

**[Report 1949] / Medical Officer of Health, Stratford-upon-Avon Borough, Stratford-upon-Avon R.D.C., Shipston-upon-Stour R.D.C., Alcester R.D.C.**

**Contributors**

Stratford-upon-Avon (England). Borough Council.

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BOROUGH OF STRATFORD-UPON-AVON

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RURAL DISTRICT OF STRATFORD-ON-AVON

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RURAL DISTRICT OF ALCESTER

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RURAL DISTRICT OF SHIPSTON-ON-STOUR

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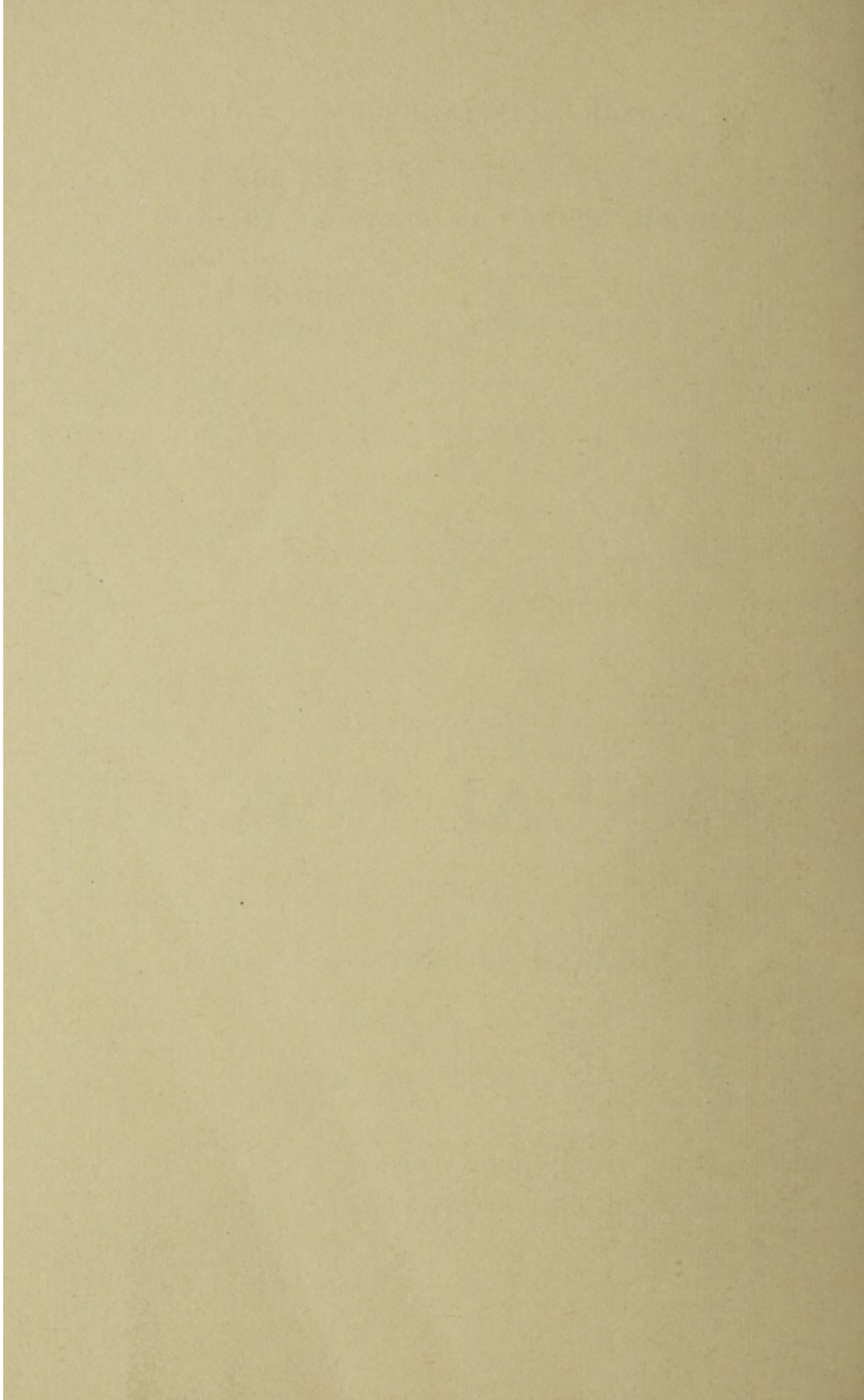
# ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

1949



# ANNUAL REPORT

OF

## Medical Officer of Health

1949.

To:

The Mayor, Aldermen and Councillors, Borough of Stratford-upon-Avon.

The Chairman and Councillors, Rural District of Stratford-on-Avon.

The Chairman and Councillors, Rural District of Alcester.

The Chairman and Councillors, Rural District of Shipston-on-Stour.

For the greater part of this year I have had the very pleasant duty of acting as Medical Officer of Health to your districts during the absence of Dr. Fyfe. This pleasure is, however, tinged with regret that my presence has been made necessary by his illness. For the last ten years the Annual Report has been of an austerity nature, as has been requested in various circulars from the Ministry of Health from time to time. This year I am returning to the form of report usual before the war.

I shall first of all deal with matters of common interest to all districts and then give you the normal form of report of the work done in each of your districts with the statistics which apply to that district.

This year has been the first full year of working of the National Health Act, 1946. While the functions of the local Health Authority do not concern you as local District Authorities, except in so far as you have representatives on the Area sub-Committee and I act as the Area Medical Officer, I think it would be as well if I drew your attention to the scope of these functions.

1. The provision of home nursing, midwifery and health visiting services.
2. Provision of Child Welfare Clinics.
3. The care of people suffering from tuberculosis in their own homes.

4. The care and after care of persons suffering from illness of any kind in their own homes.
5. The provision of a Home Help Service in the Area.
6. The organisation and provision of diphtheria immunisation and vaccination against small pox.
7. The provision of a school medical service and school minor ailment clinic in the area.

The duties of the Medical Officer of Health in the past have been concerned chiefly with communicable diseases; most of these diseases are being brought under control. The success of diphtheria immunisation in reducing the incidence of diphtheria in the country will be known to you already. The work of the Medical Officer of Health is broadening to cover research into the cause of more general forms of ill health.

The combination of the duties of Medical Officer of Health with Area Medical Officer, as has come about in the Area, is a very important move to deal with the broadening of environmental medicine. The provision of good housing, a wholesome water supply, an efficient system of sewage disposal, clean food, and healthy conditions of work is still as important as ever. All these matters are constantly receiving attention in all districts but progress is, unfortunately, slow.

### **INFECTIOUS DISEASE HOSPITAL**

The Infectious Diseases Hospital in the Birmingham Road closed during the year. It has now been changed into a Children's Recovery Hospital where children can be transferred from General Hospitals when the acute stage of their illness is over. Infectious disease cases needing hospital treatment are now admitted to Heathcote Hospital, Leamington Spa. While this hospital is rather out of the way for people living in the four districts, no difficulties have arisen. Thanks for this are due to the Superintendent of the Hospital, Dr. H. Gibbons Ward, and the Matron and her staff.

### **DISINFECTION OF BEDDING AND CLOTHING OF INFECTIOUS DISEASE CASES**

Steam disinfection of bedding belonging to people suffering from infectious disease was formerly dealt with in the disinfector at the Infectious Disease Hospital. This disinfector was removed to the General Hospital. Informal arrangements to continue this disinfection have not worked very satisfactorily and steps are being taken to come to some more definite arrangements with the South Warwickshire Hospital Group.

## **AMBULANCE SERVICE**

The County Ambulance Service has worked smoothly through its Depot in Stratford-upon-Avon. When it is considered that 6,572 patients were carried during the year the occasions when difficulties have arisen have been very few. The ambulance vehicle stationed at Alcester has been of great benefit to that district. I hope that it may be possible to station an ambulance in Shipston in due course to provide a better service there.

## **STAFF**

I should like to take this opportunity of thanking most sincerely all the officials of all four districts for their help and the way they have guided my steps during the year.

Finally, I should like to thank all members of all four District Councils for their great kindness, help and co-operation during the year.

