

SUPPLEMENT

TO THE

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PART I.

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VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF SEPTEMBER, 1913.

REPORT OF THE REGISTRAR-GENERAL.

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

Births.

2. The births numbered 1,247 (675 males and 572 females), and were equal to an annual rate of 27·84 per 1,000, against 25·28 during the preceding month, 27·01 in the corresponding month of last year, and 29·33 the monthly average since July, 1907. The rate ranged from 61·71 in Hambantota to 7·77 in Panadura.

3. In the city of Colombo* the births numbered 453 (251 males and 202 females), and were equal to an annual rate† of 23·37 per 1,000, against 20·92 in the preceding month, 22·74 in the corresponding month of last year, and 24·98 the monthly average. The rate ranged from 26·26 in New Bazaar to 12·66 in Kollupitiya.

Deaths.

4. The total deaths amounted to 1,383 (762 males and 621 females), and were equal to an annual rate of 26·94 per 1,000, against 26·44 in the preceding month, 27·40 in the corresponding month of last year, and 30·65 the monthly average. The rate ranged from 51·28 in Trincomalee to 14·66 in Puttalam.

5. In the city of Colombo* the deaths numbered 537 (302 males and 235 females), and were equal to an annual rate† of 27·35 per 1,000, against 24·62 in the preceding month, 26·74 in the corresponding month of last year, and 31·50 the monthly average. The rate rose from 8·02 in Kollupitiya to 28·30 in Wellawatta.

6. Stillbirths numbered 76 (44 males and 32 females), against 74 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 279 per 1,000 births registered, against 292 in the preceding month, 261 in the corresponding month of last year, and 262 the monthly average. The rate ranged from 556 in Badulla to 65 in Matara.

8. The infantile mortality in the city of Colombo was 340 per 1,000 births registered, against 341 in the preceding month, 265 in the corresponding month of last year, and 317 the monthly average, and ranged from 526 in St. Paul's to 100 in Kollupitiya.

Causes of Death.

9. The highest mortality was from *Pneumonia* (10 per cent.), followed by *Diarrhoea* and *Phthisis* (9 per cent. each), *Infantile Convulsions* (7 per cent.), *Debility* (6 per cent.), *Dysentery* (5 per cent.), and *Bronchitis* (3 per cent.).

10. In the city of Colombo the highest mortality was from *Pneumonia* (12 per cent.), followed by *Phthisis* (11 per cent.), *Enteritis* (8 per cent.), *Bronchitis* (5 per cent.), *Dysentery* (3 per cent.), *Bright's Disease* and *Nephritis* (3 per cent.), and *Enteric Fever* (2 per cent.).

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Phthisis*, of which 82 cases were reported (78 in Colombo, 2 in Matara, 1 each in Galle and Weligama), followed by *Chickenpox* 68 (24 in Kandy, 18 in Colombo, 5 in Nuwara Eliya), *Enteric Fever* 57 (40 in Colombo, 8 in Moratuwa), *Continued Fever* 23 (17 in Colombo, 4 in Galle), *Measles* 16 (6 in Colombo, 4 in Nuwara Eliya), *Mumps* 8 (7 in Colombo, 1 in Jaffna), *Acute Diarrhoea* 6 (in Colombo), *Dysentery* 4 (3 in Moratuwa, 1 in Weligama), *Cholera* 2 (in Colombo), *Diphtheria* 1 (in Colombo).

Meteorology.

12. *Rainfall.*—“Hatton and Dikoya” recorded the highest rainfall (9·48 inches), followed by Galle (5·53 inches). The next highest records (4·82 inches and 4·07 inches) were in Jaffna and Kalutara, while in the other towns the rainfall ranged from 3·68 inches in Mullaittivu to 0·20 inch both in Kalpitiya and Batticaloa. In Mannar there was no rainfall at all.

13. *Temperature.*—The mean temperature varied from 60·1° in Nuwara Eliya to 85·7° in Trincomalee, and was 80·7° in Colombo and 76·1° in Kandy.

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, October 16, 1913.

