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DONCASTER  
RURAL DISTRICT COUNCIL



THE  
ANNUAL  
**REPORT**

FOR THE YEAR 1940

of the

**Medical Officer of Health**


by

A. PENMAN

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



Public Health Department, Nether Hall,  
Doncaster.



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# DONCASTER RURAL DISTRICT COUNCIL

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Public Health Department,

Nether Hall,

Doncaster.

October, 1941.

To the Chairman and Members of the  
Doncaster Rural District Council.

Ladies and Gentlemen,

As requested by the Ministry of Health in Circular 2314,  
I submit an abridged Annual Report for the year 1940.

As indicated by the death rates from all causes and from tuberculosis the health of the District remained good. The maternal death rate was the lowest recorded for many years in spite of the fact that the birth rate was high. The infantile mortality rate was the highest since 1933 and corresponded with an increase in the national death rate among infants.

The work of perfecting the first-aid and ambulance services in connection with Civil Defence was continued.

Yours faithfully,

**ARCHIBALD PENMAN,**

Medical Officer of Health.

**PUBLIC HEALTH OFFICERS OF THE  
RURAL DISTRICT COUNCIL**

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1. MEDICAL OFFICER OF HEALTH.  
A. Penman, M.D., Ch.B. (University of Edinburgh) D.P.H.,  
R.C.P.S. (Edinburgh and Glasgow). Appointed 1935.
2. CHIEF SANITARY INSPECTOR AND CLEANSING  
SUPERINTENDENT.  
A. Reynolds, C.R.S.I., M.S.I.A., Certificate for Inspectors of  
Meat and Other Foods. Appointed 1924.
3. SENIOR ADDITIONAL SANITARY INSPECTOR.  
E. N. Pearson, Cert. S.I.B., M.S.I.A., Certificate for  
Inspectors of Meat and Other Foods. Appointed 1932.
4. JUNIOR ADDITIONAL SANITARY INSPECTOR.  
E. K. Smith, Cert. S.I.B., Certificate for Inspectors of Meat  
and Other Foods. Appointed 1932.

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**OFFICES OF THE RURAL DISTRICT COUNCIL**

Nether Hall, Doncaster.

Telephone Numbers—Doncaster 3427, 3428, 3429 (three lines).

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**PUBLIC CLEANSING DEPOT OF THE  
RURAL DISTRICT COUNCIL**

Sunnyside, Kirk Sandall

Telephone number—Barnby Dun 58.



## SECTION A

### STATISTICS

Area (in acres) ... ..	...	...	...	...	73,755
Registrar-General's Estimate of the resident civilian population ... ..	...	...	...	...	48,820
Number of inhabited houses (end of 1940) according to rate books ... ..	...	...	...	...	12,642
Rateable Value ... ..	...	...	...	...	£246,677
Sum represented by a Penny Rate ... ..	...	...	...	...	£964

### EXTRACTS FROM VITAL STATISTICS OF THE YEAR

#### LIVE BIRTHS—

	M.	F.	Total	
Legitimate ...	485	461	946	Birth Rate per 1,000 of the Estimated Population — 20.11 (Birth Rate for England and Wales 14.6)
Illegitimate ...	15	21	36	
	500	482	982	

#### STILL BIRTHS—

	M.	F.	Total	
Legitimate ...	23	10	33	Still Birth Rate per 1,000 live and still births — 34.62.
Illegitimate ...	—	1	1	
	23	11	34	

#### DEATHS—

	M.	F.	Total	Death Rate per 1,000 of the Estimated Population, 9.11
	244	203	447	

Death Rate for England and Wales per 1,000 population 14.3

Standardised Death Rate for Doncaster Rural District per 1,000 of the resident population ... .. 12.3  
(Comparability factor — 1.35)

## DEATHS FROM PUERPERAL CAUSES

CAUSE	Doncaster Rural District		England and Wales
	No. of Deaths	Rate per 1,000 total (live and still) births	Rate per 1,000 total (live and still) births
(a) Puerperal Sepsis	1	0.98	0.52
(b) Other maternal causes	0	0.0	1.64
TOTAL ...	1	0.98	2.16

