

SUPPLEMENT

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VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF JUNE, 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 1,176 (623 males and 553 females), and was equivalent to an annual rate of 22·03 per 1,000, against 27·03 in the preceding month, 24·57 in the corresponding month of last year, and 25·50 the average for the corresponding months since 1909. The rate ranged from 5·29 in Ambalangoda to 60·35 in Batticaloa.

3. In the city of Colombo the births registered numbered 438 (233 males and 205 females), and were equivalent to an annual rate* of 18·65 per 1,000, against 22·78 in the preceding month, 18·34 in the corresponding month of last year, and 20·96 the average for the corresponding months since 1909. The rate ranged from 6·41 in Kollupitiya to 24·36 in Wellawatta.

Deaths.

4. The total deaths registered during the month numbered 1,940 (1,067 males and 873 females). There were 1,566 deaths of residents in towns, equivalent to an annual rate of 31·98 per 1,000, against 31·62 in the preceding month, 22·56 in the corresponding month of last year, and 27·02 the average for the month of June in each year since 1909. The rate ranged from 99·90 in Batticaloa to 12·84 in Nuwara Eliya.

5. In the city of Colombo the deaths numbered 706 (398 males and 308 females). There were 633 deaths of residents, equivalent to an annual rate* of 31·26 per 1,000, against 30·44 in the preceding month, 20·56 in the corresponding month of last year, and 27·43 the average for the month of June in each year since 1909. The rate ranged from 32·47 in Wellawatta to 11·90 in Kollupitiya.

6. The stillbirths registered numbered 48 (22 males and 26 females), against 62 in the preceding month.

Infant Mortality.

7. The mortality of infants under one year of age was equal to a rate of 223 per 1,000 births registered during the twelve months ended June 30, 1919. Reckoned on the births registered during the month only the rate was 270, against 235 in the preceding month, 232 in the corresponding month of last year, and 257 the average for the corresponding months since 1909.

8. In the city of Colombo the mortality of infants was equal to a rate of 241 per 1,000 births registered during the twelve months ended June 30, 1919. Reckoned on the births registered during the month only the rate was 274, against 237 in the preceding month, 271 in the corresponding month of last year, and 302 the average for the corresponding months since 1909.

Causes of Death.

9. The highest mortality was attributed to *Pneumonia*, to which 22 per cent. of the total deaths was due, 10 per cent. was due to *Influenza*, 7 per cent. to *Debility*, 6 per cent. to *Convulsions*, 5 per cent. each to *Diarrhœa* and *Phthisis*, 4 per cent. each to *Enteritis* and *Anchylostomiasis*, 3 per cent. each to *Dysentery* and *Malaria* and *Malarial Cachexia*, 2 per cent. to *Bright's Disease* and *Nephritis*, and 1 per cent. each to *Enteric Fever*, *Bronchitis*, *Puerperal Septicæmia*, and *Prematurity*.

10. In the city of Colombo too the highest mortality was attributed to *Pneumonia*, to which 21 per cent. of the total deaths was due, 15 per cent. was due to *Influenza*, 7 per cent. each to *Debility* and *Phthisis*, 5 per cent. each to *Convulsions* and *Enteritis*, 3 per cent. to *Dysentery*, 2 per cent. each to *Diarrhœa* and *Enteric Fever*, and 1 per cent. each to *Bronchitis* and *Prematurity*.

11. *Infectious Diseases reported.*—The infectious disease most prevalent during the month was *Phthisis*, of which 113 cases were reported (103 in Colombo), followed by *Enteric Fever* 52 (41 in Colombo), *Chickenpox* 35 (22 in Colombo, 5 in Gampola), *Continued Fever* 14 (7 in Colombo, 6 in Kandy), *Mumps* 12 (8 in Colombo), *Measles* 9 (8 in Colombo), *Diphtheria* 5 (in Colombo), *Acute Diarrhœa* 4 (3 in Batticaloa), *Dysentery* 1 (in Moratuwa), and *Whooping Cough* 1 (in Batticaloa).

Meteorology.

12. *Rainfall.*—Nawalapitiya recorded the highest rainfall (29·76 inches), followed by Hatton (26·55 inches). In the other towns the rainfall ranged from 11·12 inches in Gampola to 0·35 of an inch in Lunugala. Colombo recorded 3·59 inches.

