

**[Report 1941] / Medical Officer of Health, Workington Borough.**

**Contributors**

Workington (England). Borough Council.

**Publication/Creation**

1941

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# CONTENTS

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	Page
Staff        ...        ...        ...        ...        ...	3
Statistical and Social Conditions of the Area	6—8
Population; Birth Rate; Death Rate; Deaths in Age Groups; Causes of Death over 65 years; Causes of Deaths of Infants under 1 year; Infantile Mortality.	
General Provisions for Health Services for the Area                ..        ...        ...        ...	9
Laboratory Facilities.	
Maternity and Child Welfare        ...        ...	9—14
Midwifery Cases; Medical Examination of Expectant Women; Dental Treatment; Post-Natal Examinations; Institutional Treatment; Health Visitors; Notification of Births Act 1936; Orthopaedic Treatment.	
Sanitary Circumstances of the Area        ...	14
Water Supply; Public Cleansing.	
Housing    ...        ...        ...        ...        ...	14—16
Inspection and Supervision of Food        ...	16—17
Milk Supply; Meat and Other Foods.	
Prevalence of, and Control over, Infectious and Other Diseases        ...        ...        ...	17—18
Cancer.	
Causes of Death    ...        ...        ...        ...	19—21
Sanitary Inspection of the Area        ...        ...	22- 27
Inspections; Works Executed; Verminous Premises; Food Inspections.	

## STAFF OF THE PUBLIC HEALTH DEPARTMENT.

---

ROBERT W. MACPHERSON,		Medical Officer of Health.
M.D., Ch.B., D.P.H.		School Medical Officer.
WILLIAM EADIE, M.D.	...	Deputy Medical Officer of Health (part-time). Resigned October, 1941.
R. E. FLETCHER, M.B., Ch.B.		Deputy Medical Officer of Health. (Appointed December, 1941).
§*RICHARD JAMES	...	Chief Sanitary Inspector. Housing and Meat Inspector.
§*STANLEY M. CARRUTHERS		Assistant Sanitary Inspector.
†PERCY L. LYNN	...	Assistant Sanitary Inspector (part-time).
JOHN ASKEW	...	Dental Officer—Maternity and Child Welfare (part-time).
NURSE PRESCOTT	...	Health Visitor.
NURSE MORGAN	...	Health Visitor.
NURSE PURDY	...	Municipal Midwife.
Mrs. CAVE	...	Municipal Midwife.
Mrs. WILLIAMS	...	Municipal Midwife.
NURSE RICHMOND	...	Municipal Midwife.
GEORGE ELLIOTT	...	Chief Clerk (On Active Service since September, 1939).
DONALD MUIR	...	Junior Clerk (On Active Service since September, 1941).
Mrs. M. ROBINSON	...	Clerk—Maternity & Child Welfare.
Miss M. SKELTON	...	Temporary Clerk.
Miss P. CHARNLEY	...	Temporary Clerk.
Dr. J. A. ROSS	...	Consulting Ophthalmic Surgeon, Carlisle, for Maternity and Child Welfare.

\* Certificate of R.S.I. and Sanitary Inspectors' Joint Board.

§ Certificate of Meat and Other Foods (R.S.I.)

† Certificate of R.S.I.



PUBLIC HEALTH AND MATERNITY AND  
CHILD WELFARE COMMITTEE.

1941-42.

---

Alderman L. CASSON (Chairman).

THE MAYOR (Councillor J. Monkhouse).

Alderman Goss.

Councillor Mrs. CAIN.

„ CATTRELL.

„ CLUCAS.

„ HUNTER.

„ O'HAGAN.

„ Mrs. SMITH.

„ TAYLOR.

„ UHRIG.

„ S. WALKER.

Mrs. C. A. VALENTINE	}	<i>Co-opted Members Maternity and Child Welfare.</i>
Mrs. HEYWOOD.		
Mrs. JOHNSTONE		

Mrs. E. APPLEBY, C.C.	}	<i>Co-opted Members from Cumberland County Council.</i>
Mr. J. J. ADAMS, J.P., C.A.		

