

SUPPLEMENT
TO THE
Ceylon Government Gazette
PART I.

No. 7,010 — FRIDAY, MAY 9, 1919.

**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF MARCH, 1919.**

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 number of births registered was 1,549 (782 males and 767 females), and was equivalent to an annual rate of 28·08 per 1,000, against 30·61 in the preceding month, 28·21 in the corresponding month of last year, and 30·38 the average for the corresponding months since 1909. The rate ranged from 11·24 in Mannar to 72·06 in Kalmunai.

3. In the city of Colombo the births registered numbered 534 (282 males and 252 females), and were equivalent to an annual rate* of 22·00 per 1,000, against 25·77 in the preceding month, 23·28 in the corresponding month of last year, and 25·60 the average for the corresponding months since 1909. The rate ranged from 10·03 in Kollupitiya to 34·04 in Wellawatta.

Deaths.

4. The total deaths registered during the month numbered 1,849 (1,016 males and 833 females). There were 1,452 deaths of residents in towns, equivalent to an annual rate of 28·69 per 1,000, against 35·09 in the preceding month, 24·14 in the corresponding month of last year, and 28·53 the average for the month of March in each year since 1909. The rate ranged from 88·23 in Aunradhapura to 8·76 in Weligama.

5. In the city of Colombo the deaths numbered 594 (322 males and 272 females). There were 509 deaths of residents, equivalent to an annual rate* of 24·33 per 1,000, against 29·53 in the preceding month, 21·18 in the corresponding month of last year, and 26·52 the average for the month of March in each year since 1909. The rate ranged from 22·37 in New Bazaar to 8·56 in Kollupitiya.

6. The stillbirths registered numbered 97 (45 males and 52 females), as against 98 in the preceding month.

Infant Mortality.

7. The mortality of infants under one year of age was equal to a rate of 261 per 1,000 births registered during the twelve months ended March 31, 1919. Reckoned on the births registered during the month only the rate was 240, against 250 in the preceding month, 190 in the corresponding month of last year, and 225 the average for the corresponding months since 1909.

8. In the city of Colombo the mortality of infants was equal to a rate of 279 per 1,000 births registered during the twelve months ended March 31, 1919. Reckoned on the births registered during the month only the rate was 264, against 250 in the preceding month, 194 in the corresponding month of last year, and 241 the average for the corresponding months since 1909.

Causes of Death.

9. The highest mortality was attributed to *Pneumonia*, to which 14 per cent. of the total deaths was due, 9 per cent. was due to *Debility*, 7 per cent. each to *Malaria and Malarial Cachexia* and *Convulsions*, 6 per cent. each to *Diarrhoea* and *Influenza*, 5 per cent. to *Phthisis*, 4 per cent. each to *Dysentery*, *Anchylostomiasis*, and *Enteritis*, 3 per cent. to *Bright's Disease and Nephritis*, 2 per cent. each to *Enteric Fever* and *Bronchitis*, and 1 per cent. each to *Prematurity*, *Tetanus*, and *Puerperal Septicæmia*.

10. In Colombo too the highest mortality was from *Pneumonia*, to which 16 per cent. of the total deaths was due, 9 per cent. was due to *Phthisis*, 7 per cent. each to *Debility*, *Convulsions*, and *Influenza*, 4 per cent. each to *Enteritis* and *Enteric Fever*, 3 per cent. to *Bright's Disease and Nephritis*, 2 per cent. each to *Dysentery*, *Diarrhoea*, *Tetanus*, and *Bronchitis*, and 1 per cent. each to *Malaria and Malarial Cachexia*, *Cancer*, *Prematurity*, and *Anchylostomiasis*.

11. Three deaths from *Plague* were registered in Colombo, against 1 in the preceding month and 11 in the corresponding month of last year.

12. *Infectious Diseases reported.*—The infectious disease most prevalent during the month was *Phthisis*, of which 117 cases were reported (106 in Colombo, 7 in Galle), followed by *Chickenpox* 78 (54 in Colombo, 8 in Kandy, 5 in Gampola), *Enteric Fever* 53 (42 in Colombo, 4 in Batticaloa), *Continued Fever* 25 (13 in Colombo, 5 in Moratuwa, 5 in Kandy), *Measles* 20 (13 in Matale), *Mumps* 6 (in Kandy), *Whooping Cough* 4 (2 in Colombo and 2 in Kandy), *Smallpox* 4 (in Colombo), *Plague* 3 (in Colombo), and *Diphtheria* 1 (in Colombo).

