

SUPPLEMENT

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VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF JULY, 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 1,229 (621 males and 608 females), and were equal to an annual rate of 23·40 per 1,000, against 24·09 in the preceding month, 24·28 in the corresponding month of last year, and 25·52 the average of the corresponding months since 1908. The rate ranged from 14·12 in Kalpitiya to 101·85 in Kalmunai.

3. In the city of Colombo the births numbered 400 (212 males and 188 females), and were equal to an annual rate* of 17·58 per 1,000, against 17·49 in the preceding month, 19·11 in the corresponding month of last year, and 20·87 the average of the corresponding months since 1908. The rate ranged from 7·24 in Kollupitiya to 24·71 in Wellawatta.

Deaths.

4. The total deaths registered during the month numbered 1,493 (824 males and 669 females). There were 1,221 deaths of residents in towns, equivalent to an annual rate of 25·34 per 1,000, against 22·76 in the preceding month, 29·01 in the corresponding month of last year, and 30·60 the average for the month of July in each year since 1908. The rate ranged from 64·57 in Hambantota to 10·70 in Nuwara Eliya.

5. In the city of Colombo the deaths numbered 465 (254 males and 211 females). There were 429 deaths of residents, equivalent to an annual rate* of 21·87 per 1,000, against 20·55 in the preceding month, 30·78 in the corresponding month of last year, and 31·62 the average for the month of July in each year since 1908. The rate ranged from 28·95 in Wellawatta to 9·21 in Kollupitiya.

6. Stillbirths numbered 70 (42 males and 28 females), against 92 in the preceding month.

Infant Mortality.

7. The infant mortality was equal to a rate of 214 per 1,000 births registered during the twelve months ending July 31, 1917. Reckoned on the births registered during the month only the rate was 260, against 247 in the preceding month, 272 in the corresponding month of last year, and 281 the average of the corresponding months since 1908.

8. The infant mortality in the city of Colombo was 242 per 1,000 births registered during the twelve months ending July 31, 1917. Reckoned on the births registered during the month only the rate was 305, against 270 in the preceding month, 317 in the corresponding month of last year, and 360 the average of the corresponding months since 1908.

Causes of Death.

9. The highest mortality was from *Pneumonia*, to which 13 per cent. of the total deaths was due, 9 per cent. was due to *Debility*, 8 per cent. to *Convulsions*, 6 per cent. each to *Diarrhœa* and *Phthisis*, 5 per cent. to *Anchylostomiasis*, 4 per cent. to *Enteritis*, 3 per cent. each to *Dysentery*, *Malarial Fever*, *Bright's Disease*, and *Nephritis*, 2 per cent. each to *Malarial Cachexia*, *Prematurity*, *Enteric Fever*, and *Bronchitis*, and 1 per cent. each to *Tetanus* and *Puerperal Septicæmia*.

10. In Colombo, too, the highest mortality was from *Pneumonia*, to which 12 per cent. of the total deaths was due, 11 per cent. was due to *Convulsions*, 9 per cent. to *Debility*, 8 per cent. to *Phthisis*, 4 per cent. each to *Enteritis* and *Bronchitis*, 3 per cent. each to *Enteric Fever*, *Bright's Disease*, and *Nephritis*, 2 per cent. to *Diarrhœa*, and 1 per cent. each to *Tetanus*, *Dysentery*, and *Puerperal Septicæmia*. Four deaths from *Plague* were registered, as against 3 in the preceding month and 31 in the corresponding month of last year.

11. *Infectious Diseases reported.*—The most prevalent infectious disease during the month was *Measles*, of which 130 cases were reported (83 in Colombo, 31 in Kandy), followed by *Phthisis* 75 (61 in Colombo, 11 in Galle), *Enteric Fever* 60 (28 in Colombo, 22 in Galle), *Chickenpox* 59 (32 in Colombo, 9 in Nuwara Eliya, 7 in Gampola, 6 in Kandy), *Mumps* 58 (56 in Badulla), *Plague* 6 (in Colombo), *Whooping Cough* 5 (in Kandy), *Diphtheria* 4 (3 in Colombo), *Dysentery* 3 (in Moratuwa), and *Diarrhœa* 2 (1 in Colombo and 1 in Galle).

Meteorology.

12. *Rainfall.*—Hatton and Dikoya recorded the highest rainfall (15·86 inches), followed by Ratnapura (9·37 inches). In the other towns the rainfall ranged from 8·29 inches in Nuwara Eliya to 0·02 of an inch in Jaffna. Colombo recorded 1·71 inches.

