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**Contributors**

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CITY OF SALISBURY.

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Annual Report of the Medical Officer of Health  
for 1949.

TO THE MAYOR, ALDERMEN AND COUNCILLORS.

I have the honour to submit to you the Annual Report on the state of the Public Health and details of Sanitary Work during the year 1949. The Report of your Sanitary Inspector is incorporated in the above.

I am,

Your obedient Servant,

E. M. WRIGHT,

Medical Officer of Health.

8th September, 1950.

# SECTION A. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres ... ..	2836
Number of inhabited houses at end of 1949 ... ..	8995
Registrar General's estimate of Civilian Population for 1949 ...	33,690
Rateable Value ... ..	£262,581
The sum represented by a Penny Rate ... ..	£1067

	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
<b>BIRTHS.</b> — <i>Live</i> —Legitimate ...	449	214	235	13.33
Illegitimate ...	34	18	16	1.01
All Births ...	483	232	251	14.34

## *Birth Rates*—Five years—

1948 ... ..	16.1
1947 ... ..	20.87
1946 ... ..	18.88
1945 ... ..	18.78
1944 ... ..	18.82
Average ... ..	18.69

The Birth Rate is lower by 1.76 per 1000 in this area than in 1948 and 2.48 lower than in England and Wales.

	<i>Total</i>	<i>Male</i>	<i>Female</i>	
<b>BIRTHS.</b> — <i>Still</i> —Legitimate ...	13	8	5	
Illegitimate ...	—	—	—	
All Births ...	13	8	5	Rate 0.385 per 1000 population

<b>DEATHS.</b>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Rate</i>
	368	188	180	10.92

## *Death Rate*—Five years—

1948 ... ..	9.33
1947 ... ..	11.28
1946 ... ..	12.01
1945 ... ..	13.06
1944 ... ..	12.35
Average ... ..	11.60

Death Rate England and Wales is 11.7.

## *Deaths from Diseases and Accidents of Pregnancy and Child Birth—*

From Sepsis ... ..	0
From other causes ... ..	0

## *Infantile Mortality Rate*—per 1000 live births—

Death Rate of all Infants under one year of age ...	35.1
Total Deaths (legitimate and illegitimate) ...	17
Deaths of Legitimate Infants ...	16
Deaths of Illegitimate Infants ...	1

## Infantile Death Rate—Five years—

1948	...	...	...	...	16.9
1947	...	...	...	...	23
1946	...	...	...	...	29
1945	...	...	...	...	22
1944	...	...	...	...	40
Average	...	...	...	...	26.18

Deaths from Cancer (all ages)	...	...	...	...	63
" " Measles (all ages)	...	...	...	...	<i>Nil.</i>
" " Whooping Cough (all ages)	...	...	...	...	1
" " Diarrhoea (under 2 years of age)	...	...	...	...	<i>Nil.</i>

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case-rates for Certain Infectious Diseases in the Year 1949. Provisional figures based on Quarterly Returns.

				<i>England and Wales</i>	<i>126 C.Bs. and great Towns including London</i>	<i>148 Smaller Towns (Resident Populations 25,000 — 50,000 at 1931 Census).</i>	<i>London Adm. County</i>
				<i>Rates per 1,000 Civilian Population.</i>			
<i>Births—</i>							
Live Births	...	...	...	16.7 (a)	18.7	18.0	18.5
Still Births	...	...	...	0.39 (a)	0.47	0.40	0.37
<i>Deaths—</i>							
All Causes	...	...	...	11.7 (a)	12.5	11.6	12.2
Typhoid and Paratyphoid	...	...	...	0.00	0.00	0.00	0.00
Whooping Cough	...	...	...	0.01	0.02	0.01	0.01
Diphtheria	...	...	...	0.00	0.00	0.00	0.00
Tuberculosis	...	...	...	0.45	0.52	0.42	0.52
Influenza	...	...	...	0.15	0.15	0.14	0.11
Smallpox	...	...	...	0.00	0.00	—	—
Acute Poliomyelitis and Polioencephalitis	...	...	...	0.01	0.02	0.02	0.01
Pneumonia	...	...	...	0.51	0.56	0.49	0.59
<i>Notifications (corrected)—</i>							
Typhoid Fever	...	...	...	0.01	0.01	0.01	0.01
Paratyphoid Fever	...	...	...	0.01	0.02	0.01	0.01
Cerebro-spinal Fever	...	...	...	0.02	0.03	0.02	0.02
Scarlet Fever	...	...	...	1.63	1.72	1.83	1.46
Whooping Cough	...	...	...	2.39	2.44	2.39	1.70
Diphtheria	...	...	...	0.04	0.05	0.04	0.07
Erysipelas	...	...	...	0.19	0.20	0.19	0.17
Smallpox	...	...	...	0.00	0.00	0.00	0.00
Measles	...	...	...	8.95	8.91	9.18	8.54
Pneumonia	...	...	...	0.80	0.91	0.65	0.55
Acute Poliomyelitis	...	...	...	0.13	0.13	0.12	0.18
Acute Polioencephalitis	...	...	...	0.01	0.01	0.02	0.01
Food Poisoning	...	...	...	0.14	0.16	0.14	0.19