## DEATHS OF INFANTS UNDER ONE YEAR OF AGE

	M.	F.	Total
Legitimate ... ..	32	32	64
Illegitimate ... ..	1	1	2
	33	33	66
Death Rate of all infants per 1,000 live births:			
(a) Doncaster Rural District ... ..			67
(b) England and Wales ... ..			55
Death Rate of legitimate infants per 1,000 legitimate live births ... ..			
			68
Death Rate of illegitimate infants per 1,000 illegitimate live births ... ..			
			56
Deaths from Cancer ... ..			41
,, ,, Respiratory Tuberculosis ... ..			21
,, ,, Other Forms of Tuberculosis ... ..			3
,, ,, Whooping Cough ... ..			3
,, ,, Measles ... ..			3
,, ,, Diphtheria ... ..			6
,, ,, Scarlet Fever ... ..			0
,, ,, Enteric Fever ... ..			0
,, ,, Cerebro-spinal Fever ... ..			2
,, ,, Influenza ... ..			21
,, ,, Pneumonia ... ..			22

## POPULATION

The Registrar-General's Estimate of the civil population in 1940 is 48,820, that is 1,460 less than for mid-year 1939.

Fluctuation in the population arising from military service, the reception of evacuees and from war industries makes the accurate estimation of the population by the usual methods almost impossible.

## BIRTHS

There were 982 live births and the birth rate of 20.11 per 1,000 of the population was 0.91 greater than that for 1939. The birth rate for England and Wales was 14.6.

34 still births were registered. This still birth rate of 0.70 per 1,000 of the population was greater than that for England and Wales (0.55), but was a distinct improvement on the 1.17 recorded in the previous year.

## DEATHS

The 447 deaths recorded were 15 more than in the previous year. This gives a death rate (corrected for transfers) of 9.11 per 1,000. If the population of the Doncaster Rural District had the same proportions of the sexes and of each age group as England and Wales the death rate would have been 12.3. The death rate for England and Wales was 14.3.

The only noteworthy increase in the number of deaths from defined causes was in that from bronchitis and pneumonia. This coincided with exceptionally severe weather conditions.

## MATERNAL DEATHS

Only one death occurred from puerperal sepsis and this constitutes the maternal mortality for the year. One other death occurred, which has been wrongly classified as from other maternal causes.

This is the best record of maternal mortality for many years.

The maternal death rate per 1,000 live and still births was 0.98 compared with 2.16 for England and Wales, and 2.92 for 1939.

## INFANTILE MORTALITY

66 infants died in 1940 during their first year of life. Calculated per 1,000 live births this gives an infant mortality rate of 67, which compares unfavourably with the rates for 1939 and 1938—56 and 48 respectively.

The provisional figure for England and Wales for 1940 is 55, a deterioration of 5 per 1,000 births on the previous year.



Since the mortality rates for large populations like England and Wales are not subject to such fluctuations without some clearly defined cause, and since the increased mortality rate is shared by the various classified districts (although not in the same degree), it is probable that the reason is connected with the present abnormal times.

On examining the causes of death among the Doncaster Rural District infants one finds the following increases on the previous year: congenital debility and defects -|- 8, diarrhoea and enteritis -|- 6, premature birth -|- 3, bronchitis and pneumonia -|- 3, influenza -|- 2, tuberculosis disease -|- 1, measles -|- 1. One also finds the following decreases: convulsions — 9, other causes — 2, and whooping cough — 1.

### INFANTILE MORTALITY, 1931—1940

Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Rate per 1,000 live births ...	81	65	75	59	59	61	55	48	56	67

### INFANT DEATHS, 1940

Cause of Death	Total		Under 4 wks		4 wks to 3 mths		3 mths to 6 mths		6 mths to 9 mths		9 mths to 12 mths	
	M	F	M	F	M	F	M	F	M	F	M	F
	Measles ... ..	—	1	—	—	—	—	—	—	—	—	—
Whooping Cough ...	1	—	—	—	—	—	—	—	1	—	—	—
Influenza ... ..	—	2	—	—	—	1	—	—	—	—	—	1
Diarrhoea and Enteritis (including Gastro-Enteritis) ...	4	4	—	—	2	3	2	1	—	—	—	—
Premature Birth ...	7	10	7	10	—	—	—	—	—	—	—	—
Congenital Defects (Malformations and Atelectasis) ...	8	5	8	5	—	—	—	—	—	—	—	—
Congenital debility and Icterus ... ..	3	2	2	1	—	1	—	—	1	—	—	—
Developmental and Wasting Diseases ...	2	1	2	—	—	1	—	—	—	—	—	—
Tuberculosis Diseases ... ..	—	1	—	—	—	—	—	—	—	—	—	1
Convulsions ... ..	1	1	1	1	—	—	—	—	—	—	—	—
Bronchitis and Pneumonia ... ..	5	5	—	—	2	—	1	—	1	3	1	2
Other Causes ... ..	2	1	—	1	—	—	1	—	1	—	—	—
All Causes ... ..	33	33	20	18	4	6	4	1	4	3	1	5

## SECTION B.

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### LABORATORY FACILITIES.

