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*JOHN R. R. POLLOCK,*

*Medical Officer of Health,*

*Tiverton Rural District.*

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❖ **REPORT** ❖

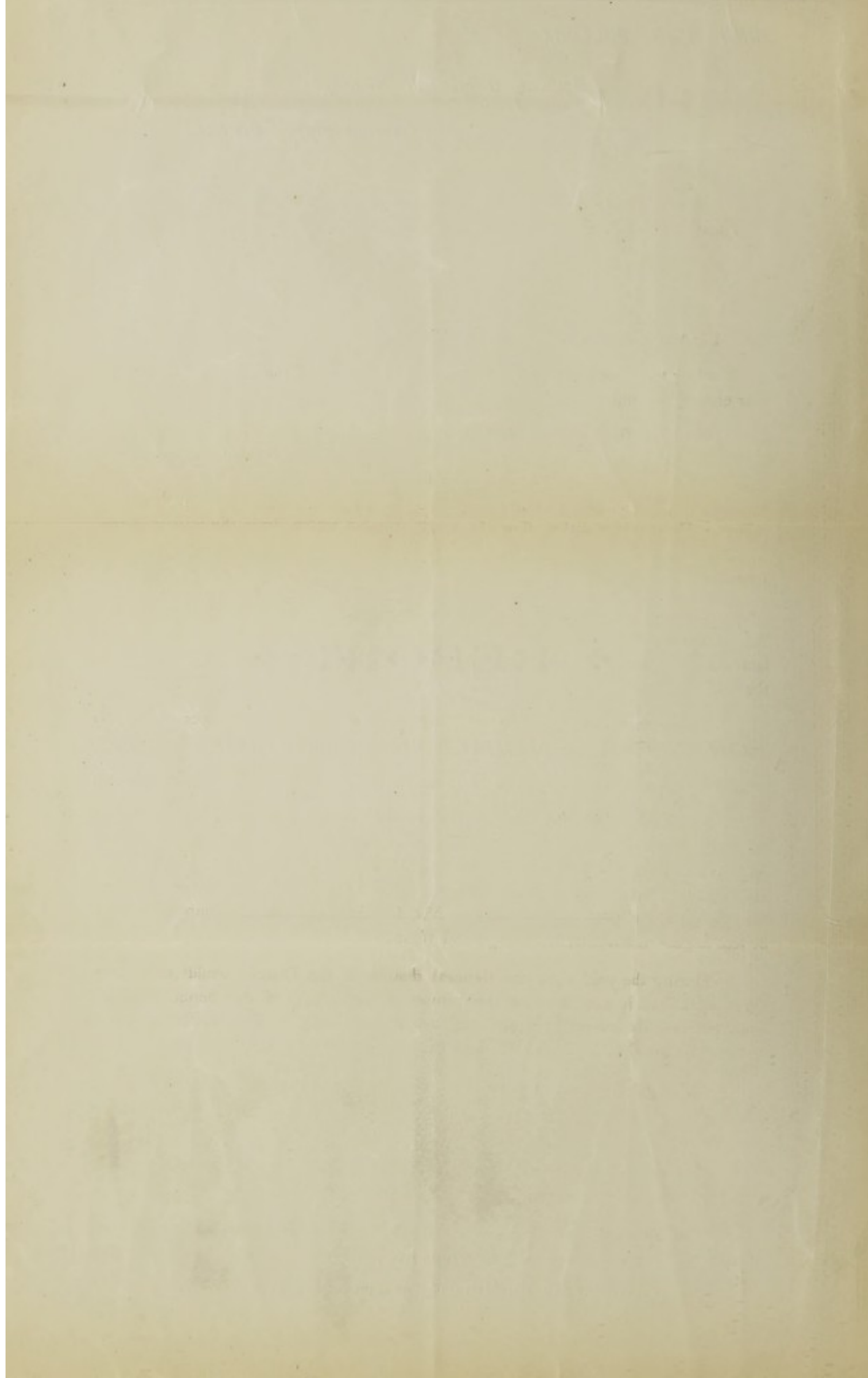
*FOR YEAR ENDING 31<sup>ST</sup> DECEMBER, 1905.*

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TIVERTON :

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TO THE  
TIVERTON RURAL DISTRICT COUNCIL.

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MR. CHAIRMAN AND GENTLEMEN,

I beg to lay before you my Report, on the Health of the District, during the year ending December 31st, 1905.

