

**[Report 1898] / February, Sanitary Committee [- Medical Officer of Health],
Cornwall County Council.**

Contributors

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Publication/Creation

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CORNWALL COUNTY COUNCIL.

Sanitary Committee.

Monthly Report for January, 1898.

Cornwall just now is undergoing an experience the like of which has not been known before. A widespread epidemic of Influenza has attacked the entire County. A reference to column 25 of the tabulated return will show that scarcely a single district is free from the disease. The disease not being a notifiable one, it is difficult to ascertain the number of cases; but it is evident that a very large percentage of the county's population has been affected. In some districts the disease is of a mild type, whilst in others it has assumed the character of a scourge. So great has been its influence, that the teaching staff of many elementary schools has been reduced, and the attendance of the scholars sensibly diminished, so much so that the schools have been practically unworkable, and, on the recommendation of the M.O.H.s, have had to be closed for a time. The members of the medical profession have had their hands full, and have been taxed to the utmost extent of their powers. And at much inconvenience and pressure, the various Medical Officers of Health have barely been enabled to give the necessary time to forwarding their reports to this Committee. As evidencing the severe character of the epidemic, 26 deaths are returned as due thereto, 19 of which occurred in the Rural districts, and 9 in the Urban. This number is just one more than the total number for the whole of last year.

As might be expected from this abnormal state of things, the County's general death-rate shows a marked increase on that of December, being no less than 2.23 per thousand of the population. The deaths registered from all causes numbered 486 against 429 last month, and 437 as compared with the corresponding month of 1897.

There has been an increased fatality amongst the aged,—201 deaths against 157 last month, being no less than 41.35 per cent. of the total deaths registered. No doubt this increase has been mainly occasioned by the prevalence of Influenza, which in the aged has a greater hold, and meets with less resistance. Infantile deaths number 83 against 59 in December. This is a large increase, but when compared with January of last year, it is better by 9.

Turning to the Zymotics, we have returns of a more encouraging nature. There were 20 deaths registered this month against 27 last, reducing the zymotic death-rate to 0.8 from 1.0, at which it previously stood. Notified or ascertained cases numbered 106 against 206 last month,—a very gratifying improvement, and bringing the zymotic disease rate down to 4.19, which is nearly 50 per cent. better than last month, due to the more favourable returns of Typhoid and Scarlet Fevers.

Diphtheria marks a rise of 4 cases, but a decline of 2 deaths. This increase in the number of cases is more apparent than real, for it includes the returns from a district which has not hitherto supplied any. We are pleased to record this act of grace on the part of Phillack Urban District, and trust that it will be followed by the three remaining defaulting districts, so that the County's statistics may be complete and entire.

Erysipelas cases numbered 15 with 2 deaths this month, against 19 cases and 1 death last.

Scarlet Fever has greatly declined. The cases notified in January numbered 21 against 58 with 3 deaths in December,—a welcome decrease of 36 per cent. The disease has disappeared in St. Columb district, and greatly declined in Redruth Rural, which returns 4 cases against 18 and 1 death the previous month, and also in Helston Rural, there being only 1 case this month, against 6 and 1 fatality in December.

Typhoid Fever. A very great improvement is shown by the returns for January. From 116 cases with 5 deaths the previous month, it is 55 cases with 7 deaths this. The M.O.H.s for Redruth Rural and Camborne Districts, respectively, report that the epidemic is practically at an end. No fresh case has been reported in the former district since January 18th, and in the latter district the last 4 cases notified were due to secondary infection. Increased vigilance and attention are evidently being aroused, as the result of the recent Local Government Board Inquiry, for the M.O.H. reports that the Authority is causing all midden-pits, cess-pits, and ash-pits at infected houses to be thoroughly cleaned and disinfected, and all accumulations of refuse in the vicinity of dwellings are being systematically removed. Camborne's experience of the Typhoid epidemic will not have been in vain if it profits from the recent Inquiry, and learns the wisdom of shutting the stable door before the horse is gone. These remarks apply with equal force to the St. Columb Rural district.

It is gratifying to observe the attention just now being given to the question of the purity of water supplies; and there is no question so important and vital to the public health as this. Recent events at Maidstone, and at Camborne, are object lessons pointing to the paramount duty of all responsible Authorities to keep a watchful eye in this direction, and not only to have periodical examinations, but also whenever the M.O.H. has the least suspicion of taint or impurity.

Signed on behalf of the Committee,

JOHN R. de C. BOSCAWEN,

Truro, February 16th, 1898.

CHAIRMAN.

OF BIRTHS, DEATHS, and INFECTIOUS DISEASE, within the

No. of District.	SANITARY DISTRICT.	Population, 1891.	Medical Officer of Health.	Total Births.	Birthrate per 1000 per Annum.	Total Zym. Deaths.	Zymotic Deaths per 1000 per An.	Deaths under 1 yr.	Deaths between 1 and 5.	Deaths, 65 & over.	NOTIFIED OR ASCERTAINED CASES.								
											Small Pox.	Diphtheria & Membr. Group.	Erysipelas.	Scarlet Fever.	FEVERS.			Cases.	Total.
															Typhoid.	Continued.	Puerperal.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	RURAL																		
1	*STRATTON	7,122	Mr. BRAUND	..	..	..	..	3	2	6	Z	Z		Z	Z	Z			
2	*LAUNCESTON	8,937	Mr. GIBSON	20	26	..	..	..	..	4	..	..	..	..	..	..	..	..	..
3	*CALSTOCK	6,140	Dr. A. BOWHAY	6	11	..	..	..	..	4	..	..	..	..	..	..	..	..	..
4	*BOSCASTLE	2,009	Mr. C. WADE	12	71	..	..	..	..	5	..	..	..	..	..	..	..	..	..
5	*CAMELFORD	4,897	\$Mr. JEROME	19	46	..	..	1	..	3	..	..	..	1	..	..	..	1	..
6	*LISKEARD	22,464	Mr. NETTLE	31	16	2	1.0	1	2	9	..	1	..	..	..	..	..	1	..
7	*ST. GERMANS	15,080	Mr. KERSWILL	41	32	..	..	2	1	10	..	1	(1)	1	..	..	..	2	..
8	*BODMIN	12,146	Mr. MUDGE	16	15	..	..	..	..	1	..	..	..	..	..	..	..	..	..
9	*St. Columb	11,834	Dr. MACKAY	26	26	..	..	1	1	10	..	..	..	1	..	..	..	1	..
10	*ST. AUSTELL	27,218	\$Dr. MASON	62	27	..	..	10	4	17	..	2	3	..	..	..	..	5	..
11	TRURO	22,557	Mr. BONAR	42	22	..	..	5	1	21	..	1	2	10	..	..	..	13	..
12	REDRUTH	19,546	Dr. PERMEWAN	38	23	3	1.8	6	2	13	..	1	2	4	12(9)	..	..	19	..
13	*EAST KERRIER	8,510	Mr. BLANEY	12	16	1	1.4	1	..	5	..	..	..	..	(1)	..	..	..	..
14	*HELSTON	18,919	Mr. HASWELL	34	21	..	..	9	2	16	..	..	1	1	1	..	..	3	..
15	*West Penwith	18,176†	Mr. MUDGE	No	Return	..	..	..	..	..	..	..	..	..	..	..	..	NN	..
	URBAN																		
16	*LAUNCESTON	4,345	Mr. GIBSON	5	13	..	..	..	1	2	..	..	1	..	..	..	..	1	..
17	*LISKEARD	3,984	Mr. NETTLE	8	24	1	3.0	2	1	2	..	..	..	..	..	..	..	..	..
18	*SALTASH	2,541	Mr. PRESTON	9	42	..	..	..	..	4	..	..	..	..	..	..	..	..	..
19	*BODMIN	5,151	\$Mr. DERRY	7	16	..	..	..	..	3	..	..	..	..	..	..	..	..	..
20	*LOSTWITHIEL	1,496	Mr. MILNER	5	40	..	..	1	..	1	..	..	..	..	..	..	..	..	..
21	TRURO CITY	11,131	Mr. SHARP	21	22	..	..	3	1	9	..	..	1	1	..	..	..	2	..
22	*PENRYN	3,256	Mr. BLANEY	4	14	..	..	..	..	3	..	..	..	..	..	..	..	..	..
23	*FALMOUTH	12,215	Dr. BULLMORE	25	24	5	4.9	4	7	5	..	..	..	..	1	..	..	1	..
24	*HELSTON	3,198	Mr. WEARNE	7	26	..	..	1	..	4	..	..	..	..	..	..	..	..	..
25	*ST. IVES	6,094	\$Mr. NICHOLLS	17	33	..	..	6	2	5	..	..	..	..	..	..	..	..	..
26	PENZANCE	12,448	Mr. BOASE	40	38	..	..	6	1	8	..	..	1	1	..	..	..	2	..
27	*PADSTOW	1,503	Mr. HARVEY	1	8	..	..	..	..	1	..	..	..	..	..	..	..	..	..
28	NEWQUAY	1,891	\$Dr. HARDWICK	3	18	..	..	..	..	1	..	..	..	..	..	..	..	..	..
29	*ST. AUSTELL	3,477	Dr. MASON	9	31	..	..	2	1	3	..	..	..	..	..	..	..	..	..
30	*REDRUTH	10,334	\$Dr. HICHENS	26	30	4	4.6	9	9	6	..	..	2	1	5	..	..	8	..
31	CAMBORNE	14,700	Mr. THOMAS	28	23	3	2.4	3	1	10	..	..	..	..	35(3)	..	..	35	..
32	*Phillack	4,009	Mr. Z. B. MUDGE	15	45	1	2.9	1	1	4	..	5(6)	1(6)	..	1	..	..	7	..
33	*HAYLE	1,142	Mr. T. MUDGE	1	10	..	..	..	..	1	..	4	1	..	..	..	..	5	..
34	*MADRON	2,810	Mr. COUCH	10	40	..	..	3	..	..	..	..	..	..	..	..	..	..	..
35	*PAUL	5,961	Mr. BOASE	12	24	..	..	1	..	4	..	..	..	..	..	..	..	..	..
36	*Ludgvan	2,334	Mr. COUCH	5	25	..	..	1	1	1	..	..	..	..	..	..	..	NN	..
37	*SCILLY ISLE	1,896	Dr. MACKLIN	3	18	..	..	1	..	..	..	..	..	..	..	..	..	..	..
COUNTY		303,295	WHERE RETURNS ARE AVAILABLE.		620	24	20	0.8	83	41	201	..	15(6)	15(6)	21	55(6)	..	..	106
Special Notice.		303,295	County Summary, 1897.		702	28	30	1.1	92	32	168	1(6)	15(5)	19(5)	20(5)	14(5)	1	1	71
		304,295	JANUARY ..		638	25	31	1.2	113	54	161	..	4(5)	19	11	4(5)	2	3(6)	43
		303,295	FEBRUARY ..		711	28	39	1.5	106	61	162	..	11(5)	19	13(5)	7(5)	2(6)	(6)	52
		303,295	MARCH ..		521	24	29	1.1	105	56	150	2	12(5)	14	6	14	1	1	50
		303,295	APRIL ..		629	25	29	1.1	91	33	129	1	5(5)	15(5)	9(5)	10	2	1	43
		303,295	MAY ..		658	26	30	1.1	65	43	104	..	17(5)	14	3	6	2	..	42
		303,295	JUNE ..		645	25	27	1.0	65	32	113	..	13(5)	9(5)	24(5)	15(5)	..	2(6)	63
		303,295	JULY ..		585	23	61	2.1	99	40	126	..	18(5)	10	14	44(5)	1	..	87
		303,295	AUGUST ..		663	26	37	1.4	76	11	126	..	15(5)	16	37	57(6)	6	..	131
		303,295	SEPTEMBER ..		642	25	30	1.2	72	28	129	..	4	17	50(5)	164	..	..	87
		303,295	OCTOBER ..		653	25	29	1.1	66	23	132	..	1	15	32	16(6)	4	..	83
		303,295	NOVEMBER ..		613	24	27	1.0	59	40	157	..	11(6)	19(6)	58(6)	116(5)	..	2(6)	206
		303,295	DECEMBER ..																
			County Summary, 1898.		620	24	20	0.8	83	41	201	..	15(6)	15(6)	21	55(6)	..	..	106
			JANUARY ..																
			FEBRUARY ..																
			MARCH ..																
			APRIL ..																
			MAY ..																
			JUNE ..																
			JULY ..																
			AUGUST ..																
			SEPTEMBER ..																
			OCTOBER ..																
			NOVEMBER ..																
			DECEMBER ..																
Medical Officers of Health will greatly oblige by being early with their Monthly Returns.																			