**J. B. BRAMWELL,**  
Acting Medical Officer of Health.

## BOROUGH OF STRATFORD-UPON-AVON

POPULATION (estimated)	...	...	...	...	14,610
RATEABLE VALUE	...	...	...	...	£121,339
PRODUCT OF PENNY RATE	...	...	...	...	£478

**PUBLIC HEALTH OFFICERS**

CHIEF SANITARY INSPECTOR: J. H. DAVIES, Cert. R.S.I.; Cert. Meat and Foods.

ADDITIONAL SANITARY INSPECTOR: D. KEAR, Cert. R.S.I.; Cert. Meat and Foods.





## VITAL STATISTICS

## COMPARATIVE STATISTICAL TABLES

DETAILS	1945	1946	1947	1948	1949
Estimated Population ...	13110	13550	13750	14330	14610
Live Births (legitimate) ...	195	251	255	246	241
Live Births (illegitimate) ...	36	34	22	24	13
Birth rate per 1,000 estimated population ...	17·6	21·0	20·1	18·8	17·4
Still births (legitimate) ...	6	9	6	3	4
Still births (illegitimate) ...	1	1	1	—	1
Rate per 1,000 (Live and still births) ...	29·4	33·9	24·6	10·9	19·3
DEATHS ...	166	161	192	174	201
Death rate per 1,000 estimated population ...	12·7	11·9	13·9	12·1	13·8
Deaths from Puerperal Sepsis	—	—	—	—	—
Other Puerperal Causes ...	—	—	—	1	—
Deaths of Infants under 1 year (legitimate) ...	N.A.	N.A.	N.A.	14	5
Deaths of Infants under 1 year (illegitimate) ...	N.A.	N.A.	N.A.	2	—
Rate all infants per 1,000 live births ...	30·3	28·0	36·1	59·2	19·7
Deaths from Measles (all ages)	1	—	—	1	—
Deaths from Whooping Cough (all ages) ...	1	—	—	—	—
Deaths from Diarrhœa (under 2 years) ...	1	1	3	1	1
Deaths from Congenital Malformation and Birth Injuries	2	1	2	5	1
Premature Births ...	1	1	2	5	—

N.A. .... Not available.

## CAUSES OF DEATH

	M.	F.
Typhoid and Paratyphoid ... ..	—	—
Syphilitic Diseases ... ..	—	—
Tuberculosis of Respiratory system ... ..	3	—
Other forms of Tuberculosis ... ..	1	—
Influenza ... ..	1	—
Cancer of Buccal Cavity and Oesophagus (M) Uterus (F) ... ..	—	—
Cancer of Stomach and Duodenum ... ..	1	4
Cancer of breast ... ..	—	2
Cancer of all other sites ... ..	6	6
Diabetes ... ..	1	—
Intra Cranial Vascular Lesions ... ..	10	17
Heart Diseases ... ..	29	30
Other Diseases of Circulatory system ... ..	14	6
Bronchitis ... ..	7	4
Pneumonia ... ..	3	9
Other Respiratory diseases ... ..	2	—
Ulcer of stomach and Duodenum ... ..	1	—
Appendicitis ... ..	—	—
Other Digestive Diseases ... ..	5	5
Nephritis ... ..	—	3
Congenital Malformation, Birth Injuries ... ..	—	1
Road Traffic Accidents ... ..	1	—
Other violent causes ... ..	2	4
Suicide ... ..	1	—
All other causes ... ..	6	15
Total ... ..	94	106

## INFECTIOUS DISEASE NOTIFICATIONS

CLASSIFICATION	0-1	1-3	3-5	5-10	10-15	15-25	25 & over	Age unkn.	Total	Ad.to Hosp.
Scarlet Fever ...	-	4	6	34	2	1	1	-	48	9
Whooping Cough ...	3	5	1	2	-	-	-	-	11	-
Poliomyelitis ...	-	-	-	1	-	-	-	-	1	1
Measles ...	5	19	31	38	4	-	2	-	99	-
Diphtheria ...	-	-	-	-	-	-	-	-	-	-
Pneumonia ...	-	-	2	1	1	2	19	-	25	3
Dysentery ...	-	-	-	-	-	-	-	-	-	-
Smallpox ...	-	-	-	-	-	-	-	-	-	-
Typhoid ...	-	-	-	-	-	-	-	-	-	-
Erysipelas ...	-	-	-	-	1	1	1	-	3	-
Food Poisoning ...	-	-	-	-	-	-	-	-	-	-
Cerebro Spinal Fever ...	1	-	-	-	-	-	-	-	1	-
Ophthalmia Neonatorum ...	1	-	-	-	-	-	-	-	1	-
Meningitis ...	-	1	-	-	-	-	-	-	1	1
Puerperal Pyrexia ...	-	-	-	-	-	-	-	-	-	-
Recurrent Malaria ...	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever ...	-	-	-	-	-	-	-	-	-	-
Total ...	10	29	40	76	8	4	23	-	190	14

## COMPARATIVE STATISTICAL SUMMARY

CLASSIFICATION	1945	1946	1947	1948	1949
Scarlet Fever ...	23	10	29	28	48
Whooping Cough ...	86	16	30	88	11
Poliomyelitis ...	2	1	1	-	1
Measles ...	75	19	181	193	99
Diphtheria ...	-	1	-	-	-
Pneumonia ...	32	50	37	13	25
Dysentery ...	3	1	-	-	-
Smallpox ...	-	-	-	-	-
Typhoid ...	1	-	-	-	-
Erysipelas ...	7	3	1	1	3
Food Poisoning ...	-	-	-	-	-
Cerebral-Spinal Fever ...	1	-	-	-	1
Ophthalmia Neonatorum ...	-	-	1	1	1
Meningitis ...	-	-	-	-	1
Puerperal Pyrexia ...	3	-	-	-	-
Recurrent Malaria ...	3	2	1	-	-
Paratyphoid Fever ...	-	2	-	-	-
Total ...	236	105	281	324	190

## TUBERCULOSIS

AGE PERIOD	NEW CASES				DEATHS			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1								
1-5		1						
5-10		1						
10-15								
15-20								
20-25		2						
25-35	4	1	1					
35-45	1							
45-55		1			1			
55-65	3	1			1			
65 and upwards	3				1			
Age unknown							1	
Total	11	7	1		3		1	

## COMPARATIVE STATISTICAL TABLES

SUMMARY FOR YEAR	NEW CASES				DEATHS			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
1945	11	5	8	3	2	1	-	-
1946	10	4	2	-	1	3	-	-
1947	7	5	2	-	3	-	-	-
1948	4	5	-	1	1	-	-	1
1949	11	7	1	-	3	-	1	-







## **DRAINAGE AND CLOSETS**

Seventeen houses have been provided with new drainage systems and 23 others have been repaired.

Nine houses which had common closet accommodation have each been provided with a separate water closet; two houses have had new water closets installed; two waste water closets and two pail closets have been converted to water closets during the year.

## **WATER SUPPLY**

Seventeen houses, which formerly drew their water supply from standpipes, have been provided with internal supply.



## SLAUGHTER HOUSES

### MEAT INSPECTION

Daily visits of inspection have been made to the two Government Controlled Slaughter Houses in the Borough during the year; these are owned by Messrs. G. A. Lea, of 6, Chapel Street, and S. R. Henson, of 14, Bridge Street.

Both premises have been maintained in a clean and satisfactory condition.

The following table gives the number of animals slaughtered and the number of whole and part carcasses condemned.

The total number of animals slaughtered and inspected during the year was 12,392.

#### CARCASSES INSPECTED AND CONDEMNED

	Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs
Number killed ... ..	1154	731	1843	7208	1456
Number inspected ... ..	1154	731	1843	7208	1456
Whole carcasses condemned for T.B. ... ..	5	28	1	Nil	Nil
Part carcasses condemned for T.B. ... ..	110	249	4	Nil	11
Whole carcasses condemned for O.C. ... ..	10	21	5	29	7
Part carcasses condemned for O.C. ... ..	166	426	23	367	77
Percentage of whole car- casses condemned for T.B. ... ..	·43%	3·83%	·05%	Nil	Nil
Percentage of part carcasses condemned for T.B. ...	9·53%	34·06%	·21%	Nil	·75%
Percentage of whole car- casses condemned for O.C. ... ..	·08%	2·87%	·27%	·40%	·48%
Percentage of part carcasses condemned for O.C. ...	14·38%	58·27%	1·20%	5·09%	5·28%

## MILK AND DAIRIES

There are 16 Registered Milk Producers in the Borough, of which six are licensed for the production of Tuberculin Tested Milk; three have milking parlours and combined milking machines; this is one addition on last year.

