

**[Report 1940] / Medical Officer of Health, Goole Borough.**

**Contributors**

Goole (England). Borough Council.

**Publication/Creation**

1940

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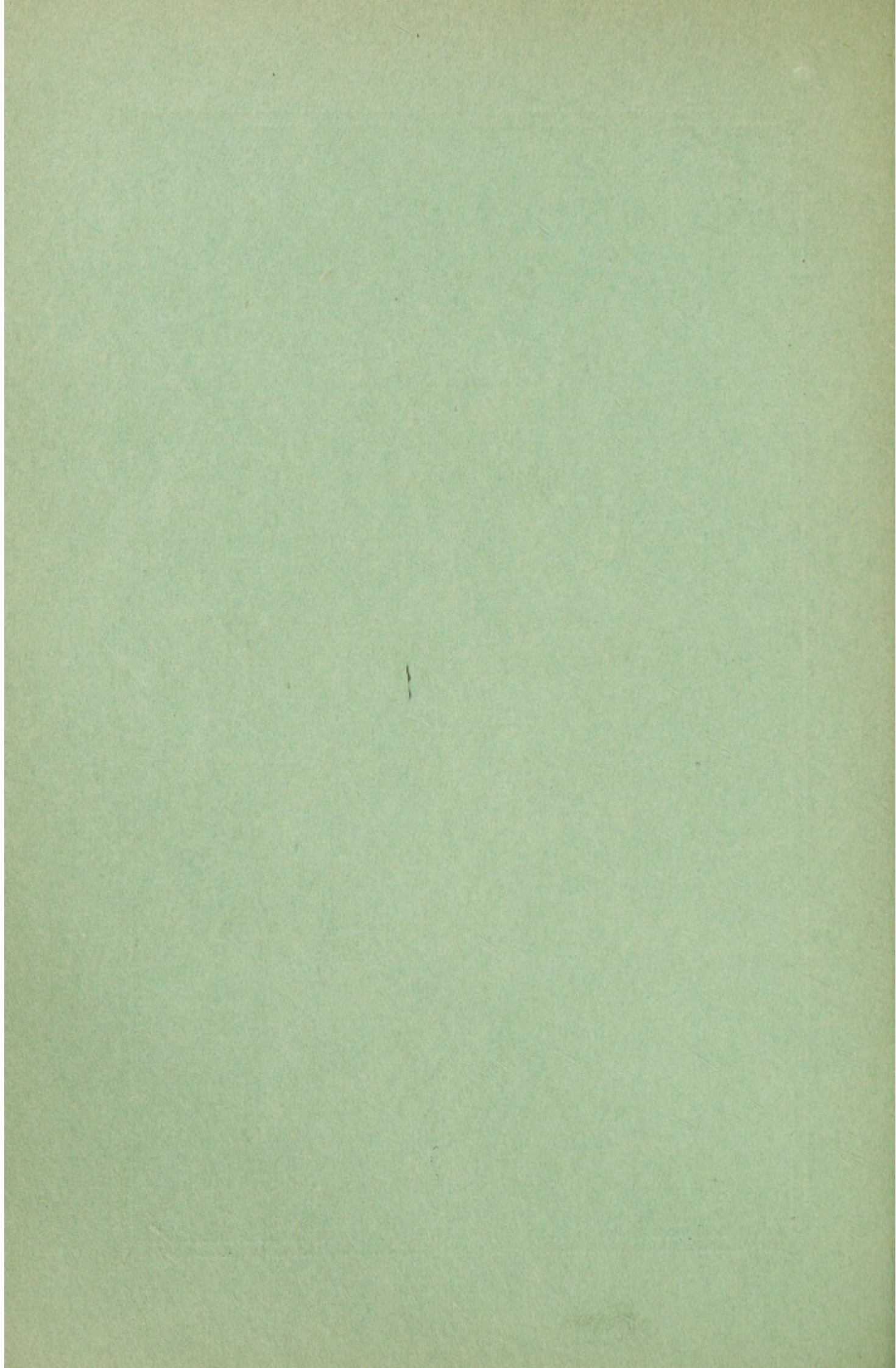
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Medical Officer of Health.*



**ANNUAL REPORT**  
ON THE  
**HEALTH OF GOOLE**  
FOR THE YEAR  
**1940.**

GOOLE:  
JNO. FAWBERT & CO. LTD., PRINTERS, CARLISLE STREET.  
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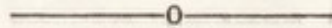
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BOROUGH COUNCIL OF GOOLE.



