[Report 1896] / Sanitary Committee [- Medical Officer of Health], Cornwall County Council.

Contributors

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CORNWALL COUNTY COUNCIL.

Sanitary Committee.

Monthly Report for March, 1896.

Comparatively very little disease was prevalent in the county during March. The consensus of opinion of the various M.O.H.'s, set forth in the column under the head of "general remarks," is that last month was a very healthy one. This is fully borne out by the returns sent in from the different sanitary districts. A most satisfactory reduction in the various death-rates has to be noted. The general death-rate has fallen to 15'50 per 1,000 of the population, being a decline of 3'64 on the previous month; in other words, 90 less persons died in March than in February. As compared with the corresponding month of last year the improvement is still more marked, being no less than 9'43 per thousand in favour of the present month. There is an appreciable decline of 17 deaths in the Infantile mortality, and of 33 deaths of aged persons of 65 and over. Notwithstanding these reductions they bear a greater relative proportion to the deaths registered than was the case last month, viz.: 62 per cent. against 53. Deaths from old age and senile decay are in the natural order of things, but much of the Infantile mortality is clearly preventible. Seeing that in the present day a greater number of infants are fed solely on cow's milk than formerly, the importance of enforcing by all Sanitary Authorities the Dairies, Cowsheds, and Milkshops' Orders, 1885 and 1886 is of the highest consideration. While in many Urban districts a systematic inspection is carried out, it is to be feared that in the Rural districts the obligations of the Authorities are lightly considered, in consequence of which the sanitary conditions of many cowsheds and dairies are deplorably bad and disease is thereby conveyed, not only to infants but to the general public. This matter is receiving more attention by some Sanitary Authorities—notably that of the Truro Union, which has now ordered a more thorough investigation and inspection than formerly was the rule.

There is a great improvement in the number of deaths from zymotic diseases. From 20 deaths registered in February it has fallen to 10 for March, giving a death-rate of 0.4 against 0.8 for last month. This is the lowest rate recorded for the last two years. For the corresponding month of last year the number was 21 and the rate 0.9. The improvement extends also to the disease-rate. The number of notified or ascertained cases for March was 97 against 123 for February, a decline of 26 cases, and of 1.17 in the rate per thousand of the population.

Small-pox. There were 5 additional cases reported last month—I in Truro City and 4 in Camborne. No extension of the disease occurred in Redruth Rural district. The case at Truro (wife of the case previously reported) was an abortive one after re-vaccination, and occurred in the Isolation Hospital. At Camborne there were 2 cases in one house and 2 in adjoining houses. It is satisfactory to learn that the District Council have at last woke up to their responsibility, and have purchased premises which they intend to adapt as a permanent Isolation Hospital. In view of the serious outbreak of this loathsome disease in other parts of the country—notably at Gloucester—it behoves the responsible authorities throughout the country not only to enforce the Vaccination Act, but also to remedy the insanitary defects which still exist in some districts to an alarming extent.

Diphtheria has further declined 17 cases, but increased 1 death. The Rural districts still contribute by far the greater number of cases. The principal centres this month are Liskeard (Rural) 8 cases and 2 deaths, and Truro (Rural) 8 cases and 1 death. The disease has increased 2 cases and 2 deaths in the Liskeard centre after having declined to 3 cases in January. The M.O.H. strongly emphasizes the difficulty of confining the disease within narrow limits through the want of isolation. In Truro (Rural) district the disease, in the opinion of the M.O.H., was due probably to unflushed drains at St. Agnes and Tresillian. In the latter place faulty traps also are being renewed by order of the Sanitary Inspector.

Erysipelas marks the only increase of zymotic cases for the month. From 18 cases in February it has advanced to 22 cases and 1 death for March. The Rural districts again contributed the larger proportion—17 cases and 1 death out of the 22.

Searlet fever has further dropped 6 cases; but a fatal termination in one instance has to be noted. The disease has occurred in 7 Rural districts and 6 Urban, the latter supplying the greater per centage of cases and the only death.