**Notes on the General Character of the District.**—The highest point in the District is nearly 900 feet above sea-level. This point is situated in the extreme East of the District, near the village of Blackborough. The rest of the District may be described as being of a rolling hilly nature, intersected by many deep-cut valleys. Down these vales, flow the small streams which drain the higher slopes, and become feeders to the Exe, the Lowman, and the Culm, the rivers of the District.

The necessary steps have been taken and successfully carried out, to prevent the pollution of the water, of any of these streams or rivers, by discharge from factories or otherwise. The factories here referred to are all situated on or near the banks of the river Culm.

They are as follows:—At Cullompton, one tannery, one paper mill, one woollen mill; at Hele, one paper mill; at Uffculme, one woollen mill.

The principal **Industries** of the District are Stock-raising and Dairy-farming.

The **Soil of the District** may be roughly classified as follows, according to the Parishes which go to form this District:—Clay—Clayhanger. Cadbury, Butterleigh, Huntsham, Oakford and Thorverton. Loam—Cadeleigh, Cruwys Morchard, Bickleigh, Silverton and Willand. Marle—Uffculme. Sandy—Kentisbeare, Sampford Peverell, and part of Thorverton. Mixed—Bradninch and Cullompton. More or less Light—Loxbeare, Stoodleigh and Washfield. Rich—Halberton.

During the year 1905, the **General Health** of the District would have been very good, had it not been for the number of cases (23) of diphtheria, reported from the neighbourhood of Bradninch, and the 38 cases of Scarlet Fever, which occurred in the Cullompton Division of the District.

Although the total number of 42 cases of Scarlet Fever reported from the whole District seems to be very high, still it is less by 71, than those reported during 1904.

The 1905 **Death-rate** of the District was 15.39 which is slightly higher than in 1904, in which year the Death-rate was 15 per 1,000.

The **Birth-rate** for the year is 21.38, showing a fall of 3.408 below the rate of 1904. No year, during the last ten years, has had so low a birth-rate as 1905. In 1895, the birth-rate was 5.65 per 1,000 greater than it is now.



The number of **Infectious Diseases**, notified during the year was only 82, as against 133 notified during 1904.

Of these Infectious Diseases cases, 42 were **Scarlet Fever**, 38 of which were in the Cullompton Division.

**Diphtheria** accounts for 29 notifications, 23 of these coming from Bradninch and neighbourhood. There was only one death from Scarlet Fever, but Diphtheria was the certified cause of six deaths, all of children between 5 and 15 years of age.

Other than Diphtheria and Scarlet Fever, there were only 11 cases of Infectious Diseases reported, 7 out of the 11 being **Erysipilas** cases, 2 were **Puerperal Fever** and 2 were **Enteric**.

In 1904, there were 18 deaths caused by **Tuberculosis**. In 1905, there were only 11 deaths from this cause, which shows a marked improvement. **Phthisis** claimed eight victims and "**Other Tubercular Diseases**" three more.

The year 1905, shows a much lower rate of **Infant Mortality** than 1904, the rate of the latter being 99.43 whereas the former is only 86.15. The actual number of deaths of children of one year and under, was 28. In 1895, there were 52 deaths of children under one year of age.

Out of the 28 deaths in 1905, six were caused by pneumonia, seven by premature birth, and eight from unclassified causes.

Unfortunately, during the past year, the public have not on any occasion taken advantage of the offer made by the District Council to properly disinfect the premises where a death has occurred from Phthisis

Various **Schools** of the District were closed on the following dates for the causes given below:—

SCHOOL.	DATE.	CAUSE.
Stoodleigh ...	May 29th—June 19th	Measles.
Cruwys Morchard ...	June 28th—one month	„
Templeton ...	July 18th—Aug. 1st	„
Cullompton ...	July 20th—one month	Scarlet Fever.
Sampford Peverell ...	Sept. 14th—three weeks	Measles.
Cullompton ...	Sept. 18th—one month	Scarlet Fever.
Sampford Peverell ...	Oct. 9th—two weeks	Measles.
Cullompton ...	Oct. 16th—two weeks	Scarlet Fever.
Uffculme ...	Oct. 16th—one month	Measles.
Cullompton ...	Oct. 30th—fourteen days	Scarlet Fever.
Halberton and Bradfield ...	Nov. 13th—three weeks	Measles.
Bradninch ...	Nov. 13th—three weeks	Diphtheria.
Huntsham ...	Dec. 5th—three weeks	Measles.
Bradninch ...	Dec. 8th—till after 'Xmas.	Diphtheria.
Hockworthy ...	Dec. 11th—one month	Measles.
Kentisbeare ...	Dec. 16th—till after 'Xmas.	Diphtheria.
Bickleigh ...	Dec. 19th—till after 'Xmas.	„

From the above Table it will be seen, that, in order to check the further spread of the epidemic of **Measles** in the Northern and Eastern portions of the District, it was deemed advisable to close the Schools on nine different occasions.



