

SUPPLEMENT
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PART I.

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**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF MARCH, 1911.**

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 1,461 (757 males and 704 females), and were equal to an annual rate of 33·93 per 1,000, against 35·29 during the preceding month, 29·03 in the corresponding month of last year, and 29·60 the monthly average for the forty-two months, July, 1907, to December, 1910. In the town of Lunugala there were no births registered. Of the other towns (excluding Vavuniya, which has a population under 1,000), the highest birth-rate was in Mullaittivu (57·00, average 34·40), and the lowest in Batticaloa (15·51, average 31·81).

3. In the city of Colombo* the births numbered 481 (236 males and 245 females), and were equal to an annual rate† of 28·66 per 1,000, against 32·79 in the preceding month, 25·61 in the corresponding month of last year, and 25·23 the monthly average. Of the wards (omitting Fort and Galle Face and the Pettah, which contain a population mainly floating), the highest birth-rate was in Kotahena (30·48, average 22·63), and the lowest in St. Paul's (15·34, average 17·43).

Deaths.

4. The deaths registered in the 31 towns during the month numbered 1,412 (802 males and 610 females), and were equal to an annual rate of 26·84 per 1,000, against 30·83 during the preceding month, 24·05 in the corresponding month of last year, and 30·28 the monthly average. In the towns of Lunugala and Kegalla there were no deaths of residents, the 16 and 12 deaths which occurred respectively in those towns being of non-residents. Of the other towns (excluding Vavuniya), the highest death-rate was in Mullaittivu (115·89, average 49·02), and the lowest in Panadura (11·20, average 27·74). Nuwara Eliya recorded the next lowest (12·80, average 13·71).

5. In the city of Colombo* the deaths registered numbered 515 (308 males and 207 females), and were equal to an annual rate† of 29·31 per 1,000, against 33·62 during the preceding month, 23·06 in the corresponding month of last year, and 32·35 the monthly average. Omitting Fort and Galle Face Ward and the Pettah Ward, the lowest death-rate was in Kollupitiya (18·07, average 19·64), and the highest in New Bazaar (28·35 average 28·64).

Infantile Mortality.

6. The infantile mortality of the 31 towns was equal to a rate of 188 per 1,000 births registered, against 232 in the preceding month, 215 in the corresponding month of last year, and 254 the monthly average. In the towns having an estimated population of 5,000 or more, the infantile mortality ranged from 357 in Batticaloa (average 335), 269 in Jaffna (average 270), 231 in Anuradhapura (average 410), to 99 in Moratuwa (average 156), 69 in Weligama (average 99), and 37 in Matale (average 251).

7. The infantile mortality in the city of Colombo was 227 per 1,000 births registered, against 247 in the previous month, 260 in the corresponding month of last year, and 317 the monthly average, and ranged from 478 in New Bazaar (average 388) to 115 in Kollupitiya (average 275).

Causes of Death.

8. *Infants.*—Out of the 1,412 deaths from all causes at all ages in the 31 towns, 275 were among infants under one year. Of these, the chief causes were 80 *Convulsions* (including 32 in Colombo, 7 in Kandy, 5 each in Jaffna, Matara, and Batticaloa, 4 in Moratuwa); 49 *Debility* (16 in Colombo, 8 in Kandy, 7 in Jaffna); 35 *Premature Birth* (5 each in Colombo, Moratuwa, and Jaffna, 4 in Galle); 26 *Tetanus* (10 in Colombo, 8 in Galle, and 5 in Jaffna); 22 *Pneumonia* (14 in Colombo, 4 in Galle); 19 *Bronchitis* (11 in Colombo, 4 in Jaffna); 12 *Diarrhoea* (5 in Colombo) 3 in Matara).

* Consequent on the extension of the limits of the Colombo Municipality in February, 1910, by adding about 49 acres to Kotahena Ward, 531 to Maradana Ward, and 1,013 to Kollupitiya Ward, it became necessary to alter the limits of these registration divisions to make them co-terminous with the Municipal divisions, and this was done with effect from October 1, 1910, by Proclamation of September 13, 1910. The population of the town was increased but slightly, as the added parts are not populous. An additional Registrar has from October 1 been appointed to Kollupitiya Ward, owing to the large area of the ward as enlarged, the ward being divided into two registration divisions, north and south.

† The city-rate is worked out independently of the ward-rates and on a different basis of population, and takes into account hospital events, &c., not assignable to wards.

