

SUPPLEMENT

TO THE

Ceylon Government Gazette

PART I.

No. 7,006 — THURSDAY, APRIL 17, 1919.

VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF FEBRUARY, 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 1,525 (788 males and 737 females), and was equivalent to an annual rate of 30·61 per 1,000, against 31·85 in the preceding month, 30·99 in the corresponding month of last year, and 31·25 the average for the corresponding months since 1909. The rate ranged from 9·48 in Nuwara Eliya to 82·97 in Lunugala.

3. In the city of Colombo the births registered numbered 565 (305 males and 260 females), and were equivalent to an annual rate* of 25·77 per 1,000, against 26·16 in the preceding month, 26·20 in the corresponding month of last year, and 27·18 the average for the corresponding months since 1909. The rate ranged from 8·17 in Kollupitiya to 29·00 in Wellawatta.

Deaths.

4. The total deaths registered during the month numbered 2,028 (1,106 males and 922 females). There were 1,604 deaths of residents in towns, equivalent to an annual rate of 35·09 per 1,000, against 33·59 in the preceding month, 27·44 in the corresponding month of last year, and 31·94 the average for the month of February in each year since 1909. The rate ranged from 123·73 in Anuradhapura to 13·23 in Kegalla.

5. In the city of Colombo the deaths numbered 653 (373 males and 280 females). There were 558 deaths of residents, equivalent to an annual rate* of 29·53 per 1,000, against 28·01 in the preceding month, 24·71 in the corresponding month of last year, and 30·06 the average for the month of February in each year since 1909. The rate ranged from 31·21 in San Sebastian to 9·48 in Kollupitiya.

6. The stillbirths registered numbered 98 (47 males and 51 females), against 101 in the preceding month.

Infant Mortality.

7. The mortality of infants under one year of age was equal to a rate of 289 per 1,000 births registered during the twelve months ended February 28, 1919. Reckoned on the births registered during the month only the rate was 250, against 273 in the preceding month, 232 in the corresponding month of the previous year, and 260 the average for the corresponding months since 1909.

8. In the city of Colombo the mortality of infants was equal to a rate of 308 per 1,000 births registered during the twelve months ended February 28, 1919. Reckoned on the births registered during the month only the rate was 250, against 265 in the preceding month, 216 in the corresponding month of the previous year, and 283 the average for the corresponding months since 1909.

Causes of Death.

9. The highest mortality was attributed to *Pneumonia*, to which 15 per cent. of the total deaths was due, 8 per cent. was due to *Debility*, 7 per cent. each to *Malaria* and *Malarial Cachexia* and *Convulsions*, 5 per cent. each to *Phthisis*, *Diarrhœa*, *Influenza*, and *Dysentery*, 4 per cent. each to *Enteritis* and *Anchylostomiasis*, 3 per cent. to *Bright's Disease* and *Nephritis*, 2 per cent. each to *Enteric Fever* and *Bronchitis*, and 1 per cent. each *Prematurity* and *Puerperal Septicæmia*.

10. In Colombo too the highest mortality was from *Pneumonia*, to which 12 per cent. of the total deaths was due, 10 per cent. was due to *Phthisis*, 8 per cent. to *Convulsions*, 7 per cent. each to *Debility* and *Enteritis*, 5 per cent. to *Influenza*, 3 per cent. each to *Bright's Disease* and *Nephritis* and *Dysentery*, 2 per cent. each to *Diarrhœa*, *Enteric Fever*, and *Bronchitis*, and 1 per cent. each to *Tetanus*, *Prematurity*, and *Anchylostomiasis*. One death from *Plague* was registered (in Colombo).

11. *Infectious Diseases reported.*—The infectious disease most prevalent during the month was *Phthisis*, of which 101 cases were reported (91 in Colombo, 6 in Galle), followed by *Enteric* 56 (33 in Colombo, 7 in Panadura, 5 in Batticaloa), *Chickenpox* 51 (36 in Colombo), *Continued Fever* 34 (21 in Colombo, 7 in Moratuwa), *Dysentery* 6 (4 in Moratuwa), *Measles* 4 (3 in Colombo), *Diphtheria* 2 (in Colombo), *Mumps* 1 (in Colombo), *Smallpox* 1 (in Galle), and *Plague* 1 (in Colombo).

Meteorology.