The **Bradninch** Schools were closed, almost continuously, from November 13th till the end of the year on account of the epidemic of **Diphtheria**, which occurred in or near the aforesaid town, during the months of November and December.

The prevalence of **Scarlet Fever** in **Cullompton** was the cause of the closing of the Schools in that town for eight weeks during the Autumn.

The most notable feature, during the year, in regard to Zymotic Diseases was the epidemic of Diphtheria at Bradninch.

The first case occurred on September 25th, and fresh cases were reported till 31st December. In all there were 19 cases, 12 of the patients being girls and the other seven cases, boys. As to the age of the children attacked by this disease, one of the girls was under five years of age, the other 11 being over five. Among the boy patients, two were under five years, one of the remaining boy cases being 19 years of age. Four of the 19 cases ended fatally. As the earlier cases, and indeed the majority of the cases were girls, who were attending the Schools, the cause of the disease was first sought for in the Girls' School. The drainage of the School itself, was found to be in good order, but, on opening the main sewer it was found to be in a bad condition, the sewer being of faulty construction, uncemented and leaking. It is impossible to say whether this had anything to do with the disease or not. The old sewer was removed, and properly relaid for a distance of 30 yards. No definite cause for the epidemic was discovered, although the faulty condition of the sewer, combined with the intermittent supply of water may have had a harmful effect.

Bradninch was not the only place where Diphtheria occurred, as cases were also reported from the parishes of Cullompton, Silverton, Kentisbeare and Oakford.

## HOUSES OF THE WORKING CLASSES.

Before any newly-built house can be occupied, a certificate of its fitness for habitation must be obtained from the Council, the said certificate only being granted on the recommendation of the Sanitary Inspector.

In some localities throughout the District, there is a great deficiency of Cottage Property, which of course tends to overcrowding. There is a great want of three-roomed cottages throughout the whole of the District.

## WATER SUPPLY.

In general, the water supply, during the past year, has been sufficient in most parts of the District.

The town of **Bradninch** is supplied with water from two closed reservoirs, which are fed by springs, and during nine months in the year, the supply is fairly constant, but during the remaining three months it is intermittent and very unsatisfactory, the higher parts of the town being short of their necessary supply of water.



The condition of both the sewers and water mains of Bradninch, is very far from satisfactory. The matter is now being taken in hand and it is hoped it will soon be remedied.

**Silverton.**—During the year there has been some shortness of water, which has caused a certain amount of discontent among a portion of the inhabitants, some of whom desired a new reservoir to be built. The matter has been referred to the County Council. An enquiry into the circumstances of the case was held on the spot by a Committee of the County Council, whose decision on the subject has not yet been made known.

The rest of the District depends upon wells for its water supply, which is generally sufficient for all requirements.

## SEWERAGE.

**Thorverton.**—The **Irrigation Meadow** now gives complete satisfaction.

**Uffculme.**—The **Broad Irrigation** system is working well.

**Silverton.**—The sewerage system of this town is working satisfactorily.

**Bradninch.**—On examination of some of the sewers, when they have had to be opened on various occasions, they were found to consist of common agricultural drain-pipe or of uncemented socket-pipe and were in a most unsatisfactory condition.

This question of the sewers, and also the condition of the water-mains, is now under the consideration of the Parish Council.

The Sanitary arrangements at the **Silverton Boys' School** are still in an unsatisfactory condition.

There is not any **Common Lodging House** in the District.

All the **Slaughterhouses, Bakehouses, Milk Shops, Factories** and **Workshops** in the District, have, upon inspection, been found to be clean and properly carried on.

There are not any **Offensive Trades** in the District.

## METHOD OF DEALING WITH NUISANCES.

The Sanitary Inspector visits, and advises the responsible persons as to the abatement of the nuisance. If his recommendations are not carried out, the matter is reported to the Council.

