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**VITAL STATISTICS OF TOWNS IN CEYLON IN THE
MONTH OF SEPTEMBER, 1910.**

REPORT OF THE REGISTRAR-GENERAL.

THIS Report deals with the Vital Statistics of the 31 principal towns in the Island proclaimed under sections 31 to 36 of the Ordinance No. 1 of 1895.

Births.

2. The births registered in the 31 towns during the month numbered 1,172 (615 males and 557 females), and were equal to an annual rate of 28·96 per 1,000, against 26·83 during the preceding month, 26·09 in the corresponding month of last year, and 29·77 the monthly average for the thirty-six months, July, 1907, to June, 1910. Of the towns (excluding Vavuniya and Lunugala, which have a population under 1,000), the highest birth-rate was in Mullaittivu (67·97, average 32·27), and the lowest in Hatton and Dikoya (9·17, average 15·31).

3. In the city of Colombo the births numbered 393 (222 males and 171 females), and were equal to an annual rate* of 25·49 per 1,000, against 21·91 in the preceding month, 20·45 in the corresponding month of last year, and 25·09 the monthly average. Of the wards (omitting Fort and Galle Face and the Pettah, which contain a population mainly adult and floating), the highest birth-rate was in Kotahena (26·89, average 22·36), and the lowest in Slave Island (14·08, average 24·37).

Deaths.

4. The deaths registered in the 31 towns during the month numbered 1,380 (740 males and 640 females), and were equal to an annual rate of 26·86 per 1,000, against 29·94 during the preceding month, 29·03 in the corresponding month of last year, and 30·64 the monthly average. The health of the towns was better than usual and than in the previous month. Excluding Vavuniya and Lunugala, the highest death-rate was in Hambantota (57·21, average 31·79), followed by Anuradhapura (53·50, average 53·39), and the lowest in Nuwara Eliya (7·04, average 14·28), followed by Negombo (13·79, average 26·06).

5. In the city of Colombo the deaths registered numbered 479 (249 males and 230 females), and were equal to an annual rate* of 28·08 per 1,000, against 32·49 during the preceding month, 30·56 in the corresponding month of last year, and 32·67 the monthly average. The city was thus healthier than usual and than in the previous month. Omitting the Fort and Galle Face Ward and the Pettah Ward, the lowest death-rate was in Maradana, exclusive of hospitals (17·69, average 27·79), and the highest in Slave Island (25·24, average 26·35), while Kollupitiya, which is usually the healthiest ward, shows a death-rate of 21·99, taking the third place this month as in the previous month.

Infantile Mortality.

6. The infantile mortality of the 31 towns was equal to a rate of 228 per 1,000 births registered, against 291 in the preceding month, 264 in the corresponding month of last year, and 252 the monthly average. In the towns having an estimated population of 5,000 or more, the infantile mortality ranged from 471 in Kurunegala (average 373) to 96 in Matara (average 169).

7. The infantile mortality in the city of Colombo was 247 per 1,000 births registered, against 338 in the previous month, 324 in the corresponding month of last year, and 319 the monthly average, and ranged from 643 in San Sebastian (average 320) to 114 in New Bazaar (average 398).

Causes of Death.

8. *Infants.*—Out of the 1,380 deaths from all causes at all ages in the 31 towns, 267 were among infants under one year. Of these, the chief causes were 65 *Convulsions* (including 19 in Colombo, 6 in Moratuwa); 50 *Debility* (14 in Colombo, 5 each in Galle and Jaffna); 35 *Premature Birth* (10 in Colombo, 5 each in Moratuwa and Galle); 19 *Tetanus* (7 in Jaffna, 5 each in Colombo and Galle); 18 *Pneumonia* (10 in Colombo); 17 *Diarrhoea* (5 in Jaffna, 4 in Colombo); 11 *Bronchitis* (7 in Colombo).

9. In the city of Colombo, out of the 479 deaths from all causes at all ages, 97 were among infants under one year. Of these, the chief causes were 19 *Convulsions* (7 in Slave Island, 6 in Maradana, exclusive of hospitals); 14 *Debility* (6 in Maradana hospitals); 10 *Pneumonia* (4 in Maradana, exclusive of hospitals); 10 *Premature Birth* (6 in Kotahena); 7 *Bronchitis* (2 each in St. Paul's and New Bazaar).