There has been no change in the laboratory facilities. Full use has been made of the County Laboratory, Wakefield, and of the Doncaster Royal Infirmary Laboratory by the medical practitioners of the district.

Samples of drinking water from public and private supplies were all examined at the County Laboratory, while a few samples for chemical examinations were sent by the Water Engineer to Messrs. Richardson & Jaffe, Analysts, Hustlergate, Bradford.

### AMBULANCE FACILITIES.

There are fifteen ambulances available for the normal civil needs of the District, as detailed in my Annual Reports for 1937 and 1938.

In these circumstances there is no general demand for an ambulance to be maintained by the Council.

If any parish feels that it is not well provided the possibility of contracting with existing ambulance authorities should be examined. The Rural District Council and the Ministry of Health would no doubt support reasonable proposals of this kind.

### CHILD WELFARE CLINICS.

The West Riding County Council have opened another centre at the Council Estate, Bawtry.

The centres at Kirk Sandall and Rossington are now operating in new premises at the Old Rectory, Kirk Sandall and the Church Hall, New Rossington.

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## SECTION C.

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### WATER SUPPLIES.

The sources of water supply are substantially the same as previously reported. At the time of writing it is possible to report that the Brodsworth Estate Supply, the only one to cause any anxiety during the year, has been replaced by the Doncaster and Tickhill water.

The Manvers Main supply to Adwick-on-Deerne is of the nature of a small rural one and has to be judged on the standard applicable thereto.



There was no serious shortage of water in any parish brought to our notice, although during one period of drought a number of shallow wells in a few sparsely populated parishes gave out and caused inconvenience.

The public supplies were regularly sampled and submitted to bacteriological examination. The results are given in the table accompanying this report.

The Water Engineer of the Doncaster and Tickhill Water Board reports that there is little or no variation in the chemical constituents of the water from the boreholes and that the supply is chemically of the same high standard on analysis. The concentration of chlorine ammonia is also checked regularly. Pressure of civil defence duties has resulted in less attention to private wells serving individual or small groups of houses.

Every assistance was given to H.M. Forces locally in ensuring adequate supplies of pure water; all requests for help and advice were dealt with to the satisfaction of the civil and military authorities.

#### WATER SUPPLY—BACTERIOLOGICAL ANALYSES

Date	Public Supply or Private (Wells, etc.)	Source	Results	
			No. of B. coli per 100 mil's	Satisfactory or Unsatisfactory
12/ 1/40	Doncaster and Tickhill J.W.B. (Public)	Austerfield Pumping Station	None	Satisfactory
26/ 1/40	do.	do.	do.	do.
1/ 3/40	do.	do.	do.	do.
1/ 3/40	do.	Brodsworth Austerfield Pumping Station	do.	do.
16/ 3/40	do.	do.	do.	do.
27/ 4/40	do.	do.	do.	do.
23/ 5/40	do.	do.	do.	do.
29/ 5/40	do.	do.	do.	do.
29/ 5/40	do.	do.	do.	do.
13/ 6/40	do.	do.	do.	do.
13/ 6/40	do.	Blaxton (R.A.F.)	1	do.
13/ 6/40	do.	Edlington Austerfield Pumping Station	None	do.
27/ 6/40	do.	do.	do.	do.
11/ 7/40	do.	Brodsworth Austerfield Pumping Station	do.	do.
9/ 8/40	do.	do.	do.	do.
29/ 8/40	do.	do.	do.	do.
26/ 9/40	do.	do.	do.	do.
14/10/40	do.	do.	do.	do.
11/10/40	do.	do.	do.	do.
14/11/40	do.	do.	do.	do.
28/11/40	do.	do.	do.	do.
12/12/40	do.	do.	do.	do.