	<i>England and Wales</i>	<i>126 C.Bs. and great Towns including London</i>	<i>148 Smaller Towns (Resident Populations 25,000 — 50,000 at 1931 Census).</i>	<i>London Adm. County</i>
	<i>Rates per 1,000 Live Births.</i>			
<i>Deaths—</i>				
All causes under 1 year of age ... ..	32 (b)	37	30	29
Enteritis and Diarrhoea under 2 years of age ...	3.0	3.8	2.4	1.7
	<i>Rates per 1,000 Total (Live and Still) Births.</i>			
<i>Notifications (corrected)—</i>				
Puerperal Fever and Pyrexia ... ..	6.31	8.14	5.30	6.82

#### MATERNAL MORTALITY IN ENGLAND AND WALES.

<i>International List No. and cause.</i>	<i>Rates per 1000 Total (Live and Still) Births.</i>	<i>Rates per million women aged 15-44.</i>
140 Abortion with sepsis ... ..	0.11	8
141 Abortion without sepsis ... ..	0.05	4
147 Puerperal infections ... ..	0.11	
142-146 { Other maternal causes ... ..	0.71	
148-150 {		

(a) Rates per 1000 total population.

(b) Per 1000 related live births

## DEATHS (Corrected). Causation.

<i>Causes of Death.</i>	<i>Males.</i>	<i>Females</i>	<i>Causes of Death.</i>	<i>Males.</i>	<i>Females</i>
All Causes ...	188	180	19 Heart Diseases ...	62	67
1 Typhoid and Paratyphoid Fevers ...	—	—	20 Other diseases of circulatory system ...	11	12
2 Cerebro-Spinal Fever ...	—	—	21 Bronchitis ...	4	3
3 Scarlet Fever ...	—	—	22 Pneumonia ...	10	3
4 Whooping Cough ...	1	—	23 Other resp. diseases ...	2	1
5 Diphtheria ...	—	—	24 Ulcer of stomach or duodenum ...	3	2
6 Tuberculosis of Respiratory System ...	7	4	25 Diarrhoea under 2 years of age ...	—	—
7 Other forms of Tuberculosis ...	1	—	26 Appendicitis ...	1	—
8 Syphilitic Diseases ...	—	—	27 Other digestive diseases ...	3	4
9 Influenza ...	—	2	28 Nephritis ...	2	6
10 Measles ...	—	—	29 Puerperal and post-abort: sepsis ...	—	—
11 Acute Poliomyelitis and Polio-encephalitis ...	3	—	30 Other maternal causes ...	—	—
12 Acute inf. encephalitis ...	—	—	31 Premature Birth ...	2	2
13 Cancer of buc. cav. and œsoph (M); uterus (F) ...	—	5	32 Congenital malformations, etc. ...	4	3
14 Cancer of stomach and duodenum ...	7	6	33 Suicide ...	2	1
15 Cancer of breast ...	—	5	34 Road Traffic Accidents ...	—	1
16 Cancer of all other sites ...	23	17	35 Other violent causes ...	—	1
17 Diabetes ...	2	1	36 All other causes ...	13	11
18 Inter - Cranial vascular lesions ...	25	23			

The above figures only refer to deaths of residents in Salisbury and to those who died outside Salisbury but whose named residence is in this area. There were 515 deaths registered as occurring in Salisbury, 307 of these deaths occurred in institutions and other places. There were 73 Inward Transfer deaths (*i.e.*, those of residents of Salisbury who died outside the area), and 220 Outward Transfer deaths (*i.e.*, those of non-residents who died in the City).