* The city-rate is worked out independently of the ward-rates and on a different basis of population, and takes into account hospital events, &c., not assignable to wards.

10. General Mortality (One Year and over).—Out of the 1,113 deaths of persons one year and over in age in the 31 towns, there were 185 from *Diarrhœa* (22 in Kandy, 19 in Ratnapura, 16 in Kurunegala, 15 in Matale, 13 in Colombo); 127 from *Pneumonia* (50 in Colombo, 9 in Batticaloa, 7 each in Galle and Trincomalee); 91 from *Phthisis* (55 in Colombo, 9 each in Jaffna and Galle); 83 from *Dysentery* (28 in Colombo, 13 in Kandy, 7 in Galle); 48 from *Dochmias Duodenalis* (11 in Matale, 10 in Kandy); 36 from *Enteric Fever* (26 in Colombo); 31 from *Remittent Fever* (5 in Galle, 4 in Jaffna); 25 from *Malarial Cachexia* (4 in Batticaloa).

11. The highest mortality in the town of Colombo was from *Phthisis* (14 per cent. of all deaths one year and over), followed by *Pneumonia* (13 per cent.), *Dysentery* and *Enteric Fever* (each 7 per cent.). Out of the 94 deaths from *Phthisis* in all towns at all ages, 58 occurred in Colombo. This and *Pneumonia* were responsible for 118 deaths at all ages in the city, or 25 per cent. of the deaths from all causes in it.

12. Taking all the towns together, *Diarrhœa* and *Dysentery* contributed the highest mortality (21 per cent.), followed by *Bronchitis* and *Pneumonia* (13 per cent.), *Phthisis* (7 per cent.), and *Infantile Convulsions* (5 per cent.).

13. For detailed information 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, October 12, 1910.

P. ARUNACHALAM,
Registrar-General.

Table I.—Number of Births and Deaths registered during September, 1910, their Proportion per 1,000 of the Population per Annum, the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates and Infantile Mortality from July, 1907, to June, 1910, and the Mean Temperature and Rainfall in the month in each Town of the Island proclaimed under Sections 31–36 of Ordinance No. 1 of 1895.

Town.	Population estimated to the Middle of 1910 by Intercensal Increase.	Total Births.		Total Deaths.		Birth-rate.	Death-rate.	Deaths of Children under One Year.	Deaths of Children under One Year, 1910.	Mean Temperature, July, 1910.	Mean Rainfall in Inches. [†]
		Males.	Females.	Males.	Females.						
		Males.	Females.	Males.	Females.						
All 31 Towns	..	423,109	492,398	615	557	1,172	740	640	1,380	29.77	28.96
Western Province.										25.43	26.86
Colombo	..	187,554	222	171	193	249	230	479	90	389	25.09
Negombo	..	20,683	23	16	39	13	13	26	3	23	22.94
Moratuwa	..	29,800	35,493	49	58	107	26	31	57	32.85	22.94
Kalutara	..	11,500	12,127	11	9	20	24	7	3	26	19.54
Panadure	..	3,845	4,401	7	14	12	7	19	11	8	34.57
Central Province.										28.71	22.12
Kandy	..	26,511	30,289	32	67	55	48	103	28	75	28.73
Gampola	..	3,791	4,859	7	9	10	8	18	8	10	26.91
Nawalapitiya	..	3,454	4,220	8	14	9	11	20	13	13	26.04
Hatton and Dikoya	..	2,858	3,979	2	1	3	14	11	25	16	24.20
Matale	..	4,951	5,776	10	17	21	18	39	27	12	20.18
Nuwara Eliya	..	5,072	9,054	6	12	3	6	9	5	4	15.04
Northern Province.										16.13	15.37
Jaffna	..	33,879	35,691	44	99	44	47	91	2	89	41.33
Mannar	..	3,338	3,338	9	12	5	1	6	—	6	40.32
Mullaitivu	..	1,308	1,432	6	2	8	3	1	4	4	32.27
Vavuniya	..	566	603	1	—	1	—	2	2	2	25.70
Southern Province.										20.18	13.57
Galle	..	37,165	40,844	47	95	51	53	104	4	100	30.26
Matara	..	11,848	13,651	30	22	52	16	7	3	20	39.28
Welligama	..	7,430	10,720	16	17	33	7	10	17	17	45.46
Hambantota	..	2,843	3,117	3	8	11	11	3	14	17	37.45
Tangalle	..	2,333	2,716	7	4	11	6	2	8	8	35.59
Eastern Province.										35.84	39.57
Batticaloa	..	9,969	10,564	12	10	22	15	31	1	30	31.66
Trincomalee	..	11,887	11,295	19	12	31	17	12	29	28.05	34.39
North-Western Province.										33.39	31.24
Kurunegala	..	6,483	8,564	9	8	17	33	16	49	34	15
Puttalam	..	5,115	5,248	5	13	18	13	9	22	10	36.57
Kalpitiya	..	1,487	1,673	2	1	3	1	3	—	3	41.73
Chilaw	..	4,168	4,614	3	6	9	8	6	14	11	35.44
North-Central Province.										21.81	23.73
Anuradhapura	..	3,672	5,241	6	4	10	14	6	20	20	23.28
Province of Uva.										23.21	46.43
Badulla	..	5,924	6,910	8	12	20	21	15	36	12	29.96
Lunugala	..	416	—	1	1	2	10	7	17	2	46.24
Province of Sabaragamuwa.										58.49	37.61
Ratnapura	..	4,084	4,683	9	8	17	20	19	39	10	31.48
Kegalla	..	2,340	2,038	1	5	6	8	17	25	5	28.24