**Water Supply—Bacteriological Analyses (Continued)**

Date	Public Supply or Private (Wells, etc.)	Source	Results	
			No. of B. coli per 100 mil's	Satisfactory or Unsatisfactory
12/ 1/40	Doncaster Corporation (Public)	Armthorpe	None	Satisfactory
26/ 1/40	do. ... ..	Warmsworth	do.	do.
27/ 4/40	do. ... ..	Armthorpe	do.	do.
10/ 5/40	do. ... ..	Warmsworth	do.	do.
23/ 5/40	do. ... ..	Cantley	do.	do.
27/ 6/40	do. ... ..	Warmsworth	do.	do.
9/ 8/40	do. ... ..	Sprotborough	1	do.
29/ 8/40	do. ... ..	Armthorpe	None	do.
26/ 9/40	do. ... ..	Cantley	do.	do.
26/ 9/40	do. ... ..	Sprotborough	1	do.
26/ 9/40	do. ... ..	Warmsworth	None	do.
14/11/40	do. ... ..	Warmsworth	do.	do.
28/11/40	do. ... ..	Warmsworth	do.	do.
28/11/40	do. ... ..	Armthorpe	do.	do.
12/12/40	do. ... ..	Loversall	do.	do.
1/ 3/40	Jarratt's Estate Supply (Public)	Cantley	do.	do.
16/ 3/40	Clayton with Frickley Estate Supply (Public)	Clayton	do.	do.
16/ 3/40	Hooton Pagnell Estate Supply (Public)	Hooton Pagnell	do.	do.
10/ 5/40	Manvers Main Colliery Estate Supply (Public)	Adwick-on-Dearne	9	do.
9/ 8/40	Brodsworth Estate Supply (Public)	Brodsworth	90	Unsatisfactory
29/ 8/40	Hooton Pagnell Estate Supply (Public)	Hooton Pagnell	1	Satisfactory
29/ 8/40	Manvers Main Supply (Public)	Adwick-on-Dearne	7	do.
11/10/40	Clayton with Frickley Estate Supply (Public)	Clayton	1	do.
11/10/40	Hooton Pagnell Estate Supply (Public)	Hooton Pagnell	4	do.
25/10/40	Adwick-on-Dearne Estate Supply (Public)	Adwick-on-Dearne	35	do.
25/10/40	do. ... ..	Adwick-on-Dearne	25	do.
12/12/40	Alverley Hall Supply (Public)	Wadworth	9	do.
12/12/40	Jarratt's Estate Supply (Public)	Cantley	None	do.
10/ 5/40	Pilkington Bros. (Public)	Kirk Sandall	None	Satisfactory
9/ 8/40	do. ... ..	Kirk Sandall	do.	do.
11/10/40	do. ... ..	Barnby Dun	do.	do.
28/11/40	do. ... ..	Kirk Sandall	do.	do.
13/ 6/40	Yorkshire Main Swimming Baths, Edlington	Edlington	do.	do.
12/ 1/40	Private Supply (Well)	Bawtry	do.	do.
12/ 1/40	do. ... ..	Barnby Dun	do.	do.
1/ 3/40	do. ... ..	Norton	35	do.
16/ 3/40	do. ... ..	Barnby Dun	None	do.
11/ 4/40	do. ... ..	Long Sandall	do.	do.
11/ 4/40	do. ... ..	Braithwell	25	do.
7/ 6/40	do. ... ..	Bawtry	None	do.
11/ 7/40	do. ... ..	Rossington	50	Unsatisfactory



## SEWERAGE AND SEWAGE DISPOSAL

There were no important extensions of sewers and no new sewage schemes.

The existing sewage disposal works have been maintained in a satisfactory manner and without serious complaint from the West Riding Rivers Board.

### CLOSET ACCOMMODATION

Summary of Existing Accommodation	Number of privies with open or covered middens ...	...	730
	Number of pail or tub closets ...	...	892
	Number of water closets ...	...	10,983
	Number of waste water closets ...	...	4
Conversions during the year:			
	Privies reconstructed as water closets ...	...	4
	Privies reconstructed as pail closets ...	...	15
	Pail closets reconstructed as water closets ...	...	1
	Water closets provided in new houses during 1940 ...	...	61

## REPORT UPON PUBLIC CLEANSING SERVICES

### (1). GENERAL.

The work is carried out by direct labour in the following twenty-five parishes: Adwick-on-Deerne, Armthorpe, Askern, Austerfield, Bawtry, Barmborough, Barnby Dun-with-Kirk Sandall, Braithwell, Brodsworth, Burghwallis, Cantley, Conisborough Parks, Denaby, Edlington, Hooton Pagnell, High Melton, Loversall, Marr, Norton, Owston, Rossington, Sprotborough, Stainton, Wadworth and Warmsworth.

