

Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No. 3432

DATED 7th July

[Despatch Abstract.]

Recording with remarks
the Sanitary Commissioner's Analysis of vital
Statistics & the Special death-rate returns for
Feb'y & March 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.
Cur	6088/97						
G.O.	623	Revenue	24-7-97				

Revenue Local & Munl. (1897) Department.

CURRENT No. 2869.

The Hon. Mr. Anand C. R.
The Hon. Mr. Bliss C. R.
The Hon. Governor

From
The Sanitary Commission
for Madras.

No. 1210
8

In Order.

The Sanitary Commission
submits the detailed analyses
of vital statistics (divided
in G.O. 126
25-2-97) for the quarter
ending 31st December 1896, the
standard taken for comparison
being the average of 1894 & 1895.

The subjoined statement prepared
from the figures furnished by him
compares the mortality in 1896 with
the last quarter of 1895 & the
average of the last quarters of 1894 & 1895.

Dated 9th June 1897.

Received 11.6.97

Registered

Enclosures

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SUBJECT.

Forwarding with certain
remarks analyses of vital
statistics required in G.O.

No. 126 R dated 25-2-97.
not the last quarter but
the whole of the year

Districts	Rate per mille per annum		
	Last quarter 1896	Last quarter 1895	Average of 1894 & 1895
Anandapur	17.9	16.7	16.7
Bellary	17.0	16.2	16.6
Chingleput	18.1	21.5	21.3
Kannur	16.1	19.5	19.4
Tiruvallur	17.4	18.8	18.3

11.6.97 C14/1/97
12.5/7/97

2. The rate of mortality, it will be seen, ~~has~~ has increased slightly in Anandapur and Bellary but ~~has~~ has fallen considerably in Cuddapah and Kurnool - the first point for consideration whether famine conditions have increased the mortality among the very old and the very young there, being the earliest to be affected by distress; - the following statement compares the mortality among them in the last quarter of 1896 with the ^{the year} average of 1894 + 1895.

Districts	Rate per mille per annum			
	In the population bet 1-5 years of age		In the population above 5 years of age	
	Last quarter 1896	average 1894+1895	Last quarter 1896	average 1894+1895
Anandapur	18.1	15.8	30.2	30.1
Bellary	21.9	28.5	31.1	29.0
Cuddapah	17.5	15.8	35.4	40.2
Kurnool	21.0	25.3	28.1	30.1

In the above statement the mortality in the last quarter reduced to the whole year (i.e. multiplied by 4) is compared with the average ^{annual} mortality of the two years 1894 + 1895. The mortality among the old was less than normal in Kurnool & Cuddapah & but

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

(*) not the last quarters of the years

3

slightly above normal in the other two districts; the mortality among the very young was less than normal in Bellary and Kurnool and somewhat above normal in Anandapur and Cuddapah. The increase, where it occurs, is not marked and might ^{have been due to} be ~~accidental~~ due to other causes than famine; it cannot ~~be taken as showing~~ therefore be taken as showing that the prevailing famine conditions have ^{affected} ~~affected~~ the mortality among the young and the old. The Sanitary Commr says that although there is evidence ~~of~~ ^{of} increased mortality among these two classes of the population here and there in the affected districts, the period of observation (three months) is too small for the figures to have definite value. They would certainly be of more value if ~~the~~ ^{had furnished us the normal} ~~we could compare~~ the current figures with the normal mortality among these classes in the last quarter of the year, but the Sanitary Commr gives us only the normal annual

death rate.

3. Taking the Decatur district as a whole, Dr King points out that notwithstanding the prevalence of fever there has been a decrease of 1.4 per mille in the mortality of the whole population in the last quarter of 1896 as compared with the death rate in the corresponding quarter of 1895, and explains that this ^{is} chief part due to the influence of drought in ~~the~~ diminishing fever, counterbalanced to some extent by the greater prevalence of cholera in 1896. The following statement compares the mortality ~~in the two years~~ due to fever, cholera, ^{diarrhea} and small pox.

Districts	Fever		Cholera		Diarrhea		Small pox	
	Last quarter 1896	Last quarter 1895	Last quarter 1896	average of 1894+95	Last quarter 1896	average of 1894+95	Last quarter of 1896	average of 1894+95
Anandapur	2.0	3.0	4.8	0.5	0.2	0.2	0.3	0.3
Bellary	6.6	6.4	0.8	0.9	0.6	0.6	0.1	0.6
Cuddapah	12.1	15.9	1.0	0.1	0.4	0.4	0.3	0.2
Kurnool	12.1	12.2	0.3	0.6	0.1	0.4	0.5	0.2
Proddur	8.8	10.7						

Comparing the above statement with the statement given in para 1 above, it will be seen that the chief factor in the increased mortality in Anandapur

is cholera, while the chief cause of the diminished mortality in Kurnool and Cuddapah is the decline of deaths from fever. These two districts ~~have~~ ^{have} a much higher rate of mortality from fever than the other two, and naturally ~~show less fever~~ ^{show less fever} ~~than the other two~~ ^{than the other two} ~~districts~~ ^{districts} of mortality than usual while in Anandapur the ~~decrease~~ ^{decrease} of deaths under fever has been more than counter balanced by the prevalence of cholera.

4 The Sanitary Comm also gives some figures relating to births and burials, ~~but not~~ ~~comparing~~ ~~the~~ ~~figures~~ ~~of~~ ~~the~~ ~~last~~ ~~quarter~~ ~~of~~ ~~1896~~ ~~with~~ ~~the~~ ~~last~~ ~~quarter~~ ~~of~~ ~~1895~~ ~~from~~ ~~which~~ ~~the~~ ~~subjoined~~ ~~statement~~ ~~has~~ ~~been~~ ~~compiled~~

Districts	Birth rate per mille per annum	
	Last quarter of 1896	Last quarter of 1895
Anandapur	27.7	30.5
Bellary	38.0	33.7
Cuddapah	29.8	32.8
Kurnool	27.9	31.2

The rate has declined in all the four districts; the decline cannot be attributed to sterility

so prudent, as the prudence if exercised should have been exercised months before the commencement of the famine, nor so true sterility likely to occur in aggravated stages of famine (Vide para 2 of the lairding Comm's letter in L. 6 4861 30-11-96)

RS
12-6-97

14/6/97

True! The King.
A. 14
57.97

There may be recorded: as Dr. King says, the period of 3 months is too small to afford statistics of definite value.

Besides, the period was anterior to the occurrence of much distress.

The investigation of this important and interesting question should be continued.

Dr. King: 2.

Recd. no. 3432 of 7th July 97.
C. G. mis. 114 of 6th July 97.

Recorded
2. The investigation of the question should be continued as far as statistics for a longer period become available.

The lairding Comm. The famine Comm.