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 September, 1913, 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 June, 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 military) at the Census of 10, 1911.		Total Births.		Total Deaths.		Total Stillbirths.			Deaths of Town and Districts.		Birth-rate.		Death-rate.		Deaths of Children under One Year, including Still-births.	Deaths of Children under 1,000 Births.	Mean Temperature, ascertained.	Rainfall in Inches.					
	Population estimated by the Census of 10, 1911.		Males.		Females.		Males.			Females.		Crude, Sep-tember, 1913.		Corrected,* July, 1907, to June, 1913.										
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Persons.	Crude, Sep-tember, 1913.	Corrected,* July, 1907, to June, 1913.	July, 1907, to June, 1913.	Sep-tember, 1913.											
All 31 Towns	517,877	552,485	675	572	1,247	762	1,383	44	32	76	245	1,107	29.33	27.84	30.65	26.94	348	262	279	80.7	2.82	0.96	4.07	—
<i>Western.</i>	219,557	235,741	251	202	453	302	537	19	14	33	52	457	24.98	23.37	31.50	27.35	154	317	340	80.7	2.82	0.96	4.07	—
Colombo	13,045	24,087	34	31	65	26	30	1	2	3	8	48	36.68	32.83	24.25	25.43	11	185	169	—	—	—	—	—
Negombo	27,256	26,716	55	40	95	26	46	7	2	7	5	70	37.34	43.27	31.88	26.36	24	178	233	—	—	—	—	—
Moratuwa	13,005	13,370	23	18	41	13	12	25	1	1	2	20	33.45	37.31	18.20	27.97	5	172	122	—	—	—	—	—
Kalutara	5,709	6,261	3	1	4	10	5	15	—	—	7	8	29.99	7.77	24.99	18.51	3	175	—	—	—	—	—	—
<i>Central.</i>	30,149	30,794	30	31	61	38	33	—	2	2	14	57	27.66	24.10	30.15	24.55	13	253	213	76.1	2.33	—	—	—
Kandy	5,521	6,026	7	3	10	10	5	15	—	—	7	8	34.90	20.19	16.15	38.79	2	290	200	—	—	—	—	—
Gampola	3,767	3,852	3	4	12	6	6	14	—	—	10	4	26.81	37.91	12.64	28.52	2	317	167	—	—	—	—	—
Nawalapitiya	3,025	3,075	3	3	6	6	8	14	—	—	11	3	16.46	23.74	11.87	36.99	—	207	—	—	—	—	—	—
Hatton & Dikoya	5,792	6,003	15	5	20	18	15	33	—	—	22	11	29.76	40.54	23.30	40.41	—	276	—	—	—	—	—	—
Matale	14,910	14,857	5	8	13	4	6	10	—	—	2	8	16.52	21.31	13.78	14.95	2	293	154	60.1	3.27	—	—	—
Nuwara Eliya	40,441	42,139	57	57	114	42	37	79	2	4	5	74	38.41	32.92	21.37	34.61	27	278	237	82.6	4.82	—	—	—
<i>Northern.</i>	3,777	3,890	6	1	7	4	4	8	—	—	2	6	39.48	21.89	17.27	44.22	3	290	429	53.8	0.00	—	—	—
Mannar	1,992	1,412	2	3	5	3	1	4	—	—	—	4	33.32	43.07	34.46	51.65	2	232	400	—	—	—	—	—
Mullaitivu	308	878	—	3	3	1	1	2	—	—	—	2	22.18	41.57	27.72	92.23	—	289	—	—	—	—	—	—
Vavuniya	39,936	40,621	28	37	65	58	52	110	5	6	4	106	38.43	19.47	31.75	27.75	19	207	292	79.9	5.53	—	—	—
<i>Southern.</i>	13,851	14,354	24	22	46	19	7	26	—	—	3	23	38.14	38.99	19.50	23.87	3	171	65	3.31	—	—	—	—
Galle	8,672	8,939	16	14	30	14	13	27	—	—	—	27	37.73	40.84	36.75	33.11	8	110	267	—	—	—	—	—
Matara	3,092	3,154	8	8	16	9	3	12	1	2	3	9	37.81	61.71	34.71	35.54	8	347	500	82.1	0.58	—	—	—
Welligama	3,505	3,851	12	6	18	10	3	13	—	—	3	10	35.64	56.86	31.59	35.15	2	217	111	—	—	—	—	—
<i>Eastern.</i>	10,671	10,840	22	18	40	22	12	34	—	—	—	34	31.05	44.90	38.10	37.04	15	367	375	84.3	0.20	—	—	—
Baticaloa	8,840	8,335	16	6	22	11	21	32	2	3	—	32	29.42	32.12	46.71	37.80	9	286	409	85.7	3.42	—	—	—
Trincomalee	8,167	8,627	11	11	22	12	11	23	1	—	—	8	26.39	31.03	26.80	49.50	5	343	227	82.3	2.35	—	—	—
<i>North-Western.</i>	5,990	6,214	7	7	14	6	3	9	—	—	4	19	34.14	27.41	13.70	36.43	5	301	357	82.4	0.49	—	—	—
Kurunegala	1,591	1,621	3	1	4	4	1	6	—	—	—	5	25.79	30.02	37.52	—	2	332	—	—	—	—	—	—
Puttalam	5,083	5,257	8	8	16	8	11	19	—	—	—	19	33.10	37.03	43.98	33.05	2	200	125	—	—	—	—	—
Kalpitiya	5,361	5,861	3	4	7	7	1	8	—	—	—	8	22.43	14.53	16.61	56.39	1	436	143	84.6	1.50	—	—	—
Chilaw	0,487	6,641	9	9	18	16	11	27	4	6	14	13	30.97	32.98	23.82	31.30	10	273	556	76.0	0.73	—	—	—
<i>North-Central.</i>	515	540	1	1	2	11	6	17	—	—	15	2	39.35	44.32	44.32	—	1	212	—	—	—	—	—	—
Anuradhapura	5,476	5,886	7	6	13	32	15	47	—	—	40	7	30.00	26.87	14.47	43.59	7	286	538	—	—	—	—	—
Uva.	2,536	2,584	1	4	5	12	7	19	—	—	13	6	26.77	23.54	28.25	22.13	3	220	600	—	—	—	—	—
Radulla	5,886	5,886	7	6	13	32	15	47	—	—	40	7	30.00	26.87	14.47	43.59	7	286	538	—	—	—	—	—
Lunugala	5,886	5,886	7	6	13	32	15	47	—	—	40	7	30.00	26.87	14.47	43.59	7	286	538	—	—	—	—	—
Sabaragamuwa.	5,886	5,886	7	6	13	32	15	47	—	—	40	7	30.00	26.87	14.47	43.59	7	286	538	—	—	—	—	—
Kapalle	5,886	5,886	7	6	13	32	15	47	—	—	40	7	30.00	26.87	14.47	43.59	7	286	538	—	—	—	—	—