Three producers are licensed for the production of Accredited Milk and the remaining seven are producers of Standard Milk.

The supervision of dairy farms and milk production was transferred from Local Authorities to the Ministry of Agriculture and Fisheries in October last (1949).

In March, 1949, the two Pasteurising Dairies in the Borough, The Avon Dairy Limited and the Stratford Dairy Limited, amalgamated under the trade name of The Stratford Dairy Limited, New Street, Stratford-upon-Avon.

There are 12 registered Milk Purveyors on the register, three reside outside the Borough, one being a Licensed Producer Retailer of Tuberculin Tested Milk.

There is one registered Milk Producer Retailer in the Borough.

The remaining nine Milk Purveyors all draw their supply of milk from the Pasteurising Dairy.

Seventeen visits of inspection have been made to Milk Purveyors and forty-six to milk producers during the year.

## ICE CREAM PREMISES

There are 31 premises in the Borough registered for the Manufacture or Sale of Ice Cream.

Four are registered for the Manufacture of Ice Cream by the " Heat Treatment " process and three by the " Cold Mix " process.

Thirteen are registered for the sale of pre-packed Ice Cream and eighteen for the sale of bulk Ice Cream.

The Avon Dairy Limited have built a new modern Ice Cream factory during the year, and plans for a second Ice Cream factory have been approved by the Town Planning Authority.

One hundred and eleven visits of inspection have been made to Ice Cream premises during the year.

Forty-nine samples of Ice Cream were taken from twenty-two supplies and submitted for Bacteriological examination with the following results :

Grade	1	2	3	4	Total
	24	7	10	8	49

Nine samples were taken by the County Sampling Officer and submitted for chemical analysis with the following varying fat content of, from 3·15% to 14·8%

## **BAKEHOUSES AND RESTAURANT KITCHENS**

There are nine registered bakehouses and thirteen registered restaurant kitchens in the Borough.

Written notices have been sent to the occupiers of two bakehouses for sanitary defects, verbal requests have been made for the cleansing and redecorating of six bakehouses, four notices were complied with before the end of the year.

Verbal requests were made for the cleansing and redecorating of three restaurant kitchens, all of which were complied with.

## **LICENSED PREMISES**

A survey was made of the 38 Licensed Premises in the Borough and it was found that sanitary accommodation generally was sufficient and satisfactory.

A few minor defects found were remedied after the owners' attention had been called to them.

In ten cases, facilities were provided in the public bars for washing of glasses, etc., consisting of sinks, drainage, hot and cold water supply, where these facilities were found to be absent or insufficient.

## SHOPS, FOOD STORES AND MARKETS

One hundred and six visits of inspection have been made to Shops, Food Stores, and Markets in the Borough and the following foods condemned:

Tins of Fish	...	133	Butter	...	...	2 lbs
Tins of Meat	...	164	Bacon and Ham	...	...	81 lbs
Tins of Fruit	...	137	Cheese	...	...	76 lbs
Tins of B. Beans	...	24	Brawn	...	...	18 lbs
Tins of Milk	...	187	Soya Flour	...	...	1 bag
Tins of Peas	...	31	Herrings	...	...	126 lbs
Tins of Soup	...	9	Cod Fillets	...	...	2 bxs
Tins of Carrots	...	41	Curry Powder	...	...	12 lbs
Tins of Potatoes	...	33	Processed eggs	...	...	56 lbs
Tins of Polish eggs	...	1	Fresh eggs	...	...	78 lbs
Jars of Jam	...	12	Apple Butter	...	...	4 gal
Bottles of Sauce	...	63	Almond substitute	...	...	1 bag
Locust Beans	...	40 lbs	Lobsters	...	...	5 bxs
Flour	...	...	Fowls	...	...	2
Sausages	...	...	Rabbits	...	...	42
Peas	...	...	Frozen chickens	...	...	14

## FACTORIES ACTS, 1937 AND 1948

### 1. INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH

(Including inspections made by Sanitary Inspectors)

Details of Premises	Number on Register	Number of		Occupiers Prosecuted
		Inspections	Written Notices	
Factories in which Secs. 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	18	22	Nil	Nil
Factories not included in above in which Sec. 7 is enforced ...	116	96	7	Nil
Other premises in which Sec. 7 is enforced (excluding out-workers' premises)...	3	Nil	Nil	Nil
<b>Total ...</b>	<b>137</b>	<b>118</b>	<b>7</b>	<b>Nil</b>

## CASES IN WHICH DEFECTS WERE FOUND

Particulars	Found	Remedied	No. of cases referred		No. of Prosecutions
			to H.M. Inspector	by H.M. Inspector	
Want of cleanliness ... ..	14	10	Nil	Nil	Nil
Overcrowding ... ..	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature ...	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation ...	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors	Nil	Nil	Nil	Nil	Nil
SANITARY CONVENIENCES :					
(a) Insufficient ... ..	2	2	Nil	Nil	Nil
(b) Unsuitable or defective	2	2	Nil	Nil	Nil
(c) Not separate for sexes...	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to outwork) ...	3	3	Nil	Nil	Nil
Total ... ..	21	17	Nil	Nil	Nil

## WATER SUPPLIES

- (1) During the year ended 31st March, 1950, the water supplies for domestic and industrial purposes have been satisfactory as regards both quality and quantity.
- (2) Quarterly bacteriological analyses have been made, and these have on all occasions indicated that the water supply in the Borough is of a high standard of purity. The water is free from any tendency to plumbo-solvent action, and the total hardness is on the average 8 parts per 100,000.
- (3) With the exception of a few isolated farms and cottages, water is laid on to all dwelling houses in the Borough. The proportion without such direct supply is estimated to be less than 1%.
- (4) In connection with post war housing schemes 56 new houses upon the various Corporation Housing Estates were connected to the town mains. In addition 13 houses erected by private enterprise were similarly connected during the year ended 31st March, 1950.

### GENRALLY:

The water supplies of the town are pumped from Artesian boreholes at four sites, viz, Warwick Road, August Hill, Alveston Hill and Alcester Road respectively. In addition a supplementary supply is available from an upland Gathering Ground, and a storage Reservoir at Snitterfield. This last mentioned supply is drawn upon during periods of peak demands during the summer months. Here the method of purification is by prolonged storage in the Reservoir, which has a capacity of 20,000,000 gallons, followed by treatment through slow sand filters and chlorination of the filtrate.

Emergency chlorination instituted during the war in connection with the artesian well supplies has been continued during the past year, as has, of course, the chlorination of the filtrate at the Snitterfield source.

Bulk supplies are afforded to the Rural District of Stratford-upon-Avon for distribution to the parishes of Clifford Chambers, Luddington and Bishopton. In addition a bulk supply is being afforded to the Rural District for the parishes of Snitterfield, Bearley, Pathlow, Bishopton and Alderminster. This agreement is of a temporary nature pending the completion of the Rural District Council's comprehensive water scheme for the district, and in connection therewith the temporary agreement also provides for the Rural District Council of Stratford-upon-Avon to extend this supply to an adjoining parish of Wilmcote, situated in the area of the Alcester Rural District Council.



No appreciable extensions to the town mains were carried out during the year.

The consumption of water for all purposes in the town continues to show a tendency to increase.

Application is now before the Ministry of Health for sanction to construct an additional borehole at Welcombe Fields, Stratford-upon-Avon. This additional borehole is required, not only to augment supplies during periods of peak demand, but more especially to afford the necessary standby pumping capacity against a possible failure of plant at any of the existing Pumping Stations.

It is hoped that this new borehole will be completed by the summer of 1951.

## RURAL DISTRICT OF STRATFORD-ON-AVON

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POPULATION (estimated)	...	...	...	...	19,720
RATEABLE VALUE	...	...	...	...	£97,871
PRODUCT OF PENNY RATE	...	...	...	...	£388

**PUBLIC HEALTH OFFICERS**

CHIEF SANITARY INSPECTOR AND SURVEYOR: H. J. WEEKS,  
M.R.San.I., F.S.I.A.