REFERENCE.—The Districts printed in **black type** have as yet failed to adopt the Notification Act. Districts marked with an asterisk (*) are those in which the Notification Act has been adopted. Diseases marked with a "Z" are those taken as Zymotics for Statistical purposes. N.N. means Not Notified.

6.—Diphtheria case was at North road, West Looe. 7.—Diphtheria at St. Stephens village; Scarlet fever at Torpoint. 9.—Scarlet fever at Port Isaac; Scarlet fever at Port Isaac; Scarlet fever at Port Isaac. 10.—Scarlet fever at Port Isaac; Scarlet fever at Port Isaac. 11.—Scarlet fever at Port Isaac; Scarlet fever at Port Isaac. 12.—All the Typhoid cases were in Illogan—last case at Wendron; Scarlet fever in Porthleven; Enteric fever at Praise, Crowan. 13.—Erysipelas case was at Deakin's Cottages. 14.—Erysipelas at St. 15.—Erysipelas at Clinton and Albany roads; Typhoid at Gilly House, Albany road, Coose lane, and Treleigh. 16.—Epidemic of Enteric fever at Erysipelas at Copperhouse Yard. 17.—Diphtheria at Penpol Terrace, Chapel Row, Penpol Buildings (cause unknown), and Carnow (probably due to ...)

Truro, February 16th, 1898.

RETURN

Form F.

of the Administrative County of Cornwall, for the Month of January, 1898.

No. of District	Disease Rate per 1000 per ann. on Month's Return	Deaths from											D.R. per 1000 per ann. on month's returns.	D.R. per 1000 per ann. on quarter's returns.	Diseases prevalent during the Month.	GENERAL REMARKS	No. of District
		Meningitis.	Whooping Cough.	Diarr. & Dyst.	Bronchitis, Pneumonia, & Pleurisy	Phthisis.	Heart Disease	Influenza.	Cancer.	Inquest Cases	All other causes.	All Causes					
		(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	
1	2.45	..	..	..	4	..	..	..	..	..	11	15	25.27	21.33	Influenza	Atmospheric disturbance	1
2	0.53	..	..	..	1	..	1	..	1	1	1	5	6.71	9.39	do.	do.	2
3	1.58	..	..	..	3	..	..	..	..	2	3	8	15.63	13.02	do.	Climatic	3
4	..	..	..	..	..	..	3	..	..	..	3	6	35.83	15.92	do.	do.	4
5	..	..	..	..	..	..	..	..	..	2	3	5	12.25	15.51	do.	Epidemic	5
6	..	..	..	..	3	..	4	..	..	2	7	18	9.61	12.28	do.	Climatic	6
7	..	..	..	..	5	4	1	..	2	2	9	24	19.09	12.19	do.	do.	7
8	..	..	..	..	..	1	3	1	..	..	5	10	9.87	13.50	None	Very healthy, no Zym. dis.	8
9	1.01	..	..	..	5	1	1	..	..	3	4	14	14.19	16.54	Influenza	do.	9
10	2.20	..	..	..	9	..	3	7	2	2	20	43	18.95	17.78	do.	Delayed Return due to Reg.	10
11	6.91	..	..	..	4	2	7	3	2	2	18	38	29.21	14.53	do.	Germ	11
12	11.66	..	..	..	7	1	2	..	..	4	18	35	21.48	23.32	do.	No Typ. case since Jan. 18th	12
13	..	..	..	..	3	..	..	4	..	..	3	11	15.51	13.63	Influenza	Epidemic	13
14	1.90	..	..	..	9	5	4	2	2	..	18	40	25.37	18.37	Ser. & Ent. fev.	do.	14
15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15
16	2.76	..	..	..	1	..	3	..	1	1	..	6	16.57	14.73	Influenza	do.	16
17	..	..	1	..	3	..	..	..	..	..	5	9	27.10	20.09	do.	Climatic	17
18	..	..	..	..	..	1	..	..	..	..	4	5	23.61	14.16	do.	do.	18
19	..	..	..	..	1	..	2	1	..	1	1	6	13.97	14.74	do.	District healthy	19
20	2.15	..	..	..	4	1	1	..	1	1	10	18	19.40	19.76	Influenza	Type not very severe	20
21	..	..	..	..	1	1	1	1	..	..	3	7	25.79	11.05	do.	Climatic	21
22	0.98	..	5	..	3	3	4	1	..	..	9	25	24.55	18.33	do.	Epidemic	22
23	..	..	..	..	1	..	..	..	..	5	..	6	22.51	24.09	do.	Atmospheric conditions	23
24	..	..	..	..	4	..	..	2	..	..	10	16	31.50	27.56	do.	Schools closed	24
25	1.93	..	..	..	2	..	2	..	2	5	10	21	20.24	16.06	do.	Cases generally mild	25
26	..	..	..	..	..	..	..	1	..	..	1	7	7.99	7.99	do.	do.	26
27	..	..	..	..	1	..	..	1	..	..	..	2	12.69	14.80	do.	Influenza of mild type	27
28	..	..	..	..	2	..	..	..	1	1	4	8	27.61	18.40	do.	do.	28
29	9.29	..	4	..	2	..	..	2	..	..	18	26	30.19	20.51	Infl., Wh. Co.	Free from Zymotic disease	29
30	28.57	..	..	..	5	3	1	..	..	..	16	28	22.85	17.68	Typhoid	Epidemics	30
31	20.95	..	..	..	2	2	..	1	..	..	3	10	29.93	14.96	Influenza	Typhoid practically at an end	31
32	52.53	..	..	..	..	..	..	..	..	..	1	1	10.50	7.00	do.	do.	32
33	..	..	..	..	1	..	..	..	..	1	5	7	29.89	28.46	None	District still very healthy	33
34	..	..	..	..	2	..	1	..	..	..	3	6	12.07	16.10	Influenza	do.	34
35	..	..	..	..	1	..	..	..	..	..	2	3	15.42	13.70	None	District continues healthy	35
36	..	..	..	..	..	..	..	..	..	..	1	1	6.32	25.31	None	District healthy	36
37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	37

No. of District	Disease Rate per 1000 per ann. on Month's Return	Deaths from											D.R. per 1000 per ann. on month's returns.	D.R. per 1000 per ann. on quarter's returns.	Diseases prevalent during the Month.	GENERAL REMARKS	No. of District
		Meningitis.	Whooping Cough.	Diarr. & Dyst.	Bronchitis, Pneumonia, & Pleurisy	Phthisis.	Heart Disease	Influenza.	Cancer.	Inquest Cases	All other causes.	All Causes					
		(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	
1	2.80	17	4	4	83	29	27	..	22	30	208	437	17.29	17.29	1	Stratton	1
2	1.70	14	9	4	101	33	38	10	23	37	212	486	19.22	19.22	2	Launceston	2
3	2.02	24	7	1	89	51	38	6	25	33	218	500	19.78	19.78	3	Calstock	3
4	1.98	15	7	2	95	46	35	1	27	37	292	471	18.60	18.60	4	Fossebridge	4
5	1.71	11	4	7	58	37	36	2	22	22	194	402	15.90	15.90	5	Camelford	5
6	1.66	15	6	7	58	37	36	2	22	22	194	402	15.90	15.90	6	Liskeard	6
7	2.49	11	2	5	22	19	31	..	28	40	155	324	12.81	12.81	7	St. Germans	7
8	3.44	17	3	33	25	31	29	1	17	35	188	387	15.13	15.13	8	Bodmin	8
9	5.71	4	2	20	34	39	33	2	27	23	170	365	14.44	14.44	9	St. Columb	9
10	3.44	18	..	4	31	31	31	1	22	24	195	366	14.47	14.47	10	St. Austell	10
11	3.25	16	5	3	29	31	35	1	26	20	182	353	13.96	13.96	11	Truro	11
12	8.14	4	7	3	64	31	37	..	26	23	209	429	16.99	16.99	12	Redruth	12
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	East Kerrier	13
14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	Helston	14
15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	West Penwith	15
16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	Launceston	16
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	Liskeard	17
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	Salisbury	18
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	Bodmin	19
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	Lostwithiel	20
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	Truro	21
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	Penryn	22
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	Falmouth	23
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	Helston	24
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	St. Ives	25
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26	Penzance	26
27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27	Padstow	27
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	Newquay	28
29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29	St. Austell	29
30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	Redruth	30
31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	Camborne	31
32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32	Phillyack	32
33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33	Hayle	33
34	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	Madron	34
35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	35	Paul	35
36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36	Ludgvan	36
37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	37	Scilly Isles	37

and thus * are without Isolation Hospitals. † This population is omitted for the purpose of averages. § Returns were late Notification. The following numbers refer to the number of the District in each case :-

Scarlet fever in St. Columb. 10.—Diphtheria at Tywardreath and Carnega, in St. Dennis parish; Erysipelas in St. Stephens parish. 11.—Erysipelas at Quary 18th. 13.—The death from Typhoid occurred in Flushing, and was one of the cases reported last month. 14.—Erysipelas at Four-lanes, at S. Minic street; Scarlet fever at Moresk road. 23.—Enteric fever case was at Berkeley Place. 26.—Locality of Notifiable case not stated by M.O.H. (notified drain); Erysipelas at Penpol Terrace. 32.—Diphtheria at High Lanes and Bodriggy street; Typhoid at Angarick;

(Signed on behalf of the Committee) JOHN R. de C. BOSCAWEN, Chairman.

CLIMATOLOGICAL OBSERVATIONS IN CORNWALL.

During the Month of JANUARY, 1898.

Readings taken Daily at 9 a.m. Local time.

Stations run from North to South.

