

**[Report 1913] / Medical Officer of Health, Stratford-upon-Avon U.D.C. / Borough.**

**Contributors**

Stratford-upon-Avon (England). Urban District Council.

**Publication/Creation**

1913

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1913.

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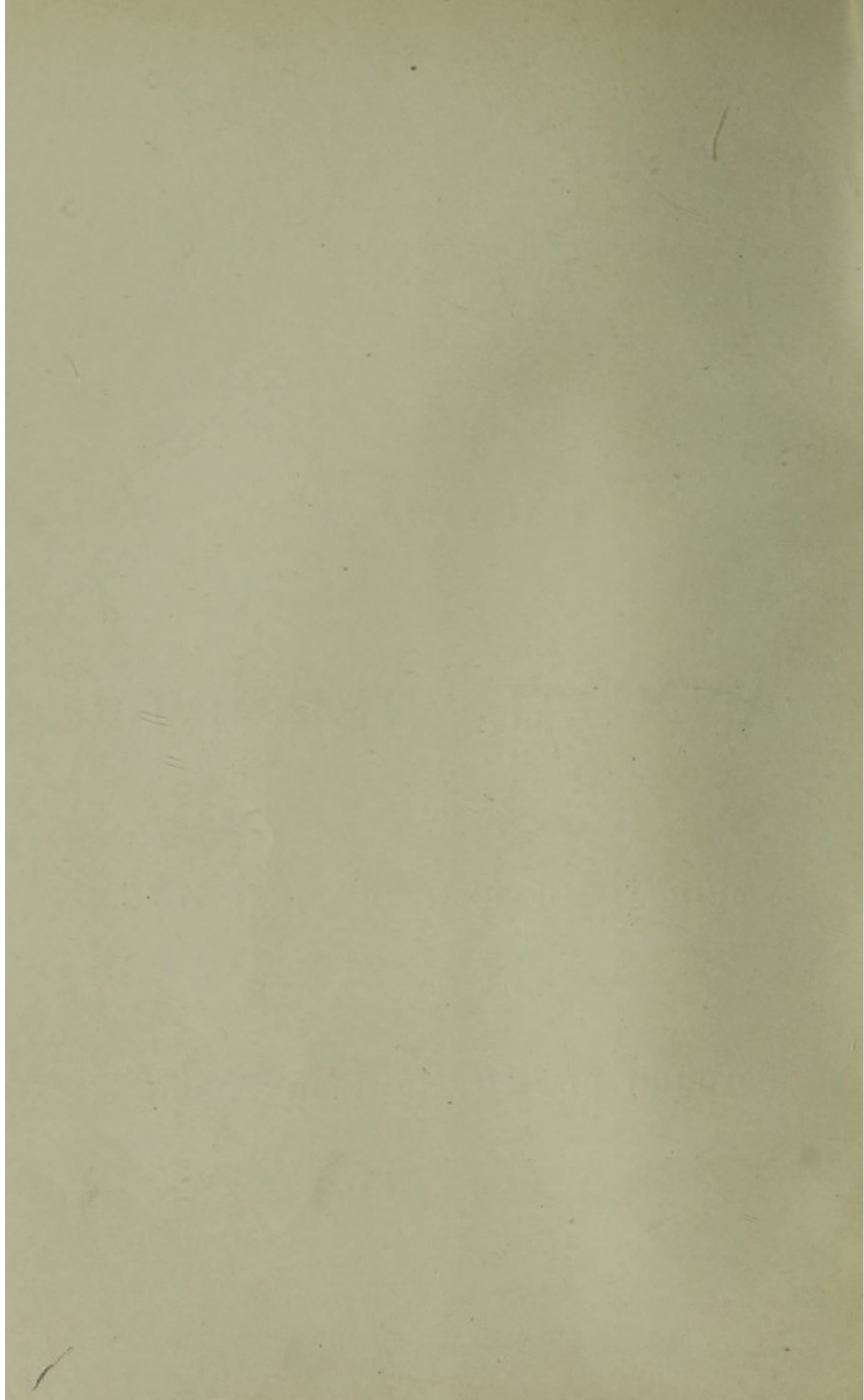
# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

**Borough of Stratford-on-Avon.**



*Borough of Stratford-upon-Avon.*

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH  
(1913).

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TO THE MAYOR, ALDERMEN, AND COUNCILLORS  
OF THE BOROUGH.

MR. MAYOR AND GENTLEMEN,

The following, which I have the honour to submit, is my Report on the Health of the Borough for the past year.

The Vital Statistics given are based on an assumed population of 8582. At the last census (in 1911) the population was estimated as being 8532 and since then it is reasonable to suppose that the increase annually which occurred between 1901 and 1911 is continuing.

The Death-rate for 1913 is 13·8 per 1000 of the population.

The Infantile Death-rate is 40·4 per 1000 Births registered.

The Birth-rate is 20·1 per 1000.

The Death-rate from Infective Diseases (other than Tuberculosis) is extremely low, as a reference to Table III will demonstrate.



## PREVALENCE OF AND CONTROL OVER ACUTE INFECTIOUS DISEASE.

SCARLET FEVER.—There were 20 cases notified, 18 of which were sent to Hospital. The incidence of the disease was widely spread over the town as follows.

Clopton Lane	...	...	1
Evesham Road	...	...	1
Evesham Place	...	...	1
Ely Street	...	...	2
Great William Street	...	...	1
Guild Street	...	...	2
Old Town	...	...	2
Ryland Street	...	...	1
Shakespeare Street	...	...	2
Shottery	...	...	1
Shottery Road	...	...	2
Southern Lane	...	...	3
Mulberry Street	...	...	1

While it is satisfactory to have 18 out of 20 cases of Scarlet Fever sent to Hospital it is practically never satisfactory to have any cases of this disease nursed at home, as methods of isolation in private houses are inadequate and however rigorously observed at the onset of the trouble, invariably are relaxed as time goes on and before the possibility of transmitting infection is over.

DIPHTHERIA.—Six cases were notified, one ending fatally when nursed at home. Two cases notified were doubtfully diphtheritic, but were sent to Hospital to await results.

The cases notified were situated as follows—

Percy Street	...	...	1
Shottery Road	...	...	1
Sanctus Road	...	...	1
Bull Street	...	...	1
Shipston Road	...	...	1
Birmingham Road	...	...	1

Five of the six cases were sent to Hospital and in all cases the premises occupied were visited and disinfected.

ENTERIC FEVER.—One case was notified. The premises occupied were found to have defective drainage, which was remedied.