DEPUTY CHIEF SANITARY INSPECTOR AND SURVEYOR: J. WOOD,  
A.M.I.S.E., M.R.San.I.; M.S.I.A. Cert. Meat and Food.

ADDITIONAL SANITARY INSPECTOR: A. HILTON, Cert. R.S.I.,  
Cert. Meat and Food.



## VITAL STATISTICS

## COMPARATIVE STATISTICAL TABLES

DETAILS	1945	1946	1947	1948	1949
Estimated Population ...	16200	16680	17200	18010	19720
Live Births (Legitimate) ...	264	293	320	298	330
Live Births (Illegitimate) ...	32	31	20	21	28
Birth rate per 1,000 estimated population ...	18·3	19·4	19·1	17·7	18·2
Still Births (Legitimate) ...	4	8	8	4	3
Still Births (Illegitimate) ...	2	—	3	1	—
Rate per 100 (Live and Still births) ...	19·9	24·1	31·3	15·4	8·3
Deaths ...	184	174	209	178	207
Death rate per 100 estimated Population ...	11·4	10·4	12·2	9·9	10·5
Deaths from Puerperal Sepsis	—	1	—	—	—
Other Puerperal causes ...	—	—	—	—	1
Deaths of Infants under One Year (Legitimate) ...	N.A.	N.A.	N.A.	13	9
Deaths of Infants under one year (Illegitimate) ...	N.A.	N.A.	N.A.	2	2
Rate all Infants per 1000 Live births ...	49·6	27·8	41·0	47·0	30·7
Deaths from Measles (all ages)	—	—	—	—	—
Deaths from Whooping Cough (all ages) ...	1	—	—	—	1
Deaths from Diarrhœa (under two years) ...	1	—	3	2	—
Deaths from Congenital Malformation and Birth injuries ...	8	4	6	7	4
Premature Births ...	3	3	1	2	2

N.A. .... Not available.

## CAUSES OF DEATH

	M.	F.
Typhoid and Paratyphoid ... ..	—	—
Syphilitic Diseases ... ..	—	—
Tuberculosis of Respiratory system ... ..	1	2
Other forms of Tuberculosis ... ..	—	1
Influenza ... ..	2	2
Cancer of Buccal Cavity and Oesophagus (M) Uterus (F) ... ..	1	3
Cancer of stomach and Duodenum... ..	6	—
Cancer of Breast ... ..	—	4
Cancer of all other sites ... ..	9	9
Diabetes ... ..	4	3
Intra-Cranial Vascular Lesions ... ..	8	14
Heart Diseases ... ..	26	29
Other Diseases of circulatory system ... ..	8	1
Bronchitis ... ..	10	4
Pneumonia ... ..	3	8
Other Respiratory Diseases ... ..	2	—
Ulcer of Stomach and Duodenum ... ..	—	2
Appendicitis ... ..	1	—
Other Digestive Diseases ... ..	4	1
Nephritis ... ..	—	1
Congenital Malformation, Birth Injuries ... ..	—	—
Road Traffic Accidents ... ..	2	—
Other violent causes ... ..	4	3
Suicide ... ..	—	—
All other causes ... ..	13	8
<b>Total ... ..</b>	<b>104</b>	<b>95</b>

## INFECTIONS DISEASE NOTIFICATIONS

CLASSIFICATION	0-1	1-3	3-5	5-10	10-15	15-25	25 & over	Age unkn.	Total	Ad.to Hosp.
Scarlet Fever ...	-	-	3	12	1	2	-	-	18	10
Whooping Cough ...	4	10	9	17	3	-	1	-	44	-
Poliomyelitis ...	-	-	-	1	-	1	2	-	4	4
Measles ...	3	17	31	41	7	4	-	-	103	-
Diphtheria ...	-	-	-	-	-	-	-	-	-	-
Pneumonia ...	1	1	1	-	-	1	7	-	11	2
Dysentery ...	-	-	-	-	-	-	-	-	-	-
Smallpox ...	-	-	-	-	-	-	-	-	-	-
Typhoid ...	-	-	-	-	-	-	-	-	-	-
Erysipelas ...	-	-	-	-	-	-	-	-	-	-
Food Poisoning ...	-	-	-	-	-	-	-	-	-	-
Cerebro-spinal fever ...	-	-	-	-	-	-	-	-	-	-
Ophthalmia Neonatorum ...	-	-	-	-	-	-	-	-	-	-
Meningitis ...	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia ...	-	-	-	-	-	-	-	-	-	-
Recurrent Malaria ...	-	-	-	-	-	-	-	-	-	-
Paratyphoid fever ...	-	-	-	-	-	-	-	-	-	-
<b>Total ...</b>	<b>8</b>	<b>28</b>	<b>44</b>	<b>71</b>	<b>11</b>	<b>8</b>	<b>10</b>	<b>-</b>	<b>180</b>	<b>16</b>

## COMPARATIVE STATISTICAL SUMMARY

CLASSIFICATION	1945	1946	1947	1948	1949
Scarlet Fever ...	17	14	24	23	18
Whooping Cough ...	21	29	16	47	44
Poliomyelitis ...	1	-	7	2	4
Measles ...	94	15	183	250	103
Diphtheria ...	1	-	1	-	-
Pneumonia ...	18	12	11	21	11
Dysentery ...	10	-	-	-	-
Smallpox ...	-	-	-	-	-
Typhoid ...	-	-	-	-	-
Erysipelas ...	4	-	-	3	-
Food Poisoning ...	-	-	-	-	-
Cerebro-spinal Fever ...	-	1	1	-	-
Ophthalmia Neonatorum ...	-	-	-	-	-
Meningitis ...	-	-	-	-	-
Puerperal Pyrexia ...	1	1	-	-	-
Recurrent Malaria ...	-	-	-	-	-
Paratyphoid Fever ...	-	-	-	-	-
<b>Total ...</b>	<b>167</b>	<b>72</b>	<b>243</b>	<b>346</b>	<b>180</b>

## TUBERCULOSIS

AGE PERIOD	NEW CASES				DEATHS			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1								
1-5								
5-10	1	1		1				1
10-15								
15-20			1					
20-25	1	2	1			1		
25-35	6							
35-45	5	1	1			1		
45-55	2							
55-65								
65 and upwards								
Age unknown					1			
Total	15	4	3	1	1	2		1

## COMPARATIVE STATISTICAL TABLE

SUMMARY FOR YEAR	NEW CASES				DEATHS			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
1945	10	4	3	1	-	-	-	-
1946	8	3	3	1	2	-	1	-
1947	3	5	-	-	-	1	-	-
1948	11	5	3	2	3	1	1	-
1949	15	4	3	1	1	2	-	1

## SANITARY INSPECTOR'S REPORT

### FOOD INSPECTION

Food inspections have included vehicles and places where food is prepared, and also in cases where the manufacture and sale of ice cream takes place.

### FOOD POISONING OUTBREAKS

Nil.

### CLEAN FOOD CAMPAIGN

The Council have resolved to adopt the new Model Byelaws in accordance with the suggestion made in the Ministry of Food's Circular MF/12/49 dated the 10th August, 1949.



## WATER SUPPLY

During the year ending the 31st December, 1949, the water supplies have been satisfactory, both as regards quantity and quality.

As the bulk of the water supply, apart from the smaller parishes, is obtained in bulk from outside authorities where bacteriological examinations have been made, no samples have been submitted for analysis. None of the supplies are liable to have plumbo-solvent action.

The number of dwellings receiving supplies from public water mains, direct or by means of standpipe, are submitted herewith in respect to each individual parish.

## WATER MAIN EXTENSIONS

One small extension has been undertaken during the year in Alcester Road, Old Stratford and Drayton, and all the cottages and houses adjacent to this main have been connected thereto.

## WATER SHORTAGE

The following parishes experienced shortages of water during the year :—

1. **LOXLEY.**—This village is normally supplied from springs, but due to the falling off in the yield therefrom, it was found necessary to obtain an emergency supply by pumping water from a well adjoining the existing reservoir.
2. **LONG MARSTON AND DORSINGTON.**—These villages are now supplied from the North Cotswold source due to the fact that some difficulty was experienced in supplying these villages from the mains of the Evesham rural district source.
3. **KINETON.**—It was necessary to bring into operation the borehole at Pittern Hill, Kineton, due to the fact that the yield of the springs at King John's Well and Brookhampton were severely affected by the drought. The provision of booster plant in order to assist the high levels in Kineton is being put in hand, and it is hoped to complete this early in the year.
4. **HENLEY-IN-ARDEN.**—Some shortages have been experienced in the Henley-in-Arden district due to the inadequate size of the main from Hockley Heath.

