

SUPPLEMENT
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PART I.

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**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF MAY, 1914.**

REPORT OF THE REGISTRAR-GENERAL.

This report deals with the Vital Statistics of the 32 principal towns in the Island proclaimed under sections 31-36 of the Ordinance No. 1 of 1895.

Births.

2. The births numbered 1,296 (679 males and 617 females), and were equal to an annual rate of 27·00 per 1,000, against 27·75 in the preceding month, 28·82 in the corresponding month of last year, and 29·29 the monthly average since July, 1907. The rate ranged from 58·67 in Kalmunai to 5·80 in Anuradhapura.

3. In the city of Colombo* the births numbered 463 (246 males and 217 females), and were equal to an annual rate† of 22·42 per 1,000, against 18·27 in the preceding month, 24·62 in the corresponding month of last year, and 24·83 the monthly average. The rate ranged from 22·73 in Wellawatta to 11·22 in Kollupitiya.

Deaths.

4. The total deaths registered during the month amounted to 1,640 (915 males and 725 females). There were 1,276 deaths of residents equivalent to an annual rate of 28·98 per 1,000, against 30·15 in the preceding month, 27·86 in the corresponding month of last year, and 30·56 the monthly average. The rate ranged from 98·84 in Mullaattivu to 15·22 in Weligama and 4·49 in Nuwara Eliya.

5. In the city of Colombo* the deaths numbered 483 (288 males and 195 females). There were 432 deaths of residents equivalent to an annual rate† of 24·27 per 1,000, against 24·33 in the preceding month, 26·25 in the corresponding month of last year, and 31·28 the monthly average. Kollupitiya showed the lowest death-rate, viz., 5·80, and Wellawatta the highest, 26·79.

6. Stillbirths numbered 90 (45 males and 45 females), against 99 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 263 per 1,000 births registered, against 230 in the preceding month, 283 in the corresponding month of last year, and 266 the monthly average. The rate ranged from 571 in Nawalapitiya, Hambantota, and Mullaattivu to 57 in Weligama.

8. The infantile mortality in the city of Colombo was 248 per 1,000 births registered, against 258 in the preceding month, 329 in the corresponding month of last year, and 322 the monthly average, and ranged from 405 in Slave Island to 172 in Kollupitiya.

Causes of Death.

9. The highest mortality was from *Diarrhœa*, *Debility*, and *Pneumonia*, to each of which 9 per cent. of the total deaths was due, 7 per cent. were due to *Infantile Convulsions*, 6 per cent. each to *Phthisis* and *Dysentery*, 4 per cent. to *Anchylostomiasis*, and 3 per cent. to *Bronchitis*.

10. In the city of Colombo the highest mortality was from *Phthisis*, which caused 11 per cent. of the total number of deaths in the city. 9 per cent. of the deaths were due to *Debility*, 8 per cent. each to *Pneumonia* and *Infantile Convulsions*, 7 per cent. to *Enteritis*, 6 per cent. to *Plague*, as in the previous month, 4 per cent. to *Bronchitis*, and 1 per cent. each to *Diarrhœa* and *Anchylostomiasis*. The total number of deaths from *Plague* was 30, against 29 in April and 71 in March.

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Phthisis*, of which 76 cases were reported (64 in Colombo, 3 each in Galle and Matara), followed by *Chickenpox* 41 (22 in Colombo, 8 in Gampola, 4 each in Moratuwa and Badulla), *Enteric Fever* 28 (20 in Colombo, 3 in Moratuwa), *Plague* 27 (in Colombo), *Whooping Cough* 10 (in Trincomalee), *Measles* 10 (7 in Colombo), *Continued Fever* 9 (6 in Colombo), *Mumps* 3 (in Colombo), *Dysentery* 2 (1 in Moratuwa and the other in Kegalla), *Smallpox* 2 (1 in Colombo and the other in Tangalla), *Diarrhœa* 1 (in Colombo), and *Diphtheria* 1 (in Colombo).

Meteorology.

12. *Rainfall.*—Hatton and Dikoya recorded the highest rainfall (18·41 inches), followed by Ratnapura (16·75 inches). In the other towns the rainfall ranged from 0·76 inch in Jaffna to 14·32 inches in Colombo.

13. *Temperature.*—The mean temperature varied from 63·1° in Nuwara Eliya to 87·1° in Trincomalee and Mannar, and was 83·0° in Colombo.

14. 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, June 16, 1914.

BERTRAM HILL,
Registrar-General.