# BOROUGH OF STRATFORD-UPON-AVON.

## Section 17 of the Housing Act 1909.

Number of Houses Inspected for purposes of Section 17 of Act 1909.	Number of Houses not in all respects reasonably fit for habitation.	Number of Representations made to Local Authority with a view to making Closing Orders.	Number of Closing Orders made.	Number of Dwelling Houses the defects in which were remedied without the making of Closing Orders.	Number of Dwelling Houses which after the making of Closing Orders were put into a fit state for human habitation and general character of defects.
90	84	1	1	52 Remainder either in progress or in hand.	



## MEAT INSPECTION.

It will be noted that in the past year the Summary of work done by the Inspector of Nuisances mentions seizures of unwholesome food. It has not been necessary in the year on account of any dispute over the condition of food to call in the advice of a Veterinary Surgeon, a line of action you adopted recently, on my advice, in case of non-agreement of opinion between an owner and myself or Mr. Ainley. In a recent case it seemed obviously a hardship to have the carcass of a beast condemned, apparently healthy before slaughtering.

## HOUSING OF THE WORKING CLASSES.

As a reference to the appended statement shows, the Inspection of Houses for the purposes of Section 17 of the Housing Act, 1909, is being energetically carried out. There is good evidence that further building by the Town Council of working-men's dwellings as carried out in 1912 would fill a want and afford opportunity of dealing with any overcrowding, and I understand that a proposal to erect a considerable number will shortly come before your Council. As there are a considerable number of men in the Borough skilled in gardening it might be worth consideration to erect any new cottages adjoining allotment ground so as to allow the tenants opportunity of carrying on more cultivation than a small garden affords. Such matters of course have to be regulated by the demand for such an arrangement and by the possibility of suitable sites. Also it will be a point to avoid over economy in massing labourers dwellings too close to each other in mathematical squares intersected by narrow roads. It is noticeable, even up at the small colony in the Birmingham Road that an open space for the joint use of the children there would be useful.

## WATER SUPPLY.

During the past year I have visited, in company with your Waterworks Committee, several towns where systems of



water purification other than sand-filtration beds are in active operation. The object in view being to ascertain if a system of water purification was available which was suitable for the purpose of improving the Stratford-on-Avon Public Water Supply. The Stratford Water Supply from the mains is the rainfall on the upland agricultural ground, nearly all grazing ground. There are several farm houses and several cottages and one residential house. The soil is clay and, apart from evaporation, the rainfall goes direct to the reservoir.

Your Waterworks Committee has recently adopted the painstaking method of regular periodic visits to the gathering ground, and I do not think I am traversing their joint opinion if I say that the whole subject of ensuring a safe water supply to the town lies in providing that no waste water or soakage from inhabited dwellings and farm buildings has access to the reservoir. With this in view a scheme has been brought forward to sewer all these to a point outside the gathering ground. An alternative scheme of doing away entirely with habitable and farm buildings in the area seems impracticable. I am by no means sure that it is not the wiser course, for farming in any real sense of the word means manuring of the fields and consequent washing to some extent of the manure constituents into the watercourses. At the same time, the farming that is actually carried out on this particular gathering ground can do comparatively little to pollute the water if the scheme I have first mentioned is carried out.

As to the adoption of a system of water purification by mechanical filters with or without the addition of chemicals, there is little question that the Borough Water Supply would be benefitted by this. At times the water has a discolouration after passing through sand filters and is somewhat cloudy, and these conditions, which I have no reason to consider in any way injurious to health, are naturally unsatisfactory to the consumers. Apart from these occasional conditions the



Borough Water Supply is to be considered as decidedly satisfactory as regards its source and also from the results obtained by Analysis. When Bacteriologically examined as has been done in the past year it gave no evidence of containing germ life considered unsatisfactory in drinking water other than the presence in small degree of the *Bacillus Coli*. These last, in the bacteriologist's opinion, might be of bovine origin and presumably were so, as the gathering area is used for grazing purposes. To conclude, it must be held that if the dwellings, etc., on the gathering ground are sewered as suggested, and the water mechanically filtered after passing through sand filters, a degree of purity of water and of safety to its consumers should be ensured far beyond the results obtainable in many centres of population where, with waters known to be dangerous in their crude state, filtration similar to what we are about to adopt is considered sufficient safeguard.

All cases of Enteric Fever in the Borough in recent years have been traceable to causation quite apart from the use of water from the mains and happily Enteric Fever from any cause is of rare occurrence in the town.

### TUBERCULOSIS.

The requirements of "The Public Health (Tuberculosis) Regulations, 1912," have got into fair working order in the Borough in the past year, and the Local Committee dealing with cases of Tuberculosis under the provisions of the National Insurance Act meet regularly for the consideration of cases brought before them.

The whole matter of dealing with Tubercular cases is an extremely complex one; the patient to be dealt with frequently being the bread winner of the family is one of the chief obstacles met with in coping with the difficulty.

There are now four phthisical cases in the Borough using out-door shelters, all of these but one being erected in airy open spaces. One is fixed in a garden in the middle of the



town, not a desirable site, but unavoidable on account of the necessity of it being his home.

Of the 23 cases of Tubercular Disease notified, seven were domiciled in the Union Infirmary, where there are open-air rooms available for suitable cases.

Fourteen cases out of twenty-three were aged under 30 and therefore of ages hopeful for remedial conditions.

There is no question that the Crusade against Tuberculosis is going to effect a diminution in the number of cases occurring in the District as elsewhere, and as time goes on the way will be seen clearer to have continuous efficient care of sufferers from the disease. By 'continuous' I refer to efficient housing and feeding of invalids treated at their homes.

#### SCAVENGING, CLEANLINESS OF OUT-DOOR PREMISES AND HOUSE SURROUNDINGS.

The house to house scavenging as carried out by the Corporation leaves little to be desired, but greater provision of covered receptacles for household refuse would assist in preventing the spread of disease by means of flies. These filth bearers exist in exact ratio as food supply and breeding grounds for them exist. Also I continually note when accompanying your Sanitary Inspector in his tours of inspection the large number of neglected looking semi derelict areas in the rear of property which from the street aspect seems tidy and well cared for. While actual cleaning up of garden ground and whitewashing of out-buildings is often beyond the demand a Sanitary Official can make, it is not of place here to remark on the matter.

I am,

Your obedient servant,

ARTHUR THOMSON

Medical Officer of Health.





TABLE II.

