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Borough of Colne.

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# Annual Report

OF THE

Medical Officer of Health.

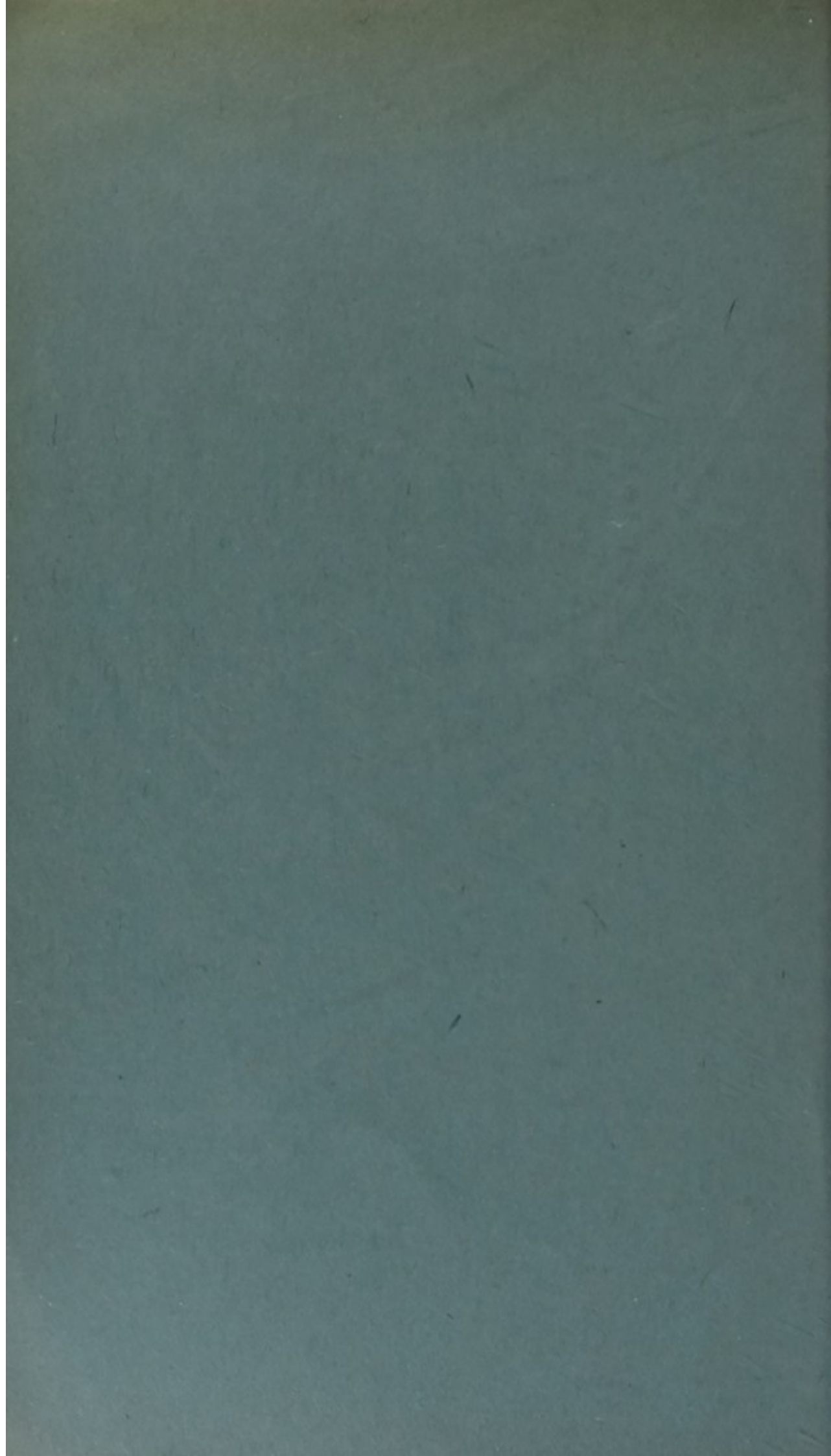
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FOR THE YEAR 1941

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R. E. ROBINSON,

Medical Officer of Health.



## BOROUGH OF COLNE.

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### HEALTH COMMITTEE.

Councillor Arthur Burrell, J.P., *Chairman*.

County Councillor E. Tye, *Vice-Chairman*.

His Worship the Mayor (*ex-officio*).

Councillor J. Y. Ball.

„ Albert Burrell.  
 „ E. Duckworth, J.P.  
 „ E. Phillips.  
 „ A. Pickles.  
 „ W. Riddiough, J.P.  
 „ J. W. Shackleton.  
 „ H. Snell.  
 „ R. Whalley.  
 „ W. Whittle.  
 „ G. E. Wilmore, J.P.

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### MATERNITY AND CHILD WELFARE COMMITTEE.

Councillor Arthur Burrell, J.P., *Chairman*.

County Councillor E. Tye, *Vice-Chairman*.

His Worship the Mayor (*ex-officio*).

Councillor J. Y. Ball.

„ Albert Burrell.  
 „ E. Duckworth, J.P.  
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 „ W. Riddiough, J.P.  
 „ J. W. Shackleton.  
 „ H. Snell.  
 „ R. Whalley.  
 „ W. Whittle.  
 „ G. E. Wilmore, J.P.

### CO-OPTED MEMBERS.

The Mayoress (Mrs. Arthur Parkinson).

The Deputy Mayoress (Mrs. Arthur Burrell).

Mrs. J. E. Allen.

Mrs. J. King.

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Town Clerk—L. A. Venables, Esq.



# BOROUGH OF COLNE.

## PUBLIC HEALTH DEPARTMENT.

### STAFF:

*Medical Officer of Health, etc.*

R. E. ROBINSON, M.A., M.R.C.S., L.R.C.P., D.P.H.

\**Chief Sanitary Inspector* : A. FORTUNE, M.S.I.A.

\**Assistant Sanitary Inspector* : J. BLAKELEY, M.S.I.A.

*Health Visitors :*

Miss M. RIGBY, S.C.M.

Miss M. HARTLEY, S.R.N., S.C.M.

(Resigned, December, 1941)

*Matron of the Maternity Home :*

Miss H. I. ALLISON, S.R.N., S.C.M.

*Clerks :*

S. McDERMOTT.      Mrs. E. MOSLEY.      A. BARKER.  
(In H.M. Forces)

*Voluntary Workers' Committee :*

President : Mrs. ALLEN.

Hon. Treasurer : Mrs. HELLIWELL.

Hon. Secretary : Mrs. HEAP.

*School Nurses :*

Miss A. WARD, S.R.N.

Miss A. WILLMAN, S.R.N., S.C.M.

*Part Time Officers :*

*Ear, Nose and Throat Specialist :*

DONALD WATSON, M.B., Ch.B., F.R.C.S.

*Eye Specialist :*

W. H. KEIP, M.B., Ch.B., D.O. (Oxon).

*Consulting Obstetric Specialist :*

A. CALLAM, D.S.O., M.D., Ch.B., F.R.C.S. (Edin).

*Physicians : Maternal Care Scheme.*

F. C. MACAULAY, M.C., M.B., Ch.B.

A. W. EADIE, M.B. Ch.B.

J. B. AITKEN, M.B., Ch.B.

W. ALEXANDER, M.A., M.B., Ch.B., D.P.H.

H. H. BULLOUGH, M.B., Ch.B.

A. W. R. EARDLEY, M.B., Ch.B.

G. S. EASTON, M.B., Ch.B.

*Dental Surgeon :*

S. GORDON ROSS, L.D.S.

\*Qualified Meat Inspectors.

## PREFACE.

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HEALTH DEPARTMENT,  
BANK HOUSE,  
COLNE.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

In submitting the Annual Report for 1941, I am pleased to state that the health of the people of Colne was maintained at a very high level. More people were employed, and the majority had never worked so hard in their lives. Food allowances were good but not excessive, epidemics were non-existent, the birth rate increased, the death rate decreased, and apart from the troublesome increase of scabies, the health account shows a credit balance.

My staff has supported me admirably and I am grateful to them and the Committee, for this help.

I have the honour to be,

Ladies and Gentlemen.

Your obedient Servant,

R. E. ROBINSON.

## Section A.

STATISTICS AND SOCIAL CONDITIONS  
OF THE AREA.

The Borough of Colne is well situated, healthy, and in excellent natural surroundings. It is 600 ft. to 800 ft. above sea level. There is good natural drainage and a plentiful water supply.

## EMPLOYMENT AND UNEMPLOYMENT, COLNE AREA.

The introduction of war work into the town, and the fact that the Government has declared the cotton trade a vital industry, has led to increased employment and there is now a shortage of labour in the district.

There is no unemployment amongst juveniles.

## STATISTICS FOR THE YEAR 1941.

Area (in acres)	...	...	...	...	...	...	5,939
Population	...	...	...	...	...	...	21,220
No. of inhabited houses end of 1941, according to Rate Book	...	...	...	...	...	...	7,209
Rateable value	...	...	...	...	...	...	£133,367
Sum represented by a Penny Rate	...	...	...	...	...	...	£511

EXTRACTS FROM VITAL STATISTICS  
FOR THE YEAR 1941.

					Birth Rate per thousand of the estimated resident population.
Live Births (a)	Legitimate	Total.	Male.	Female	11'4
	Illegitimate	226	123	103	
		16	6	10	
	Totals	242	129	113	
Live Births (b)	Legitimate	Total.	Male.	Female.	Rate per 1,000 total (live and still) births. 43'3
	Illegitimate	233	126	107	
		16	6	10	
	Totals	249	132	117	
Still Births (a)	...	12	5	7	Death Rate per thousand of the estimated resident population. 12'1
(b)	...	13	5	8	
Deaths	...	257	129	128	

NOTE :—Births (a)—For calculation of Birth Rates.

