

SUPPLEMENT

TO

The Ceylon Government Gazette,

PART I.

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VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF JANUARY, 1910.

REPORT OF THE REGISTRAR-GENERAL.

THIS report deals with the Vital Statistics of the 31 principal towns in the Island proclaimed under sections 31 to 36 of the Ordinance No. 1 of 1895.

Births.

2. The births registered in the 31 towns during the month numbered 1,299 (660 males and 639 females), and were equal to an annual rate of 31·06 per 1,000, against 30·10 during the preceding month, 34·06 in the corresponding month of last year, and 29·94 the monthly average for the 30 months, July, 1907, to December, 1909. Of the towns (excluding Vavuniya and Lunugala, which have a population under 1,000), the highest birth-rate was in Mannar (56·44, average 40·56), and the lowest in Hatton and Dikoya (11·84, average 15·80).

3. In the city of Colombo the births numbered 426 (209 males and 217 females), and were equal to an annual rate of 26·74 per 1,000, against 26·89 in the preceding month, 27·02 in the corresponding month of last year, and 25·12 the monthly average. Of the wards (omitting Fort and Galle Face and the Pettah, which contain a population mainly adult and floating), the highest birth-rate was in New Bazaar (30·02, average 23·20), and the lowest in St. Paul's (15·20, average 18·02).

Deaths.

4. The deaths registered in the 31 towns during the month numbered 1,530 (816 males and 714 females), and were equal to an annual rate of 29·86 per 1,000, against 29·75 during the preceding month, 38·63 in the corresponding month of last year, and 31·58 the monthly average. The health of the towns was thus better than usual, but slightly worse than in the previous month. Excluding Vavuniya and Lunugala, the highest death-rate was in Mullaitivu (63·01, average 48·83), followed by Mannar (52·35, average 36·48), and the lowest in Kegalla (9·30, average 22·43).

5. In the city of Colombo the deaths registered numbered 521 (265 males and 256 females), and were equal to an annual rate of 30·81 per 1,000, against 33·28 during the preceding month, 41·61 in the corresponding month of last year, and 34·03 the monthly average. The city was thus healthier than usual and than in the previous month. Omitting the Fort and Galle Face Ward and the Pettah Ward, the lowest death-rate was in Kollupitiya (20·80, average 20·20), and the highest in New Bazaar (28·32, average 30·80).

Infantile Mortality.

6. The infantile mortality of the 31 towns was equal to a rate of 239 per 1,000 births registered, against 287 in the previous month, 285 in the corresponding month of last year, and 319 the monthly average. In the towns having an estimated population of 5,000 or more, the infant mortality ranged from a rate of 448 in Trincomalee (average 355) to 49 in Negombo (average 206).

7. The infantile mortality in the city of Colombo was 312 per 1,000 births registered, against 374 in the previous month, 367 in the corresponding month of last year, and 407 the monthly average, and ranged from 500 in St. Paul's (average 390) to 93 in Kollupitiya (average 300).

Causes of Death.

8. Infants.—Out of the 1,530 deaths from all causes at all ages in the 31 towns, 311 were among infants under one year. Of these, the chief causes were 98 *Convulsions* (including 28 in Colombo, 17 in Galle, 9 in Trincomalee); 55 *Debility* (25 in Colombo, 6 in Moratuwa, 4 in Matale); 36 *Premature Birth* (9 in Jaffna, 7 each in Colombo and Moratuwa); 17 *Pneumonia* (10 in Colombo); 16 *Tetanus* (11 in Colombo); 14 *Bronchitis* (11 in Colombo).

9. Out of the 521 deaths from all causes at all ages in the city of Colombo, 133 were among infants under one year. Of these, the chief causes were 28 *Convulsions* (11 in Maradana exclusive of hospitals, 4 in New Bazaar); 25 *Debility* (8 in Slave Island, 5 in New Bazaar); 11 *Bronchitis* (3 each in Kotahena, New Bazaar, and Maradana exclusive of hospitals); 11 *Tetanus* (4 in St. Paul's, 3 in New Bazaar); 9 *Pneumonia* (3 in Kotahena); 7 *Premature Birth* (3 in Kotahena); 7 *Diarrhoea* (2 each in Kotahena, Maradana exclusive of hospitals, and Slave Island).

10. **General Mortality (One year and over).**—Out of the 1,219 deaths of persons one year and over in age in the 31 towns, there were 171 from *Diarrhœa* (24 in Colombo); 117 from *Pneumonia* (36 in Colombo, 10 in Galle); 95 from *Dysentery*; 94 from *Phthisis* (49 in Colombo, 11 in Galle); 57 from *Dochmias Duodenalis*; 40 from *Malarial Cachexia*; 31 from *Bronchitis*; 29 from *Enteric Fever* (18 in Colombo, 6 in Moratuwa).