No. of Station.	Stations where the Observations were taken. (North to South)	OBSERVER.	TEMPERATURE (Fahrenheit).						BAROMETER (Sea Level).			RAINFALL.						SUN. Bright Sunshine. Total Hours.	WIND. Prevailing Direction.	No. of Station.			
			Mean Temp. Dry Bulb.	Mean Temp. Wet Bulb.	Max. Temp.	Minimum Temp.	Mean Temp.	Ditto for like month, 1897.	Mean Daily Range.	Relative Humidity.	Monthly Means. Corrected.	Bar. Highest.	Bar. Lowest.	Total during Month.	Ditto for like month, 1897.	Total Rainfall from 1st Jan., 1898.	Ratio for like period 1897.				Height above sea.	Days on which 0.01 in. or more fell.	Excess Total during 1897
1	POUGHILL	Colonel Field	45.40	44.90	55.0	29.0	45.90	38.90	9.30	94	30.34	30.65	29.30	1.43	2.25	1.43	2.25	200	16	45.19	..	W.	1
2	BUDE	Mr. J. Arthur	46.00	45.00	53.0	27.0	43.50	35.00	8.00	92	30.33	30.70	29.28	1.25	1.93	1.25	1.93	16	10	41.73	..	S. to S.W.	2
3	LAUNCESTON	Capt. Ching, R.N.	..	..	53.0	27.0	43.50	..	..	..	30.33	30.70	29.28	0.92	3.60	0.92	3.60	446	12	51.46	..	S. & S.W.	3
4	HINGSTON DOWNS	Mr. H. Wadge	..	..	..	..	..	..	..	..	..	..	..	1.44	3.68	1.44	3.68	850	14	46.48	..	..	4
5	PENTILLIE CASTLE	Mr. W. T. Johnson	..	..	55.0	27.0	..	..	..	..	..	..	..	1.33	3.85	1.33	3.85	150	11	49.34	..	..	5
6	LISKEARD	Mr. S. W. Jenkin	46.00	44.00	55.0	35.0	46.00	38.00	9.00	..	30.45	30.77	29.40	1.28	4.63	1.28	4.63	375	14	51.27	..	W. & S.W.	6
7	LANTHYDROCK	Prob. J. T. Every	..	..	..	..	..	..	..	..	30.20	30.44	29.18	1.29	4.55	1.29	4.55	390	13	53.29	39	E.	7
8	NEWQUAY	Dr. Hardwick	48.20	46.20	53.9	37.7	47.78	40.40	5.80	85	30.30	30.71	29.18	0.85	4.19	0.85	4.19	100	11	39.50	..	S.E. & S.W.	8
9	PLYMOUTH (Dev)	Mr. H. V. Prigg	47.10	45.40	59.1	35.0	46.90	39.00	7.80	89	30.32	30.64	29.27	1.36	3.29	1.36	3.29	117	10	39.89	..	..	9
10	CREMYLL	Mr. W. Marchant	47.35	45.16	55.0	37.0	46.31	37.68	6.35	..	30.47	30.79	29.40	1.00	2.32	1.00	2.32	25	11	36.17	..	W. to S.	10
11	MENABILLY	Mr. W. H. Bennett	..	..	56.0	32.0	46.59	37.63	11.00	..	30.14	30.60	29.00	1.01	3.61	1.01	3.61	27	10	48.86	..	W.S.W.	11
12	ST. AUSTELL	Mr. W. Coope	..	..	..	..	..	..	..	..	..	30.56	29.29	1.02	4.73	1.02	4.73	300	15	51.11	..	..	12
13	HELIGAN	Mr. J. C. Tremayne	..	..	52.0	32.0	..	..	..	..	..	..	..	2.10	4.34	2.10	4.34	..	9	44.37	..	..	13
14	ST. AGNES	Mr. J. Opie	..	..	..	..	..	..	..	..	..	..	..	1.32	3.28	1.32	3.28	278	10	40.47	..	S. to S.E.	14
15	PROBUS	Mr. H. Tresawna	..	..	..	..	..	..	..	..	..	..	..	2.04	4.15	2.04	4.15	..	8	44.82	..	..	15
16	TRURO (R.I.C.)	Mr. R. A. Gregg	47.40	45.10	58.0	31.0	47.20	39.20	9.40	86	30.29	30.61	29.25	1.08	4.36	1.08	4.36	40	8	46.50	47.9	S.W.	16
17	REDRUTH	Mr. A. Lanyon	..	..	..	..	..	..	..	..	30.29	30.61	29.25	0.99	..	0.99	..	..	9	..	..	17	
18	ST. IVES	Dr. Nicholls	48.37	46.51	54.0	41.2	48.21	40.06	5.30	..	30.26	30.58	29.21	1.07	2.71	1.07	2.71	60	8	45.11	..	S.S.W.	18
19	PHILLACK	Canon Hoekin	..	..	..	..	..	..	..	..	..	..	..	1.00	3.55	1.00	3.55	70	12	39.14	..	..	19
20	FALMOUTH (Ob.)	Mr. E. Kitto	48.00	46.20	55.7	36.7	48.20	40.10	6.10	87	..	..	..	1.19	3.73	1.19	3.73	169	12	45.85	46.5	S.W.	20
21	ST. JUST (West)	Rev. G. B. Hooper	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	386	..	..	..	..	21
22	MARAZION	Mr. T. W. Field	..	..	..	..	..	..	..	..	..	..	..	0.94	3.63	0.94	3.63	30	12	43.94	..	..	22
23	PENZANCE	Mr. C. H. Benn	50.12	48.08	56.5	38.0	49.23	42.08	6.00	86	30.10	30.58	29.28	1.15	3.88	1.15	3.88	55	15	45.31	46	..	23
24	" (Penlee)	Mr. Brunwell, Jr.	..	..	54.0	36.0	45.00	..	..	..	30.20	30.50	29.40	1.32	3.85	1.32	3.85	..	14	47.15	..	S.W. & S.E.	24
25	LIZARD LIGHTS	Mr. J. E. Davies	..	..	54.0	41.0	50.00	42.03	..	..	30.13	30.42	29.20	..	..	..	..	..	..	..	..	..	25
26	SCILLY, St. Mary's	Dr. Macklin	50.07	48.00	56.0	42.0	49.50	41.00	5.00	86	29.93	30.61	29.25	1.24	2.73	1.24	2.73	75	15	34.76	41	S.	26
	COUNTY MEANS	..	47.64	45.86	55.1	35.0	47.16	39.62	7.42	88	30.24	30.61	29.26	1.23	3.60	1.23	3.60	197	11	44.86	44	..	

§ Late Returns. † Returns not to hand at time of going to press. Sea temperatures: Poughill, ° on th; do. for , 189 , ° ; Plymouth, 50.1°; St. Ives, °; Penzance (Penzance), °; Scilly (St. Mary's), 51.5°. The following numbers refer to the number of the district in each case:—
 2.—Mean Temperature of the month 4.5° above 10 years average; General character very mild and damp. Minimum Temperature, nights 5° above average; Frost on 3 nights only. 3.—A very mild and dry, but humid month. 6.—The monthly mean Barometer, the highest recorded for January for many years. 8.—Remarkably high mean temperature and high barometer. 10.—Remarkably fine mild month. 14.—The month has been unusually dry, calm and dull,—very warm at times. 19.—Dryest January since 1880. 20.—Unusually mild, dull month. 24.—A very mild, dry month. 26.—An exceptionally mild and fine month, although the amount of sunshine was small.

Truro, February 16th, 1898.

(Signed) JOHN R. de C. BOSCAWEN Chairman.

CORNWALL COUNTY COUNCIL

Sanitary Committee.

Monthly Report for February, 1898.

Cornwall is still in the grip of the Influenza epidemic. The disease has greatly developed since our last report, and nearly every district remains affected. The number of deaths directly due to it is returned as 110, 61 of which occurred in the Rural and 49 in the Urban portion. This is an increase on the January returns of 84 deaths, or rather 81, as there were 3 deaths in Helston (Urban) which were wrongly returned under the head of Inquests. This is plainly indicative of the severity of the complaint; but it is to be feared that its influence does not end here. The deaths indirectly resulting from it may be imagined from the fact of there being 169 fatal cases of Bronchitis alone—an increase of 94 per cent on the previous month's returns. And undoubtedly the heavy old age mortality this month must be also set down to the epidemic. The origin of the disease seems to be involved in mystery, and is a problem well deserving the attention of the medical profession to unravel. No class of persons is exempt from its influence. It attacks the healthy and vigorous as well as the weak and delicate, and it is found where the best sanitary conditions obtain and the surroundings are all that can be desired, and it seems altogether to be uncontrolled by hygienic laws.

For the first time since we have been tabulating the county's statistics, we have to record that this month the deaths exceed the births, and by no less than 35. This abnormal result is not owing to a falling off in the births, which, indeed, is about the average number, but to the unprecedented state of the general death-rate occasioned by the presence of the Influenza and the largely increased mortality amongst the aged. The number of deaths registered from all causes is 675, being 189 more than in January, raising the general death-rate to 26.17 per thousand of the population—a rise on the month of 6.95. Infantile deaths (under 1 year) are 114, which is nearly 35 per cent. higher than the number last month. In the active part of the population, i.e. between 5 and 65 years of age, there were 218 deaths, giving a death-rate of 8.45 per thousand. This is a little above the average rate, and shows that these also have been affected by the unusual condition of things now prevailing. It is sincerely to be hoped that the worst has now been seen, and that with the coming of more seasonable weather and the return of spring, the county will get back to its normal state of health.

Zymotic deaths are returned as 22 against 20 the previous month, and owing to the increased population basis, by the inclusion of St. Just Urban District, recently formed, the zymotic death-rate remains the same as in January, viz.: 0.8. A further great improvement is shown in the Infectious disease cases, which numbered 49 against 106 last month, reducing the disease-rate to 2.29, which is the lowest point reached since last June. The better returns of Typhoid Fever is the principal contributing factor to this decided improvement.

Diphtheria returns are 14 cases with 7 deaths this month against 15 cases and 1 death last. It will be seen that though the cases have declined a little in number the disease has been attended with greater fatality. There were 1 case and 1 death in Bodmin (Rural), 2 cases and 1 death in St. Columb, one of which was Membranous Croup, 7 cases and 1 death in Redruth (Rural), 1 case a child of 4 months of age, and 1 death in Falmouth (Urban); 1 case Membranous Croup in Camborne, 1 case Membranous Croup and 1 death in Phillack, and 1 case and 1 death in Hayle.

Erysipelas has declined from 15 cases and 2 deaths last month to 9 cases and no deaths this.

Scarlet Fever has further declined. From 21 cases in January it is 17 this month. It has appeared in 6 districts this month against 9 last, viz.:—Liskeard (Rural), Truro (Rural), Redruth (Rural) 8 cases, Falmouth, Padstow 4 cases, and Madron 2 cases.

Typhoid Fever returns show a still better improvement than even that recorded for January. The cases numbered last month 55 with 7 deaths, this month they are only 9 with 4 deaths. The centres now principally affected are Truro (Rural) 1 case and 1 death, Redruth (Rural) 2 cases (secondary affection), Helston (Rural) 1 case, Camborne 4 cases and 3 deaths (1 death was from a case notified in December), all secondary affections, and Paul 1 case.

There was no death due to Measles, but Whooping Cough is responsible for 10, and there was 1 death from Diarrhoea.