## METHODS OF DEALING WITH INFECTIOUS DISEASES.

The District, working in conjunction with the Town of Tiverton, maintains an **Isolation Hospital**, the results of which have been satisfactory. The number of cases of Infectious Disease, which were admitted to the Hospital from the District during the past year was 43. Four of these cases were Diphtheria and 39 were Scarlet Fever cases.

The **Food and Drugs Act** is under the charge of the Local Police Authorities.

**House to House Visitation** has been carried out in conjunction with the Sanitary Inspector, throughout the District.

### DISINFECTION.

The disinfection of infected premises has been effected by the Ligner's Disinfecting Apparatus, the disinfectant used being Formaldehyde.

All the **Factories** of the District have been provided with Fire Escapes in accordance with the **Factories and Workshops Act of 1901**.

### BIRTH AND DEATH RATES.

		1903.		1904.		1905.
Birth Rate	...	26.312	—	24.788	—	21.38
Death Rate	..	13.123	—	15.00	—	15.39
Infant Mortality	...	59.85	—	99.43	—	86.15
Zymotic Death Rate		.328	—	.658	—	1.118

*The Report of the Sanitary Inspector is attached hereto.*

I remain, Gentlemen,

Your obedient Servant,

**JOHN R. R. POLLOCK,**

M.O.H. TIVERTON RURAL DISTRICT.



TABLE 1.

## Vital Statistics of Whole District during 1905 and previous Years.

*Name of District:—TIVERTON RURAL DISTRICT.*

YEAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1000 Births registered	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	16051	434	27.03	52	119.80	264	16.44	..	..	1	256	16.50
1896	..	..	..	..	..	..	..	..	..	..	..	..
1897	15739	207	26.37	11	53.14	88	10.67	..	..	8	96	12.18
1898	15639	390	24.93	49	121.87	264	16.88	..	..	11	275	17.59
1899	15539	417	26.49	47	112.707	251	15.88	..	..	14	265	17.05
1900	15439	376	24.35	34	90.43	230	13.94	..	..	10	240	15.54
1901	15339	392	25.55	30	76.54	213	15.45	..	..	14	227	14.81
1902	15300	380	24.83	29	76.32	193	12.62	..	..	14	207	13.529
1903	15240	401	26.312	24	59.85	189	12.40	..	..	11	200	13.123
1904	15200	352	24.788	35	99.43	218	14.34	..	..	10	228	15.00
Averages for years 1898—1904	15385.1	386.85	25.32	35.4	91.02	222.5	14.50	..	..	12	234.55	15.23
1905	15200	325	21.38	28	86.15	227	14.93	..	..	7	234	15.39

\*Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table. (See below†)

Total population at all ages				..	15,339	} At Census of 1901.
Area of District in acres (exclusive of area covered by water)				..	82,000	
Number of inhabited houses				..	3,473	
Average number of persons per house					4.44	

† INSTITUTIONS OUTSIDE THE DISTRICT RECEIVING SICK AND INFIRM PERSONS FROM THE DISTRICT.

Tiverton Workhouse.

Tiverton Infirmary.

Isolation Hospital.

There is not any Union Workhouse within the District.



TABLE II.

Vital Statistics of separate Localities in 1905 and previous years.

*Name of District:*—TIVERTON RURAL DISTRICT.

NAMES OF LOCALITIES.	1.—BAMPTON.				2.—SILVERTON.				3.—CULLOMPTON.			
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	<i>a.</i>	<i>b.</i>	<i>c.</i>	<i>d.</i>	<i>a.</i>	<i>b.</i>	<i>c.</i>	<i>d.</i>	<i>a.</i>	<i>b.</i>	<i>c.</i>	<i>d.</i>
1895 ..	3779	88	49	8	4549	118	90	25	8526	228	125	29
1896 ..	..	..	..	..	..	..	..	..	..	..	..	..
1897 ..	3270	52	23	3	4058	47	25	2	8319	108	40	6
1898 ..	3250	90	35	8	4050	93	82	13	8319	217	147	28
1899 ..	3170	90	42	2	3520	122	78	23	8890	205	131	22
1900 ..	3140	76	39	2	2929	106	58	12	9340	186	133	20
1901 ..	3121	111	42	11	2706	95	53	6	9512	186	132	13
1902 ..	3108	115	31	4	2693	108	55	13	9499	157	111	13
1903 ..	3077	104	25	5	2663	101	79	12	9500	196	96	7
1904 ..	3070	74	43	5	2655	99	65	12	9475	179	120	18
Averages of Years 1898 to 1904	3133·71	94·28	36·71	5·28	3030·85	103·43	67·14	13	9219·28	189·43	124·28	17·28
1905 ..	3070	84	41	9	2655	88	64	4	9475	153	129	15

NOTES.—(a) The separate localities adopted for this table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district: and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns *c* of this table, and those of non-residents registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms "resident" and "non-resident.")