Public Health Officers.

MEDICAL OFFICER OF HEALTH - A. M. ERSKINE, M.D., D.P.H.  
Deputy Port Medical Officer of Health, Medical Superintendent of the  
Isolation Hospitals, Maternity Home and Child Welfare Centres.

CONSULTING OBSTETRICIAN - W. GOUGH, F.R.C.S.

SENIOR SANITARY INSPECTOR - R. O. BLACK.  
Certificates of the Royal Sanitary Institute as Sanitary Inspector, Meat  
and Smoke Inspector. The Sanitary Inspector is also the Shops,  
Petroleum and Housing Inspector.

CLERK - K. WILLIAMS.

ISOLATION HOSPITAL MATRON - D. M. REED,  
State Registered Fever Nurse.

HEALTH VISITORS { E. A. BARLOW,  
State Registered Nurse, State Certified Midwife.  
M. WILLIAMS,  
State Registered Nurse, State Certified Midwife.

MATERNITY HOME MATRON - A. M. COOK,  
State Registered Nurse, State Certified Midwife.

## The Health of Goole during 1940.

### Section A—

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

Area (in acres) 1,267.

The Registrar-General's estimate of resident population is 18,280 compared with 19,690 in 1939 (19,400 for death rate)

Number of inhabited houses (end of 1940) according to Rate Books: 5,543.

Rateable Value	...	£98,847
Penny Rate	...	£374

#### Extracts from Vital Statistics.

Live Births for birth rate—  
after correction for inward and outward transfers as  
furnished by the Registrar-General.

	...	Total	M.	F.
Legitimate	...	283	155	128
Illegitimate	...	11	5	6

Total Births 294.

Birth Rate per 1,000 of the estimated population is 16.  
(15.7 in 1939.)

Live Births for Infantile and Maternal Rates—without  
transfer

	...	M.	F.	Total.
Legitimate	...	157	131	288
Illegitimate	...	5	7	12

Total 300.

Still Births.

	...	M.	F.	Total.
Legitimate	...	6	4	10
Illegitimate	...	0	0	0

Total 10.

Rate per 1,000 total births 33.3

	M.	F.	Total
Deaths	122	112	234

Death Rate per 1,000 of the population is 13.5 (13 in 1939)

The crude death rate is 12.8 which multiplied by the area comparability factor (A.C.F.) 1.06 gives 13.5.

Deaths from puerperal causes:—

	No.	Rate per 1,000 total (live and still births)
No. 29 Puerperal sepsis, deaths	0	0
No. 30 Other Maternal causes	deaths 1	3.3
Total	deaths 1	3.3

Death rate of Infants under one year of age:—

All infants per 1,000 live births	(57.5 in 1939)	56.6
Legitimate infants per 1,000 legitimate live births		56.6
Illegitimate infants		0
Deaths from Cancer (all ages)	...	22
Deaths from Measles (all ages)	...	1
Deaths from Whooping Cough (all ages)	...	0
Deaths from Diarrhoea (under 2 years)	...	1

Marriages. Number 224.