From our Climatological report it will be seen that the mean temperature was 44.70 degrees against 46.58 for the corresponding month of last year, and the Relative Humidity 83. The mean rainfall was just 2 inches, against 4.61 inches, and the mean total rainfall from the 1st January 3.23 inches against 8.20 inches for the like period of 1897. The highest mean temperature was at the Lizard (50.70), and the lowest at Launceston (40.50). The mean total hours of bright sunshine was 85.9. The highest recorded was at Falmouth (99.6), and the lowest at Newquay (71.1).

Signed on behalf of the Committee,

JOHN R. de C. BOSCAWEN,

Truro, March 12th, 1898.

CHAIRMAN.

OF BIRTHS, DEATHS, and INFECTIOUS DISEASE, within the area of the

No. of District.	SANITARY DISTRICT.	Population, 1891.	Medical Officer of Health.	Total Births.	Birthrate per 1000 per Annum.	Total Zym. Deaths.	Zymotic Deathrate per 1000 per An.	Deaths under 1 yr.	Deaths between 1 and 5.	Deaths, 65 & over.	NOTIFIED OR ASCERTAINED CASES								Total Cases.
											Small Pox.	Diphtheria & Membr. Group.	Erysipelas.	Scarlet Fever.	FEVERS.				
															Typhoid.	Continued.	Puerperal.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
RURAL																			
1	*STRATTON	7,122	Mr. BRAUND	15	25	..	..	1	2	5	Z	Z	..	Z	Z	Z	..	..
2	*LAUNCESTON	8,937	Mr. GIBSON	15	20	..	..	2	..	5	..	..	1	..	..	..	..	1
3	*CALSTOCK	6,140	Dr. A. BOWHAY	6	11	..	..	..	4	7	..	..	2	..	..	..	..	2
4	*BOSCASTLE	2,009	Mr. C. WADE	5	29	..	..	1	..	1	..	..	..	..	..	..	..	..
5	*CAMELFORD	4,897	Mr. JEROME	6	14	..	..	2	1	8	..	..	..	..	..	..	..	..
6	*LISKEARD	22,464	Mr. NETTLE	41	21	1	0.5	9	3	18	..	..	..	1	..	..	..	1
7	*ST. GERMAN'S	15,080	Mr. KERSWILL	36	28	..	..	2	3	8	..	..	..	..	..	..	..	..
8	*BODMIN	12,146	Mr. MUDGE	25	24	1	0.9	3	1	10	..	10	1	..	..	..	..	2
9	*St. Columb	11,834	Dr. MACKAY	24	24	2	2.0	4	..	11	..	20	..	..	..	..	..	2
10	*ST. AUSTELL	27,218	Dr. MASON	69	30	..	..	13	8	21	..	..	..	..	..	..	..	..
11	TRURO	22,557	Mr. BONAR	48	25	1	0.5	10	2	27	..	..	2	1	10	..	..	4
12	REDRUTH	19,546	Dr. PERMEWAN	38	23	1	0.6	7	3	24	..	70	..	8	2	..	..	17
13	*EAST KERRIER	8,510	Mr. BLANEY	20	28	2	2.8	4	1	15	..	..	..	..	..	..	..	..
14	*HELSTON	18,919	Mr. HASWELL	38	24	..	..	3	2	15	..	..	1	..	1	..	..	2
15	*West Penwith	18,176	Mr. MUDGE	No	Ret	..	..	..	..	..	..	..	..	..	..	..	..	NN
URBAN																			
16	*LAUNCESTON	4,345	Mr. GIBSON	4	11	..	..	1	1	1	..	..	..	..	..	..	..	..
17	*LISKEARD	3,984	Mr. NETTLE	3	15	..	..	2	..	8	..	..	..	..	..	..	..	..
18	*SALTASH	2,541	Mr. PRESTON	2	9	..	..	1	1	1	..	..	..	..	..	..	..	..
19	*BODMIN	5,151	Mr. DERRY	7	16	..	..	..	..	3	..	..	..	..	..	..	..	..
20	*LOSTWITHIEL	1,496	Mr. MILNER	3	24	..	..	..	..	1	..	..	..	..	..	..	..	..
21	TRURO CITY	11,131	Mr. SHARP	19	20	..	..	2	1	9	..	..	..	..	..	..	..	..
22	*PENRYN	3,256	Mr. BLANEY	6	22	1	3.6	2	1	2	..	..	..	..	..	..	..	..
23	*PALMOUTH	12,215	Dr. BULLMORE	21	20	3	2.9	4	4	13	..	10	..	1	..	..	..	2
24	*HELSTON	3,198	Mr. WEARNE	4	15	..	..	..	1	11	..	..	..	..	..	..	..	..
25	*ST. IVES	6,094	Mr. NICHOLLS	21	41	..	..	7	5	11	..	..	..	..	..	..	..	..
26	PENZANCE	12,448	Mr. BOASE	29	28	1	0.9	10	1	7	..	..	1	..	..	..	..	1
27	*PADSTOW	1,503	Mr. HARVEY	3	24	..	..	..	..	3	..	..	..	4	..	..	..	4
28	NEWQUAY	1,891	Dr. HARDWICK	4	24	..	..	1	..	..	..	..	..	..	..	..	..	..
29	*ST. AUSTELL	3,477	Dr. MASON	6	20	..	..	5	2	3	..	..	..	..	..	..	..	..
30	*REDRUTH	10,334	Dr. HICHENS	26	30	4	4.6	7	5	8	..	..	..	..	..	..	..	..
31	CAMBORNE	14,700	Mr. THOMAS	28	22	3	2.4	8	2	13	..	1	1	..	40	..	..	6
32	*Phillack	4,009	Mr. Z. B. MUDGE	10	30	1	2.9	..	1	2	..	10	..	..	..	..	..	1
33	*HAYLE	1,142	Mr. T. MUDGE	1	10	1	10.5	..	..	..	..	10	..	..	..	..	..	1
34	*MADRON	2,810	Mr. COUCH	7	29	..	..	..	..	..	..	..	..	..	..	..	..	..
35	*PAUL	5,961	Mr. BOASE	25	50	..	..	1	1	10	..	..	..	2	1	..	..	3
36	*Ludgvan	2,334	Mr. COUCH	1	5	..	..	..	..	..	..	..	..	..	..	..	..	NN
37	*ST. JUST	6,119	Mr. C. S. JAGO	21	41	..	..	2	1	6	..	..	..	..	..	..	..	..
38	*SCILLY ISLES	1,896	Dr. MACKLIN	3	18	..	..	..	..	1	..	..	..	..	..	..	..	..
COUNTY		309,414	WHERE RETURNS ARE AVAILABLE.	640	24	22	0.8	114	57	286	..	140	9	17	90	..	..	49
Special Notice.																			
Special attention is again called to the Dairies, Cowsheds, and Milkshops Orders, 1885, and 1886, which are obligatory upon every Sanitary Authority.																			
Attention is directed to the provisions of the "Isolation Hospitals Act, 1893," (56 & 57 Vict. Cap. 68), and to the Districts in Cornwall without such accommodation.																			
Medical Officers of Health will greatly oblige by being early with their Monthly Returns.																			
County Summary, 1897.																			
303,295	JANUARY	702	28	30	1.1	92	32	168	110	150	190	200	140	1	1	71	..	..
303,295	FEBRUARY	638	25	31	1.2	113	54	161	..	40	19	11	40	2	3	43	..	..
303,295	MARCH	711	28	39	1.5	106	61	162	..	110	19	130	70	2	1	52	..	..
303,295	APRIL	621	24	29	1.1	105	56	150	2	120	14	6	14	1	1	50	..	..
303,295	MAY	629	25	29	1.1	91	33	129	1	50	150	90	10	2	1	43	..	..
303,295	JUNE	658	26	30	1.1	65	43	104	..	170	14	3	6	2	..	42	..	..
303,295	JULY	645	25	27	1.0	65	32	113	..	180	90	240	150	..	20	63	..	..
303,295	AUGUST	585	23	61	2.1	99	40	126	..	180	10	14	140	1	..	87	..	..
303,295	SEPTEMBER	663	26	37	1.4	76	11	126	..	150	16	37	570	6	..	131	..	..
303,295	OCTOBER	642	25	30	1.2	72	28	129	..	4	17	500	160	..	..	87	..	..
303,295	NOVEMBER	653	25	29	1.1	66	23	132	..	1	15	32	160	4	..	83	..	..
303,295	DECEMBER	613	24	27	1.0	59	40	157	..	110	190	580	116	..	20	206	..	..
County Summary, 1890.																			
303,295	JANUARY	620	24	20	0.8	83	41	201	..	150	150	21	550	..	..	106	..	..
309,414	FEBRUARY	640	24	22	0.8	114	57	286	..	140	9	17	90	..	..	49	..	..
MARCH																			
APRIL																			
MAY																			
JUNE																			
JULY																			
AUGUST																			
SEPTEMBER																			
OCTOBER																			
NOVEMBER																			
DECEMBER																			

REFERENCE.—The Districts printed in **black type** have as yet failed to adopt the Notification Act. Districts marked with an asterisk (*) in these instances. Diseases marked with a "Z" are those taken as Zymotics for Statistical purposes. N.N. means not notified.

2.—Erysipelas at Hicks Mill, Lewannick. 3.—Erysipelas cases were at St. Ann's Chapel and Gunnislake. 6.—Scarlet Fever in Cornwall. 9.—Diphtheria in St. Columb. 11.—Erysipelas at Ladock and Devoran; Scarlet Fever at Kea; Enteric Fever in Workhouse, cause unknown. 12.—Erysipelas at Four Lanes, Wendron. 23.—One case of Diphtheria in a child 4 months of age at Cambridge terrace; on the middle street, 1 case, cause obscure. 31.—Membranous Croup at West Centenary Row; Erysipelas at Boleynow; Enteric Fever (secondary) at Penpol terrace. 35.—Scarlet Fever at Moushole; Typhoid at Newlyn, imported from Porthleven.

of the Administrative County of Cornwall, for the Month of February, 1898.