9. In the city of Colombo, out of the 515 deaths from all causes at all ages, 109 were among infants under one year. Of these, the chief causes were 32 *Convulsions* (11 in Maradana exclusive of hospitals, 8 in New Bazaar, 4 in St. Paul's, 3 in Kotahena); 16 *Debility* (6 in Kotahena, 3 each in New Bazaar and Slave Island); 14 *Pneumonia* (7 in Maradana exclusive of hospitals, 3 in New Bazaar, 2 in Kotahena); 11 *Bronchitis* (5 in St. Paul's, 2 each in San Sebastian and New Bazaar); 10 *Tetanus* (5 in Kotahena, 3 in New Bazaar); 5 *Diarrhoea* (3 in Kotahena).

10. **General Mortality (One Year and over).**—Out of the 1,137 deaths of persons one year and over in age in the 31 towns, there were 169 from *Pneumonia* (71 in Colombo, 9 each in Moratuwa and Kurunegala, 7 in Jaffna, 6 each in Negombo, Kandy, and Matale, 5 each in Kalutara, Mannar, and Galle); 131 from *Diarrhoea* (24 in Ratnapura, 16 in Colombo, 12 in Nawalapitiya, 11 in Galle, 9 in Kandy, 8 in "Hatton and Dikoya," 6 in Matale, 5 in Matara); 93 from *Phthisis* (56 in Colombo, 10 in Galle, 7 in Moratuwa, 5 in Kandy); 68 from *Dysentery* (14 in Ratnapura, 10 in Badulla, 7 in Colombo); 50 from *Enteritis* (33 in Colombo, 11 in Badulla); 46 from *Enteric Fever* (34 in Colombo, 8 in Moratuwa); 45 from *Dochmius Duodenalis* or *Anchylostomiasis* (7 each in "Hatton and Dikoya" and Matale, 6 in Colombo, 5 in Kurunegala); 41 from *Remittent Fever* (7 in Colombo, 6 in Trincomalee, 5 in Jaffna); 36 from *Malarial Cachexia* (9 in Ratnapura); 24 from *Bronchitis* (16 in Colombo); 22 from *Bright's Disease* and *Nephritis* (7 in Colombo, 3 each in Galle and Badulla).

11. The highest mortality in the city of Colombo was from *Pneumonia* (17 per cent. of all deaths one year and over), followed by *Phthisis* (14 per cent.), *Enteric Fever* (8 per cent.), *Enteritis* (8 per cent.). Out of the 93 deaths from *Phthisis* in all towns at all ages, 56 occurred in Colombo. *Phthisis* and *Pneumonia* were together responsible for 141 deaths at all ages in the city, or nearly 27 per cent. of the deaths from all causes.

12. Taking all the towns together, *Bronchitis* and *Pneumonia* contributed the highest mortality (17 per cent.), followed by *Diarrhoea* and *Dysentery* (15 per cent.), *Infantile Convulsions* (8 per cent.), and *Phthisis* (7 per cent.).

Meteorology.

13. *Rainfall.*—Ratnapura records the highest rainfall (9.58 inches), followed by Galle (7.48 inches), the next highest, 6.77 inches and 6.50 inches, were in Kalutara and Kandy respectively. Colombo records 2.39 inches. In Tangalla, Hambantota, Trincomalee, Matale, Mannar, and Batticaloa the rainfall was less than one inch, while in Mullaittivu there was no rainfall at all.

14. *Temperature.*—The mean temperature varied from 60.0° in Nuwara Eliya, to 83.7° in Kurunegala, 83.4° in Jaffna, and 84.9° in Mannar, and was 80.6° in Colombo, 78.2° in Kandy, and 73.1° in Badulla.

15. 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, April 20, 1911.

P. ARUNACHALAM,
Registrar-General.

Table I.—Number of Births and Deaths registered during March, 1911, 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, 1910, and the Mean Temperature and Rainfall in the month in each Town of the Island proclaimed under Sections 31-36 of Ordinance No. 1 of 1895.