Marriage Rate 24.4

#### Causes of Death.

	Males.	Females.
All Causes	122	112
Typhoid	1	0
Diphtheria	1	0
Tuberculosis-respiratory	5	4
Other tuberculosis	1	1
Syphilis	0	2
Influenza	0	1
Measles	0	1
Cancer of mouth and Uterus	1	0
Cancer of Stomach	3	1
Cancer of Breast	0	6
do All other sites	6	5
Diabetes	1	0
Intra-cranial vascular	12	8
Heart disease	35	32
Other diseases of circulation	4	5
Bronchitis	10	5
Pneumonia	8	9
Other respiratory disease	2	1
Ulcer of Stomach	2	0

Diarrhoea (under 2 years)	...	1	...	0
Other digestive disease	...	1	...	4
Nephritis	...	2	...	3
Puerperal sepsis	...	0	...	0
Other Maternal Causes	...	0	...	1
Premature Birth	...	2	...	1
Congenital malf. and infant dis.	...	1	...	5
Road traffic accidents	...	2	...	0
Other violent causes	...	7	...	5
All other causes	...	14	...	12

Compared with the previous year the recorded death rate is a slightly higher one 13.5 compared with 13 although the actual number of deaths is smaller 234 compared with 237. This is explained by the fact that the rate for 1940 is calculated on a population of 18280 whereas the rate for 1939 was calculated on a population of 19,400.

On account of the severe weather at the beginning of the year there was an increased number of deaths from bronchitis and pneumonia most marked at the extremes of life although there was a smaller number of deaths from respiratory tuberculosis. Two deaths were caused by road traffic accidents.

There was a lessened number of deaths under one year of age. No death under one year was registered in January or March whereas nine were registered in February, five of which were certified as Bronchitis or Pneumonia.

In spite of an epidemic of Measles—788 cases having been visited—there was only one death recorded.

Continuing the satisfactory record under Maternity Mortality there was no death from puerperal sepsis but one death occurred from other puerperal causes viz. post partum haemorrhage.

### England and Wales 1940.

Rates per 1,000 population.

Live Births 14.6

Deaths 14.3

Deaths under one year per 1,000 live births 55



## SANITARY CIRCUMSTANCES OF THE AREA.

### WATER.

In accordance with the Ministry of Health Circular 2086, 6th July, 1940, which gave us instructions to "secure the chlorination of all water supplied by your undertaking." This has been done.

RICHARDSON & JAFFE,  
HUSTLERGATE LABORATORIES,  
BRADFORD.

October 8th, 1940.

### BACTERIOLOGICAL REPORT UPON A SAMPLE OF WATER, from Mr. A. F. Yates,

Gas and Water Works, Doyle Street, Goole.

Sampled October 4th, 1940, at 3-15 p.m. Tap in Laboratory,  
Public Supply (Gasworks).

Number of organisms per cc after 3 days at 20-22C	4
Number of organisms per cc after 2 days at 37C	2
Bacillus Coli-Aerogenes. Number per 100 ccs less than 1	

This is a class 1 water.

(Signed) RICHARDSON & JAFFE.

October 8th, 1940.

### ANALYTICAL REPORT UPON 1 SAMPLE OF WATER from Mr. A. F. Yates,

Gas and Water Works, Doyle Street, Goole.

Public Supply, sampled October 4th, 1940, at 3-15 p.m.  
Received 5/10/40. Tap in Laboratory, Gas Works.

<b>Grains per Gallon—</b>			
Total solid Matters	...	...	30.0
Chlorine (combined)	...	...	2.1
Nitrites	...	...	None
Nitrogen as nitrates	...	...	.500
Free Ammonia	...	...	None
Albuminoid Ammonia	...	...	.0007
Lead, Copper, Zine	...	...	None
Total Hardness (Clark's Scale)	...	...	8.5
		p.h.	7.6

This is water of excellent organic purity well suited for drinking and domestic use.

(Signed) RICHARDSON & JAFFE.

WORK OF THE SANITARY INSPECTORS' UNDER  
ARTICLE 27 (18) OF THE SANITARY OFFICERS  
(OUTSIDE LONDON) ORDER, 1935.