* Consequent on the extension of the Municipal limits of the Colombo town on November 9, 1911, by the addition of Wellawatta, the limits of the registration division of Kollupitiya Ward were altered with effect from January 1, 1912, by Proclamation of December 18, 1911.

† The city-rate is worked out 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 May, 1914, 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 and Infantile Mortality from July, 1907, to December, 1913, 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 middle of 1914 by the Census of 1911, and increase, 1914).		Total Births.		Total Deaths.		Total Stillbirths.		Deaths of Town Residents.		Birth-rates.		Death-rates, excluding non-residents.		Deaths of Children under One Year.		Deaths of Children under One Year per 1,000 Births.		Mean Temperature.	Rainfall in Inches.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.	Persons.	Crude, May, 1914.	Standardized, July to Dec., 1913.	May, 1914.	July, 1907, to Dec., 1913.	Under One Year.	Under One Year.	July, 1907, to Dec., 1913.	May, 1914.		
All 32 Towns.	579	617	1,296	463	725	1,640	45	90	351	1,276	29-29	27-00	26-58	30-56	23-98	341	266	263	83-0	14-32
<i>Western.</i>																				
Colombo	246	217	463	76	32	66	1	2	40	432	24-83	23-42	20-92	31-28	24-27	115	322	243	83-0	14-32
Negombo	29	47	76	47	32	66	1	2	8	58	36-57	37-42	28-56	25-91	29-87	16	188	211	—	7-38
Moratuwa	62	48	110	39	28	67	1	2	2	66	37-46	43-88	28-89	27-50	31-86	23	182	209	—	—
Kalutara	15	18	33	17	13	30	2	1	4	26	33-42	23-71	22-62	27-68	22-47	10	176	303	—	11-40
Panadura	3	3	6	6	8	18	—	1	9	9	29-51	10-85	16-27	26-04	19-37	—	187	—	—	—
<i>Central.</i>																				
Kandy	46	30	76	66	39	95	3	4	22	73	27-43	23-70	27-56	29-78	30-04	18	255	237	78-8	5-83
Gampola	9	7	16	12	17	29	—	1	8	21	34-59	30-11	39-52	37-78	41-01	18	287	500	—	5-01
Nawalapitiya	3	4	7	7	14	30	1	1	19	11	27-17	21-21	33-33	29-39	36-23	4	325	571	—	—
Hatton & Dikoya	6	3	9	9	3	25	—	—	17	8	16-84	34-25	30-45	33-11	35-56	2	215	222	—	18-41
Metala	9	10	19	40	19	59	—	1	40	19	30-24	36-69	36-69	41-39	42-16	5	286	263	—	2-93
Nuwara Eliya	7	4	11	11	9	11	—	—	6	5	16-85	8-67	3-94	13-84	4-49	1	237	91	63-1	3-23
<i>Southern.</i>																				
Galle	44	49	93	34	41	75	4	8	3	72	30-20	26-76	20-72	27-68	20-29	18	209	194	82-7	9-59
Matara	25	11	36	18	13	31	—	—	2	29	38-11	29-07	23-42	23-40	22-94	7	172	194	—	7-03
Weligama	21	14	35	5	8	13	—	—	—	13	29-21	45-49	16-90	21-42	15-22	4	115	57	—	—
Hambantota	5	7	12	7	2	11	—	—	—	11	37-77	25-91	40-71	35-51	45-53	4	351	571	—	2-48
Tangalla	7	6	13	6	4	9	—	1	2	7	35-92	33-16	20-55	34-47	21-00	2	219	154	—	3-85
<i>Northern.</i>																				
Jaffra	46	60	106	79	96	175	4	5	2	172	37-98	29-10	47-22	34-01	48-94	46	279	434	86-2	0-76
Mannar	9	6	15	13	5	18	—	—	7	11	39-42	44-84	32-58	43-52	36-21	6	302	400	—	2-73
Mullaitivu	3	4	7	6	3	9	—	1	—	9	33-13	57-99	74-56	49-13	98-84	4	289	571	—	1-02
Vavuniya	—	1	1	—	2	2	—	—	—	1	22-38	12-94	12-94	85-60	17-57	1	306	—	—	1-04
<i>Eastern.</i>																				
Batticaloa	17	19	36	17	21	38	3	3	1	37	31-42	38-84	39-92	36-05	39-37	13	364	361	84-9	1-20
Kalmunai	7	3	10	12	10	22	—	1	9	13	—	58-67	76-27	—	—	4	—	400	—	—
Trincomalee	13	7	20	27	26	52	—	1	1	51	30-14	28-96	73-84	37-89	81-06	9	294	450	—	1-78
<i>North-Western.</i>																				
Kurunegala	8	8	16	38	32	70	2	3	48	22	26-94	21-34	29-34	48-96	30-14	7	343	438	82-7	4-05
Puttalam	4	9	13	9	7	16	1	1	4	12	34-51	24-25	22-38	36-15	23-94	3	310	231	—	1-36
Kalpitiya	2	2	4	4	2	6	—	—	—	6	26-44	23-85	43-27	—	—	1	325	—	—	1-70
Chilaw	8	9	17	7	4	11	—	—	—	11	33-03	37-37	24-18	33-46	23-18	3	209	176	—	2-49
<i>North-Central.</i>																				
Anuradhapura	3	—	3	9	8	17	—	1	—	17	23-01	15-80	32-88	55-52	40-29	1	425	—	—	85-1
<i>Uva.</i>																				
Badulla	8	6	14	11	11	22	—	—	12	10	31-64	24-59	17-57	32-72	19-38	1	286	71	—	3-54
Lunugala	—	—	—	—	—	19	—	—	17	1	38-55	—	20-97	—	—	1	234	—	—	—
<i>Sabarasgamuwa.</i>																				
Ratnapura	9	6	15	50	37	87	2	1	51	36	29-84	29-13	69-91	43-17	79-26	6	297	400	—	16-75
Kegalla	5	4	9	17	7	24	—	2	16	8	26-72	40-68	36-16	51-84	53-16	—	238	—	—	8-10