Cesspool emptying is undertaken in the parishes of Armthorpe, Austerfield, Barmborough, Burghwallis, Cantley, Edlington, Norton, Owston, Sprotborough, Rossington and Wadworth.

Many requests for advice and assistance have been received from the Military and Royal Air Force and much valuable work has been done in co-operation with them.

One additional vehicle, a second-hand open Bedford lorry, was purchased during the year to cope with the extra work in connection with the collection of salvage.

The fleet of vehicles now consists of nine refuse collectors and two cesspool emptiers.

### (2). SALVAGE.

During the year salvage materials to the value of over £1,250 were collected and sold. These included: paper, card-

board, books, etc., £773; scrap iron, tins and other metals £350; glass jars, bottles, cullet, £82; textiles, rags, etc., £47; bones (since September 1940), £6.

(3). LABOUR.

Many of the permanent staff have been called up for service with H.M. Forces. These workmen, who were used to the work of public cleansing, became difficult to replace as the year went on and additional labour had to be employed to make up the deficiency.

Notwithstanding the extra work caused by H.M. Forces, salvage collections and shortage of suitable labour, the services have been kept up to a reasonably high standard.

(4). COSTS.

The total cost of the public cleansing services including street cleansing amounted to £10,059.

(Signed) A. REYNOLDS,  
Cleansing Superintendent.

### SANITARY INSPECTION OF THE AREA

STATEMENT made to the Medical Officer of Health in pursuance of Article 27 of the Sanitary Officers' (Outside London) Regulations, 1935, and of Article 19 of the Sanitary Officers' Order, 1926, in relation to inspections, notices, etc.

A. REYNOLDS, C.R.S.I., M.S.I.A.  
Chief Sanitary Inspector.

Total number of inspections, 1940	...	...	...	3,647
Nuisances reported during 1940	...	...	...	350
Nuisances in hand, 1939	...	...	...	9
Total number of nuisances needing abatement	...	...	...	359
Abated during 1940...	...	...	...	344
Outstanding at the end of 1940	...	...	...	15

The total inspections above relate to:

Nuisances	...	...	...	...	165
Common Lodging Houses	...	...	...	...	1
Vans and Sheds	...	...	...	...	10
Smoke Observations	...	...	...	...	4
Shops Act	...	...	...	...	30
Schools	...	...	...	...	7
Factories and Workshops	...	...	...	...	16

Drainage:						
Housing	...	...	...	...	...	45
Public Health	...	...	...	...	...	88
Public Cleansing and Salvage	...	...	...	...	...	1,253
Water Supplies:						
Samples taken	...	...	...	...	...	42
Supplies investigated	...	...	...	...	...	76
Milk and Dairies:						
Producers' Premises	...	...	...	...	...	322
Retailers' Premises	...	...	...	...	...	135
Samples (ungraded)	...	...	...	...	...	12
Meat and Food:						
Slaughterhouses	...	...	...	...	...	85
Butchers' Shops	...	...	...	...	...	74
Stalls and Vans	...	...	...	...	...	18
Fish and Chip Shops	...	...	...	...	...	28
Ice Cream Vendors	...	...	...	...	...	1
Bakehouses	...	...	...	...	...	7
Infectious Diseases:						
Disinfection	...	...	...	...	...	184
Investigations	...	...	...	...	...	201
Infestation:						
Bed Bugs	...	...	...	...	...	15
Other Vermin	...	...	...	...	...	6
Housing:						
Section 9	...	...	...	...	...	301
Section 11	...	...	...	...	...	94
Overcrowding	...	...	...	...	...	52
Re-housing	...	...	...	...	...	9
Conversions	...	...	...	...	...	45
Cottagers' Pigs	...	...	...	...	...	89
Piggeries	...	...	...	...	...	2
Emergency Slaughter	...	...	...	...	...	5
T.B. Order (Bovines)	...	...	...	...	...	5
Stables	...	...	...	...	...	3
Anthrax	...	...	...	...	...	1
Other Foods	...	...	...	...	...	9
Air Raid Precautions	...	...	...	...	...	195
Military Camps	...	...	...	...	...	7
Miscellaneous	...	...	...	...	...	4



## INFORMAL NOTICES

350 preliminary notices have been served relating to:

Drainage and Conversions	...	...	...	75
Nuisances and Miscellaneous	...	...	...	43
Cowsheds and Dairies	...	...	...	23
Dustbins and Pail Closets	...	...	...	37
Minor Housing Repairs	...	...	...	161
Shops	...	...	...	4
Water Supplies	...	...	...	6
Factories and Workshops	...	...	...	1