Mr. J. R. COCKFIELD, Town Clerk,

TOWN HALL,

WORKINGTON,

July, 1942.

TO THE MEMBERS OF THE PUBLIC HEALTH AND  
MATERNITY AND CHILD WELFARE COMMITTEE.

Mr. Chairman, Ladies and Gentlemen,

I beg to present my Annual Report for the Year  
1941.

The health of the community has been well maintained during the year, and this statement is confirmed by the low mortality rates and the small number of infectious diseases.

Compared with the previous year the birth rate remains about the same, the general death rate is less, and the infantile mortality rate is remarkably low.

The number of cases of infectious diseases was very small, with the exception of Whooping Cough which assumed epidemic form.

Unfortunately there is no provision for the hospital treatment of severe cases of Measles and Whooping Cough. Hospital treatment of these cases is very necessary where the home conditions are overcrowded and unsatisfactory.

The situation with regard to housing conditions remains difficult.

I again express my appreciation to all Members of the Staff of the Public Health Department for the efficient manner in which they have carried out their duties.

I am,

Ladies and Gentlemen,

Your obedient servant,

ROBERT W. MACPHERSON, M.D., CH.B., D.P.H.,  
Medical Officer of Health.

## SECTION A.

### STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

	Birth Rate per 1,000 population.	Death Rate per 1,000 population.	Infantile Mortality Rate per 1,000 live births.
WORKINGTON .....	16.43	13.43	59.3
Area (in acres) .....			5,641
Population (R.G.'s Estimate, 1941) .....			28,360

#### VITAL STATISTICS.

##### *Births.*

	Total.	Males.	Females.
Live Births .....	466	249	217
Legitimate .....	438	233	205
Illegitimate .....	28	16	12

Birth Rate per 1,000 of Estimated Population = 16.43.

##### *Still Births.*

	Total.	Males.	Females.
Still Births—Legitimate .....	20	11	9
—Illegitimate ....	3	—	3
	—	—	—
Total ...	23	11	12
	—	—	—

##### *Deaths.*

	Total.	Males.	Females.
Deaths .....	381	191	190



## DEATHS OF RESIDENTS IN AGE GROUPS.

	Under 1 Year	1-5	5-15	15-25	25-45	45-65	65 and over	Total
Males	15	5	3	10	9	70	79	191
Females	13	4	9	8	15	54	83	186
Total	28	9	12	18	24	124	162	377

## CAUSES OF DEATH OVER 65 YEARS.

CAUSE OF DEATH	65-70	70-75	75-80	80-85	85-90	90 and over	Total
Cerebral Haemorrhage, etc.	6	8	5	3	1	...	23
Heart Disease ...	12	8	12	6	6	...	44
Cancer ...	10	8	2	2	1	...	23
Bronchitis ...	...	1	2	5	2	...	10
Pneumonia ...	...	...	3	1	...	...	4
Senility ...	...	10	4	9	7	2	32
Suicide ...	...	...	...	...	...	...	...
Other Violence ...	2	2	1	...	...	...	5
Nephritis ...	...	1	1	...	...	...	2
Tuberculosis ...	...	...	...	...	...	...	...
Diabetes ...	2	...	...	...	...	...	2
Influenza ...	...	...	...	...	...	...	...
Other Defined Diseases ..	4	8	3	1	...	1	17
TOTAL ...	36	46	33	27	17	3	162

*Deaths from Puerperal Causes.*

	Deaths.	Rate per 1,000 (live and still births).
Puerperal Sepsis .....	—	—
Other Puerperal Causes .....	—	—

*Death Rate of Infants under 1 year of age.*

All Infants per 1,000 Live Births .....	59.3
Legitimate Infants per 1,000 Legitimate Live Births	63.9



Illegitimate Infants per 1,000

Illegitimate Live Births Nil.

