

[Report 1939] / Medical Officer of Health, Blackwell R.D.C.

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Blackwell (England). Rural District Council.

Publication/Creation

1939

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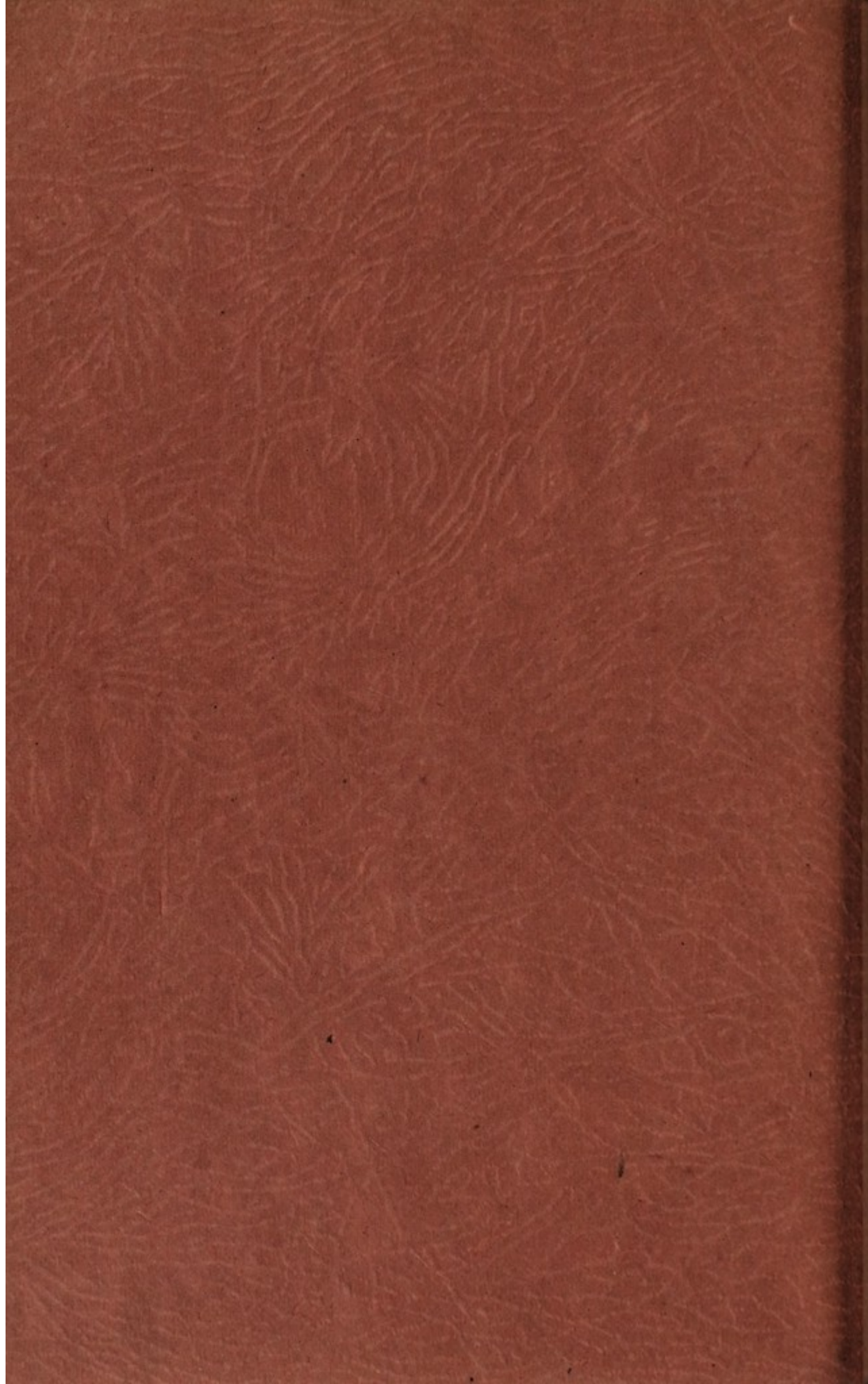
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BLACKWELL
RURAL DISTRICT COUNCIL.

ANNUAL REPORT

FOR THE YEAR

1939

By

A. H. WEAR, M.D., B.S., D.P.H., B.Hy.

Medical Officer of Health.

KING & BIRD, LEEMING STREET, MANSFIELD.

BLACKWELL
RURAL DISTRICT COUNCIL

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BY THE RURAL DISTRICT COUNCIL

PRINTED BY THE COUNCIL

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STAFF.