Town.	Population (inclusive of the Military) at the Census of 1901.	Population estimated to the Middle of 1911 by Inter-censal Increase.	Total Births.		Total Deaths.		Deaths in Hospitals and Jails of Non-residents.	Birth-rate.		Death-rate.		Deaths of Children under One Year.	Deaths of Children under One Year of Age to 1,000 Births.		Mean Temperature.	Rainfall in Inches.	
			Males.	Females.	Males.	Females.		July, 1907, to Dec., 1910.	March, 1911.	July, 1907, to Dec., 1910.	March, 1911.		July, 1907, to Dec., 1910.	March, 1911.			
All 31 Towns	423,109	507,042§	757	704	802	610	1,412	1,694	29.60	33.93	25.40	26.84 	275	254	188		
<i>Western Province.</i>																	
Colombo	155,869	197,613§	236	245	308	207	515	442	25.23	28.66	26.34	29.31	109	317	227	80.6	2.39
Negombo	19,819	20,778	25	26	16	14	30	27	37.73	28.90	15.30	15.59	10	164	196	—	4.50
Moratuwa	29,600	36,190	74	67	22	41	63	63	32.55	45.87	20.50	19.35	14	156	99	—	—
Kalutara	11,500	12,196	27	24	15	17	32	30	33.17	49.23	28.96	28.22	7	162	137	—	6.77
Panadura	3,845	4,465	10	10	7	4	11	4	33.63	52.74	10.54	11.20	1	201	50	—	—
<i>Central Province.</i>																	
Kandy	26,511	30,725	61	37	42	35	77	63	28.53	37.55	24.14	25.32	21	230	214	78.2	6.50
Gampola	3,791	4,990	5	5	10	11	21	13	35.54	23.59	30.67	42.11	4	248	400	—	4.58
Nawalapitiya	3,454	4,312	5	8	14	16	30	6	24.73	35.50	16.39	23.28	1	285	77	—	—
Hatton and Dikoya	2,858	4,125	6	3	15	10	25	8	15.33	25.69	22.83	—	2	169	222	—	5.51
Matale	4,951	5,873	12	15	23	8	31	15	31.38	54.13	30.07	40.43	1	251	37	—	0.66
Nuwara Eliya	5,072	9,634	7	7	6	6	12	8	15.39	17.11	9.78	12.80	2	297	143	60.0	2.46
<i>Northern Province.</i>																	
Jaffna	33,879	35,892	64	51	49	39	88	88	40.19	37.72	28.87	33.72	31	270	269	83.4	3.06
Mannar	3,338	3,338¶	6	7	11	3	14	14	40.84	45.85	49.38	56.38	—	191	0	84.9	0.15
Mullattivu	1,308	1,446	4	3	5	8	13	13	34.40	57.00	105.86	115.89	4	198	571	—	0.00
Vavuniya	566	607	2	1	1	5	6	5	24.85	58.20	97.01	116.66	1	337	—	—	2.35
<i>Southern Province.</i>																	
Galle	37,165	41,259	60	70	50	48	98	87	29.65	37.10	24.26	28.07	18	207	139	80.6	7.48
Matara	31,848	13,859	26	35	19	15	34	32	38.37	51.82	27.18	23.97	8	164	131	—	2.65
Weligama	7,430	11,163	14	15	10	13	23	23	22.05	30.61	24.28	11.84	2	99	69	—	—
Hambantota	2,843	3,148	6	7	8	5	13	12	36.77	48.62	44.88	32.41	2	329	164	81.3	0.78
Tangalla	2,333	2,760	5	4	8	4	12	12	36.68	38.39	51.19	38.77	4	204	444	—	0.95
<i>Eastern Province.</i>																	
Batthalao	9,969	10,629	8	6	14	10	20	19	31.81	15.51	21.05	21.70	5	335	357	81.5	0.11
Trincomalee	11,887	11,295¶	22	7	13	10	23	23	28.61	30.23	23.98	27.63	6	274	207	82.8	0.71
<i>North-Western Province.</i>																	
Kurunegala	6,483	8,828	14	11	27	10	37	17	26.49	33.36	22.68	26.72	5	359	200	83.7	1.74
Puttalam	5,115	5,263	13	7	10	4	14	9	37.24	44.75	20.14	39.46	2	277	100	81.3	1.82
Kalpitiya	1,487	1,695	4	4	8	3	11	11	25.34	27.79	76.43	30.63	4	293	—	—	—
Chilaw	4,168	4,664	6	12	6	6	12	12	35.34	45.44	30.29	32.32	3	186	167	—	1.74
<i>North-Central Province.</i>																	
Anuradhapura	3,672	5,445	8	5	10	7	17	14	24.11	28.11	30.27	34.89	3	410	231	82.8	2.26
<i>Province of Uva.</i>																	
Badulla	5,924	7,025	14	10	18	21	39	10	30.57	40.22	16.76	27.54	3	243	125	73.1	1.29
Lunugala	—	416**	—	—	12	4	16	—	49.83	0	0	43.66	—	178	0	—	—
<i>Province of Sabaragamuwa.</i>																	
Ratnapura	4,084	4,752	10	5	43	20	63	14	31.59	37.16	34.69	37.45	2	226	133	81.9	9.58
Kegalla	2,340	2,672	3	1	6	6	12	2	28.19	17.62	0	21.48	—	220	0	—	—