Districts	Average estimated population for the last quarter of 1895	Total deaths in the last quarter of 1895	Total deaths in the last quarter of 1896	Total deaths in the last quarter of 1897	Total fever deaths in the last quarter of 1897	Fever death-rate in the last quarter of 1897	Variations in fever deaths.			
							Decrease	Increase	Decrease	Decrease
Greenwood	893,638	910,476	4357	3283	271	14.2	406	191	2.1	191
Cuddalore	1,350,782	1,367,963	7251	6179	457	12.1	1248	121	3.8	121
Pellany	1,010,918	1,033,196	4,106	4,382	1,700	6.4	77	178	0.2	178
Anantapur	764,573	776,922	3,188	3,475	394	2.0	178	178	1.0	178
	4,019,911	4,088,557	18,902	17,789	9,008	8.8	1253	1253	1.1	1253

Note: If the statistics of the Ceded Districts be taken as a whole, the net decrease in the fever death-rate being 1.9 per mille, the net no. of lives saved would be 7768 upon the total average population (4,088,557).

District of Anantapur (October)

A. Standard Statistical data.

Area of District in square miles Density of population per sq. mile Population as per census of 1881 1891 Rate of increase per mille per annum

5275 134 599,889 708,549 16.11

Distribution of the Estimated Population on 31-10-96 according to occupation.

Government	Pasture & Agriculture	Personal Services	Preparation and Supply of material Substances	Commerce etc	Professions	Indefinite occupation
36,544	477,558	22,578	153,470	15,983	7992	61,761

Taluk etc

Registration rate per mille of population (Average of 1894 & 95)

Death rate per mille of population (Average of 1894 & 95)

Percentage of total deaths from (Average of 1894 & 95)

Death

Birth

Between 1-5 years of age

Over 50 years of age

Cholera

Small-pox

Dysentery and Diarrhoea

Adipathi

19.0

26.6

20.0

38.7

6.7

3.5

0.4

Gooty

17.7

29.4

22.3

31.4

2.0

2.1

1.6

Anantapur

17.0

28.9

14.7

33.8

10.3

2.4

0.3

Chilakurthi

14.8

31.6

12.9

32.7

2.7

1.8

0.9

Dharmavaram

14.1

29.1

11.8

28.3

0.3

2.2

1.2

4th Chalyandrug

1st Penukonda

Rate for 1/2 dupur

1st Kasira

1st District

16.2

29.1

14.0

33.0

-

0.2

2.3

14.5

26.1

11.3

29.2

-

0.7

2.6

11.6

24.2

10.3

19.3

-

1.4

4.2

16.1

28.3

15.8

30.1

3.3

2.0

1.5

RE
6-4-97

The Secretary to the Government

11/7/97

11/7/97

A. Standard Statistical data.

Area of district in square miles Density of population per sq. mile Population as per census of 1881 1891 Rate of per mille

8,722 146 412,038 1,272,072 2.69

Distribution of the Estimated population on 31-10-96 according to occupation.

Government	Pasture and Agriculture	Personal Services	Preparation and supply of material substances	Commerce etc	Professions	Indefinite occupations
48,921	877,170	44,412	248,160	22,821	14,075	1,10,962

Taluk etc

Taluk etc	Population according to census of 1891	6th October 96 estimated	Estimated population on 31-10-96	Between 1-5 years of age	Over 50 years of age	Death-rate from all causes per mille per annum on the estimated population during the month of October 1895	Birth rate per mille per annum on the estimated population during the month of October 1895	Remarks
Adoni	134,552	159,516	185,041	19,780	18.1	35.6		
Alur	26,243	28,342	32,888	35,141	19.8	42.6		
Bellary	86,088	104,114	120,771	129,101	13.1	34.7		
Hospet	120,886	138,181	160,291	171,341	17.2	36.4		
Kudligi	59,467	63,166	73,271	78,331	19.0	31.3		
Harpanahalli	97,801	106,753	123,883	132,371	10.8	29.2		
Hadagalli	92,512	97,070	112,601	120,371	19.9	31.5		
Rate for the District	94,296	107,557	124,711	133,337	11.0	26.0		
	82,241	89,656	104,001	111,117	20.4	42.9		
	104,040	124,703	144,661	154,663	11.5	26.3		
					15.6	43.3		

B. Current Statistical data.

Taluk etc	Total deaths from all causes	Death rate per mille per annum on the estimated population	Total Births	Birth rate per mille per annum on the estimated population	Death rate per mille per annum of the population	Percentage of total deaths from all causes	Cholera	Small-pox	Dysentery and Diarrhoea	All other causes
Adoni	222	16.7	453	34.1	29.8	22.4	-	0.4	1.4	98.2
Alur	70	29.6	108	45.7	47.4	41.0	-	-	-	100.0
Bellary	181	20.8	267	30.8	30.8	40.9	12.2	0.5	2.8	84.5
Hospet	202	17.5	364	31.6	27.0	33.6	-	1.0	4.9	94.1
Kudligi	110	20.9	196	37.2	18.0	47.5	0.9	-	4.5	94.6
Harpanahalli	183	20.6	238	26.8	10.7	44.4	31.7	-	0.5	67.8
Hadagalli	144	17.8	193	23.9	16.0	23.9	-	-	1.4	98.6
Rate for the District	200	22.3	214	23.9	15.4	27.9	41.5	-	1.0	57.5
	106	14.2	244	32.7	23.1	18.4	0.9	-	9.4	87.7
	128	12.3	250	24.1	17.4	13.2	-	-	10.9	87.1

Taluk etc

Registration rate per mille of population. (Average of 1894 & 95)

Death rate per mille of population (Average of 1894 & 95)

Percentage of total deaths from (Average of 1894 & 95)

Taluk etc	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea
Pullampet	18.0	22.3	17.2	40.9	1.7	0.5	1.1
Sidhout	21.0	25.4	16.6	49.9	0.3	0.4	0.8
Bydasil	19.2	28.9	16.9	47.3	-	0.3	1.3
Cuddapah	20.9	24.3	15.6	50.3	-	0.7	0.9
Proddatur	32.7	19.1	17.4	78.9	-	1.1	4.7
Jammalamadugu	20.8	28.1	17.5	47.0	0.2	1.6	0.5
Pulivendla	23.8	32.5	24.8	47.3	4.0	2.4	0.7
Kadiri	23.6	27.2	22.5	47.9	-	1.4	1.0
Rayachoti	21.5	26.7	15.1	36.2	-	0.7	3.3
Tayalpau	19.8	21.8	11.4	36.3	-	0.7	3.1
Tarapalle	17.1	21.9	8.2	32.5	-	0.8	2.6
Rate for the District	17.7	29.2	11.1	31.2	-	0.6	3.8
	20.3	26.0	15.8	40.4	0.6	0.9	1.9

Taluk etc

Pullampet

Sidhout

Badvel

Cuddapah

Proddatur

Jammalamadugu

Pulivendla

Kadiri

Rayachoti

Tayalpau

Madanapalle

Population according to census of 1891	Population estimated of October 96	Estimated population on 31-10-96	Between 1-5 years of age	Over 50 years of age	Death rate from all causes per mille per annum on the estimated population during the month of October 95	Birth rate per mille per annum on the estimated population during the month of October 1895
149109	158172	18348	19613		17.0	26.9
66810	71634	8309	8883		22.6	34.1
93152	99825	11580	12378		17.0	29.2
137520	142928	16580	17723		20.7	29.9
17379	17379	2016	2155		39.4	25.6
98418	103031	11952	12776		23.1	29.1
101296	107002	12412	13268		22.1	33.6
105842	112118	12896	13785		25.2	27.7
134915	146859	17036	18210		19.9	30.4
113236	126956	14727	15742		18.4	24.4
127043	141939	16465	17600		14.9	26.1
127352	141146	14773	15592		17.8	39.6
					19.8	29.9

Rate for the District

* This is one of those Municipalities which has been found to have decreased in population at the census of 1891 as compared with that of 1881. Its population consequently has not been estimated.

