

SUPPLEMENT
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PART I.

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VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF JUNE, 1917.

REPORT OF THE REGISTRAR-GENERAL.

This report deals with the Vital Statistics of the 33 principal towns in the Island proclaimed under sections 31-36 of the Ordinance No. 1 of 1895.

Births.

2. The births numbered 1,253 (618 males and 635 females), and were equal to an annual rate of 24·09 per 1,000, against 26·62 in the preceding month, 25·49 in the corresponding month of last year, and 26·30 the average of the corresponding months since 1908. The rate ranged from 11·10 in Ambalangoda to 50·42 in Mullaittivu.

3. In the city of Colombo the births numbered 385 (190 males and 195 females), and were equal to an annual rate* of 17·49 per 1,000, against 19·56 in the preceding month, 19·51 in the corresponding month of last year, and 22·23 the average of the corresponding months since 1908. The rate ranged from 7·37 in San Sebastian to 22·62 in Wellawatta.

Deaths.

4. The total deaths registered during the month numbered 1,375 (753 males and 622 females). There were 1,088 deaths of residents in towns, equivalent to an annual rate of 22·76 per 1,000, against 24·68 in the preceding month, 28·58 in the corresponding month of last year, and 28·48 the average for the month of June in each year since 1908. The rate ranged from 50·18 in Kegalla to 6·45 in Nuwara Eliya.

5. In the city of Colombo the deaths numbered 429 (246 males and 183 females). There were 390 deaths of residents, equivalent to an annual rate* of 20·55 per 1,000, against 23·56 in the preceding month, 28·53 in the corresponding month of last year, and 29·79 the average for the month of June in each year since 1908. The rate ranged from 23·35 in Wellawatta to 4·76 in Kollupitiya.

6. Stillbirths numbered 92 (47 males and 45 females), against 99 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 214 per 1,000 births registered during the twelve months ending June 30, 1917. Reckoned on the births registered during the month only the rate was 247, against 240 in the preceding month, 225 in the corresponding month of last year, and 265 the average of the corresponding months since 1908.

8. The infantile mortality in the city of Colombo was 213 per 1,000 births registered during the twelve months ending June 30, 1917. Reckoned on the births registered during the month only the rate was 270, against 297 in the preceding month, 236 in the corresponding month of last year, and 322 the average of the corresponding months since 1908.

Causes of Death.

9. The highest mortality was due to *Pneumonia*, closely followed by *Debility*, to each of which 11 per cent. of the total deaths was due, 9 per cent. was due to *Convulsions*, 7 per cent. each to *Phthisis*, *Anchylostomiasis*, and *Diarrhoea*, 4 per cent. each to *Enteritis* and *Malaria* and *Malarial Cachexia*, 3 per cent. to *Dysentery*, 2 per cent. each to *Bright's Disease* and *Nephritis* and *Prematurity*, and 1 per cent. each to *Enteric Fever*, *Tetanus*, *Bronchitis*, and *Puerperal Septicæmia*.

10. In Colombo the highest mortality was from *Phthisis*, to which 13 per cent. of the total deaths was due, 12 per cent. was due to *Debility*, 11 per cent. to *Pneumonia*, 8 per cent. to *Convulsions*, 5 per cent. to *Enteritis*, 3 per cent. to *Enteric Fever*, 2 per cent. each to *Bright's Disease* and *Nephritis*, *Malaria* and *Malarial Cachexia*, *Anchylostomiasis*, *Cancer*, *Bronchitis*, and *Dysentery*, and 1 per cent. each to *Prematurity* and *Diarrhoea*. The number of deaths registered from *Plague* was 3, against 11 in the preceding month and 34 in the corresponding month of last year.

11. *Infectious Diseases reported*.—The most prevalent infectious disease during the month was *Measles*, of which 105 cases were reported (72 in Colombo, 16 in Kandy, 6 in Ratnapura), followed by *Phthisis* 89 (72 in Colombo, 10 in Galle, 4 in Puttalam), *Chickenpox* 86 (36 in Colombo, 18 in Kandy, 15 in Nuwara Eliya), *Enteric Fever* 61 (40 in Colombo, 15 in Galle), *Continued Fever* 17 (5 in Colombo, 5 in Moratuwa, 5 in Galle), *Mumps* 5 (3 in Colombo), *Plague* 3 (in Colombo), *Diphtheria* 1 (in Colombo), *Typhoid Fever* 1 (in Panadure), and *Cholera* 1 (in Galle).