11. The highest mortality in the town of Colombo was from *Phthisis* (13 per cent. of all deaths one year and over), followed by *Pneumonia* (9 per cent.), *Diarrhœa* (6 per cent.), *Bronchitis* (6 per cent.), *Dysentery* (5 per cent.), and *Enteric Fever* (5 per cent.). Out of 94 deaths from *Phthisis* in all towns, 49 occurred in Colombo. This and *Pneumonia* were responsible for 96 deaths at all ages in the city, or 18 per cent. of the deaths from all causes in it.

With my report for last month there was a chart issued showing the mortality from *Phthisis*, *Pneumonia*, and *Enteric Fever* in each month of the years 1907–1909.

12. Taking all the towns together, *Diarrhœa* and *Dysentery* contributed the highest mortality (19 per cent.); followed by *Bronchitis* and *Pneumonia* (12 per cent.), *Infantile Convulsions* (8 per cent.), and *Phthisis* (6 per cent.).

13. For detailed information see Tables I. and II. for all towns, and Tables III. and IV. for the city of Colombo, in the Appendix.

Registrar-General's Office,
Colombo, February 15, 1910.

ARUNACHALAM,
Registrar-General.

Table I.—Number of Births and Deaths registered during January, 1910, their Proportion per 1,000 of the Population per Annum, the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates and Infantile Mortality from July, 1907, to December, 1909, and the Mean Temperature and Rainfall in the month in each Town of the Island proclaimed under Sections 31–36 of Ord. No. 1 of 1895.

Town, Towns, ..	Population (inclusive of the Military) at the Census of 1901. ..	Total Births.		Total Deaths.		Deaths in Hos- pitals and Resi- dents. ..	Deaths of Non-re- sidents. ..	Deaths of Persons. Males. Females ..	Birth-rate. Crude. January, 1910. ..	Death-rate. Corrected. January, 1910. ..	Deaths of Chi- ldren under One Year to Dec., 1909. ..	Deaths of Chi- ldren under One Year to Jan., 1910. ..	Mean Tem- per- ature. ° ..	Rainfall in Inches. ..		
		Males. ..	Females ..	Males. ..	Females ..											
All 31 Towns ..	423,109	492,398	660	639	1,299	816	714	1,630	438	29.94	31.03	28.26	31.58	31.1	31.9	
Western Province.																
Colombo	187,554	209	217	426	265	521	80	441	41	25.12	26.74	27.68	34.03	30.81	13.3	
Negombo	20,683	20	21	41	21	9	30	24	24	42.77	23.34	13.66	28.40	13.93	2.2	
Moratuwa	35,493	73	60	133	41	42	83	83	32.53	44.12	27.53	20.91	25.99	22	195	
Kalutara	12,127	23	25	48	14	15	29	3	26	34.02	46.60	25.24	29.79	24.59	7	
Panadure	4,401	7	8	15	13	5	18	9	9	35.37	40.13	24.08	30.77	25.57	1	
Central Province.																
Kandy	26,511	30,289	30	23	53	44	29	73	12	61	29.02	20.60	23.71	29.77	24.86	8
Gampola	4,859	4	9	13	12	3	15	7	8	35.91	31.50	19.38	46.98	20.50	1	
Navalapitiya	4,222	4	2	3	5	14	10	20	4	24.85	13.95	11.16	22.78	13.20	2	
Hettin and Dikoya	3,979	2	2	2	4	19	43	40	3	16.80	11.84	8.86	9.54	—	400	
Matale	6,776	7	6	13	13	19	10	29	15	14	30.15	26.50	22.54	32.52	—	126
Nuwara Eliya	9,054	11	4	15	7	9	16	5	11	15.43	19.51	14.30	18.73	4	314	
Northern Province.																
Jaffna	35,691	53	118	61	63	114	—	—	114	42.16	38.93	37.61	34.20	39.63	32	
Mannar	3,338	6	10	16	9	4	13	—	13	40.56	56.44	45.85	36.48	52.35	5	
Mullaithivu	1,432	3	—	3	4	3	—	2	7	32.00	24.67	57.56	49.83	63.01	3	
Vavuniya	566	—	—	—	—	—	—	—	1	23.45	—	19.53	148.56	23.49	—	
Southern Province.																
Galle	40,844	48	134	70	76	146	15	131	29.79	38.62	37.76	27.53	36.92	29	256	
Matale	13,651	30	21	51	14	23	37	—	17	38.48	43.99	31.91	25.12	30.90	9	
Welligama	10,720	17	15	32	12	5	17	—	11	18.31	35.16	18.67	9.93	—	4	
Hambantota	3,117	6	5	11	6	5	11	—	11	37.00	41.55	41.55	30.69	43.50	4	
Tangalle	2,333	2	1	3	5	2	7	1	6	32.86	13.00	26.01	40.15	27.48	3	
Eastern Province.																
Batticaloa	10,564	7	10	17	15	18	33	5	28	33.79	18.94	31.22	37.03	32.18	6	
Trincomalee	11,295	12	17	29	16	23	39	—	39	27.75	30.23	40.65	34.32	47.15	13	
North-Western Province.																
Kurunegala	8,564	8	14	22	19	16	35	14	21	25.55	30.25	28.87	59.06	34.01	3	
Puttalam	6,248	6	13	18	10	6	16	2	14	35.35	40.38	31.42	42.86	32.16	4	
Kalpitiya	1,673	2	1	3	8	—	8	—	8	25.23	21.11	56.29	28.79	—	3	
Chilaw	4,614	8	11	19	10	8	18	1	17	35.66	48.49	43.38	31.06	44.19	1	
North-Central Province.																
Anuradhapura	5,241	6	6	12	13	8	21	6	15	23.54	26.96	33.70	56.32	38.83	5	
Province of Uva.																
Badulla	5,924	12	7	19	22	12	34	24	10	30.58	32.37	17.04	27.56	17.42	2	
Lunugala	—	2	—	2	13	15	28	28	—	41.08	56.61	—	40.27	—	198	
Province of Sabaragamuwa.																
Ratnapura	4,084	11	5	16	49	42	7	7	30.59	40.23	17.60	38.94	19.21	2		
Kegalla	2,340	4	8	14	12	2	26.79	35.71	2	26.79	35.71	8.93	22.43	220	250	