Deaths from Cancer (all ages) .....	61
Measles (all ages) .....	Nil
Whooping Cough (all ages) .....	2
Diarrhoea (under 2 years of ages) .....	4

DETAILS OF THE CAUSES OF DEATHS OF  
INFANTS UNDER ONE YEAR.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total Under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year.
Measles ... ..										
Scarlet Fever ... ..										
Whooping Cough ... ..									1	1
Diphtheria ... ..										
Influenza ... ..										
Tuberculous Meningitis ..										
Other Tuberculous Diseases										
Convulsions .. ..	1		1		2		1	1	2	6
Laryngitis ... ..										
Bronchitis ... ..				1	1					1
Pneumonia ... ..	1				1	1	2	1		5
Diarrhoea ... ..										
Enteritis ... ..						1			1	2
Gastritis ... ..										
Suffocation, overlaying										
Atrophy, Debility and										
Marasmus ... ..	1				1		1			2
Congenital Malformations	1	1			2	1				3
Premature Birth ... ..	6				6					6
Other Causes ... ..	1				1		1			2
TOTALS ...	11	1	1	1	14	3	5	2	4	28

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

(a) *Municipal Laboratory.*

	<i>Positive.</i>	<i>Negative.</i>	<i>Total.</i>
Swabs .....	3	59	62

(b) *Cumberland Pathological and Bacteriological  
Laboratory, Carlisle.*

Blood for Typhoid .....	6
Faeces for Typhoid .....	1
Blood for Wassermann Test .....	1
Sputa for Tuberculosis .....	42
Swabs for Diphtheria .....	6
Swabs for C.S.F. ....	—
Fluid for C.S.F. ....	5
Urine Examinations .....	—
Vaginal Swab .....	—
	61
	—

*Midwives' Act, 1936.*

The following table shows the cases attended during the year:—

	Jan.	Feb.	Mar.	Apl.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Midwifery Cases ...	22	19	19	19	20	16	24	17	24	16	17	16
Nursing Visits	389	334	402	379	365	259	535	327	490	332	318	281
Ante-Natal Visits	228	202	217	276	228	120	263	176	229	212	193	196

Total Number of Cases .....	229
Total Number of Nursing Visits .....	4,411
Total Number of Ante-Natal Visits .....	2,540



*Medical Examination of Expectant Women.*

All uninsured expectant women are medically examined at least once during the expectant period.

	Place of Examination.				Total
	At Home	Dr's Surgery	Clinic	Infirmmary	
1st Examination	79	166	117	70	432
2nd Examination	34	31	18	32	115
3rd Examination	2	10	1	4	17
4th Examination	3	5		...	8
	118	212	136	106	572

*Findings at Examinations.*

Normal Cases .....	239
Abnormal Cases .....	193
	<hr/> 432 <hr/>

*Recommended for Hospital.*

(a) On account of home conditions .....	20
(b) On account of patient's condition .....	24
Recommended to have a Doctor at confinement .....	3
Recommended to have Specialist's opinion ...	13
Recommended to have extra nourishment ...	—
Recommended to have dental treatment .....	67

*Summary of Abnormalities found during  
Ante-Natal Examinations.*

Varicose Veins .....	31
Heart Conditions .....	1
Contracted Pelvis .....	20
Albuminuria and Oedemia .....	61
Vaginal Discharge .....	7
Anaemia .....	5
Malpresentation .....	38



Haemorrhage .....	4
Other Conditions .....	25
	<hr/>
	192
	<hr/>

*Dental Treatment for Expectant Women.*

The number of expectant women who were recommended to have dental treatment was 67, 26 of whom actually received treatment. The 26 who received treatment made 29 attendances at the clinic. The treatment was as follows:—

Extractions .....	67
Fillings .....	1
Other Operations .....	—

*Post Natal.*

	Place of Examination.				Total
	At Home	Dr's Surgery	Clinic	Infirmary	
1st Examination	228	14	2	139	383
2nd Examination	56	27	1	1	85
	284	41	3	140	468

*Institutional Treatment for Mothers or Children.*

The Maternity Ward of the Workington Infirmary admits cases from the Borough.