The disposition of the deaths in institutions in the area is as follows:—

	<i>Residents</i>	<i>Non-residents</i>
The Old Manor ...	3	68
Salisbury Infirmary ...	49	102
Tower House ...	16	22
Harnwood Hospital ...	3	5
Nursing Homes ...	16	16
Other places ...	4	3
	91	216



# INFANT MORTALITY.

Causes of Death	Under 1 week	Between 1-2 weeks	2-3 weeks	3-4 weeks	4 weeks and under 3 mths.	3 mths. and under 6 mths.	6 mths. and under 9 mths.	9 mths. and under 1 year	Total
Prematurity	4								4
Cerebral Haemorrhage	2								2
Broncho Pneumonia	1					2		2	5
Volvulus	1								1
Whooping Cough						1			1
Hydrocephalus	1								1
Congenital Malformation of Heart	1								1
Atlectasis	1								1
	11					3		2	16

## INQUESTS WERE HELD ON 11 DEATHS.

<i>Residents</i>	<i>Non-Residents</i>	
1	3	deaths were due to motor-car, motor-cycle or pedal-cycle accidents.
—	1	death due to accidental fall.
3	1	deaths were due to suicide.
—	1	death was due to shock following severe burns or scalds.
—	1	death under anaesthetic.

## **Section B. GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.**

### I. PUBLIC HEALTH STAFF, 1949.

Medical Officer of Health :

E. M. WRIGHT, B.M., B.Ch., D.P.H.

Senior Sanitary and Meat and Food Inspector :

S. APPLEYARD, C.S.I.B., A.R.S.I.

Additional Sanitary and Meat and Food Inspector :

D. A. OWEN, C.S.I.B.

### II.

- (a) Laboratory facilities are available at the Public Health Laboratory, Salisbury General Infirmary, where all examinations of specimens connected with infectious disease, also examinations of milk, ice cream and drinking water are regularly carried out.

## Section C. SANITARY CIRCUMSTANCES OF THE AREA.

### I. *Water.*

- (i) (a) Satisfactory in quality.  
 (b) No restrictions were imposed by reason of lack of water at source, but the plant itself was running very near to capacity.

(ii) Piped supply.

The supply is derived from two wells, and a sample is taken for bacteriological examination before chlorination and after chlorination from each well every week.

On one occasion, 8 faecal type organisms per 100 c.c. were found in one well before chlorination. As soon as this was discovered, the water was re-examined, and there was no evidence of pollution. On three occasions three non-faecal type organisms per 100 c.c. were found in one well, and on one occasion a similar number in the other well, in each case before chlorination.

On every occasion the water from both wells proved to be sterile after chlorination.

- (iii) No plumbo-solvent action.  
 (iv) No action has been necessary regarding contamination.  
 (v) (a) Water supply direct to houses.

No. of houses :—Salisbury City	...	8,995
Outside	„	300
No. of persons :—Salisbury	„	33,690
Outside	„	1,500

No supplies by stand pipe.

### SALISBURY GENERAL INFIRMARY.

#### PATHOLOGICAL DEPARTMENT.

REPORT on the Analysis of a sample of water received on 4.1.49 10 a.m.

Wyndham Road Pumping Station.

Physical Characters.	Excellent.				
	<i>Chemical.</i>			<i>Parts per 100,000.</i>	
Reaction.	Alkaline P.H.	...	...	...	7.3
Saline and free Ammonia		...	...	...	0.002
Organic (or "albuminoid") Ammonia		...	...	...	<i>Nil</i>
Oxygen absorbed from permanganate in two hours at 27° C.	...	...	...	...	0.03
Chlorides	...	...	...	...	1.6
Nitrogen as nitrates	...	...	...	...	1.0
Total Hardness	...	...	...	...	23.2
(a) Temporary	...	...	...	...	18.8
(b) Permanent	...	...	...	...	4.4
Poisonous Metals	...	...	...	...	<i>Nil</i>
Nitrites	...	...	...	...	<i>Nil</i>
Microscopical examination of the Sediment	...	...	...	...	<i>Nil</i>

OPINION : Chemical analysis shows no evidence of pollution.