Disease Rate per 1000 per ann. on Month's Returns	Deaths from												D.R. per 1000 per ann. on month's returns.	D.R. per 1000 per ann. on quarter's returns.	Diseases prevalent during the Month.	GENERAL REMARKS	No. of District		
	Measles.	Whooping Cough.	Diarr. & Dyst.	Bronchitis, Pneumonia, & Pleurisy	Phthisis.	Heart Disease	Influenza.	Cancer.	Inquest Cases	All other causes.	All Causes								
(20)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)				
1-34	Z	Z	Z	2	2	2	1	1	4	9	15-15	19-65	Influenza			1			
3-90	2	2	1	..	2	3	10	13-43	10-74	do.		Climatic	2			
..	8	..	3	..	..	4	15	29-31	20-84	do.			3			
..	1	1	1	..	1	1	4	23-89	19-90	Influenza			4			
0-53	..	1	..	4	1	3	9	1	13	41	21-80	16-16	do.		Epidemic	5			
..	5	2	2	1	3	6	19	15-11	15-11	do.		Old People chiefly affected	6			
1-96	6	..	2	4	..	1	5	19	18-77	14-81	do.		Quethiock N. School closed	7		
2-02	3	1	2	3	1	2	10	24	24-33	18-58	do.		Respy. dis. very prevalent	8		
2-12	14	4	7	11	..	3	17	56	24-68	21-00	Influenza		High d.r. due to Influenza	9		
10-43	11	3	2	10	1	3	22	53	23-19	20-92	do.		Infection	10		
..	..	2	..	12	4	1	8	3	3	16	48	29-46	25-77	do.			11		
1-26	4	..	1	3	1	1	10	22	31-02	17-86	do.		Epidemic	12		
..	6	..	5	8	1	..	12	32	20-29	20-69	do.		Epidemic	13		
..				14		
..				15		
..	2	1	..	..	..	2	5	13-80	13-80	Influenza				16		
..	7	2	..	1	..	4	15	45-18	30-11	do.		Epidemic		17		
..	2	..	..	..	..	2	4	18-88	14-73	do.				18		
..	3	..	..	..	..	1	3	7	16-31	17-52	do.				19	
..	1	1	8-02	10-69	Infl. Respy.		A great deal of Sickness		20		
..	8	1	..	3	1	3	5	21	22-63	22-63	Influenza		Free from Zymotic disease		21	
..	..	1	..	..	..	1	..	..	3	5	18-42	14-73	do.		Epidemic		22		
1-96	..	2	..	6	6	2	3	2	1	10	33	32-41	25-20	do.				23	
..	1	1	2	8	..	3	15	56-28	36-60	do.		High old age mortality		24		
..	7	..	1	2	..	1	15	26	51-19	34-78	do.		Influenza almost gone		25	
0-96	1	12	5	1	..	..	4	5	28	26-99	18-70	do.		Influenza abating		26	
31-97	1	..	2	3	23-98	15-91	do.		Epidemic of mild type		27		
..	2	..	..	..	2	12-69	10-57	do.		Climatic		28		
..	5	..	1	1	..	1	5	13	44-86	34-51	do.		High d.r. due to Influenza		29	
..	..	4	..	8	2	3	2	1	9	29	33-65	27-08	Infl. Wh. Co.		Epidemics		30		
4-89	5	2	3	14	..	1	13	41	33-46	23-39	Influenza		Epidemic		31	
2-99	1	..	..	..	..	2	4	11-97	15-96	do.		Very prevalent		32		
10-50	1	2	21-00	14-00	do.		Very prevalent		33		
..	4	1	6	1	..	8	20	85-40	42-70	do.		Epidemic		34		
6-03	3	..	2	4	..	3	6	18	36-21	22-80	do.				35	
..	1	2	..	..	..	1	4	20-56	17-13	None		District healthy		36		
..	6	..	2	1	..	2	11	21-49	..	Influenza		Majority of cases very slight		37		
..	1	..	..	1	6-32	12-65	None		District exceptionally healthy		38		
1-90	..	10	1	169	41	47	110	20	37	229	675	26-17	No. Dis.	Sanitary District.	Death Rate to Scale.				
2-80	17	4	4	83	29	27	..	22	30	208	437	17-29	1	RURAL	10	20	30	40	50
1-70	14	9	4	101	33	38	10	23	37	212	486	19-22	2	Stratton					
2-02	24	7	1	89	31	38	6	25	33	218	500	19-78	3	Launceston					
1-98	15	7	2	95	46	35	1	27	37	292	471	18-60	4	Calstock					
1-71	11	4	7	58	37	36	2	22	22	194	402	15-90	5	Boscawen					
1-66	15	6	6	49	33	27	1	16	15	172	342	13-53	6	Camelford					
2-49	11	2	5	22	19	31	..	28	40	155	324	12-81	7	Liskeard					
3-44	17	3	33	25	31	29	1	17	35	188	387	15-13	8	St. Germans					
5-21	4	2	26	34	39	33	2	27	23	170	365	14-44	9	Bodmin					
3-44	18	..	4	31	31	31	1	22	24	196	366	14-47	10	St. Columb					
3-25	16	5	3	29	31	35	1	26	20	182	353	13-96	11	St. Austell					
8-14	4	7	3	64	31	37	..	26	23	209	429	16-99	12	Truro					
4-19	..	12	..	87	26	47	26	15	35	228	486	19-22	13	Redruth					
1-90	..	10	1	169	41	47	110	20	37	229	675	26-17	14	East Kerrier					
..	15	Helston					
..	16	West Penwith	No Return.				
..	17	URBAN					
..	18	Launceston					
..	19	Liskeard					
..	20	Salisbury					
..	21	Bodmin					
..	22	Lostwithiel					
..	23	Truro					
..	24	Penryn					
..	25	Falmouth					
..	26	Helston					
..	27	St. Ives					
..	28	Penzance					
..	29	Padstow					
..	30	Newquay					
..	31	St. Austell					
..	32	Redruth					
..	33	Camborne					
..	34	Philack					
..	35	Hayle					
..	36	Madron					
..	37	Paul					
..	38	Ludgvan					
..	39	St. Just					
..	40	Scilly Isles					
..	41	County					

* are without Isolation Hospitals. † This population is omitted for the purpose of averages. § Returns were late Notification. The following numbers refer to the number of the District in each case :—

12.—Diphtheria, 5 cases at Gwithian, 1 at Portreath, and 1 case of Membranous Croup; Typhoid cases (secondary) were at Pool and Hlogan
case of Scarletina in Gurdon place. These 2 case were in the best parts of the Town. 27.—Scarlet Fever (mild) in Lanadwell street, 3 cases,
Edward street, Tuckingmill (3 in one house, 1 death), and West Church street. 32.—Membranous Croup at High Lanes. 33.—Diphtheria at

(Signed on behalf of the Committee) JOHN R. de C. BOSCAWEN, *Chairman.*

CLIMATOLOGICAL OBSERVATIONS IN CORNWALL.

During the Month of FEBRUARY, 1898. Readings taken Daily at 9 a.m. Local time. Stations run from North to South.

No. of Station.	Stations where the Observations were taken. (North to South)	OBSERVER.	TEMPERATURE (Fahrenheit).							BAROMETER (Sea Level).			RAINFALL.						SUN. Total Hours Bright Sunshine.	WIND. Prevailing Direction.	No. of Station.
			Mean Temp. Dry Bulb.	Mean Temp. Wet Bulb.	Max. Temp.	Minimum Temp.	Mean Temp. month, 1897.	Mean Daily Range.	Relative Humidity.	Monthly Means Corrected.	Bar. Highest.	Bar. Lowest.	Total during Month.	Ditto for like month, 1897.	Total Rainfall from 1st Jan., 1898.	Ditto for like period 1897.	Height above sea.	Greatest 1 Day.	Days on which 0.01 in. or more fell.	Total during 1897.	
1	POUGHILL	Colonel Field	..	..	..	..	..	..	..	..	..	..	2.57	5.53	4.00	7.78	200	0.20	24	45.19	1
2	BUDE	Mr. J. Arthur	44.10	42.80	52.5	25.3	44.40	8.10	90	30.08	30.41	29.10	2.50	5.03	3.75	6.96	16	0.40	19	41.73	2
3	LAUNCESTON	Capt. Ching, R.N.	43.00	42.00	53.0	22.0	40.50	11.00	92	30.03	30.35	29.13	2.82	4.32	3.74	7.92	446	0.33	23	51.46	3
4	HUNSTON DOWN	Mr. H. Wadge	..	..	..	..	..	..	..	..	..	..	2.23	5.09	3.67	8.77	850	0.45	18	46.48	4
5	PENTILLIE CASTLE	Mr. W. T. Johnson	..	..	55.0	23.0	..	..	..	..	..	..	1.07	4.98	3.30	8.83	150	0.33	21	49.34	5
6	LISKEARD	Mr. S. W. Jenkin	43.00	41.00	56.0	30.0	43.00	11.00	..	30.16	30.59	29.14	2.59	4.85	3.87	9.48	375	0.31	22	51.27	6
7	LANHYDROCK	Preb. J. T. Every	..	..	..	..	..	..	..	29.64	30.36	29.00	2.63	4.92	3.92	9.47	390	0.29	22	53.29	7
8	NEWQUAY	Dr. Hardwick	46.50	43.50	53.7	32.9	45.40	6.90	80	30.00	30.42	28.91	1.44	4.63	2.29	8.82	100	0.20	22	39.50	8
9	PLYMOUTH (Dev)	Mr. H. V. Prigg	44.31	42.36	53.3	24.0	43.47	7.36	85	30.07	30.52	29.12	1.42	4.06	2.78	7.35	117	0.36	21	39.89	9
10	CREMYLL	Mr. W. Marchant	43.50	40.53	56.0	29.0	43.62	11.03	..	30.18	30.54	29.29	1.38	4.08	2.38	6.40	25	0.24	19	36.17	10
11	MENABILLY	Mr. W. H. Bennett	..	..	54.0	27.0	42.86	11.42	..	30.25	30.40	29.20	2.53	5.57	3.54	9.18	27	0.32	19	48.86	11
12	ST. AUUSTELL	Mr. W. Coode	..	..	..	..	..	..	..	..	30.32	29.10	2.39	5.60	3.41	10.33	300	0.30	24	51.11	12
13	HELIGAN	Mr. J. C. Tremayne	..	..	56.0	26.0	..	..	..	..	..	..	1.85	4.75	3.95	9.09	..	0.20	20	44.37	13
14	ST. AGNES	Mr. J. Opie	..	..	..	..	..	..	..	..	..	..	1.78	4.90	3.10	8.18	278	0.25	19	40.47	14
15	PROBUS	Mr. H. Tresawna	..	..	..	..	..	..	..	..	..	..	1.04	4.81	2.86	8.96	..	0.21	19	44.82	15
16	TRURO (R.I.C.)	Mr. R. A. Gregg	45.60	42.50	59.0	24.0	45.50	10.90	78	30.03	30.35	28.98	1.62	4.83	2.70	9.19	40	0.21	23	46.50	16
17	REDRUTH	Mr. A. Lanyon	..	..	..	..	..	..	..	..	..	..	2.22	4.80	3.19	8.98	..	0.31	19	..	17
18	ST. IVES	Dr. Nicholls	46.51	43.63	56.5	35.0	46.97	6.84	..	30.05	30.37	29.10	1.58	3.92	2.65	6.63	60	0.31	16	45.11	18
19	PHILLACK	Canon Hookin	..	..	..	..	..	..	..	..	..	..	1.38	3.40	2.38	6.95	70	0.24	21	39.14	19
20	FALMOUTH (Ob.)	Mr. E. Kitto	45.10	42.50	54.9	30.9	45.10	9.10	83	..	..	..	2.01	4.50	3.20	8.23	169	0.24	20	43.85	20
21	ST. JUST (West)	Rev. G. B. Hooper	..	..	..	..	..	..	..	..	..	..	..	..	..	..	386	..	..	..	21
22	MARAZION	Mr. T. W. Field	..	..	..	..	..	..	..	..	..	..	1.91	3.61	2.85	7.24	30	0.26	20	43.94	22
23	PENZANCE	Mr. C. H. Benn	58.13	45.07	57.0	34.0	46.86	9.31	79	30.02	30.35	28.98	2.32	4.41	3.47	8.29	55	0.29	26	45.31	23
24	LIZARD LIGHTS	Mr. Branwell, Jr.	..	..	54.0	31.0	42.50	..	..	29.99	30.33	29.10	2.41	4.62	3.73	8.47	..	0.31	23	47.15	24
25	SCILLY, St. Mary's	Mr. J. E. Davies	..	..	52.0	41.0	50.70	48.46	..	29.88	30.25	29.19	..	..	..	..	..	..	..	..	25
26	SCILLY, St. Mary's	Dr. Macklin	47.90	45.00	54.0	36.0	45.00	8.50	80	29.75	30.40	29.09	1.55	3.74	2.79	6.47	75	0.41	16	34.76	26
	COUNTY MEANS	..	44.33	42.84	54.8	29.4	44.70	7.99	83	30.01	30.39	29.09	2.00	4.61	3.23	8.20	197	0.29	20	44.86	85.9

Plymouth, 49.2°; St. Ives,

§ Late Returns. † Returns not to hand at time of going to press. Sea temperatures: Poughill, ° on th; do. for , 189 , ° ;

°; Penzance (Ponlee), 50°; Scilly (St. Mary's), 50°. The following numbers refer to the number of the district in each case:—

2.—Mean Temperature 2.5° above average of 10 years. 3.—On the 21st 1½ inches, and on the 22nd 2½ inches of snow fell. 6.—Continuous N.W. Wind. 11.—Snow fell on 22nd; Hail Showers on 23rd and 24th. 20.—19th, Hoar Frost; 21st, ground covered in frozen Hail; 23rd and 24th, Hoar Frost.