(c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.

(d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in Tables I. and IV.: thus, the totals of sub-columns *a*, *b*, and *c* should agree with the figures for the year in the columns 2, 3, and 12, respectively, of Table I.: the gross total of the sub-columns *c* should agree with the total of column 2 in Table IV., and the gross total of sub-columns *d* with the total of column 3 in Table IV.



TABLE III.

## Cases of Infectious Disease notified during the year 1905.

*Name of District:—TIVERTON RURAL DISTRICT.*

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.			NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.		
	At all Ages.	At Ages†—YEARS.					1	2	3	1	2	3
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.						
Small-pox ..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria ..	29	..	6	18	4	1	1	5	23	1	..	3
Membranous croup ..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ..	7	1	..	3	..	3	..	3	4	..	..	..
Scarlet fever ..	42	..	10	28	3	1	2	38	2	2	35	2
Typhus fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric fever ..	2	..	..	..	..	2	..	1	1	..	..	..
Relapsing fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Continued fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever ..	2	..	..	..	1	1	1	..	1	..	..	..
Plague ..	..	..	..	..	..	..	..	..	..	..	..	..
*	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	82	1	16	49	8	8	4	47	31	3	35	5

NOTES.—The localities adopted for this table should be the same as those in Tables II. and IV.

State in space below the name of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. The name of the authority by whom the hospital is provided should also be given. Mark (W) the locality in which a workhouse is situated.

\*This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.

†These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital:—Tiverton Joint Isolation Hospital, Tiverton Borough.

TABLE IV.

Causes of, and Ages at, Death during Year 1905.

*Name of District:*—TIVERTON RURAL DISTRICT.

(See Notes at Back).

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS IN OR BELONG- ING TO LOCALITIES (AT ALL AGES).			TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	Bampton.	Cullompton	Silverton.	
1	2	3	4	5	6	7	8	9	10	11	12
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	1	..	1	..	..	..	..	1	..	..	..
Scarlet fever .. ..	1	..	1	..	..	..	..	..	1	..	..
Whooping-cough .. ..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and mem- branous croup }	6	..	1	5	..	..	..	..	2	4	..
Croup .. ..	3	1	1	1	..	..	..	..	..	3	..
Typhus .. ..	..	..	..	..	..	..	..	..	..	..	..
Fever Enteric .. ..	1	..	..	..	..	1	..	..	..	1	..
Other continued .. ..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza ..	13	1	1	..	..	5	6	2	3	8	..
Cholera .. ..	..	..	..	..	..	..	..	..	..	..	..
Plague .. ..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea. (See notes at back) .. ..	1	..	..	..	..	1	..	..	..	1	..
Enteritis. (See notes at back) .. ..	3	2	..	..	..	..	1	..	3	1	..
Puerperal fever. (See notes at back) .. ..	1	..	..	..	..	1	..	1	..	..	..
Erysipelas .. ..	1	1	..	..	..	..	..	..	..	1	..
Other septic diseases ..	3	..	..	1	1	1	..	..	3	..	..
Phthisis (Pulmonary Tuberculosis) }	8	..	..	..	1	7	..	2	4	2	..
Other tubercular diseases	3	..	..	1	1	1	..	1	2	..	..
Cancer, malignant disease. (See notes at back) .. ..	5	..	..	..	..	..	5	1	4	..	..
Bronchitis .. ..	13	..	1	..	..	1	11	3	7	3	..
Pneumonia .. ..	22	6	8	2	..	3	3	5	14	3	..
Pleurisy .. ..	..	..	..	..	..	..	..	..	..	..	..
Other diseases of Res- piratory organs }	..	..	..	..	..	..	..	..	..	..	..
Alcoholism Cirrhosis of liver }	4	..	..	..	..	3	1	..	2	2	..
Venereal diseases ..	1	..	..	..	..	1	..	..	1	..	..
Premature birth .. ..	7	7	..	..	..	..	..	3	4	..	..
Diseases and accidents of parturition }	6	..	..	..	1	5	..	1	5	..	..
Heart diseases .. ..	33	1	1	..	2	12	17	4	17	12	..
Accidents .. ..	4	1	1	..	..	2	..	1	3	..	..
Suicides .. ..	2	..	..	..	..	2	..	1	1	..	..
All other causes .. ..	92	8	2	5	3	19	55	15	54	23	..
All causes .. ..	234	28	18	15	9	65	99	41	129	64	..