„ (b)— „ „ Infant and Maternal mortalities.



Deaths from Puerperal Causes :—		Deaths.	Death Rate per 1,000 total (live and still) births.
From Puerperal Sepsis...	...	—	—
Other Puerperal Causes	...	One	3·8
		<hr/>	<hr/>
Total	...	One	3·8
		<hr/>	<hr/>

## Deaths of Infants under one year of age :—

Legitimate	...	...	5	Total	...	...	5
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## Death Rates of Infants under one year of age :—

All infants per 1,000 live births	...	...	...	...	...	20
Legitimate infants per 1,000 legitimate live births	...	...	...	...	...	21
Illegitimate infants per 1,000 illegitimate live births	...	...	...	...	...	Nil
Deaths from Cancer (all ages)	...	...	...	...	...	33
„ „ Measles (all ages)	...	...	...	...	...	Nil
„ „ Whooping Cough (all ages)	...	...	...	...	...	Nil
„ „ Diarrhœa (under 2 years of age)	...	...	...	...	...	Nil



COMPARATIVE TABLE.

BOROUGH OF COLNE. Population 21,220.	Per 1,000 Estimated Population.				Maternal Mortality Rate.		Rate of Deaths under one year per 1,000 live Births
	Live Birth Rate	Crude Death Rate	Death Rate from Tuberculosis of Respiratory System	Death Rate from Cancer	Rate per 1,000 Live Births	Per 1,000 total [live and still] Births	
Mean of 5 years—1936-1940	10.4	15.7	0.68	1.81	4.22	4.08	44
Year 1940	11.0	17.2	0.73	2.30	8.80	8.60	44
<b>Year 1941</b>	11.4	12.1	0.28	1.08	4.01	3.81	20
Increase or Decrease in 1941 on 5 years' average—1936-1940	+0.1	-3.6	-0.40	-0.73	-0.21	-0.27	-24
Previous year...	+0.4	-5.1	-0.45	-1.22	-4.79	-4.79	-24

## SUMMARY OF THE PRINCIPAL CAUSES OF DEATH, 1941.

(Registrar General's Official Returns, 1941.)

All Causes 257—Males 129, Females 128.

	Causes of Death.	Males	Females
1	Typhoid and Para-typhoid Fevers ...	—	—
2	Cerebro-Spinal Fever ... ..	—	1
3	Scarlet Fever ... ..	1	—
4	Whooping Cough ... ..	—	—
5	Diphtheria ... ..	1	—
6	Tuberculosis of Respiratory System ...	5	1
7	Other Forms of Tuberculosis ... ..	—	2
8	Syphilitic Diseases ... ..	1	1
9	Influenza ... ..	2	2
10	Measles ... ..	—	—
11	Acute Polio-myelitis and Polio-encephalitis ... ..	—	—
12	Acute Infantile Encephalitis ... ..	1	—
13	Cancer of Œsophagus and Uterus ...	—	3
14	Cancer of Stomach and Duodenum ...	3	6
15	Cancer of Breast ... ..	—	1
16	Cancer of all Other Sites ... ..	7	13
17	Diabetes ... ..	2	—
18	Intra-cranial Vascular Lesions ...	15	13
19	Heart Disease ... ..	41	35
20	Other Diseases of Circulatory System	6	4
21	Bronchitis ... ..	10	9
22	Pneumonia ... ..	4	4
23	Other Respiratory Diseases ... ..	1	1
24	Ulcer of Stomach or Duodenum ...	3	—
25	Diarrhœa (under 2 years) ... ..	—	—
26	Appendicitis ... ..	—	1
27	Other Digestive Diseases ... ..	1	5
28	Nephritis ... ..	2	7
29	Puerperal and Post-abortion Sepsis ...	—	—
30	Other Maternal Diseases ... ..	—	1
31	Premature Birth ... ..	—	—
32	Congenital Malformation, Birth Injuries, Infantile Diseases ...	1	1
33	Suicide ... ..	—	—
34	Road Traffic Accidents ... ..	1	2
35	Other Violent Causes ... ..	5	2
36	All Other Causes ... ..	16	13
		129	128

# ENGLAND AND WALES.

## BIRTH-RATE, DEATH-RATE and ANALYSIS of MORTALITY during the Year 1941.

(Provisional figures based on Weekly and Quarterly Returns.)

	Rate per 1,000 Population.		Annual Death-Rate per 1,000 Population.							Rate per 1,000 Live Births.		
	Live Births	Still-births	All Causes.	Typhoid and Para-typoid Fevers.	Small-pox.	Measles.	Scarlet Fever	Whooping Cough.	Diphtheria.	Influenza.	Diarrhoea and Enteritis (under 2 years).	Total Deaths (under 1 year)
<b>COLNE</b> ... ..	11.4	0.56	12.1	0.00	—	0.00	0.04	0.00	0.04	0.18	0.00	20
England and Wales ...	14.2	0.51	12.9	0.00	—	0.03	0.00	0.06	0.07	0.19	5.1	59
126 County Boroughs and Great Towns, including London ...	14.7	0.58	14.9	0.00	—	0.03	0.00	0.07	0.08	0.17	7.5	71
148 Smaller Towns (Resident populations 25,000 - 50,000 at Census 1931) ...	16.4	0.60	13.0	0.00	—	0.03	0.01	0.06	0.06	0.20	4.6	56
London ... ..	8.9	0.33	16.3	0.01	—	0.02	0.00	0.04	0.03	0.15	6.8	68
Puerperal Sepsis. Others. Total.												

The maternal mortality rates for England and Wales are as follows:

Total Births (live & still)	0.48	1.75	2.23
Total Births (live & still)	0.00	3.8	3.8

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do.

COLNE

do.



## INFANT MORTALITY.

1941. *Nett Deaths from stated causes at various ages under One Year of age.*  
Compiled from the Official Registrations.

Causes of Death.	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total deaths under 1 year
All Causes :—	1	...	...	...	1	3	...	...	1	5
Anencephalus ... ..	1	...	...	...	1	...	...	...	...	1
Broncho-pneumonia ... ..	...	...	...	...	...	2	...	...	1	3
Heart Failure and Convulsions ... ..	...	...	...	...	...	1	...	...	...	1

The Infant Mortality figure for 1941 is 20 per 1,000 live births. This is a decrease on the previous year and on the average figure for the previous five years.

### VITAL STATISTICS.

**BIRTHS.**—The number of live births registered during the year was 242. Of these, 129 were males, and 113 females. The birth rate per 1,000 of the population is 11·4, and is an increase of 0·4 on the previous year. Although these figures show a slight increase the births in Colne are still too low.

To those who decry the occurrence of births in wartime, I would remind them of the Battle of Britain. The Empire and the world were saved by the gallantry of young men who were born during the period of 1914-18. There will be wars and rumours of wars; it is to be hoped that the present babies will not be called upon to undergo the same sacrifice as those of the last war.

**STILL BIRTHS.**—The high number of still births clearly indicates the constant need for Ante-Natal care. In a very few cases there appears to be a cause for this, but investigation and research are still necessary in order to avoid recurrences of this high figure.

**DEATHS.**—The number of deaths registered was 257, of which 129 were males, and 128 females. The crude death rate is 12·1 per 1,000 of the population.

### CAUSES OF SICKNESS AND DEATH DURING THE YEAR 1941.

The number of deaths in 1941 shows a decrease as compared with the figure for 1940.

Heart Diseases and Cancer were again the principal causes of death in Colne. I repeat the need for the periodic overhaul of the people of Colne.

## Section B.

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

(i) Particulars of the Public Health Staff are set out on page 2 of this report.

#### (ii) (a) LABORATORY FACILITIES.

Bacteriological and Bio-chemical examinations are carried out for the Colne Health Authority by the Burnley Health Authority, at the Public Health Laboratory, Victoria Hospital, Burnley.

The Public Analyst, Burnley, carries out any chemical analyses which may be required.

The Bacteriological examinations undertaken by the Public Health Laboratory, Burnley, during the past year, and their results, are as follows:—

	No. Examined.	Positive.	Negative.
(a) Bloods ... ..	7	4	3
(b) Swabs from Throat ...	65	11	54
(c) Sputum ... ..	8	3	5
(d) Swabs from Nose ...	—	—	—
Totals...	80	18	62

Special examinations ... 1. (Cerebro-spinal Fluid).

#### (ii) (b) AMBULANCE FACILITIES.

The Ambulance facilities provided are adequate for the need of the district.

The Colne Corporation give financial support to the St. John Ambulance Association, whereby a full-time service is made available to the Public for Medical and accident cases.

During the year 556 calls were received involving a mileage of 4,865 miles. Fifty-nine of these were accidents, the rest being Medical or Surgical cases.

For the removal of infectious cases the Burnley and District Joint Hospital Board supply the necessary services for Colne.

#### (ii) (c) NURSING IN THE HOME.

GENERAL.—There are two District Nurses working in the Area. They are officers of the Hartley Hospital, Colne, and not under the control of the Health Authority.



INFECTIOUS DISEASES.—No arrangement is made with the District Nursing Association for the home nursing of cases of infectious diseases. The Health Visitors visit the homes in the case of young children.

MIDWIVES.—There are two Municipal Midwives, appointed by the County Council, practising in the area.

(ii) (d) CLINICS AND TREATMENT CENTRES.

MATERNITY AND CHILD WELFARE CLINICS.—These clinics are held at Bank House, Albert Road, Colne.

The Sessions are :—

Wednesday ... ..	9 a.m. to 12 noon. 2 p.m. to 4-30 p.m.
Thursday ... ..	9 a.m. to 12 noon. 2 p.m. to 4-30 p.m.