B. Current Statistical data.

Taluk etc.

Pullampet

Sidhout

Badvel

Cuddapah

Proddatur

Jammalamadugu

Pulivendla

Kadiri

Rayachoti

Tayalpau

Madanapalle

Total deaths from all causes	Death rate per mille per annum on the estimated population	Total Births	Birth rate per mille per annum on the estimated population	Death rate per mille per annum of the population	Percentage of total deaths from all causes	Cholera	Small-pox	Dysentery & Diarrhoea	All other causes
247	18.7	426	33.1	24.9	35.5	-	-	3.2	96.8
125	20.9	205	34.3	24.5	40.5	-	0.8	2.4	96.8
147	17.7	307	36.9	21.7	27.8	-	-	1.4	98.6
182	15.3	371	31.1	10.9	31.1	-	1.1	1.1	97.8
32	22.1	40	27.6	5.9	43.5	-	12.5	12.5	75.0
162	18.9	298	34.7	22.1	39.1	-	3.1	1.8	95.1
160	17.3	314	35.2	23.2	28.9	-	2.5	1.2	96.3
233	24.9	310	35.8	21.4	42.7	26.2	0.4	0.9	72.5
180	14.7	406	33.2	60.6	61.9	-	-	2.2	97.8
133	12.6	295	27.9	14.7	19.1	-	-	0.8	97.2
145	12.3	371	31.4	5.8	20.5	-	-	4.8	95.2
174	14.8	368	31.3	12.2	21.9	-	-	6.3	93.7
	16.9		32.7	21.8	36.3	3.2	0.9	2	

Rate for the District

Remarks:

District of Furrnool (October)

A. Standard Statistical data.

Area of District in square miles	Density of population per sq. mile	Population as per census of 1881	Population as per census of 1891	Rate per mille
7,514	109	678,551	817,811	18.97

Distribution of the Estimated population on 31-10-96 according to occupation.

Government	Pasture and Agriculture	Personal Services	Preparation and supply of material substances	Commerce etc	Professions	Indefinite occupations
36,272	541,073	28,453	173,821	13,272	10,272	105,905

Taluk etc

Pattikonda

Kamallakota

Nandikothkur

Nandial

Koilkuntha

Sirosh

Mambum

Harkapore

Rate for the District

Registration rate per mille of popa- -lation. (Average of 1894 & 95)		Death rate per mille of population (Average of 1894 & 95)		Percentage of total deaths from (Average of 1894 & 95)		
Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and diarrhoea
21.7	28.4	31.1	29.7	0.2	2.9	0.4
9.6	32.9	35.3	24.5	6.7	4.0	1.2
28.5	31.6	32.7	62.2	4.6	0.2	4.6
25.4	36.3	30.8	34.0	6.1	2.3	0.8
21.8	26.7	22.2	35.6	4.2	1.2	1.4
24.4	28.9	22.5	47.7	0.7	1.7	0.8
28.1	29.2	25.9	50.4	0.3	0.8	0.9
16.9	26.3	15.7	32.5	1.0	1.2	1.1
16.3	30.9	14.7	32.2	3.6	0.1	0.2
21.6	29.9	25.3	35.1	2.8	1.8	0.9

October

1896.

District of Anantapur - November 1896 -
A. Standard Statistical data.

Area of District in Square miles	Density of popu- lation per Sq. mile	Population as per census		Rate of in- crease per mille annum
		1881	1891	
5275	134	599,889	708,549	16.11

Distribution of the estimated population on 30-11-96 according to occupation

Government	Pasture and agricult. -ture	Personal services	Preparation and supply of materials and substances	Commerce etc.	Professions	Indefinite occupations
36,593	478,195	22,608	15,3675	16,005	8002	351,303

Talugs etc	Registration rate per mille of population (average of 1894 & 1895)		Death rate per mille of popu- lation (average of 1891 & 1895)		Percentage of total deaths from (Average of 1894 & 1895)		
	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and diarrhoea
Tadpatri	19.0	26.6	20.0	38.7	6.7	3.5	0.4
Gooty	17.7	29.4	22.3	31.4	2.0	2.1	1.6
Anantapur	17.0	28.9	14.7	33.8	10.3	2.4	0.3
N.T. Anantapur	14.8	31.6	12.9	32.7	2.7	2.8	0.9
Dharmavaram	14.1	29.9	11.8	28.2	0.3	2.2	1.2
Kalyandurg	16.2	29.2	14.0	33.0	-	0.2	2.3
Perinthanda	14.5	26.4	11.3	29.2	-	0.7	2.6
Vindupur	11.6	24.2	10.3	19.3	-	1.4	4.2
Madakasira	16.1	28.3	15.8	30.1	3.3	2.0	1.5
Rate for the District	16.1	28.3	15.8	30.1	3.3	2.0	1.5

taluk etc

	Population according to the Census of 1891	Population according to the Census of 1896	Estimated population on 30-11-96	Birth rate per 1000	Death rate per 1000	Remarks
Tadpatri	112656	121371	14079	15.5	30.1	
Kooty	142917	165617	19212	17.8	28.5	
Anantapur	97315	103862	12148	16.2	35.4	
Pal. Anantapur	6994	7497	870	14.8	42.7	
Rahmavaram	66113	66113	7669	19.6	31.6	
Talyandrug	71592	71592	8305	12.4	28.1	
Pennakonda	80272	82761	9832	17.7	28.0	
Hindupur	81678	86944	10085	13.8	26.2	
Madakasira	67993	76720	8900	10.7	24.9	
Rate for District				15.9	29.8	

B Current Statistical data.

Taluk etc	Total deaths from all causes	Death rate per 1000	Total Births	Birth rate per 1000	Between 1-5 years of age	Over 5 years of age	Cholera	Small-pox	Dysentery and Diarrhoea	All other diseases
Tadpatri	134	13.2	243	24.0	17.0	22.2	3.5	-	98.5	
Kooty	176	12.8	379	27.5	14.4	15.2	17.6	1.1	2.3	79.0
Anantapur	294	34.0	296	34.2	36.9	53.1	66.3	0.4	-	33.3
Pal. Anantapur	38	60.8	16	25.6	27.6	90.3	71.1	-	2.6	26.3
Rahmavaram	98	17.8	145	26.3	25.0	29.9	32.7	6.1	-	61.2
Talyandrug	75	12.6	142	23.8	2.9	24.3	1.3	1.3	1.3	96.1
Pennakonda	103	14.6	190	26.9	17.1	28.5	-	1.9	1.0	97.1
Hindupur	116	16.0	176	24.3	32.1	25.6	-	4.3	8.6	87.1
Madakasira	69	10.8	141	22.1	5.4	25.6	-	1.4	1.4	97.2
Rate for the District	17.0	26.7	19.3	27.7	25.9	1.8	1.7	90.6		

Population of 1881 of Rahmavaram and Talyandrug Taluks as the statistics not being available separately in this publication have not been tabulated.