## SEWERAGE

No extensions or additions have been undertaken during the year apart from the work of improving the sewage disposal works at Snitterfield.

## WATER SUPPLIES

NAME OF PARISH	PUBLIC WATER MAINS		
	Direct to Houses	Standpipes	Wells
Admington ... ..	2	28	
Alderminster ... ..	32		108
Atherstone ... ..	4		14
Bearley ... ..	29		30
Beaudesert ... ..	45		24
Billesley ... ..	7		9
Binton ... ..			81
Charlecote ... ..			56
Claverdon ... ..	77		159
Clifford Chambers ... ..	38		73
Combroke and Compton Verney ... ..	2	40	
Dorsington ... ..	18		14
Ettington ... ..			157
Grafton ... ..			132
Fulbroke and Hampton Lucy			152
Kineton... ..	311		26
Langley ... ..			44
Loxley ... ..	12	48	15
Luddington and Milcote ...		27	26
Marston Sicca ... ..	78		14
Moreton Morrell ... ..			117
Newbold Pacey and Ashorne	9		90
Old Stratford and Drayton ...	33		128
Preston Bagot ... ..	4		43
Preston-on-Stour ... ..	3		74
Quinton ... ..	100		34
Snitterfield ... ..	40		201
Tanworth ... ..	251		413
Welford-on-Avon ... ..	21		245
Wellesbourne Hastings and Walton ... ..	23		247
Wellesbourne Mountford ...			165
Weston-on-Avon ... ..			33
Whitchurch ... ..	3		42
Wolverton ... ..			52
Wootton Wawen			
Wootton Wawen ... ..	200		
Ullenhall ... ..	64		109
Henley-in-Arden ... ..	362		
Total ... ..	1,768	143	3,127

### FACTORIES ACTS 1937 AND 1948

#### INSPECTION FOR PURPOSES OF PROVISIONS AS TO HEALTH (including inspections made by Sanitary Inspectors)

Details of Premises	No. on Register	No. of Inspections	Written Notices	Occupiers Prosecuted
Factories in which Secs. 1, 2, 3, 4, and 6 are to be enforced by local authorities ...	20	20	2	Nil
Factories not included in above in which Sec. 7 is enforced ...	33	16	2	Nil
Other premises in which Sec. 7 is enforced (excluding out-workers' premises) ...	17	8	2	Nil
<b>Total</b> ...	<b>70</b>	<b>44</b>	<b>6</b>	<b>Nil</b>

#### CASES IN WHICH DEFECTS WERE FOUND

Particulars	Found	Remedied	No. of Cases referred		No. of prosecutions
			to H.M. Inspector	by H.M. Inspector	
Want of cleanliness ...	6	6	Nil	Nil	Nil
Overcrowding ...	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature ...	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation ...	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors	Nil	Nil	Nil	Nil	Nil
Sanitary Convenience					
(a) insufficient ...	3	2	Nil	Nil	Nil
(b) unsuitable or defective ...	Nil	Nil	Nil	Nil	Nil
(c) not separate for sexes ...	1	1	Nil	Nil	Nil
Other offences against the Act (not including offences relative to outwork) ...	Nil	Nil	Nil	Nil	Nil
<b>Total</b> ...	<b>10</b>	<b>9</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

## RURAL DISTRICT OF ALCESTER

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POPULATION (estimated)	...	...	...	...	13,120
RATEABLE VALUE	...	...	...	...	£51,669
PRODUCT OF PENNY RATE	...	...	...	...	£192

**PUBLIC HEALTH OFFICERS**

CHIEF SANITARY INSPECTOR AND SURVEYOR: C. B. MACHIN,  
M.I.Mun.E., M.I.S.E., Cert. R.S.I.

ADDITIONAL SANITARY INSPECTOR: G. V. BLACKBROUGH,  
A.R.San.I., M.S.I.A., M.R.I.P.H.H.

## VITAL STATISTICS

POPULATION	...	...	...	...	...	13,120
LIVE BIRTHS				Male	Female	Total
Legitimate	...	...	...	91	114	205
Illegitimate	...	...	...	3	7	10
Birth rate per 1,000 estimated population	...	...	...	...	...	16.4
STILLBIRTHS				Male	Female	Total
Legitimate	...	...	...	2	3	5
Illegitimate	...	...	...	-	-	-
Rate per 1,000 (live and stillbirths)	...	...	...	...	...	22.7
DEATHS				Male	Female	Total
				78	84	162
Death rate per 1,000 estimated population	...	...	...	...	...	12.3
DEATHS FROM PUERPERAL CAUSES						
Puerperal Sepsis	...	...	...	...	...	Nil
Other Puerperal causes	...	...	...	...	...	Nil
DEATHS OF INFANTS UNDER ONE YEAR				Male	Female	Total
Legitimate	...	...	...	5	1	6
Illegitimate	...	...	...	-	-	-
Rate all infants per 1,000 live births	...	...	...	...	...	27.9
Deaths from Measles (all ages)	...	...	...	...	...	Nil
„ „ Whooping Cough (all ages)	...	...	...	...	...	Nil
„ „ Diarrhœa (under 2 years)	...	...	...	...	...	1
„ „ Congenital Malformation and birth injuries	...	...	...	...	...	1
Premature Births	...	...	...	...	...	2

## VITAL STATISTICS

DETAILS	1945	1946	1947	1948	1949
Estimated population ... ..	12140	12450	12610	13080	13120
Live Births (legitimate) ... ..	219	207	233	223	205
Live Births (illegitimate) ... ..	20	19	11	16	10
Birth rate per 1,000 estimated population ... ..	19·7	18·2	19·4	18·2	16·4
Still Births (legitimate) ... ..	4	4	6	4	5
Still Births (illegitimate) ... ..	—	—	—	1	—
Rate per 1,000 (live and still births) Deaths ... ..	16·5	17·4	24·0	20·5	22·7
Deaths ... ..	138	136	146	136	162
Death rate per 1,000 estimated population ... ..	11·3	11·0	11·5	10·5	12·3
Deaths from Puerperal Sepsis ... ..	—	—	—	—	—
Other Puerperal causes ... ..	—	—	—	—	—
Deaths of infants under one year (legitimate) ... ..	N.A.	N.A.	N.A.	7	6
Deaths of infants under one year (illegitimate) ... ..	N.A.	N.A.	N.A.	1	—
Rate all infants per 1,000 live births Deaths from Measles (all ages) ... ..	25·1	26·5	36·4	33·5	27·9
Deaths from Measles (all ages) ... ..	—	—	—	2	—
Deaths from Whooping Cough (all ages) ... ..	—	1	1	—	—
Deaths from Diarrhœa (under two years) ... ..	—	1	—	—	1
Deaths from Congenital Malformation and birth injuries ... ..	5	2	1	3	1
Premature births ... ..	—	—	6	5	2

N.A. .... Not available.