Medical Officer of Health—

A. H. WEAR, M.D., B.S., D.P.H., B.Hy.

Sanitary Inspectors—

R. CLARKSON (a) (b)

I. N. CREAR (a) (b)

(a) Certificate for inspection of meat and other foods;

(b) S. I. Certificate of R.S.I.

There are five Health Visitors in the area employed by the County Council.

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PREFACE.

TO THE CHAIRMAN AND MEMBERS OF THE
BLACKWELL RURAL DISTRICT COUNCIL.

Gentlemen,

I beg to present my Seventeenth Annual Report, which has been arranged in accordance with Article 14 (3) of the Sanitary Officers Order, 1926.

The outbreak of War in September seriously dislocated the Public Health Services and work in connection with A.R.P. and Evacuation had to take precedence. Unfortunately, the tenants in several Slum Clearance Areas at South Normanton are still requiring to be re-housed and it is also regrettable that the general conversion scheme had to be stopped.

I take this opportunity of thanking the Members of the Council for their support and also my Sanitary Inspectors for their energetic work during a period of exceptional stress.

I am, Gentlemen,

Your obedient Servant,

A. H. WEAR,

Medical Officer of Health.

STATISTICS OF THE AREA.

Area (acres)	21,922
Population (Census 1931)	44,891
Population mid-year (Registrar-General) 1939	42,580
Average population appropriate to the calculation of death rates (1939)	42,160
Number of Inhabited Houses (end of 1939) according to Rate Books	11,105
Rateable Value, 1939	£159,095
Sum represented by a Penny Rate, 1939	£598

SOCIAL CONDITIONS.

These have been described in previous reports.

VITAL STATISTICS.

BIRTHS.

LIVE BIRTHS —

		TOTAL	Males	Females	
Legitimate	...	657	350	307	{ Birth-rate per 1,000 of the estimated resident population, 15·9.
Illegitimate	...	22	14	8	
STILL BIRTHS	...	24	15	9	{ Rate per 1,000 total (live and still) births, 34·1.

		TOTAL	Males	Females	
DEATHS...	...	450	238	212	{ Death-rate per 1,000 of the estimated resident population, 10·6.

Death-rate corrected by comparability factor ... 13·5

Deaths from puerperal causes (Heading 29 and 30 of the Registrar-General Short List):—

No.			Deaths	Rate per 1,000 Total (Live and Still) Births
No. 29	Puerperal Sepsis	...	—	...
„ 30	Other puerperal causes		2	2·8
	Total	...	2	2·8

DEATH-RATE OF INFANTS UNDER ONE YEAR OF AGE:—

All infants per 1,000 live births	...	67·7
Legitimate infants per 1,000 legitimate live births	...	65·4
Illegitimate infants per 1,000 illegitimate live births	...	136

DEATHS FROM:—

Measles (all ages)	...	—
Whooping Cough (all ages)	...	1
Diarrhoea (under two years of age)	...	8
Cancer (all ages)	...	50

The Infantile Death-rate and the Crude Death-rate have not varied much during the last ten years but the Birth-rate has fallen from 18·17 in 1930 to 15·9 in 1939.

There has been a slight increase in the deaths from cancer.

Birth-rate, Death-rate, and Analysis of Mortality during the Year 1939.

	Birth-rate per 1,000 Total Population		ANNUAL DEATH-RATE PER 1,000 POPULATION								RATE PER 1,000 LIVE BIRTHS		
	Live Births	Still Births	All causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping-cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis, under 2 years	Total Deaths under 1 year
England and Wales	15.0	0.59	12.1	0.00	0.00	0.01	0.01	0.03	0.05	0.21	—	4.6	50
126 County Boroughs and Great Towns, including London ..	14.8	0.59	12.0	0.00	0.00	0.01	0.00	0.03	0.05	0.19	—	6.3	53
148 Smaller Towns (1931 adjusted) Populations 25,000—50,000 ..	15.6	0.57	11.2	0.00	0.00	0.01	0.00	0.02	0.04	0.20	—	3.0	40
London	12.3	0.44	11.9	0.00	0.00	0.00	0.00	0.03	0.02	0.18	—	8.2	48
BLACKWELL R.D.	15.9	0.54	13.5	0.00	0.00	0.00	0.00	0.02	0.00	0.23	—	11.7	67

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

No changes or developments have been made in connection with laboratory facilities. The number of types of specimens dealt with by the County Laboratories were as follows:—

					Positive	Negative	Total
Enterica—							
Typhoid, Para-Typhoid A & B ...					—	14	14
Gaertner, Dysentery, etc. ...					1	13	14
Diphtheria					69	248	317
Phthisis					6	69	75
Milk for Methylene Blue Test ...					—	7	7
,, Bacterial Content					3	13	16
,, Bacillus Coli.					5	9	14
Milk for Tubercle Bacilli Inoculation Test:—							
Milk & Dairies Act					—	6	6
,, Routine Samples					—	8	8
Miscellaneous					2	31	33
Water					2	9	11
					88	427	515

Ambulance Facilities in the Area.