A. Standard Statistical data.

Area of District in square miles	Density of population per square mile	Population as per census of 1881	Population as per census of 1891	Rate of increase per mille per annum
5975	151	736,807	911,514	21.98

Distribution of the Estimated Population on 30-11-96 according to occupation.

Government	Pasture & Agriculture	Personal Services	Preparation & Supply of material Substances	Commerce etc	Professions	Indefinite occupations
26,863	682,730	25,726	182,564	20,251	13,431	81,622

Taluk etc.	Registration rate per mille of po- pulation (Ave- rage of 1894 & 95)	Death rate per mille of population (Average of 1894 & 95)	Percentage of total deaths from (Average of 1894 & 95)				
	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea
Adoni	19.5	32.2	37.6	25.1	5.8	2.7	1.9
	22.3	36.2	36.2	43.0	0.3	-	0.2
M.	17.8	35.6	35.9	25.5	-	6.6	1.2
Bellary	22.4	35.9	42.7	30.2	6.0	5.5	2.7
	25.5	32.5	25.9	44.6	1.7	0.03	6.5
Rayadurg	16.3	28.8	26.7	25.7	1.6	8.9	1.3
Hospet	24.8	29.1	22.7	36.5	7.3	0.5	1.0
Kudligi	20.1	24.1	21.0	30.2	1.9	2.4	2.2
Harpanahalli	18.6	33.9	17.6	31.6	5.4	0.7	5.0
Hadagalle	15.6	24.7	15.6	26.2	0.9	0.3	8.1
Rate for the District	20.1	31.0	28.5	29.0	4.6	3.1	3.0

Taluk etc	Population according to Census of 1891	Population according to Census of 1896	Estimated population on 30-11-96	Between 1-5 years of age	Over 50 years of age	Death rate from all causes per mille	Birth rate per mille	Remarks
Adoni	124552	159916	18550	19830	11.9	28.1		
	26243	28714	3331	3561	18.0	36.1		
Alur	88088	104371	12107	12942	13.5	34.9		
Bellary	120888	138453	16061	17168	17.0	34.2		
	59467	63222	7334	7840	20.7	29.9		
Rayachur	97801	106888	12399	13254	10.5	23.6		
Hospet	92512	97138	11268	12045	24.2	31.0		
Kudligi	94296	107766	12501	13363	13.9	21.1		
Harpanahalli	82241	89656	10400	11117	14.4	34.6		
Hadagalli	104040	125035	14504	15504	12.0	28.0		
Rate for the District					16.7	29.2		

B. Current Statistical data.

Taluk etc	Total deaths from all causes	Death rate per mille per annum on the est'd population	Total Births	Birth rate per mille per annum on the est'd population	Death rate per mille per annum on the est'd population	Percentage of total deaths from all causes	Cholera	Small-pox	Dysentery & Diarrhoea	All other causes
Adoni	168	12.6	365	27.4	18.8	19.4	-	0.6	1.8	97.6
	57	23.8	87	36.4	39.6	43.8	-	-	-	100.0
Alur	176	20.2	234	26.9	25.8	46.4	-	-	4.5	95.5
Bellary	217	18.8	340	29.9	29.9	28.7	-	0.5	2.3	97.2
	113	21.4	158	30.0	6.5	39.8	-	-	5.3	94.7
Rayachur	109	12.2	185	20.8	15.5	20.8	5.5	-	4.6	89.9
Hospet	145	17.9	211	26.1	12.8	23.9	-	-	3.4	96.6
Kudligi	87	9.7	183	20.4	8.6	12.7	3.4	2.3	1.2	98.1
Harpanahalli	149	19.9	228	30.5	26.5	29.1	12.7	0.7	3.4	83.2
Hadagalli	116	11.1	231	22.2	15.7	11.6	-	-	11.2	88.8
Rate for the District		15.5		25.8	18.9	24.8	2.1	0.4	3.1	94.4

District of Cuddapah (November)

1. Standard Statistical data.

Area of District	Density of population	Population as per census of 1881	Population as per census of 1891	Rate of increase per mille per annum
8722 square miles	146	1,121,038	1,272,072	12.69

Distribution of the Estimated population on 30-11-96 according to occupation.

Government	Pasture and Agriculture	Personal Services	Preparation and Supply of material substances	Commerce etc	Professions	Indefinite occupation
48973	878095	44459	248422	22,845	14090	111,079

490

Taluk etc	Registration rate per mille of popu- lation (Average of 1894 & 95).		Death rate per mille of popula- tion (Average of 1894 & 95)		Percentage of total deaths from (Average of 1894 & 95)		
	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea
Pullampet	18.0	22.3	17.2	40.9	1.7	0.5	1.1
Sidhout	21.0	25.4	16.6	49.9	0.3	0.4	0.8
Reddail	19.2	28.9	16.9	47.3	-	0.3	1.3
Cuddapah	20.9	24.3	15.6	50.3	-	0.7	0.9
	32.7	19.1	17.4	78.9	-	1.1	4.7
Proddatur	20.8	28.1	17.5	47.0	0.2	1.6	0.5
Jammalamadugu	23.8	32.5	24.8	47.3	4.0	2.4	0.7
Pativendla	23.6	27.2	22.5	47.9	-	1.4	1.0
Kadiri	21.5	26.7	15.1	36.2	-	0.7	3.3
Rayachoti	19.8	21.8	11.4	36.3	-	0.7	3.1
Vayalpand	17.1	21.9	8.2	32.5	-	0.8	2.6
Madanapalle	17.7	29.2	11.1	31.2	-	0.6	3.8
Rate for the District	20.3	26.0	15.8	40.4	0.6	0.9	1.9

Taluk etc.	Population according to Census of 1911	Of Dec 31 96 estimated	Estimated population on 30-11-96 Between 1-5 years of age	Over 50 yrs of age	Death rate from all causes per mille per annum of the estimated population during the month of Nov 95	Birth rate per mille per annum of the estimated population during the month of Nov 95	Remarks
Pullampet	149109	158309	18364	19630	18.6	25.9	
Sidhout	66810	71708	8318	8892	23.9	33.9	
Budvil	93152	99927	11592	12391	17.0	28.6	
Cuddapah	137520	143009	16589	17733	20.7	28.4	
Proddatur	17879	17379	2016	2155	30.4	31.1	
Jammalamadugu	98418	103098	11969	12794	21.1	35.6	
Pulivendla	101296	107089	12422	13279	24.8	37.9	
Kadiri	105842	112213	13017	13914	25.5	28.7	
Rayachoti	134915	147042	17057	18233	20.1	21.5	
Tajalpaul	113236	127169	14752	15769	23.0	27.5	
Madanapalle	127043	142171	16492	17629	17.2	27.8	
	127352	141360	16398	17529	21.5	38.6	
Rate for the District					21.1	30.7	

This is one of those Municipalities which has been found to have decreased in population at the Census of 1891 as compared with that of 1881. Its population consequently has not been estimated.