The records of the work done during the years 1936 to 1941 at the Centre are shown below.

	1936	1937	1938	1939	1940	1941
Cases which received medical advice ... ..	787	750	1040	1014 (26)	815 (26)	499
Total consultations ... ..	1120	1040	1376	1225	839	513
Average No. of attendances—						
(a) Per week ... ..	140	147	152	126·5	116·4	116·8
(b) „ session ... ..	31·8	24·7	25·8	29·0	29·2	29·2

DISTRIBUTION OF MILK TO MOTHERS AND CHILDREN.

Under the Maternal Care Scheme in 1941, 28 Nursing and 35 Expectant mothers have received dried milk. Dried milk and other accessory food factors are issued free in necessitous cases on a certificate from the Medical Officer, according to an approved scale of income.

In 1941, a total of 5,014 lbs. of dried milk were sold or issued free.

TABLE SHOWING AMOUNT OF MILK DISTRIBUTED FREE.

	1936	1937	1938	1939	1940	1941
Applications granted	182	190	170	156	92	24
Total Cost £	157/19/3	215/9/4	205/1/10	151/15/1	78/15/1	31/19/2

The Government Milk Scheme was continued during the year. This resulted in less dried milk being needed from the Clinic. It also had an adverse effect on the attendance at the Clinic.



TABLE SHOWING THE NUMBER OF VISITS PAID BY THE HEALTH VISITORS TO MOTHERS AND CHILDREN.

The Health Visitors have paid the following number of visits :—

	1936	1937	1938	1939	1940	1941
First visits paid to mothers and children ... ..	227	214	196	296 (39)	216 (5)	275
Re-visits—children under 1 year	1051	767	911	853 (62)	1230 (78)	1310
Visits paid to children aged 1-5 yrs	1465	1219	1747	1845(404)	2154(162)	2031
„ „ expectant mothers	81	63	68	226(103)	97	114
Re-visits ... ..	124	55	39	119 (97)	95 (21)	84
Post-natal visits ... ..	13	6	...	...	...	...
Ineffectual visits... ..	317	177	95	346	383	302
Total ... ..	3278	2501	3056	3685(705)	4175(266)	4116

N B.—Figures in parenthesis relate to evacuees.

VISITS TO THE CLINIC BY INFANTS AND CHILDREN FROM OUTSIDE THE BOROUGH.

Visits to the Clinic by Infants and Children outside the Borough have continued.

	1936	1937	1938	1939	1940	1941
No. of Children ... ..	70	70	67	59	75	70
„ Attendances ... ..	477	598	676	522	505	454
Barnoldswick ... ..	1	3	4	2	1	2
Barrowford ... ..	1	1	—	—	—	—
Salterforth ... ..	—	—	2	—	—	—
Foulridge ... ..	13	14	17	18	28	39
Kelbrook and Earby ... ..	4	—	—	—	—	—
Nelson ... ..	38	35	23	21	23	15
Burnley ... ..	1	—	1	—	2	—
Trawden... ..	12	17	20	18	17	12
Other Towns ... ..	—	—	—	—	4	2
Total ... ..	70	70	67	59	75	70

RECORD OF WORK DONE AT THE INFANT WELFARE  
CENTRE DURING THE YEARS 1936-1941 INCLUSIVE.

		1936	1937	1938	1939	1940	1941
Number of Separate infants who attended the Clinic	Old ...	344	332	389	311 (21)	413 (3)	442
	New ...	356	353	308	308 (30)	383 (13)	377
	Total ...	700	685	697	769 (51)	796 (16)	819
Attendances made by children							
under 1 year... ..		4540	4735	4502	3474 (46)	3851 (42)	4151
Between 1 and 2 years... ..		1249	1308	1433	1187 (41)	790 (6)	778
„ 2 and 5 „ ... ..		1096	1026	1363	1162 (24)	1062 (34)	736
Expectant Mothers attending ...							
Visits paid by Expectant Mothers		67	70	58	80 (10)	46 (2)	40
		449	391	279	260 (37)	168 (5)	106
Attendances made at the Clinic							
1st Quarter ... ..		1628	1331	1946	1543	1065 (28)	1196
2nd „ ... ..		1579	1812	1779	1534	1648 (34)	1423
3rd „ ... ..		1903	2023	1899	1451 (32)	1494 (15)	1550
4th „ ... ..		1775	1903	1674	1295 (79)	1496 (5)	1496
Total ... ..		6885	7069	7298	5823(111)	5703 (82)	5665

N.B.—Figures in parenthesis relate to evacuees.

### THE INFANT CLINIC AT BANK HOUSE.

The accommodation at the Welfare Clinic, Bank House, consists of one Consulting Room, two Dressing and Weighing Rooms, a Kitchen and a large Waiting Room.

### SCHOOL CLINICS.

Clinic.	Situation.	Accommodation.	By whom provided.
Minor Ailment.	Bank House, Colne.	Waiting Room. Consulting Room. Dressing Room.	Local Authority.
Special.	Bank House, Colne.	Waiting Room. Consulting Room.	Local Authority.
Dental.	Bank House, Colne.	Waiting Room. Operating Room. Recovery Room.	Local Authority.
Ophthalmic.	Bank House, Colne.	Waiting Room. Consulting Room. Dark Room.	Local Authority.
Sunlight Clinic.	Bank House, Colne.	Dressing Rooms. Operating Room.	Local Authority.
Operative, Tonsils and Adenoids.	Hartley Hospital, Colne.	Waiting Room. Anaesthetic Room. Operating Theatre. Beds for Recovery.	Hartley Hospital Trust.



Clinic.	Situation.	Accommodation.	By whom provided.
Orthopædic.	Carr Road, Nelson.	Waiting Room. Consulting Room. Remedial Exercises Room. Plaster Room.	Lancs. County Council.

### THE ARTIFICIAL SUNLIGHT CLINIC.

During the year 16 children under five years of age made 486 attendances. New admissions to the Clinic numbered 9 and 12 cases were discharged.

The following types of cases derived special benefit; namely:—

Rickets...	...	...	...	...	...	...	1
Debility and/or Malnutrition	...	...	...	...	...	...	4
Septic Spots, Eczema, etc.	...	...	...	...	...	...	1
Bronchitis	...	...	...	...	...	...	1
Anæmia	...	...	...	...	...	...	1
Genu Valgum	...	...	...	...	...	...	3
Deformity of Sternum	...	...	...	...	...	...	1
Abscesses	...	...	...	...	...	...	1
Miscellaneous	...	...	...	...	...	...	3

### MINOR AILMENT CLINIC.

One hundred children, under five years of age, made 267 attendances.

### THE ORTHOPÆDIC CLINIC.

The Diagnosis of the cases on the Clinic Register during the year 1941 are:—

Rickets...	...	...	...	...	...	...	3
Birth Palsy	...	...	...	...	...	...	4
Calcaneo Valgus	...	...	...	...	...	...	4
Deformity of Hip	...	...	...	...	...	...	1
Genu Valgum	...	...	...	...	...	...	9
Spastic Paraplegia	...	...	...	...	...	...	1
Metatarsus Varus	...	...	...	...	...	...	1
Talipes Equino Varus	...	...	...	...	...	...	1
Intoeing Gait	...	...	...	...	...	...	1
Poliomyelitis	...	...	...	...	...	...	1
Other Deformities	...	...	...	...	...	...	2

No. of children in hospital on December 31st, 1940	...	...	...	1
" " children admitted to orthopædic hospital during the year	...	...	...	1
" " children discharged from hospital during the year	...	...	...	1
" " children in hospital on January 1st, 1942	...	...	...	2



## Number of cases seen at the Orthopædic Clinic :—

No. of new cases	...	...	...	...	...	20
No. of cases seen by the Surgeon, 1941	...	...	...	...	...	28
" " examinations made by the Surgeon	...	...	...	...	...	57
" " treatments given by the Nurse	...	...	...	...	...	30
" " cases refusing treatment	...	...	...	...	...	2
" " cases which have left the district	...	...	...	...	...	—
" " cases discharged not requiring further treatment	...	...	...	...	...	1
" " cases referred for X-Ray	...	...	...	...	...	1
" " cases referred for minor operation (Manchester)	...	...	...	...	...	—
" " cases transferred to School Clinic Register during the year	...	...	...	...	...	1

## THE DENTAL CLINIC.

The details of cases under five years seen at the Dental Clinic :—

No. of attendances...	...	...	...	77
" " extractions	...	...	...	5
" " fillings	...	...	...	52
Advice given to cases	...	...	...	10
Dressings	...	...	...	91

## THE TUBERCULOSIS DISPENSARY.

The Tuberculosis Dispensary is at Carr Road, Nelson, and is provided by the Lancashire County Council.

		Adults.	Children.
No. of cases admitted to Sanatoria	...	10	—
" " " Pulmonary Hospital	...	3	1
" " " General Hospital	...	—	1
" " " Special Hospital	...	6	5
" " granted Artificial Light Treatment	...	6	2
" " " Skin Hospital Treatment	...	—	—
" " " Dispensary Supervision			
" " " or Dispensary Treatment...	97	18.	
" " " X-Ray Examination	185	Adults and Children	

Total number of cases under supervision on 31st

December, 1941	...	...	...	74	18
Pulmonary	...	...	...	46	1
Non-Pulmonary	...	...	...	25	17
Combined (Pulmonary and Non-Pulmonary)	...	...	...	3	—
Removed from the register during the year as recovered	3	—			

THE VENEREAL DISEASE CLINIC is provided by the Lancashire County Council and is situated at Victoria Hospital, Burnley. The service is satisfactory. Local practitioners receive information as to the times at which patients can receive treatment at the Clinic and as to where the necessary utensils, compounds, etc., can be obtained for the treatment of such patients.