- (2) *Public Cleansing Refuse Collection*.—This is dealt with by four freighter-type vehicles collecting and delivering to a controlled tip.

### SANITARY INSPECTOR'S REPORT.

During the year 1702 inspections, involving 1781 visits, were made for the investigation and suppression of nuisances, including the following varied types of premises, i.e. :—

550	inspections of dwellings.
189	.. .. ice-cream premises.
135	.. .. cowsheds and dairies.
97	.. .. for drainage.
94	.. .. of factories.
82	.. .. caravans.
62	.. .. licensed premises.

Visits were also paid to the Common Lodging House, bakehouses, butchers' shops, wet and fried fish shops; for infectious diseases, water, milk and ice-cream samples and for unsound food.

144 complaints were investigated during the year: 129 informal and 20 Statutory Notices were served.

More housing inspections were necessary as labour and materials, particularly timber, became increasingly short and, as in 1948, more time has been devoted to food inspection: this subject alone requiring an additional 215 visits.

#### *The Infestation Order, 1943.*

In 1945 the Ministry of Agriculture and Fisheries directed local authorities to keep their sewers and premises free from rats, but it was not until February, 1948—owing to labour difficulties—that a start could be made, the treatment being undertaken by a Mobile Squad of the Ministry of Agriculture and Fisheries. This treatment has been followed by six-monthly maintenance treatments, the latest result (March, 1949) showing a negligible infestation in so large a system. In addition, all complaints were investigated and blocks of premises in the centre of the City have been surveyed, and where necessary, treated.

The following tables complete a summary of the work :—

#### RATS.

<i>Type of premises:</i>	<i>Number of Treatments</i>
Dwellings ... ..	172
Food Premises ... ..	94
Pig Styes ... ..	41
Refuse Tips ... ..	10
Sewage Works ... ..	5
Other Premises ... ..	50
Treatments of blocks of premises: Surveyed 43. Treated 20.	
Treatments of Individual premises: Surveyed 610. Treated 430.	
No. of additional visits for treatments: 955.	
Estimated number of rats killed (based on amount of poison bait taken) ... ..	2812
Dead bodies actually found ... ..	245

## MICE.

<i>Type of Premises:</i>				<i>Number of Treatments</i>
Dwellings	...	...	...	58
Food Premises	...	...	...	55
Other Premises	...	...	...	30
Treatment of Blocks : Surveyed 12. Treated 12.				
Treatment of Individuals : Surveyed 160. Treated 138.				
Number of visits involved : 447.				

*Shops Acts, 1912—38.*

The Local Authority are responsible for the enforcement of the sections dealing with ventilation, temperature, lighting, washing facilities, facilities for taking meals, seats for female shop assistants, and the provision of sanitary accommodation.

*Offices.*

Similarly, the Local Authority are responsible under the Public Health Act, 1936, for dealing with uncleanness, insufficient ventilation, obnoxious effluvia, overcrowding and the provision of sufficient and satisfactory closet accommodation in all places of clerical employment, but, together with shops, and as pointed out each year, it is impossible to give these any attention without an increase in staff. It is not known how many shops or offices there are in the City and, as in previous years, no inspections have been made.

## SANITARY ADMINISTRATION.

Work completed during the year 1949.

*Housing:*

Roofs repaired or renewed	...	...	...	...	21
Chimney stacks repaired or renewed	...	...	...	...	7
Gutters repaired or renewed	...	...	...	...	17
Rainwater pipes repaired or renewed	...	...	...	...	6
External walls repaired or renewed	...	...	...	...	12
Window and door sills repaired or renewed	...	...	...	...	4
Dampness abated :					
i. Repairs to roofs	...	...	...	...	21
ii. Repairs to gutters or rainwater pipes	...	...	...	...	16
iii. Repairs to external walls	...	...	...	...	7
iv. Waterproofing of internal walls	...	...	...	...	32
Yard or passage surfaces paved or repaired	...	...	...	...	2
Wall plaster repaired	...	...	...	...	49
Ceiling plaster repaired	...	...	...	...	36
Rooms cleaned or redecorated	...	...	...	...	14
Ceilings cleaned or redecorated	...	...	...	...	13