B. Current Statistical data.

Taluk etc.	Total deaths from all causes	Death rate per mille per annum of the est'd population	Total Births	Birth rate per mille per annum of the est'd population	Death rate per mille per annum of the est'd pop'n Between 1-5 years of age	Over 50 years of age	Percentage of total deaths from all causes Cholera	Small-pox	Dysentery & Diarrhoea
Pullampet	255	19.3	400	30.3	11.7	43.4	10.6	0.8	88.6
Sidhout	142	23.8	193	32.3	13.0	62.1	2.8	0.7	96.5
Budvil	167	12.7	233	28.0	18.6	35.9	-	0.9	100.0
Cuddapah	184	15.4	383	32.1	7.2	29.1	-	1.6	97.8
Proddatur	29	20.0	51	35.2	35.7	11.1	-	17.2	82.8
Jammalamadugu	145	16.9	250	29.1	22.1	40.3	-	3.4	96.6
Pulivendla	157	17.6	276	30.9	29.0	29.8	-	4.5	94.2
Kadiri	193	20.6	256	27.4	20.3	44.8	9.8	2.6	85.5
Rayachoti	175	14.3	335	27.0	9.8	20.4	-	-	1.1
Tajalpaul	110	10.4	317	29.9	8.1	12.2	-	-	2.7
Madanapalle	150	12.7	205	17.3	8.0	16.3	-	-	100.0
	180	15.3	394	33.4	11.0	17.8	-	-	12.2
Rate for the District	16.1		28.9	14.0	30.0	2.7	1.4	2.7	93.8

District of Kurnool (November)

A. Standard Statistical data.

Area of District in square miles	Density of population per sq. mile	Population as per census of 1881	1891	Rate of increase in mille per annum
7514	109	678551	817,811	18.97

Distribution of the Estimated Population on 30-11-96 according to occupation.

Government	Pasture & Agriculture	Personal Services	Preparation & supply of material substances	Commerce etc	Professions	Indefinite occupations
490 36328	541915	28498	174083	13293	10288	96070

Registration rate, Death rate per mille of population, Percentage of total deaths from

Taluk etc.	Death per mille of population (Average of 1894 & 95)	Birth per mille of population (Average of 1894 & 95)	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea
Pattikonda	21.7	28.4	31.1	29.7	0.2	2.9	0.4
Ramallakota	19.6	32.9	35.3	24.5	6.7	4.0	1.2
Nandikotkur	28.5	31.6	32.7	62.2	4.6	0.2	4.6
Nandyal	25.4	36.3	30.8	34.0	6.1	2.3	0.8
Tolikhuntha	21.8	26.7	22.2	35.6	4.2	1.2	1.4
Sirvab	24.4	28.9	22.5	47.7	0.7	1.7	0.8
Burnburn	28.1	29.2	25.9	50.4	0.3	0.8	0.9
Markapore	16.9	26.3	15.7	32.5	1.0	1.2	1.1
	16.3	30.9	14.7	32.2	3.6	0.1	0.2
Rate for the District	21.6	29.9	25.3	35.1	2.8	1.8	0.9

Taluk etc

Pattikonda

Ramallakota

Nandikotkur

Nandyal

Koilkuntla

Sirvel

Cumbum

Markapore

Rate for the District

According to the Census of 1891	Population of November 96 - estimated	Estimated population on 30-11-96	Between 1-5 years of age	Over 50 yrs of age	Death rate from all causes per mille per annum on the estimated population during the month of November 95	Birth rate per mille per annum of the estimated population during the month of Nov r 95
138703	162392	18837	20137		14.1	29.1
100595	119676	13882	14840		13.0	34.9
24376	27058	3139	3355		23.9	33.4
88560	99169	11504	12297		21.3	34.3
96292	108467	12582	13450		20.1	26.5
86544	93048	10794	11538		20.4	30.0
65168	70245	8148	8710		23.9	29.8
117602	123001	14268	15252		15.6	26.8
99971	110458	12813	13697		15.8	26.2
Rate for the District					17.6	29.9

Remarks

B. Current Statistical data.

Taluk etc.

Pattikonda

Ramallakota

Nandikotkur

Nandyal

Koilkuntla

Sirvel

Cumbum

Markapore

Rate for the District

Total deaths from all Causes	Death rate per mille per annum on the estimated population	Total Births	Birth rate per mille per annum on the estimated population	Between 1-5 years of age	Over 50 yrs of age	Cholera	Small-pox	Dysentery and Diarrhoea	All other causes
155	11.5	337	24.9	19.7	19.1	0.6	6.5	0.6	92.3
118	11.8	309	31.0	10.4	21.0	-	0.8	1.7	97.5
30	13.3	52	23.1	-	32.2	-	-	-	100.0
160	19.4	279	33.7	14.6	39.0	-	1.9	-	98.1
123	13.6	228	25.2	14.3	22.3	-	2.4	-	97.6
138	17.8	192	24.8	39.7	35.4	-	7.2	1.5	91.3
118	20.2	180	30.8	28.0	30.3	0.8	8.5	-	90.7
137	13.4	281	27.4	9.2	30.7	-	3.6	1.5	94.9
130	14.1	269	29.2	14.0	30.7	-	3.1	-	96.9
Rate for the District		14.6	28.0	15.5	28.3	0.2	4.2	0.6	95.0

November
1896.

District of Anantapur (December 1896)
A. Standard Statistical data.

Area of District in square miles	Density of popula- tion per sq. mile	Population as per census of		Rate of increase per 1000 per an
		1881	1891	
5,275	134	599,889	708,549	16.11

Distribution of the Estimated population on 31-12-96 according to occupation.

Government.	Pasture and Agriculture	Personal Services	Preparation and Supply of mate- rial substances	Commerce etc.	Professions	Indefinite or occupations.
36,642	478,834	22,689	153,880	16,026	8,013	61,925

Taluk etc.

	Registration rate per mille of popula- tion (Average of 1894 & 1895)		Death-rate per mille of population (Average of 1894 & 1895)		Percentage of total deaths from (Average of 1894 & 95)		
	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery & Diarrhoea
Tadpatri	19.0	26.6	20.0	38.7	6.7	3.5	0.4
Gooty	17.7	29.4	22.3	31.4	2.0	2.1	1.6
Anantapur	17.0	28.9	14.7	33.8	10.3	2.4	0.3
Dharmavaram	14.1	29.9	11.8	28.3	0.3	2.2	1.2
Kalyandrug	16.2	29.2	14.0	33.0	-	0.2	2.3
Perukonda	14.5	26.4	11.3	29.2	-	0.7	2.6
Hindupur	11.6	24.2	10.3	19.3	-	1.4	1.1
Madakasira	16.1	28.3	15.8	30.1	3.3	2.0	1.1
Rate for the District							

A. Standard Statistical data.

Area of District in square miles	Density of population per sq. mile	Population as per census of		Rate of increase per mille per annum
		1881	1891	
5,975	151	736,807	911,514	21.98

Distribution of the estimated population on 31-12-96 according to occupation.