The ambulance services provided are adequate for the needs of the district, and the following are available:—

(a) FOR INFECTIOUS CASES.

Ambulance facilities are provided by the North-east Derbyshire Isolation Hospitals.

(b) FOR NON-INFECTIOUS CASES.

In the Southern Area the Council have arranged for the Red Cross Ambulance Station at Morton to serve this part of the district, namely:—the Parishes of South Normanton, Blackwell, Pinxton and Tibshelf. This ambulance is available night and day and can be obtained at Telephone No. Clay Cross 2235.

In the Northern Area the Bolsover U.D.C. Ambulance, Church Street, Bolsover (Telephone, Bolsover 5) is available for the Parish of Scarcliffe (Hamlets of Hillstown, Palterton and Scarcliffe), Parish of Ault Hucknall (Hamlet of Doe Lea) and Glapwell, and the Red Cross Ambulance, Gilbert's Garage, Creswell (Telephone, Creswell 214) is available for the Parishes of Ault Hucknall (except Hamlet of Doe Lea), Pleasley, Scarcliffe (except Hamlets of Hillstown, Palterton and Scarcliffe) and Shirebrook.

In addition to the above we have a reserve St. John's Ambulance available at Mansfield (Telephone, Mansfield 820).

(c) FOR MATERNITY CASES.

Local ambulances provided by the collieries are used for these cases, and also the ambulances for non-infectious cases.

SANITARY CIRCUMSTANCES OF THE AREA.

No action has been taken by the County Council in pursuance of Section 57 of the Local Government Act, 1929, or Section 307 or 320 of the Public Health Act, 1936.

Water.

The Meden Valley water, which supplies this area, continues to give satisfaction; the supply is abundant and the quality is excellent.

The Surveyor has called the Council's attention to the threat to Budby well through subsidence of the ground in the neighbourhood of the pumping station due to colliery workings, by which part of the flow of the river Meden is liable to overflow into a dyke which is now on a lower level than the river and some two hundred feet nearer the well. The water in the dyke was originally pure spring water before being polluted.

A natural river flowing in the course of thousands of years accumulates sediment and forms a more or less impervious bottom. An artificially cut dyke, however, may have a bottom not so imperviable, and hence polluted water may sink into the underlying measures. The Budby well is some 28 feet deep, and the Surveyor is rather afraid that the Colliery subsidence may make fissures form in the sandstone and cause pollution of the well from the dyke. If there are no fissures polluted, water passing through compact sand would be rendered pure in about 6 to 8 feet.

Samples for chemical examination have been taken every three months, and samples for bacteriological examination are taken periodically from the mains and every three months from the Budby well. These samples have been persistently satisfactory. The total hardness has increased by 3 degrees since the water was first obtained, but the permanent hardness has increased very little.

During the year some trouble has been experienced in borehole No. 2 due to the presence of sand. Various methods have been suggested to eliminate this nuisance and the matter is still under consideration.

The following mains have been extended:

- (1) Rotherham Road, New Houghton, to Housing Site for Blackwell Rural District Council.
- (2) Carter Lane, Shirebrook, to Building Site for Messrs. Crooks & Butler Ltd.
- (3) Long Lane, Shirebrook, to Building Site for Mr. H. T. M. Langrick.

A new 4-inch main has been laid in Birchwood Lane, South Normanton, to replace an old and defective 2-inch steel main.

Drainage and Sewerage.

Construction of a new Sewage Disposal Works at Pinxton was commenced in July and satisfactory progress is being made.

The following sewers have been extended:

- (1) Carter Lane, Shirebrook, to Building Site for Messrs. Crooks & Butler Ltd.
- (2) Rotherham Road, New Houghton, to Housing Site for Blackwell Rural District Council.

Urgent Sanitary requirements.

- (1) Re-conditioning and augmenting of the Shirebrook Sewage Works to allow a general conversion scheme to be carried out.
- (2) Connecting a sewer from 90 houses at Blackwell Colliery to the Primrose Hill Works.

Rivers and Streams.

RIVER EREWASH.

The condition of this river has not improved and the water still shows marked evidence of pollution.

Closet Accommodation.