The particulars of the total admissions for 1941 are as follows:—

No. of cases admitted ..... 236

No. of cases delivered by:—

(a) Midwives ..... 143

(b) Doctors ..... 72

(c) Caesarean Section ..... 6

Average duration of stay in hospital ..... 14 days

Medical help sought by Midwives .....	57
No. of children not entirely breast fed whilst in the Maternity Ward .....	16
No. of Maternal Deaths .....	—
No. of Infants dying within 10 days of birth .....	3
No. of cases notified as Puerperal Pyrexia .....	—

There was an increase of 8 admissions to the Maternity Ward compared with the previous year.

Forty-four women were admitted to the Maternity Ward under the scheme of reduced charge and the contributions were as follows:—

Admitted Free .....	—
5/- per week .....	1
7/6 per week .....	—
10/- per week .....	7
12/6 per week .....	—
15/- per week .....	28
20/- per week .....	—
21/- per week .....	8
	—
	44
	—

#### *Health Visitors.*

The following were the home visits paid by the two Health Visitors:—

A.—Visits paid to Infants under one year:	
First Visits .....	648
Total Visits .....	4,733
B.—Visits paid to Children between 1-5 years	5,949
C.—Expectant Mothers:	
First Visits .....	35
Total Visits .....	87

The following shows the amount of dried milk issued under the Classified Milk Scheme:—

Dried Milk.		Malt Foods.	Total.
(No. of Packets)			
Free Issues .....	—	436	436
Sales .....	—	127	127
	—	—	—
	—	563	563

*Notification of Births Act, 1907.*

There has been no delay in carrying out the provisions of the above Act and notifications have been received within the prescribed time.

No. of Live Births Notified .....	466
No. of Still Births Notified .....	23

Total ... 489

Births Notified by :—

(a) Midwives .....	466
(b) Doctors .....	—
(c) Doctors and Midwives .....	23

Total ... 489

*Orthopaedic Treatment.*

The scheme for the treatment of infant cripples continues to give results. Medical Practitioners are always ready to make use of this scheme by referring cases for treatment.

No. of cases on Register 1st January, 1941 33

No. of cases removed from register :—

(a) Deformity corrected .....	7
(b) Left District .....	2
(c) Transferred to School List .....	—
(d) Fatal .....	1

10



No. of new cases ascertained .....	11
No. of cases on register 31st December, 1941	34
Of the 34 cases on the register the causes of crippling conditions were due to:—	
Infantile Paralysis .....	6
Injury at Birth .....	3
Rickets .....	12
Congenital Defects .....	8
Arthritis .....	1
Talipes .....	4
	—
	34
	—

---

## SECTION C.

### SANITARY CIRCUMSTANCES OF THE AREA.

#### *Water.*

Water supplies for the area have been fully described in previous reports.

The change in Refuse Collection in Central Districts was made in June, 1941. This provided special days for collecting salvage only and reduced refuse collection to alternate days.

---

## SECTION D.

### 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) ..... 1201
- (b) Number of inspections made for the purpose 2793
- (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ..... 17
- (b) Number of inspections made for the purpose 17

- (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ..... Nil
- (4) Number of dwelling-houses (exclusive of head) found not to be in all respects fit for those referred to under the preceding sub-human habitation ..... 1201

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 other officers ..... 1145

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :

- (a) Proceedings under Sections 9, 10 and 16 of Housing Act, 1936 :
- (1) Number of dwelling-houses in respect of which notices were served requiring repairs 40
- (2) Number of dwelling-houses which were rendered fit after service of formal notices :
- (a) By Owners ..... 40
- (b) By Local Authority in default of Owners Nil
- (b) Proceedings under Public Health Acts :
- (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ..... 16
- (2) Number of dwelling-houses in which defects were remedied after service of formal notices :
- (a) By Owners ..... 16
- (b) By Local Authority in default of Owners Nil
- (c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :
- (1) Number of dwelling-houses in respect of which Demolition Orders were made ..... Nil
- (2) Number of dwelling-houses demolished in pursuance of Demolition Orders ..... Nil



- (d) 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 ..... Nil
  - (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ..... Nil
- 

## SECTION E.

### INSPECTION AND SUPERVISION OF FOOD.

Particular attention has been paid to this subject, and every possible consideration is given to the salvage of foodstuffs without detriment to the consumers. Whenever possible, condemned foodstuffs are allocated for animal feeding.