Government	Pasture and Agriculture	Personal services	Preparation and supply of materials etc.	Commerce etc.	Professions	Indefinite occupation
26,912	683,987	25,774	182,900	20,288	13,456	8,771

Taluk etc.

Registration rate
per mille of popⁿ
(Average of 1894 & 95)

Death-rate per mille
of population
(Average of 1894 & 95)

Percentage of total deaths
from
(Average of 1894 & 95)

	Registration rate per mille of pop ⁿ (Average of 1894 & 95)		Death-rate per mille of population (Average of 1894 & 95)		Percentage of total deaths from (Average of 1894 & 95)		
	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and diarrhoea
Adoni	19.5	32.2	37.6	25.1	5.8	2.7	1.9
Alur	17.8	35.6	35.9	25.5	-	6.6	1.2
Bellary	22.4	35.9	42.7	30.2	6.0	5.5	2.7
Rayadrug	16.3	28.8	26.7	25.7	1.6	8.9	1.3
Hospet	24.8	29.1	22.7	36.5	7.3	0.5	1.0
Kudligi	20.1	24.1	21.0	30.2	1.9	2.4	2.2
Harpanahalli	18.6	33.9	17.6	31.6	5.4	0.7	5.0
Hodagalli	15.6	24.7	15.1	26.2	0.9	0.3	8.1
Rate for the District	20.1	31.0	28.5	29.0	4.6	3.1	3.0

Taluk etc.	Population		Estimated population on		Death-rate from all causes per mille per annum on the estimated population during the month of December 1895.	Birth rate per mille per annum of the estimated population during the month of December 1895.	Remarks
	According to the Census of 1891.	Of December '96 estimated	Between 1-5 years of age	Over 50 years of age			
Adpatri	112,656	121,502	14,094	15,076	20.2	25.3	
Gooty	142,917	165,971	19,252	20,580	16.7	28.4	
Anantapur	97,315	103,960	12,059	12,891	20.2	33.4	
Dharmavaram	66,113	66,113	7,669	8,198	15.8	30.9	
Kalyandrug	71,592	71,592	8,305	8,877	15.9	30.8	
Perukonda	80,272	84,828	9,840	10,519	23.3	30.3	
Hindupur	81,678	97,022	11,254	12,031	18.0	26.8	
Madakasira	67,993	76,555	8,915	9,530	16.3	23.0	
Rate for the District					18.5	29.0	

B. Current Statistical data.

Taluk etc.	Total deaths from all causes		Total Births	Death-rate per mille per annum on the estimated population		Birth-rate per mille per annum on the estimated population		Death-rate per mille per annum of the estimated population		Percentage of total deaths from all causes.	
	Between 1-5 years of age	Over 50 years of age		Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea	All other causes		
Adpatri	147	14.5	233	23.0	13.6	33.4	-	-	-	100.0	
Gooty	206	14.9	358	25.9	9.3	29.3	11.2	-	1.4	87.4	
Anantapur	255	29.4	244	28.2	26.9	49.3	55.3	1.2	0.8	42.7	
Dharmavaram	111	20.1	157	28.5	25.0	35.1	36.0	10.8	-	53.2	
Kalyandrug	61	10.2	141	23.6	8.7	18.9	-	-	-	100.0	
Perukonda	106	15.0	203	28.7	11.0	29.7	-	0.9	0.9	98.2	
Hindupur	105	13.0	186	23.0	22.4	19.9	-	3.8	3.8	92.4	
Madakasira	28	4.4	80	12.5	-	11.3	-	-	-	100.0	
Rate for the District	15.8	25.0	14.6	29.6	19.9	1.9	1.0	77.2			

Dharmavaram and Kalyandrug Taluk as they are now constituted, not being
of the same area as in 1891, the population has been estimated.

Taluk etc.	Population		Estimated population on 31-12-96.		Birth-rate from all causes — per mille per annum on the estimated population during the month of December 1895	Remarks
	according to the census of '91	of December '96 estimated	Between 1-5 years of age	Over 50 years of age		
Adoni	134,552	160,317	18,597	19,879	15.5	29.1
Alur	88,088	104,627	12,137	12,974	15.8	27.7
Bellary	120,886	138,725	16,092	17,202	20.0	32.8
Rayachur	97,801	107,026	12,415	13,271	12.4	25.9
Hospet	92,512	97,206	11,276	12,054	19.2	30.5
Kudligi	94,296	107,976	12,525	13,389	14.5	24.5
Harpanahalli	82,241	89,884	10,427	11,146	20.4	28.0
Hadagalli	104,040	125,369	14,542	15,546	15.4	24.1
Rate for the District					17.6	28.5

3. Current Statistical data.

Taluk etc.	Total deaths from all causes	Death-rate per mille per annum on the estd popu.	Total Births	Birth-rate per mille per annum on the estd popu.	Death-rate per mille per annum on the estimated population.		Percentage of total deaths from all causes.				
					Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea	All other causes	
Adoni	196	14.6	414	30.9	30.9	26.5	-	-	1.5	98	
Alur	190	21.7	217	24.8	44.4	36.9	2.6	-	2.1	95.3	
Bellary	230	19.8	323	27.9	32.0	36.2	-	0.4	1.3	98.3	
Rayachur	110	12.3	184	20.6	10.6	25.3	-	-	6.3	93.7	
Hospet	168	20.7	265	32.7	23.4	35.8	-	-	1.8	98.2	
Kudligi	103	11.4	228	25.3	12.4	17.9	-	1.9	1.0	97.1	
Harpanahalli	131	17.4	207	27.6	26.4	25.8	6.1	-	3.1	90.8	
Hadagalli	134	12.8	229	21.9	18.9	25.4	-	0.7	11.2	88.1	
Rate for the District		17.1		27.7	24.7	29.3	0.9	0.6	3.7	94.8	

District of buddapak (December 1896)

A. Standard Statistical data.

Area of District in square miles	Density of population per sq. mile	Population as per census of		Rate of increase per mille per annum
		1881	1891	
8722	146	1,121,038	1,272,072	12.69.