Truro, March 12th, 1898.

(Signed) JOHN R. de C. BOSCAWEN Chairman.

CORNWALL COUNTY COUNCIL.

Sanitary Committee.

Monthly Report for September, 1898.

The feature of the month is the abnormally high Infantile mortality. There were no fewer than 179 deaths of infants under 1 year, equal to 38 per cent. of the total deaths registered, and giving the proportion of 250 deaths per 1000 births. Diarrhoea brought about this result. The disease has been very prevalent during the month. Deaths due to it occurred in 21 districts (7 Rural and 14 Urban)—Redruth and Camborne returning respectively 20 and 25 deaths. These factors have raised the death-rate of those districts to an abnormally high level, and have also made themselves felt in the month's general death-rate.

The total number of deaths registered from all causes in September was 467, giving a general death-rate of 18.11 per 1000 per annum of the population. This shows an increase on August of 89 deaths and 3.56 per 1000 respectively. This rise, as will be seen, was mainly caused by the increased infantile mortality—there being 76 more deaths under this head this month than last. The proportion of deaths, however, among the active part of the population is more favourable than even last month,—the returns for September showing a per centage of 30.40 against 40.74 in August.

There were 97 deaths from Zymotic diseases against 47 last month, viz.:—Measles 1, Whooping Cough, 12; Diarrhoea, 76; Diphtheria, 2; and Typhoid Fever, 6. Other deaths include 29 from Bronchitis, 35 from Phthisis, 36 from Heart Disease, 4 from Influenza, 27 from Cancer, and 221 from other causes. Inquest cases were less numerous this month, and numbered 18, 8 of which were due to natural causes, 8 accidental, and 1 temporary insanity.

Infectious disease cases notified or ascertained during the month were 93, giving a disease-rate of 3.66 against 72 cases and a rate of 2.79 for August.

There were 699 births registered in September, equal to a birth-rate of 27 per thousand. The County's natural increase was 232.

Small-pox. 2 cases of Small-pox are reported, one from St. Germans, and 1 from Redruth Urban—the latter case was a person just arrived from America, and it is presumed that the disease was contracted on board ship.

Diphtheria returns give 16 cases with 2 deaths against 3 cases last month. 2 cases occurred in Launceston (Rural), 1 in Liskeard (Rural), 3 in St. Germans, 4 with 1 death in St. Columb, 1 in St. Austell (Rural), 2 in Truro (Rural), 1 in Redruth (Rural), 1 in Helston (Rural), and 1 with 1 death in Padstow.

Erysipelas is reported from 7 districts (5 Rural and 2 Urban), and shows 8 cases against 10 last month. The disease is again unattended with any fatality.

Scarlet Fever cases numbered this month 50 against 39 with 1 death last month. In the Rural districts Calstock returns 3 cases; Liskeard, St. Germans, and Truro, each 1 case; St. Columb, 3 cases; St. Austell, 7 cases; Redruth, 8 cases; East Kerrier, 3 cases; and Helston, 4 cases; and in the Urban portion 7 cases are returned by Launceston, 3 cases by Falmouth, 4 cases by Penzance and Camborne respectively, and 1 case by Newquay.

Typhoid Fever cases are 3 less than in August; but the disease has been more fatally attended—6 deaths being due to it this month against 1 last. St. Germans contributed 1 case, Truro (Rural), 3 deaths (cases reported last month); Redruth (Rural) 1 case; Helston (Rural) 2 cases; Bodmin, 1 case and 1 death; Helston (Urban), 1 case and 1 death; Camborne, 2 cases and 1 death; and Truro City, Penryn, Falmouth, St. Ives, Padstow, Madron, and Paul, each 1 case.

Whooping Cough is still prevalent in some districts. 13 deaths were due to it against 14 in August.

The mean temperature for the month was 60.94 against 55.97 for September, 1897, and 62.95 last month. The mean rainfall was 1.23 inches against 3.12 inches in August, and the mean total rainfall from 1st January, 18.29 inches against 35.45 inches for the like period of 1897. The highest mean temperature was at St. Ives (63.06), and the lowest at Launceston (56.50). The mean total hours of bright sunshine was 216.8, giving a daily average of 7 hours 21 minutes. The highest recorded was at Scilly (St. Marys) 232.2, and the lowest at Falmouth (207.2).

Medical officers are respectfully desired to report in their next month's returns any changes that may have been made in the *personnel* of either the Medical Officer or of the Sanitary Inspector in their immediate vicinity during the year.

Signed on behalf of the Committee,

JOHN R. de C. BOSCAWEN,

Truro, October 13th, 1898

CHAIRMAN.

OF BIRTHS, DEATHS, and INFECTIOUS DISEASE, within the year 1898

No. of District.	SANITARY DISTRICT.	Population, 1891.	Medical Officer of Health.	Total Births.	Birthrate per 1000 per Annum.	Total Zym. Deaths.	Zymotic Deathrate per 1000 per An.	Deaths under 1 yr.	Deaths between 1 and 5.	Deaths, 65 & over.	NOTIFIED OR ASCERTAINED CASES.										
											Small Pox.	Diphtheria & Membr. Group.	Erysipelas.	Scarlet Fever.	Typhoid.	Continued.	Puerperal.	Cases.	Deaths.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
RURAL												Z	Z		Z	Z	Z				
1	*STRATTON	7,122	Mr. BRAUND	25	42	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	*LAUNCESTON	8,937	Mr. GIBSON	12	16	..	..	2	1	1	..	..	2	..	..	..	..	..	..
3	*CALSTOCK	6,140	Dr. A. BOWHAY	11	21	1	1.9	1	1	2	..	..	..	3	..	..	..	..	..
4	*BOSCASTLE	2,009	Mr. C. WADE	4	24	..	..	..	..	1	..	..	..	..	..	..	..	..	..
5	*CAMELFORD	4,897	Mr. JEROME	7	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	*LISKEARD	20,063	Mr. NETTLE	38	22	1	0.5	6	4	10	..	1	..	1	..	..	..	..	..
7	*ST. GERMAN'S	15,080	Mr. KERSWILL	41	31	1	0.7	7	..	5	1	3	1	1	1	..	..	..	..
8	*BODMIN	12,146	Mr. MUDGE	38	37	..	..	1	1	6	..	..	1	..	..	..	..	..	..
9	*ST. COLUMB	11,834	Dr. MACKAY	27	27	2	2.0	4	1	3	..	4(1)	..	3	..	..	..	..	..
10	*ST. AUSTELL	27,218	Dr. MASON	76	33	..	..	4	..	10	..	1	1	7	..	..	..	..	..
11	TRURO	22,557	Mr. BONAR	40	21	6	3.1	7	3	12	..	2	2	1	9	..	..	..	..
12	REDRUTH	19,546	Dr. PERMEWAN	38	23	4	2.4	9	2	11	..	1	..	8	1	..	..	..	..
13	*EAST KERRIER	8,510	Mr. BLAMEY	23	32	2	2.8	6	..	2	..	..	1	3	..	..	..	..	..
14	*HELSTON	18,919	Mr. HASWELL	44	27	6	3.7	11	2	7	..	1	..	4	2	..	..	..	..
15	*West Penwith	12,057	Mr. MUDGE	No	Return	..	..	..	..	..	..	..	..	..	..	..	..	NN	..
URBAN																					
16	*LAUNCESTON	4,345	Mr. GIBSON	6	16	1	..	..	..	..	..	..	..	7	..	..	..	..	..
17	*LISKEARD	3,984	Mr. NETTLE	10	30	..	..	..	..	4	..	..	..	..	..	..	..	..	..
18	LOOE	2,401	Dr. WEBB	2	10	1	4.9	3	..	1	..	..	..	..	..	..	..	..	..
19	*SALTASH	2,541	Mr. PRESTON	3	14	2	3.4	2	..	..	..	..	..	..	..	..	..	..	..
20	*BODMIN	5,151	Mr. DERRY	11	25	1	2.3	..	..	2	..	..	..	..	10	..	..	..	..
21	*LOSTWITHIEL	1,496	Mr. MILNER	4	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	TRURO CITY	11,131	Mr. SHARP	23	24	1	1.0	8	..	7	..	..	..	..	1	..	..	..	..
23	*PENRYN	3,256	Mr. BLAMEY	9	33	2	7.3	3	..	..	..	..	..	..	1	..	..	..	..
24	*FALMOUTH	12,215	Dr. BULLMORE	25	24	..	..	3	..	4	..	..	..	3	1	..	..	..	..
25	*HELSTON	3,198	Mr. WEARNE	5	18	5	18.7	3	2	3	..	..	..	..	1	..	..	..	..
26	*ST. IVES	6,094	Mr. NICHOLLS	27	53	..	..	7	..	4	..	..	1	..	1	2	..	..	..
27	PENZANCE	12,448	Mr. BOASE	20	19	4	3.8	8	..	2	..	..	..	4	..	..	..	..	..
28	*PADSTOW	1,503	Mr. HARVEY	3	24	2	15.9	1	..	..	..	10	..	..	1	..	..	..	..
29	NEWQUAY	1,891	Dr. HARDWICK	10	63	..	..	2	..	..	..	..	..	1	..	..	..	..	..
30	*ST. AUSTELL	3,477	Dr. MASON	11	38	1	3.4	2	..	2	..	..	1	..	..	..	..	..	..
31	*REDRUTH	10,334	Dr. HICHENS	28	32	20	23.2	27	2	6	1	..	..	..	..	..	..	..	..
32	CAMBORNE	14,700	Mr. THOMAS	30	24	26	21.2	32	4	5	..	..	..	4	20	..	..	..	..
33	*Phillack	4,009	Mr. Z.B. MUDGE	7	21	1	2.9	4	..	1	..	..	..	..	..	..	..	NN	..
34	*HAYLE	1,142	Mr. T. MUDGE	1	10	2	21.0	2	1	..	..	..	..	..	..	..	..	..	..
35	*MADRON	2,810	Mr. COUCH	6	25	1	4.2	2	3	3	..	..	..	..	1	..	..	..	..
36	*PAUL	5,961	Mr. BOASE	16	32	2	4.0	5	..	1	..	..	..	..	1	..	..	..	..
37	*Ludgvan	2,334	Mr. COUCH	5	25	..	..	1	..	..	..	..	..	..	..	..	..	NN	..
38	ST. JUST	6,119	Mr. C. S. JAGO	11	21	1	1.9	4	2	1	..	..	..	..	..	..	..	..	..
39	*SCILLY ISLES	1,896	Dr. MACKLIN	2	12	1	6.3	1	..	1	..	..	..	..	..	..	..	..	..
COUNTY		309,414	WHERE RETURNS ARE AVAILABLE.	699	27	97	3.7	179	29	117	2	16(1)	8	50	15(1)	2	..	93	..		
Special Notice.																					
Special attention is again called to the Dairies, Cowsheds, and Milkshops Orders, 1885, and 1886, which are obligatory upon every Sanitary Authority.																					
Attention is directed to the provisions of the "Isolation Hospitals Act, 1893," (56 & 57 Viet. Cap. 68), and to the Districts in Cornwall without such accommodation.																					
Medical Officers of Health will greatly oblige by being early with their Monthly Returns.																					
County Summary, 1897.																					
JANUARY .. 702 28 30 1.1 92 32 168 10(1) 15(1) 19(1) 20(1) 14(1) 1 1 71 10(1)																					
FEBRUARY .. 638 25 31 1.2 113 54 161 .. 4(1) 19 11 4(1) 2 3(1) 43 10(1)																					
MARCH .. 711 28 39 1.5 106 61 162 .. 11(1) 19 13(1) 7(1) 2(1) 52 10(1)																					
APRIL .. 621 24 25 1.1 105 56 150 2 12(1) 14 6 14 1 1 50 10(1)																					
MAY .. 629 25 29 1.1 91 33 129 1 6(1) 15(1) 9(1) 10 2 1 43 10(1)																					
JUNE .. 658 26 30 1.1 65 43 104 .. 17(1) 14 3 6 2 .. 42 10(1)																					
JULY .. 645 25 27 1.0 65 32 113 .. 13(1) 9(1) 24(1) 15(1) .. 20(1) 63 10(1)																					
AUGUST .. 585 23 61 2.1 99 40 126 .. 18(1) 10 14 44(1) 1 .. 87 10(1)																					
SEPTEMBER .. 663 26 37 1.4 76 11 126 .. 15(1) 16 37 57(1) 6 .. 131 10(1)																					
OCTOBER .. 642 25 30 1.2 72 28 129 .. 40 17 50(1) 16(1) .. 87 10(1)																					
NOVEMBER .. 653 25 29 1.1 66 23 132 .. 16(1) 15 32 16(1) 4 .. 83 10(1)																					
DECEMBER .. 613 24 27 1.0 59 40 157 .. 11(1) 19(1) 58(1) 116(1) .. 206 10(1)																					
County Summary, 1898.																					
JANUARY .. 620 24 20 0.8 83 41 201 .. 15(1) 15(1) 21 55(1) .. 106 10(1)																					
FEBRUARY .. 640 24 22 0.8 114 57 286 .. 14(1) 9 17 9(1) .. 49 10(1)																					
MARCH .. 674 26 13 0.5 95 46 207 .. 9(1) 18 37 14 1 .. 79 10(1)																					
APRIL .. 603 23 12 0.4 91 42 163 .. 5 12(1) 29 11(1) 2 .. 59 10(1)																					
MAY .. 624 24 28 1.0 82 48 126 .. 7(1) 13(1) 21(1) 7(1) 2 1(1) 51 10(1)																					
JUNE .. 686 27 27 1.0 84 35 120 .. 6 16 37 12(1) 2 .. 73 10(1)																					
JULY .. 636 24 35 1.3 82 20 77 .. 9(1) 6 48(1) 18(1) 2 1 84 10(1)																					
AUGUST .. 686 26 47 1.8 103 25 97 .. 3 10 39(1) 18(1) 1 1 72 10(1)																					
SEPTEMBER .. 699 27 97 3.7 179 29 117 2 16(1) 8 50 15(1) 2 .. 93 10(1)																					
OCTOBER ..																					
NOVEMBER ..																					
DECEMBER ..																					