Typhoid fever has fallen to 7 cases, a decline of 6 cases on the February returns. But here also the disease was stally attended, 1 death having been registered therefrom.

Measles, for the second consecutive month, return no death. But at Wadebridge, in the St. Columb Rural district, the epidemic reported last month still exists. The MO.H. writes that "the want of notification is having far-reaching results. In two instances lately, instead of notification to the M.O.H. resulting in the probable exclusion and isolation of infectious cases, the first step taken is to close the school, an extreme measure interfering seriously with the educational work of the district, and to some extent compromising the grant." We commend these remarks to the serious consideration of the three Rural districts who out of regard for a false economy refuse to adopt the Act.

Whooping Cough. Only 1 death has been registered for this disease last month against 12 for February.

It is with much regret that we learn of the demise during last month of the M.O.H. for Lostwithiel (the late Dr. Sewart), at the comparatively early age of 38 years. This accounts for the returns for that district not being included in this month's report.

On a review of the whole it will be evident that the various opinions of the M.O.H.'s as to the healthiness of the past month is fully confirmed, a decline being marked (with one solitary exception) under every specific head, while the birth-rate has increased, and the natural increase in the county's population is shown to have reached the high figure of 294.

(Signed on behalf of the Committee),

SILVANUS TREVAIL,

Truro, 16th April, 1896.