						Number in use at end of 1939.
Water closets ...	...	...	...	...	...	8,015
Pail closets ...	...	...	...	...	...	3,160
Privy middens ...	...	...	...	...	...	251

CONVERSIONS TO WATER CLOSETS DURING 1939:—

						PAILS.	PRIVIES.
Ault Hucknall ...	...	...	...	...	—	—	—
Blackwell ...	...	...	...	...	30	—	—
Glapwell ...	...	...	...	...	1	—	—
Pinxton ...	...	...	...	...	23	—	—
Pleasley ...	...	...	...	...	48	294	—
Scarccliffe ...	...	...	...	...	2	—	—
Shirebrook ...	...	...	...	...	34	—	—
South Normanton ...	...	...	...	...	88	—	—
Tibshelf ...	...	...	...	...	87	10	—
TOTALS					313	304	—

Public Cleansing.

No alterations have been made in the scavenging arrangements. Further details of this work will be found in the Sanitary Inspectors' reports.

Shops and Offices.

Particulars of the work carried out in connection with the Shops Act will also be found in the Sanitary Inspectors' reports.

Camping Sites.

No licences have been issued by this Council under Section 269 of the Public Health Act, 1936, and no sites have been used for camping purposes.

Smoke abatement.

The nuisance at Langwith caused by a burning Colliery tip has abated. The Colliery are no longer tipping on the site and there is now practically no smoke.

The nuisance arising from dust and grit coming from the Langwith Colliery chimney still exists.

Swimming Baths and Pools.

The swimming bath at Tibshelf has been closed, and there are now no baths or pools in this area.

Eradication of Bed Bugs.

Number of houses found to be infested:

- a. Council houses—5.
- b. Other houses—29.

The work of disinfestation is carried out by the use of Lawes Block Disinfestators and the spraying of Lawvercide.

Part of the floor boards in each room are taken up to allow the gas to penetrate into likely places, and the house is sealed for 12 hours.

14 houses were fumigated by the Council at the owners' expense and 7 were dealt with by the owners. Work in connection with the remaining 15 houses is still in hand.

The disinfection of furniture is carried out in a van by means of H.C.N. by a Contractor. Clothing and bedding is done by the Local Authority in their steam disinfectors.

Tenants of houses which have been disinfected are visited periodically by the Sanitary Inspectors to see that they are maintaining a satisfactory standard of cleanliness.

One bug infested house was sprayed with Lawvercide prior to demolition.

Schools.

The sanitary condition of the Public Elementary Schools is on the whole satisfactory. Hardstoft and Scarcliffe Schools are still in need of a proper water supply.

No schools were closed for infectious disease.

HOUSING.

Number of Houses Inhabited at the end of 1939 11,105

Number of New Houses erected during 1939:—

(a) By Local Authority	56	
(b) By private enterprise	103	
	—	159

1.—Inspection of Dwelling-houses during the Year.

- | | | | |
|-----|-----|--|-----|
| (1) | (a) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | 329 |
| | (b) | Number of inspections made for the purpose ... | 701 |
| | | | |
| (2) | (a) | Number of dwelling-houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 | 36 |
| | (b) | Number of inspections made for the purpose ... | 110 |
| | | | |
| (3) | | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 8 |
| | | | |
| (4) | | Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation ... | 127 |

2.—Remedy of defects during the Year without service of formal notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	56
---	-----	-----	-----	-----	-----	-----	-----	----

3.—Action under Statutory Powers during the Year.

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	34
---	-----	-----	-----	-----	----

(b) Number of dwelling-houses which were rendered fit after service of formal notices—

(a) by owners	86
---------------	-----	-----	-----	-----	----

(b) by Local Authority in default of owners	...	—
---	-----	---

2.—Proceedings under Public Health Acts:—

(a) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	—
--	-----	---

(b) Number of dwelling-houses in which defects were remedied after service of formal notices—

(a) by owners	—
---------------	-----	-----	-----	-----	---

(b) by Local Authority in default of owners	...	—
---	-----	---

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	13
---	-----	-----	-----	-----	----

(b) Number of dwelling-houses demolished in pursuance of Demolition Orders	20
--	-----	-----	-----	-----	----

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

(a) (1) Number of dwellings overcrowded at the end of the year	26
(2) Number of families dwelling therein	27
(3) Number of persons dwelling therein	221
(b) Number of new cases of overcrowding reported during the year	5
(c) (1) Number of cases of overcrowding relieved during the year	8
(2) Number of persons concerned in such cases	56

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

374 cowsheds, dairies and milkshops are registered in this district, and 305 visits were paid by the Inspectors.

8 samples of milk were examined for the presence of tubercle bacilli, all were negative.