BOROUGH OF STRATFORD-UPON-AVON.  
Cases of Infectious Disease notified during the year 1913.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							TOTAL CASES NOTIFIED IN EACH LOCALITY. (e. g. Parish or Ward) of the District.													
	At all Ages.	At Ages—Years.																			TOTAL CASES REMOVED TO HOSPITAL
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65														
Smallpox .. ..																					5
Cholera .. ..																					0
Diphtheria (including Membranous Croup) ..	6		3	1		2															18
Erysipelas .. ..	1					1															0
Scarlet fever .. ..	20	5	14	1																	18
Typhus fever .. ..																					
Enteric fever .. ..	1					1															0
Relapsing fever .. ..																					
Continued fever .. ..																					
Puerperal fever .. ..																					
Cerebro-spinal Meningitis																					
Poliomyelitis .. ..																					
Pulmonary Tuberculosis	18		2	6		5															
Other forms of Tuberculosis	5	2	2			1															
TOTALS .. ..	51	7	21	8	10	3	2														23

Isolation Hospitals:—Joint (Infectious) Hospital, Joint (Smallpox) Hospital, Stratford-on-Avon.



Causes of, and Ages at Death during the Year 1913.

[illegible]

TABLE IV.

## BOROUGH OF STRATFORD-UPON-AVON.

Infant Mortality during the year 1913.

Net deaths from stated causes at various ages under  
one year of age.

CAUSES OF DEATH.				Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total deaths under 1 year.
All Causes	Certified	..	..	3	..	..	1	4	2	1	..	..	7
	Uncertified	..	..	..	..	..	..	..	..	..	..	..	..
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping-Cough	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis (b)	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous)	..	..	..	..	..	..	..	..	..	..	..	..	..
Convulsions	..	..	..	..	..	..	..	1	..	..	..	..	1
Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis	..	..	..	..	..	..	..	1	..	..	..	..	1
Pneumonia (all forms)	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis	..	..	..	..	..	..	..	..	..	1	..	..	1
Gastritis	..	..	..	..	..	..	..	..	..	..	..	..	..
Syphilis	..	..	..	1	..	..	..	1	..	..	..	..	1
Rickets	..	..	..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying	..	..	..	..	..	..	..	..	..	..	..	..	..
Injury at birth	..	..	..	..	..	..	..	..	..	..	..	..	..
Atelectasis	..	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Malformations (c)	..	..	..	1	..	..	..	1	..	..	..	..	1
Premature birth	..	..	..	1	..	..	..	1	..	..	..	..	1
Atrophy, Debility and Marasmus	..	..	..	..	..	..	1	1	..	..	..	..	1
Other Causes	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	3	..	..	1	4	2	..	1	..	7

Nett Deaths in the year:—Legitimate, 5; Illegitimate, 2.

Nett Births in the year:—Legitimate, 163; Illegitimate, 10.



## BOROUGH OF STRATFORD-UPON-AVON.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the year 1913 in the Urban Sanitary District of Stratford-upon-Avon.

SANITARY WORK.				Inspections and Observations made	Formal Notice by Authority	Informal Notice by Authority	Nuisance abated after Notice		
Dwelling Houses and Schools	{	Foul Conditions	.. ..	13	..	13	12		
		Structural Defects	.. ..	139	9	139	118		
		Overcrowding	.. ..	6	..	6	6		
		Unfit for Habitation	.. ..	1	1	..	..		
		Lodging Houses	.. ..	12	..	1	1		
		Dairies and Milkshops	.. ..	14	..	1	1		
		Cowsheds	.. ..	71	..	9	9		
		Bakehouses	.. ..	58	..	5	5		
		Slaughter Houses	.. ..	254	..	11	11		
		Canal Boats	.. ..	10	..	..	..		
		Ashpits and Privies	.. ..	8	..	8	8		
		Deposits of Refuse and Manure	.. ..	8	..	8	8		
House Drainage	{	Water-Closets	.. ..	99	1	43	33		
		Defective Traps	.. ..	15	..	15	14		
		No Disconnection	.. ..	..	..	..	..		
		Other Faults	.. ..	52	1	52	49		
		Water Supply	.. ..	26	..	23	18		
		Pigsties	.. ..	7	..	6	6		
		Animals improperly kept	.. ..	..	..	..	..		
		Offensive Trades	.. ..	7	..	6	6		
		Smoke Nuisances	.. ..	..	..	..	..		
		Other Nuisances	.. ..	9	..	9	8		
		Totals			.. ..	809	12	355	313
		Seizures of Unwholesome food				.. ..	12	1342 lbs. and 12 Rabbits	
Samples of Food taken for Analysis				.. ..	7				
Ditto of Food found adulterated				.. ..	1				
Ditto of Water taken for Analysis				.. ..	26				
Ditto of Water condemned as unfit for use				.. ..	24				
PRECAUTIONS AGAINST INFECTIOUS DISEASE.									
Lots of Infected Bedding stove or destroyed				.. ..	28				
Houses Disinfected after Infectious Disease				.. ..	40				

A. AINLEY,  
Inspector of Nuisances.

## BOROUGH OF STRATFORD-UPON-AVON.

## Inspection of Factories, Workshops and Workplaces.

**1.—Inspection.**

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspec- tions. (2)	Written Notices. (3)	Prosecu- tions. (4)
FACTORIES .. .. . (Including Factory Laundries)	3	..	..
WORKSHOPS .. .. . (Including Workshop Laundries)	145	2	..
WORKPLACES .. .. . (Other than Outworkers' premises included in Part 3 of this Report)	..	..	..
Total .. .. .	148	2	..

**2.—Defects Found.**

Particulars. (1)	Number of Defects.			
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	Number of Prosecutions. (5)
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness .. .. .	5	5	..	..
Want of ventilation .. .. .	3	2	..	..
Overcrowding .. .. .	..	..	..	..
Want of drainage of floors .. .. .	..	..	..	..
Other nuisances .. .. .	..	..	..	..
Sanitary accommodation { insufficient .. .. .	1	..	..	..
{ unsuitable or defective .. .. .	1	1	..	..
{ not separate for sexes .. .. .	1	1	..	..
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse .. .. .	..	..	..	..
Breach of special sanitary requirements for bake- houses .. .. .	5	5	..	..
Other Offences .. .. . (Excluding offences relating to outwork which are included in Part 3 of this Report)	..	..	..	..
Total .. .. .	16	14	—	—



**3.—Home Work.**

Outworkers List, Section 107.