Distribution of the Estimated population on 31-12-96 according to occupation.						
	Pasture and Agriculture	Personal Services	Preparation and supply of material substances	Commerce etc.	Professions	Indefinite occupations
Government	49025	879,020	44,506	24,8684	22,869	14,105
						111,195

Taluk etc.	Registration rate per mille of population (Average of '94 & '95)		Death-rate per mille of population (Average of '94 & '95)		Percentage of total deaths from (Average of 1894 & '95)		
	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery & Diarrhoea
Pullampet	18.0	22.3	17.2	40.9	1.7	0.5	1.1
Sithur	21.0	25.4	16.6	49.9	0.3	0.4	0.8
Adusil	19.2	28.9	16.9	47.3	-	0.3	1.3
Cuddapak	20.9	24.3	15.6	50.3	-	0.7	0.9
Proddatur	20.8	28.1	17.5	47.0	0.2	1.6	0.5
Jammalamadagu	23.8	32.5	24.8	47.3	4.0	2.4	0.7
Pulivendla	23.6	27.2	22.5	47.9	-	1.4	1.0
Madiri	21.5	26.7	15.1	36.2	-	0.7	3.3
Rayachur	19.8	21.8	11.4	36.3	-	0.7	3.1
Tayalpand	17.1	21.9	8.2	32.5	-	0.8	2.6
Madanapalle	17.7	29.2	11.1	31.2	-	0.6	3.8
Rate for the District	20.3				0.6	0.9	1.9

District of Kurnool (December 1896)

A. Standard Statistical data.

Taluk etc.	Population		Estimated population on 31-12-96		Death-rate from all causes per mille per annum of the estimated population during the month of December '96.	Birth-rate per mille per annum of the estimated population during the month of Decr '96	Remarks
	According to Census of 1891	Of December '96 estimated	Between 1-5 years of age	Over 50 years of age			
Pullampet	149,109	158,446	18,390	196,571	20.7	21.7	
Lidhout	66,810	71,781	8,327	89,011	21.0	27.6	
Buduril	93,152	100,029	11,603	124,033	19.3	28.4	
Buddapah.	137,520	143,090	16,598	177,433	23.8	31.2	
Proddatur	98,418	103,212	11,973	127,983	24.1	29.1	
Jammalamadagu	101,296	107,175	12,432	132,903	26.0	33.4	
Pulivendla	105,842	112,305	12,527	134,303	26.3	25.5	
Kadiri	134,915	147,225	17,078	182,563	19.5	20.8	
Rayachoti	113,236	127,383	14,776	157,953	28.5	30.5	
Vayalpaud.	127,043	142,403	16,419	175,503	20.4	26.4	
Madanapalle.	127,352	141,574	16,422	175,553	23.0	34.1	
Rate for the District					23.1	27.8	

* This is one of those Municipalities which has been found to have decreased in population at the census of 1891 as compared with that of 1881. Its population consequently has not been estimated.

B. Current Statistical data.

Taluk etc.	Total deaths from all causes	Death-rate per mille per annum of the estd pop.	Total Births	Birth-rate per mille per annum of the estd pop.	Death rate per mille per annum of the estimated population		Percentage of total deaths from all causes.				
					Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea	Other causes	
Pullampet	492	37.3	341	25.8	24.1	74.5	48.2	0.4	1.0	50.4	
Lidhout	124	20.7	173	28.9	23.1	43.1	4.8	-	2.4	92.8	
Buduril	151	18.1	241	28.9	10.3	43.5	-	-	0.7	99.3	
Buddapah.	223	18.7	363	30.4	10.1	43.3	1.8	2.2	2.2	93.8	
Proddatur	154	17.9	232	27.0	22.1	40.3	-	1.3	0.6	98.1	
Jammalamadagu	173	19.4	259	29.0	26.1	37.9	-	12.1	2.3	85.6	
Pulivendla	198	21.2	251	26.8	26.8	48.3	-	12.6	1.5	85.7	
Kadiri	255	20.8	333	27.1	16.9	22.3	-	2.3	6.3	91.4	
Rayachoti	163	15.4	270	25.4	7.3	25.1	-	-	6.7	93.3	
Vayalpaud.	226	19.0	273	20.3	11.0	33.5	-	2.2	3.6	94.2	
Madanapalle.	233	19.7	410	34.7	11.7	26.7	-	0.4	7.7	91.9	
Rate for the district		21.3		27.8	16.9	40.0	10.3	2.8	3.1	83.8	

Area of District in square miles	Density of population per sq. mile	Population as per census of		Rate of increase per mille per annum
		1881	1891	
75 14	109	678,551	817,811	18.97

Distribution of the Estimated population on 31-12-96 according to occupation.

Government	Pasture and Agriculture	Personal Services	Preparation & supply of materials	Commerce etc	Professions	Indefinite occupations.
36,385	54,2758	28,542	174,354	13,314	10,304	106,235

Taluk etc

Taluk etc	Registration rate per mille of population		Death rate per mille of population (Average of 1894 & 95)		Percentage of total deaths from (Average of 1894 & 95)		
	Death	Birth	Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery and Diarrhoea
Pattikonda	21.7	28.4	31.1	29.7	0.2	2.9	0.4
Ramallakota	19.6	32.9	35.3	24.5	6.7	4.0	1.2
Nandikotkur	25.4	36.3	30.8	34.0	6.1	2.3	0.8
Nandyal	21.8	26.7	22.2	35.6	4.2	1.2	1.4
Koilkuntla	24.4	28.9	22.5	47.7	0.7	1.7	0.8
Sivrol	28.1	29.2	25.9	50.4	0.3	0.8	0.9
Cumbrum	16.9	26.3	15.7	32.5	1.0	1.2	1.1
Chakapote	16.3	30.9	14.7	32.2	3.6	0.1	0.2
Rate for the District	21.6	29.9	25.3	35.1	2.8	1.8	0.9

Taluk etc	Population		Estimated population on 31-12-96		Death-rate from all causes per mille per annum on the estimated population during the month of December '95	Birth rate per mille per annum of the estimated population during the month of December '95	Remarks
	According to the Census of 1891	Of December 96 estimated.	Between 1-5 years of age	Over 50 years of age			
Pattikonda	138,703	162,763	18,880	20,183	17.1	29.1	
Ramallakota	100,595	119,918	13,917	14,877	15.6	32.8	
Nandikothur	88,560	99,341	11,523	12,318	26.9	35.1	
Nandyal	96,292	108,655	12,584	13,453	22.1	25.6	
Koilkuntla	86,544	92,932	10,780	11,524	31.1	26.9	
Sivrol	65,168	70,321	8,157	8,720	30.8	29.6	
Bumbum	117,602	122,074	14,195	15,174	14.4	24.0	
Markapote	99,971	110,618	12,831	13,717	18.3	26.9	
Rate for the District					21.2	29.0	

B. Current Statistical data.

Taluk etc.	Total deaths from all causes		Total Births	Birth-rate per mille per annum of the est'd pop.	Death-rate per mille per annum of the est'd pop.		Percentage of total deaths from all causes			
		Death-rate per mille per annum on the est'd pop.			Between 1-5 years of age	Over 50 years of age	Cholera	Small-pox	Dysentery & Diarrhoea	All other causes.
Pattikonda	202	14.9	325	24.0	23.5	22.6	-	1.5	-	98.5
Ramallakota	131	13.1	253	25.3	14.7	16.1	-	0.8	2.3	96.9
Nandikothur	161	19.4	260	31.4	22.9	24.4	-	1.9	0.6	97.5
Nandyal	144	15.9	206	22.8	15.3	27.7	-	0.7	0.7	98.6
Koilkuntla	127	16.4	174	22.5	15.6	38.5	-	-	1.6	98.4
Sivrol	106	18.1	119	20.3	23.5	28.9	-	11.3	-	88.7
Bumbum	128	12.6	222	21.8	10.1	29.3	-	1.6	-	98.4
Markapote	144	15.6	211	22.9	16.8	31.8	-	3.5	-	96.5
Rate for the District		15.7		24.1	17.6	27.6	-	2.3	0.6	97.1

No. 1210

OFFICE OF SANITARY COMMISSIONER,
Fort St. George, 7th June 1897.