NOTES.—(a) In this Table all deaths of "Residents" occurring in public institutions, whether within or without the district, are to be *included* with the other deaths in the columns for the several age groups (columns 2-8). They are also, in columns 9-15, to be *included* among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-residents" occurring in public institutions in the district are in like manner to be *excluded* from columns 2-8 and 9-15 of this Table.

(b) See notes on Table I. as to the meaning of "Residents" and "Non-residents," and as to the "Public Institutions" to be taken into account for the purposes of these Tables. The "Localities" should be the same as those in Tables II. and III.

(c) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-residents," are, in addition to being dealt with as in note (a), to be entered in the last column of this Table. The total number in this column should equal the figures for the year in column 9, Table I.

(d) The total deaths in the several "Localities" in columns 9-15 of this Table should equal those for the year in the same localities in Table II., sub-columns c. The total deaths at all ages in column 2 of this Table should equal the gross total of columns 9-15, and the figures for the year in column 12 of Table I.

(e) Under the heading of "Diarrhœa" are to be included deaths certified as from diarrhœa, alone or in combination with some other cause of ill-defined nature; and also deaths certified as from

Epidemic enteritis;  
Zymotic enteritis;  
Epidemic diarrhœa. Summer diarrhœa;  
Dysentery and dysenteric diarrhœa;  
Choleraic diarrhœa, cholera, cholera nostras  
(in the absence of Asiatic cholera).

Under the heading of "Enteritis" are to be included those certified as from Gastro-enteritis, Muco-enteritis, and Gastric catarrh, unless from information obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term "Diarrhœa." Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.

Under the headings of "Cancer" and "Puerperal fever" should be included all registered deaths from causes comprised within these general terms.

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In recording the facts under the various headings of Tables I., II., III. and IV., attention has been given to the notes on the Tables.

JOHN R. R. POLLOCK, *Medical Officer of Health.*

February 14th, 1906.





# **FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.**

## **1.—INSPECTION.**

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
<b>Factories</b> .. .. . (Including Factory Laundries)	All these places have been regularly inspected.	None.	None.
<b>Workshops</b> .. .. . (Including Workshop Laundries)			
<b>Workplaces</b> .. .. .			
<b>Homeworkers' Premises</b> .. .. .			
<b>TOTAL</b> .. .. .			

## **2.—DEFECTS FOUND.**

Particulars.	Number of Defects.			Number of Prosecutions		
	Found.	Remedied.	Referred to H.M. Inspector.			
<i>Nuisances under the Public Health Acts :—*</i>						
Want of cleanliness .. .. .	None	—	None.	None.		
Want of ventilation .. .. .	„	—				
Overcrowding! .. .. .	„	—				
Want of drainage of floors .. .. .	One	Yes				
Other nuisances .. .. .	None	—				
†Sanitary accommodation {	insufficient .. .. .	Section adopted.			—	
	unsuitable or defective..	None			—	
	not separate for sexes ..	Accommodation satisfactory.			—	
<i>Offences under the Factory and Workshop Act :—</i>						
Illegal occupation of underground bakehouse (s. 101)	None	—			None.	None.
Breach of special sanitary requirements for bake-houses (ss. 97 to 100) .. .. .	„	—				
Failure as regards lists of outworkers (s. 107) .. .. .	„	—				
Giving out work to be done in {	unwholesome (s. 108)	„	—			
	premises which are { infected (s. 110) ..	„	—			
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (s. 109) ..	„	—				
Other offences .. .. .	„	—				
Total .. .. .	One	One				

\*Including those specified in sections 2, 3, 7 and 8, of the Factory Act as remediable under the Public Health Acts.

†For districts not in London, state here whether section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and if so what standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.