12. *Rainfall.*—Ratnapura recorded the highest rainfall (3·09 inches), followed by Trincomalee (2·90 inches) and Kalutara (2·65 inches). In the other towns it ranged from 2·43 inches in Galle to 0·02 of an inch in Kurunegala, Puttalam, and Jaffna, respectively. Colombo recorded 0·34 of an inch.

13. *Temperature.*—The mean temperature varied from 59·4° in Nuwara Eliya to 82·3° in Ratnapura, and was 81·6° in Colombo.

14. For detailed statistics, see Tables I. and II. for all towns and Tables III. and IV. for the city of Colombo.

Registrar-General's Office,
Colombo, March 25, 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 to wards.

Table I.—Number of Births and Deaths registered during February, 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 per 1,000 Registered Births, together 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) 1919 by the Census at the Census of March 10, 1912.		Population estimated to the Middle of 1919 by the Intercensal Increase.		Total Births.		Total Deaths.		Total Stillbirths.		Deaths of Town Residents.		Birth-rates.		Death-rate excluding non-residents.		Mortality of Children under One Year.		Rainfall in Inches.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Average for Feb. 1909-1918.	Crude, February, 1919.	Standardized, February, 1919.	Average, Death-rate for Feb. 1909-1918.	Number registered during Feb., 1919.	Its proportion to 1000 births registered during the year ended the last day of Feb., 1919.		Mean Temperature.
All 33 Towns ..	649,472	788,787	1,525	1,106	922	2,028	47	51	98	420	1,604	30.61	31.25	32.19	35.09	81.94	381	289	81.6	0.34
Western.																				
Colombo	219,557	305,280	565	373	280	653	17	20	37	94	558	25.77	27.18	23.45	29.53	30.06	141	308	81.6	0.12
Negombo	13,045	53,34	87	65	54	119	1	1	2	14	105	41.95	41.92	50.63	52.96	31.71	18	258	—	2.65
Moratuwa	30,902	42,58	100	50	61	111	1	1	2	2	109	23.18	46.98	45.98	50.71	38.71	28	320	—	—
Kalutara	13,005	17,11	28	11	15	26	1	3	4	20	23.37	38.51	18.12	18.01	34.52	5	179	—	—	
Panadura	5,709	7,936	7	11	7	18	—	—	—	5	13	24.64	28.07	21.35	25.42	19.68	4	339	—	—
Central.																				
Kandy	30,149	45,48	93	57	51	108	4	1	5	28	80	36.52	30.46	31.41	34.24	28.12	19	238	78.4	0.31
Gampola	5,621	7,580	13	9	7	12	—	—	—	2	10	37.99	41.07	17.27	17.92	32.20	3	163	—	1.60
Navalaplitiya	3,767	4,051	3	2	4	11	—	—	—	2	9	9.63	29.68	28.89	31.40	37.60	—	—	—	—