#### *Milk Supply.*

The number of Milk Producers in the Borough is 26, and the number of Purveyors on the Register is 59. On 7 farms within the Borough Accredited Milk is produced under licence from the County Council. Two Purveyors are licenced to retail Accredited Milk, 2 Pasteurised Milk and 1 Tuberculin Tested Milk.

During the year 2 samples of Accredited Milk, 3 samples of Pasteurised Milk, and 6 samples of Tuberculin Tested Milk were submitted to the Bacteriologist for examination and all proved satisfactory and to comply with the prescribed conditions. One hundred and forty-eight samples of Ordinary Milk were examined and 61 proved satisfactory. Careful attention is given to the production and distribution of Milk, and during the year 246 visits were made to dairies and cowsheds.



Three samples of Milk upon examination were found to contain Tubercle Bacilli and the Divisional Veterinary Officer of the Minister of Agriculture and Fisheries was immediately notified so that herds in question could be examined and the cows affected isolated and slaughtered.

*Meat and Other Foods.*

Warehouses, shops, stalls and vehicles have been frequently inspected and generally speaking the various Acts and Regulations have been well complied with. Details of meat inspection, foodstuffs condemned, etc., are dealt with in the Report of the Chief Sanitary Inspector.

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## SECTION F.

### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Points of interest with regard to notifiable and non-notifiable diseases during the year:—

Small number of cases of Diphtheria and Scarlet Fever.

No cases of Typhoid or Paratyphoid Fever.

Small number of cases of Cerebro-Spinal Meningitis.

Whooping Cough present in Epidemic Form.

*Diphtheria.*

There were eight notifications of this disease. None of the cases had been immunised. All the cases were removed to Hospital and two cases proved fatal after admission.

*Diphtheria Immunisation.*

The percentage of children immunised under 5 years—14.00%.

The percentage of children immunised between 5-15 years—67.68%.

*Scarlet Fever.*

The number of notifications of cases of Scarlet Fever was twenty-two—six more than in the previous year. Sixteen cases were removed to Hospital and six cases were isolated at home.

There were no deaths from this disease.

*Typhoid and Paratyphoid Fever.*

There were no cases of Typhoid or Paratyphoid Fever.

*Erysipelas.*

There were eleven cases of Erysipelas notified and no deaths from this disease.

*Measles and Whooping Cough.*

There were twenty-two cases of Measles notified—none of the cases proved fatal.

*Cerebro-Spinal Fever.*

There were six cases of Cerebro-Spinal Fever notified—none of the cases proved fatal.

*Ophthalmia Neonatorum.*

No case occurred.

*Puerperal Pyrexia.*

There was one case of Puerperal Pyrexia notified.

## CANCER.

The following table shows the number of deaths from Cancer, according to age and sex distribution:—

<i>Age Group.</i>	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>
20—30 years .....	—	—	—
30—40 „ .....	—	1	—
40—50 „ .....	2	2	4
50—60 „ .....	3	4	7
60—70 „ .....	7	11	18
70—80 „ .....	4	7	11
80—90 „ .....	1	3	4
	—	—	—
	17	28	44