### 3.—OTHER MATTERS.

Class.										Number.	
Matters notified to H.M. Inspectors of Factories :—											
Failure to affix Abstract of the Factory and Workshop Act (s. 133) .. .. .										One	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (s. 5) {										Notified by H.M. Inspectors ..	
										Reports (of action taken) sent to H.M. Inspectors. ..	
Other .. .. .										None	
Underground Bakehouses (s. 101) :—											
Certificates granted during the year .. .. .										None	
In use at the end of the year .. .. .										None	
Homework :—										Number of	
Lists of Outworkers* (s. 107) :—										Lists. Outworkers.	
Lists received .. .. .										1 10 (about)	
Addresses of outworkers .. {										forwarded to other Authorities .. .. . None	
										received from other Authorities.. .. . None	
Homework in unwholesome or infected premises :—										Wearing Apparel : Other.	
Notices prohibiting homework in unwholesome premises (s. 108) .. .. .										None	
Cases of infectious disease notified in homeworkers' premises .. .. .										None	
Orders prohibiting homework in infected premises (s. 110) .. .. .										None	
Workshops on the Register (s. 131) at the end of the year .. .. .											
<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); margin-right: 10px;"> Imported classes of work-shops, such as workshop bakehouses, may be enumerated here. </div> <div style="font-size: 4em; margin-right: 10px;">}</div> <div></div> </div>											
Total number of workshops on Register .. .. .										171	



# SANITARY INSPECTOR'S ANNUAL REPORT

For the Year ending December 31st, 1905.

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TO THE TIVERTON RURAL DISTRICT COUNCIL.

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GENTLEMEN,

I beg to submit the following Summary of the Sanitary Work carried out during the past year.

## SEWERAGE, DRAINAGE, &c.

BRADNINCH.—Section of sewer adjoining the Girls' School taken up and relaid. Manhole constructed.

The sewers generally are defective, consisting partly of agricultural pipes, and socket pipes not jointed.

*White Lion Hotel*.—Alteration of drains, new gulley traps, &c.

*Castle Hotel*.—New gulley traps.

*Cottages, Hele Road*.—New drainage.

BUTTERLEIGH.—New closet at Fillbrook Farm.

CULLOMPTON.—Closed sewage tank constructed in Batten's Meadow.

*Middle Mill Lane*.—Storm overflow to sewer.

*Axle Works*.—New drainage, closet and urinal built.

*Dolphin Inn*.—New drainage to stables.

*Half Moon Inn*.—New drainage, two water closets and urinal built.

*White Hart Hotel*.—New closet, lavatories, &c.

*King's Head Inn*.—New drainage, closet and urinal.

*Railway Hotel*.—Screen constructed to lavatories.

*The Retreat*.—Alteration and ventilation of drains.

*East View*.—Reconstruction of drains, closets, &c.

*Pound Square*.—New closet and drainage.

CRUWYS MORCHARD.—*Rectory*.—New drainage.

HALBERTON.—*Townsend House*.—New drainage, two new closets.

*Rowridge Barton*.—New drainage, two new closets.

*Remberton Barton*.—New drainage, two new closets.

KENTISBEARE.—*Sowell Dairy*.—Extension of drain to meadow.

*Schools*.—Alteration of drains.

*Cottages at Sainthill*.—New privy.

OAKFORD.—*Bell's Dairy*.—New privy.

*Milton Cottage*.—New slop water drains.

SILVERTON.—*Inn, Fore Street*.—New drainage, urinal, &c.

*Rawle's Dairy*.—New drainage and closet.

*Penstone Farm*.—Drains re-laid.

*Dr. Jones'*.—New drainage, two new closets.

THORVERTON.—*Sewerage Outfall*.—The tank filters, &c., have been working fairly satisfactory during the past year.

WASHFIELD.—*Harpbridge Farm*.—New drainage.

*Harpbridge Cottages*.—New drainage.

WILLAND.—*Prospect Villa*.—New drainage, and closed sewage tank at outfall in meadow.

UFFCULME.—Two manholes constructed to sewers in Fore Street and the Rackfield.

*Commercial Hotel*.—New drains and offices.

*Mr. Crease, Plumber*.—New drains and closet.

*Hyde Park*.—New drainage, two new closets.

*Sunday School*.—New drainage and closet.

*Mr. Curwood, Fore Street*.—New drainage and closet.

*Ashill*.—The sewer has been extended as recommended last year.

*Summer's Cottage*.—New drains and closet.