13. *Temperature.*—The mean temperature varied from 60·6° in Nuwara Eliya to 85·4° in Trincomalee, and was 81·8° 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, August 17, 1917.

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 July, 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 with the Average Birth- and Death-rates 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 to the Middle of 1917 by Inter-censal Increase.		Total Births.		Total Deaths.		Total Stillbirths.		Deaths of Towns and Villages.		Birth-rate.		Death-rate excluding non-residents.		Standardized ^a July, 1917.	Average Death-rate for July, 1908-1916.	Number registered during July, 1917.	Its proportion to 1000 births registered during July, 1917.	Its proportion per annum to 1000 births registered during the year ended last July, 1917.	Mean Temperature.	Rainfall in Inches.
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Crude, July, 1917.	Average July, 1917.									
All 33 Towns ..	517,877	621,608	1,229	824,669	1,493	42	28	70	1,221	267	23-25	25-52	30-00	319	260	214	81-8	1-71				
<i>Western.</i>																						
Colombo ..	219,557	212,188	400	254,211	465	13	7	20	429	36	18-86	20-87	31-02	122	305	242	81-8	1-71				
Negombo ..	13,046	31,42	73	36	24	3	1	4	50	10	22-35	31-81	25-17	10	137	117	—	0-81				
Moratuwa ..	27,256	49,37	86	39	50	3	1	4	89	—	34-95	35-01	30-90	15	174	131	—	—				
Kalutara ..	13,005	16	8	17	17	34	1	1	24	10	20-13	26-14	27-16	—	—	160	—	3-90				
Panadura ..	5,709	6	4	5	6	11	2	2	9	2	14-45	17-87	26-52	2	200	—	—	—				
<i>Central.</i>																						
Kandy ..	30,149	33	35	57	53	110	1	1	86	24	31-28	26-73	31-11	21	309	254	76-4	5-19				
Gampola ..	6,521	4	9	15	13	28	—	—	25	21	42-03	32-34	43-62	4	308	200	—	7-08				
Nawalapitiya ..	3,767	6	1	14	17	31	—	—	24	7	20-66	25-70	33-05	3	429	290	—	—				
Hatton and Dikoya ..	3,025	1	3	15	8	23	2	2	6	14	22-43	18-00	34-37	—	—	—	—	15-86				
Matale ..	6,792	12	9	32	20	52	2	1	28	24	42-13	33-46	47-91	10	476	451	—	6-62				
Nuwara Eliya ..	14,910	9	10	9	5	14	—	—	12	2	9-38	15-23	14-35	4	211	232	60-6	8-29				
<i>Southern.</i>																						
Galle ..	39,936	38	46	58	55	113	2	5	98	15	27-60	23-56	25-44	20	238	197	80-1	4-00				
Ambalagoda ..	4,884	3	7	2	4	6	—	—	6	26	16-12	23-66	—	2	200	208	—	—				
Matara ..	13,851	19	15	25	13	38	—	—	34	4	26-21	29-11	—	10	294	219	—	3-16				
Weligama ..	8,672	19	14	9	7	16	—	—	15	—	18-73	27-86	19-84	6	182	203	—	—				
Hambantota ..	3,092	6	13	7	9	16	—	—	16	—	57-74	40-42	38-64	6	316	494	81-0	3-86				
Tangalla ..	3,505	11	3	5	6	11	—	—	11	—	22-71	36-55	33-91	2	143	129	—	4-95				
<i>Northern.</i>																						
Jaffna ..	40,441	56	57	58	47	105	3	2	95	8	24-73	35-57	30-12	38	336	305	84-2	0-02				
Mannar ..	3,777	5	8	1	4	5	—	—	4	1	11-52	42-61	43-34	—	—	—	84-0	3-86				
Mullaitivu ..	1,392	7	3	—	2	2	—	—	2	—	16-26	32-30	21-53	—	—	—	—	1-04				
Vavuniya ..	808	1	3	—	3	—	—	—	2	—	23-26	13-83	34-89	—	—	—	—	1-66				
<i>Eastern.</i>																						
Batticaloa ..	10,671	15	24	17	18	35	3	1	34	—	35-94	35-48	43-66	7	179	161	84-4	0-16				
Kalmuni ..	2,081	6	12	7	2	9	—	—	7	2	39-61	32-65	—	1	56	83	—	—				
Trincomalee ..	8,840	10	10	13	5	18	—	—	15	2	16-76	30-05	30-93	3	160	106	85-4	2-39				
<i>North-Western.</i>																						
Kurunegala ..	8,167	5	14	21	9	30	3	2	20	10	24-84	24-36	35-47	3	158	126	80-9	3-20				
Puttalam ..	5,990	5	4	13	5	18	—	—	15	3	26-69	27-22	34-99	5	556	253	82-1	0-87				
Kalpitiya ..	1,691	2	2	5	2	7	—	—	7	—	49-43	22-48	—	1	—	226	—	0-91				
Chilaw ..	5,033	3	5	4	7	11	—	—	8	3	16-62	29-34	24-58	4	500	314	—	0-51				
<i>North-Central.</i>																						
Anuradhapura ..	5,361	6	6	15	4	19	—	—	18	1	31-07	22-55	61-13	5	417	233	83-2	3-88				
<i>Uva.</i>																						
Badulla ..	6,487	13	11	20	14	34	—	—	16	18	26-07	27-43	28-54	8	333	290	74-4	3-90				
Lunugala ..	515	—	—	13	16	29	—	—	1	28	19-60	—	—	—	—	—	—	—	—			
<i>Sabaragamuwa.</i>																						
Ratnapura ..	5,476	7	2	26	12	38	—	—	19	19	31-01	22-99	46-17	6	667	395	80-4	9-37				
Kerala ..	2,536	7	3	9	4	13	—	—	13	—	57-36	22-09	15-99	1	100	175	—	3-01				