## (ii) (e) HOSPITALS.

Name.	Situation.	Purpose and No. of Beds.	By whom provided.
The Hartley Hospital.	Keighley Road, Colne.	General. Adults 34. Children 10.	The Hartley Hospital Trust.
Nursing Staff—Matron 1, Sisters 4, Nurses 3, Probationers 9.			
Burnley Sanatorium	Marsden Road, Burnley.	Infectious Diseases.	Burnley and District Joint Hospital Board.
Burnley Municipal General Hospital.	Casterton Avenue, Burnley.	General.	Burnley Public Health Committee.
Christiana Hartley Maternity Home.	Barrowford Road, Colne.	Maternity Home. 14 Beds. 2 Isolation.	Miss Hartley & Colne Maternity and Child Welfare Committee.
Nursing Staff—Matron 1, Sister 1, Nurses 2, Probationers 2.			
General Medical and Surgical.	The Hartley Hospital, Colne. Facilities are available for operative surgery. Special department for X-Ray work. Out patients' department for Ophthalmic Cases. Out-patients' department for ear, nose and throat cases. Number of beds, male 12, female 16, children 10, private wards 4, isolation 2.		
	Municipal Hospital, Burnley.		
	Manchester Royal Infirmary.		
Children...	...	...	Hartley Hospital. Number of beds, 9.
			Municipal Hospital, Burnley.
Maternity	...	...	Christiana Hartley Maternity Home. 14 beds. 2 isolation, and out patient Ante-Natal Clinic.
			Bank Hall Maternity Hospital, Burnley.
Venereal Diseases	...	...	Burnley Municipal Clinic, Victoria Hospital, Burnley.
Tuberculosis	...	...	The Lancashire County Tuberculosis Sanatoria and Hospitals.
Mental	...	...	The Institutions of the Lancashire Mental Hospital Board.
Mentally Deficient	...	...	The Central Lancashire Association for Mental Welfare.
Orthopædic	...	...	Lancashire County Council Hospital at Biddulph.
			Ancoats Hospital, Manchester.



Ear, Nose and Throat ...	The Hartley Hospital, Colne.
Puerperal Pyrexia ...	The Sanatorium, Burnley.
Ophthalmia Neonatorum	Burnley Municipal Hospital. Manchester Eye Hospital. Bradford Eye and Ear Hospital.

### THE HARTLEY HOSPITAL.

This Institution provides for in-patients and out-patients, and has a modern X-Ray Department. It was provided through the beneficence of the Hartley family. The Hospital is admirably situated and most efficiently equipped and staffed as a voluntary general hospital.

### INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS, AND HOMELESS INFANTS.

Unmarried mothers are admitted to the Municipal Maternity Home in Colne. They may also be admitted to the Bank Hall Maternity Home, Burnley.

Illegitimate infants and homeless children as well as unmarried mothers, are provided for, through the auspices of the Public Assistance Committee of the House of Help, Burnley.

### INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

Educable children are sent to the Central Lancashire Association for Mental Welfare School at Stanley Street, Colne, or to the Association's Institutions at Calderstones. Ineducable children are reported to the Mental Welfare Committee of the Lancashire County Council, to be placed in Certified Institutions when such a course is practicable or desirable.

## 2. (i) MATERNITY SERVICES.

### THE COLNE MATERNAL CARE SCHEME.

The scheme herewith described has been adhered to in all its details in spite of the fact that a 25 bed Emergency Maternity Home has been established at Langroyd Hall. This Home accommodated mothers sent from Bradford at the outbreak of the war.

The Scheme co-ordinates all agencies working in Colne for the care of mothers, makes it possible for all Colne mothers to obtain adequate medical and nursing supervision before, during, and after childbirth.



It has for its object the reduction of ill-health, and the prevention of loss of life following upon childbirth.

The General Practitioners of Colne undertake the supervision of their own patients, and have the services of a Consultant Obstetric Specialist and a Dental Surgeon, the whole Scheme being under the direction of the Medical Officer of Health. Ante-natal and post-natal Clinics are conducted at the Ante-natal Department of the Christiana Hartley Maternity Home in Barrowford Road, by the Medical Practitioners, Municipal Midwives, and the Matron of the Home.

The advantages of the Scheme are available for patients, whether or not they are to be confined at the Maternity Home, and whether or not they have engaged a doctor for the confinement.

The Scheme has been extended by the provision of an Emergency Unit. This was thought to be necessary in order to deal with emergency arising in a patient's home.

To complete the Unit a panel of blood donors has been formed.

#### ANTE-NATAL AND POST-NATAL CARE.

Ante-natal Care and Post-natal Care form an important part of the Scheme, and this is undertaken by the patient's own doctor, at no charge to the patient. A Health Visitor attends the Ante-natal and Post-natal Clinics and co-ordinates the work of the Maternity Home and the Maternity and Child Welfare Centre. She makes frequent home visits to keep in touch with as many expectant mothers as possible.

A great deal of unnecessary discomfort and ill-health is borne by sensitive women who have a mistaken belief that such suffering is an inevitable accompaniment of childbirth.

There is now no reason why such suffering should continue, because opportunity is given for free private consultations with the physicians of the Scheme, at the Clinic, for all mothers. The best time for this is about six weeks after childbirth.

#### ANTE-NATAL CLINIC 1941.

Five hundred and fifty-four patients attended the Ante-natal Clinic attached to the Maternity Home and made 2,167 attendances during 1941.

Two hundred and seventy-one patients were examined by their own doctors under the Maternal Care Scheme.

Four hundred and ninety-seven examinations were made by the doctors on the above 271 patients.



Of the 554 patients attending the Clinic, 165 were patients from outside the Borough of Colne who had doctors not participating in the Scheme.

Forty-two patients were examined Post-natally by doctors.

I again repeat the need for emphasis on the value of Post-natal examinations. At the present time too great a difference exists between the number of Ante-natal examinations and Post-natal examinations.

Of the 400 notified births, only 11 of the mothers did not attend the Ante-natal Clinic. Two of these were evacuees and one a day visitor only.

The success of the maternal care scheme is reflected in the very high percentage of mothers taking advantage of its facilities (i.e., 97.25% of the total births).

### ANCILLARY SERVICES.

Special services have been made available, such as those of a Consultant, a Dentist, a Midwife to act as a Maternity Nurse, X-Ray examinations, Laboratory and Ambulance. In necessitous cases, milk, etc., may be granted.

#### (ii) INSTITUTIONAL PROVISION FOR MOTHERS OR CHILDREN.

##### THE CHRISTIANA HARTLEY MATERNITY HOME, BARROWFORD ROAD.

The Christiana Hartley Maternity Home and Ante-natal Clinic in Barrowford Road, now serves the Borough of Colne and the neighbouring districts of the County of Lancaster and of the West Riding of the County of York.

The accommodation available consists of fourteen maternity beds and two isolation beds. The Maternity Block contains two labour wards, sterilisation room, nursery, and duty room. There is also an Ante-natal Clinic, Observation Block, Kitchen and Laundry.

The accommodation in the Home has been very fully occupied. It appears from the number of applicants refused admission to fall short of the actual need.

Experience has shown the need for additional single rooms for the proper nursing of special types of cases, e.g., Difficult Labours, Post Eclampsia, Heart conditions, Caesarean Section and Still Births, and particularly for the provision of Ante-natal Beds.

The following table shows the number of patients admitted yearly to the Maternity Home since its inception in 1927.

Year	Patients admitted.				
1927	...	...	...	...	51
1928	...	...	...	...	118
1929	...	...	...	...	128
1930	...	...	...	...	135
1931	...	...	...	...	145
1932	...	...	...	...	170
1933	...	...	...	...	186
1934	...	...	...	...	194
1935	(April 28th to December 31st)				161
1936	...	...	...	...	251
1937	...	...	...	...	225
1938	...	...	...	...	244
1939	...	...	...	...	231
1940	...	...	...	...	224
1941	...	...	...	...	249

#### LANGROYD EMERGENCY MATERNITY HOME.

Langroyd Hall was open during the whole of the year. Fifteen babies were born in the Home to mothers transferred from Liverpool. Four hundred and sixty-three Post-natal cases were sent along from St. Luke's Hospital, Bradford, to be nursed.