Visits of Inspection made:

Houses—Infectious diseases	...	...	53
do Disinfected	...	...	16
do Council houses for cleanliness	...	...	118
do Investigating suspected overcrowding	...	...	2
do Common Yards	...	...	46
do Housing Defects	...	...	123
do Public Health Act	...	...	539
do Vermin infestation	...	...	16
do Disinfested	...	...	1
do Re-inspection where Notices in force	...	...	648
do Works in progress	...	...	536
do Billets	...	...	244
do Evacuees	...	...	259
Abattoir	...	...	563
Horse slaughterhouse	...	...	13
Butchers' Premises	...	...	74
Bakehouses	...	...	62
Provision shops	...	...	62
Fried fish shops	...	...	141
Markets	...	...	72
Ice cream premises	...	...	27
Shops	...	...	440
Dairies	...	...	23
Cowsheds	...	...	13
Milkshops	...	...	72
Licensed premises	...	...	7
Milk samples (designated) for bacteriological Exmn.	...	...	21
Milk samples (undesignated) for bacteriological Exmn.	...	...	45
Milk samples (School milk) for bacteriological Exmn.	...	...	3
Bath Water for bacteriological examination	...	...	35
Food samples for chemical analysis	...	...	1
Cafe kitchens	...	...	11
School kitchen	...	...	1
Common lodging houses	...	...	19
Factories	...	...	201
Caravans	...	...	1
Stables	...	...	3
Petroleum stores	...	...	5
Rats and Mice Infestations	...	...	12
Interviews with owners, builders, tenants	...	...	243
Smoke Observations	...	...	7
Miscellaneous visits	...	...	197
Complaints investigated	...	...	176

Total 5,153

The following statement shows the number of notices served and the number of notices complied with during the year. The number of notices not complied with at the 1st January, 1940, was 215.

	Served	Complied with
Informal Notices (various) ...	542	562
Statutory Notices (Public Health Acts)	7	4
Statutory Notices (Housing Acts) ...	3	3
Notices not complied with at 31st December, 1940—198.		

## FACTORIES.

### 1.—Inspections for purposes of provisions as to health. Including Inspections made by Sanitary Inspectors.

Premises	Inspec- tions	Written Notices	Occupiers Prosecuted
Factories with mechanical power	} 201	15	0
Factories without mechanical power			
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises)	0	0	0
Totals ...	201	15	0

### 2.—Defects Found in Factories.

Particulars.	Number of Defects.			Number of offences in respect of which Pro- secutions were insti- tuted.
	Found	Remedied	Referred to H.M. Inspector	
Want of cleanliness ...	3	3	0	0
Overcrowding ...	0	0	0	0
Unreasonable temperature ...	2	2	0	0
Inadequate ventilation ...	0	0	0	0
Ineffective drainage of floors ...	0	0	0	0
Sanitary conveniences				
Insufficient ...	2	1	0	0
Unsuitable or defective	3	2	0	0
Not separate for sexes	0	0	0	0
Other offences ...	5	5	0	0

## Section D.—HOUSING.

<b>1.—Inspection of Dwelling houses during the year :—</b>	
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) ... ..	662
(b) Number of inspections made for the purpose ... ..	662
(2) (a) Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations 1925/1932 ...	0
(b) Number of inspections made for the purpose ... ..	0
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	3
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	402
<b>2.—Remedy of Defects during the year without service of formal notices :—</b>	
Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers ...	241
<b>3.—Action under Statutory Powers during the year :—</b>	
(1) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—	
(a) Number of dwelling-houses in respect of which notices were served requiring repairs ... ..	3
(b) Number of dwelling houses which were rendered fit after service of formal notices :—	
By Owners ... ..	3
By local authority in default of Owners ...	0
(2) Proceedings under Public Health Acts :—	
(a) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..	7