* 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 town limits. See note p. 1.
 † Infantile death-rates omitted where the number of births is less than five.
 ‡ Estimated to the end of December, 1913, by natural increase method owing to the inability of applying the intercensal method, as the limits of the town were altered between 1901 and 1911.
 § Calculated for non-estate events on the population exclusive of the estate population at the Census of 1911.
 ¶ Since September 1, 1913, the registration limits of Batticaloa town have been extended in order to make them co-terminous with the Local Board area. Hence the rates in previous reports cannot be safely compared with those of subsequent ones.
 †† 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. The death-rates given for "All Towns" is therefore independent of these towns, but is scarcely affected by their rates.

Table III.—Number of Births and Deaths registered during the Month of May, 1914, and their Proportion per 1,000 of the Population, the number of Stillbirths, 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 and Infantile Mortality from January, 1908, to December, 1913, in each Ward of the City of Colombo.

Wards.	Population (inclusive of the Military) at the Census of 1911.	Population Estimated to the Middle of 1914 by Intercensal Increase.	Total Births registered.			Stillbirths.			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 to 1,000 Births registered.		
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.			Birth-rate.		Crude Death-rate.		Standardized Death-rate.*	Deaths of Children under One Year.			
														Average January, 1908, to Dec., 1913.	May, 1914.	Average January, 1908, to Dec., 1913.	May, 1914.					
																		Average January, 1908, to Dec., 1913.	May, 1914.		Average January, 1908, to Dec., 1913.	May, 1914.
City of Colombo..	219,557	243,114†	246	217	463	14	17	31	268	195	463	51	432	24.89	22.42	27.85	20.92	24.27	115	324	248	
Fort and Galle Face	3,512	3,512†	1	—	1	—	—	—	3	—	3	—	3	4.33	—	6.77	10.06	—	1	74	—	
Pettah ..	7,974	7,974†	3	—	3	—	—	—	4	—	4	—	4	6.22	4.43	11.04	5.91	—	—	287	—	
San Sebastian ..	11,574.	12,393	11	7	18	—	1	1	11	9	20	2	18	21.55	17.10	23.08	17.10	—	5	362	278	
St. Paul's ..	24,735	26,436	16	13	29	1	1	2	24	19	43	4	39	17.23	12.92	22.59	17.37	—	10	420	345	
Kotahena ..	40,771	43,574	43	38	81	3	4	7	28	30	58	—	58	22.78	21.89	23.78	15.67	—	21	322	259	
New Bazaar ..	22,309	24,211	19	27	46	1	—	1	18	22	40	5	35	23.51	22.37	27.51	17.02	—	13	411	283	
Maradana Hospitals			48	45	93	4	4	8	80	55	135	39	96	—	—	—	—	—	10	—	—	—
Maradana (exclusive of Hospitals) ..	48,093	56,081	47	46	93	2	2	4	53	33	86	—	86	21.78	19.53	25.41	18.06	—	28	360	301	
Slave Island ..	21,984	23,997	28	14	42	—	3	3	28	17	45	—	45	23.65	20.61	24.02	22.08	—	17	365	405	
Kollupitiya ..	25,410	30,435	15	14	29	2	—	2	14	1	15	—	15	15.60	11.22	16.68	5.80	—	5	280	172	
Wellawatta ..	13,223§	14,501	15	13	28	1	2	3	25	9	34	1	33	31.06	32.73	27.00	26.79	—	5	291	179	

* 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 1914. 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 the twenty-four months, January, 1912, to December, 1913.