OF BIRTHS, DEATHS, and INFECTIOUS DISEASE, within t

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ict.		1000	Pin	1000	Deaths	rate An.		ween 5.	over.	1			FIED	ED OR ASCERTAIN			ED CA	
Distr	SANITARY		Medical Officer	Births.	Annum.	a. De		ZymotieDeath per 1000 per	betweend 5.	2	N.	eria &	1 8	ever.	Feve		IS.	Tot
10	DISTRICT.	Population,	of Health.	Bir	Birthrate per An	Total Zym.	1000	ns ar		9 '80	Small Pox.	Diphtheria Memb. Cron	Erysipelas.	Scarlet Fever	oid.	ned	erul	3
No.		obn		Total	Sirthr	otal	lymo per	Deaths	Deaths 1 s	Deaths,	mall	ipht	rysi	carl	Typhoid.	3Continued	Puerperal	Cases.
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	RURAL								1		Z	Z		Z	Z	Z	1	
1 2	*STRATTON	7,122 8,937	Mr. BRAUND §Mr. GIBSON	21 20	35 26	·i	1.3	1 4	1 2	2		1	(i)					1 NN
3 4	*CALSTOCK	6,140	Dr. A. BOWHAY	16	31			1	1	3			1		1:			1
5	*CAMELFORD	4,897	Mr. C. Wade Mr. Jerome		23 17			i		2 2	::		::	1::			::	::
6 7	*ST. GERMANS	22,464 15,080	Mr. NETTLE Mr. KERSWILL	63	23	3	1.6	6	1	8 7		8(2)	1	1			::	9 2
8 9	*BODMIN	12,146	Mr. Mudge Dr. Mackay	31	30		100	3	2	6		3 2	1	4			1.	8
10	*ST. AUSTELL *TRURO	27,218 22,557	§Mr. Mason Mr. Bonar		36	2	1.0	15	3	10		8(1)	4	5 2				9
12	*REDRUTH	19,546	Dr. Permewan	40	24		1.0	6	2	13	**	81.7	2	1	i			14
13	*EAST KERRIER *HELSTON	18,919	Mr. HASWELL	32	29 23			6	1 4	11	**	i	3	i.	3			8
15	*West Penwith	18,176†	Mr. Mudoe			No	Ret	urn										NN
16	*LAUNCESTON	4,345	§Mr. Gibson	10	27							1	1					
17	*LISKEARD	3,984	Mr. NETTLE .	10	30	ï	3.0	1	i	2 4		1(1)			::			ï
18 19	*BODMIN	2,541 5,151	§Dr. Meadows Mr. Derry	12	23 27			1		1 2			::				::	::
20 21	*LOSTWITHIEL TRURO CITY	1,496† 11,131	Mr. SHARP	22	23	No	Ret	urn 3		7	·i	::	1::	2				3
22 23	*PENRYN	3,256 12,215	§Mr. BLAMEY Dr. BULLMOR		73 17	1000		3							2.0			**
24	*HELSTON	3,198	Mr. WEARNE	8	30			3		1				2				2
25 26	PENZANCE		Mr. NICHOLLS Mr. MILLETT	19	43 23	i	0.9	5	6	6	::	**	::	3(1)	:			1 3
27 28	*PADSTOW *NEWQUAY	1,503 1,891	Mr. HARVEY Dr. HARDWICK	5 2	12	::		1		1	::	::						**
29 30	*ST. AUSTELL	3,477 10,334	§Mr. Mason Dr. Hichens	9 28	31			2		1				:				2