13. *Temperature.*—The mean temperature varied from 60·6° in Nuwara-Eliya to 85·6° in Batticaloa, and was 81·9° 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, July 23, 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 June, 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 of (inclusive of the Military at the Census of March 10, 1911).	Population estimated to the Middle of 1919 by Inter-censal Increase.		Total Births.		Total Deaths.		Total Stillbirths.		Deaths of Town Residents.	Birth-rate.		Death-rate excluding non-residents.		Mortality of Children under One Year.			Rainfall in Inches.	Mean Temperature.
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		Persons.	Persons.	Average Birth-rate for June, 1909-1918.	Crude, June, 1919.	Standardized, June, 1919.	Average Death-rate for June, 1909-1918.	Number registered during June, 1919.		
All 33 Towns	517,377	649,472	623,553	1,067	873	1,940	48	364	1,566	22.03	25.50	29.34	31.98	27.02	317	270	223	81.9	3.59
<i>Western.</i>	219,557	285,795	233,205	398	308	706	10	68	633	18.65	20.96	26.95	31.26	27.43	120	274	241	81.9	3.79
Colombo	13,045	27,033 ^c	34	35	74	2	7	3	122	28.35	30.36	30.15	31.54	22.03	14	222	188	—	—
Moratuwa	27,256	30,902	46	23	69	1	3	1	36	32.98	30.24	48.03	62.97	28.01	32	464	347	—	—
Kalutara	13,005	14,386	22	17	39	1	1	1	10	9.20	17.69	30.44	30.25	23.57	3	77	80	—	—
Panadura	5,709	7,936	4	11	15	1	5	1	10	27.67	27.67	15.33	16.25	16.96	1	167	84	—	—
<i>Central.</i>	30,149	33,197	42	31	73	—	—	—	77	26.75	27.67	28.22	30.76	28.99	23	315	274	76.6	7.32
Kandy	6,521	7,580	7	9	16	—	—	—	23	25.78	33.80	37.06	33.46	33.28	5	313	287	11.12	11.12
Gampola	3,767	4,051	3	9	12	—	—	—	28	35.95	28.45	83.88	91.19	51.55	2	167	325	—	—
Nawalapitiya	3,025	3,187	3	1	4	—	—	—	30	15.27	21.55	38.18	44.59	31.94	3	750	419	—	—
Hatton and Dikoya.	6,792	8,073 ^d	9	10	19	—	—	—	26	28.63	35.90	39.18	45.03	34.39	4	211	176	—	—
Matale	14,910	16,131 ^e	7	14	21	—	—	—	14	11.26	14.37	11.26	12.84	10.59	6	429	285	60.6	9.36
Nuwara Eliya	39,936	42,418	46	51	97	3	22	94	27.82	26.68	26.96	26.40	23.38	22	227	227	80.6	6.48	
<i>Southern.</i>	13,851	17,529 ^d	14	14	28	—	—	—	38	19.43	33.81	7.93	—	—	—	—	—	—	—
Galle	8,672	9,884	8	13	21	—	—	—	21	20.10	26.79	26.38	23.77	17.05	4	143	77	—	—
Ambalangoda	3,092	3,318	5	5	10	—	—	—	9	36.67	32.03	33.00	36.90	28.21	2	200	188	—	—
Matura	3,505	6,187 ^d	7	13	20	—	—	—	3	39.33	35.73	22.63	22.11	32.90	2	100	118	—	—
Weligama	40,441	46,858	42	35	77	3	6	84	19.99	32.45	21.81	22.28	27.47	20	260	170	83.0	3.38	
Hambantota	3,777	4,191	4	1	5	—	—	—	8	14.52	35.70	23.23	25.57	33.61	1	200	103	—	—
Tangalla	1,392	1,466	3	3	6	—	—	—	4	41.49	30.51	33.19	44.00	44.53	3	600	675	—	—
Jaffna	808	1,087	—	—	—	—	—	—	6	—	14.03	67.15	91.19	37.19	—	—	—	—	—
<i>Northern.</i>	10,671	11,290	26	30	56	1	4	94	60.35	33.91	101.30	99.90	41.92	18	321	461	85.6	1.51	
Batticaloa	—	2,124	3	11	14	—	—	—	10	17.18	37.79	57.27	—	—	—	—	—	—	—
Kalmunai	8,840	11,136	9	10	19	2	7	13	20.75	26.15	14.20	15.59	35.50	3	158	123	—	—	
<i>Eastern.</i>	8,167	9,931	13	9	22	—	—	—	45	26.95	25.44	55.13	56.64	36.44	12	545	488	—	—
Batticaloa	6,990	6,830	4	7	11	—	—	—	9	19.59	26.08	16.00	17.15	30.26	1	91	50	—	—
Kalmunai	1,591	1,691	1	1	1	—	—	—	1	7.19	18.99	7.19	—	—	—	—	—	—	—
Trincomalee	5,033	6,274 ^d	3	1	4	—	—	—	18	7.76	31.14	34.90	33.46	22.95	4	—	248	—	—
<i>North-Western.</i>	5,361	7,358	3	6	9	—	—	—	19	14.88	18.55	31.41	38.49	52.37	1	111	66	—	—
Kurunegala	6,487	7,361 ^d	9	9	18	—	—	—	17	29.75	30.62	28.10	31.00	27.80	3	167	118	—	—
Puttalam	515	629	—	—	—	—	—	—	—	—	29.93	—	—	—	—	—	—	—	—
Kalpitiya	5,476	7,543 ^d	11	5	16	—	—	—	10	25.80	26.20	16.13	18.28	44.04	2	125	122	—	—
Chilaw	2,536	2,712	1	3	4	—	—	—	6	17.94	25.85	26.92	24.69	27.26	1	140	140	—	—
<i>North-Central.</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anuradhapura	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Uva.</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Badulla	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lunugala	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Sabaraгамuwa.</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ratnapura	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kegalla	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