# NOTIFIABLE DISEASES IN AGE GROUPS AND WARDS during the year.

DISEASE.	AGE PERIODS											WARDS.							Total Cases Notified.	Removed to Hospital	Deaths.		
	Under 1 year	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	65 and over	St. John's North	St. John's South	St. Michael's West	St. Michael's East	Seaton Ward	South Ward				Harrington Ward	
Smallpox ...	—	—	—	—	2	5	1	—	—	—	—	—	2	—	3	—	—	—	2	—	9	9	2
Diphtheria ...	—	—	2	3	3	6	7	—	—	—	—	—	1	—	3	—	—	2	1	—	22	16	—
Scarlet Fever	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	4	2	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	2	3	1	—	—	1	—	2	3	—	—	—	—	6	6	—
Pulmonary	—	—	—	—	—	4	3	5	16	7	4	—	—	7	10	8	5	8	1	—	39	—	12
Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-pulmonary	—	—	1	—	3	5	2	3	2	—	—	—	2	3	1	2	—	6	2	—	16	—	4
Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chickenpox	9	10	13	15	18	108	12	2	3	—	—	—	9	22	34	27	13	82	3	190	—	—	—
Erysipelas ...	—	—	—	—	—	—	1	—	1	3	5	1	3	2	2	—	—	3	1	11	—	—	—
Ophthalmia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	1	1	2	1	3	5	1	2	8	10	12	3	1	9	12	10	6	10	1	49	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ...	5	1	3	1	1	7	3	—	—	—	—	—	1	5	3	2	6	4	1	22	—	—	—
Whooping Cough ...	12	21	15	22	22	37	2	—	1	1	—	—	9	14	31	18	22	26	13	133	—	—	—



*Tuberculosis.*

Deaths from all forms of Tuberculosis were 7 less than in the previous year.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	...	...	...	...	...	...	...	...
1—5	...	...	2	2	...	...	1	...
5—10	3	1	3	2	1	...	1	1
10—15	...	3	...	2	...	1	...	...
15—20	1	4	1	2	...	3	1	...
20—25	5	3	...	...	1	1	...	...
25—35	4	4	5	...	...	1	...	...
35—45	4	3	...	...	1	1	...	...
45—55	2	...	...	...	...	...	...	...
55—65	1	1	...	...	1	1	...	...
65 & over.	...	...	...	...	...	...	...	...
Total	20	19	8	8	4	8	3	1

DEATHS FROM TUBERCULOSIS IN THE  
VARIOUS WARDS.

	St. John's North	St. John's South	St. Michael's West	St. Michael's East	South Ward	Seaton Ward	Harrington Ward	TOTAL
Pulmonary Tuberculosis	...	1	4	2	2	2	1	12
Non-Pulmonary Tuberculosis	1	1	...	...	2	...	...	4

The following table shows the number of Tuberculosis cases on the Register on December 31st, 1941:—

PULMONARY.			NON-PULMONARY.			Total Cases on Register.
Males.	Females	Total	Males	Females	Total	
66	39	105	6	14	20	125

## SANATORIUM TREATMENT.

	In Insti- tutions 1st. Jan. 1940.	Admit- ted.	Dis- charged	Died.	In Insti- tutions 31st Dec. 1940.
<b>Pulmonary Cases—</b>					
Adult Males ...	3	10	7	1	4
Adult Females ...	5	9	5	3	5
Children ...	2	...	...	...	.
<b>Non-Pulmonary Cases</b>					
Adult Males ..	...	...	...	..	...
Adult Females ...	...	...	1	...	...
Children ...	...	...	...	...	...
<b>TOTAL</b> ...	10	19	13	4	9

## SANITARY INSPECTION OF THE AREA.

ANNUAL REPORT OF THE SANITARY INSPECTOR  
FOR THE YEAR 1941.

*To R. W. Macpherson, Esq., M.D., D.P.H.,  
Medical Officer of Health.*

Sir,

I herewith submit the following statement showing the number and nature of inspections, etc., during the year 1941, also the number of notices served and the various items dealt with:—