7 samples were tested by methylene blue test, all were satisfactory.

14 samples were tested by coliform test, 9 were satisfactory and 5 unsatisfactory.

5 samples of pasteurised milk were submitted for bacteriological examination and found to be satisfactory under the Milk (Special Designation) Order, 1936 and 1938.

16 samples were tested for bacterial count, 13 were satisfactory and 3 unsatisfactory.

For further particulars see the Sanitary Inspectors' reports.

Meat and other Foods.

There are 26 slaughter-houses and all are licensed annually. In practically every case regular hours of slaughter are in operation and special attention is given to occasional slaughtering.

3,602 visits were paid to slaughter-houses, butchers' shops and stalls.

Cases of Infectious Disease notified during the year 1939.

Notifiable Disease	Number of Cases notified												Total Cases notified in each Parish of the District								Total Cases removed to Hospital	Total Deaths			
	At all Ages	At Ages—years											Shirebrook	Normanton	Pinxton	Tibshelf	Blackwell	Pleasley	Scarliffe	A. Hucknall			Glapwell		
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65												65 & upwards	
Small-pox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plague ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ..	88	1	1	2	7	33	30	8	4	1	1	1	—	15	12	18	5	—	3	5	—	—	—	85	—
Erysipelas ..	8	—	—	—	—	—	—	—	3	1	3	1	—	3	2	—	—	—	3	2	—	—	—	—	—
Scarlet Fever ..	150	4	6	9	13	70	32	7	7	2	—	—	—	43	36	4	18	12	6	27	2	2	—	144	—
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	6	—	—	—	—	—	—	1	5	—	—	—	—	3	1	1	—	1	—	—	—	—	—	1	—
Ophthalmia Neonatorum ..	2	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis ..	24	—	—	—	—	—	—	6	10	2	5	1	—	7	3	4	2	3	1	2	1	1	—	—	15
Other forms of Tuberculosis ..	17	—	—	1	1	4	3	2	2	1	3	—	—	8	5	2	—	—	2	2	—	—	—	—	5
Pneumonia ..	28	—	1	2	—	—	—	5	9	4	6	1	—	4	5	4	4	1	—	7	2	1	—	—	—
Chicken-pox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever ..	1	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Measles ..	2	2	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—
Dysentery ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS ..	327	4	6	7	14	21	108	65	29	40	12	18	3	89	64	33	29	17	10	71	10	4	220	24	

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

Scarlet Fever.

150 notifications were received. From the table it will be noted that the disease was most prevalent at Shirebrook, Langwith, Tibshelf and South Normanton. There were no deaths. 144 cases were removed to hospital.

Diphtheria.

85 out of the 88 cases notified were removed to hospital.

The cases at Pinxton were practically localized to one street, and the infection was undoubtedly caused by carriers, three of which were discovered when the contacts were examined.

The 15 notifications received from Shirebrook were the tail end of an epidemic which began in the village the previous year.

No Clinics for Schick testing and immunization have been started in the district. Antitoxin is supplied free to the medical practitioners, and in all cases it is given promptly.

Erysipelas.

All the 8 cases notified were treated at home.

Measles.

Only 2 notifications were received as this disease was not made notifiable until towards the end of the year. No action has been taken in regard to the use of measles serum for prophylaxis or attenuation.

Cerebral spinal meningitis.

One case occurred at Shirebrook. The disease was very acute and the patient, a child aged 6 years, died before she could be removed to hospital.

Dysentery.

One case of food poisoning, which proved to be fatal, was notified from Shirebrook. This was a man of 43 years of age who had been an invalid for several years, but had worked regularly until a few days before his death. A post-mortem proved him to have suffered from acute bacillary dysentery of Sonne.

Whooping Cough.

No notifications of this disease were received.

Pneumonia.

28 cases were notified. Facilities for the typing of pneumococci and for the provision of appropriate type sera are available at the County Laboratory, Derby.

Tuberculosis.

The following table gives particulars of new cases of tuberculosis and of all deaths from the disease during the year.

Age Periods in years			NEW CASES				DEATHS			
			Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
			M.	F.	M.	F.	M.	F.	M.	F.
0	..	..	—	—	—	—	—	—	—	—
1	..	..	—	—	1	1	—	—	—	—
5	..	..	—	—	1	3	—	—	—	—
10	..	..	—	—	1	2	—	1	—	—
15	..	..	1	5	1	1	1	—	1	—
20	..	..	2	2	2	—	—	1	1	—
25	..	..	4	2	—	—	3	2	—	—
35	..	..	—	2	1	—	1	1	—	—
45	..	..	—	—	2	—	—	—	1	—
55	..	..	4	1	1	—	4	1	2	—
65 and upwards			—	1	—	—	—	—	—	—
TOTALS ..			11	13	10	7	9	6	5	—

The phthisis death-rate is 0.35 per 1,000 of the population.