(b)	Number of dwelling-houses in which defects were remedied after service of formal notices	
	By Owners	4
	By local authority in default of owners	0
(3)	Proceedings under sections 11 and 13 of the Housing Act, 1936 :—	
(a)	Number of dwelling-houses in respect of which Demolition Orders were made	0
(b)	Number of dwelling-houses demolished in pursuance of Demolition Orders	6
(4)	Proceedings under section 12 of the Housing Act, 1936 :—	
(a)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(b)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0
<b>4.—Housing Act, 1936.—Part IV.—Overcrowding :—</b>		
(1)	(a) Number of dwellings overcrowded at the end of the year	17
	(b) Number of families dwelling therein	17
	(c) Number of persons dwelling therein	122
(2)	Number of new cases of overcrowding reported during the year	0
(3)	(a) Number of cases of overcrowding relieved during the year	0
	(b) Number of persons concerned in such cases	0
(4)	Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil
(5)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	Nil

## Section E.—

**INSPECTION AND SUPERVISION OF FOOD.**

## (a) MILK SUPPLY.

## BACTERIOLOGICAL ANALYSIS.

Designation.	Total number of samples	Number of samples satisfactory.	Number of samples unsatisfactory.
Accredited Milk	3	3	0
Pasteurised Milk	16	15	1
Undesignated Milk	40	17	23

## FOOD CONDEMNED DURING 1940.

Tuberculosis.	Beasts	Pigs	Calves
Full carcasses, including offal	... 16	7	—
Forequarters of beef	... 2	—	—
Heads, including tongues	... 158	178	1
Lungs (pairs)	... 206	102	1
Hearts	... 7	61	—
Livers	... 100	68	—
Tripes	... 11	1	—
Mesenteries	... 67	101	—
Intestines	... 7	1	—
Diaphragms	... 5	—	—
Spleens	... 8	—	—
Kidneys	... 18	2	—
Strippings	... 2	—	—
Loin fats	... 4	—	—
Udders	... 3	1	—
Necks	... —	1	—

## Conditions other than Tuberculosis:

Full carcasses, including offal:	Beasts	Pigs	Sheep	Calves
Fevered	... 1	2	—	—
Emaciation	... 1	1	—	—
Metritis	... 1	—	—	—
Gangrene	... 1	—	—	—
Nephritis	... —	2	—	—
Septic Conditions	... —	1	—	—
Moribund	... —	2	4	—
Dropsy	... —	—	9	—

Parts of carcasses:		Beef lbs.	Pork lbs.	Mutton lbs.	Veal lbs.
Fatty Infiltration	...	50	—	—	—
Bone Taint	...	100	—	—	—
Bruised	...	187	126	—	—
Inflammation	...	36	—	—	—
Abscesses	...	36	—	30	—

Offals:	Condition	Beasts	Pigs	Sheep	Calves
Heads and tongues	Actinomycosis	4	—	—	—
	Abscesses	3	—	—	—
Tongues	Actinomycosis	1	—	—	—
Lungs	Abscesses	6	—	5	—
	Cysts	3	—	—	—
	Emphysema	1	—	—	—
	Inflammation	1	12	—	—
	Parasites	—	—	403	—
Plucks	Cysts	—	—	4	—
	Pericarditis	1	1	—	—
Livers	Abscesses	61	1	—	—
	Flukes	104	—	4	—
	Cysts	1	3	15	—
	Angioma	1	—	3	—
	Fatty Degeneration	1	—	—	—
	Cirrhosis	—	10	57	—
Kidneys	Cysts	2	3	—	—
Loinfat	Bruised	—	1	—	—
Hocks	Deformed	—	9	—	—
Udders	Abscesses	2	—	—	—
	Mastitis	2	—	—	—

Jellied Veal	(decomposed)	3 lbs.
Bacon	do	56 lbs.
Tongue	do	18 lbs.
Corned Beef	do	6 lbs.
Ham	do	6 lbs.
Sausage	do	18 lbs.
Yeast	do	16 bags
Tins of plums	do	1
Tins of salmon	do	2
Tins of herrings	do	1

## Section F—

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

Notifiable Diseases (other than Tuberculosis) during  
the year, 1940.