General Inspections ... ..	7,343
Inquiries re Infectious Diseases, Disinfection of Premises, etc. ... ..	66
Testing Drains ... ..	186
Cinemas ... ..	29
Social Clubs ... ..	11
Schools ... ..	35
Factories ... ..	203
Bakehouses ... ..	93
Offensive Trades ... ..	111
Stables ... ..	15
Rat Infested Premises ... ..	77
Verminous Premises ... ..	24
Lodging Houses ... ..	19
Houses Let in Lodgings ... ..	18
Fish and Chip Shops ... ..	69
Ships Visited re Shops Act ... ..	128
Food and Drugs Act ... ..	141
Shops Visited re Meat and other Foods ... ..	78
Market Stalls and Carts ... ..	31
Ice Cream Shops and Carts ... ..	27
Cowsheds and Dairies ... ..	246
Slaughterhouses ... ..	631
Caravans ... ..	22
Housing Inspections ... ..	66
Overcrowding ... ..	17
A.R.P. ... ..	267



Hotels	...	...	...	...	...	21
Interviews with Owners, Tradesmen, etc.	...	...	...	...	...	394
Revisits	...	...	...	...	...	1,708
Samples of Milk taken for Bacteriological Examination	.....	.....	.....	.....	.....	148
Samples of Graded Milk taken for Bacteriological Examination	.....	.....	.....	.....	.....	11

## NOTICES SERVED.

Informal Notices	...	...	...	...	...	1,145
Statutory Notices	...	...	...	...	...	56

At the end of the year 302 Informal Notices remained to be dealt with.

The attention of the Borough Surveyor has been called to the following defects:—

Choked Gullies or Sewers	...	...	...	...	5
Waste or Poor Pressure of Water	...	...	...	...	6
Defective Stop Taps and Covers	...	...	...	...	2

## SUMMARY OF WORKS EXECUTED.

## DRAINAGE, ETC.:—

Drains relaid	...	...	...	...	...	5
Cleansed or repaired	...	...	...	...	...	53
New gullies fixed	...	...	...	...	...	28
Cleared by vacuum pump free of cost to owner	...	...	...	...	...	97
New sinks fixed	...	...	...	...	...	29
Waste pipes renewed or fixed	...	...	...	...	...	31

## WATER CLOSETS:—

Repaired or cleansed	...	...	...	...	...	16
Cisterns repaired or renewed	...	...	...	...	...	128
Service pipes repaired	...	...	...	...	...	763
New basins fixed	...	...	...	...	...	15
New traps fixed	...	...	...	...	...	2
Wallplaster	...	...	...	...	...	3
Flush pipes renewed	...	...	...	...	...	4
Leaking joints repaired	...	...	...	...	...	18

Seats repaired or renewed	...	...	...	8
Doors repaired or renewed	...	...	...	5
Floors repaired or renewed	...	...	...	2
Cleansed or limewashed	...	...	...	5

## HOUSES :—

Roofs repaired	...	...	...	...	37
Chimneys repaired	...	...	...	...	2
Spouts cleansed or renewed	...	...	...	...	21
Window frames repaired or renewed	...	...	...	...	10
Sashcords renewed	...	...	...	...	8
Ceilings repaired or renewed	...	...	...	...	7
Exterior walls remedied of dampness	...	...	...	...	6
Interior walls remedied of dampness	...	...	...	...	39
Wallplaster remedied	...	...	...	...	10
Coal stores provided	...	...	...	...	1
Kitchen ranges repaired	...	...	...	...	13
Staircases repaired	...	...	...	...	2
Fireplaces repaired	...	...	...	...	5
Doors repaired or renewed	...	...	...	...	4
Insufficient water supply	...	...	...	...	16
Setpots repaired or renewed	...	...	...	...	4
Floors repaired or renewed	...	...	...	...	16
Accumulations removed	...	...	...	...	2
Dangerous buildings	...	...	...	...	3
Dirty premises	...	...	...	...	35

Considerable difficulty was experienced in getting work done owing to lack of materials, shortage of labour, etc., thus involving much additional work and visits. The severe frost at the beginning of the year rendered many sanitary fittings defective.



## VERMINOUS PREMISES.

Owing to the presence of vermin (bugs, fleas, etc.) 18 houses were disinfested by this Department. The number of Council houses found infested with bugs was 2, other houses 16.

The disinfestation methods employed are the same as outlined in the previous annual report.