Windows repaired or renewed	...	...	...	...	12
Sashcords provided	...	...	...	...	15
Doors repaired or renewed	...	...	...	...	12
Floors repaired or renewed	...	...	...	...	35
Stairs repaired or renewed	...	...	...	...	2
Fire grates or ranges repaired or renewed	...	...	...	...	20
New sink w.p. provided	...	...	...	...	3
New sink provided	...	...	...	...	1
Washing coppers repaired or renewed	...	...	...	...	1
Wash-houses re-built or repaired	...	...	...	...	2
Refuse receptacles provided	...	...	...	...	2
Miscellaneous housing items	...	...	...	...	17
D.P. plinth provided	...	...	...	...	3
Sub-floor ventilation provided	...	...	...	...	3
Sub-floor ventilators repaired or renewed	...	...	...	...	3
Verminous rooms disinfested	...	...	...	...	68
Smoke nuisance abated	...	...	...	...	2
Miscellaneous nuisance	...	...	...	...	1

*Cowsheds and Dairies:*

Proper facilities for sterilising provided	...	...	...	1
--	-----	-----	-----	---

*Sanitary conveniences:*

New W.C.'s provided, complete	...	...	...	2
New W.C. basins provided	...	...	...	4
W.C. cisterns repaired or renewed	...	...	...	13
W.C. compartment repaired	...	...	...	16
Miscellaneous items	...	...	...	8
W.C. and urinal cleansed	...	...	...	4

*Drainage:*

Drains examined	...	...	...	20
„ cleansed	...	...	...	12
„ repaired or reconstructed	...	...	...	9
New Gullies provided	...	...	...	2
Inspection Chamber provided	...	...	...	2
Fresh Air Inlet fixed	...	...	...	1
Ventilation provided	...	...	...	1

*Factories, Workshops and Workplaces:*

W.C. cleansed	...	...	...	3
Miscellaneous items	...	...	...	2



*Food-Preparing Premises, Shops, Stores, etc.:*

Hot Water Supply provided	...	...	...	...	4
Premises cleansed or limewashed	...	...	...	...	14
Structural repairs carried out	...	...	...	...	6
Benches, etc., cleansed	...	...	...	...	2
Miscellaneous items	...	...	...	...	6

PREMISES AND OCCUPATIONS WHICH ARE CONTROLLED BY  
BYE-LAWS OR REGULATIONS.

*Common Lodging House.*—There is one Common Lodging House situated in Winchester Street and registered to accommodate 44 male lodgers. Sufficient and satisfactory closet accommodation is provided and water supply laid on. Both Keeper and Deputy Keeper are registered annually as required and inspections frequently made. The premises are always kept scrupulously clean throughout.

*Offensive Trade.*—There is now only one such trade carried on within the City, viz: The marine store dealer. The premises are generally kept clean and tidy, although it was found necessary to warn against acceptance of stale meat bones which had given cause for complaint.

*Tents and Vans.*—82 inspections of the several caravans within the City were made and on each occasion conditions were found to be generally satisfactory. 9 new licences and 15 renewals of existing licences were granted during the year.

**Section D.      HOUSING STATISTICS FOR THE YEAR 1949.**

Number of new houses erected during the year:—

(a) Total including numbers given separately under (b):—	
(i) By the Local Authority	205
(ii) By other Local Authorities	Nil
(iii) By other bodies or persons	16
(b) With State assistance under the Housing Acts:—	
(i) By the Local Authority	205
(a) For the purpose of Part II. of the Act, 1925	Nil
(b) For the purpose of Part III. of the Act, 1925	Nil
(c) For other purposes:—	
Housing Act, 1946, in course of construction	150

1. *Inspection of Dwelling Houses during the year:—*

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	550
(b) Number of Visits made for the purpose	714
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under Housing Consolidated Regulations, 1925 and 1932	25

2. *Remedy of Defects during the year without Service of Formal Notices :—*

Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers ...	102
---	-----

3. *Action under Statutory Powers during the year :—*

## A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

- |   |            |
|---|------------|
| (1) Number of dwelling houses in respect of which notices were served requiring repairs ... | <i>Nil</i> |
| (2) Number of dwelling houses which were rendered fit after service of formal notices :—    |            |
| (a) By owners ...   | <i>Nil</i> |
| (b) By local authority in default of owners ...   | <i>Nil</i> |

## B.—Proceedings under Public Health Acts.

- |   |            |
|---|------------|
| (1) Number of dwelling houses in respect of which formal notices were served requiring defects to be remedied ... | 20         |
| (2) Number of dwelling houses in which defects were remedied after service of formal notices :—                   |            |
| (a) By owners ...   | *25        |
| (b) By local authority in default of owners ...   | <i>Nil</i> |

\* Including arrears from 1948.

