

SUPPLEMENT

TO THE

Ceylon Government Gazette

PART I.

No. 6,864 — FRIDAY, MARCH 30, 1917.

VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF FEBRUARY, 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 1,542 (752 males and 790 females), and were equal to an annual rate of 32·51 per 1,000, against 34·45 in the preceding month, 27·97 in the corresponding month of last year, and 31·29 the average of the corresponding months since 1908. The rate ranged from 13·85 in Nuwara Eliya to 54·02 in Mullaitivu.

3. In the city of Colombo the births numbered 535 (275 males and 260 females), and were equal to an annual rate* of 26·03 per 1,000, against 29·71 in the preceding month, 24·18 in the corresponding month of last year, and 27·48 the average of the corresponding months since 1908. The rate ranged from 12·38 in Kollupitiya to 37·52 in Wellawatta.

Deaths.

4. The total deaths registered during the month were 1,520 (836 males and 684 females). There were 1,263 deaths of residents, equivalent to an annual rate of 29·02 per 1,000, against 28·48 in the preceding month, 26·53 in the corresponding month of last year, and 32·85 the average for the month of February in each year since 1908. The rate ranged from 56·88 in Puttalam to 5·92 in Nuwara Eliya.

5. In the city of Colombo the deaths numbered 580 (336 males and 244 females). There were 515 deaths of residents, equivalent to an annual rate* of 29·07 per 1,000, against 25·65 in the preceding month, 25·28 in the corresponding month of last year, and 31·36 the average for the month of February in each year since 1908. The lowest rate, 8·74, was, as usual, in Kollupitiya, and the highest, 31·27, was observed both in Kotahena and Wellawatta.

6. Stillbirths numbered 92 (60 males and 32 females), against 108 in the preceding month.

Infantile Mortality.

7. The infantile mortality was equal to a rate of 270 per 1,000 births registered during the year ended the last day of February, 1917. Reckoned on the births registered during the month only the rate was 229, against 207 in the preceding month, 185 in the corresponding month of last year, and 259 the average of the corresponding months since 1908.

8. In the city of Colombo the infantile mortality was 303 per 1,000 births registered during the year ended the last day of February, 1917. Reckoned on the births registered during the month only the rate was 249, against 191 in the preceding month, 191 in the corresponding month of last year, and 288 the average of the corresponding months since 1908.

Causes of Death.

9. The highest mortality was from *Pneumonia*, to which 10 per cent. of the total deaths was due, 9 per cent. were due to *Debility*, 8 per cent. to *Convulsions*, 6 per cent. to *Diarrhoea*, 5 per cent. each to *Phthisis* and *Malaria* and *Malarial Cachexia*, 4 per cent. to *Anchylostomiasis*, 3 per cent. each to *Enteritis*, *Prematurity*, *Bright's Disease* and *Nephritis*, and *Dysentery*, and 2 per cent. each to *Enteric Fever*, *Puerperal Septicæmia*, and *Bronchitis*.

10. In the city of Colombo the highest mortality was also from *Pneumonia*, which accounted for 10 per cent. of the total deaths, *Phthisis* caused 8 per cent., *Debility* and *Convulsions* 7 per cent. each, *Enteritis* 6 per cent., *Bright's Disease* and *Nephritis*, *Diarrhoea*, and *Enteric Fever* 3 per cent. each, and *Prematurity*, *Bronchitis*, and *Dysentery* 2 per cent. each. Thirty-six deaths from *Plague* were registered, against 19 in the preceding month and 14 in the corresponding month of last year. This number is the highest recorded after July, 1914. One death from *Smallpox* also was registered.