* 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 omitted where the number of births is less than five. ‡ Blank indicates that there are no observations or rain-gauges. § This includes the population estimated as added on the extension of the town limits. See note * p. 1. || Corrected death-rates for Hatton and Dikoya, Weligama and Kalpitiya, towns not available, as they were created registration districts after the Census of 1901. The death-rate given for All Towns * p. 1 is therefore independent of these towns, but is scarcely affected by their rates. ¶ Population of Mannar and Trincomalee towns not having been separately enumerated at the Census of 1891, no estimate can be made of the rate of growth, 1891-1900 or 1901-1911. The population estimated for 1911 is the Census population of 1901, less (in the case of Trincomalee) the Military, who are no longer stationed there. ** The population of Lunugala town (as now constituted) was not enumerated at the Census of 1901; the estimate is of the population at the beginning of October, 1907.

Table III.—Number of Births and Deaths registered during the Month of March, 1911, 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, 1910, in each Ward of the City of Colombo.

Wards.	Population (inclusive of the Military) at the Census of 1901.	Population estimated to the Middle of 1911 by Inter-censal Increase.	Total Births registered.		Total Deaths including Deaths in Hospitals and Jails.		Deaths of Non-residents.	Deaths of Residents.	Per Mille per Annum.				Deaths of Children under One Year.	Deaths of Children under One Year of Age to 1,000 Births registered.			
			Persons.		Persons.				Birth-rate.	Crude Death-rate.		Corrected Death-rate.					
			Males.	Females.	Males.	Females.				Average January, 1908, to Dec., 1910.	March, 1911.		Average January, 1908, to Dec., 1910.	March, 1911.			
																	Average January, 1908, to Dec., 1910.
City of Colombo	155,869	197,613†	286	245	481	308	207	515	73	442	28.66	29.07	26.34	29.31	109	321	227
Fort and Galle Face	2,285	2,285§	—	1	1	2	—	2	—	2	5.15	7.30	10.31	—	—	148	—
Pettah	7,561	7,561§	3	2	5	4	2	6	—	6	7.79	12.56	9.34	—	—	346	—
San Sebastian	9,349	11,064	7	9	16	15	7	22	—	22	21.72	23.40	23.41	—	5	337	312
St. Paul's	20,260	25,330	16	17	33	31	22	53	—	53	17.43	23.60	24.64	—	13	407	394
Kotahena	33,355	40,168†	52	52	104	49	43	92	—	92	22.63	24.44	26.97	—	25	331	240
New Bazaar	17,470	21,178	21	25	46	25	26	51	—	51	23.30	28.64	28.35	—	22	388	478
Mareadana Hospitals			44	56	100	95	35	130	73	57	—	—	—	—	6	—	—
Mareadana (exclusive of Hospitals)	30,381	42,148†	47	38	85	43	39	82	—	82	22.63	27.69	22.91	—	24	355	282
Slave Island	16,927	21,187	20	19	39	21	12	33	—	33	24.17	26.14	18.34	—	8	380	205
Kollupitiya	18,281	28,662†	26	26	52	23	21	44	—	44	17.04	19.64	18.07	—	6	275	115

* 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.

‡ This includes the population estimated as added on the extension of the town limits. See note *, p. 1.

§ The population of these 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 March, 1911, in each Ward and Race of the City of Colombo.