Disease	Total Cases Notified.	Cases admitted to Hospital.	Total Deaths
Smallpox	0	0	0
Scarlet Fever	22	21	0
Diphtheria	6	6	1
Enteric (including Paratyphoid)	1	1	1
Puerperal Pyrexia	2	0	0
Pneumonia	14	1	17
Erysipelas	1	0	0
Measles	571	2	1
Ophthalmia Neonatorum	1	0	0
Whooping Cough	5	0	0
Cerebro-Spinal Fever	1	1	0
Acute Poliomyelitis	2	2	0

The total number of deaths from the seven principal epidemic or Zymotic diseases, viz., Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Enteric and Diarrhœa is 1.1 per 1,000 of the population compared with 0.3 in 1939.

### GENERAL.

The most prominent feature of the year's review of infectious diseases was an overdue outbreak of measles which began in September and lasted till the end of the year.

571 cases were notified by doctors and a total of 788 were discovered and visited by the health visitors. A gratifying feature of the epidemic was the fact that only one death resulted.

There was a smaller number of notification of Scarlet fever and only 6 cases of Diphtheria were notified compared with 47 during the previous year. This is the smallest number since 1933. There was one death.



In 1935 an immunization clinic was established in Goole. Since this date propaganda has been active and the work continuous. There is still room for improvement before the entire child population has been rendered immune from diphtheria.

The death certified as typhoid may have been due to pneumonia as all the tests for typhoid were negative.

The case of cerebro-spinal meningitis was a Polish Sailor on board a ship which arrived in the port.

Two cases of infantile paralysis were notified and two other cases were discovered as the result of our investigations.

### 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.
0	0	0	0	0	0	0	0	0
1	0	0	1	1	0	0	1	0
5	2	0	0	1	0	0	0	1
10	0	0	0	0	0	0	0	0
15	5	2	1	0	1	2	0	0
25	3	2	3	0	1	0	0	0
35	0	3	1	1	0	2	0	0
45	2	1	0	0	1	0	0	0
55	1	1	0	0	1	0	0	0
65	1	0	0	0	1	0	0	0
<b>Totals</b>	<b>14</b>	<b>9</b>	<b>6</b>	<b>8</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1</b>

During the year there were 23 new cases of respiratory tuberculosis and 9 new cases of other forms of the disease notified giving a total of 32 of all forms compared with 18 and 4 in 1939.

There were 9 deaths from the respiratory and 2 from the other forms of the disease equal to a total death rate of 0.6 per 1,000 persons living and 0.49 from the respiratory variety compared with 0.77 and 0.7 in 1939.

Thus in spite of war conditions and the severe weather in the beginning of the year I am able to record a lessened death rate from "T.B." for the year under review.

The non-tubercular death rate is 1.9



**VENEREAL DISEASES CLINIC, 1939.**

	Syphilis.		Gonorrhœa.		Non Venereal.		Total
	M.	F.	M.	F.	M.	F.	
Under treatment	7	1	2	0	0	0	10
New Cases	13	2	21	0	2	8	46

Number of out patient attendances—250.

**Vaccination.**

Births 399.

Successful vaccinations 58.

Conscientious objections 310.

Dead, Removals, etc. 31.

**MATERNITY AND CHILD WELFARE.**

Form M.C.W. 960.

1.—Population for birth rate, 18,280.

2.—Number of births notified:—

- (a) Live births, 307. (b) Still births, 11. (c) Total, 318  
 (d) By midwives, 310. (e) By doctors, 8.

3.—Health Visiting.

- (a) Number of Health Visitors employed by the Council—2. Voluntary—0.  
 (b) Equivalent of whole-time services—2.  
 (c) Number of visits paid during the year:—  
 (i) to expectant mothers. First visits—67.  
   Total visits—131.  
 (ii) to children under 1 year. First visits—363.  
   Total visits—3068.  
 (iii) to children 1—5 years. Total visits—3,297.

4.—Infant Welfare Centres.