11. *Infectious Diseases reported*.—The most prevalent infectious disease during the month was *Chickenpox*, of which 402 cases were reported (280 in Colombo, 46 in Kandy, 14 each in Moratuwa and Gampola, 12 in Galle), followed by *Measles* 270 (154 in Colombo, 31 in Mannar, 23 in Badulla, 14 in Anuradhapura, 12 in Ratnapura), *Phthisis* 62 (58 in Colombo, 3 in Ratnapura), *Enteric Fever* 58 (39 in Colombo, 9 in Galle), *Plague* 41 (40 in Colombo and 1 in Nawalapitiya), *Smallpox* 24 (23 in Jaffna and 1 in Colombo), *Continued Fever* 23 (7 in Moratuwa, 6 each in Colombo and Galle), *Dysentery* 6 (5 in Moratuwa), *Diarrhoea* 4 (in Colombo), and *Mumps* 3 (2 in Colombo).

Meteorology.

12. *Rainfall*.—Badulla recorded the highest rainfall (11·44 inches), followed by Nuwara Eliya (10·80 inches). In the other towns the rainfall ranged from 10·68 inches in Matale to 1·02 inch in Jaffna. Colombo recorded 5·57 inches.

13. *Temperature*.—The mean temperature varied from 58·0° in Nuwara Eliya to 79·9° in Mannar, and was 73·7° 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, March 16, 1917.