No action has been taken during the year under the Public Health (Prevention of Tuberculosis) Regulations 1925 or under Section 172 of the Public Health Act, 1936.

The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is 1 to 5.

Three deaths from Phthisis occurred which had not previously been notified.

FACTORIES AND OTHER PREMISES.

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

Including Inspections made by Sanitary Inspectors.

Premises		Inspections	Written Notices	Prosecutions
Factories	.....	46	2	—
Total	.....	46	2	—

2.—DEFECTS FOUND.

Particulars		Number of Defects Found	Remedied
Want of cleanliness	.....	1	1
Sanitary Accommodation:			
Insufficient	.....	2	2
Unsuitable or defective	.....	1	1
Total	.....	4	4

A. H WEAR,

Medical Officer of Health.

REPORTS OF SANITARY INSPECTORS.

Northern Area.

Name of Inspector: I. N. CREEAR, M.S.I.A., C.R.S.I.

Area of District: 14,626 acres.

Estimated number of Houses: 5,690.

New Houses erected 1939:

By private enterprise—43.

By Council—40.

HOUSING AND TOWN PLANNING—

The number of houses inspected under the Housing Act, 1930, during the year was 36; of this number 2 houses were found to be without defects.

34 notices were served under the Act and repairs were completed in 23 cases.

Number of Informal Notices served by Sanitary Insp'tor	Number of Legal Notices served by Local Authority	Number of Nuisances abated with or without Notice
---	--	--

Closets and Ashpits—

Defective privies, pail closets and ashpits	38	—	109
Conversion of privies into w.c's	—	294	294
Conversion of pail closets into w.c's	—	85	85
Conversion of privies into pail closets	—	—	—
Defective water closets... ..	4	—	11
Provision of additional water closets	—	—	—
Provision of portable ashbins ...	46	7	124
Dirty closets	10	—	31

	Number of Informal Notices served by Sanitary Insp'tor	Number of Legal Notices served by Local Authority	Number of Nuisances abated with or without Notice
<i>Drainage—</i>			
No disconnection of waste pipe	—	—	—
Defective waste pipe, traps, inlets and drains	12	4	31
Drains obstructed	49	—	49
<i>Other Defects—</i>			
Paving of courts and yards ...	33	8	68
Roofs, eaves-spouts and down- spouts	21	8	71
Sinks	4	2	10
Insufficient ventilation	9	2	53
Windows	12	1	25
Dampness	58	2	102
Water in cellars	—	—	—
Water supply	2	—	2
Foul condition of houses	3	—	3
Offensive accumulations	6	—	6
Animals improperly kept	2	—	2
Pigsties	7	—	10
Smoke nuisances	—	—	—
Urinals	—	—	—
Nuisances not specified above ...	10	—	156
Totals	326	413	1,242

	Number on Register	Inspections made	Notices served	Nuisances abated with or without Notice
Dairies, Cowsheds and Milkshops	164	195	6	12
Bakehouses	3	31	—	3
Slaughter-houses	13	1,005	—	4
Offensive Trades	17	72	—	4
Common Lodging-houses...	—	—	—	—
Totals	197	1,303	6	23

Number of infected rooms disinfected—1,786.

Samples submitted for Examination—Water, 20.

30 samples of milk were tested for sediment, all of which proved satisfactory.

During the year under review 3,963 visits were made, details of which are set forth in the following Table:—

Nature of Visits	Total
General District Inspection	99
Inspection of works in progress	950
Interviews and appointments	567
Investigations of complaints of nuisances	140
Testing drains	54
Inspections of Factories Act, 1937	22
Inspections of slaughter-houses	1,005
Visits respecting cases of infectious disease	232
Housing Act inspections	36
Inspections of cowsheds, dairies, etc.... ..	195
Inspections of sewage works, refuse tips and scavenging	223
Water, sewage effluents, and milk samples... ..	36
Inspections of cinematograph halls	20
Visits to overcrowding and slum clearance	22
A.R.P. Interviews and Visits, etc.	362
Total	3,963

The total number of Notices served are set out as under:—

	Structural defects	Nuisances	Total
Preliminary Notices on owners ...	284	42	326
Statutory Notices on owners ...	29	5	34
Preliminary Notices on occupiers ...	—	30	30
Statutory Notices on occupiers ...	—	—	—
Total ...	313	77	390

The number of complaints received during the year was 140. A large number of them were of a trivial nature and could not be dealt with under the Public Health Acts. In every case where a complaint was found to be bona-fide, action was duly taken.