Special attention is again called to the Dairies, Cowsheds, and Milkshops Orders, 1885, and 1886, which are obligatory upon every Sanitary Authority.

Attention is directed to the provisions of the "Isolation Hospitals Act, 1893," (56 & 57 Vict. Cap. 68), and to the Districts in Cornwall without such accommodation.

Medical Officers of Health will greatly oblige by being early with their Monthly Returns.

REFERENCE.—The Districts printed in **black type** have as yet failed to adopt the Notification Act. Districts marked with a "Z" are those taken as Zymotics for Statistical purposes. N.N. means not notified.

2.—Diphtheria at Botewell, North Hill, and Lower Truscott. 3.—Scarlet Fever at Gunnislake—imported from Plymouth. 6.—Diphtheria at Erysipelas at St. Germans; Scarlet Fever at Torpoint. 8.—Erysipelas case was at Norton, Parish of Bodmin. 9.—Diphtheria at St. Clement. 11.—Diphtheria at Probus and Kenwyn; Erysipelas at Probus; Scarlet fever at Kea; Enteric fever (fatal, cases occurred at St. Agnes—reported as 14.—Diphtheria at Harland Cross, Breage; Scarlet fever at Poladras Downs, Breage; Typhoid at Churchtown, Germoe, and Sparrow, Breage. 15.—Diphtheria in College street: no evident cause. 24.—3 cases of Scarlet fever (all in one house); Enteric fever at Market street. 25.—Erysipelas at Bowlin Cross, Truro street; Typhoid case was on the South Quay. 30.—Erysipelas at Merrifield's Row. 31.—Small Pox case was in Blight's Row—just arrived from India. Florence place, Tolcarne. 36.—Typhoid case was at Newlyn-town.

Truro, Oct. 13th, 1898.

ATED RETURN

Form F.

Area of the Administrative County of Cornwall, for the Month of September, 1898.

Dis. No.	Deaths	Deaths from											D.R. per 1000 per ann. on month's returns.	D.R. per 1000 per ann. on quarter's returns.	Diseases prevalent during the Month.	GENERAL REMARKS	No. of District.
		Measles.	Whooping Cough.	Diarr. & Dyst.	Bronchitis, Pneumonia, & Pleurisy	Phthisis.	Heart Disease	Influenza.	Cancer.	Inquest Cases	All other causes.	All Causes					
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
1	2-68	1	1	1	1	1	1	1	1	1	1	1	6-76	9-55	None	Very healthy	1
2	5-86	1	1	1	1	1	1	1	1	1	1	1	8-05	7-60	Meas., Diarr.	Seasonal	2
3	1-19	1	1	1	1	1	1	1	1	1	1	1	15-63	12-37	None	Healthy	3
4	5-56	1	1	1	1	1	1	1	1	1	1	1	5-97	9-95	None	District very healthy	4
5	0-98	1	1	1	1	1	1	1	1	1	1	1	4-90	10-61	None	One death at 103 years	5
6	7-08	1	1	1	1	1	1	1	1	1	1	1	16-74	12-93	None	District healthy	6
7	3-96	1	1	1	1	1	1	1	1	1	1	1	12-73	12-99	None	Scarlatina declining	7
8	2-65	1	1	1	1	1	1	1	1	1	1	1	11-85	9-21	None	Infection	8
9	6-18	1	1	1	1	1	1	1	1	1	1	1	11-15	10-13	None	District fairly healthy	9
10	5-61	1	1	1	1	1	1	1	1	1	1	1	11-02	12-48	Wh. Cough	Same houses aff. as last mon.	10
11	4-43	1	1	1	1	1	1	1	1	1	1	1	17-01	14-17	Sc. Fever		11
12	19-33	1	1	1	1	1	1	1	1	1	1	1	17-18	18-00			12
13	15-06	1	1	1	1	1	1	1	1	1	1	1	19-61	16-89			13
14	17-06	1	1	1	1	1	1	1	1	1	1	1	13-80	11-96	Sc. Fever	Board school clos. for 10 days	14
15	29-98	1	1	1	1	1	1	1	1	1	1	1	15-06	17-06	None	Very healthy month	15
16	9-44	1	1	1	1	1	1	1	1	1	1	1	6-98	4-65	Wh. Cough	Otherwise healthy	16
17	8-02	1	1	1	1	1	1	1	1	1	1	1	8-02	8-02	None	District healthy	17
18	20-48	1	1	1	1	1	1	1	1	1	1	1	20-48	14-72	Diarrhoea	District healthy	18
19	18-42	1	1	1	1	1	1	1	1	1	1	1	18-42	17-19	None	Healthy	19
20	21-61	1	1	1	1	1	1	1	1	1	1	1	21-61	17-02	Diarrhoea	Health of Boro' fairly good	20
21	30-01	1	1	1	1	1	1	1	1	1	1	1	30-01	25-01	Wh. Cough	District generally healthy	21
22	22-17	1	1	1	1	1	1	1	1	1	1	1	22-17	23-13	None		22
23	23-94	1	1	1	1	1	1	1	1	1	1	1	23-94	13-30	Inf. Diarrhoea	3 deaths, non-residents	23
24	38-09	1	1	1	1	1	1	1	1	1	1	1	38-09	31-73	Inf. Diarrhoea	Climatic	24
25	13-80	1	1	1	1	1	1	1	1	1	1	1	13-80	16-10	None	Healthy	25
26	48-77	1	1	1	1	1	1	1	1	1	1	1	48-77	25-92	Diarrhoea	Healthy	26
27	38-36	1	1	1	1	1	1	1	1	1	1	1	38-36	23-66	Inf. Diarrhoea	Epidemic	27
28	17-95	1	1	1	1	1	1	1	1	1	1	1	17-95	13-96	None	Seasonal	28
29	31-53	1	1	1	1	1	1	1	1	1	1	1	31-53	14-01	Wh. Co., Diar.		29
30	25-62	1	1	1	1	1	1	1	1	1	1	1	25-62	31-61	None	District healthy	30
31	16-14	1	1	1	1	1	1	1	1	1	1	1	16-14	11-41	Inf. Diarrhoea		31
32	10-28	1	1	1	1	1	1	1	1	1	1	1	10-28	6-85	None	District remains healthy	32
33	13-72	1	1	1	1	1	1	1	1	1	1	1	13-72	15-68	None	District very healthy	33
34	12-65	1	1	1	1	1	1	1	1	1	1	1	12-65	10-54	Wh. Cough	Otherwise healthy	34
35	3-66	1	12	76	29	35	36	4	27	18	221	467	18-11				35
36	2-80	17	4	4	83	29	27	22	30	208	437	17-29					36
37	1-70	14	9	4	101	33	38	10	23	37	212	486	19-22				37
38	2-02	24	7	1	89	51	38	6	25	33	218	500	19-78				38
39	1-98	15	7	2	95	46	35	1	27	37	292	471	18-60				39
40	1-71	11	4	7	58	37	36	2	22	22	194	402	15-90				40
41	1-66	15	6	6	49	33	27	1	16	15	172	342	13-53				41
42	2-49	11	2	5	22	19	31	28	40	155	324	12-81					42
43	3-44	17	3	33	25	31	29	1	17	35	188	387	15-13				43
44	5-21	4	2	26	34	39	33	2	27	23	170	365	14-44				44
45	3-44	18	4	31	31	31	31	1	22	24	196	366	14-47				45
46	3-25	16	5	3	29	31	35	1	26	20	182	353	13-96				46
47	8-14	4	7	3	64	31	37	26	23	209	429	16-99					47
48	4-19	12	1	87	26	47	26	15	35	228	486	19-22					48
49	1-90	10	1	169	41	47	110	20	37	229	675	26-17					49
50	3-06	11	1	130	35	48	40	15	36	229	546	21-17					50
51	2-25	9	1	102	38	37	9	24	24	200	447	17-34					51
52	1-99	4	15	2	66	37	43	8	22	22	181	410	16-02				52
53	2-85	2	21	47	31	33	4	29	31	191	393	15-36					53
54	3-25	20	10	40	30	37	3	15	9	162	332	12-87					54
55	2-79	3	14	28	23	28	37	2	29	29	183	378	14-65				55
56	3-66	1	12	76	29	35	36	4	27	18	221	467	18-11				56

thus * are without Isolation Hospitals. † This population is omitted for the purpose of averages. § Returns were late Notification. The following numbers refer to the number of the District in each case :-