N. W. MORGAPPAH,
for Registrar-General.

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

Table L.—Number of Births and Deaths registered during February, 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 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 for the middle of the year 1917 by Inter-censal Increase.	Total Births.			Total Deaths.			Total Stillbirths.			Birth-rate.			Death-rate excluding non-residents.*			Its proportion to 1,000 births registered during the year ended last day of Feb., 1917.	Mean Temperature.	Rainfall in Inches.	
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Crude, February, 1917.	Average for Feb., 1908-1916.	February, 1917.	Average for Feb., 1908-1916.	Number registered during Feb., 1917.					
All 33 Towns ..	517,877	618,347	752,790	1,542	836,684	1,520	60	32	92	252	1,263	32.51	26.63	29.02	32.85	354	229	270	78.7	5.57	
<i>Western.</i>																					
Colombo ..	219,557	267,888	275,260	535	336,244	580	28	17	45	65	515	26.03	25.06	29.07	31.36	133	249	303	78.7	5.57	
Negombo ..	13,045	26,339	44,482	92	30,344	64	2	2	4	3	61	45.53	30.19	31.58	31.94	15	103	199	—	6.82	
Moratuwa ..	27,256	29,380	52,661	118	46,400	86	4	—	4	3	3	51.31	35.59	39.26	36.10	20	169	204	—	—	
Kalutara ..	13,005	14,039	26,204	46	27,277	49	1	2	3	3	46	42.71	42.71	42.44	33.56	8	174	223	—	4.14	
Panadura ..	5,709	7,333	6,612	12	9,918	18	—	1	1	3	15	21.33	26.67	31.74	20.97	3	250	306	—	—	
<i>Central.</i>																					
Kandy ..	30,149	32,376	48,509	98	44,266	70	2	—	2	2	49	39.46	19.73	21.50	28.33	15	153	211	75.2	7.34	
Gampola ..	5,521	7,003	15,142	29	15,924	22	2	—	2	7	17	53.98	31.64	32.84	34.20	4	138	239	—	8.41	
Nawalapitiya ..	3,767	3,990	8,617	14	15,102	25	1	1	2	5	18	45.74	16.34	17.76	30.96	4	286	424	—	—	
Hatton and Dikoya.	3,025	3,149	2,578	5	12,618	18	—	—	—	9	9	28.98	37.25	43.51	30.57	6	857	990	—	7.43	
Matale ..	7,325†	7,825†	10,818	8	32,124	44	1	1	1	22	22	29.99	36.65	42.12	35.06	5	278	241	—	10.68	
Nuwara Eliya ..	14,910	15,080§	10,616	6	6,410	6	1	—	1	4	6	13.85	5.19	5.92	9.41	6	375	405	58.0	10.80	
<i>Southern.</i>																					
Galle ..	39,936	41,810	63,766	139	42,502	92	3	—	3	5	87	43.34	27.13	26.56	31.77	23	165	256	77.9	3.55	
Ambalangoda ..	4,384	4,384	1,778	8	2,224	2	—	—	—	4	4	23.79	11.90	—	—	2	250	—	—	—	
Mawara ..	13,851	15,276	16,274	43	15,122	27	4	—	4	—	24	36.70	20.48	20.06	26.35	6	140	146	—	4.93	
Welligama ..	8,672	9,428	16,183	34	7,714	14	1	—	1	—	14	47.01	19.36	17.44	25.72	2	59	75	—	—	
Hambantota ..	3,092	3,263	2,224	2	3,336	6	1	—	1	—	6	15.98	23.97	26.81	42.68	2	—	186	77.4	3.92	
Tangalla ..	3,505	5,704**	6,612	6	3,336	6	1	—	1	—	6	27.43	13.71	14.02	24.65	2	167	127	—	5.47	
<i>Northern.</i>																					
Jaffna ..	40,441	45,229	51,501	101	48,453	93	2	1	3	3	89	29.11	25.65	26.20	52.29	35	346	295	78.2	1.02	
Mannar ..	3,777	4,088	5,499	4	6,511	11	—	—	—	4	7	28.70	22.32	24.58	50.93	2	222	185	79.9	1.53	
Mullaitivu ..	1,392	1,448	2,446	4	2,224	2	—	—	—	—	5	54.02	9.00	11.93	65.77	1	167	186	—	2.42	
Vavuniya ..	808	1,012	1,121	1	2,336	3	—	—	—	—	2	25.75	25.75	34.97	31.09	3	—	153	—	5.10	
<i>Eastern.</i>																					
Baticaloa ..	10,671	11,138	10,233	33	21,173	38	1	—	1	1	37	38.62	43.31	42.71	28.66	9	273	245	78.0	7.15	
Kalmunai ..	2,081	2,081	3,477	4	6,228	8	—	—	—	3	5	43.85	31.32	—	—	4	571	431	—	—	
Trincomalee ..	8,840	10,537	12,122	24	9,152	24	—	—	—	—	24	29.69	29.69	32.60	33.28	6	250	220	78.9	6.01	
<i>North-Western.</i>																					
Kurunegala ..	8,167	9,482	11,133	24	19,183	37	3	—	3	18	19	33.00	26.12	26.84	46.25	6	250	260	78.2	8.43	
Puttalam ..	5,990	6,618	11,142	25	16,132	29	3	1	4	2	27	49.24	53.18	56.88	32.61	9	360	515	78.2	3.38	
Kalpiya ..	1,591	1,667	2,133	3	3,336	6	1	—	1	—	6	23.45	46.91	—	—	2	—	501	—	—	1.13
Chitaw ..	5,033	5,668	7,512	5	8,122	20	—	—	—	3	17	27.60	39.10	37.48	40.51	7	583	550	—	2.99	
<i>North-Central.</i>																					
Anuradhapura ..	5,361	6,821	10,717	7	9,122	21	—	—	—	—	21	32.49	40.13	49.17	60.88	6	353	471	78.0	3.07	
<i>Uva.</i>																					
Badulla ..	6,487	7,226**	15,722	7	4,610	6	—	—	—	1	9	39.69	16.24	17.91	30.67	—	—	—	70.0	11.44	
Lunugala ..	515	601	—	—	7,192	7	—	—	—	19	—	21.70	—	—	—	—	—	—	—	—	
<i>Sabaragamuwa.</i>																					
Retnapura ..	5,476	7,215**	11,142	14	27,481	21	1	1	2	24	24	45.17	43.36	49.16	36.71	8	320	573	78.9	7.38	
Kegalla ..	2,536	2,536	6,612	6	8,144	14	—	—	—	8	6	29.31	29.31	26.88	21.67	1	167	181	—	3.86	

* 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.
 † Estimated to the end of December, 1916, by natural increase method.
 ‡ Population 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 these towns, but is scarcely affected by their rates.
 § Increase of population is due to the extension of the town limits.
 ¶ This increase of population is due to the extension of the town limits as from July, 1915.
 ** Standardized death-rates for Kalpiya.