31 32	*CAMBORNE	14,700	Mr. THOMAS	28	22	2	1.6	3		6	4	1	5	9	3(1)	1		22
33	*Phillack *HAYLE	1,142	Mr. J. MUDGE	1	30 10	**				1	**	::	::	::			1(1)	NN 1
34 35	*MADRON		Mr. Couch Mr. Boase .	7 16	32			1	i	3 2		::						
36	*SCILLY ISLES	1,896	Mr. MACKLIN	5	31									2				2
	COUNTY	299,465	WHERE RETURNS ARE AVAILABLE.	681	27	10	0.4	88	27	125	5	27(4)	22(1)	34(1)	700	1	1(1)	97
	and all westers	280,190	JANUARY	655		32	14		42	181			27(1)		140)	1		144
2	pecial Notice.	280,190 280,190	MARCH	640 735	27 31	21	0.9	118	58 46	211	::	9(i) 9(i)	9	64(4) 50(3)			**	116 74
is a	Special attention	280,190 280,190	APRIL	676 593	29	28 13	1.2	123	78 59	209		15(0)		25(t) 29	6 9	i	100	57
Dairies, Cowsheds, and		280,190 280,190	E JUNE	639 638	27 27	16 20	0.6	72	39 21	110		16(a) 10(c)	11	42 60(s)	9	1 2		79 112
and 1886, which are 2		280,190	AUGUST	655	28	32	1.3	68 79	22	92		15(*)	16	76(1)	16	5	1	129
	gatory upon every litary Authority.	278,299 280,190	OCTOBER	624 549	27 27	47 62	26	106	35 35	91 128		31(s) 48(s)	21	1842	31	2	2(4)	197
	Attention is directed	280,190	November December	551 600	23 25	24 28	1-0	74 89	25 38	124		3D(* 51(**)	220)	579	22(a) 12(a)	1	3	145
to the provisions of the "Isolation Hospitals		300,961	0				1977					The same	200		10000000000000000000000000000000000000	28	100	101
Act	Act, 1893," (56 & 57 Vict. Capt. 68), and to		JANUARY FEBRUARY	579 623		20	0.8	97	35 64	163		53(8)	18	40	11(2)	3		138 123
the	the Districts in Corn-		MAGNINER	681	27	10	0.4	88	27	125	5	27(4)	22(1)	34(1)	7(1)	1	1(0)	97.
	wall without such ac- commodation.		APRIL . MAY . E JUNE E JULY	200			-	11 6		199								
Me	dical Officers of		JULY		700		1000		1	93				1				
He	alth will greatly ige by being early		SEPTEMBER				1	1		16.19		11.00 10	1111			-		
wit	h their Monthly		OCTOBER NOVEMBER DECEMBER				19 11 13	464	11111	1	min		1/4	1-1				
l nei	Line and the		3 DECEMBER				1379	71 4	7	1	17	100		100	1317		1	

REFERENCE.—The Districts printed in black type have as yet failed to adopt the Notification Act. Districts main these instances. Diseases marked with a "Z" are those taken as Zymotics for Statistical purposes. N.N. means