## CAUSES OF DEATH

	M.	F.
Typhoid and Paratyphoid ... ..	1	—
Syphilitic diseases ... ..	1	—
Tuberculosis of respiratory system ... ..	1	4
Other forms of Tuberculosis ... ..	—	—
Influenza ... ..	1	2
Cancer of Buccal Cavity and Oesphagus (M) Uterus (F)	3	—
Cancer of stomach and Duodenum ... ..	—	1
Cancer of Breast ... ..	—	4
Cancer of all other sites ... ..	12	9
Diabetes ... ..	—	—
Intra-Cranial Vascular lesions ... ..	13	16
Heart diseases ... ..	25	27
Other diseases of circulatory system ... ..	2	4
Bronchitis ... ..	2	2
Pneumonia ... ..	1	2
Other respiratory diseases ... ..	1	—
Ulcer of Stomach and Duodenum ... ..	2	1
Appendicitis ... ..	—	—
Other digestive diseases ... ..	2	1
Nephritis ... ..	1	5
Congenital malformation, birth injuries ... ..	—	—
Road traffic accidents ... ..	—	—
Other violent causes ... ..	1	1
Suicide ... ..	—	—
All other causes ... ..	6	4
<b>Total ... ..</b>	<b>75</b>	<b>83</b>

## INFECTIOUS DISEASE NOTIFICATIONS

	0-1	1-3	3-5	5-10	10-15	15-25	25 & over	Age unkn.	Total	Ad.to Hosp.
Scarlet Fever ... ..	1	-	3	8	-	-	-	-	12	9
Whooping Cough ... ..	2	5	5	2	-	-	-	-	14	-
Poliomyelitis ... ..	-	-	1	-	-	-	-	-	1	-
Measles ... ..	5	17	30	45	1	-	-	-	98	-
Diphtheria ... ..	-	-	-	1	-	-	-	-	1	-
Pneumonia ... ..	-	3	-	-	-	-	14	-	17	1
Dysentery ... ..	-	-	-	-	-	-	-	-	-	-
Smallpox ... ..	-	-	-	-	-	-	-	-	-	-
Typhoid ... ..	-	-	-	-	-	-	-	-	-	-
Erysipelas ... ..	-	-	-	-	-	-	2	-	2	-
Food poisoning... ..	-	-	-	-	-	-	1	-	1	1
Cerebro-spinal fever ... ..	-	-	-	-	-	-	-	-	-	-
Ophthalmia Neonatorum	1	-	-	-	-	-	-	-	1	-
Meningitis ... ..	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia ... ..	-	-	-	-	-	-	-	-	-	-
Recurrent Malaria ... ..	-	-	-	-	-	-	-	-	-	-
Paratyphoid fever ... ..	-	-	-	-	-	-	-	-	-	-
Total ... ..	9	25	39	56	1	-	17	-	147	11

## COMPARATIVE STATISTICAL TABLE

CLASSIFICATION	1945	1946	1947	1948	1949
Scarlet fever ... ..	19	8	12	21	12
Whooping Cough ... ..	87	101	18	24	14
Poliomyelitis ... ..	2	1	1	1	1
Measles ... ..	379	3	366	134	98
Diphtheria ... ..	8	5	2	-	1
Pneumonia ... ..	34	41	30	12	17
Dysentery ... ..	-	6	-	-	-
Smallpox ... ..	-	-	-	-	-
Typhoid ... ..	-	-	-	-	-
Erysipelas ... ..	2	3	2	2	2
Food poisoning ... ..	-	-	-	-	-
Cerebro-spinal fever ... ..	2	1	-	-	-
Ophthalmia Neonatorum	2	2	-	-	1
Meningitis ... ..	-	-	-	-	-
Puerperal Pyrexia ... ..	2	-	1	-	-
Recurrent Malaria ... ..	-	-	-	-	-
Paratyphoid fever ... ..	-	1	-	-	-
Total ... ..	537	172	432	194	147



## TUBERCULOSIS

Age period	New Cases				Deaths			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1								
1-5								
5-10								
10-15			1					
15-20	1							
20-25	3	1				1		
25-35	2					2		
35-45	2	1				1		
45-55								
55-65								
65 and upwards	2				1			
Age unknown								
Total	10	2	1		1	4		

## COMPARATIVE STATISTICAL TABLE

Summary for year	New Cases				Deaths			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
1945	7	2	1	-	1	-	-	-
1946	3	1	1	2	-	-	1	-
1947	4	2	2	2	1	-	-	1
1948	8	9	4	1	1	4	-	-
1949	10	2	1	-	1	4	-	-

## WATER SUPPLY

Supply has been satisfactory in quality and quantity though in the Alcester area the water is excessively hard.

All piped supplies are regularly analysed bacteriologically and chemically, including the raw water.

The two supplies obtained within the district are chlorinated before distribution. The analyst reports that all supplies to the public are of a high degree of purity.

The water supplied in this area is not liable to plumbo solvent action.

No action was required in respect of any form of contamination.

Parish	Total properties taking a supply	Houses supplied by standpipes (included in col. 1)
Alcester ... ..	900	320
Arrow ... ..	78	20
Wilmcote (Aston Cantlow) ...	125	46
Bidford ... ..	557	50
Coughton ... ..	15	—
Salford ... ..	254	10
Exhall ... ..	60	2
Great Alne ... ..	46	1
Sambourne ... ..	210	—
Kinwarton ... ..	9	—
Morton Bagot ... ..	6	—
Spernal ... ..	11	—
Studley ... ..	1100	204
Wixford ... ..	8	—

## SANITARY INSPECTOR'S REPORT

It should be noted that these figures only cover the months of November and December, 1949.

### NOTICES AND CORRESPONDENCE

Number of Statutory Notices served	Public Health Act, 1936, Sec. 75	5
„ „ „ „	Public Health Act, 1936, Sec. 93 ...	2
„ „ „ „	Public Health Act, 1936, Sec. 39 ...	1
„ „ „ „	served Public Health Act, 1936, Sec. 138	6
„ „ „ „	served Public Health Act, 1936, Sec. 44	1
„ „ „ „	Housing Act, 1936 ... ..	—
„ „	Informal Notices served ... ..	70
„ „	letters sent ... ..	76

### ABATEMENT OF NUISANCES, ETC.

Number abated on service of Statutory Notice	... ..	5
„ of Statutory Notices outstanding 1949	... ..	10
„ abated on service of informal notice	... ..	9

### SANITARY INSPECTION OF AREA

Notifiable infectious diseases	... ..	14
Food premises	... ..	5
Slaughterhouses	... ..	—
Inspections of Works for the abatement of nuisances	... ..	54
Houses inspected (Housing Act)	... ..	—
Housing defects	... ..	48
Drainage defects and obstructions	... ..	28
Factories	... ..	1
Dustbins	... ..	27
Bakehouses	... ..	—
Emergency and occasional slaughters	... ..	1
Tents and Vans	... ..	—
Refuse tips	... ..	2
Schools	... ..	—
Rats and Mice destruction	... ..	2
General inspection	... ..	22
Scavenging visits	... ..	—
Visits re closets	... ..	41
Visits re well water supply	... ..	29
Water samples	... ..	15
Housing investigations	... ..	—
Dirty premises	... ..	3
<b>Total</b>	... ..	<b>292</b>

#### DISINFECTION OF PREMISES

Disinfections are carried out when necessary and disinfectants are supplied free for use in houses where a case of infectious disease has occurred and where tuberculosis patients reside.

#### DISINFESTATION

No complaints have been received regarding vermin infestation.

#### FOOD INSPECTION

During routine visits to food premises no food has been found to be unfit for human consumption.

#### CESSPOOL AND NIGHTSOIL COLLECTION

Cesspools are emptied by mechanical emptier upon request, and a charge is made for the service. There are 300 cesspools in the district.

The collection of nightsoil is weekly and this entails the emptying of 700 pails.

#### REFUSE COLLECTION

The cleansing of the district is done by direct labour and a 14 day collection service is in operation, with more frequent visits to certain hotels and trade premises.

### SEWERAGE

No new works of sewerage or sewage disposal were carried out during 1949, nor were there any important additions to the Sewage Disposal Works,

## CARCASSES INSPECTED AND CONDEMNED, 1949

	Cattle and Cows	Calves	Sheep and Lambs	Pigs
Number killed ... ..	1352	383	5182	144
Number inspected ... ..	1352	383	5182	144
All diseases except tuberculosis whole carcasses condemned ...	18	2	10	3
Carcasses of which some part or organ was condemned ...				
Percentage of the number in- spected affected with disease other than tuberculosis ...	.075%	.522%	.175%	2.082%
Tuberculosis only: whole car- casses condemned ... ..	19	—	2	3
Carcasses of which some part or organ was condemned ... ..				
Percentage of the number in- spected affected with tubercu- losis ... ..	.104%	—	.003%	2.082%

### FACTORIES ACTS 1937 and 1948

INSPECTION FOR PURPOSES OF PROVISIONS AS TO HEALTH  
(including inspections made by Sanitary Inspectors)

Details of Premises	No. on register	Number of		Occupiers Prosecuted
		Inspections	Written Notices	
Factories in which Secs. 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..	12	Nil	Nil	Nil
Factories not included in above in which Sec. 7 is enforced ...	72	29	Nil	Nil
Other premises in which Sec. 7 is enforced (excluding out-workers' premises) ... ..	1	Nil	Nil	Nil
Total ... ..	85	29	Nil	Nil