Meteorology.

12. *Rainfall*.—Hatton and Dikoya recorded the highest rainfall (26·22 inches), followed by Ratnapura (15·93 inches). In the other towns the rainfall ranged from 13·22 inches in Gampola to 0·34 inch in Anuradhapura. Colombo recorded 5·41 inches.

13. *Temperature*.—The mean temperature varied from 61·2° in Nuwara Eliya to 85·4° in Trincomalee, and was 81·0° in Colombo.

14. For detailed statistics, 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, July 20, 1917.

W. L. KINDERSLEY,
Registrar-General.

* The city-rate is worked differently from the ward-rates, and takes into account hospital events, &c., not assignable to wards.

Table I.—Number of Births and Deaths registered during June, 1917, their Proportion per 1,000 of the Population per Annum, and the Stillbirths and the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates in the corresponding months since 1908, and the Mean Temperature and Rainfall in the Month in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.

Provinces and Towns.	Population (inclusive of the Military) at the Census of March 10, 1911.	Population estimated to the Middle of 1917 by Inter-censal Increase.	Total Births.		Total Deaths.		Total Stillbirths.			Deaths of Town Residents.	Birth-rate.		Death-rate excluding non-residents.		Its proportion to 1000 births registered during year ended last day of June, 1917.	Mean Temperature per annum to 1000 births registered during the year ended last day of June, 1917.	Rainfall in Inches.			
			Males.	Females.	Males.	Females.	Persons.	Males.	Females.		Persons.	Crude, June, 1917.	Standardized, ^a June, 1917.	Average Death-rate for June, 1908-1916.				Number registered during June, 1917.		
All 33 Towns ..	517,877	618,347	618,635	1253	753,622	1375	47	45	92	285	1,088	24.09	26.30	20.92	22.76	28.48	310	247	214	
<i>Western.</i>																				
Colombo ..	219,557	267,888	190,195	385	246,183	429	20	16	36	39	390	17.49	22.23	17.71	20.55	29.79	104	270	213	
Negombo ..	13,045	26,339c	22,45	67	32,35	67	1	1	2	9	58	30.95	30.44	26.80	28.02	21.78	14	209	172	
Moratuwa ..	27,256	29,980	54,43	97	40,35	75	4	1	5	1	74	39.37	35.25	30.03	33.12	25.90	23	237	210	
Kalutara ..	13,005	14,039	14,19	33	14,17	31	1	1	2	4	27	28.60	30.36	23.40	23.25	23.66	5	152	124	
Panadura ..	5,709	7,333	3,8	11	9,4	13	1	1	2	2	11	18.25	18.53	18.25	21.73	19.53	3	273	254	
<i>Central.</i>																				
Kandy ..	30,149	32,376	37,42	79	52,49	101	2	1	3	31	70	29.69	28.68	26.31	28.67	29.56	17	215	209	
Gampola ..	5,521	7,003	11,14	25	7,8	15	—	2	2	4	11	43.43	32.10	19.11	19.83	37.85	1	40	52	