Meteorology.

13. *Rainfall.*—Ratnapura recorded the highest rainfall (12·77 inches), followed by Kegalla (9·87 inches) and Gampola (9·33 inches). In the other towns the rainfall ranged from 7·92 inches in Kurunegala to 0·73 of an inch in Mullaitivu.

14. *Temperature.*—The mean temperature varied from 57·7° in Nuwara Eliya to 83·0° in Ratnapura, and was 81·6° in Colombo.

15. 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, April 24, 1919.

W. L. KINDERSLEY,
Registrar-General.

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

Table I.—Number of Births and Deaths registered during March, 1919, their Proportion per 1,000 of the Population per Annum, and the Stillbirths and the Deaths of Children under One Year and their Proportion with the Average Birth- and Death-rates in the corresponding months since 1909, 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 1919 by Increase.	Total Births.		Total Deaths.		Total Stillbirths.		Deaths of Town Residents.	Birth-rate.		Death-rate excluding non-residents.		Mortality of Children under One Year.		Mean Temperature.	Rainfall in Inches.						
			Males.	Females.	Males.	Females.	Males.	Females.		Males.	Females.	Crude, March, 1919.	Standardized, March, 1919.	Average Death-rate for Mar. 1909-1918.	Number registered during Mar., 1919.			Its proportion to 1000 births registered during the year ended the last day of Mar., 1919.					
All 32 Towns ..	517,877	649,472	782,767	1,549	1,016	883	1,849	45	52	97	889	1,452	28.08	30.88	26.82	28.69	28.53	382	240	261	81.6	3.36	
<i>Western.</i>																							
Colombo ..	219,557	285,795	282,252	534	322	272	594	15	17	32	83	509	22.00	25.60	20.97	24.33	26.52	141	264	279	81.6	4.75	
Negombo ..	13,045	27,033	41,601	101	40	59	99	2	2	4	10	89	43.99	42.69	38.76	40.55	30.60	29	239	304	—	6.75	
Moratuwa ..	27,256	30,902	53,491	102	47	59	106	3	3	6	5	101	38.86	46.53	38.48	42.44	31.87	29	284	299	—	—	
Kalutara ..	13,005	14,386	27,241	51	20	17	37	2	2	2	8	29	41.74	37.29	23.73	23.58	23.86	5	98	138	—	—	
Panadura ..	5,709	7,936	9	14	8	5	13	—	—	—	7	6	20.77	28.99	8.90	10.60	15.92	3	214	234	—	—	
<i>Central.</i>																							
Kandy ..	30,149	33,197	46	52	45	47	92	3	3	6	30	60	34.76	32.79	21.28	23.19	28.28	10	102	111	78.8	4.82	
Gampola ..	5,521	7,550	9	14	23	14	8	22	1	4	4	18	35.87	34.90	28.07	29.13	32.60	5	217	255	—	9.33	
Nawalapitiya ..	3,767	4,061	3	6	2	9	11	1	2	3	—	11	17.39	32.09	31.89	34.67	31.83	1	167	173	—	—	
Hatton and Dikoya ..	3,025	3,187	3	6	12	10	22	—	—	—	12	10	22.17	21.60	36.94	34.27	22.67	1	167	127	—	7.60	
Matale ..	6,792	8,073d	3	13	18	15	33	1	2	3	15	18	23.34	36.61	26.25	30.17	34.53	3	188	127	—	7.23	
Nuwara Eliya ..	14,910	15,131e	9	11	20	9	17	1	1	1	4	13	15.56	13.11	10.12	11.53	9.14	7	350	334	—	4.72	
<i>Southern.</i>																							
Galle ..	39,936	42,418	59	78	48	38	86	4	5	9	11	75	38.03	30.39	20.82	20.38	26.18	26	190	265	81.0	1.62	