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.  
(Individual Unfit Houses).

- |   |            |
|---|------------|
| (1) Number of dwelling houses in respect of which Demolition Orders were made ... | <i>Nil</i> |
| (2) Number of houses demolished in pursuance of Demolition Orders ...             | <i>Nil</i> |

D.—Proceedings under Sections 25 and 26 of the Housing Act, 1936.  
(Clearance Areas)

- |   |            |
|---|------------|
| (1) Number of dwelling houses in respect of which Demolition Orders were made ... | <i>Nil</i> |
| (2) Number of houses demolished in pursuance of Demolition Orders ...             | <i>Nil</i> |

## E.—Proceedings under Section 12 of the Housing Act, 1936.

- |   |            |
|---|------------|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...  | <i>Nil</i> |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or rooms having been rendered fit ... | <i>Nil</i> |



F.—Number of unsatisfactory dwellings in which undertakings not to relet were given	...	...	...	...	...	4
---	-----	-----	-----	-----	-----	---

Number of Houses owned by the Local Authorities:—

(1) Parts II. and III. of the Housing Act, 1925	...	...	...	...	...	<i>Nil</i>
(2) Other Powers	...	...	...	...	...	<i>Nil</i>
Housing Act, 1919	...	210	Housing Act, 1930	...	112	
" " 1923	...	304	" " 1938	...	12	
" " 1924	...	110	" " 1944	...	100	
" " 1925	...	<i>Nil</i>	" " 1946	...	74	
Plus temporary bungalows erected under the Housing Act, 1944						100
						1948 ... 304
Total						1326

*Housing Act, 1936—Part IV.—Overcrowding.*—

(a) Number of <i>known</i> dwellings overcrowded at end of year	...	4
(b) Number of new cases of overcrowding discovered during the year	...	2
(c) Number of <i>known</i> cases of overcrowding relieved during the year	...	5

As mentioned in 1948, it is obvious from the above figures that the full extent of overcrowding within the City is not known.

*Public Health Act, 1936, Section 83—85.*

Number of inspections in connection with verminous premises	...	26
Number of visits entailed	...	34
Number of re-visits	...	28
Number of new cases	...	16
Number of verminous rooms sprayed	...	68

**Section E.**

INSPECTION AND SUPERVISION OF FOOD AND PLACES WHERE  
FOOD IS PREPARED.

*Slaughter Houses and Meat Inspection.*—The eight private slaughter houses, within the City were closed in January, 1940, and the work transferred to the Government controlled abattoir at Stratford. This reduced work is offset by the increased number of requests received for the condemnation of blown and damaged tins and of other foodstuffs to which the rationing orders and "points" systems apply. Requests are also frequently made for the inspection of meat at the distributing centre and the butchers' shops within the City. Details of meat surrendered and destroyed are included in the list below.



*Other Food Preparing Premises.*—There were 29 Butchers' Shops, 17 Bake-houses, 10 Fried Fish Shops, 64 Restaurant Kitchens (19 of these being also licensed premises), 5 Ice-cream Manufacturers, and 85 Ice-cream Dealers on the registers at the end of the year, showing an increase of 40 ice-cream dealers. It is also known that a number of Restaurants and Hotels serve, and possibly make, ice-cream, but again it has not been possible to investigate them. 268 ice-cream samples (compared with 420 during 1948) were submitted for Bacteriological examination, and 214 (79.85%) satisfied the provisional recommendations of the Ministry of Health.