## INFECTIOUS DISEASE

Houses disinfected	...	...	...	184
Rooms disinfected	...	...	...	248
School Notices sent	...	...	...	133

## SHOPS ACT, 1934. Sections 10 and 13 (c)

No. of visits paid during the year	...	...	...	30
Unsatisfactory conditions found	...	...	...	4
Remedied	...	...	...	4

## TENTS, VANS AND SHEDS

Twenty-one of these structures were in the District in other than temporary circumstances. One application for a licence for a site for moveable dwellings was received and granted on the fulfilment of certain conditions. In my last report I anticipated an increase in the number of caravans in the area as a result of restrictions in coastal defence areas and of air raid damage to houses. So far this anticipated increase has not taken place. Bona-fide caravan dwellings, e.g. Members of the Showman's Guild, seasonal agricultural workers, travelling road workers, etc., are not included in the figures quoted above.

## SMOKE OBSERVATIONS

Only four observations were taken and proved satisfactory.

## SWIMMING POOLS

The Edlington open-air swimming pool was open during the summer months. A sample taken during the height of the season showed that the bacteriological standard of the water was satisfactory.

## ERADICATION OF BED BUGS

Six houses were treated by the Council employees for infestation. This does not represent the total annual infestation



as nearly half the occupied houses in the District are owned by Colliery Companies and Pilkington Brothers, whose housing staffs do a considerable amount of disinfection. Twenty-one visits were made to investigate complaints.

### SCHOOLS

No. of Schools in the District	...	...	...	30
No. visited by the Medical Officer of Health	...	...	...	10
No. visited by the Sanitary Officers	...	...	...	7
No. of visits	...	...	...	38

No schools were closed on the grounds of infectious disease.

General sanitary conditions as reported in 1939.

### FACTORIES

There are forty-eight factories and five bakehouses on the register, and during the year thirty-three visits showed that premises generally were well kept.

One factory was found to have inadequate sanitary conveniences and this was remedied following informal action.

## SECTION D.

### HOUSING ACT, 1936.

#### NO. OF NEW HOUSES ERECTED DURING THE YEAR

(a) By private enterprise	...	...	...	61
(b) By the Rural District Council	...	...	...	0
No. of inspections under Section 9	...	...	...	301
No. of informal notices to repair	...	...	...	161
No. of statutory notices to repair	...	...	...	0
No. of houses repaired following notices	...	...	...	146

#### HOUSING ACT, 1936, PART IV—OVERCROWDING.

(a)	1.	Number of dwellings overcrowded at the end of 1940	...	...	...	...	22
	2.	Number of families dwelling therein	...	...	...	...	23
	3.	Number of persons dwelling therein	...	...	...	...	139
(b)		Number of cases of overcrowding reported during the year	...	...	...	...	2
(c)		Number of cases of overcrowding relieved during the year	...	...	...	...	9
(d)		Number of persons concerned in such cases	...	...	...	...	44

## SECTION E.

### MILK SUPPLIES

The total number of registrations under the Milk and Dairies Acts and Orders is:

Cowkeepers	...	...	...	222
Cowsheds	...	...	...	257
Producer Retailers	...	...	...	51
Retail Purveyors	...	...	...	26

Twenty retail milk purveyors with registered premises in neighbouring districts are licensed to retail milk in the Rural District area.

No. of cowshed inspections	...	...	...	...	322
No. of milk premises and vehicles inspected	...	...	...	...	135

During the year the following works were carried out in accordance with the requirements of the Milk and Dairies Order:

New cowsheds	...	...	...	2
Sheds reconstructed	...	...	...	4
Dairies at Producers' premises	...	...	...	11
Dairies at Retailers' premises	...	...	...	1

No proceedings were taken and the dairying premises generally were found to be well kept.

#### Milk (Special Designations) Order, 1936—1938.

The following Licences are issued:—

Tuberculin tested	...	...	...	2
Pasteurised Milk	...	...	...	2
Supplementary to sell Pasteurised	...	...	...	5

The number of visits to dairying premises was again below that of pre-war years. Only urgent and necessary work was carried out owing to Civil Defence and other emergency duties.

No proceedings were taken during the year, and generally the standard of cleanliness was found to be good.

### MEAT AND FOOD.

#### 1. CATTLE.

During the year one bullock and all organs, one cow carcase and all organs were condemned for generalised tuberculosis. There were also three carcasses of which some part or organ was condemned for tuberculosis. In diseases other than tuberculosis one heifer and all organs were condemned for black quarter.