^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 Blank indicates that there are no observatories or rain gauges. ^c Includes population of the Negombo Local Board and registration area. ^d This increase of population is due to the extension of the town limits. ^e Estimated to the end of December, 1918, by natural increase method. ^f Standardized death-rates for Kalpitiya and Lunugala towns not available, as the populations 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 III.—Number of Births and Deaths registered during the Month of June, 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 June, 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 Mille per Annum.						Mortality of Children under one Year.		
			Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.			Average for June, 1909 to 1918.	Death-rate.		Standardized Death-rate.*	Number registered during June, 1919.	Its proportion to 1000 births registered during June, 1919.	Its proportion to 1000 births registered during the year ended June, 1919.		
															June, 1919.	Average for June, 1909 to 1918.						
			283	205	488	10	9	19	398	308	706			73	633	18.65	20.96	26.95	24.14	81.26	120	274
City of Colombo ..	219,557	285,795	283	205	488	10	9	19	398	308	706	73	633	18.65	20.96	26.95	24.14	81.26	120	274	241	
Fort and Gale Face	3,512	3,512†	—	1	1	—	—	—	1	—	1	1	—	3.46	1.21	—	9.92	—	—	—	—	
Pettah ..	7,974	7,974†	—	1	1	—	—	—	2	—	2	—	2	1.53	3.72	3.06	7.36	—	—	—	—	
San Sebastian ..	11,546	13,780	8	8	16	1	—	1	18	5	23	—	23	14.13	17.23	20.31	18.36	—	7	438	352	
St. Paul's ..	24,755	29,210	12	15	27	1	1	2	28	24	52	—	52	11.25	13.36	21.66	20.03	—	9	333	272	
Kotahena ..	40,771	48,168	34	27	61	—	1	1	52	51	103	—	103	15.48	20.25	20.02	20.15	—	24	393	322	
New Bazaar ..	22,309	27,362	28	7	35	1	—	1	29	25	54	—	54	15.56	19.56	24.01	21.02	—	11	314	264	
Maradana Hospitals			59	63	122	3	5	8	137	79	216	65	151	—	—	—	—	—	14	—	—	
Maradana (exclusive of Hospitals) ..	48,093	70,574	41	34	75	2	—	2	53	54	107	1	106	12.93	17.16	18.27	21.19	—	21	280	262	
Slave Island ..	21,984	27,353	23	20	43	2	—	2	26	30	56	1	55	19.13	19.15	24.46	22.33	—	12	279	287	
Kollupitiya ..	25,410	39,878	7	14	21	—	—	—	20	24	44	5	39	6.41	11.85	11.90	11.49	—	7	333	243	
Weilawatta ..	13,223	17,984	21	15	36	—	2	2	32	16	48	—	48	24.36	28.14†	32.47	30.50†	—	15	417	348	

* For explanation of "standardized death-rate" see note a, 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 June, 1913-1918.