- (a) Number of centres provided and maintained by the Council—2.  
 (b) Total number of children who first attended at the Centres during the year and who, on the date of their first attendance were—  
 (i) under one year 239. (ii) 1-5 years—10.  
 (c) Total number under 5 years who attended at the Centres during the year and who, at the end of the year were—  
 (i) under 1 year—203. (ii) over 1 year—275.

5.—Ante-natal and Post-natal Services.

- |   | Ante-natal. | Post Natal. |
|---|-------------|-------------|
| (a) (i) Number of clinics provided by the Council   | ...         | ...         |
|   | 1           | 1           |
| (ii) Total number of women who attended   | ...         | ...         |
|   | 156         | 5           |
| (b) Total number of expectant mothers ante-natally examined by private and medical practitioners— | 24          |             |

## 6.—Supply of Milk and Food.

In response to the Ministry of Health's Circular, 1840, Goole adopted a scheme for increasing the demand for milk by its supply at reduced prices to nursing and expectant mothers and children under five years of age.

This scheme came into operation in February, 1940, and ended on July 13th, when it was superseded by the National Scheme which is now in operation.

The total quantity of milk supplied during the year to expectant and nursing mothers and young children by the Council was 4,192 liquid gallons and 850 dried pounds.

## 7.—Maternity Home.

1.—Name and address, Goole Maternity Home,  
Bartholomew Avenue.

2.—Number of beds—10.

3.—Number of maternity cases admitted—106.

4.—Average duration of stay—14 days.

5.—Number of cases delivered by—

(a) Midwives—84.

(b) Doctors—22.

6.—Number of cases in which medical assistance was sought by a midwife in emergency—23.

7.—Number of cases notified as puerperal fever—1.

8.—Number of cases of Pemphigus Neonatorum—0.

9.—Number of infants not entirely breast fed—4.

10.—Number of cases of Ophthalmia Neonatorum—0.

11.—Number of Maternal deaths—0.

12.—Number of Infant deaths—

(i) Still born—4.

(ii) within 10 days of birth—3.

Cause of death—(a) Prematurity.

(b) Ateleclasis.

(c) Forceps delivery.

## 8.—Day Nurseries—0.

## 9.—Infectious Diseases.

Disease	Number of cases notified during the year.	Number of cases visited by officers of the Council	Number of cases removed to hospitals.
Ophthalmia Neonatorum	1	1	0
Pemphigus	0	0	0
Puerperal Pyrexia	1	1	1
Measles	571	788	1
Pertussis	6	6	0
Diarrhœa	0	0	0
Poliomyelitis	2	2	2

The case of ophthalmia neonatorum was a mild attack and recovered with vision unimpaired.

## 10.—Maternal Deaths—1.

This death was due to post-partum hæmorrhage.

## 11.—Child Life Protection.

(a) Number of persons receiving children for reward—0.

(b) Number of child protection visitors—1.

## METEOROLOGY.

### RAINFALL and SHADE TEMPERATURES recorded at GOOLE in the County of York for the Year 1940.

Rain Gauge—Diameter of funnel at top: 5 inches.

Height of top above ground: 1 foot.

Height of ground above sea level: 18 feet.

#### RAINFALL.

Month 1940	Total depth inches	No. of Days with .01" or more recorded.	Greatest fall in 24 hours inches.
January	2.32	11	.63
February	1.87	16	.49
March	1.71	15	.40
April	2.32	18	.65
May	.77	9	.20
June	.69	10	.30
July	5.01	18	1.54
August	.78	10	.38
September	.99	12	.23
October	2.88	17	.94
November	3.83	16	.96
December	2.47	17	.51
	25.64	169	

#### SHADE TEMPERATURE (MEAN).

	Max. deg.	Min. deg.	Mean deg.
January	34	26	30
February	40	33	36.5
March	48	38	43
April	54	42	48.
May	65	50	57.5
June	74	56	65
July	67	54	60.5
August	68	55	61.5
September	63	49	56
October	55	46	50.5
November	48	40	44
December	43	36	39.5