Ambalangoda ..	—	4,604	7	4	4	1	5	—	—	—	—	5	28.13	—	12.79	—	—	2	173	265	—	2.82	
Matara ..	13,851	17,529d	23	26	28	16	44	1	1	1	9	35	32.91	38.18	23.45	23.03	24.64	10	204	181	—	—	
Weligama ..	8,672	9,684	14	14	28	3	5	8	1	1	—	8	34.04	39.30	9.73	8.76	20.12	1	36	37	—	—	
Hambantota ..	3,092	3,318	2	6	6	4	10	—	—	—	1	9	28.39	41.04	31.94	35.71	30.26	2	250	182	81.3	1.12	
Tangalla ..	3,505	6,187d	11	8	19	7	5	12	—	—	3	9	36.16	34.31	17.13	17.51	33.47	3	158	182	—	4.91	
<i>Northern.</i>																							
Jaffna ..	40,441	46,858	52	57	85	67	152	4	8	12	3	149	27.39	33.81	37.44	38.25	39.47	37	339	299	81.8	5.23	
Mannar ..	3,777	4,191	2	2	4	18	10	26	—	—	6	22	11.24	35.36	61.81	68.22	57.18	7	7	649	82.4	0.73	
Mullaitivu ..	1,392	1,466	3	2	5	1	6	1	—	—	—	6	40.15	54.41	48.18	63.88	69.66	1	200	196	—	—	
Vavuniya ..	808	1,087	1	2	3	5	3	8	—	—	3	3	32.49	35.03	32.49	44.12	42.53	2	—	1,180	—	2.41	
<i>Eastern.</i>																							
Batticaloa ..	10,671	11,290	16	13	29	34	14	48	1	2	2	46	30.24	29.23	49.09	47.31	34.17	11	379	315	80.5	1.64	
Kalmunai ..	—	2,124	8	5	13	14	10	24	—	—	9	14	72.06	46.81	77.60	—	—	3	231	247	—	—	
Trincomalee ..	8,840	11,136	11	9	20	19	8	27	2	—	2	25	21.15	27.45	26.43	29.01	42.77	3	150	128	82.6	2.50	
<i>North-Western.</i>																							
Kurunegala ..	8,167	9,931	17	11	28	47	41	88	1	2	53	35	33.20	33.03	41.50	42.63	41.90	6	214	237	82.6	7.92	
Puttalam ..	5,990	6,830	19	5	24	31	16	47	4	1	11	36	41.37	34.24	62.06	66.38	29.74	8	333	355	81.0	1.50	
Kapitiya ..	1,591	1,691	3	3	2	4	6	—	—	—	—	6	41.78	32.01	41.78	—	—	3	500	785	—	1.56	
Chilaw ..	5,033	6,274d	12	10	22	31	22	53	—	—	25	28	41.29	36.50	52.55	50.37	25.53	5	226	281	—	3.47	
<i>North-Central.</i>																							
Anuradhapura ..	5,361	7,358	8	8	16	39	22	61	1	2	16	45	25.60	20.71	72.00	88.23	48.87	9	563	517	81.6	5.66	
<i>Uva.</i>																							
Badulla ..	6,487	7,361d	17	8	25	19	12	31	—	—	12	19	39.99	26.54	30.39	33.53	28.44	6	240	227	73.1	6.19	
Lunugala ..	515	629	—	1	1	9	10	19	2	—	17	1	18.73	22.83	18.73	—	—	2	—	1308	—	—	—
<i>Sabaragamuwa.</i>																							
Ratnapura ..	5,476	7,543d	6	4	10	15	10	25	—	—	19	6	15.61	33.46	9.37	10.61	36.84	2	200	119	83.0	12.77	
Kegalla ..	2,536	2,712	6	5	11	10	5	15	1	—	9	6	47.76	34.51	26.05	23.89	13.36	4	364	574	—	9.87	

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 observatories or rain gauges.
 c Includes population of the Negombo Local Board and registration area.
 d Estimated to the end of December, 1918, by natural increase method.
 e Estimated by 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.
 f Standardized death-rates for Kapitiya and Lunugala towns.
 The death-rates given for "All Towns" is, therefore, independent of the towns, but is scarcely affected by their rates.

Table III.—Number of Births and Deaths registered during the Month of March, 1919, 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 March, 1909 to 1918, in each Ward of the City of Colombo.