* I.e., rate calculated on the basis that the age- and sex-constitution of the population of each town is the same as for the whole Island, and also (as in crude rate) excluding non-residents. [†] Infantile death-rate not available as the number of births is less than five. Blanks indicate that there are no observatories or rain-gauges. Corrected death-rates for "All Towns" are therefore independent of these towns, but is scarcely affected by their rates. [‡] Population of Trincomalee, the Military, who are no longer stationed there. [§] The population of Lunugala town (as now constituted) was not enumerated at the Census of 1901; the estimate is of the population at the beginning of October, 1907.

Table II.—Causes of Deaths registered during September, 1910, in each Town of the Island proclaimed under Sections 31–36 of the
Ordinance No. 1 of 1895—*continued.*

Causes of Deaths.	All 31 Towns.	Western Province.	Central Province.	Northern Province.	Southern Province.	Eastern Province.	North-Western Province.	North-Central Province.	Province of Sabaragamuwa.	Deaths among all Races.		
										Burghers.	Sinhalese.	Malays.
II.—General Mortality—<i>contd.</i>												
6. Enteric Fever	36	25	—	3	—	2	1	—	—	—	2	1
7. Remittent Fever	31	3	—	1	—	—	1	—	—	—	1	—
8. Ague	1	—	—	—	—	—	—	—	—	—	—	—
9. Malaria Cachexia	25	1	—	2	—	—	—	—	—	—	—	—
10. Cholera	—	185	13	4	2	3	—	—	—	—	—	—
11. Diarrhoea	—	28	3	1	—	—	—	—	—	—	—	—
12. Dysentery	83	—	—	—	—	—	—	—	—	—	—	—
13. Doctenius Duodenalis	48	1	—	—	—	—	—	—	—	—	—	—
14. Cancer	3	1	—	—	—	—	—	—	—	—	—	—
15. Phthisis	91	55	—	—	—	—	—	—	—	—	—	—
16. Other tubercular diseases	10	3	—	—	—	—	—	—	—	—	—	—
17. Anæmia	7	—	2	—	—	—	—	—	—	—	—	—
18. Diabetes Mellitus	2	1	—	—	—	—	—	—	—	—	—	—
19. Convulsions	20	5	—	—	—	—	—	—	—	—	—	—
20. Tetanus	8	6	—	—	—	—	—	—	—	—	—	—
21. Bronchitis	18	8	—	—	—	—	—	—	—	—	—	—
22. Pneumonia	127	50	1	5	5	4	3	3	3	—	—	—
23. Other Diseases of Respiratory System	10	8	—	—	—	—	—	—	—	—	—	—
24. Bright's Disease and Nephritis	17	6	—	—	—	—	—	—	—	—	—	—
25. Puerperal Convulsions	6	—	—	—	—	—	—	—	—	—	—	—
26. Puerperal Fever	11	2	—	1	—	—	—	—	—	—	—	—
27. Miscarriage	1	—	—	—	—	—	—	—	—	—	—	—
28. Other and undefined Accidents of Childbirth	8	—	—	—	—	—	—	—	—	—	—	—
29. Starvation	—	10	—	—	—	—	—	—	—	—	—	—
30. Accidents or Negligence	24	—	—	—	—	—	—	—	—	—	—	—
31. Homicide	6	1	—	—	—	—	—	—	—	—	—	—
32. Suicide	8	3	—	—	—	—	—	—	—	—	—	—
33. Execution	—	—	—	—	—	—	—	—	—	—	—	—
34. All other causes	—	147	7	15	13	2	16	2	3	4	2	1
	312*	147	—	—	—	—	—	—	—	—	—	—
										6	1	5
										3	6	4
										9	1	7
										164	83	49