Table III.—Number of Births and Deaths registered during the Month of February, 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 February, 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 Inter-censal Increase.	Total Births registered.			Stillbirths.			Total Deaths including Deaths in Hospitals and Jails.			Per Mille per Annum.			Mortality of Children under one Year.							
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	Deaths of Non-residents.	Deaths of Residents.	Birth-rate, February, 1917.	Average for Feb., 1908 to 1916.	Death-rate, February, 1917.	Average for Feb., 1908 to 1916.	Standardized Death-rate.*	Number registered during Feb., 1917.	Its proportion to 1000 births registered during the Year ended February, last day of Feb., 1917.	Its proportion to 1000 births registered during the Year ended February, last day of Feb., 1917.	
																						Number registered during Feb., 1917.
City of Colombo ..	219,557	267,898†	275	260	535	28	17	45	336	244	580	65	515	26.03	27.48	25.08	27.48	29.07	133	249	303	
Fort and Galle Face	3,512	3,512†	—	—	—	—	—	—	2	—	2	—	2	—	—	—	—	—	—	—	—	
Pettah ..	7,974	7,974†	—	3	3	1	—	1	3	—	3	—	3	4.90	5.53	4.90	5.14	—	—	—	—	
San Sebastian ..	11,646	13,207	11	11	22	—	—	—	12	7	19	—	19	21.71	24.19	18.75	24.70	—	—	12	545	660
St. Paul's ..	24,736	28,068	24	10	34	1	—	1	27	26	53	—	53	15.79	20.02	24.62	23.60	—	—	18	529	571
Kotahena ..	40,771	46,274	57	56	113	—	5	5	64	47	111	—	111	31.83	25.70	31.27	24.18	—	—	31	274	398
New Bazaar ..	22,309	26,055	32	22	54	2	2	4	22	19	41	—	41	27.02	27.94	20.52	28.29	—	—	16	296	387
Maradana Hospitals			41	38	79	16	4	20	92	58	150	51	99	—	—	—	—	—	—	13	—	—
Maradana (exclusive of Hospitals) ..	48,093	64,374	43	53	96	5	1	6	52	41	93	7	86	19.44	22.55	17.41	24.61	—	—	25	260	323
Slave Island ..	21,984	25,958	25	27	52	2	3	5	20	17	37	—	37	26.11	23.95	18.58	21.58	—	—	8	154	183
Kollupitiya ..	25,410	35,791	17	17	34	1	—	1	13	18	31	7	24	12.38	15.77	8.74	13.61	—	—	6	176	229
Wellawatta ..	13,223	16,675§	25	23	48	—	2	2	29	11	40	—	40	37.52	35.90	31.27	28.98	—	—	4	83	106

* 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 four months, February, 1913, 1914, 1915, and 1916.