1.—Diphtheria case was at Bude. 3.—Erysipelas at Calstock Town. 6.—Scarlet fever in Moonsfield, Callington; diphtheria at Herods St. Mellion; Erysipelas at Padridda, St. Germans. 8.—Diphtheria at Lockingate, Laxulyan, Lanivet Churchtown, and Reperty Mill, Lanivet Erysipelas and 2 cases of Diphtheria in St. Columb; 11 cases of Measles in Wadebridge. 10.—Erysipelas and Scarlet fever at St. Blazey at 14.—Diphtheria at Treworlis Farm, Breage; Erysipelas at Black Rock, Treginning, Crowan, and Yellow Works. Wendron; Typhoid fever at Bo Hospital; 2 cases of Scarlet fever were in one family in Kenwyn Street. 24.—Scarlet fever cases were in the Workhouse, continuation of epidem in one house, 2 at Croft Common, in adjoining houses: Diphtheria at Croft Mitchell; Erysipelas at Beacon, Chapel Street, Trevenson Street, Vyv very mild type; Typhoid fever at Middle Centenary Row, Hocking's Court, and College Street. 36.—2 mild cases of Scarlet fever in Silver Street.

area of the Administrative County of Cornwall, for the Month of March, 1896.

					Des	ths i	from					per h's	per er's				1
Month s Returns	Neasles.	Whooping Cough.	B Diarr. & Dyst.	Bronchitis, Pneu-	B Phthisis.	B Heart Disease	E Influenza.	& Cancer.	8 Inquest Cases	all other	All Causes	D.R. per 1000	D.R. per 1000 pe	Discas prevale during the Mon	nt	General Remarks	AT 4 The
	1		1000			1											1
-68	Z	Z	Z			2			1	2	5	8.42	12:35	None			1
		::	7	3	1	1			1	7	13	17.45	16-11			District healthy	
95				2			1	1	1	3	7	13.68	16.92	None None		District healthy	
		**			1:0		1::		i	2 2	3	7-35	13.88	None		Healthy Extremely healthy month	
80	::		1	2	2	3		1	1	13	25	13-35	16.00	Diphther	ia 7	Want of Isolation	
59	200			6	1:	2	1	2	1 5	13	21 15	16 71	15.11	None		District healthy	B
90			**	3	1			-	2	4	10	10.14	15.54	Measles	1	In Wadebridge	3
96				20	8	5			2	8	43	18.93	18-93	Bronchiti	8 8	Seasonal	1
44		33	1	9	2 2	2		1	1	15	34 21	18.08	18:08 18:20	Respy. A		Weather changes No extension of Small-pox	1
20				1	1			î	i	6	10	14-10	15.04	Respirato		Atmospheric	1
07				5	1	2		3		17	28	17.75	19.59	Sc.fev.Er		Imported	1
							.,			33				1			1
						1										A STATE OF THE PARTY OF THE PAR	п
4	4.4				2					1	3	8.28	16.56	None	1	District healthy	1
01				3		2			2	3	9	27·10 18·88	25·09 15·73		3	deaths in workhouse	1
	**	**		i			1			3	5	11-64	21.73	None	1	District healthy	6
	::														100		2
23				5	i	1		1 2		7	14 8	15.09	17.95 24.56	Pul., Wh Respirate	. Co. (Generally healthy Atmospheric	2
		**	**	4	1	2			i	7	15	14.73	16:34	None		Healthy	2 9
50					1					6	7	26.26	20.00			Scar. Fev. cases in workhouse	2
98			**	5	2	1	1	2	2	10	8 23	15.75	19·35 23·44	Pulmona	- I	Climatic	2
89			**	1				1			2	15.96	13-29	Influenza		Town healthy	2 2
						1		1	2	1	5	31.72	23.26	None	1	Healthy	2
32			77	2	**	2		i	**	5	10	17.54	20.79	None Little Wi	Co	District healthy District very healthy	2 3
95		1		2.	2	- 2		î	- 2	7	18	14.69	20.94	20000		The very mentaly	3
50	20	000			1	1	**			1	3	8.97	10.97 17.50	None None		District very healthy	1
. l	**		**	::	1			i	::	5	7	29-89	25.62	None		District very healthy District very healthy	20 00
				2				1			3	6.03	14.08	None	1	District healthy	00
65								1			2.0	Nil.	12.66	Sore thro	ats 1	Death-rate nil.	2
75		1	2	90	29	32	4	24	25	173	387	15:50	TV F	anitary district.		Death Rate to Scale.	
51	7	16	3	83	25	43		17	33	238	472	20.21	04-	URAL	10	20 30 40	=
41	18	14	4	119	38	45	6	14	39	244	549	23-51	a Lau	nceston			
26	8	6	2	122	29	48	32 24	18	36	275	576	24.93	4 Bos	nelford			
19	3	15	3	74	39	33	13	15	27	181	421	18.03	6 List	Germans -			
28	2 2	12	3 7	51 24	36 25	27 29	6 3	25 22	15 20	174	364		o bt	Columb _			
46	2	7	19	34	32	30	1	21	19	146		0.0000000000000000000000000000000000000	II Tru	Austell			
62	1	14	29	18	24	31	3	15	21	176	341	14-70	13 Eas	t Kerrier	-		
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52	2	1		63	33	42	7	17	33	184		17:38	- W. W.	RBAN Inceston			
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92 75	*	12	5 2	112	28	50 32	4	28	37 25	198	387	19-14	es Tru	ro		-	
200		1		-			1		20	-10	701	10.00	23 Fal Pe Hol	mouth			
										1	6		25 St. 26 Per	zance			
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										1			- David	Austell		-	
		12										7 7 7 7 7	0 0-				
										100		1	31 Car	nborne			
													31 Car 32 Phi 33 Hay	llack			