## INSPECTION OF MEAT AND OTHER FOODS.

During the year 631 visits were paid and the carcasses and organs of all animals slaughtered were carefully examined prior to release for sale. The number of animals killed was 26,053, as compared with 16,999 for the previous year, made up as follows:—

	1941.	1940.
Bulls .....	75	55
Bullocks .....	659	648
Cows .....	459	573
Heifers .....	577	906
Calves .....	1,206	711
Pigs .....	417	1,494
Sheep .....	22,660	12,612



Upon examination the number of animals found affected with various diseases or conditions were:—

Disease or Condition	Whole Carcases							Part Carcases or Organs						
	Bulls	Bullocks	Cows	Heifers	Calves	Pigs	Sheep & Lambs	Bulls	Bullocks	Cows	Heifers	Calves	Pigs	Sheep & Lambs
Tuberculosis	...	3	12	4	1	..	..	1	50	70	46	1	9	..
Mastitis	...	...	...	...	..	..	..	..	..	18	...	...	...	...
Johnes Disease	...	...	...	...	1	..	..	..	..	...	...	...	...	...
Pneumonia	...	...	...	...	1	..	4	..	..	...	...	...	1	3
Umbilical Pyaemia	...	...	...	...	2	..	..	..	..	...	...	...	...	...
Immaturity	...	...	...	...	7	..	..	...	...	...	...	...	...	...
Moribund	...	...	...	...	..	1	7	...	...	...	...	...	...	...
Oedema	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Broken Limbs, Bruising	...	...	...	...	...	...	...	...	2	3	...	1	6	6
Congestion	...	...	...	...	...	...	...	...	1	1	1	1	1	4
Nephritis	...	...	...	...	...	...	...	...	1	...	1	...	...	1
Abscesses	...	...	...	...	...	...	...	...	10	8	8	...	...	2
Distomatosis, Cirrhosis	...	...	...	...	...	...	...	1	105	99	96	...	1	80
Cysts	...	...	...	...	...	...	...	...	1	...	...	...	4	3
Cavernous Angioma	...	...	...	...	...	...	...	...	1	3	2	...	...	...
Actinomycosis	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Fatty Infiltration	...	...	...	...	...	...	...	...	1	1	2	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Melanosis	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Pleurisy	...	...	...	...	...	...	...	...	...	...	...	...	1	3
Verminous Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Rat-Tainted	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Peritonitis	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Coenurus Cerebralis	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Jaundice	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Totals	...	3	12	4	12	1	12	2	171	205	156	6	24	110

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Percentage of animals inspected affected with Tuberculosis	7.93	17.86	0.16	—	2.15
Percentage of animals inspected affected with disease other than Tuberculosis	17.69	32.53	1.24	0.53	3.83

In addition the following foodstuffs were found unfit for human consumption :—

Skate (11½ stones) .....	Decomposition.
Haddock (14 stones) .....	do.
Cod (11 stones) .....	do.
Plaice (1 stone) .....	do.
Mackerel (12 stones) .....	do.
Kippers (28 lbs.) .....	do.
Fish Cakes (188½ dozen) .....	do.
Imported Beef (342 lbs.) .....	Bone Taint.
Pork Spare Ribs (180 lbs.) .....	Decomposition.
Pressed Beef (635½ lbs.) .....	do.
Brawn (8½ lbs.) .....	do.
Bacon (51 lbs.) .....	do.
Sausage (172 lbs.) .....	Decomposition.
Black Pudding (70 lbs.) .....	do.
Beef Galantine (10¼ lbs.) .....	do.
Meat Pies (12) .....	do.
Frozen Rabbits (298 lbs.) .....	do.
Liquid Eggs (30 lbs.) .....	Unsound.
Eggs (6,649) .....	do.
Tomatoes (26 lbs.) .....	do.
Oranges (30,000) .....	do.
Onions (26 cwts.) .....	do.
Potatoes (168 lbs.) .....	do.
Yeast (28 lbs.) .....	Decomposition.
Barley (14½ lbs.) .....	Unsound.
Canned Foodstuffs (277 tins) .....	Blown