* 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. ‡ Blanks indicate that there are no observatories or rain-gauges. § This includes the population as ascertained on the 1st of January, 1911, and the population as ascertained on the 1st of January, 1913. ¶ Estimated to the end of June, 1913, by natural increase method owing to the inability of applying the intercensal method, as the limits of the registration districts 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 strictly compared with those of subsequent years. †† Corrected 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. The death-rate given for "All Towns" is therefore independent of these towns, but is necessarily affected by their rates.

Table III.—Number of Births and Deaths registered during the Month of September, 1913, and their Proportion per 1,000 of the Population, and the Deaths of Children under One Year, including Stillbirths, and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates and Infantile Mortality from January, 1908, to June, 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 1913 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.	Deaths of Children under One Year of Age, including Stillbirths, to 1,000 Births registered.		
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.			Birth-rate.		Crude Death-rate.				Corrected Death-rate.	
														Average January, 1908, to June, 1913.	Average September, 1913.	Average January, 1908, to June, 1913.	Average September, 1913.				
City of Colombo..	219,557	235,929†	251	202	453	19	14	33	302	235	537	80	457	25.06	23.37	28.14	23.58	27.35	121	319	340
Fort and Galle Face	3,512	3,512§	—	1	1	—	—	—	—	—	—	—	—	4.42	3.46	7.07	—	—	—	81	—
Pettah ..	7,974	7,974§	2	4	6	1	—	1	3	6	9	2	7	6.18	9.15	11.32	10.68	—	3	288	667
San Sebastian ..	11,546	12,133	14	10	24	—	1	1	15	10	25	7	18	21.36	24.07	23.38	18.05	—	6	364	292
St. Paul's ..	24,735	25,914	23	15	38	2	—	2	31	18	49	9	40	17.18	17.84	23.10	18.78	—	18	411	526
Kotahena ..	40,771	42,710	30	40	70	2	1	3	35	35	70	—	70	22.87	19.94	23.97	19.94	—	22	319	357
New Bazaar ..	22,309	23,626	32	19	51	3	3	6	21	32	53	10	43	23.40	26.26	27.92	22.14	—	11	412	333
Maradana Hospitals			48	39	87	9	5	14	105	53	163	52	111	—	—	—	—	—	13	—	—
Maradana (exclusive of Hospitals) ..	48,093	53,561	39	33	72	2	1	3	41	35	76	—	76	22.12	16.36	25.77	17.26	—	24	354	375
Slave Island ..	21,984	23,377	27	19	46	—	2	2	20	20	40	—	40	23.82	23.94	24.17	20.82	—	12	361	304
Kollupitiya ..	25,410	26,834	18	12	30	—	—	—	11	8	19	—	19	15.91	12.66	17.23	8.02	—	3	278	100
Wellawatta ..	13,223	14,188	18	10	28	—	1	1	20	13	33	—	33	32.28¶	24.01	24.08¶	28.30	—	9	262¶	357