Hatton and Dikoya.	3,025	3,187	3	4	6	10	—	—	—	7	20	20.45	21.59	12.27	14.33	30.84	1	136	—	1.01
Matale	5,792	8,073	10	9	15	37	1	1	2	17	20	30.68	30.03	32.29	37.11	34.79	2	92	—	0.20
Nuwara Eliya	14,910	15,131	4	7	6	16	—	—	1	2	14	9.48	52.70	12.06	13.75	8.22	6	325	59.4	0.10
Southern.																				
Galle	39,936	63,55	118	67	53	110	9	7	16	19	91	36.26	35.46	27.97	27.38	31.22	21	245	80.2	2.43
Ambalangoda	4,604	1,6	7	4	—	4	—	—	—	4	4	19.82	—	11.32	—	—	—	—	—	—
Matara	17,529	23,26	53	33	21	54	1	—	1	11	43	39.41	40.99	31.98	25.95	—	10	200	—	0.23
Weligama	8,672	9,684	12	7	8	15	—	—	—	15	15	39.04	36.32	20.19	18.19	22.51	4	188	—	—
Hambantota	3,092	3,318	5	3	5	12	—	—	—	3	9	31.43	32.99	35.36	39.54	39.84	3	165	—	—
Tangalla	3,505	6,187	7	3	6	15	—	—	—	5	10	21.07	39.86	21.07	21.54	22.84	2	298	80.2	0.05
Northern.																				
Jaffna	40,441	66,74	140	74	94	168	3	2	5	7	160	38.95	32.02	44.51	45.47	47.97	35	307	80.6	0.02
Mannar	3,777	4,191	8	4	4	22	—	—	—	3	19	37.33	40.72	59.10	65.08	44.68	4	378	81.6	1.19
Mullaitivu	1,392	1,466	3	1	3	4	7	—	—	7	7	35.57	39.72	62.24	82.51	56.07	2	442	—	0.00
Vavuniya	808	1,087	—	3	3	5	—	—	—	3	2	—	14.53	23.98	32.57	26.33	1	767	—	0.00
Eastern.																				
Batticaloa	10,671	11,290	32	13	9	22	1	—	1	—	23	36.95	26.45	25.40	25.05	31.55	3	96	80.2	0.50
Kalmunai	—	2,124	5	4	8	19	1	—	1	1	27	55.23	40.39	42.96	—	—	5	456	—	—
Trincomalee	8,840	11,136	13	12	13	28	—	—	—	1	27	29.26	22.67	31.60	34.69	34.34	6	283	82.1	2.90
North-Western.																				
Kurunegala	8,167	9,931	9	11	20	34	2	3	5	72	60	26.25	29.14	78.76	80.91	43.80	13	561	80.8	0.02
Puttalam	5,990	6,830	14	6	23	55	1	3	4	12	43	38.17	41.47	82.07	87.78	33.98	14	686	80.4	0.02
Kalpitiya	1,591	1,691	—	2	3	5	—	—	—	5	5	—	21.26	38.54	—	—	—	—	—	—
Chilaw	5,033	6,274	12	12	40	39	7	1	1	—	44	49.87	39.42	91.42	87.64	38.31	7	432	—	0.00
North-Central.																				
Anuradhapura	5,361	7,358	4	15	19	67	3	2	5	10	57	33.66	22.68	100.98	123.73	55.97	8	524	78.8	0.75
Uva.																				
Badulla	6,487	7,361	10	9	16	34	—	—	—	14	20	33.65	39.52	35.42	39.08	28.90	6	255	72.0	0.75
Lunugala	515	629	4	4	8	13	—	—	—	10	3	82.97	18.78	62.22	—	—	2	500	—	—
Sabaragamuwa.																				
Ratnapura	5,476	7,543	11	3	14	25	1	2	3	13	12	24.19	35.49	20.74	23.51	35.25	5	357	82.3	3.09
Kegalla	2,536	2,712	5	6	7	14	—	—	—	11	3	48.07	34.46	14.42	13.23	23.36	3	482	—	0.05