#### ANNUAL STATISTICS RELATING TO THE MUNICIPAL MATERNITY HOME, 1941.

	Borough of Colne	Lancs. C.C.	W.R.Yorks. C.C.	Other Areas	Total
(1) No. of cases in the home on 1st January, 1941	4	—	5	—	9
(2) No. of cases admitted during 1941	135	41	50	23	249
(3) No. of cases discharged during 1941	128	33	54	21	241
(4) No. of cases remaining Jan. 1st, 1942	11	3	1	2	17
(5) Average duration of stay	14½ days	14 days	14 days	15 days	—
(6) No. of cases delivered by :—					
(a) Midwives	77	27	42	7	153
(b) Doctors	57	14	7	16	94
(c) Miscarriages	1	—	—	—	1
(d) Hysterotomy	—	—	—	—	—
(7) No. of cases discharged unde- livered	—	—	1	—	1
(8) No. of cases B.B.A.	1	—	—	—	1
(9) No. of applications for admis- sion granted	147	43	72	31	293
(10) No. of applications made for reduction of Fees	33	12	—	—	45
(11) No. of applications granted	32	3	—	—	35



(12)	No. of cases in which medical assistance was sought by the midwife :—							
	(a) Ante-Natal ... ..	1	1	1	—	3		
	(b) During Labour ... ..	18	1	3	—	22		
	(c) After Labour ... ..	30	9	19	2	60		
	(d) For Infant ... ..	3	—	4	1	8		
(13)	No. of emergency cases sent in by Doctors ... ..	9	3	1	1	14		
(14)	No. of cases notified as :—							
	Puerperal Pyrexia ... ..	—	—	—	—	—		
(15)	No. of cases of Pemphigus Neonatorum ... ..	—	—	—	—	—		
(16)	No. of cases of Ophthalmia Neonatorum ... ..	—	—	—	—	—		
(17)	No. of cases of "Inflammation of Eyes" however slight ...	2	—	—	1	3		
(18)	No. of maternal deaths... ..	—	—	—	—	—		
(19)	No. of live births ... ..	129	40	49	23	241		
(20)	No. of twin births ... ..	—	1	—	—	1		
(21)	No. of Foetal deaths :—							
	(a) Miscarriage... ..	1	—	—	—	1		
	(b) Stillborn ... ..	4	2	—	—	6		
	(c) Hysterotomy ... ..	—	—	—	—	—		
	(d) Within 10 days of birth ...	1	2	1	—	4		
	Stillbirths :—Macerated 1, Asphyxia Pallida 2, Anencephalic Monster 3.							
	Deaths within 10 days of birth :—Prematurity (under 30 weeks) 3, Hydrocephalus with Spina Bifida 1, Convulsions 1.							
(22)	Emergency cases sent in by Doctors 14 :—Ante-Partum Hæmorrhage 4, Breach in Primipara 2, Threatened Miscarriage 3, Threatened Eclampsia 1, Visitor to town 1, Contracted Pelvis 1, Sent from Burnley Bank Hall 2.							
(23)	Details for which Medical Aid was sought by Midwives for :—							
	A. MOTHER—	Brow Presentation ... ..					1	
	Before Labour :	Face Presentation ... ..					2	
	Phlebitis ... ..	1	After Labour :					
	Albuminuria with Hyperpyrexia ...	2	Post-partum Hæmorrhage ... ..					1
	During Labour :	Ruptured Perineum ... ..					56	
	Foetal Distress ... ..	1	Sciatica ... ..					1
	Breech Presentation ... ..	7	Phlebitis ... ..					2
	Delay in 2nd Stage of Labour ...	6	B. INFANT—					
	Contracted Pelvis ... ..	1	Dangerous feebleness due to prematurity					1
	Head above brim in labour ...	1	Mastitis ... ..					1
	Ante-partum Hæmorrhage ... ..	2	Meloena and Hæmatemesis ... ..					1
	Funis Presentation ... ..	1	Discharging Eyes ... ..					3
(24)	Ante-Natal Work :—	Cyanosis ... ..					2	
	Number of patients attending Ante-Natal Clinic ... ..						554	
	„ attendances made at Ante-Natal Clinic... ..						2167	
	Of the 554 patients who received Ante-Natal supervision :—							
	Delivered in Maternity Home ... ..						247	
	Undelivered (due in 1942) ... ..						144	
	Municipal Midwife's Patients ... ..						125	
	Approval refused by W.R.C.C. for admission to Maternity Home						1	
	Non-Pregnant ... ..						2	
	Doctors' Outside Patients ... ..						2	
	Left the District ... ..						19	
	Delivered at Langroyd Hall (Bradford Mothers) ... ..						4	
	Nelson Residents with Colne Doctors... ..						5	
	Delivered at Burnley Municipal Hospital ... ..						2	
	„ Monkholme Nursing Home ... ..						3	

(25) Mr. Callam, the Consultant Obstetrician, was called in on 13 occasions for :—

MOTHER—							
Breech above brim in labour	...	1		Brow Presentation	...	...	1
Frank Breech in Primipara	...	1		Toxæmia (Ante-Natal)	...	...	1
Head above brim of pelvis at term	...	1		Induction of Labour	...	...	1
Ante-partum Hæmorrhage	...	1		Retained Placenta	...	...	1
Placenta Prævia	...	2		Persistent Vomiting	...	...	1
Contracted Pelvis...	...	1		Breech for Version	...	...	1

The following operations were performed .—

Curretage 1, Brow Presentation 1, Placenta Prævia 2, Breech above brim in elderly primipara 1.

### THE ANTE-NATAL CLINIC, CHRISTIANA HARTLEY MATERNITY HOME, BARROWFORD ROAD.

It will be seen from the figures quoted above that the Clinic has been in full use throughout the year. Sessions are held bi-weekly on Wednesday and Friday afternoons for patients seeking admission to the Home. In addition sessions are held on Monday afternoons by the Municipal Midwives. On other week-days the Physicians of the Maternal Care Scheme hold sessions which are specially arranged.

The Clinic is situated to the East of the main building of the Home, from which it is entirely separate. The accommodation consists of Waiting Room and Sanitary Accommodation, Dressing Cubicles, Laboratory and two Consulting Rooms.

The following table shows the figures for Ante-Natal attendance since 1927 :—

Year.	No. of expectant mothers who attended.				No. of attendances at the Clinic.			
1927	...	...	...	44	...	...	...	202
1928	...	...	...	40	...	...	...	210
1929	...	...	...	131	...	...	...	327
1930	...	...	...	153	...	...	...	406
1931	...	...	...	209	...	...	...	678
1932	...	...	...	201	...	...	...	787
1933	...	...	...	262	...	...	...	919
1934	...	...	...	272	...	...	...	998
1935	...	...	...	318	...	...	...	1079
1936	...	...	...	397	...	...	...	1423
1937	...	...	...	436	...	...	...	1468
1938	...	...	...	468	...	...	...	1845
1939	...	...	...	533	...	...	...	1864
1940	...	...	...	507	...	...	...	1830
1941	...	...	...	554	...	...	...	2167



The Clinics and the Home serve not only Colne but the neighbouring County Districts.

It must be remembered also that the specially difficult and abnormal cases are selected for admission.

The area served has a combined population of approximately 60,000, and a maternity field of 400 births was served in 1941 thus involving increased responsibility, and justifying the specialised provision suggested.

The following table shows the number of Ante-Natal patients requiring in-patient treatment and the reason for admission during the years 1932-41.

Table showing the number of Ante-Natal Patients  
Requiring in-patient Treatment, 1932-1941.

1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
17	22	16	7	29	26	30	23	8	7

#### ANTE-NATAL PATIENTS.

Of the 7 Patients in this category in 1941, the following conditions were noted.

Ante-Natal Patients (Requiring Admission in 1941) :—				Actually admitted 1941
Persistent Antepartum Hæmorrhage	...	3		2
Albuminuria with Œdema	...	—		—
Albuminuria and high blood pressure	...	1		—
Albuminuria	...	2		—
Threatened Miscarriage	...	—		—
Cardiac Distress	...	—		—
Hyperemesis Gravidarum	...	—		—
High Blood Pressure	...	1		—
Dangerous Varicose Veins	...	—		—
Total	...	7		2

The number of complications in pregnancy again is less. It appears that the reduction in the amount of meat eaten has resulted in healthier mothers.

## MATERNAL MORTALITY.

One Maternal death occurred in the borough during the year.

Table showing the total number of Births and Stillbirths, and the total number of Maternal deaths for the last ten years.

Year.	Totals including County Cases and other Areas.		Borough of Colne only.	
	No. of Births.	No. of Maternal Deaths.	No. of Births.	Maternal Deaths.
1930	351	3	312	3
1931	353	1	316	1
1932	376	3	315	2
1933	350	2	291	2
1934	382	3	291	3
1935	295	Nil.	262	Nil.
1936	368	Nil.	255	Nil.
1937	342	3	253	2
1938	329	Nil.	192	Nil.
1939	396	3	253	1
1940	340	2	232	2
1941	400	1	270	1

## (iii) HEALTH VISITORS.

The Senior Health Visitor, in spite of a very serious illness previously, was well enough to carry out a very successful year's work.

## (iv) INFANT LIFE PROTECTION.

(Under Part I of the Children Act, 1908, as amended by the Children and Young Persons Act, 1932).

The Senior Health Vistor undertakes the supervision and inspection of children under the above Acts. There was one name on the register at the end of 1941.

3.

## NURSING HOMES.

Action taken during the year 1941 :—

No. of Applications for registration	...	...	...	Nil
No. registered	...	...	...	Nil
No. of orders made refusing or cancelling registration	...	...	...	Nil
No. of appeals against such orders	...	...	...	Nil



No. of cases in which such orders have been—

(a) Confirmed on appeal...	...	...	...	—
(b) Disallowed	...	...	...	—

No. of applications for exemption from registration... 1

No. (a) Granted	...	...	...	...	1
(b) Withdrawn	...	...	...	...	—
(c) Refused	..	...	...	...	—

## Section C.

### LIST OF LOCAL ACTS, SPECIAL LOCAL ORDERS, GENERAL ADOPTIVE ACTS AND BYE-LAWS IN FORCE IN THE DISTRICT.

Colne and Marsden Local Board Act, 1881.

Colne Corporation Act, 1897.

Colne Corporation Act, 1905.

Colne Corporation Act, 1921.

Colne Corporation Act, 1933.

Public Health Acts Amendment Act, 1890. (Except Sections 16 to 27, 32, 33, 36 and 47 repealed by P.H.A. 1936).

Infectious Diseases (Prevention) Act, 1890. (Except Sections 5 to 15 and 17 repealed by P.H.A. 1936).

Provisional Orders Confirmation No. 14 Act, 1903.

Public Health Acts Amendment Act, 1907 (Sections 17, 22, 86 and 94).

Public Health Act, 1925, Part 2 (except Section 20 repealed by P.H.A. 1936).

Housing of the Rural Workers Scheme approved by the Minister of Health, 12th February, 1939.