* I.e., rate calculated on the basis that the age- and sex-constitution of the population of each town is the same as for the whole Island, and also (as in crude rate) excluding non-residents.
 † Infantile death-rate for "Hatten and Diloy".
 § Corrected death-rates for "Hatten and Trincomalee".
 || Population of Mannar and Trincomalee towns not separately enumerated at the Census of 1901.
 ** Population estimated for 1910, less (in the case of Trincomalee) the population of Mannar and Trincomalee towns not separately enumerated at the Census of 1901.
 ¶ Population estimated for 1910, less (in the case of Trincomalee) the population of Mannar and Trincomalee towns not separately enumerated at the Census of 1901.
 # Population estimated for 1910, less (in the case of Trincomalee) the population of Mannar and Trincomalee towns not separately enumerated at the Census of 1901.
 ** Population estimated for 1910, less (in the case of Trincomalee) the population of Mannar and Trincomalee towns not separately enumerated at the Census of 1901.
 ^ The Military, who are no longer stationed there, are not included in the population of Luntgala.

Table II.—Causes of Deaths registered during January, 1910, in each Town of the Island proclaimed under Sections 31-36 of Ordinance No 1 of 1896.

which occurred in the Empire Hospital, Kansas, wide Table IV, footnote (*). Three from Prolonged Labour (2 in Jaffna, 1 in Kallutara), 2 from Thrush (in Morawalai) and 1 each from Cuckoo, Kingfisher, Starling, Drongo, and 4 from Town Residents which occurred in the Empire Hospital, Kansas, wide Table IV, footnote (*).

Puttalam).

This contains, besides the 33 deaths described in Table IV., footnote 1, 7 deaths from Enteritis (5 in Galle, 1 each in Jaffna and Batticaloa), 2 each from Dysentery (in Jaffna) and Thrush (in Moratuwa), and 1 each from Fever, Abscess, Erysipelas, Nephritis, and Measles (in Jaffna), Worms (in Weligama), Stomatitis (in Chilaw), and Malaria Cachexia (in Badulla).

Table II.—Causes of Deaths registered during January, 1910, in each Town of the Island proclaimed under Sections 31–36 of Ordinance No. 1 of 1895—continued.