From

SURGEON-LIEUT.-COL. W. G. KING, M.B., C.M., D.P.H.,

SANITARY COMMISSIONER FOR MADRAS.

To

THE

Secretary to Government,
Revenue Department.

Enclosure.

SIR,

In forwarding analysis of Vital Statistics required in G. O. No. 126 Revenue, dated 25th February 1897, I have the honor to state that although here and there in the distressed tracts of certain of the Districts there is evidence of increased death-rate of the old and young, the period over which the observations extend (three months) is too small to be of definite value. Taking the Districts as a whole (vide subjoined tables) it will be observed that notwithstanding the existence of distress there has been a diminution of the total death-rate from 18.8 per mille in 1895 to 17.4 in 1896. This is, however, in chief part due to the influence of drought in diminishing the great cause of death in these Districts, namely, fever - parts being notoriously malarious. If the fever-rate of 1895 be applied to



December
1896

to the estimated population of 1896 of the whole of the Districts including Bellary (which shows a slight excess of fever-rate) the total number of lives saved by the diminution of malaria amounts to 1942. The rate for small-pox in these Districts was 0.1 per mille less than in 1895. There was therefore a saving of life under this head of 102. On the other hand, the cholera rate was 0.2 in 1895 against 1.5 in 1896; so that under this head 1369 more deaths occurred in 1896. In other words, in the attempt to get some idea of the influence of these factors with the object of ascertaining the comparative mortality, had the conditions of 1895 as to fever prevalence been applicable to 1896, the total death-rate of the Districts would have been 17.5 against 15.6 now recorded; so that in reality there was an increase of mortality from ordinary causes during the months in question to the extent of 1.9 per mille per annum.

I have the honor to be,
Sir,

Your most obedient Servant,

W. Doon

Sanitary Commissioner,
Madras.

Actual fever
Deaths } 900
plus estimated } 194
no deaths } 1094

43 JUN 97

REVENUE DEPARTMENT.

1897.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Recd. 3.6.

Regd. 4.6.

1897.

Enclosures

Spare copies

Printed June th.

Proceedings, 27th May 1897, No. 403.

The death-rate shows here in former periods as compared with the death-rate in normal years is remarkably low. The Sanitary Commissioner might be asked (1) how he accounts for this, and (2) whether the same low death-rate prevails during the **MAY** corresponding period in uninfected districts.

Recorded

He has sent in a letter explaining it today.

Special death-rate returns.—Recording letter from the Sanitary Commissioner forwarding — called for by Government of India for February and March 1897.

This is C. No. 4869 linked to this, in which he appraises the mortality statistics in the Decatur districts for the quarter of 1896. He explains that in a season of drought there will be less malarial fever than usual and that in districts which have a high normal mortality from fever the rate

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 Famine Secretary, Board of Revenue, dated Fort St. George, 13th May 1897, No. 1070-S:—

With reference to the Proceedings of the Board of Revenue, dated 30th March 1897, Mis. No. 2402, I have the honour to forward herewith the special death-rate return called for by the Government of India for the months of February and March 1897. The returns from Ganjam for the months under reference have not yet been received in this office. They have been wired for and, on receipt, a supplemental statement will be rendered.

2. The rates have been communicated to the Government of India by wire this day, an extract from which is attached for information.

ENCLOSURE No. 1.

SPECIAL death-rate return for the famine-affected districts of the Madras Presidency—
February 1897.

Districts.	Death-rate of the month (per mille per annum).	Average death-rate of the month in ten previous years (per mille per annum).	Average death-rate of the month in ten previous non-famine years (per mille per annum).	Deaths from starvation.
Ganjam .. .. .	.. .. .	Will follow.	.. .. .	.. .. .
Vizagapatam .. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Bhadrachalam (Gōdāvari district)	16.8	16.3	15.4	.. .. .
Kurnool	13.1	36.7	33.5	.. .. .
Cuddapah	12.0	21.0	20.5	.. .. .
Bellary	15.5	17.6	17.4	.. .. .
Anantapur	13.9	18.3	17.8	.. .. .
.. .. .	14.2	15.2	14.8	.. .. .

* Owing to the fluctuation in the population for which returns were received, it has not been found possible to estimate the population correctly and consequently the rates have been calculated upon the average census population for which returns have been received.

ENCLOSURE No. 2.

SPECIAL death-rate return for the famine-affected districts of the Madras Presidency—
March 1897.

Districts.	Death-rate of the month (per mille per annum).	Average death-rate of the month in ten previous years (per mille per annum).	Average death-rate of the month in ten previous non-famine years (per mille per annum).	Deaths from starvation.
Ganjam .. .. .	.. .. .	Will follow.	.. .. .	.. .. .
Vizagapatam .. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Bhadrachalam (Gōdāvari district)	20.6	17.2	16.2	.. .. .
Kurnool	20.1	34.1	37.1	.. .. .
Cuddapah	13.7	25.2	23.2	.. .. .
Bellary	14.8	20.2	19.8	.. .. .
Anantapur	16.2	24.0	21.9	.. .. .
.. .. .	13.7	19.8	18.2	.. .. .

* Owing to the fluctuation in the population for which returns were received, it has not been found possible to estimate the population correctly and consequently the rates have been calculated upon the average census population for which returns have been received.

ENCLOSURE No. 3.

EXTRACT from a telegram sent to the Secretary to the Government of India, Department of Revenue and Agriculture (Famine), dated 13th May 1897.

Special death-rate return follows. Death-rate February 1897—Vizagapatam 16.8, Bhadrachalam 13.1, Kurnool 12.0, Cuddapah 15.5, Bellary 13.9, Anantapur 14.2. Average death-rate February of ten previous non-famine years—Vizagapatam 15.4, Bhadrachalam 33.5, Kurnool 20.5, Cuddapah 17.4, Bellary 17.8, Anantapur 14.8. Death-rate March 1897—Vizagapatam 20.6, Bhadrachalam 20.1, Kurnool 13.7, Cuddapah 14.8, Bellary 16.2, Anantapur 13.7. Average death-rate March of ten previous non-famine years—Vizagapatam 16.2, Bhadrachalam 37.1, Kurnool 23.2, Cuddapah 19.8, Bellary 21.9, Anantapur 18.2. Figures for Ganjam will follow.

2 RESOLUTION—dated 27th May 1897, No. 403.

Recorded.

(True Copy and Extract.)

Famine Secretary.

To the Secretary to Government, Revenue Department.
.. Collectors concerned.

death-
the rate of will be less than usual. This explanation appears to be satisfactory in regard to Kurnool & Cuddapah where fever is the main cause of death & probably also to Bellary & Anantapur which have a low death-rate from fever should a large decline in the rates.

Rs
12-6-97

It must have arisen from diminished mortality due to other causes

Exd. W. D'Moss.