FOOD INSPECTION.

Public Health (Meat) Regulations, 1924.—At the end of the year the premises coming within the scope of these Regulations and a number of Inspections made, were as follows:—

					On Registers	Inspections
Slaughter-houses	...	...	...	...	13	1,005
Butchers' Shops	...	...	...	...	26	901
Butchers' Stalls	...	...	...	...	9	96
Provision Shop and Stalls	...	...	...	...	36	213
Total					84	2,215

The utmost co-operation and desire to carry out the terms of the regulations by the traders affected have been met with.

Slaughter-houses.—The standard of cleanliness has been maintained during the year. Two minor defects were remedied after interviewing the owners.

The times of slaughter vary according to the season. Most of the butchers slaughter on Mondays in the winter, and as often as three days a week in the summer. Notification of intention to slaughter is in this case sent by the butchers to the Sanitary Inspector's office.

Shops, Stalls, Stores and "Making-up" Places.—All the shops are permanent buildings in good structural condition, with the necessary appurtenances and kept clean. There are nine meat

stalls on Shirebrook Market. All the stallholders willingly co-operated in carrying out the terms of the Regulations.

The "making-up" places were on the whole kept in a clean condition during the year.

Vehicles.—Covered vans are mostly used for delivering meat in the Northern Area. I am pleased to say that the butchers are ready to fall in with any suggestions offered to ensure cleanliness.

Meat Inspection.—During the year the carcasses and organs of 7,416 food animals were inspected in slaughter-houses and shops, and were generally of good quality. Parts condemned will be found under the heading "Food condemned and destroyed."

Pigs killed by cottagers. The number of visits made for the purpose of inspection was 114 as compared with 178 the previous year.

During the year 12 emergency calls under the Regulations were dealt with.

Food condemned and destroyed.—The undermentioned articles of food were condemned and destroyed as unfit for food:—

Beef	...	...	...	...	...	...	3,670 lbs.
Beef Offal	...	...	...	...	...	...	5,840 lbs.
Pork	...	...	...	...	...	...	1,166 lbs.
Pork Offal	...	...	...	...	...	...	527 lbs.
Mutton and Mutton Offal			...	...	...	...	181 lbs.
Fish	...	...	...	...	...	...	28 lbs.

		Cows	H'fs	Bul'ks	Bulls	Calves	Pigs	Sheep & Lambs	Total
No. of animals killed	...	790	110	466	7	21	3,420	2,602	7,416
No. of animals Inspected...		703	101	419	7	21	3,110	2,290	6,651

CONDEMNATION OF UNSOUND FOOD.

All diseases except Tuberculosis.

	Cows	H'fs	Bul'ks	Bulls	Calves	Pigs	Sheep & Lambs
Whole Carcases							
Condemned ...	—	—	—	—	—	3	2
Carcases of which some part or organ was Condemned ...	53	1	5	—	—	40	11
Percentage of number inspected affected with disease other than Tuberculosis...	6.71	.91	1.07	—	—	1.29	.48

TUBERCULOSIS ONLY.

Whole carcasses							
Condemned ...	7	—	1	—	—	—	—
Carcases of which some part or organ was Condemned ...	7	6	11	—	—	102	—
Percentage of number inspected affected with Tuberculosis ...	.89	5.56	2.36	—	—	2.98	—

During the year the total amount of food condemned was 5 tons 1 cwt. 3 qrs. 1 st. 2 lbs.

Scavenging.—The Scavenging throughout the whole area has been carried out in a satisfactory manner. The parishes of Glapwell, Pleasley and part of Scarcliffe are under Council contract and Ault Hucknall by private owners.

Closet Accommodation.—The following Table shows the approximate number of each kind remaining at the end of the year in the Northern area:—

Privy Middens	Pail Closets	Water Closets
220	1,214	4,597

Shirebrook and Scarcliffe Scavenging.—The work of scavenging this large area has been carried out in a satisfactory manner. It is a rare occurrence to receive a complaint and then it is generally trivial.

Pail closets are emptied in the more densely populated parts twice weekly (the remainder being emptied once), ash bins are emptied weekly, ashpits about every three weeks and cesspools every three months.

An exceptionally high standard of efficiency has been maintained throughout the year, which to my mind would be difficult to excel.