Table IV.—Causes of Deaths registered during the Month of May, 1914, in each Ward and of each Race in the City of Colombo.

Causes of Deaths.	City of Colombo.	Ward.										Deaths among all Races.							
		Fort and Galle Race.	Pettah.	San Sebastian.	St. Paul's.	Kothehena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wallowatta.	Europeans.	Burgbers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
All Causes	483	3	4	20	43	58	40	135	86	45	15	34	9	21	221	128	73	17	14
I.—Infantile Mortality	115	1	—	5	10	21	13	10	28	17	5	5	3	4	53	22	24	5	4
A.—One Week and under.																			
1. Prematurity	4																		
2. Debility	13				4	1	2	4		1					2	1	4		
3. Convulsions	11						1		5	1					6	4	3	1	
4. Diarrhoea	—														4				
4a. Enteritis	—																		
5. Tetanus	1														1				
6. Bronchitis	—																		
7. Pneumonia	—																		
8. Other Causes	1*										1		1						
B.—Over 1 Week and under 1 Year.																			
1. Prematurity	15																		
2. Debility	22				3	3	2	1	2	4		2			8	1	4	1	
3. Convulsions	3				1		4		6	4	2	1			12	3	4	1	
4. Diarrhoea	13														6	1	2	1	
4a. Enteritis	—														6	2	2	1	
5. Tetanus	6														1	1	4		
6. Bronchitis	7														1	1	2		
7. Pneumonia	19†				2	7	2	1	3	1			1		5	6	2	1	
8. Other Causes	—														8				
II.—General Mortality (1 Year and over)	368	2	4	15	33	37	27	125	58	28	10	29	6	17	168	106	49	12	10
1. Plague	—																		
2. Smallpox	30				9			3	5	1		10			8	18	2	1	
3. Chickenpox	—																		
4. Measles	—																		
5. Influenza	—																		

* This is due to Meningitis.

† This includes 4 from Want of Breast Milk, 3 from Syphilis, 2 each from Rickets, Burns, and Erysipelas, and 1 each from Intestinal Obstruction, Peritonitis, Asthma, Worms, Abdominal Colic, and Nephritis.

Table IV.—Causes of Deaths registered during the Month of May, 1914, in each Ward and of each Race in the City of Colombo—*contd.*

Causes of Deaths.	Ward.										Deaths among all Races.							
	Fort and Galle Race.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	Now Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Vellawatta.	Europeans.	Burghers.	Sinhalese.	Tamil.	Moors.	Malays.	Others.
11.—General Mortality (1 Year and over)— <i>contd.</i>																		
6. Typhoid or Fever ..	9						4	1						4	2	2		
7. Enteric Fever ..	3						1	2						1				
8. Malaria ..	5						1	3						1				
9. Malarial Cachexia ..	4								1					2				
10. Cholera ..	20						15							7	2		3	
11a. Enteritis ..	12						5		2					6	1			
12. Dysentery ..	5								1					3				
13. Anchylostomiasis or Dochmius Duodenalis ..	3						5							2				
14. Cancer ..	54						19	6		3			5	32		5	2	1
15. Phthisis ..	2			7			1							2				
16. Other Tuberculous Diseases ..	4						1							2				
17. Anæmia ..	4						1							1				
18. Diabetes Mellitus ..	1																	
19. Convulsions ..	4																	
20. Tetanus ..	1																	
21. Bronchitis ..	12						6							4				
22. Pneumonia ..	32						11	5						10	3	4		1
23. Other Diseases of Respiratory System ..	12						3	3						2	8	2		1
24. Bright's Disease and Nephritis ..	10						4	2						3	3	3		1
25. Puerperal Eclampsia ..	8						3							5		2		
26. Puerperal Septicæmia ..																		
27. Miscarriage ..																		
28. Other undefined Accidents of Childbirth ..	7						1	2						3			1	
29. Accidents or Negligence ..	11						4	2						5		2		
30. Starvation ..	1																	
31. Homicide ..	2																	
32. Suicide ..	4																	
33. Executions ..	4																	
34. All other causes ..	112*	1	2	7	16	12	34	18	11	8	2	7	4	61	12	2		1

* This includes 28 from Senility, 6 from Debility, and 7 from Paralysis.