Causes of Deaths.	City of Colombo.	Ward.									Death Among all Races.							
		Fort and Galle Race.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.
All Causes	515	2	6	22	53	92	51	130	82	33	44	6	18	247	122	87	18	17
I.—Infantile Mortality	109	—	—	5	13	25	22	6	24	8	6	2	7	54	16	26	3	1
<i>A.—One Week and under.</i>																		
1. Prematurity	5	—	—	1	—	2	—	1	1	—	—	—	—	2	1	—	—	—
2. Debility	6	—	—	1	—	—	2	—	—	1	—	—	—	2	2	—	—	—
3. Convulsions	7	—	—	1	—	—	1	—	2	—	—	—	—	4	1	—	—	—
4. Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a Enteritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus	6	—	—	1	—	3	—	—	—	1	—	—	—	2	2	—	—	—
6. Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes	2*	—	—	—	—	—	—	—	1	—	—	—	—	2	—	—	—	—
<i>B.—Over 1 Week and under 1 Year.</i>																		
1. Prematurity	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Debility	10	—	—	—	—	6	—	—	—	2	1	—	—	5	—	—	—	—
3. Convulsions	25	—	—	3	—	3	7	—	9	1	—	—	—	12	3	4	—	—
4. Diarrhoea	5	—	—	—	—	3	—	—	—	—	—	—	—	4	—	—	—	—
4a Enteritis	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
5. Tetanus	4	—	—	—	—	2	—	—	—	—	—	—	—	3	—	—	—	—
6. Bronchitis	11	—	—	5	—	1	2	—	—	1	—	—	—	2	4	—	—	—
7. Pneumonia	14	—	—	1	—	2	3	—	7	1	1	—	—	7	2	3	—	—
8. Other Causes	13†	—	—	—	—	3	2	2	4	1	1	—	—	8	1	2	—	—
II.—General Mortality (1 Year and over)	406	2	6	17	40	67	29	124	58	25	38	4	11	193	106	61	15	16
1. Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Chickenpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Influenza	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* Represents the deaths of two Sinhalese, 1 from Imperforate Anus (in St. Paul's), and the other from Obstruction of Intestine (in Maradana, exclusive of hospitals).
 † Includes 3 deaths from Starvation (1 each in Kotahena, Maradana exclusive of hospitals and Slave Island), 2 from Syphilis (1 each in Maradana hospitals and Kollupitiya), and 1 each from Rickets, Whooping Cough and Gastritis (in Maradana exclusive of hospitals), Eczema and Bright's Disease (in New Bazaar), Thrush and Intestinal Catarrh (in Kotahena), and Dysentery (in Maradana hospitals).

Table IV.—Causes of Deaths registered during the Month of March, 1911, in each Ward and Race of the City of Colombo—contd.

Causes of Deaths.	Ward.										Deaths among all Races.						
	Fort and Galle Face.	Petah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.
II.—General Mortality (1 Year and over)—contd.																	
5. Simple Fever ..				4*	4	2	10	1	1	9	1		24	3	3	1	2
6. Enteric Fever ..							1		2	3			2	3			
7. Remittent Fever ..							2										
8. Ague ..																	
9. Malarial Cachexia ..							5		1				10	2	3		
10. Cholera ..				1	6	1	24		1				12	18	3		
11. Diarrhoea ..				1	2	1	4						2	2	3		
11(c) Enteritis ..				1	2	1	5			1			4	2	3		
12. Dysentery ..				1	2	1	5						4	2	3		
13. Doehmin Duodenalis ..				4	8	7	17		4	3	1		35	7	6		4
14. Cancer ..				1	2	1											
15. Phthisis ..				1	2	1											
16. Other Tubercular Diseases				1	2	1											
17. Anemia ..				1	2	1											
18. Diabetes Mellitus ..				1	2	1											
19. Convulsions ..				1	2	1											
20. Tetanus ..				1	2	1											
21. Bronchitis ..				1	2	1											
22. Pneumonia ..				1	2	1											
23. Other Diseases of Respiratory System				1	2	1											
24. Bright's Disease and Nephritis				1	2	1											
25. Puerperal Convulsions ..				1	2	1											
26. Pterperal Fever ..				1	2	1											
27. Miscarriage ..				1	2	1											
28. Other and undefined Accidents of Child-birth ..				1	2	1											
29. Starvation ..				1	2	1											
30. Accidents or Negligence ..				1	2	1											
31. Homicide ..				1	2	1											
32. Suicide ..				1	2	1											
33. Execution ..				1	2	1											
34. All other Causes ..				1	2	1											
				12	22	6	26	16	5	13	2	5	43	28	20	5	2

* Here are included 23 deaths from Old Age (8 in Kotahena, 4 in St. Paul's, 8 from Worms (3 in Maradana, exclusive of hospitals), 7 from Debility (4 in Kotahena).