#### BYE-LAWS AND REGULATIONS :—

New Streets and Buildings, 1925.

Bye-Laws with respect to Common Lodging Houses, 1908.

” ” ” Slaughterhouses, 1908.

Public Slaughterhouse Bye-Laws, 1933.

Bye-Laws for the Regulation of Offensive Trades, 1934.

#### 1. (i) WATER.

The town's water supply is obtained from a catchment area of 780 acres near at hand on Emmott Moor. It is collected from the Moor from springs and Laneshaw Reservoir which has a capacity of 75 million gallons.

The reservoir is well situated, 858 feet above Ordnance Datum.

Corn Close Borehole, with pumping plant, was completed in 1937. The capacity of the borehole is 40,000 gallons per hour.



The supply is adequate and of excellent quality, giving satisfactory Bacteriological and Chemical Analysis. 107 Bacteriological and 10 Chemical Analyses were made during the year.

During July, 1941, following a dry spell, water samples showed contamination to a dangerous degree. The Coliform count was far too high, and was only reduced after chlorination. This fact accounts for the increase in the number of water samples tested Bacteriologically.

Filtration is carried out by Bell's Mechanical Filters, Candy Filters and sand filtration.

During the year under review, complaints were received from the consumers of a private supply, regarding the quality of the water. Samples were taken and two Chemical and two Bacteriological examinations were made. Appropriate action was taken.

No. of houses on constant direct supply ...	...	...	...	7694
No. of houses supplied by stand pipe ...	...	...	...	—

## (ii) DRAINAGE AND SEWERAGE.

### EXTENSION OF SEWERAGE.

There are approximately 40 miles of sewers within the area. One hundred feet of 6in. sewer was laid during the year in Back Keighley Rd.

### SEWAGE DISPOSAL.

#### (i) *Water Carriage System.*

The arrangements for sewage disposal are concentrated at the Sewage Purification Works in Burnley Road. The plant and methods of treatment have again been satisfactory during the year, and no complaints of nuisance have been received.

The extension of the sewerage system to those areas where a water supply is available and septic tanks exist, would be a scheme worthy of consideration, if the public health is to be regarded.

## 2. RIVERS AND STREAMS.

The Lancashire Rivers Board is responsible for the supervision and protection of the rivers and streams in the area.

All complaints received by the Health Officers are dealt with locally as far as practicable. No complaints have been received during the year.

Report furnished by A. FORTUNE, M.S.I.A. Senior Sanitary Inspector, under Article 27 of the Sanitary Officers outside (London) Regulations, 1935.

### (i) CLOSET ACCOMMODATION.

There were 76 pail closets and 41 tanks or privies still in use in the area at the end of the year. In most of these instances there is an adequate supply of water, but no sewer available. Conversions to the water carriage system would necessitate the provision of a septic tank, but due caution should be taken before installations of these are carried out, to ensure that land and ditches are not fouled by the effluents therefrom.

The conversion of 48 waste water closets into fresh water closets have been carried out during the year under review, these have chiefly been cases where parts and fittings could not be replaced. The Corporation grant of £3 per conversion has been continued.

At the end of the year under review there were still approximately 3,801 waste water closets within the Borough.

Conversions and additions in 1941 :—

Waste W.C's to fresh W.C's	...	...	48
Tank Closets to fresh W.C's	...	...	—
Pail Closets „ „ „	...	...	—
Additional fresh W.C's provided	...	...	35

#### VARIOUS TYPES EXISTING AT THE END OF 1941.

		F.W.C's	W.W.C's	Tanks	Pails	Bins
Dwellinghouses	...	3757	3744	39	76	7033
Factories, Offices and Lock-up Shops		749	44	—	—	195
Sunday Schools and Institutions	...	135	3	2	—	54
Day Schools	...	146	—	—	—	36
Public Buildings, Offices, etc.	...	140	10	—	—	63
Totals...	...	4927	3801	41	76	7381



## (ii) PUBLIC CLEANSING.

Controlled tipping was continued during the year on land which it is proposed ultimately to develop as playing fields.

## (iii) SANITARY INSPECTIONS OF THE AREA.

The following is a summary of the 3,605 inspections made during the year :—

Dwellingshouses P.H.A. and H.A.	...	...	...	92
"          P.H.A.	...	...	...	1425
"          Infectious Diseases	...	...	...	360
Common Lodging Houses	...	...	...	—
House-let-in-Lodgings	...	...	...	3
Alleged Dirty and Verminous Houses	...	...	...	13
Tents, Vans and Sheds	...	...	...	7
Suspected Overcrowding	...	...	...	13
Animals so kept as to be a nuisance	...	...	...	—
Bakehouses	...	...	...	73
Cowsheds, Dairies and Milkshops	...	...	...	111
Ice Cream Premises	...	...	...	5
Fried Fish Shops	...	...	...	45
Slaughterhouses	...	...	...	537
Other premises where food is prepared	...	...	...	157
Offensive Trades and Marine Stores	...	...	...	43
Offensive Accumulations	...	...	...	5
Stable Premises	...	...	...	55
Schools	...	...	...	15
Factories	...	...	...	232
*Offices	...	...	...	—
Smoke Observations	...	...	...	—
Drains Inspected and Tested	...	...	...	241
Rag Flock Act	...	...	...	3
Rats and Mice Destruction Act	...	...	...	65
Water Samples	...	...	...	8
Food and Drug Samples	...	...	...	97
				<hr/>
				3605

## ADDITIONAL SPECIAL VISITS, ETC.

Disinfecting and Stoving Houses after Infectious Disease	157
"          "          Schools	5
"          "          Public Buildings	1
Removing Obstructions from W.C's, Drains, etc.	274
Number of Beds Disinfected by Steam	56
Number of Articles Disinfected by Steam	1808

DEFECTS REMEDIED AND SANITARY IMPROVEMENTS CARRIED OUT  
UNDER THE SUPERVISION OF THE SANITARY INSPECTOR.

Roofs Repaired	...	...	...	...	...	3
Chimney stacks pointed and repaired	...	...	...	...	...	2
External walls pointed and rendered free from dampness	...	...	...	...	...	5
Yards re-paved or repaired	...	...	...	...	...	52
Walls and ceilings repaired	...	...	...	...	...	7
Windows repaired and made to open	...	...	...	...	...	9
Wood floors repaired	...	...	...	...	...	1
Flagged floors repaired	...	...	...	...	...	2
New wood floors provided	...	...	...	...	...	1
Hot water service installed	...	...	...	...	...	12
Baths provided	...	...	...	...	...	12
Lavatory Basins provided	...	...	...	...	...	9
Rent book omissions	...	...	...	...	...	2
Houses provided with adequate water supply	...	...	...	...	...	1
Fire grates (new) provided and fixed	...	...	...	...	...	16
New doors provided or repaired	...	...	...	...	...	1
Vent pipe acting as rain water fall pipe removed	...	...	...	...	...	2
Eaves gutters and fall pipes repaired	...	...	...	...	...	13
Sink waste pipes trapped and repaired	...	...	...	...	...	17
New Sinks provided	...	...	...	...	...	10
New drains constructed	...	...	...	...	...	56
Drains reconstructed	...	...	...	...	...	66
Rain water fall pipes disconnected	...	...	...	...	...	4
W.C. cisterns repaired	...	...	...	...	...	1
Water closet buildings repaired	...	...	...	...	...	52
Tippers repaired	...	...	...	...	...	64
Waste water closets converted (Corporation Scheme)	...	...	...	...	...	48*
Drains opened out for inspection...	...	...	...	...	...	61
„ cleansed and repaired	...	...	...	...	...	304
Houses sprayed to remove vermin	...	...	...	...	...	26
Defective dustbins replaced	...	...	...	...	...	19
Defective excreta pail replaced	...	...	...	...	...	1

TABLE OF NUISANCES RECORDED AND ABATED

Number of complaints received	...	...	...	...	466
„ „ informal notices served	...	...	...	...	100
„ „ statutory notices served	...	...	...	...	31
„ „ nuisances discovered	...	...	...	...	112
„ „ „ outstanding from 1940	...	...	...	...	69
„ „ „ abated	...	...	...	...	136
„ „ „ carried forward to 1942	...	...	...	...	45



# FACTORIES AND WORKSHOPS.

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

Including Inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers Prosecuted. (4)
FACTORIES with mechanical power ... ..	165	4	—
FACTORIES without mechanical power ... ..	67	3	—
OTHER PREMISES under the Act (including works of building and Engineering construction but not including outworkers' premises). ... ..	—	—	—
TOTAL ... ..	232	7	—

## 2. DEFECTS FOUND.

Particulars. (1)	Number of Defects.			Number of defects in respect of which prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of cleanliness (S. 1) ... ..	—	—	—	—
Overcrowding (S. 2) ... ..	1	1	—	—
Unreasonable temperature (S. 3) ... ..	—	—	—	—
Inadequate ventilation (S. 4) ... ..	—	—	—	—
Ineffective drainage of floors (S. 6)... ..	—	—	—	—
Sanitary conveniences { insufficient ... ..	—	—	—	—
{ unsuitable or defective ... ..	—	2	—	—
{ artificial lighting ... ..	6	11	—	—
{ not separate for sexes ... ..	4	4	—	—
Other offences ... ..	2	2	1	—
Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.)				
Total ... ..	13	20	1	—

## RATS AND MICE DESTRUCTION.

Sixty-five inspections were made to alleged rat infested premises and the necessary action was taken. Advice was given on methods of eradication. Red Squill poisons were available at cost price from the Health Department throughout the year, until the supplies were exhausted.

## TENTS, VANS AND SHEDS.

Seven visits were paid during the year to this type of movable dwelling, these being chiefly to vans in connection with the bi-annual fair.