Wards.	Population (inclusive of Military) at the Census of 1911.	Population Estimated to Middle of 1919 by Inter-censal Increase.	Total Births registered.			Stillbirths.			Total Deaths including Deaths in Hospitals and Jails.			Per Mile per Annum.			Mortality of Children under one Year.					
			Males.		Females.	Males.		Females.	Persons.		Deaths of Residents.		Deaths of Non-Residents.		Standardized Death-rate.	Number registered during Mar., 1919.	Its proportion to 1000 births registered during Mar., 1919.	Its proportion to annum to 1000 births registered during Year ended last day of Mar., 1919.		
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.	March, 1919.	Average for Mar., 1909 to 1918.	March, 1919.					Average for Mar., 1909 to 1918.	
City of Colombo ..	219,557	285,795	282	252	534	15	17	32	322	272	594	85	509	20.97	23.28	24.33	141	264	279	
Fort and Galle Face	3,512	3,512†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pettah ..	7,974	7,974†	1	1	2	—	—	—	3	3	6	—	6	—	6.42	—	—	1	500	380
San Sebastian ..	11,546	13,780	17	10	27	—	—	—	8	11	19	—	19	8.86	8.43	—	7	259	366	
St. Paul's ..	24,735	29,210	16	20	36	1	1	2	29	24	53	—	53	16.23	18.24	—	17	472	480	
Kotahena ..	40,771	48,168	49	41	90	1	3	4	48	41	89	—	89	21.36	20.60	—	28	311	324	
New Bazaar ..	22,309	27,362	25	23	48	1	2	3	30	22	52	—	52	21.75	21.69	—	17	354	399	
Maradana Hospitals			54	49	103	8	2	10	102	77	179	74	105	22.37	21.80	—	23	—	—	
Maradana (exclusive of Hospitals) ..	48,093	70,574	50	56	106	1	4	5	40	44	84	1	83	—	—	—	—	—	—	
Slave Island ..	21,984	27,353	20	16	36	1	2	3	25	23	48	2	46	13.84	19.56	—	22	207	269	
Kollupitiya ..	25,410	39,878	20	14	34	—	—	—	23	14	37	8	29	19.80	20.49	—	13	361	300	
Wellawatte ..	13,223	17,984	30	22	52	2	3	5	14	13	27	—	27	8.56	11.36	—	6	176	211	
														17.67	28.59†	—	7	134	156	

* 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.

† The population of these two wards being a fluctuating one, their population cannot be estimated to the middle of 1919. Hence the Census figures are retained.

‡ Average for months of March, 1913-1918.

Table IV.—Causes of Deaths registered during the Month of March, 1919, in each Ward and of each Race in the City of Colombo.