Table IV.—Causes of Deaths registered during the Month of February, 1917, 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.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamilis.	Moors.	Malays.	Others.	
All Causes	580	2	3	19	53	111	41	150	93	37	31	40	1	35	293	125	81	18	27	
I.—Infantile Mortality	183	—	—	12	18	31	16	13	25	8	6	4	—	8	66	23	32	3	1	
<i>A.—One Week and under.</i>																				
1. Prematurity	11	—	—	—	—	—	2	3	1	3	1	1	—	2	4	2	2	1	—	
2. Debility	18	—	4	2	—	3	2	1	6	—	—	—	—	—	5	6	7	—	—	
3. Convulsions	11	—	1	1	6	—	—	—	1	1	—	—	—	—	5	2	4	—	—	
4. Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4a. Enteritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. Other Causes	5*	—	—	—	—	1	—	4	—	—	—	—	—	—	—	—	—	—	—	
<i>B.—Over 1 Week and under 1 Year.</i>																				
1. Prematurity	3	—	—	—	—	—	—	—	—	—	3	—	—	1	2	—	—	—	—	
2. Debility	18	—	3	2	—	2	3	2	5	—	1	—	—	—	9	4	5	—	—	
3. Convulsions	22	—	4	6	4	4	3	1	1	2	—	2	—	1	11	3	7	—	—	
4. Diarrhoea	3	—	—	1	2	—	—	—	—	—	—	—	—	1	1	1	—	—	—	
4a. Enteritis	11	—	—	1	1	5	2	—	3	—	—	—	—	1	5	1	4	—	—	
5. Tetanus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Bronchitis	5	—	—	—	—	3	—	—	2	—	—	—	—	1	4	—	—	—	—	
7. Pneumonia	4	—	—	—	—	2	—	—	1	—	—	—	—	1	4	—	—	—	—	
8. Other Causes	22†	—	—	—	4	3	4	3	5	2	1	—	—	1	13	3	3	1	—	
II.—General Mortality (1 Year and over)	447	2	3	7	35	80	25	137	68	29	25	36	1	27	227	102	49	15	26	
1. Plague	36	—	—	1	3	7	2	2	3	—	—	16	—	—	8	21	3	1	3	
2. Smallpox	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	
3. Chickenpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Measles	3	—	—	—	—	1	1	—	1	—	—	—	—	1	—	—	—	—	—	
5. Influenza	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Pyrexia or Fever	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

* Three were due to Atelectasis, 1 to Congenital Disease of Heart, and 1 to Septicæmia.

† This includes 7 from Rickets, 3 from Thrush, 3 from Want of Breast Milk, 2 from Worms, 1 from Stomatitis, 1 from Chickenpox, 1 from Measles, 1 from Syphilis, 1 from Anchylostomiasis, 1 from Improper Feeding, and 1 from Asthma.

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

Causes of Deaths	City of Colombo.	Ward.										Deaths among all Races.							
		Fort and Galle Face.	Petah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Mardana Hospitals.	Mardana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burghers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
II.—General Mortality (1 Year and over)— <i>contd.</i>																			
7. Enteric Fever ..	16					9	1	2	3	1					10	2			2
8. Malaria ..	6							6							2	3			1
9. Malarial Cachexia ..	3					1									1	2			
10. Cholera ..	13					5									9	1			
11. Diarrhoea ..	25					1		13	4	1					9	11			2
11a. Enteritis ..	9							6		1					6	2			2
12. Dysentery ..																			
13. Anchylostomiasis or Dochmius Duo- denalis ..	6														4	1			
14. Cancer ..	5							6							2	2			
15. Phthisis ..	46					9		3	5	4					20	11			2
16. Other Tuberculous Diseases ..	5			2		1		14	2	2					3	8			3
17. Anæmia ..	2					2		1							1	1			
18. Diabetes Mellitus ..	1							1							1	1			1
19. Convulsions ..	7					2		1							1	3			1
20. Tetanus ..	5					1		3							3	3			1
21. Bronchitis ..	6					1		1							1	1			2
22. Pneumonia ..	6					12		1							27	7			1
23. Other Diseases of the Respiratory System ..	52					3	1	22	8	3	1				1	6			6
24. Bright's Disease and Nephritis ..	5							3	1						3	2			
25. Puerperal Eclampsia ..	17					1		6	3						12	1			1
26. Puerperal Septicæmia ..	2							1	1						2	1			
27. Miscarriage ..	4					1		1	2						3	1			
28. Other undefined Accidents of Childbirth ..																			
29. Starvation ..	4							2							1	2			
30. Accidents or Negligence ..																			
31. Homicide ..	5							3							2				3
32. Suicide ..	1							1							1				
33. Execution ..	2								1						2				
34. All other causes ..	4								4						3				
	155*	1	1	4	13	27	8	42	32	14	11	2	1	9	85	30	19	6	5

* Here are included 43 from Old Age, 12 from Worms, 10 from Paralysis, and 4 from Debility.