*Food Poisoning Outbreaks.*

- |  |     |     |     |     |    |
|--|-----|-----|-----|-----|----|
| (a) Total number of outbreaks  | ... | ... | ... | ... | 2  |
| (b) Number of cases  | ... | ... | ... | ... | 43 |
| (c) Number of deaths   | ... | ... | ... | ... | 0  |
| (d) In the first outbreak, no organisms or other agents to which it could be attributed were discovered. The second outbreak was probably due to a staphylococcal toxin. |     |     |     |     |    |
| (e) The first outbreak was believed to be due to contaminated mince-meat preserve. The second outbreak was probably due to veal pie.                                     |     |     |     |     |    |

Additional work during the past few years has been the inspection of all premises referred from the Food Office with respect to applications for catering licences—chiefly licensed houses—as to their suitability for the preparation and serving of food. The closest co-operation is maintained with the Food Executive Officer in this. Similarly, all building licences in connection with catering establishments are submitted by the Food Office to this department for inspection and approval.

Details of the amount of food examined and voluntarily surrendered as unfit for human consumption are as follows:—

2887	Blown and damaged tins of fruit, fish, milk & vegetables.	30	lbs. sugar.
1239½	lbs. fresh and frozen meat.	28	lbs. dried egg.
812	Jars preserves and pickle.	20½	lbs. sweets.
371	Packets, 299 lbs., and 6 boxes cereals.	18	Packets crisps.
765	Crumpets.	15	lbs. chitterlings.
561	Loaves.	15	lbs. sponge mixture.
542½	lbs. tinned meat.	13	Fish cakes.
445	Jars bottled fruit.	12	Packets saccharines.
436	Bottles salad cream.	12	Bottles of coffee.
331	lbs. onions.	12	lbs. tongue.
170	lbs. dried fruit.	10	Jars paste.
154	stone 11½ lbs. fish.	9	lbs. nuts.
151	lbs. fat.	8	lbs. grapes.
147	Shell fish.	6¾	Stone roes.
85	lbs. cheese.	4½	lbs. pudding mixture.
84	lbs. jam.	4½	lbs. cucumber.
52	lbs. cake.	4	lbs. tomatoes.
48½	lbs. ham and bacon.	2	lbs. Cornish pastry mixture.
		2	Jars essence.
		¾	lb. tea.



*The Market Place.*—An effort is made to make twice-weekly inspections of the market stalls with a view to observing the sale of unsound food and also compliance with the Meat Regulations as to proper covering of stalls, etc. Several complaints were made to the police respecting the sale of unsound food, and other foodstuffs were noted by the Sanitary Inspectors and warnings given. The general untidy condition of the ground, particularly with reference to vegetable waste, also calls for some comment.

#### *Cow Sheds and Dairies.*

135 inspections were made of the 6 cow sheds and 16 dairies within the City boundaries.

The 2 pasteurising plants are regularly inspected and samples taken, results being shown below. 1 cow-keeper is licensed for the production and distribution of "T.T.," and 1 for the wholesale production only of "T.T." milk. 4 dealers are licensed for the distribution of "T.T.," whilst 5 retail milk from "Tuberculin Tested" cattle as undesignated milk. This arrangement allows the farmer to draw the "T.T." subsidy, but the public are not charged extra for the milk. Similarly, much of the milk purveyed in the City is "Pasteurised," though not officially labelled as such. This is all to the good, as safer milk is being consumed, and the former prejudice against "Pasteurised" milk is being overcome. Higher percentages of satisfactory milks were recorded in the case of "T.T." and "Pasteurised" milk, with lower percentages in the case of "Accredited" and undesignated milk, particularly the latter, thus stressing the desirability of upgrading of the milks to designated standards.

In October, 1949, the control of cow sheds and milk production was transferred to the Ministry of Agriculture and Fisheries, the local authority only remaining responsible for the supervision of main water supplies, drainage and the erection of new buildings at the farm. The fortnightly quality testing under the National Milk Testing and Advisory Service has been abolished, all the emphasis being placed on graded milk, and little or no attention is being paid at the farm to the production of clean undesignated milk, though the powers of sampling, registration and inspection of dairy premises, other than farms, remain with the local authority.

#### *Milk Sampling.*

63 samples of Undesignated Milk were submitted to the Bacteriologist and 41 (65%) were found to be satisfactory with regard to cleanliness.

16 samples of Accredited Milk were submitted and 13 (81.2%) satisfied the requirements of the Milk (Special Designations) Orders, 1936/46.