Causes of Deaths.	All 31 Towns.	Western Province.	Central Province.	Northern Province.	Southern Province.	Eastern Province.	North-Western Province.	North-Central Province.	Province of Sabaragamuwa.	Deaths among all Races.	Others.
II.—General Mortality—contd.											
6. Enteric Fever	29	18	—	6	—	—	—	—	—	22	3
7. Remittent Fever	12	3	—	2	—	—	—	—	—	3	1
8. Ague	25	—	—	1	—	—	—	—	—	8	—
9. Malaria Cachexia	40	2	—	—	1	—	—	—	—	4	1
10. Cholera	—	—	—	—	—	—	—	—	—	—	—
11. Diarrhoea	171	24	6	3	3	7	9	2	9	14	1
12. Dysentery	95	19	3	1	1	4	3	1	1	19	5
13. Dochmias Duodenalis	57	11	—	—	2	9	1	1	1	25	8
14. Cancer	2	—	—	—	—	—	—	—	—	12	1
15. Phthisis	94	49	1	1	—	3	4	—	—	44	1
16. Other tubercular diseases	16	2	—	6	—	1	—	—	—	28	1
17. Anaemia	6	—	3	1	—	—	—	—	—	12	2
18. Diabetes Mellitus	2	—	—	—	2	—	—	—	—	3	—
19. Convulsions	23	8	—	—	—	—	—	—	—	3	—
20. Tetanus	10	6	1	—	—	—	—	—	—	14	1
21. Bronchitis	31	24	—	—	1	—	—	—	—	8	—
22. Pneumonia	117	36	4	5	3	9	3	1	5	54	1
23. Other Diseases of Respiratory System	20	8	1	6	—	—	—	—	—	1	10
24. Bright's Disease and Nephritis	16	5	—	2	—	1	—	—	—	1	8
25. Puerperal Convulsions	5	3	—	—	2	—	—	—	—	1	1
26. Puerperal Fever	8	1	—	—	—	—	—	—	—	6	1
27. Miscarriage	—	—	—	—	—	—	—	—	—	2	—
28. Other and undefined Accidents of Childbirth	—	—	—	—	—	—	—	—	—	1	4
29. Starvation	9	6	—	—	1	—	—	—	—	3	—
30. Accidents or Negligence	2	—	—	—	—	—	—	—	—	2	—
31. Homicide	12	3	—	—	—	—	—	—	—	5	1
32. Suicide	2	2	—	—	—	—	—	—	—	1	—
33. Execution	3	—	—	—	—	—	—	—	—	3	—
34. All other causes	388*	152	7	29	9	3	18	1	3	14	47

* Here are included 64 deaths from Old Age (20 in Colombo, 10 in Galle), 63 from Debility (18 in Colombo, 7 in Galle), 53 from Enteritis (33 in Colombo, 7 in Galle), 56 from Paralysis (6 in Colombo), and 10 from Dropsy (3 in Colombo).

Table III.—Number of Births and Deaths registered during the Month of January, 1910, and their Proportion per 1,000 of the Population, and the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates and Infantile Mortality from January, 1908, to December, 1909, in each Ward of the City of Colombo.

Wards.	Population (exclusive of the Military) beginning of 1910 by Intercensal Increase. Census of 1901.	Population estimated to the beginning of 1910 by Males. Females. Persons.	Total Births registered. Males. Females. Persons.	Total Deaths including Deaths in Hospitals and Jails.			Deaths of Non-residents. Persons.	Deaths of Residents. Persons.	Per Mille per Annum.			Deaths of Children under One Year. Average January, 1910, to Dec., 1909.	Deaths of Children under One Year of Age registered. Average January, 1910, to Dec., 1909.					
				Crude Death-rate. Birth-rate.					Average January, 1910, to Dec., 1909.	Average January, 1910, to Dec., 1909.	Crude Death-rate. Corrected Death-rate.*							
				Average January, 1910.	January, 1910.	January, 1910.												
City of Colombo ..	155,889	185,704	209	217	426	265	256	521	80	441	25·25	26·74	30·94	27·68	30·81	133	333	312
Fort and Galle Face	2,285	2,285‡	—	2	2	—	—	—	—	—	5·25	10·31	6·82	—	—	139	—	—
Pettah ..	7,561	7,561‡	1	3	4	6	3	9	—	9	6·90	6·23	12·30	14·02	—	1	386	—
San Sebastian ..	9,349	10,796	13	12	25	12	14	26	—	26	21·59	27·04	23·81	28·12	—	7	329	280
St. Paul's ..	20,260	24,522	17	15	32	17	27	44	—	44	18·02	15·20	24·31	20·90	—	16	390	500
Kotahena ..	23,355	39,011	36	50	86	39	45	84	—	84	22·70	25·73	25·70	25·13	—	24	356	279
New Bazaar ..	17,470	20,595	26	27	63	25	25	50	—	60	23·20	30·02	30·80	28·32	—	17	415	321
Maradana Hospitals	26	30	56	55	57	142	80	62	—	—	—	—	—	—	—	—	—	—
Maradana (exclusive of Hospitals) ..	30,381	38,029	24	62	40	45	85	—	85	22·50	18·95	29·17	25·98	—	28	371	452	
Slave Island ..	16,927	20,504	24	28	62	22	16	38	—	38	24·57	29·53	28·01	21·58	—	18	368	346
Kollupitiya ..	18,261	23,975	28	26	54	19	24	43	—	43	16·19	26·12	20·20	20·80	—	5	300	93

* For explanation of "corrected death-rate" see note * Table I. The population of the several wards of the city not being available by age- and sex-constitution, their corrected death-rates cannot be calculated.