## COMMON LODGING HOUSES.

There are no registered common lodging houses within the Borough.

## OFFENSIVE TRADES.

The trades carried out in Colne under the above designation are :—  
Gut Scraper 1; Tallow Melter 1; Tripe Boilers 2; Tanners 3;  
Fellmonger 1; Leather Dressers 2.

In addition there are 15 Fried Fish Shops on the Register.

Forty-three inspections were made of Offensive Trades and Marine Stores and 45 inspections to Fried Fish Shops. These businesses have been carried on without complaint during the year.

## (iv) SHOPS AND OFFICES.

Sixty-six inspections were made to shops relating to ventilation, temperature and sanitary conveniences, and no contraventions were found.

CLOSING OF SHOPS.—Forty-two general inspections were made after the closing hours, and it was noted that the regulations were being observed.

Proceedings were instituted against one shopkeeper for a contravention of the Butcher's Closing Order, the defendant being fined £1, including costs.



A classified list of shops is set out below :

### ANALYSIS OF SHOPS WITHIN THE BOROUGH.

Grocers (including 6 Off Licences) ...	119	Brought forward...	441
Ladies' Wear ...	29	Animal and Bird Foods ...	1
Butchers... ..	34	Wine and Spirits ...	2
Sweets ... ..	25	Glass and China Ware ...	2
Confectioners and Cafes	26	Picture Framers ...	2
Cloggers and Boot and Shoe repairers ...	31	Dry Cleaners ...	3
Fish Friers ... ..	15	Herbalists ... ..	3
Newsagents ... ..	19	Saddlers ... ..	1
Tailors and Outfitters ...	15	Pawnbroker ... ..	1
Garages, etc. ... ..	17	Lending Library ...	1
Hairdressers (Ladies) ...	15	Brush Maker ... ..	1
Wireless and Electric ..	13	Leather and Grindery ...	1
Green Grocery ... ..	12	Cheese ... ..	1
Hairdressers (Mens) ...	8	Milk Purveyor only ...	1
Painters and Paperhangers	13	General Store ... ..	1
Furnishers ... ..	12	Hardware ... ..	2
Plumbers ... ..	10	Prams, etc. .. ...	1
Ironmongers ... ..	5		<hr/>
Chemists ... ..	8	Vacant Shops ... ..	465
Tobacconists ... ..	3		<hr/>
Florists ... ..	3		140
Printers ... ..	4		<hr/>
Tripe Sellers ... ..	2		605
Photographers ... ..	1		<hr/>
Jewellers and Opticians	2		35
			<hr/>
Carried forward...	441	Market Hall ... ..	18
		" " Vacant Shops	<hr/>
			53
			<hr/>
		Grand Total ...	658
			<hr/>

#### (v) CAMPING SITES.

No applications were received for the use of sites in the area for camping purposes.

#### (vi) SMOKE ABATEMENT.

In conjunction with the Ministry of Home Security observations of factory chimneys have been discontinued for the duration of the war.

#### (vii) SWIMMING BATHS AND POOLS.

There are no privately owned swimming baths or pools open to the public in the area. The Corporation owns Public Baths and Swimming Pools, which were opened in 1909.

They consist of the following :—  
An Adult Swimming Pool, Children's Swimming Pool, Shower and Foot Baths, with Dressing Cubicles, sanitary accommodation, and seats for spectators. There is also a series of medicated baths.

The Children's Swimming Pool has been utilised as a First Aid Post since the outbreak of hostilities.

In the swimming baths the arrangement for the inlet of the purified water is very unsatisfactory. Also the method of removal of visible suspended matter depends too much on individual action.

#### (viii) ERADICATION OF BED BUGS.

Private houses are inspected and disinfested upon complaint of infestation from owner or occupier.

(1) In cases of infestation of houses all wallpaper is stripped and woodwork removed, prior to spraying the walls, floors and crevices with Zaldecide insecticidal fluid twice within fourteen days. All defective plasterwork is then made good. Occasionally, in cases of severe infestation, it has been found necessary to follow up with a fumigant (Fumoid Lamps) in order to achieve the desired result.

(2) When tenants are removed to Council houses all bedding is passed through a steam disinfector before being transferred to the new house. Furniture is subjected to Hydrogen Cyanide disinfestation.

(3) Disinfestation of clothing and bedding is carried out by the local authority and Hydrogen Cyanide disinfestation of furniture by private contractor.

(4) Quarterly inspections are carried out by the Borough Surveyor's Department. There have been no cases of infestation or re-infestation after the tenants have been removed into Council houses.

Seven houses thus reported were dealt with as outlined in paragraph (1), five houses were suspected and reported as not being clean. These were sprayed, along with 13 empty Council houses prior to being re-occupied.

#### (ix) SCABIES.

Much attention has been given to this nuisance, and during the year there has been a decided increase in its incidence amongst children and adults. A very interesting situation arose in a Hostel maintained by a firm on war work. Five young women attended five medical practitioners in the town, with the result that different instructions were issued to each. Each person wished to go back to her home town, and such was the position that there was a threatened stampede. The Managing Director



rang up the Health Department in desperation. After a short talk by the Medical Officer of Health and reassurance, the outbreak was cleared up in a few days by the Sulphur Laver method and there has been no absenteeism since. The Hostel contained 42 young ladies.

4.

## SCHOOLS.

The sanitary conditions and water supply of the Public Elementary Schools are satisfactory.

The health of the scholars is safeguarded by Medical inspection. It has not been necessary to close any of the schools on account of Infectious Disease during 1941. Exclusion from school of cases and contacts, and a careful search for carriers in classes and departments, has proved effective in limiting the spread of infectious disease.

## Section D.

## HOUSING.

Number of new houses erected during the year :—

(a)	Total including numbers given separately under (b)	—
(i)	By the Local Authority ... ..	—
(ii)	By other Local Authorities ... ..	—
(iii)	By other bodies and persons ... ..	—
(b)	With state assistance under the Housing Act :—	
(i)	By the Local Authority ... ..	—
(ii)	By other bodies or persons ... ..	—

*Total Number of New Houses built by the Local Authority under Various Acts, to the end of 1941.*

(1)	Housing Act 1919	...	...	...	...	56
(2)	Housing Act 1924	...	...	...	...	442
(3)	Housing Act 1925, Part III	...	...	...	...	132
(4)	Housing Act 1930	...	...	...	...	390
(5)	Housing Act 1936	...	...	...	...	—
						<hr/>
						1020
						<hr/>

*I. Inspection of Dwellinghouses during the year :—*

(1)	(a)	Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts) ... ..	55
	(b)	The number of inspections made for the purpose ... ..	165
(2)	(a)	Number of dwellinghouses (included under subhead (1) (a) above) which were inspected and recorded under the housing Consolidated Regulations, 1925 and 1932 ... ..	20
	(b)	The number of inspections made for the purpose ... ..	52
(3)		Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	—
(4)		Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	30



(2).—*Remedy of Defects during the year without Service of formal Notices :—*

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers	...	...	...	29
--	-----	-----	-----	----

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

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(1) Number of dwellinghouses in respect of which notices were served requiring repairs :— i

(2) Number of dwellinghouses which were rendered fit after service of formal notices :—

(a) By owners... .. 1

(b) By Local Authority in default of owners —

(b) Proceedings under Public Health Acts :—

(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied ... .. 14

(2) Number of dwellinghouses in which defects were remedied after service of formal notices :—

(a) By owners... .. 12

(b) By Local Authority in default of owners —

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwellinghouses in respect of which Demolition Orders were made... .. —

(2) Number of dwellinghouses demolished in pursuance of Demolition Orders ... .. —

(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 ... .. —

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

*Housing Act, 1936 Part I.V. Overcrowding.*

(a) (i)	Number of dwellings overcrowded at the end of the year	...	...	...	...	...	—
(ii)	Number of families dwelling therein	...	...	...	...	...	—
(iii)	Number of persons dwelling therein	...	...	...	...	...	—
(b)	Number of new cases of overcrowding reported during the year	...	...	...	...	...	1
(c) (i)	Number of cases of overcrowding relieved during the year	...	...	...	...	...	1
(ii)	Number of persons concerned in such cases	...	...	...	...	...	9
(d)	Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	...	...	...	...	...	—

## HOUSING CONDITIONS.

In the Borough there are approximately 120 unfit houses still to be dealt with under Section 25 of the Housing Act, 1936, in addition to the 186 back-to-back houses comprising the Nineveh Area, and there are still in the town 230 back-to-back and 150 single type houses requiring attention under the Housing Act.

## PROCEEDINGS UNDER SECTIONS 11 AND 12, HOUSING ACT, 1936.

There have been no proceedings under these sections during the year.



## Section E.

## INSPECTION AND SUPERVISION OF FOOD.

## (a) MILK SUPPLY.

111 inspections were made of the milk producing farms within the Borough in addition to frequent visits to milkshops and dairies.

During the year one statutory notice and five informal notices have been served relating to insanitary cowsheds, two of which were complied with immediately.

One occupier has undertaken voluntarily, structural alterations to his shippon and the provision of a dairy at a cost of £130.

Many farmers who formerly manufactured butter have obtained contracts to dispose of their milk wholesale, in some cases alterations to the shippons will be needed to enable a clean milk to be produced.

## DAIRIES, COWSHEDS AND MILKSHOPS:—

No. of Registered Cowkeepers	...	...	...	...	80
" " Butter Makers or Stock Rearers	...	...	...	...	5
" " Wholesale Milk Producers	...	...	...	...	35
" " Producers and Retailers	...	...	...	...	42
" " Purveyors only	...	...	...	...	41
" " Purveyors from outside the Borough	...	...	...	...	26
(included in above)	...	...	...	...	2
" " Licensed Retailers of Tuberculin Tested Milk	...	...	...	...	2
" " " Producers	...	...	...	...	1
" " " Accredited	...	...	...	...	—
" " " Retailers of Pasteurised Milk	...	...	...	...	111
" " Inspections to above classes	...	...	...	...	