Causes of Death.	City of Colombo.	Wards.											Deaths among all Races.						
		Fort and Galle Face.	Pettah.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Maradana (exclusive of Hospitals).	Slave Island.	Kollupitiya.	Wellawatta.	Europeans.	Burgbers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.
All Causes	594	—	6	19	53	89	52	179	84	48	37	27	3	24	329	123	84	12	19
I.—Infantile Mortality	141	—	1	7	17	28	17	23	22	13	6	7	1	6	80	28	20	4	2
A.—One Week and under.																			
1. Prematurity ..	5	—	—	—	—	—	—	4	—	—	—	1	—	—	4	1	—	—	—
2. Debility ..	10	—	—	—	—	—	—	1	—	—	—	—	—	—	6	—	—	—	—
3. Convulsions ..	9	—	—	1	2	—	2	2	1	—	—	1	—	—	5	3	1	—	—
4. Diarrhœa ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Tetanus ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Other Causes ..	6*	—	—	—	—	—	—	4	1	—	1	—	—	2	4	—	—	—	—
B.—Over 1 Week and under 1 Year.																			
1. Prematurity ..	1	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—
2. Debility ..	31	—	—	1	5	5	1	7	8	4	—	—	—	—	14	10	5	—	—
3. Convulsions ..	27	—	—	4	5	4	6	—	3	1	2	2	—	16	6	5	2	—	—
4. Diarrhœa ..	4	—	—	—	1	2	—	1	—	—	—	—	—	2	1	—	—	—	—
4a. Enteritis ..	7	—	—	—	1	1	—	—	3	—	—	—	—	4	1	—	1	—	—
5. Tetanus ..	1	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	—
6. Bronchitis ..	3	—	—	1	—	—	1	—	1	—	—	—	—	2	—	—	—	—	—
7. Pneumonia ..	18	—	—	1	5	3	3	2	2	1	1	1	1	8	2	4	—	—	—
8. Other Causes ..	19†	—	1	—	2	7	—	1	—	6	—	2	—	13	4	1	1	—	—
II.—General Mortality (1 Year and over)	453	—	5	12	36	61	35	156	62	35	31	20	2	18	249	95	64	8	17
1. Plague ..	3	—	—	—	3	—	—	—	—	—	—	—	—	—	1	1	—	—	—
2. Smallpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Chickenpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Measles ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Influenza ..	38	—	2	2	8	4	3	3	6	5	5	—	—	2	12	17	5	1	1
6. Pyrexia or Fever ..	4	—	—	—	—	—	—	—	4	—	—	—	—	4	4	—	—	—	—
7. Enteric Fever ..	21	—	—	—	—	3	3	12	1	—	1	1	—	2	13	3	2	—	1
8. Malaria ..	6	—	—	—	—	1	4	1	—	—	—	—	—	2	1	3	—	—	—
9. Malarial Cachexia ..	2	—	—	—	—	1	—	—	—	—	—	1	—	2	—	—	—	—	—
10. Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Diarrhœa ..	8	—	—	1	1	5	1	—	—	—	—	—	—	4	3	1	—	—	—
11a. Enteritis ..	18	—	—	—	—	2	1	7	3	3	—	2	—	1	9	4	3	1	—
12. Dysentery ..	14	—	—	1	1	4	—	3	1	1	3	—	—	8	5	1	—	—	—
13. Anchylostomiasis or Dochmius Duodenalis ..	6	—	—	—	—	—	—	6	—	—	—	—	—	5	1	—	—	—	—
14. Cancer ..	7	—	—	—	—	—	—	5	1	—	—	1	—	1	5	1	—	—	—
15. Phthiasis ..	53	—	—	1	1	6	5	19	7	4	6	4	—	3	28	11	9	—	2
16. Other Tuberculous Diseases ..	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
17. Anæmia ..	4	—	—	—	—	1	—	2	—	—	—	1	—	—	2	1	—	—	1
18. Diabetes Mellitus ..	2	—	—	—	—	—	—	1	—	1	—	—	—	—	1	1	—	—	—
19. Convulsions ..	9	—	—	1	2	5	1	—	—	—	—	—	—	6	3	—	—	—	—
20. Tetanus ..	9	—	—	—	—	—	—	5	1	1	—	—	—	5	1	1	1	1	1
21. Bronchitis ..	6	—	—	—	—	2	1	—	2	—	—	—	—	3	1	1	1	—	—
22. Pneumonia ..	80	—	1	3	6	3	6	39	9	8	3	2	—	3	41	16	14	1	8
23. Other Diseases of the Respiratory System ..	10	—	—	—	2	—	1	6	—	1	—	—	—	5	3	2	—	—	—
24. Bright's Disease and Nephritis ..	21	—	—	—	1	4	2	9	1	1	2	1	—	1	16	1	3	—	—
25. Puerperal Eclampsia ..	3	—	—	—	—	—	—	1	—	1	—	—	—	1	1	—	—	—	—
26. Puerperal Septicæmia ..	4	—	—	—	1	—	—	3	—	—	—	—	—	2	2	—	—	—	—
27. Miscarriage ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28. Other undefined Accidents of Childbirth ..	6	—	—	—	—	1	—	2	2	1	—	—	—	4	1	—	—	—	—
29. Starvation ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30. Accidents or Negligence ..	5	—	—	—	—	1	—	2	—	—	—	2	—	—	5	—	—	—	—
31. Homicide ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
32. Suicide ..	1	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—
33. Execution ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
34. All Other Causes ..	110‡	—	1	1	9	18	6	30	25	6	10	4	2	5	61	17	18	2	5

* Two deaths from Atelectasis and 1 each from Hæmorrhagè, Malformation, Jaundice, and Cystic Disease of the Kidney.

† Six deaths from Influenza, 5 from Want of Breast Milk, 2 each from Syphilis, Nephritis, and Thrush, and 1 each from Intestinal Parasites and Ricketts.

‡ Here are included 21 deaths from Senility, 17 from Intestinal Parasites, 9 from Paralysis, 7 from Marasmus, 5 from Ricketts, 4 from Debility, and 3 from Syphilis.