Nature of Work.  (1)	Lists received from Employers.					
	Twice in the year			Once in the year		
	Lists	Outw'kers		Lists	Outw'kers	
		Con-tractors	Work-men		Con-tractors	Work-men
Wearing Apparel—						
making, &c. ... ..	12	—	22			
cleaning and washing ...						
Household Linen ... ..						
Lace, lace curtains and nets						
Curtains & furniture hangings						
Furniture and upholstery ...						
Electro-plate ... ..						
File making ... ..						
Brass and brass articles ...						
Fur pulling ... ..						
Cables and chains ... ..						
Anchors and grapnels ...						
Cart gear ... ..						
Locks, latches and keys ...						
Umbrellas, &c. ... ..						
Artificial flowers ... ..						
Nets, other than wire nets ...						
Tents ... ..						
Sacks ... ..						
Racquet and tennis balls ...						
Paper, etc., boxes, paper bags						
Brush making ... ..						
Pea picking ... ..						
Feather sorting ... ..						
Carding, &c., of buttons, &c.						
Stuffed toys ... ..						
Basket making ... ..						
Chocolates and sweetmeats ...						
Cosaques, Christmas crackers,						
Christmas stockings, &c. ...						
Textile weaving ... ..						
Total ...	12	—	22			

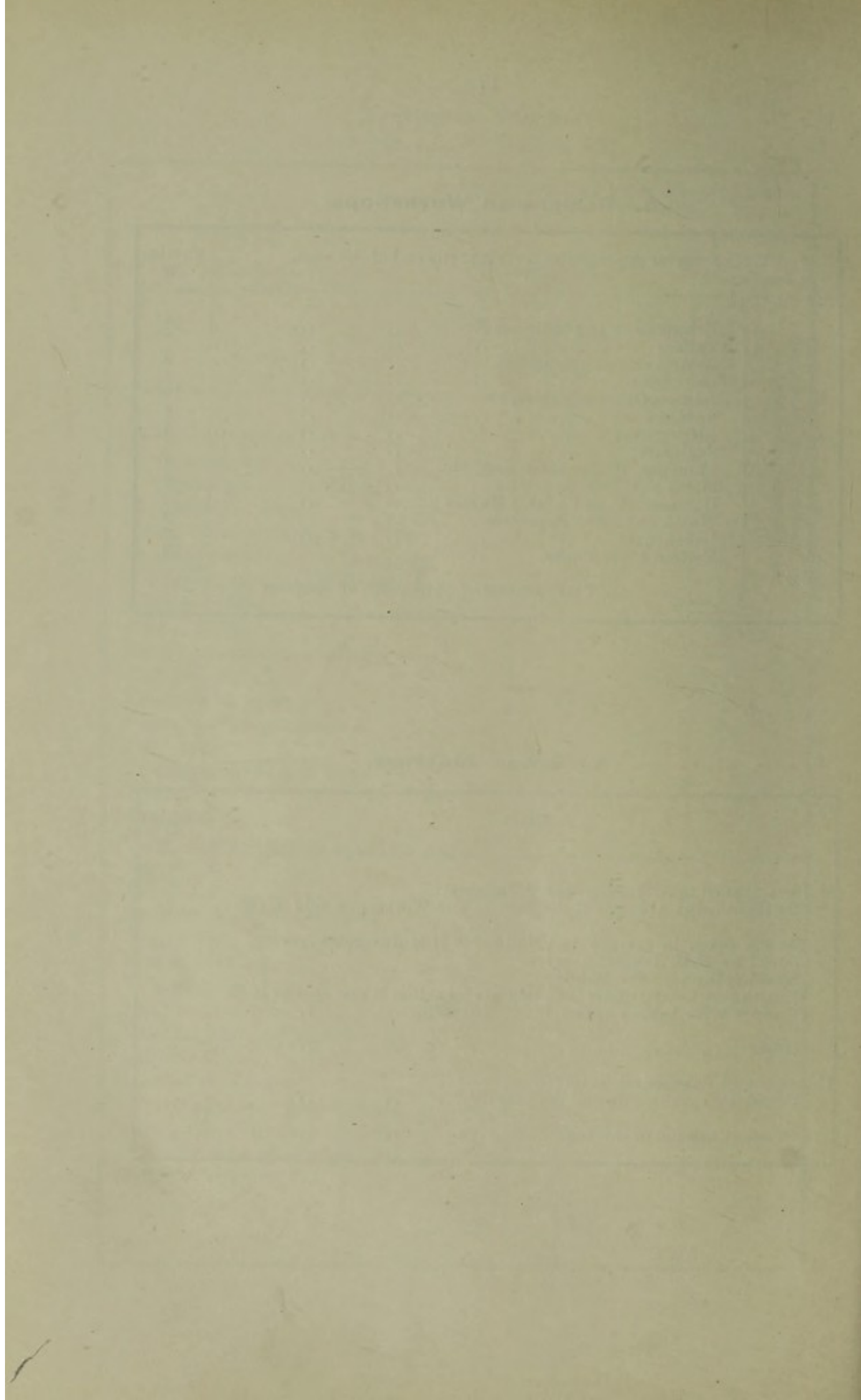


#### 4.—Registered Workshops.

Workshops on the Register (s. 131) at the end of the year.						Number
(1)						(2)
Important classes of workshops, such as workshop bakehouses may be enumerated here.	{	Dressmakers and Milliners ..	..	..	..	26
		Tailors ..	..	..	..	7
		Bootmakers and Repairers ..	..	..	..	8
		Laundries ..	..	..	..	5
		Joiners, Cabinet Makers, etc.	..	..	..	10
		Saddlers ..	..	..	..	3
		Blacksmiths ..	..	..	..	5
		Sculptors ..	..	..	..	3
		Plumbers, Painters, Glaziers, etc.	..	..	..	5
		Motor and Cycle Repairers ..	..	..	..	5
		Upholsterers and Basket Makers	..	..	..	3
		Watch and Clock Repairers..	..	..	..	3
		Bakehouses ..	..	..	..	16
		Various other Trades ..	..	..	..	22
Total number of Workshops on Register ..						121

#### 5.—Other Matters.

Class						Number
(1)						(2)
Matters notified to H.M. Inspector of Factories:—						
Failure to affix Abstract of the Factory and Workshops Acts (s. 133) ..						4
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory & Workshops Act(s.5)	{	Notified to H.M. Inspector ..				..
		Reports (of action taken) sent to H.M. Inspector ..				..
		..	..	..	..	..
Other ..	..	..	..	..	..	..
Underground Bakehouses (s. 101):—						
Certificates granted during the year ..						..
In use at the end of the year ..						..



Stratford-on-Avon Rural District.

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

Rural District of Stratford-on-Avon

FOR

• 1913. •



Stratford-on-Avon Rural District

# ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the

Annual District of Stratford-on-Avon

for the

Year 1912

*Stratford-on-Avon Rural District.*

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

(1913).

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TO THE CHAIRMAN AND MEMBERS OF THE  
RURAL DISTRICT COUNCIL.

MR. CHAIRMAN, LADIES AND GENTLEMEN.

I have the pleasure to submit to your Council my Report for the year 1913, which will be found on perusal to compare favourably with previous reports on the Health of the District.