## SUMMARY OF WORK EXECUTED AT FARMS

New Floors	...	...	...	...	1
Walls rendered smooth in cement	...	...	...	...	1
Light and ventilation improved	...	...	...	...	2
Wholesome water supply provided	...	...	...	...	1
Dairies provided	...	...	...	...	2
New middensteads provided	...	...	...	...	—
Drainage improved	...	...	...	...	1
Ceilings raised	...	...	...	...	1
Drinking fountains provided	...	...	...	...	14

## MEAT.

From January 15th, 1940, the Ministry of Food took over the Public Abattoirs, as No. 1 Slaughterhouse, and the Co-operative Society Abattoir, as No. 2 Slaughterhouse, for the control of all animals slaughtered for food. The following table explains the use of each :—

Slaughterhouse	Cattle	Sheep	Pigs	Calves	Total
No. 1 ... ..	2114	12151	36	2029	16330
No. 2 ... ..	—	—	769	—	769
Totals ... ..	2114	12151	805	2029	17099

## MEAT AND FOOD CONDEMNED.

				Tons.	Cwts.	Qrs.	Lbs.
BEASTS							
Carcases (40)	...	...	...	6	7	1	18
Portions of Beef	...	...	...	1	13	3	19
Frozen Beef (Bone Taint)	...	...	...	—	—	2	24
Internal Organs	...	...	...	2	10	3	14
Heads	...	...	...	1	10	—	—
Livers	...	...	...	1	6	1	14
Lungs	...	...	...	2	18	1	4
Offal...	...	...	...	2	2	3	—
CALVES							
Carcases (17)	...	...	...	—	4	—	25
Portions of Veal	...	...	...	—	—	1	7
Offal	...	...	...	—	1	1	4
PIGS							
Carcases (1)	...	...	...	—	—	1	17
Portions of Pork (Leg)	...	...	...	—	—	1	12
Heads	...	...	...	—	6	—	24
Livers	...	...	...	—	1	2	4
Lungs	...	...	...	—	2	1	24
Offal	...	...	...	—	1	2	14
SHEEP							
Carcases (6)	...	...	...	—	2	—	21
Livers	...	...	...	—	8	—	4
Lungs	...	...	...	—	10	2	16
Mutton	...	...	...	—	—	—	20
„ (Frozen)	...	...	...	—	—	—	25
Offal (Frozen)	...	...	...	—	—	—	30
...	...	...	...				
...	...	...	...				
Total				26	10	1	4



					Tons.	Cwts.	Qrs.	Lbs.
Amount of Tuberculous meat condemned					14	13	2	24
OTHER FOOD								
Figs ...	...	...	...	...	2	4	—	—
Flaked Tapioca	...	...	...	...	—	2	3	2
Cauliflowers	...	...	...	...	—	11	—	17
Tinned Meat	...	...	...	...	—	1	1	13
Tinned Vegetables...	...	...	...	...	—	—	1	2
Tinned Milk	...	...	...	...	—	—	1	6
Eggs...	...	...	...	...	—	—	2	1
Fish ...	...	...	...	...	—	—	—	20
					3	—	2	5

The figs, flaked tapioca and cauliflowers were utilized for animal food.

#### BYE-LAWS AS TO FOOD :—

The attention of the Council is again directed to the powers they have, to make Bye-laws as to Food, contained in Section 105 of the Colne Corporation Act, 1933. It is suggested that early consideration should be given to the formation of such bye-laws.

There are on the Registers of the Department :—

Butchers' Shops	...	...	...	...	...	...	34
Fried Fish Shops	...	...	...	...	...	...	15
Ice Cream	Manufacturers and Vendors				...	...	12
	Vendors only				...	...	5
Cooked Meat Shops	...	...	...	...	...	...	61

Private Slaughterhouses :—

No. Licensed	...	...	...	...	...	...	4
--------------	-----	-----	-----	-----	-----	-----	---

#### BAKEHOUSES.

No. on Register	...	...	...	...	...	...	40
No. of Inspections	...	...	...	...	...	...	73
Nuisances found—Limewashing overdue	...	...	...	...	...	...	—

#### (c) ADULTERATION OF FOOD AND DRUGS.

The Local Authority became a Food and Drugs Authority as from October 1st, 1939, and the following samples were purchased during 1941 :—

## FORMAL :—

Milk ...	...	...	...	...	...	65
Whisky	...	...	...	...	...	2
Gin ...	...	...	...	...	...	1

All of these samples were genuine with the exception of seven samples of milk, which were found to be adulterated, the vendors in six cases were dealt with by the magistrates and the remaining case was warned by the Legal Department of the Corporation.

Proceedings Instituted	Default or Offence	Result	Fines	Costs
Food & Drugs Act, 1938	Deficient in fat 34%	Dismissed on payment of costs	—	£1/4/0
do.	10.9% of added water	Dismissed	—	—
do.	4.9% do.	do.	—	—
do.	4.6% do.	do.	—	—
do.	0.9% do.	Warned by Legal Department		
do.	Deficient in fat 21%	Convicted	£1/0/0 (inclusive)	
do.	5.9% of added water	Dismissed under P. of F.O.A. and costs	—	4/0

There was one 'appeal to cow' sample which proved genuine milk of high quality, producer-retailer prosecuted.

## INFORMAL :—

Shredded Suet	...	...	...	...	1
Soup Powder	...	...	...	...	1
Meat Pie	...	...	...	...	1
Sardines in Oil	...	...	...	...	1
Lactic Sugar	...	...	...	...	1
Greengage Jam	...	...	...	...	1
Ground Ginger	...	...	...	...	1
Turkey and Tongue Paste...	...	...	...	...	1
Chicken and Ham Roll	...	...	...	...	1
Baking Powder	...	...	...	...	3
Coffee	...	...	...	...	3
Rice	...	...	...	...	1
Pepper	...	...	...	...	1
Arrowroot	...	...	...	...	1
Flour	...	...	...	...	1
Egg Substitute	...	...	...	...	2
Sugar Substitute	...	...	...	...	2
Sal Volatile	...	...	...	...	2
Zinc Ointment	...	...	...	...	1
Pearl Barley	...	...	...	...	1
Vegetable Extract	...	...	...	...	1
Yorkshire Pudding Mixture	...	...	...	...	2
Piccalilli	...	...	...	...	1
Cooking Salt	...	...	...	...	1

All the above samples proved to be genuine. One sample of ice cream was taken during the year. No further action was found necessary.





## INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis).

DISEASE.	Under 1 year	1 year	2 years	3 "	4 "	5 "	10 "	15 "	20 "	35 "	45 "	65 and over	Total cases notified	Cases admitted to Hospital	Total deaths
Acute Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever .....	...	1	2	7	8	51	27	3	6	2	...	...	107	81	1
Diphtheria .....	...	...	1	...	1	3	7	...	4	...	...	...	16	15	1
Enteric Fever (including Paratyphoid) .....	...	...	...	...	...	...	...	...	3	...	...	...	4	4	...
Puerperal Pyrexia .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Pneumonia (Primary and Influenzal) .....	...	...	1	...	...	2	1	4	7	7	6	1	29	...	8
Erysipelas .....	...	...	...	...	...	...	...	...	...	3	2	1	6	...	...
Ophthalmia Neonatorum .....	2	...	...	...	...	...	...	...	...	...	...	...	2	1	...
Whooping Cough .....	4	13	6	9	12	10	...	...	...	...	...	...	52	...	...
Cerebro Spinal Fever .....	...	...	...	...	...	...	...	...	2	...	2	...	4	4	1
Measles .....	4	2	7	4	9	31	9	2	...	...	...	...	70	...	...
Totals .....	10	16	17	20	31	97	44	9	22	12	10	2	290	105	11

NOTIFIABLE INFECTIOUS DISEASES.—Case rates per 1,000 population.

	England & Wales	Colne
Small-pox ...	...	—
Scarlet Fever	1·47	5·04
Diphtheria ...	1·25	0·75
Enteric Fever	0·03	0·18



3.

## TUBERCULOSIS.

It has not been found necessary to enforce the provisions of the Public Health (Prevention of Tuberculosis) Regulations, 1925, with reference to persons suffering from pulmonary tuberculosis, employed in the milk trade, or Section 172 of the Public Health Act, 1936.

## TUBERCULOSIS.

New cases and mortality during 1941.

Age Periods.	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year .....	...	...	...	...	...	...	...	...
1 year .....	...	...	...	...	...	...	...	...
5 years .....	...	...	1	1	...	...	...	...
10 „ .....	...	1	...	...	...	...	...	...
15 „ .....	2	2	...	1	1	...	...	...
20 „ .....	1	4	...	...	...	1	...	...
25 „ .....	1	1	...	2	...	...	...	1
35 „ .....	1	1	...	...	1	...	...	...
45 „ .....	1	...	...	1	3	...	...	1
55 „ .....	1	1	...	1	...	...	...	...
65 and upwards .....	...	...	...	...	...	...	...	...
	7	10	1	6	5	1	...	2
	17		7		6		2	

The ratio of Non-notified Tuberculous Deaths to total Tuberculous Deaths is one in four.

The notification of Tuberculosis is reasonably efficient.

Pulmonary Tuberculosis shows a decided increase. It is time that modified Tuberculin Tests of the Vollmer Patch Test were carried out on young female persons. These, combined with X-Ray, would prove of inestimable value in remedying this alarming increase.

# 1870-1871

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