14 samples of Tuberculin Tested Milk were also submitted and 12 (85.7%) of these proved to be satisfactory.

35 samples of Pasteurised Milk were submitted and 32 (91.4%) satisfied the requirements of the Order.

42 samples of milk taken from the 20 retailers supplying the City were submitted to the Tuberculin (Biological) Test and 41 (97.6%) proved satisfactory.

*Bottle Washings.*—54 washed milk bottles were subjected to bacteriological examination for cleanliness and 51 (94.4%) passed. The percentage of satisfactorily washed bottles has thus continued to improve steadily since sampling was begun in 1940.



## BIOLOGICAL MILK SAMPLES.

Summary of samples submitted for the presence of Tuberculosis during the past ten years :—

		<i>Samples taken.</i>	<i>Satisfactory.</i>	<i>% Satisfactory.</i>
1939	...	24	24	100%
1940	...	23	20	87%
1941	...	17	17	100%
1942	...	8	8	100%
1943	...	40	38	95%
1944	...	58	54	93%
1945	...	76	74	97%
1946	...	44	42	95%
1947	...	29	29	100%
1948	...	66	64	96.9%

FACTORIES ACT, 1937. PUBLIC HEALTH ACT, 1936.

## FACTORIES AND WORKPLACES.

PREMISES.	Number on Register.	Number of		Occupiers Prosecuted.
		Inspections	Written Notices.	
(i) Factories in which Sections 1, 2, 3, 4 & 6 are enforced by L.A. ...	49	8	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by L.A. ...	126	46	5	—
(iii) Other premises in which Section 7 is enforced by the L.A. (excluding outworkers premises) ...	3	3	—	—
TOTAL	178	57	5	—

## 2. NUISANCES AND DEFECTS FOUND.

PARTICULARS.	No. of cases in which defects were found				No. of cases in which prosecutions were instituted.
	Found.	Remedied.	To H.M. Inspector.	By H.M. Inspector.	
Want of Cleanliness ...	5	1	—	—	—
Sanitary conveniences :					
(a) insufficient ...	1	—	—	—	—
(b) unsuitable or defective ...	15	10	1	—	—
(c) not separate for sexes ...	—	—	—	—	—
Other offences against the Act ...	4	1	1	—	—
TOTAL	25	12	2	—	—



## 3. OUTWORKERS.

NATURE OF WORK.	SECTION 110.		SECTION 111.		
	No. of out-workers in August list required by Section 110 (1) (c).	No. of cases of default in sending lists to the Council.	No. of instances of unwholesome premises.	Notices served.	Prosecutions.
Making wearing apparel ... ..	26	25	—	—	—
Curtains and furniture hangings, etc. ...	3	3	—	—	—
<b>TOTAL</b>	29	28	—	—	—

**Section F.**

## PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Homes are visited by the Sanitary Inspectors upon receipt of notification of infectious disease and enquiries made with respect to contacts and the possible source of infection.

Bedding is removed for steam disinfection when considered necessary and disinfectant supplied to householders where infectious disease occurs, with instructions given for its use.

## NOTIFIABLE DISEASES (other than Tuberculosis) during 1949.

Notified Cases	All ages	under 1 year	1-5	5-15	15-25	25-45	45-65	65	Removed to Hospital
Scarlet Fever	16		7	9					14
Diphtheria	1		1						1
Puerperal Pyrexia	5				2	3			In hospital
Whooping Cough	42	4	27	11					2
Measles	73	1	48	24		1			
Acute Poliomyelitis	4		2	2					4
Erysipelas	1					1			1
Food Poisoning	43			30	9	4			
Acute Polioencephalitis	1			1					1

*Tuberculosis.**Primary Cases and Mortality during 1949.*

Particulars of primary cases of tuberculosis and of deaths from the disease in the area during 1949 :—

AGE PERIODS	PRIMARY CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0—1								
1—5			1	1				
5—15				3				
15—25	2	2		1				
25—35	4	3		1	2	2		
35—45	4	2	1	2	3	2		
45—55	4	2			6	1		
55—65	3	1			4			
65 and up	2			1	1			
Totals	19	10	2	8	16	5		

There were at the end of 1949 156 cases of Pulmonary Tuberculosis and 37 cases of Non-Pulmonary Tuberculosis on the Register.