The population is estimated as 11132, a trifling increase since the census of 1911.

The Birth-rate is, as usual, low, being 18·6 per 1000 inhabitants.

The Death-rate is a fraction under the average for the preceding five years and is 12·9 per 1000 inhabitants.

The Mortality among Infants is 57·4 per 1000 Births, which is practically the average for the district.

The Deaths from Zymotic disease have been Measles 2, Scarlet Fever 1.



TABLE I.

## STRATFORD-ON-AVON RURAL DISTRICT.

Vital Statistics of Whole District during 1913 and previous years.

YEAR.	Population Estimated to Middle of each Year.	BIRTHS.				TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.				
		Uncor- rected Number	NETT.			Number	Rate	of Non- residents registered in the District.	of Resi- dents not registered in the District.	Under 1 Yr. of age.		At all ages.		
			Number	Rate.	Number					Rate	Number	Rate per 1000 Nett Births.	Number	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13		
1908	10949	226			134	12.2		16	12	53.0	150	13.6		
1909	10996	229			146	13.2		14	12	52.0	160	14.5		
1910	11043	226			99	8.9		24	11	48.6	123	11.1		
1911	11090		215	19.3	146	13.1	1	20	20	93.0	165	14.8		
1912	11136		227	20.3	108	9.6	6	22	10	44.0	124	11.1		
1913	11182		209	18.6	119	10.6	1	27	12	57.4	145	12.9		

Area of District in Acres  
(exclusive of area  
covered by water)

58,000

Total population at all ages, 11,079  
Number of inhabited houses  
Average number of persons per house

At Census of 1911

TUBERCULOSIS.—Pulmonary and otherwise has caused six deaths.

DIARRHOEA AND ENTERITIS have caused two deaths of Infants.

## TABLE II.

CEREBRO-SPINAL MENINGITIS caused one death of an infant two months old. The primary cause of death was given as 'Malnutrition.' I am unaware of any reason to classify this death as belonging to the epidemic form.

SCARLET FEVER.—Of this disease there were thirty-eight cases, of which one ended fatally. The table gives a list of the parishes which contributed cases, showing how widely spread over the district the disease was disseminated. Claverdon was the chief sufferer, having 17 cases, making a total of 38 cases from that parish during the past three years. As there are only a little over a hundred children on the School register there, this means a severe epidemic for Claverdon village. In no other parish in the district in recent years has the disease been so severe. It is also noticeable that the type of Scarlet Fever sent to Hospital recently is of a more virulent character than usually met with.

DIPHTHERIA.—Of the six cases notified, two were in Henley and one each in the parishes of Alveston, Claverdon, Ettington and Wootton. They were all sent to Hospital and all recovered. Throughout the district the cases of this disease which occur are nearly all sent to Hospital quickly without delaying to absolutely confirm the certainty of the nature of the ailment, and while this is done the opportunity for epidemic outbreaks of Diphtheria is much reduced. No harm to anyone concerned results if it happens (as occasionally must occur) that a suspected case turns out to be non-diphtheritic



TABLE II.

RURAL DISTRICT OF STRATFORD-ON-AVON.  
Cases of Infectious Disease notified during the year 1913.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							TOTAL CASES NOTIFIED IN EACH LOCALITY. (e.g. Parish or Ward) of the District.									TOTAL CASES REMOVED TO HOSPITAL.			
	At all Ages.	At Ages—Years.						Alveston.	Bearley.	Claverdon.	Ettington.	Grafton.	Henley.	Langley.	Old Stratford.	Wellesbourne.		Wootton.		
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65												65 & up- wards.	
Smallpox .. ..																				
Cholera .. ..																				
Diphtheria (including Membranous Croup) ..	6			4	1	1				1	1		2					1	6	
Erysipelas .. ..	7			1				2												
Scarlet fever .. ..	38		8	26	2	2				4	17	3		4	4	5				38
Typhus fever .. ..																				
Enteric fever .. ..																				
Relapsing fever .. ..																				
Continued fever .. ..																				
Puerperal fever .. ..																				
Cerebro-spinal Meningitis																				
Poliomyelitis .. ..																				
Pulmonary Tuberculosis	12			2	4	4														
Other forms of Tuberculosis	1																			
TOTALS .. ..	64		8	33	7	9	5	2												

in nature, whereas to delay in the use of isolation and anti-diphtheritic serum while awaiting the appearance of certain signs or symptoms of the disease is likely to cause spread to others and risk to the patient.

### TUBERCULOSIS.

In the course of the year thirteen cases of Tuberculosis were notified, and six deaths occurred.

Places of residence were as follows.—

Bearley	...	...	...	2
Charlecote	...	...	...	2
Ettington	...	...	...	1
Alveston	...	...	...	2
Henley	...	...	...	1
Wellesbourne	...	...	...	3
Wootton Wawen	...	...	...	1
Snitterfield	...	...	...	1

In all cases seen by me where the patient remained at home there was reasonable facility to prevent the spread of disease to others.

The local Committee now formed to supervise the benefits to Tubercular cases under the N.I. Act are open to receive recommendations from doctors in the district for cases suitable for sanatorium treatment. In a widely spread Rural District, as is that of the Stratford Rural District, the provision of special dispensaries for special treatment is obviously impracticable on the lines adopted in towns, and the use of special methods is, pro tem, in the hands of local practitioners.

### SANITARY INSPECTIONS OF THE DISTRICT.

In company with your Sanitary Inspector and otherwise I have made periodic visits of inspection throughout the District.



TABLE III.

## RURAL DISTRICT OF STRATFORD-ON-AVON.

Causes of, and Ages at Death during the Year 1913.

[illegible]

The appended summary of work done under Section 17 of the Housing Act, 1909, and of general work done in the Inspector of Nuisances Department show the large amount of improvement effected.

In Henley-in-Arden some of the worst property on the east side has been taken in hand with much benefit.

The defective general drainage of Claverdon village, on which I have reported for several years still remains an unsettled matter, and also there continues to be there an exceptional amount of sickness; while I do not assert that these two conditions are absolutely cause and effect it is worth remarking that the Parishes in this district with modern sewerage and good water supply seem to suffer the least from children's infective diseases. The question of properly sewerage Claverdon will not drop until it is decided to take action.

#### WATER SUPPLIES.

I have examined all of the public water supplies of the district and find them uniformly satisfactory.

#### SEWAGE AND SEWAGE DISPOSAL.

It is very satisfactory to report that the Wellesbourne Sewage Disposal Works are answering their purpose and not creating the nuisance which was largely prophesied when they were constructed. In fact it would be difficult to find a small disposal works of more creditable appearance and less objectional in every way.