^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 Estimated to the end of December, 1918, by natural increase method.
^d This increase of population is due to the extension of the town limits.
^e Standardized death-rates for Kalpiya 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-rates given for "All Towns" is, therefore, independent of the towns, but is scarcely affected by their rates.

Table II.—Causes of Deaths registered during February, 1919, in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.

Causes of Deaths.	Western Province.				Central Province.				Southern Province.				Northern Province.				Eastern Province.				North-Western Province.			North-Central Province.	Provinces of Uva.		Province of Sabaragamuwa.		Deaths among all Races.														
	Colombo.	Negombo.	Moratuwa.	Kalutara.	Pandure.	Kandy.	Gampola.	Nawalapitiya.	Ratton & Dikoya.	Matale.	Nuwara Eliya.	Galle.	Amhalangoda.	Matara.	Weligama.	Hambantota.	Tangalle.	Jaffna.	Mannar.	Mullaitivu.	Vaunalya.	Batticaloa.	Kalmunai.	Trincomalee.	Kurumegala.	Puttalam.	Kalpiya.	Chilaw.	Anuradhapura.	Badulla.	Lunigala.	Ratnapura.	Kegalla.	Europeans.	Burgbers.	Sinhalese.	Tamils.	Moors.	Malays.	Others.			
All Causes	653	149	111	26	18	108	12	110	37	16	110	4	5	4	3	2	168	22	7	5	22	19	28	134	55	579	67	34	13	25	14	8	39	1092	597	240	26	26					
I.—Infantile Mortality	381	141	18	28	5	4	19	3	1	2	6	21	10	4	3	2	35	4	2	1	3	5	6	18	14	7	8	6	2	5	3	7	199	107	53	9	5						
<i>A.—One Week and under.</i>																																											
1. Prematurity ..	8	1	1	—	—	1	—	—	—	1	—	1	1	2	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	12	8	3	2	—	—				
2. Debility ..	18	1	—	1	—	3	—	1	1	—	—	1	1	—	—	—	7	3	1	1	3	—	—	—	—	—	—	—	—	—	—	—	1	20	27	9	3	—	—				
3. Convulsions ..	34	10	4	1	3	1	—	—	—	—	—	3	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21	6	7	—	—	—	—				
4. Diarrhoea ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
4a. Enteritis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
5. Tetanus ..	4	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
6. Bronchitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. Other Causes.	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>B.—Over 1-Week and under 1 Year.</i>																																											
1. Prematurity ..	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Debility ..	49	18	7	6	—	3	—	—	—	—	—	2	9	—	—	—	2	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Convulsions ..	68	30	1	4	—	1	—	—	—	—	—	5	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Diarrhoea ..	14	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4a. Enteritis ..	21	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5. Tetanus ..	6	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Bronchitis ..	19	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7. Pneumonia ..	22	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. Other Causes.	51†	22	5	1	—	4	—	—	—	—	—	3	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
II.—General Mortality (1 Year and over)	1,647	512	101	83	21	14	89	9	11	9	35	10	89	4	4	11	9	13	183	18	5	4	19	14	22	121	41	5	72	59	28	11	7	32	893	490	187	17	21				
1. Plague ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1a. Smallpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Chickenpox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Measles ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* These are due to 1 death from Intestinal Obstruction (in Moratuwa) and 1 from diseases not specified (in Anuradhapura).
† This includes, besides 22 deaths mentioned in Table IV., footnote 1, 10 deaths from Malaria (5 in Puttalam, 2 in Chilaw, 2 in Anuradhapura, and 1 in Negombo), 4 from Thrush (3 in Negombo and 1 in Moratuwa), 3 from Abscess (1 each in Negombo, Kalutara, and Badulla), 2 from Syphilis (1 each in Kandy and Nuwara Eliya), 2 from Dysentery (in Jaffna), 2 from Burns (1 in Galle, 1 in Badulla), and 1 each from Worms (in Galle), Abdominal Tuberculosis (in Kandy), Nephritis (in Jaffna), Influenza (in Galle), Asthma (in Kandy), and Paralysis of Intestines (in Kandy).

Table III.—Number of Births and Deaths registered during the Month of February, 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 February, 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.			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.		Standardized Death-rate.*	Number registered during Feb., 1919.	Its proportion to 1000 births registered during Feb., 1919.	Its proportion to 1000 births registered during the Year ended last day of Feb., 1919.		
															Average for Feb., 1909 to 1918.	February, 1919.					Average for Feb., 1909 to 1918.	
City of Colombo ..	219,557	285,795	305	260	565	17	20	37	378	280	658	95	558	25.77	27.18	25.45	26.18	29.53	141	250	308	
Fort and Galle Face	3,612	3,612†	1	2	3	—	—	—	1	—	1	1	—	11.13	2.99	—	4.82	—	—	—	—	—
Pettah ..	7,974	7,974†	5	1	6	—	—	—	6	1	7	—	7	9.81	5.79	11.44	11.97	—	2	338	815	
San Sebastian ..	11,846	18,780	8	16	24	—	2	2	16	17	33	—	33	22.70	22.90	31.21	23.74	—	11	458	658	
St. Paul's ..	24,735	29,210	30	24	54	—	1	1	30	21	51	—	51	24.09	19.37	23.75	23.77	—	17	315	536	
Kotahena ..	40,771	48,168	48	23	71	2	3	5	47	29	76	—	76	19.21	26.10	20.56	24.66	—	20	282	264	
New Bazaar ..	22,309	27,362	24	29	53	—	4	4	29	25	54	—	54	25.25	26.84	25.72	26.80	—	18	340	475	
Maradana Hospitals			91	86	177	9	6	15	112	76	188	81	107	—	—	—	—	—	16	—	—	—
Maradana (exclusive of Hospitals) ..	48,093	70,574	40	31	71	3	—	3	66	50	116	2	114	13.11	22.22	21.06	22.40	—	24	338	334	
Slave Island ..	21,984	27,353	26	15	41	1	1	2	27	28	55	1	54	19.63	24.12	25.73	19.34	—	16	390	391	
Kollupitiya ..	25,410	39,878	13	12	25	1	—	1	25	14	39	10	29	8.17	14.91	9.48	11.99	—	10	400	372	
Wellawatta ..	13,223	17,984	19	21	40	1	3	4	14	19	33	—	33	29.00	35.21†	23.92	27.13†	—	7	175	177	

* 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 February, 1913-1918.