1.—Typhoid at Trevris, Linkinhorne; Scarlet Fever at Redmoor, Southill. 7.—Small pox at Torpoint; Diphtheria at Polbathick; Typhoid at Millbrook; Typhoid at St. Wenn; Scarlet fever at St. Columb. 10.—Diphtheria and Erysipelas at St. Blazey; Scarlet Fever at Holmbush and Charlestown. 11.—Typhoid at Brea. 12.—Scarlet fever at Illogan; Typhoid at Brea. 13.—Erysipelas case was at Mawnan Smith; Scarlet fever at Nancunory, Constantine. 14.—Scarlet fever in St. Stephens district, Tower street and Westgate. 22.—Typhoid fever case was at Calenick street. 23.—Case of Typhoid was at Green Terrace; Typhoid at Sea View; Continued fever at Bowling Green Terrace and Bedford Road. 25.—Diphtheria (fatal) case was in High Street. 32.—Scarlet fever at Kehelland, Treswithian Downs, and Roseworthy; Typhoid at Tuckingmill. 35.—Typhoid case was in

(Signed on behalf of the Committee) JOHN R. de C. BOSCAWEN, Chairman.

CLIMATOLOGICAL OBSERVATIONS IN CORNWALL.

During the Month of SEPTEMBER, 1898. Readings taken Daily at 9 a.m. Local time. Stations run from North to South.

No. of Station.	Stations where the Observations were taken. (North to South)	OBSERVER.	TEMPERATURE (Fahrenheit).							BAROMETER (Sea Level).			RAINFALL.						Sun. Total Hours	Wind. Prevailing Direction	No. of Station.		
			Mean Temp.	Wet Bulb.	Max. Temp.	Minimum Temp.	Mean Temp.	Ditto for like month, 1897.	Mean Daily Range.	Relative Humidity.	Monthly Means Corrected.	Bar. Highest.	Bar. Lowest.	Total during Month.	Ditto for like month, 1897.	Total Rainfall from 1st Jan., 1898.	Ditto for like period 1897.	Height above sea.				Greatest 1 Day.	Days on which 0.01 in. or more fell	Total during 1897
1	POUGHILL	Colonel Field	59.60	57.20	82.0	40.0	62.00	56.00	13.20	87	30.18	30.45	29.84	1.26	6.10	20.50	35.81	200	0.47	10	45.19	1	E.
2	BUDE	Mr. J. Arthur	62.00	58.00	77.0	40.0	56.50	52.50	15.00	77	30.10	30.40	29.75	1.04	6.27	17.60	32.18	16	0.45	6	41.73	2	S.E. to E.
3	LAUNCESTON	Capt. Ching, R.N.	62.00	58.00	77.0	40.0	56.50	52.50	15.00	77	30.10	30.40	29.75	1.93	6.31	20.76	37.35	446	0.50	11	51.46	3	Variable
4	HINGTON DOWNS	Mr. H. Wadge	62.00	58.00	77.0	40.0	56.50	52.50	15.00	77	30.10	30.40	29.75	2.01	4.43	22.00	31.65	850	1.12	7	46.48	4	..
5	PESTILLIE CASTLE	Mr. W. T. Johnson	62.00	58.00	77.0	36.0	59.00	55.00	14.00	88	30.25	30.60	29.74	2.22	3.74	22.11	34.32	150	1.22	10	49.34	5	..
6	LISKEARD.	Mr. S. W. Jenkin	60.00	57.00	76.0	45.0	59.00	55.00	14.00	88	30.25	30.60	29.74	2.06	4.93	20.90	36.49	375	0.89	8	51.27	6	S.E.
7	LANHYDROCK.	Prob. J. T. Every	62.50	58.00	76.1	46.4	61.30	55.90	11.40	75	30.02	30.36	29.56	1.78	6.17	23.54	38.82	390	0.67	11	53.29	7	..
8	NEWQUAY	Dr. Hardwick	63.90	59.10	77.4	53.7	60.50	55.00	13.70	82	30.12	30.47	29.69	1.02	4.44	13.89	30.80	100	0.37	9	39.50	8	S.E.
9	PLYMOUTH (Dev)	Mr. H. V. Prigg	59.56	56.96	69.9	54.9	62.45	57.81	14.96	82	30.10	30.40	29.72	0.97	2.56	16.77	30.19	117	0.58	8	39.89	9	S.E.
10	CREMYLL.	Mr. J. Wonnacott	59.56	56.96	69.9	54.9	62.45	57.81	14.96	82	30.10	30.40	29.72	1.07	2.62	14.73	27.41	25	0.50	8	36.17	10	Variable
11	MENABILL.	Mr. W. H. Bennett	63.10	58.20	81.0	38.0	61.10	55.90	18.50	72	30.02	30.50	29.60	1.06	4.14	20.18	34.81	27	0.32	9	48.86	11	W.S.W.
12	ST. AUSTELL.	Mr. W. M. Coode	63.10	58.20	81.0	38.0	61.10	55.90	18.50	72	30.02	30.50	29.60	1.53	4.85	21.17	37.28	300	0.52	8	51.11	12	..
13	HELGAN	Mr. J. C. Tremayne	63.10	58.20	81.0	39.0	63.06	56.71	8.22	70	30.07	30.41	29.73	1.17	3.39	19.16	33.10	0.41	7	44.37	13	..	
14	ST. AGNES.	Mr. J. Opie	63.10	58.20	81.0	38.0	61.10	55.90	18.50	72	30.02	30.50	29.60	0.76	4.05	16.44	28.85	278	0.25	6	40.47	14	S.E.
15	PROBUS	Mr. H. Tresawna	63.10	58.20	81.0	38.0	61.10	55.90	18.50	72	30.10	30.44	29.72	1.22	4.67	17.76	32.88	0.39	7	44.82	15	..	
16	TRURO (R.I.C.).	Mr. R. A. Gregg	63.10	58.20	81.0	38.0	61.10	55.90	18.50	72	30.10	30.44	29.72	1.14	4.09	16.06	33.62	40	0.35	7	46.50	16	S.E. to N.W.
17	REDRUTH	Mr. A. Lanyon	63.10	58.20	81.0	38.0	61.10	55.90	18.50	72	30.02	30.50	29.60	1.05	4.09	16.06	33.62	40	0.35	7	46.50	17	..
18	ST. IVES	Dr. Nicholls	63.18	57.80	75.2	51.0	63.06	56.71	8.22	70	30.07	30.41	29.73	1.19	4.47	15.69	30.85	60	0.31	10	45.11	18	W.
19	PHILLACK	Canon Hookin	62.00	58.20	73.5	47.0	60.80	55.90	12.20	78	30.07	30.41	29.73	0.84	3.93	14.80	28.23	70	0.26	11	39.14	19	S.E. & N.W.
20	FALMOUTH (Ob.)	Mr. E. Kitto	62.00	58.20	73.5	47.0	60.80	55.90	12.20	78	30.07	30.41	29.73	0.93	4.21	17.44	31.67	169	0.31	11	45.85	20	S.E. & N.W.
21	ST. JUST (West)	Rev. G. B. Hooper	64.07	59.69	72.5	46.5	61.72	57.34	11.81	75	30.19	30.44	29.70	0.78	5.03	15.60	32.07	30	0.19	11	43.94	21	..
22	MARAZION	Mr. T. W. Field	64.07	59.69	72.5	46.5	61.72	57.34	11.81	75	30.19	30.44	29.70	1.08	5.58	16.81	33.46	55	0.26	13	45.31	22	..
23	PENZANCE	Mr. C. H. Benn	64.07	59.69	72.5	46.5	61.72	57.34	11.81	75	30.19	30.44	29.70	1.20	5.22	17.58	34.10	0.27	12	47.15	23	E.	
24	(Penlee)	Mr. Branwell, Jr.	63.20	60.00	75.7	46.7	61.20	57.80	11.13	85	29.93	30.23	29.60	0.66	5.22	17.58	34.10	0.27	12	47.15	24	..	
25	ILZARD LIGHTS	Mr. J. E. Davies	63.20	60.00	75.7	46.7	61.20	57.80	11.13	85	29.93	30.23	29.60	0.66	5.22	17.58	34.10	0.27	12	47.15	25	E.	
26	MULLION	Mr. A. Mitchell	62.20	59.80	71.0	49.0	60.00	55.50	10.40	85	30.03	30.41	29.66	0.97	4.41	14.33	24.61	230	0.35	7	34.76	26	E.
27	SCILLY, St. Mary's	Dr. Macklin	62.20	59.80	71.0	49.0	60.00	55.50	10.40	85	30.03	30.41	29.66	0.97	4.41	14.33	24.61	230	0.61	6	34.76	27	E.
	COUNTY MEANS		62.11	58.33	75.2	45.6	60.94	55.97	12.94	77	30.09	30.41	29.68	1.23	4.60	18.29	35.45	204	0.47	9	44.86		

§ Late Returns. † Returns not to hand at time of going to press. Sea temperatures: Newquay, Sunrise °, p.m. °; Plymouth, 61°-9'; St. Ives, 62°; Scilly (St. Mary's), 61°-1°. The following numbers refer to the number of the district in each case:—

1. "Springs" have not dried up as in previous dry years. 2—Mean Temperature 3° above the average of 10 years. Mean Max about 3° above. 3—A very fine and dry month. 7—Rainfall for 9 months, 121 inches below average of 34 years. 8—Remarkably dry month. Fine Aurora Borealis on 8th. Total Rainfall for year to date, lowest recorded during past 6 years. 10—A very dry month. 14.—Not so dry a month as September, 1895. 20—9th, 8 p.m. to 1 a.m. 10th, brilliant Aurora extending from S.E. to N.W. 24—A very dry month, over 2½ inches under average of 28 years. 27—Rainfall continues very deficient.

Truro, October 13th, 1898.

(Signed) JOHN R. de C. BOSCAWEN, Chairman.