I am,

Your obedient servant,

ARTHUR THOMSON,

Medical Officer of Health.



TABLE IV.

Rural District of Stratford-on-Avon.

Infant Mortality during the year 1913.

Net deaths from stated causes at various ages under one year of age.

CAUSES OF DEATH.				Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total deaths under 1 year.
All Causes	{	Certified ..	..	..	..	..	..	..	..	..	..	..	..
		Uncertified ..	..	..	..	..	..	..	..	..	..	..	..
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping-Cough	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis (b)	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous)	..	..	..	..	..	..	..	..	1	..	..	..	1
Convulsions	..	..	..	..	..	..	..	..	..	..	..	..	..
Laryngitis	..	..	..	..	..	..	..	..	1	..	..	1	2
Bronchitis	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia (all forms)	..	..	..	..	..	..	..	..	1	..	..	..	1
Diarrhœa	..	..	..	..	..	..	..	..	..	1	..	..	1
Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis	..	..	..	..	..	..	..	..	..	..	..	..	..
Syphilis	..	..	..	..	..	..	..	..	..	..	..	..	..
Rickets	..	..	..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying	..	..	..	..	..	..	..	..	..	..	..	..	..
Injury at birth	..	..	..	..	..	..	..	..	..	..	..	..	..
Atelectasis	..	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Malformations (c)	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature birth	..	..	..	2	..	..	..	2	..	..	..	..	2
Atrophy, Debility and Marasmus	..	..	..	1	..	..	..	1	1	1	1	..	4
Other Causes	..	..	..	..	..	1	..	1	..	..	..	..	1
Totals	..	..	..	3	..	1	..	4	4	2	1	1	12

Nett Births in the year —Legitimate, 209; Illegitimate, 11.  
 Nett Deaths in the year:—Legitimate, 11; Illegitimate, 1.

## RURAL DISTRICT OF STRATFORD-ON-AVON.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the year 1913 in the Rural Sanitary District of Stratford-on-Avon.

SANITARY WORK.				Inspections and Observations made	Formal Notices by Authority	Nuisances abated after Notice
Dwelling Houses and Schools	{	Foul Conditions .. .. .	..	69	55	47
		Structural Defects.. .. .	..	87	65	81
		Overcrowding .. .. .	..	2	2	2
		Unfit for Habitation .. .. .	..	..	..	..
	Lodging Houses .. .. .	..	..	Regularly	..	
	Dairies and Milkshops .. .. .	..	14	1	1	
	Cowsheds .. .. .	..	23	3	3	
	Bakehouses .. .. .	..	5	5	5	
	Slaughter Houses .. .. .	..	..	Regularly	..	
	Canal Boats.. .. .	..	3	..	..	
House Drainage	{	Ashpits and Privies .. .. .	..	61	54	63
		Deposits of Refuse and Manure .. .. .	..	6	6	6
		Water-Closets .. .. .	..	23	19	20
		Defective Traps .. .. .	..	17	13	16
	No Disconnection .. .. .	..	9	9	9	
	Other Faults .. .. .	..	44	40	38	
	Water Supply .. .. .	..	11	11	9	
	Pigsties .. .. .	..	..	..	..	
	Animals improperly kept .. .. .	..	..	..	..	
	Offensive Trades .. .. .	..	..	..	..	
	Smoke Nuisances .. .. .	..	..	..	..	
	Other Nuisances .. .. .	..	75	45	39	
	Totals.. .. .			..	449	328
				No.		
Seizures of Unwholesome food .. .. .				..		
Samples of Food taken for Analysis .. .. .				..		
Ditto of Food found adulterated .. .. .				..		
Ditto of Water taken for Analysis .. .. .				7		
Ditto of Water condemned as unfit for use .. .. .				1		
PRECAUTIONS AGAINST INFECTIOUS DISEASE.						
Lots of Infected Bedding stoved or destroyed .. .. .				..		
Houses Disinfected after Infectious Disease .. .. .				35		
Schools ditto ditto ditto .. .. .				3		
Prosecutions for not Notifying Existence of Infectious Disease						
Convictions ditto ditto ditto ditto .. .. .						
Prosecutions for Exposure of Infected Persons or Things .. .. .						
Convictions ditto ditto ditto ditto .. .. .						

A. AINLEY,

Inspector of Nuisances.



## RURAL DISTRICT OF STRATFORD-ON-AVON.

## Section 17 of the Housing and Town Planning Act 1909.

Number of Houses Inspected for purposes of Section 17.	Number found unfit for human habitation.	Number of Representations made to Local Authority with a view to Closing Orders being made.	Number of Closing Orders made.	Number of Houses in which the defects were remedied without Closing Orders being made.	Number of Houses after Closing Orders being made, were put into a fit state for habitation, and the general character of defects found to exist.
16	14	8	none Two Voluntarily Closed.	12	none

In addition to the above, 213 houses were inspected under the Act, and defects reported were dealt with under the general nuisance classes of the Public Health Act, 1875.

## RURAL DISTRICT OF STRATFORD-ON-AVON.

## Inspection of Factories, Workshops and Workplaces.

**1.—Inspection.**

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
FACTORIES .. .. . (Including Factory Laundries)	none	..	..
WORKSHOPS .. .. . (Including Workshop Laundries)	27	3	..
WORKPLACES .. .. . (Other than Outworkers' premises included in Part 3 of this Report)	..	..	..
Total .. .. .	27	3	..

**2.—Defects Found.**

Particulars. (1)	Number of Defects.			
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector (4)	Number of Prosecutions. (5)
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness .. .. .	7	7	..	..
Want of ventilation .. .. .	1	1	..	..
Overcrowding .. .. .	none	..	..	..
Want of drainage of floors .. .. .	..	..	..	..
Other nuisances .. .. .	..	..	..	..
Sanitary accommodation { insufficient .. .. .	..	..	..	..
{ unsuitable or defective .. .. .	..	..	..	..
{ not separate for sexes .. .. .	..	..	..	..
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse .. .. .	none	..	..	..
Breach of special sanitary requirements for bake-houses .. .. .	..	..	..	..
Other Offences .. .. .	..	..	..	..
(Excluding offences relating to outwork which are included in Part 3 of this Report)				
Total .. .. .	8	8	—	—

**HOME WORK.—Nil.**





Marston Sicca Rural District.

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

Rural District of Marston Sicca,

FOR

• 1913. •



State of New York

# ANNUAL REPORT

OF THE

COMMISSIONER OF THE LAND OFFICE

FOR THE YEAR 1881

*Marston Sicca Rural District.*

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

(1913).

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TO THE CHAIRMAN AND MEMBERS OF THE  
DISTRICT COUNCIL.