* Here are included 66 deaths from Old Age (30 in Colombo, 10 in Galle), 43 from Debility (14 in Colombo), 28 from Enteritis (19 in Colombo), 26 from Worms (16 in Colombo), 15 from Dropsy (6 in Jaffna).

Table III.—Number of Births and Deaths registered during the Month of September, 1910, and their Proportion per 1,000 of the Population, and the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates and Infantile Mortality from January, 1908, to June, 1910, in each Ward of the City of Colombo.

Wards.	Population estimated to the Middle of 1910 by Intercensal Increase.	Total Births registered.			Deaths of Non-residents.			Per Mille per Annum.		
		Males.	Females.	Persons.	Males.	Females.	Persons.	Average, January, 1908, to June, 1910.	Crude Death-rate.	Corrected Death-rate.*
City of Colombo	155,889	187,554	222	171	393	249	230	479	90	389
Fort and Galle Face	2,285	2,285	—	—	4	—	4	2	2	5.81
Pettah	7,561	7,561	2	—	2	5	8	13	—	7.05
St. Sebastian	9,349	10,885	6	8	14	9	11	20	—	21.73
St. Paul's	20,260	24,788	22	10	32	22	25	47	—	47
Kotahena	33,355	39,359	47	40	87	30	41	71	—	22.36
New Bazaar	17,470	20,787	29	15	44	21	22	43	—	43
Marciana Hospitals	30,381	38,515	42	35	77	83	55	138	88	60
Marciana (exclusive of Hospitals)				41	31	72	36	20	56	56
Slave Island	16,927	20,731	14	10	24	18	25	43	—	43
Kollupitiya	18,281	24,346	19	22	41	21	23	44	—	44

* For explanation of "corrected death-rate" see note * in Table I. The population of the several wards of the city not being available by age- and sex-constitution, their corrected death-rates cannot be calculated.

† Infantile death-rates omitted where number of births is less than five.

‡ The population of these two wards being a fluctuating one, their estimated population cannot be calculated. Hence the Census figures are retained.

Table IV.—Causes of Deaths registered during the Month of September, 1910, in each Ward and Race of the City of Colombo.