There were also three carcasses of which some part was condemned for diseases other than tuberculosis.

Two parts of carcase were condemned at butchers' shops on account of bone taint and putrefaction.

The total weight being approximately 163 stones.

## 2. PIGS.

There were no whole carcasses condemned, but there were 24 carcasses of which some part or organ was condemned for tuberculosis.

The total weight being approximately  $16\frac{1}{2}$  stones.

## 3. SHEEP and LAMBS.

One sheep carcase and all organs was condemned for fever and bad bleeding.

There were also 3 other carcasses of which some part or organ was condemned.

The total weight being approximately 7 stones.

## 4. OTHER FOODSTUFFS.

The keeping qualities of bacon during the year were not all that could be desired and this resulted in the condemnation of 52 stones 8 pounds.

Also 68 tins of pineapple were condemned for rust holes and blowing.



SECTION F.

PREVALENCE OF AND CONTROL OVER  
INFECTIOUS DISEASES

NOTIFIABLE INFECTIOUS DISEASES, 1940

(Other than Tuberculosis)

Age and Sex incidence

DISEASE		0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-25	25-35	35-45	45-55	55-65	Over 65	Totals	Removed to Hospital	Died
Scarlet Fever	M	—	1	2	7	5	18	8	3	1	—	—	—	—	45	45	—
	F	1	1	3	10	10	24	14	6	1	—	—	—	—	70	68	—
Diphtheria	M	—	—	—	—	1	7	3	3	—	—	—	—	—	14	14	2
	F	—	—	2	2	2	12	8	—	1	—	—	—	—	27	26	4
Pneumonia	M	1	3	2	2	3	2	1	8	2	3	6	6	3	42	3	*13
	F	—	—	1	—	—	—	—	—	—	1	2	1	—	5	—	*9
Measles	M	9	32	32	45	51	177	11	23	3	—	—	—	—	383	—	—
	F	11	23	29	35	48	138	11	5	4	—	—	1	—	305	—	3
Whooping Cough	M	1	1	2	2	3	8	—	—	—	1	—	—	—	18	—	1
	F	3	—	2	2	2	3	—	—	—	—	—	—	—	12	—	2
Erysipelas	M	—	—	—	—	—	—	—	1	1	1	2	—	1	6	—	—
	F	—	—	—	—	—	—	—	1	2	1	1	1	—	6	—	—
Puerperal Pyrexia		—	—	—	—	—	—	—	2	12	1	—	—	—	15	15	1
Ophthalmia- Neonatorum	M	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
	F	3	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—
Cerebro- Spinal- Meningitis	M	—	1	—	1	—	—	—	—	2	—	—	—	—	4	4	1
	F	—	—	—	—	—	—	1	—	—	1	—	—	—	2	2	1
Anterior Poliomyelitis	M	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals		30	62	75	106	125	390	57	52	29	9	11	9	4	959	177	37

\* These figures include deaths from all forms of pneumonia.

In the first full year of the operation of the notification of measles 688 cases were reported. The disease was prevalent in all parts of the district but particularly at Askern and Kirk Sandall. Being unable to provide nursing facilities at the isolation hospital for severe cases because of restricted accommodation,



the Rural District Council arranged for home nursing assistance at Askern for five weeks during the outbreak. This had a good effect in so far as it was possible to impress upon the parents the need for regarding the illness seriously, and in so far as skilled help was provided to the cases in most need of it. It was noteworthy that 28 cases occurred in persons aged 15—25 and 7 with ages 25—35. There were only three deaths. From reports in the medical press it would appear that the incidence of measles was heavy throughout the country.

There were only 40 cases of whooping cough during the year, but three deaths occurred amongst them, showing that it is a disease which is serious in its immediate effects. At the time of writing this report it can be stated that the incidence of whooping cough during 1941 is likely to be much heavier. From personal observation I can state that it is extremely probable that in recent months a considerable number of mild cases were not reported nor medically attended. Children who develop spasmodic coughs, which cause vomiting, should be suspected of having whooping cough even if no whoop is present, and medical advice sought. Whooping cough is very highly infectious and mild unrecognised cases play too large a part in the spread of infection. Severe cases of whooping cough in young children are in far greater need of the nursing attention provided by isolation hospitals than the majority of cases of scarlet fever still moved to hospital. If notification can constantly remind us of this fact some good will eventuate.