GENTLEMEN,

My Report for the year 1913 is not so favourable as it has been for a term of years, in that the district has had an outbreak of Scarlet Fever in the parishes of Long Marston and Clifford Chambers. Ten cases of this disease occurred and were all removed to Hospital. Since the end of the year a few more have been notified but at the time of writing, there has been a cessation and possibly the matter is finished with. Disinfection of premises occupied and posting of public notices concerning the disease was carried out, and Long Marston School was closed. There was one death.

There were also two cases of Diphtheria, one in Welford and one in Long Marston, both of which were sent to Hospital. The Long Marston case ended fatally.



No other infectious disease occurred.

One case of Pulmonary Tuberculosis exists in Welford and occupies an out-door shelter.

The Vital Statistics for the year are :—

Population estimated as 1637 and showing a small increase annually.

Births 26, equal to a Birth-rate of 15·8. Deaths 18, inclusive of persons dying outside the district.

Death-rate 10·9 per 1000 inhabitants. Infantile Mortality 2, equal to a rate of 90·9 per 1000 births registered.

During the year house inspection has been adequately carried out.

The chief sanitary improvement effected in the year is the extension of water supply by main from Pebworth to Long Marston. This has for many years been urgently needed.

I am,

Your obedient servant,

ARTHUR THOMSON,

Medical Officer of Health.

TABLE I.

## MARSTON SICCA RURAL DISTRICT.

Vital Statistics of Whole District during 1913 and previous years.

YEAR.	Population Estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Uncor- rected Number	NETT.		Number	Rate	of Non- residents registered in the District.	of Resi- dents not registered in the District.	Under 1 Yr. of age.		At all ages.	
			Number	Rate.					Number	Rate per 1000 Nett Births. 11	Number	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1908	1574	32			20	12.7		4	4		24	15.3
1909	1586	35			16	10.0		4	2		20	12.6
1910	1599	29			20	12.5		4	1		24	15.0
1911	1612	39	39	24.1	23	14.2	2	8	3		29	17.9
1912	1624		29	17.8	17	10.4		2	3	103.4	19	11.6
1913	1637	25	26	15.8	13	7.9		5	2	90.9	18	10.9

Area of District in Acres  
(exclusive of area  
covered by water) } 8286

Total population at all ages, 1609  
Number of inhabited houses  
Average number of persons per house

} At Census of 1911



TABLE II.

## MARSTON SICCA RURAL DISTRICT.

Cases of Infectious Disease notified during the year 1913.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.						TOTAL CASES NOTIFIED IN EACH LOCALITY. (e. g. Parish or Ward) of the District.						TOTAL CASES REMOVED TO HOSPITAL
	At all Ages.	At Ages—Years.					Clifford Chambers	Dorsington.	Marston Sicca.	Welford-on- Avon.			
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 & up- wards.					
Smallpox .. ..													
Cholera .. ..													
Diphtheria (including Membranous Croup) ..	2			2					1	1			2
Erysipelas .. ..													
Scarlet fever .. ..	10		5	5					5	1			10
Typhus fever .. ..													
Enteric fever .. ..													
Relapsing fever .. ..													
Continued fever .. ..													
Puerperal fever .. ..													
Cerebro-spinal Meningitis													
Poliomyelitis .. ..													
Pulmonary Tuberculosis													
Other forms of Tuberculosis													
TOTALS .. ..	12		5	7					4	6	2		12

Isolation Hospitals.—Joint (Infectious) Hospital, Joint (Smallpox) Hospital, Stratford-on-Avon.

Causes of, and Ages at Death during the Year 1913.

[illegible]



TABLE IV.

## MARSTON SICCA RURAL DISTRICT.

Infant Mortality during the year 1913.

Nett deaths from stated causes at various ages under  
one year of age.

CAUSES OF DEATH.				Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total deaths under 1 year.
All Causes	Certified	..	..	..	..	..	..	..	..	..	..	..	..
	Uncertified	..	..	..	..	..	..	..	..	..	..	..	..
{	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..
	Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..
{	Measles	..	..	..	..	..	..	..	..	..	..	..	..
	Scarlet fever	..	..	..	..	..	..	..	..	..	..	..	..
{	Whooping-Cough	..	..	..	..	..	..	..	..	..	..	..	..
	Diphtheria and Croup	..	..	..	..	..	..	..	..	..	..	..	..
{	Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..
{	Abdominal Tuberculosis (b)	..	..	..	..	..	..	..	..	..	..	..	..
	Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..
{	Meningitis (not Tuberculous)	..	..	..	..	..	..	..	..	..	..	..	..
	Convulsions	..	..	..	..	..	..	..	..	..	..	..	..
{	Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..
	Bronchitis	..	..	..	..	..	..	..	..	..	..	..	..
{	Pneumonia (all forms)	..	..	..	..	..	..	..	..	..	..	..	..
	Diarrhœa	..	..	..	..	..	..	..	..	..	..	..	..
{	Enteritis	..	..	..	..	..	..	..	..	..	..	..	..
	Gastritis	..	..	..	..	..	..	..	..	..	..	..	..
{	Syphilis	..	..	..	..	..	..	..	..	..	..	..	..
	Rickets	..	..	..	..	..	..	..	..	..	..	..	..
{	Suffocation, overlying	..	..	..	..	..	..	..	..	..	..	..	..
	Injury at birth	..	..	..	..	..	..	..	..	..	..	..	..
{	Atelectasis	..	..	..	..	..	..	..	..	..	..	..	..
	Congenital Malformations (c)	..	..	..	..	..	..	..	..	..	..	..	..
{	Premature birth	..	..	..	1	..	..	1	..	..	..	..	1
	Atrophy, Debility and Marasmus	..	..	..	..	..	..	..	..	1	..	..	1
{	Other Causes	..	..	..	..	..	..	..	..	..	..	..	..
	Totals	..	..	..	1	..	..	1	..	1	..	..	2

Nett Births in the year:—Legitimate, 21; Illegitimate, 1.

Nett Deaths in the year:—Legitimate, 2; Illegitimate, 0.

TABLE V.

## DISTRICT OF MARSTON SIOCCA.

Section 17 of the Housing Act 1909.

Number of Houses Inspected for purposes of Section 17 of Act 1909.	Number of Houses not in all respects reasonably fit for habitation.	Number of Representations made to Local Authority with a view to the making of Closing Orders.	Number of Closing Orders made.	Number of Dwelling Houses the defects in which were remedied without the making of Closing Orders.	Number of Dwelling Houses which after the making of Closing Orders were put into a fit state for human habitation and general character of defects.
50	18	0	0	12	0



## MARSTON SICCA RURAL DISTRICT.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the year 1913 in the Marston Sicca District.