* 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.

‡ 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 1913. 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 eighteen months, January, 1912, to June, 1913.

Table IV.—Causes of Deaths registered during the Month of September, 1913, 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.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wella Wata.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
All Causes	537	—	9	25	49	70	53	163	76	40	19	33	6	37	249	114	93	11	27
I.—Infantile Mortality	121	—	3	6	18	22	11	13	24	12	3	9	1	7	58	22	26	2	5
A.—One Week and under.																			
1. Prematurity	11				2		3	4		4		1		2	2	4	2	1	
2. Debility	14			2	4		1	5						2	7	3	4		
3. Convulsions	8			2					5					2	2		4		
4. Diarrhoea																			
4a Enteritis																			
5. Tetanus	3					3													1
6. Bronchitis																			
7. Pneumonia											1					1			
8. Other Causes	1*																		
B.—Over 1 Week and under 1 Year.																			
1. Prematurity																			
2. Debility	7																		
3. Convulsions	22			1	6	2	1	1	6	1		1	1		12	2	5	1	1
4. Diarrhoea	3																		
4a Enteritis	7							2	3		1			1	5	1			
5. Tetanus																			
6. Bronchitis	13				2	3	4		1	2	1				7	2	4		
7. Pneumonia	17				4	4	1		4	2		2		1	8	5	1		
8. Other Causes	15†				7	7	1	1	5	1					10	2	3		2
II.—General Mortality (1 Year and over)	416		6	19	31	48	42	150	52	28	16	24	5	30	191	92	67	9	22
1. Smallpox																			
2. Chickenpox																			
3. Measles																			
4. Influenza	3					1	2												1

* This death is due to delay in birth.

† Three from Marasmus, 2 from Rickets. and 1 each from Stomatitis, Septicæmia, Nephritis, Syphilis, Jaundice, Eczema, Worms, Influenza, Thrush, and Dropsy.

Table IV.—Causes of Deaths registered during the Month of September, 1913, in each Ward and of each Race in the City of Colombo—*contd.*

Causes of Deaths.	City of Colombo.	Ward.										Deaths among all Races.									
		Fort and Galle Face.	Petah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maredama Hospitals.	Maredama (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burginers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.		
(A.—General Mortality (1 Year and over)— <i>contd.</i>																					
5. Pyrexia or Fever ..	3																				
6. Enteric Fever ..	11																				
7. Malaria ..	3																				
8. Malarial Cachexia ..	2																				
9. Cholera ..																					
10. Diarrhoea ..	13																				
10a. Enteritis ..	34																				
11. Dysentery ..	15																				
12. Anchylostomiasis or Dochmius Duodenalis ..	8																				
13. Cancer ..	4																				
14. Phthisis ..	60																				
15. Other Tuberculous Diseases ..	2																				
16. Anæmia ..																					
17. Diabetes Mellitus ..	3																				
18. Convulsions ..	7																				
19. Tetanus ..	4																				
20. Bronchitis ..	12																				
21. Pneumonia ..	48																				
22. Other Diseases of Respiratory System ..	4																				
23. Bright's Disease and Nephritis ..	17																				
24. Puerperal Eclampsia ..	2																				
25. Puerperal Septicæmia ..	7																				
26. Miscarriage ..																					
27. Other and undefined Accidents of Childbirth ..	4																				
28. Starvation ..																					
29. Accidents or Negligence ..	11																				
30. Homicide ..	1																				
31. Suicide ..	2																				
32. Execution ..																					
33. All other causes ..	136*																				

* This includes 24 deaths from Senility, 10 from Paralysis, 10 from Debility, and 9 from Worms.