### CASES IN WHICH DEFECTS WERE FOUND

Particulars	Found	Remedied	Number of Cases referred		No of prosecutions
			to H.M. Inspector	by H.M. Inspector	
Want of Cleanliness ... ..	Nil	Nil	Nil	Nil	Nil
Overcrowding ... ..	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature ...	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation ...	Nil	Nil	Nil	Nil	Nil
Sanitary Convenience ... ..					
(a) Insufficient ... ..	1	1	Nil	Nil	Nil
(b) unsuitable or defective ...	1	1	Nil	Nil	Nil
(c) not separate for sexes ...	1	1	Nil	Nil	Nil
Other offences against the Act (not including offences relating to outwork) ... ..	Nil	Nil	Nil	Nil	Nil
Total ... ..	2	2	Nil	Nil	Nil

**RURAL DISTRICT OF SHIPSTON-ON-STOUR**

POPULATION (estimated)	...	...	...	...	8,090
RATEABLE VALUE	...	...	...	...	£39,389
PRODUCT OF PENNY RATE	...	...	...	...	£148

**PUBLIC HEALTH OFFICERS**

CHIEF SANITARY INSPECTOR AND SURVEYOR, H. C. COOPER,  
M.R.San.I.; M.S.I.A.

ADDITIONAL SANITARY INSPECTOR, D. P. CARPENTER, A. R.San.I.;  
M.S.I.A.





## VITAL STATISTICS

## COMPARATIVE STATISTICAL TABLES

DETAILS	1945	1946	1947	1948	1949
Estimated Population ... ..	7660	7800	7890	8130	8090
Live Births (legitimate) ... ..	124	143	132	121	132
Live Births (illegitimate) ... ..	11	16	9	18	12
Birth rate per 1,000 estimated population ... ..	17·6	20·4	17·9	17·1	17·8
Still Births (legitimate) ... ..	3	1	1	—	4
Still Births (illegitimate) ... ..	1	—	—	—	—
Rate per 1,000 (live and still births)	28·8	6·3	7·0	—	18·3
Deaths ... ..	104	109	103	85	102
Death rate per 1,000 estimated population ... ..	13·6	13·9	13·1	10·5	12·6
Deaths from Puerperal Sepsis ... ..	—	—	—	—	—
Other Puerperal causes ... ..	—	—	—	—	2
Deaths of infants under one year (legitimate) ... ..	N.A.	N.A.	N.A.	3	3
Deaths of infants under one year (illegitimate) ... ..	N.A.	N.A.	N.A.	—	—
Rate all infants per 1,000 live births	37·0	44·0	28·0	21·5	20·8
Deaths from Measles (all ages) ... ..	—	—	—	—	—
„ „ Whooping Cough (all ages) ... ..	—	—	—	—	—
Deaths from Diarrhœa (under two years) ... ..	1	2	1	—	—
Deaths from Congenital Malformation and birth injuries ... ..	—	2	1	2	—
Premature Births ... ..	3	3	2	1	—

N.A. .... Not available.

## CAUSES OF DEATH

	M.	F.
Typhoid and Paratyphoid ... ..	—	—
Syphilitic diseases ... ..	—	—
Tuberculosis of Resp. System ... ..	1	—
Other forms of Tuberculosis ... ..	1	—
Influenza ... ..	—	3
Cancer of Buccal Cavity and oesophagus (m) uterus (f) ... ..	—	—
Cancer of Stomach and Duodenum ... ..	—	1
Cancer of Breast... ..	—	1
Cancer of all other sites ... ..	6	3
Diabetes ... ..	—	1
Intra-Cranial Vascular Lesions ... ..	11	5
Heart diseases ... ..	20	13
Other diseases of circulatory system ... ..	3	1
Bronchitis ... ..	4	1
Pneumonia ... ..	5	4
Other Respiratory diseases ... ..	—	—
Ulcer of Stomach and Duodenum ... ..	—	—
Appendicitis ... ..	—	—
Other digestive diseases ... ..	—	3
Nephritis ... ..	—	3
Congenital Malformation, Birth Injuries ... ..	—	—
Road Traffic Accidents ... ..	4	—
Other violent causes ... ..	1	2
Suicide ... ..	1	—
All other causes ... ..	1	1
<b>Total ... ..</b>	<b>58</b>	<b>42</b>

## INFECTIOUS DISEASE NOTIFICATIONS

	0-1	1-3	3-5	5-10	10-15	15-25	25 & over	Age unkn.	Total	Ad.to Hosp.
Scarlet Fever ...	-	-	-	2	-	-	-	-	2	1
Whooping Cough ...	1	5	-	11	-	-	-	-	17	-
Poliomyelitis ...	-	-	-	-	-	-	1	-	1	1
Measles ...	1	2	8	10	-	-	2	-	23	-
Diphtheria ...	-	-	-	-	-	-	-	-	-	-
Pneumonia ...	-	-	-	-	-	-	-	-	-	-
Dysentery ...	-	-	-	-	-	-	-	-	-	-
Smallpox ...	-	-	-	-	-	-	-	-	-	-
Typhoid ...	-	-	-	-	-	-	-	-	-	-
Erysipelas ...	-	-	-	-	-	-	-	-	-	-
Food poisoning...	-	-	-	-	-	-	-	-	-	-
Cerebro-spinal fever ...	-	-	-	-	-	-	-	-	-	-
Ophthalmia Neonatorum	-	-	-	-	-	-	-	-	-	-
Meningitis ...	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia ...	-	-	-	-	-	-	-	-	-	-
Recurrent Malaria ...	-	-	-	-	-	-	-	-	-	-
Paratyphoid fever ...	-	-	-	-	-	-	-	-	-	-
Total ...	2	7	8	23	-	-	3	-	43	2

## COMPARATIVE STATISTICAL TABLE

CLASSIFICATION	1945	1946	1947	1948	1949
Scarlet fever ...	13	5	5	5	2
Whooping cough ...	4	—	—	9	17
Poliomyelitis ...	—	—	1	1	1
Measles ...	11	4	6	310	23
Diphtheria ...	4	—	—	—	—
Pneumonia ...	4	15	3	9	—
Dysentery ...	—	—	—	—	—
Smallpox ...	—	—	—	—	—
Typhoid ...	—	—	—	—	—
Erysipelas ...	—	1	—	—	—
Food poisoning ...	—	—	—	—	—
Cerebro-spinal fever ...	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—
Meningitis ...	—	—	—	—	—
Puerperal Pyrexia ...	2	—	—	1	—
Recurrent Malaria ...	—	—	—	—	—
Paratyphoid fever ...	—	—	—	—	—
Total ...	38	25	15	335	43

## TUBERCULOSIS

	New cases				Deaths			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1								
1-5			1					
5-10				1				
10-15				1				
15-20		1	1	1				
20-25								
25-35								
35-45								
45-55	1							
55-65								
65 and upwards					1			
Age unknown							1	
Total	1	1	2	3	1		1	

## COMPARATIVE STATISTICAL TABLE

Summary for year	New Cases				Deaths			
	Pul.		Non-Pul.		Pul.		Non-Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.
1945	4	4	2	1	-	1	-	-
1946	5	2	4	2	2	1	-	-
1947	2	-	2	1	-	-	-	-
1948	3	4	-	-	1	-	-	-
1949	1	1	2	3	1	-	1	-

## WATER SUPPLIES

The area comprises the valley of the River Stour and a group of hills up to 750 feet surrounding three sides. The major catchment area is in the River Severn boundary. The low hills are capped with Oolite limestone under which lies the lower Lias Clay. The main sources of water rise at the base of the limestone, but owing to the relatively small catchment areas the springs are of low capacity averaging from 2,000 to 5,000 gallons per day.

The water supply to the small township of Shipston-on-Stour is obtained from springs at Ebrington which lies in the North Cotswold Rural District. This is the only source of water obtained from outside the area.

A small piped system is installed to serve the villages of Halford, Oxhill, Whatcote and Idlicote. The supply is principally by standpipe and owing to the low yield of the springs the scheme is inadequate and strictly limited.