Navalapsitiya ..	3,767	3,990	4,6	10	14,13	27	—	—	—	22	5	30.49	30.23	15.25	16.57	37.15	4	400	396	
Hatton and Dikoya.	3,025	3,149	5,5	10	11,16	27	2	1	3	6	6	38.63	17.63	31.18	27.07	38.90	4	400	559	
Matale ..	5,792	7,325d	11,12	23	16,14	30	—	2	2	10	20	35.76	35.16	31.10	35.74	37.13	6	261	281	
Nuwara Eliya ..	14,910	15,060e	11,8	19	8,2	10	1	1	2	3	7	15.35	13.78	5.66	6.45	14.04	4	211	240	
<i>Southern.</i>																				
Galle ..	39,936	41,810	48,46	94	45,49	94	2	1	3	13	81	27.36	25.58	23.57	23.08	25.19	17	181	177	
Ambalangoda ..	—	4,384f	3,1	4	1,1	2	1	—	1	—	2	11.10	—g	5.55	—g	—g	—	5	156	115
Matara ..	13,851	15,276	19,13	32	12,11	23	—	—	—	3	20	25.49	34.50	15.93	15.60	22.21	5	238	179	
Weligama ..	8,672	9,428	12,9	21	8,7	15	1	—	1	—	15	27.10	23.07	19.36	17.44	17.77	5	167	126	
Hambantota ..	3,092	3,263	4,6	10	3,3	3	—	—	—	—	3	37.29	29.13	11.19	12.51	29.51	—	—	—	
Tangalla ..	3,505	5,704h	7,5	12	6,5	11	1	—	1	1	10	25.60	37.21	21.34	21.80	34.44	2	167	—	
<i>Northern.</i>																				
Jaffna ..	40,441	45,229	59,56	115	44,44	88	2	5	7	2	86	30.94	34.03	23.19	23.63	28.72	36	313	282	
Mannar ..	3,777	4,088	7,5	12	7,7	14	1	—	1	—	14	35.72	37.62	41.67	45.88	32.92	5	417	388	
Mulleitivu ..	1,392	1,448	2,4	6	2,3	5	—	—	—	3	2	50.42	24.68	16.81	22.28	47.71	2	333	399	
Vavuniya ..	808	1,012	—	—	—	2	—	—	—	1	1	—	20.14	12.02	16.32	40.49	—	—	—	
<i>Eastern.</i>																				
Baticaloa ..	10,671	11,138	19,22	41	24,19	43	2	3	5	—	43	44.79	32.70	46.97	46.32	44.16	17	415	401	
Kalmunai ..	—	2,081	3,5	8	3,1	4	—	—	—	2	2	46.78	33.89	11.69	—g	—g	9	333	316	
Trincomalee ..	8,840	10,537	12,15	27	13,10	23	2	3	5	—	23	31.18	26.33	26.56	29.16	38.73	—	—	—	
<i>North-Western.</i>																				
Kurunegala ..	8,167	9,482	12,7	19	24,17	41	—	2	2	17	24	24.38	24.85	30.80	31.64	36.25	5	263	218	
Puttalam ..	5,990	6,618	6,3	9	12,9	21	2	1	3	4	17	16.55	25.37	31.25	33.43	31.84	4	444	196	
Kalpitiya ..	1,591	1,667	1,2	3	—	3	—	—	—	—	3	21.89	20.32	21.89	—g	—g	—	—	—	
Chilaw ..	5,033	5,668	5,14	19	3,8	11	—	—	—	2	9	40.79	31.15	19.32	18.52	21.50	3	158	230	
<i>North-Central.</i>																				
Anuradhapura ..	5,361	6,821	12,7	19	16,6	22	—	1	1	3	17	33.89	17.15	30.32	37.16	56.60	—	—	—	
<i>Uva.</i>																				
Badulla ..	6,487	7,226h	16,10	26	35,13	48	—	2	2	31	17	43.78	27.48	28.63	31.56	28.84	8	308	295	
Lunugala ..	515	601	2,2	—	22,19	41	—	—	—	41	—	40.50	26.55	—	—g	—g	1	—	811	
<i>Sobaramuwa.</i>																				
Ratnapura ..	5,476	7,215h	4,7	11	13,11	24	1	—	1	16	8	18.55	30.68	13.49	15.29	50.60	3	273	205	
Kegalla ..	2,536	2,669	3,1	4	9,3	12	—	—	—	—	12	18.24	28.41	54.71	50.18	24.98	—	—	—	