^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. The factor indicates that there are no observations or rain ranges.

^b The mean temperature is estimated to the end of December, 1916, by natural increase method.

^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 from July, 1915.

^e Standardized 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, while the town of Kalmuni was created a registration division only in January, 1914, and Ambalagoda in January, 1915. The death-rate given for "All Towns" is therefore independent of the towns, but is scarcely affected by their rates.

^f Increase of population is due to the extension of the town limits.

Table III.—Number of Births and Deaths registered during the Month of July, 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 July, 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 Intercensal 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.	Average for July, 1908 to 1916.	July, 1917.	Average for July, 1908 to 1916.	July, 1917.	Number registered during July, 1917.	Its proportion to 1000 births registered during July, 1917.	Its proportion per 1000 births registered during the year ended July, 1917.	
																					Standardized Death-rate.
City of Colombo ..	219,557	267,888†	212	188	400	18	7	20	254	211	465	36	429	17.66	20.87	18.86	27.96	21.87	122	305	242
Fort and Galle Face	3,512	3,512‡	1	—	1	—	—	—	5	—	5	—	5	3.35	3.41	16.76	8.60	—	1	—	—
Petiah ..	7,974	7,974‡	4	3	7	—	—	—	1	3	4	—	4	10.34	5.02	5.91	11.59	—	1	143	262
San Sebastian ..	11,546	13,207	15	5	20	1	—	1	8	5	13	—	13	17.83	20.15	11.59	27.54	—	7	350	335
St. Paul's ..	24,735	28,068	21	13	34	—	—	—	26	13	39	—	39	14.26	12.50	16.36	20.39	—	18	529	408
Kotahena ..	40,771	46,274	32	45	77	3	1	4	49	38	87	—	87	19.69	19.34	22.14	23.80	—	24	312	262
New Bazaar ..	22,309	26,055	16	18	34	1	1	2	20	26	46	—	46	15.36	20.37	20.79	25.94	—	16	471	361
Maradana Hospitals			17	26	43	2	—	2	58	30	88	25	63	—	—	—	—	—	10	—	—
Maradana (exclusive of Hospitals) ..	48,093	64,374	52	23	75	2	3	5	32	43	75	—	75	13.72	18.22	13.72	25.94	—	23	307	251
Slave Island ..	21,984	25,958	24	28	52	2	—	2	13	17	30	2	28	23.59	18.65	12.70	25.77	—	9	173	184
Kollupitiya ..	25,410	35,791	9	13	22	1	2	3	20	17	37	9	28	7.24	12.36	9.21	16.65	—	7	318	249
Wellawatta ..	13,223	16,675§	21	14	35	1	—	1	22	19	41	—	41	24.71	28.24	28.95	27.92	—	6	171	138

* 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 five months, July, 1912, 1913, 1914, 1915, and 1916.