SANITARY WORK.			Inspections and Observations made	Formal Notices by Authority	Informal Notice.	Nuisances abated after Notice
Dwelling Houses and Schools	{ Foul Conditions ..	..	..	..	11	11
	{ Structural Defects ..	..	10	24	10	8
	{ Overcrowding ..	..	..	..	1	1
	{ Unfit for Habitation..	..	..	..	..	..
	{ Lodging Houses ..	..	..	..	..	..
	{ Dairies and Milkshops	..	..	..	..	..
	{ Cowsheds ..	..	4	..	..	..
	{ Bakehouses ..	..	2	..	..	..
	{ Slaughter Houses ..	..	..	..	..	..
	{ Canal Boats..	..	..	..	..	..
	{ Ashpits and Privies ..	..	5	..	5	5
	{ Deposits of Refuse and Manure	..	..	..	..	..
	{ Water-Closets ..	..	2	..	..	..
House Drainage	{ Defective Traps ..	..	8	..	8	7
	{ No Disconnection ..	..	..	..	..	..
	{ Other Faults ..	..	10	..	10	5
	{ Water Supply ..	..	1	..	1	1
	{ Pigsties ..	..	..	..	..	..
	{ Animals improperly kept	..	..	..	..	..
	{ Offensive Trades ..	..	..	..	..	..
	{ Smoke Nuisances ..	..	..	..	..	..
	{ Other Nuisances ..	..	..	..	..	..
Totals ..			42	24	46	38

## MARSTON SICCA RURAL DISTRICT.

## Inspection of Factories, Workshops and Workplaces.

### 1.—Inspection.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspec- tions. (2)	Written Notices. (3)	Prosecu- tions. (4)
FACTORIES .. (Including Factory Laundries) ..	..	..	..
WORKSHOPS .. (Including Workshop Laundries) ..	..	..	..
WORKPLACES .. (Other than Outworkers' premises included in Part 3 of this Report) ..	..	..	..
Total .. ..	—	—	—

## 2.—Defects Found.

Particulars.	Number of Defects.			
	Found.	Remedied.	Referred to H.M. Inspector	Number of Prosecutions.
(1)	(2)	(3)	(4)	(5)
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness .. .. .	2	2	..	..
Want of ventilation .. .. .	2	2	..	..
Overcrowding .. .. .	..	..	..	..
Want of drainage of floors .. .. .	..	..	..	..
Other nuisances .. .. .	..	..	..	..
Sanitary accommodation { insufficient .. .. .	..	..	..	..
unsuitable or defective .. .. .	..	..	..	..
not separate for sexes .. .. .	1	1	..	..
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse .. .. .	..	..	..	..
Breach of special sanitary requirements for bake-houses .. .. .	..	..	..	..
Other Offences .. .. .	..	..	..	..
(Excluding offences relating to outwork which are included in Part 3 of this Report)	..	..	..	..
Total .. .. .	5	5	—	—



## MARSTON SICCA RURAL DISTRICT.

Sanitary Inspector :—J. G. Parish.

## HOUSING—

Number of Plans for New Houses submitted	...	...	7
„ Houses built	...	...	6 in progress
„ „ Water Certificates granted	...	...	...
Housing, Town Planning, &c., Act, 1909.—Housing (Inspection of District) Regulations, 1910.			
(1) Inspection Officer, J. G. Parish.			
(2) What forms of record adopted?			
(a) For use in inspection?—Pocket Book.			
(b) For permanent records?—Card System.			
(c) For presentation to Council?—Ditto.			
(3) What areas inspected 1913?—Welford, Dorsington, Long Marston and Clifford.			
(4)—1	Number of houses inspected	...	50
2	„ „ with defects for which notice was necessary	...	18
3	„ „ for which notices were served	...	...
(a) Under Sec. 15 Housing, Town Planning, &c., Act, 1901.			
	Number remedied	...	0
(b) Under other Sections Public Health Act			
	Number remedied	...	12
(4)	Number of houses unfit for habitation	...	0
(5)	„ Representations to D.C.	...	0
(6)	„ Closing Orders	...	0
(7)	„ Demolition Orders	...	0
	„ Overcrowding cases reported	...	1
	„ Abated	...	1
	„ Cleansed on notice	...	0

## WATER SUPPLY—

Has there been any change in existing sources of supply? Yes

Has any application for loan been made? Yes

(1) Long Marston

(2)

Number of new connections with supply	...	...	0
Number of wells sunk	...	...	5
Number of wells closed	...	...	0
Number of samples taken for examination	...	...	0

## SEWERAGE AND DRAINAGE—

Has any application for a loan been made? No

(1)

(2)

Number of houses newly connected with sewers	...	2
W.C. newly supplied with flushing cistern	...	1
Earth closets, pail closets, or improved privies constructed		4
Notices served to empty privy vaults	...	3

## REFUSE DISPOSAL—

No Change

## NUMBERS INSPECTED OF EACH OF THE FOLLOWING—

1 Common Lodging Houses	...	...	...	0
2 Slaughter Houses	...	...	...	0
3 Bakehouses	...	...	...	0
4 Dairies, Cowsheds, and Milkshops	...	...	...	4
5 Canal Boats	...	...	...	0
6 Workshops	...	...	...	0
7 Residences of out-workers	...	...	...	1

## GENERAL—

Number of complaints received	...	...	...	5
Number of nuisances reported to District Council	...	...	...	29
(1) Total	...	...	...	0
(2) Swine	...	...	...	0
Total nuisances abated	...	...	...	29
Total number of preliminary notices served	...	...	...	29
Total number of Statutory notices served	...	...	...	0
Total number of summonses taken out	...	...	...	0



1870  
The following is a list of the names of the persons who have been elected to the office of Justice of the Peace for the year 1870.

John A. Smith  
James B. Jones  
William C. Brown  
George D. White  
Charles E. Green  
Frank F. Black  
Henry G. Grey  
Thomas H. Hall  
John I. Hill  
Robert J. Hunt

1871  
The following is a list of the names of the persons who have been elected to the office of Justice of the Peace for the year 1871.

John A. Smith  
James B. Jones  
William C. Brown  
George D. White  
Charles E. Green  
Frank F. Black  
Henry G. Grey  
Thomas H. Hall  
John I. Hill  
Robert J. Hunt

1872  
The following is a list of the names of the persons who have been elected to the office of Justice of the Peace for the year 1872.

John A. Smith  
James B. Jones  
William C. Brown  
George D. White  
Charles E. Green  
Frank F. Black  
Henry G. Grey  
Thomas H. Hall  
John I. Hill  
Robert J. Hunt