^a The standardized death-rates represent the crude death-rates multiplied by the respective standardizing factor in order to make correction for differences of sex- and age-constitution of the several populations in 1911 as compared with that of the Island.
^b Blanks indicate that there are no observations or rain gauges.
^c Includes population of the Negombo Local Board and registration area.
^d This increase of population is due to the extension of the town limits as from July, 1915.
^e Estimated to the end of December, 1916, by natural increase method.
^f Population enumerated at the beginning of 1915.
^g Standardized death-rates for Kalpitiya and Lunugala towns not available, as the population of these towns has not been enumerated at the Census of 1911 by age and sex, while the town of Kalmunai was created a registration division only in January, 1914, and Ambalangoda in January, 1915. The death-rate given for "All Towns" is therefore independent of the towns, but is scarcely affected by their rates.
^h Increase of population is due to the extension of the town limits.

Table III.—Number of Births and Deaths registered during the Month of June, 1917, and the Deaths of Children under One Year, and their Proportion per 1,000 of the Registered Births, together with the Average Birth- and Death-rates for June, 1908 to 1916, in each Ward of the City of Colombo.

Wards.	Population (inclusive of Military) at Census of 1911.	Population estimated to Middle of 1917 by Intercensal Increase.	Total Births registered.			Stillbirths.			Total Deaths including Deaths in Hospitals and Jail.			Deaths of Non-residents.	Deaths of Residents.	Per Mile per Annum.				Mortality of Children under one Year.		
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.			Birth-rate.	Death-rate.		Standard-Death-rate.*	Number registered during June, 1917.	Its proportion to 1000 births registered during June, 1917.	Its proportion to 1000 births registered during the Year ended last day of June, 1917.
															June, 1917.	Average for June, 1908 to 1916.				
			190	195	385	20	16	36	246	188	429			390	17.49	22.23	17.71	26.36	20.55	104
City of Colombo ..	219,557	267,888†	190	195	385	20	16	36	246	188	429	390	17.49	22.23	17.71	26.36	20.55	104	270	213
Fort and Galle Face	3,512	3,512†	1	—	1	—	—	—	3	—	3	3	3.46	2.37	10.39	10.28	—	—	—	—
Pettah ..	7,974	7,974†	1	3	4	—	—	—	3	—	3	3	6.10	3.66	4.58	8.58	—	—	—	—
San Sebastian ..	11,546	13,207	5	3	8	1	2	3	5	7	12	12	7.37	18.72	11.05	20.52	—	3	375	147
St. Paul's ..	24,755	28,068	9	18	27	2	3	5	21	15	36	36	11.70	14.02	15.61	21.12	—	12	444	329
Kotahena ..	40,771	46,274	37	31	68	3	—	3	39	27	66	66	17.88	21.18	17.35	21.58	—	20	284	228
New Bazaar ..	22,309	26,055	18	13	31	—	1	1	20	19	39	39	14.48	20.31	18.21	22.65	—	14	452	317
Maradana Hospitals			31	38	69	8	8	16	83	36	119	83	—	—	—	—	—	10	—	—
Maradana (exclusive of Hospitals) ..	48,093	64,374	49	39	88	2	1	3	28	36	64	63	16.63	18.53	11.91	23.53	—	23	261	257
Slave Island ..	21,954	25,959	12	22	34	1	—	1	21	20	41	39	15.94	20.46	18.28	23.65	—	10	294	216
Kollupitiya ..	25,410	36,791	10	14	24	2	—	2	8	6	14	14	8.16	12.58	4.76	14.34	—	3	125	110
Wellawatta ..	13,223	16,675§	17	14	31	1	1	2	15	17	32	32	22.62	28.97	23.35	34.52	—	9	290	213

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

† Estimated partly on the intercensal increase method and partly on the natural increase method, i.e., population exclusive of Wellawatta Ward on the former method and that of Wellawatta added to the town on January 1, 1912, on the latter method (as it was not a separate division at the Census of 1901).

‡ The population of these two wards being a fluctuating one, their population cannot be estimated to the middle of 1917. Hence the Census figures are retained.

§ This population is estimated partly on the natural increase method and partly on the intercensal increase method, i.e., population of Wellawatta on the former method (as it was not a separate division at the Census of 1901) and that of the part of Kollupitiya taken over to Wellawatta on the latter method.

|| For five months, June, 1912, 1913, 1914, 1915, and 1916.

Table IV.—Causes of Deaths registered during the Month of June, 1917, in each Ward and of each Race in the City of Colombo.