† Infantile death-rates omitted where number of births is less than five.

‡ The population of those two wards being a fluctuating one, their estimated population cannot be calculated. Hence the Census figures are retained.

Table IV.—Causes of Deaths registered during the Month of January, 1910, in each Ward and Race of the City of Colombo.

Ward.	Causes of Deaths.	Deaths among all Races.																			
		City of Colombo.	Port and Galle Face.	Pettah.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Slave Island.	Kollupitiya.	Sinhalese.	Burmahers.	Europeans.	Moors.	Malays.	Others.					
	All Causes	521*	—	9	26	44	84	50	142	85	38	48	5	35	254	114	79	19	15		
I.—Infantile Mortality		183	—	1	7	16	24	17	17	28	18	5	1	8	53	25	28	9	4		
A.—One Week and under.																					
1. Prematurity		6	—	—	—	—	—	2	—	1	1	—	—	—	4	1	—	1	—	—	
2. Debility		13	—	—	—	—	—	4	—	3	3	—	—	—	3	—	—	3	—	—	
3. Convulsions		6	—	—	—	—	—	1	—	4	1	—	—	—	1	3	—	1	—	—	
4. Diarrhoea		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus		7	—	—	—	—	—	2	—	—	—	—	—	—	1	1	—	—	—	—	
6. Bronchitis		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. Other Causes		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B.—Over 1 Week and under 1 Year.																					
1. Prematurity		1	—	—	—	—	—	1	—	1	2	—	—	—	5	—	—	1	—	—	
2. Debility		12	—	—	—	—	—	2	—	2	2	—	—	—	11	4	—	2	—	—	
3. Convulsions		22	—	—	—	—	—	7	—	1	2	—	—	—	5	—	—	2	—	—	
4. Diarrhoea		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus		4	—	—	—	—	—	1	—	1	2	—	—	—	3	—	—	3	—	—	
6. Bronchitis		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia		9	—	—	—	—	—	1	—	2	3	—	—	—	1	—	—	4	—	—	
8. Other Causes		34†	—	—	—	—	—	1	—	2	4	5	1	—	1	4	—	2	—	—	
II.—General Mortality (1 Year and over)		383	—	—	8	19	28	60	33	126	57	20	38	4	27	196	89	51	10	11	
1. Smallpox		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Chickenpox		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Measles		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Influenza		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

* Includes 4 deaths of town residents who died in the Enteric Hospital at Kanatta (of a Tamil removed from New Bazaar, a Sinhalese and a Malay from Maradana exclusive of hospitals, and a Sinhalese from Kollupitiya).
† Represents the death of a Sinhalese from Maradana hospitals and 1 in Maradana hospitals.
‡ Represents 7 deaths of a Sinhalese from Maradana hospitals and 1 in Maradana hospitals.
§ Represents 1 death of a Sinhalese from Maradana hospitals and Slave Island.
|| Represents 1 death of a Sinhalese from Slave Island.
2 from Abscess (1 each in Maradana exclusive of hospitals and Slave Island), 2 from Dysentery (1 each in San Sebastian, Kotahena, and Maradana hospitals), 2 from Enteritis (in St. Paul's and Kotahena), 1 each from Thrush (in St. Paul's), Laryngitis, and Worms (in Kotahena), Heart Disease (in New Bazaar), Prolapse of Gut (in hospitals), Dropsey, and Inflammation of Lungs (in Kollupitiya).

Table IV.—Census of Deaths registered during the Month of January, 1910, in each Ward and Race of the City of Colombo—contd.

Exclusive of hospitals., 18 from Debtality [10 in Kotahena, 4 in Maradana hospitals], 3 from Debtality [10 in Kotahena, 4 in Maradana hospitals], 15 from Maradana exclusive of hospitals, 15 from Worms [5 in Maradana exclusive of hospitals, 3 in Kotahena], 7 from Valve Disease of Heart [6 in Maradana hospitals], and 6 from Paralysis [2 each in Maradana exclusive of hospitals and Kollupitiya].