Scarlet fever reverted to a higher endemic level, 115 cases being reported. Half of this number occurred in the last four months of the year. No deaths resulted from this cause. Diphtheria was at the very low figure of 41 cases; about one third of the number in the previous year. It may be that the campaign of immunisation is already bearing fruit. This is a campaign that must be kept up continuously since fresh recruits to the ranks of the susceptibles are born every year. Six of the 41 cases proved fatal, a fact which indicates the severe type of the disease prevalent locally. Facilities for the immunisation of children are made available on the application to any medical practitioner, to the Medical Officer of Health, to the medical officer of any child welfare centre or to the school medical officer through the head teacher of any school department. The "inertia" of the public is showing signs of movement, but requires repeated stimulation if results are to be satisfactory.

Six cases of cerebro-spinal meningitis occurred among the civil population. Two deaths resulted. Several suspected cases were removed to the isolation hospital, but the diagnosis was not confirmed. Some of these proved to be other forms of meningitis.

Generally speaking it can be said that the spread of infectious disease has been accentuated by the movement of populations, particularly measles and whooping cough and some minor infections such as mumps, german measles and infectious catarrhal jaundice.

**TUBERCULOSIS**  
**NEW CASES AND MORTALITY DURING 1940**

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year ...	—	—	—	—	—	—	—	1
1 and under 5 years...	—	—	2	—	—	—	1	1
5 and under 15 years	—	1	12	1	—	—	—	—
15 and under 25 years	6	1	—	3	3	3	—	—
25 and under 35 years	1	5	1	—	1	6	—	—
35 and under 45 years	3	3	—	—	2	1	—	—
45 and under 55 years	1	1	—	—	1	1	—	—
55 and under 65 years	1	—	—	—	2	—	—	—
Over 65 years ...	1	—	—	—	1	—	—	—
Totals ... ..	13	11	15	4	10	11	1	2

There were 43 new cases of tuberculosis notified during the year compared with 54 for the previous year. On December 31st, 1940 the number of cases on the register was 264 (pulmonary: M. 91, F. 62; non-pulmonary: M. 63, F. 48) compared with 278 for 1939 and 267 in 1938.

24 deaths due to tuberculosis were recorded, giving a death rate per 1,000 of 0.49. For 1939 the death rate from all forms of tuberculosis was 0.58.

The corresponding death rate for England and Wales for 1940 was 0.70.



## CAUSES OF DEATH, 1940

### REGISTRAR GENERAL'S RETURN

Causes of Death	Males	Females
All causes ... ..	244	203
1. Typhoid and Paratyphoid Fevers ... ..	0	0
2. Cerebro-Spinal Fever ... ..	1	1
3. Scarlet Fever ... ..	0	0
4. Whooping Cough ... ..	1	2
5. Diphtheria ... ..	2	4
6. Tuberculosis of the Respiratory System ... ..	12*	11
7. Other forms of Tuberculosis ... ..	1	2
8. Syphilitic Diseases ... ..	5	0
9. Influenza ... ..	12	9
10. Measles ... ..	0	3
11. Ac. Polio-myel. and Polioenceph. ... ..	0	1
12. Ac. Inf. Enceph. ... ..	0	0
13. Cancer of b. Cav. and Oesoph. (M), Uterus (F)	0	4
14. Cancer of Stomach and Duodenum ... ..	3	2
15. Cancer of Breast ... ..	0	8
16. Cancer of all other Sites ... ..	16	8
17. Diabetes ... ..	0	4
18. Intra-cran. Vasc. Lesions ... ..	12	14
19. Heart Disease ... ..	44	31
20. Other Diseases of Circulatory System ... ..	8	7
21. Bronchitis ... ..	12	10
22. Pneumonia ... ..	13	9
23. Other Res. Diseases ... ..	3	4
24. Ulcer. of Stomach or Duodenum ... ..	1	0
25. Diarrhoea under 2 years ... ..	5	4
26. Appendicitis ... ..	2	1
27. Other Digestive Diseases ... ..	12	8
28. Nephritis ... ..	8	6
29. Puerperal and Post Abortive Sepsis ... ..	0	1
30. Other Maternal Causes ... ..	0	0
31. Premature Births ... ..	12	10
32. Con. Mal., Birth inj., Infant. Dis. ... ..	9	9
33. Suicide ... ..	1	0
34. Road Traffic Accidents ... ..	6	2
35. Other Violent Causes ... ..	21	6
36. All Other Causes ... ..	22	22

\* Two wrongly assigned to the Rural District.