Causes of Deaths.	Ward.											Deaths among all Races.							
	City of Colombo.	Fort and Galle Face.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maredana Hospitals.	Maredana (exclusive of Hospitals).	Slave Island.	Kolupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
All Causes	429	3	3	12	36	66	39	119	64	41	14	32	7	25	202	106	58	9	22
I.—Infantile Mortality	104	—	—	3	12	20	14	10	23	10	3	9	1	7	50	23	18	—	5
<i>A.—One Week and under.</i>																			
1. Prematurity ..	5	—	—	—	—	—	—	2	—	1	1	1	—	2	1	2	—	—	—
2. Debility ..	13	—	—	—	2	4	2	1	4	—	—	—	—	—	5	5	1	—	2
3. Convulsions ..	4	—	—	—	—	1	1	—	1	—	—	—	—	—	1	—	2	—	1
4. Diarrhoea ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes ..	1*	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
<i>B.—Over 1 Week and under 1 Year.</i>																			
1. Prematurity ..	—	—	—	2	3	3	2	2	—	—	—	—	—	—	—	—	—	—	—
2. Debility ..	26	—	—	—	6	5	3	2	8	2	—	4	—	2	15	3	6	—	—
3. Convulsions ..	25	—	—	—	—	3	3	2	5	3	1	2	—	—	12	8	4	—	1
4. Diarrhoea ..	1	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—
4a. Enteritis ..	2	—	—	1	—	—	—	1	—	—	—	—	—	—	1	1	—	—	—
5. Tetanus ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
6. Bronchitis ..	5	—	—	—	—	3	1	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia ..	12	—	—	—	2	4	2	2	3	—	—	1	—	3	3	1	2	—	1
8. Other Causes ..	9†	—	—	—	1	1	1	2	2	2	—	—	—	—	6	2	2	—	—
II.—General Mortality (1 Year and over)	325	3	3	9	24	46	25	109	41	31	11	23	6	18	152	83	40	9	17
1. Plague ..	3	—	—	—	1	1	—	—	—	1	—	—	—	—	—	2	1	—	—
2. Smallpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Chickenpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Measles ..	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—
5. Influenza ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Pyrexia or Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Enteric Fever ..	13	—	1	—	2	1	—	3	2	2	1	1	—	2	5	3	1	1	1
8. Malaria ..	6	—	—	—	1	1	1	3	—	—	—	—	1	2	2	2	1	1	—
9. Malarial Cachexia ..	3	—	—	1	—	—	1	—	—	1	—	—	—	—	1	1	1	—	—
10. Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Diarrhoea ..	5	—	—	1	—	2	—	—	—	—	2	—	—	—	2	1	2	—	—
11a. Enteritis ..	20	—	—	3	—	1	2	10	2	—	—	2	—	—	9	9	2	—	—
12. Dysentery ..	7	—	—	—	1	1	—	3	—	—	—	2	—	1	4	2	—	—	—
13. Anchylostomiasis or Dochmius Duodenalis ..	9	—	—	—	—	—	—	8	1	—	—	—	—	1	5	2	1	—	—
14. Cancer ..	8	—	—	—	—	—	—	6	1	1	—	—	—	1	4	1	1	—	1
15. Phthisis ..	54	—	—	2	6	5	5	22	6	6	1	1	1	4	24	15	4	1	3
16. Other Tuberculous Diseases ..	2	—	—	1	—	1	—	—	—	—	—	—	—	—	1	—	—	—	1
17. Anæmia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Diabetes Mellitus ..	2	—	—	—	—	1	—	—	—	1	—	—	—	1	1	—	—	—	—
19. Convulsions ..	6	—	—	—	—	2	2	—	1	—	1	—	—	1	1	1	3	—	—
20. Tetanus ..	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
21. Bronchitis ..	2	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—
22. Pneumonia ..	34	—	1	—	2	7	—	7	6	5	1	5	—	1	18	10	3	—	2
23. Other Diseases of the Respiratory System ..	6	—	—	—	—	—	—	4	1	1	—	—	—	—	2	3	—	—	1
24. Bright's Disease and Nephritis ..	10	—	—	—	—	2	—	6	1	—	—	1	—	—	8	2	—	—	—
25. Puerperal Eclampsia ..	2	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1	—	—
26. Puerperal Septicæmia ..	3	—	—	1	1	—	1	—	—	—	—	—	—	—	2	1	—	—	—
27. Miscarriage ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28. Other undefined Accidents of Childbirth ..	2	—	—	—	—	—	—	1	1	—	—	—	—	—	2	—	—	—	—
29. Starvation ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30. Accidents or Negligence ..	8	—	—	—	—	3	—	3	—	1	1	—	—	—	3	2	—	—	3
31. Homicide ..	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—
32. Suicide ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33. Execution ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34. All other causes ..	117‡	3	1	—	10	18	12	32	17	10	4	10	4	6	57	23	19	4	4

* This was due to Asphyxia Neonotorum.

† This includes 2 from Improper Feeding, 1 each from Thrush, Stomatitis, Rickets, Impetigo, Erysipelas, Icterus, Neonotorum, and Gastritis.

‡ Here are included 32 from Old Age, 11 from Debility, 4 from Worms, and 4 from Paralysis.