Owing to serious shortage a temporary pumping plant and pipe line to standpipes has had to be installed at Tredington, where water had to be carted throughout the year. A similar temporary supply has been constructed to supply water to parts of the village of Barton-on-the Heath.

The major part of the areas is supplied with water from small springs and wells which are piped to standpipes and in a few instances water is laid on to the houses. All these systems suffer considerably in dry weather and considerable hardship exists. The sources are totally inadequate, incapable of improvement, and primitive in design. Maintenance is heavy and wasteful, and until a complete new scheme is installed no action can be taken to provide water "laid on" to the houses.

The whole of the area is badly in need of an adequate supply of water, and considerable hardships have to be endured by the general public on account of the lack of sufficient supplies. The quality of the existing springs varies during rain periods, and the water then supplied is of doubtful character. The lack of wholesome and sufficient water supply constitutes a grave danger to the general health of the people.

The Council have not yet received approval of their proposed Comprehensive Water Scheme. The Public Inquiry has been held, and it is hoped that the scheme will be given an early priority.

## SHORTAGES

Shortages and difficulties arose at the undermentioned villages during the year :

Brailes, Halford, Oxhill, Whatcote, Idlicote, Ilmington, Tredington, Newbold-on-Stour, Stretton-on-Fosse, Whichford, Tysoe and all villages dependent upon well supplies.

## PLUMBO SOLVENCY

No water supply in the area used as a public supply is considered to be plumbo solvent.

## WATER ANALYSIS

Details of water samples taken are set out below. Action is taken to chlorinate supplies and clean out wells where unsatisfactory water supplies are located.

Samples taken	Satisfactory	Unsatisfactory	River Stour
89	39	46	4

## WATER SUPPLIES

Village	Popu- lation	No. of houses	Stand- pipe	Wells or Pumps	Laid on	No. of houses to be supplied by new scheme
Armscote ...	134	51	—	41	10	
Ascott ...	52	15	4	3	8	
Barcheston ...	20	5	3	—	2	
Barton-on-the- Heath ...	121	35	—	20	15	
Blackwell ...	138	50	—	44	6	
Brailes ...	746	243	165	28	50	
Burmington ...	111	31	16	4	11	
Butlers Marston	185	65	55	2	8	
Cherington ...	225	71	55	10	6	
Darlingscote ...	121	41	—	39	2	
Great Wolford ...	128	46	18	6	22	
Halford ...	220	79	50	4	25	
Honington ...	202	55	30	4	21	
Idlicote ...	80	28	8	4	16	
Ilmington ...	595	195	106	18	71	
Little Compton ...	288	92	55	10	27	
Little Wolford ...	172	40	22	3	15	
Long Compton ...	521	167	93	8	66	
Newbold-on-Stour	243	90	—	82	8	
Oxhill ...	149	63	18	11	34	
Pillerton Hersey ...	92	35	—	32	3	
Pillerton Priors ...	101	40	—	35	5	
Shipston-on-Stour	1459	430	77	10	343	
Stretton-on-Fosse	259	99	48	40	11	
Stourton ...	119	38	—	34	4	
Sutton - under - Brailes ...	103	39	29	4	6	
Tidmington ...	58	13	—	10	3	
Tredington ...	204	73	—	65	8	
Tysoe ...	724	234	97	22	115	
Whatcote ...	69	24	11	3	10	
Whichford ...	220	81	47	11	23	
Willington ...	100	27	17	2	8	
Winderton ...	70	25	18	7	8	
Totals ...	8029	2620	1042	616	970	2169

\* Includes private systems where water is pumped to tanks in house.

**SEWERAGE AND DRAINAGE.**

The only villages in the area served by proper sewerage systems are Shipston-on-Stour and Honington. The remaining villages are served by culverts and old drains which lead to land treatment systems and ditch irrigation. The major part of these systems is most unsatisfactory. Nuisance is kept to a minimum by constant attention to the old drainage systems.

At Stretton-on-Fosse a small sewage system has been constructed to deal with the effluent from the old drains, but cannot be completed and put to work owing to delays in the delivery of a distributor plant.

A small system to deal with 60 houses is to be constructed at Ilmington.



Village	Water Closets	Houses with private treatment or connected to sewer	Mode of Sewage Disposal
Armscote ... ..	12	48	Septic tank for village. New treatment system proposed.
Ascott ... ..	6	14	Private systems and village drains
Barcheston ... ..	1	2	" " " " "
Barton-on-the-Heath	4	23	" " " " "
Blackwell ... ..	10	36	" " " " "
Brailes ... ..	48	140	" " " " "
Burmington ... ..	14	18	" " " " "
Butlers Marston ...	8	47	Private systems and village drains to soakaways
Cherington ... ..	6	58	Private systems and village drains
Darlingscote ... ..	3	25	" " " " "
Great Wolford ... ..	3	36	" " " " "
Halford ... ..	18	62	" " " " "
Honington ... ..	20	54	Sewers and sewage disposal works
Idlicote ... ..	10	26	Private systems and village drains
Ilmington ... ..	48	146	" " " " "
Little Compton ... ..	18	72	Private systems and village septic tank and soakaway
Little Wolford ... ..	6	28	Private systems and village drains
Long Compton ... ..	37	87	" " " " "
Newbold-on-Stour	6	48	" " " " "
Oxhill ... ..	14	49	" " " " "
Pillerton Hersey ...	6	18	" " " " "
Pillerton Priors ...	4	22	" " " " "
Shipston-on-Stour	415	426	Sewers and sewage disposal works
Stretton-on-Fosse ...	21	82	Sewers and sewage disposal works in progress
Stourton ... ..	5	28	Private systems and village drains
Sutton-under-Brailes	6	19	" " " " "
Tidmington ... ..	3	8	" " " " "
Tredington ... ..	8	46	" " " " "
Tysoe ... ..	42	136	" " " " "
Whatcote ... ..	6	16	" " " " "
Whichford ... ..	10	34	" " " " "
Willington ... ..	6	19	" " " " "
Winderton ... ..	4	16	" " " " "
Totals ... ..	828	1889	

## MEAT AND OTHER FOODS.

The inspection of foodstuffs is carried out as regularly as is possible. Centralised slaughtering is carried out in the Stratford District and is inspected at the slaughterhouse. Meat for retail distribution is inspected in the shops.

The inspection of premises where Ice Cream and Cooked Foods are prepared is carried out at frequent intervals. Samples of Ice Cream have been analysed and proved to be Grade I.

Details of foodstuffs condemned are set out below:

Wet Fish	...	...	...	10 stones
Canned fruit and jam	...	...	...	48 lbs.
Canned meat and fish	...	...	...	38 lbs.
Tinned milk	...	...	...	48 tins
Canned vegetables	...	...	...	35 lbs.
Bacon and Ham	...	...	...	33 lbs.

## FACTORIES ACTS 1937 AND 1948.

### 1. INSPECTION FOR PURPOSES OF PROVISIONS AS TO HEALTH (including inspections made by Sanitary Inspectors).

Details of Premises	No. on Register	Number of		Occupiers Prosecuted
		Inspections	Written Notices	
Factories in which Sec. 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..	11	13	Nil	Nil
Factories not included in above in which Sec. 7 is enforced ...	26	34	3	Nil
Other premises in which Sec. 7 is enforced (excluding out-workers' premises) ... ..	18	67	Nil	Nil
<b>Total</b> ... ..	<b>55</b>	<b>114</b>	<b>3</b>	<b>Nil</b>

### 2. CASES IN WHICH DEFECTS WERE FOUND

Particulars	Found	Remedied	No. of cases referred		No. of prosecutions
			to H.M. Inspector	by H.M. Inspector	
Want of cleanliness ... ..	2	2	Nil	Nil	Nil
Overcrowding ... ..	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature ...	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation ...	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors	Nil	Nil	Nil	Nil	Nil
Sanitary conveniences					
(a) Insufficient ... ..	Nil	Nil	Nil	Nil	Nil
(b) Unsuitable or defective	1	1	Nil	1	Nil
(c) Not separate for sexes	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to outwork) ... ..	Nil	Nil	Nil	Nil	Nil
<b>Total</b> ... ..	<b>3</b>	<b>3</b>	<b>Nil</b>	<b>1</b>	<b>Nil</b>