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:—

Muchlarnick, Pelynt, Widegates, Morval, St. Pinnock, Hansbridge, St. Neot, and Wotheystone, St. Cleer. 7.—Diphtheria at Paynter's Cross, rysipelas at Trennant, Egloshayle; Scarlet fever at Lanhydrock, and Treslea Cross, Cardynham. 9.—1 case of Scarletina at Colan; I case of a Austell. 11.—Diphtheria at Merther, Tresillian, and St. Agnes; Scarlet fever at St. Agnes; Erysipelas at Probus, Kes and Kenwyn, jack, Sithney, Nancegollan, Crowan, and Breage Churchtown. 17.—Diphtheria in Westbourne Lane. 21.—Small-pox case occurred in Isolation ported previously. 30.—Diphtheria case occurred at Gordon, and Continued Fever case at Rose Row. 31.—Small-pox, 2 cases at North Parade a Row, and Middle Centenary Row; Scarlet fever at College Row, Trewithian, Wesley Street, Middle Centenary Row, and Beacon Hill, all of a Marys.

CLIMATOLOGICAL OBSERVATIONS IN CORNWALL.

During the Month of MARCH, 1896.

No. 31.

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

Stations run from North to South.

			The second secon	
	No. of Station.		-984000890138485778001384882	
WIND.	Prevailing Direction.		H. M. W. H. M. W. M. W. M. W. M. W. M. W. H. M. W. H. M. W. H. M. W. H. W. W. M. W.	
Sun.	Total Hours. Bright Sunshine.		: : : : : : : : : : : : : : : : : : : :	112
	.5681 gainst latoT	Totales		
100	Days on which Ilel snow no mi 10.0		82 : 8888888888888888888888888888888888	60
13	Greatest I Day.	Inches	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 62
LIL.	Height above sea.	700	446 1 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	210
RAINFALL	Ditto for like period 1895.		6.83 6.83	9-10
	Hatnia HatoT 1898		5. 17. 17. 18. 17. 17. 18. 18. 17. 17. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	5.62
	Ditto for like month, 1895.		28 : 4144 50 50 50 50 50 50 50 50 50 50 50 50 50	3-02
	Total during Month.	Inches	90 . 444 94 94 94 94 94 94 94 94 94 94 94 94	3.46
vel).	Relative Humidity		: \$: : 2 : : : : : : : : : : : : : : :	85
(Sea Level)	Bar. Lowest.		28 . 92 28	29.07
	Bar. Highest.		80.50 80.21 80.21 80.21 80.21 80.21 80.21 80.22 80.23	30.50
BAROMETER	Monthly Means. Corrected.		29.86 29.86 29.65 29.65 29.67 29.67 29.67 29.67 29.67	29-83
	Mesn Daily Range.		980 111.64 111.66 10.96 11.30	9 62
	Least Daily Range		:1 : \$: : \$. 1 x 2 2 2 · : : : 2 2 x : 2 2 : 2 : 2 : 2 2 : 2 2 : 2	2.7
heit).	Greatest Daily Bange.		25:0 25:0 25:0 25:0 25:0 25:0 25:0 25:0	18.4
hrenhe	Ditto for like month, 1895.		42.10 44.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00 45.00	42.58
TEMPERATURE (Fahren)	Mean Temp.		46.80 45.00 47.70 47.70 48.20 48.40 48.40 48.40 48.40 48.40 48.40 48.40 48.40 48.40 48.40 48.40	47.25
KRATI	Minimum Temp.		25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0	55-9 33-4
TEMP	Max. Temp.		6000 6000 6000 6000 6000 6000 6000 600	-
12	Mean Temp.	100	6:30 6:30 6:30 6:30 6:30 6:30 6:30 6:30	16.64
	Mean Temp. Dry Bulb.		48.00 48.00 48.00 48.40 48.40 48.40 48.50 48.90 48.90 48.90 48.90 48.90	48-33
1	OBSERVER.		SMr. J. Arthur Mr. S. Bensley Capt. Ching, R.N. Mr. W. T. Johnson Mr. S. W. Jenkin Preb. J. T. Every SDr. Hardwick Mr. W. Marchant Mr. W. Marchant Mr. W. Marchant Mr. W. Coode Mr. W. Coode Mr. W. Goode Mr. J. Opie Mr. J. Opie Mr. A. H. Jenkin Dr. Nicholls Canon Hockin Dr. Nicholls Canon Hockin Dr. Nicholls Canon Hockin Dr. J. A. Fox Mr. T. W. Field Dr. J. A. Fox Mr. B. Hopper Mr. T. W. Field Dr. J. A. Fox Mr. B. Schrift Rev. G. B. Hooper Mr. T. W. Field Dr. J. A. Fox Mr. Branwell, Jr. ISS Mr. S. Charlton Mr. B. Scharlton Mr. B. S. Charlton Mr. B. T. T. Macklin	
	Stations where the Observations were taken. (North to South)		POUGHILL BUDE TINTAGEL IAUNCESTON HENGSTON DOWN HENGSTON DOWN PENTLALE CASTLE LISKEARD LANHYDROCK NEWQUAY PLYMOUTH (Dev) OREMYLL MENABILLY ST. AUSTELL HELIGAN ST. AGNES PROBUS TRUBO (R.LC.). REDRUTH ST. IVES TRUBO (R.LC.). REDRUTH ST. IVES PROBUS TRUBO (R.LC.). REDRUTH ST. IVES ST. IVES ST. IVES PRILIAGK FALMOUTH (Ob.) ST. IVES ST. IVES MARAZION PENZANCE FALMOUTH (SEL) ST. IVES ST. IVES ST. IVES MARAZION PENZANCE ST. IVES MARAZION PENZANCE ST. IVES	COUNTY MEANS
	No. of Station.		18844888888888888888888888888888888888	44

Truro, April 16th, 1896.

27. -Returns incomplete, owing to absence of Observer. 18 .- A showery nonth. 21 .- Remarkably mild month.

(Signed) SILVANUS TREVAIL.