## WATER SUPPLY.

Two villages only have a public supply, BRADNINCH and SILVERTON; the rest of the district being supplied by shallow wells, pumps, and overflowing springs discharging through a shute or pipe.

These supplies are fairly wholesome, the springs are however sometimes discoloured during heavy rains.

At BRADNINCH, the distributing mains are old and defective, many of the house services are not controlled by stop-cocks, causing both waste and inconvenience.

The supply during the past year has been intermittent.

SILVERTON has a fair supply of water, the springs are tapped however at a low elevation, cottages at the higher part of the village are not commanded by the mains, and the occupiers have to fetch their water from some distance. During the past summer there has sometimes been a slight deficiency.

It would be advisable to put self-closing taps on the public stand-pipes, as the taps are sometimes left running.

The improvement of the supply is under consideration.

No private supplies are granted.

New wells have been sunk at UFFCULME and UPLOWMAN.

## WATER ANALYSIS.

Eleven samples have been taken during the year, four of which were found unfit for use; these cases have been dealt with, and are now satisfactory.



## BAKEHOUSES.

These number twenty-eight, none of which are underground. They are as a rule kept in good condition; any notices I have found necessary to issue, have speedily been complied with.

At UFFCULME, an old bakehouse has been closed and a new one built, fitted with the latest improvements.

## SLAUGHTERHOUSES.

These number twenty-two; they have been regularly inspected, and are kept in fair condition; whitewashing being carried out in accordance with the Act.

## DAIRIES.

Generally clean, and in fair condition, but in some cases used as larder.

## HOUSE INSPECTION.

This has been carried out by the Medical Officer and myself. We find a difficulty in inculcating habits of cleanliness amongst some of the cottagers, but we can on the whole report progress in this respect.

## OVERCROWDING.

No cases have been reported during the year.

## PIGSTIES.

Several adjoining Dwelling-houses have been removed.

## COMMON LODGING-HOUSES.

There are none in the District.

## SCHOOLS.

These are fairly satisfactory throughout; various alterations are however required under the new Act.

At BICKLEIGH, new trough closets, urinal, &c., with automatic flushing, and new drainage works have been constructed.

CULLOMPTON.—New class room, cloak room, manual room, lavatory, &c., have been built and various other works carried out.

CLAYHANGER.—New drainage and offices.

UFFCULME.—Various alterations and improvements; new sanitary offices and drainage are contemplated.

SILVERTON BOYS' SCHOOL.—Sanitary offices require re-construction.

## FACTORIES AND WORKSHOPS.

A considerable extension has been made to Messrs. Fox Bros. Mill at CULLOMPTON.

Sanitary arrangements are fairly satisfactory in the various factories throughout the district, and suitable means of escape provided in case of fire.

## WORKROOMS.

I find these kept in good condition, there is no overcrowding and ventilation is satisfactory.

## OUT-WORKERS.

Messrs. Heathcoat & Co., Lace Manufacturers, are the only employers of Out-workers in the District, this is in connection with their Lace Mending Rooms at CULLOMPTON.

The average number employed for the year has been 10.5.

I have visited each of their homes, and found them kept clean and in satisfactory condition. In one or two instances it was found necessary to stop issuing work on account of infectious disease.

## CERTIFICATES OF WATER SUPPLY.

One only has been granted during the past year, viz., a new house at UFFCULME.

## INFECTIOUS DISEASES.

A good many cases have occurred during the year, chiefly Scarlet Fever and Diphtheria. The spread of the disease has probably been caused by the mildness of the disorder, hence cases escaped notification.

I have seen disinfection properly carried out both in Dwelling-houses and Schools.

## SCAVENGING.

This is carried out in a fairly satisfactory manner.

At CULLOMPTON, house refuse in the main streets is removed daily.

## FIRE BRIGADES AND APPLIANCES.

There are five Brigades and Engines in the District, as under :—

BRADNINCH.—Manual Engine and Appliances. Efficient.

CULLOMPTON.—Two Manuals and Appliances. Efficient.

SILVERTON.—Manual and Appliances. Efficient.

SAMPFORD PEVERELL.—Small Manual and Appliances. Antiquated, but capable of doing useful work.

I have no record of the number of fires that have occurred during the year.

I remain, Gentlemen,

Yours obediently,

**ROBERT ELLIS,**

SANITARY INSPECTOR.



OUT-LOOK

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