Causes of Deaths	City of Colombo.	Ward.	Deaths among all Races.																	
			All Causes	Port and Gallice Race.	San Sebastian.	St. Paul's.	Kotahena.	New Bazaar.	Maradana Hospitals.	Slave Island.	Kollupitiya.	Burghers.	Sinhalese.	Moors.	Malays.	Others.				
I.—Infantile Mortality	479*	..	97	—	4	9	.9	19	5	16	16	10	9	—	10	45	20	22	—	
A.—One Week and under.																				
1. Prematurity	6								2								6	3	1	
2. Debility	7								2								3	1	2	
3. Convulsions	5								1								1	1	1	
4. Diarrhoea	3								1								1	1	1	
5. Tetanus	1								2								1	1	1	
6. Bronchitis	6								1								1	1	1	
7. Pneumonia	7								2								1	1	1	
8. Other Causes	3†								1								1	1	1	
B.—Other 1 Week and under 1 Year.																				
1. Prematurity	4								4								1	2	1	
2. Debility	7								1								1	6	5	
3. Convulsions	14								3								1	4	4	
4. Diarrhoea	4								1								1	3	1	
5. Tetanus	2								2								1	2	1	
6. Bronchitis	7								1								3	3	1	
7. Pneumonia	10								3								5	2	1	
8. Other Causes	25‡								1								2	11	4	8
II.—General Mortality (1 Year and over)	382	4	9	14	38	52	38	122	40	33	35	6	25	178	94	53	11	15		
1. Smallpox	9								1								3	—	—	
2. Chickenpox	—								—								—	—	—	
3. Measles	—								—								—	—	—	
4. Influenza	—								—								—	—	—	

* Includes 10 deaths of town residents, 4 of which occurred in the Infectious Diseases Hospital (from Smallpox, of 3 Sinhalese, 2 removed from Kotahena and 1 from Pettah, and a Maradana (exclusive of hospitals) both at Kanatta (of 2 Sinhalese, both from Kollupitiya, 2 Coombs, 1 each from Slave Island and Pettah, a Tamil from Kollupitiya (2 each in Maradana hospitals, and 1 from Asphyxia (a Tamil in Maradana Hospital). † Represents 2 deaths from Atelectasis (a Sinhalese and a Moor in Kotahena), and 1 from Atelectasis (a Sinhalese and a Burgher from Kollupitiya. ‡ Represents 9 from Enteritis (2 each in Maradana hospitals, and 1 each in Kotahena, New Bazaar, and Slave Island), 4 from Shariation (3 in Kollupitiya, 1 each in Kotahena and 1 in Maradana, exclusive of hospitals), 3 from Phthisis (1 each in Pettah, St. Paul's, and New Bazaar), 2 each from Worms (1 each in Kotahena and Kollupitiya), and from Bright's Disease (in Slave Island), Stomatitis (in Maradana hospitals), Enteric Fever (in Kollupitiya).

Table IV.—Causes of Deaths registered during the Month of September, 1910, in each Ward and Race of the City of Colombo—*contd.*

Ward.	Causes of Deaths.	Deaths among all Races.																
		City of Colombo.	Fort and Galle Face	Pettah.	San Sebastian.	S.E. Pabuls.	Kotahena.	New Bazaar.	Maharadana Hospitals	Slave Island.	Kollupitiya.	Burpeens.	Burghers.	Sinhalese	Tamilas.	Moors.	Malays.	Others.
	5. Simple Fever	1																
	6. Enteric Fever	25	1														2	
	7. Remittent Fever	3														1	1	
	8. Ague	1														1	1	
	9. Malarial Cachexia															1	1	
	10. Cholera															1	1	
	11. Diarrhea															1	1	
	12. Dysentery															6	6	
	13. Dochmias Duodenitis															10	10	
	14. Cancer															1	1	
	15. Phthisis															5	5	
	16. Other Tuberular Diseases															2	2	
	17. Anæmia															2	2	
	18. Diabetes Mellitus															1	1	
	19. Convulsions															3	3	
	20. Tetanus															1	1	
	21. Bronchitis															3	3	
	22. Pneumonia															1	1	
	23. Other Diseases of Respiratory System															7	7	
	24. Bright's Disease and Nephritis															1	1	
	25. Puerperal Convulsions															1	1	
	26. Puerperal Fever															1	1	
	27. Miscarriage															1	1	
	28. Other and undefined Accidents of Childbirth															1	1	
	29. Starvation															1	1	
	30. Accidents or Negligence															10	10	
	31. Homicide															1	1	
	32. Suicide															3	3	
	33. Execution															1	1	
	34. All other Causes															147*	147*	

* Here are included 30 deaths from Old Age (9 in Kotahena and 6 in Slave Island), 14 from Enteritis (13 in Maradana hospitals), 14 from Debility, (6 in Kotahena).