Total number of loads removed	...	6,368
Number of houses and premises	...	3,516
Estimated population of district	...	15,200
Gross expenditure	... ..	£2,500

The following Table gives details of the work carried out during the year:

Months		Dustbins Emptied	Ashpits Emptied	Pail closets Emptied	Cesspools Emptied	Total No. of Loads Removed
January	...	15,451	12	7,297	12	519
February	...	14,408	6	6,596	8	494
March	...	15,616	8	7,781	17	589
April	...	14,323	—	6,633	7	463
May	...	16,062	3	7,495	11	532
June	...	16,359	7	7,464	14	539
July	...	14,474	23	6,654	13	474
August	...	15,862	2	7,706	13	515
September	...	15,927	—	7,689	19	531
October	...	16,320	6	7,422	11	557
November	...	15,927	...	7,412	7	597
December	...	16,527	—	7,609	8	576
Totals	...	<u>187,356</u>	<u>67</u>	<u>87,758</u>	<u>140</u>	<u>6,368</u>

Every pail and dustbin is dusted with a good quality disinfecting powder after emptying.

Shops Act, 1936.—The number of inspections made under this Act was 40. No action has been taken under the Public Health Act, 1936.

Rats and Mice (Destruction) Act, 1919.—During Rat Week, special efforts were made to deal with the menace. Posters were displayed throughout the district, and local chemists and hardware dealers assisted by displaying traps and poisons. Owners of premises were interviewed and advice given on methods of destruction. A rat catcher was employed and the following results obtained during the year:

Number of rats killed and trapped	...	1,477
Number of baits laid	... ..	1,490
Number of baits taken	... ..	366
Number of burrows gassed	... ..	160
Number of buildings demolished	...	4

Samples.—During the year 66 samples of water and milk were obtained. Of this number 36 were submitted for analysis.

Petroleum Acts.—There are 18 premises registered under these Acts, which are visited at irregular intervals during the year.

Conversion of Privy Middens into Water Closets	...	294
Conversion of Pail Closets into Water Closets	... ..	85
Total	...	<hr/> 379 <hr/>

I. N. CREEAR, C.R.S.I., M.S.I.A.,
Sanitary Inspector, Northern Area.

Southern Area.

Area of District, 7,296 acres,

comprising the parishes of Blackwell, Pinxton,
South Normanton and Tibshelf.

Estimated number of Houses, 5,415.

New Houses erected during 1939:

- (a) By Local Authority—16.
 - (b) By private enterprise—55.
-

STAFF.

Sanitary Inspector: ROBERT CLARKSON.

(i.) Certificate of Royal Sanitary Institute and
Sanitary Inspectors' Association Joint Board.

(ii.) Certificate of Royal Sanitary Institute
(Meat and other Foods).

(iii.) Member of Sanitary Inspectors' Association.

Sanitary Inspector's Assistant: W. E. GARRETT—
Transferred to A.R.P. Depot Superintendent,
September, 1939.

Clerk: G. G. EITE—Joined R.A.M.C., September, 1939.

MISS L. KIRK, from September, 1939.

Offices: Victoria Street, South Normanton, Derbyshire.

SUMMARY OF INSPECTIONS:—

General Sanitation.

Water Supply	4
Water Samples obtained	1
Drainage	66
Stables and Piggeries	9
Sanitary Conveniences, Ashplaces and Ash Bins	471
Re-inspections of Sanitary Conveniences, Ashplaces and Ashbins	633
Tents, Vans and Sheds	2
Factories	20
Bake-houses	1
Theatres and Places of Entertainment	2
Refuse collection	65
Refuse disposal	81
Rats and Mice	66
Schools	3
Shops Acts	5
Petroleum Acts	6
Inquiries <i>re</i> cases of Infectious Disease	125
Interviews and appointments	407
General Inspections	188
Miscellaneous Sanitary Visits	221

Housing.

Number of houses inspected under Public Health Acts ...	171
Re-Visits paid to above houses	393
Number of houses inspected under Housing Acts	101
Re-Visits paid to above houses	645

Number of houses inspected <i>re</i> overcrowding...	...	...	...	41
Re-Visits paid to above houses	...	...	...	40
Number of verminous houses inspected	...	...	...	28
Re-Visits paid to above houses	...	...	...	36
Miscellaneous housing visits	...	...	...	93

Meat and Food Inspection.

Visits to Slaughter-houses	...	...	...	...	1,203
Shops and Stalls (<i>re</i> meat)	...	...	...	...	397
Street Vendors and Hawkers' Carts	...	...	...	...	32
Other Food Premises	...	...	...	...	3
Cowsheds inspected	...	...	...	...	71
Dairies and Milkshops inspected	...	...	...	...	39

Miscellaneous.

A. R. P.—Visits, Interviews, etc.	...	...	...	...	495
Government Evacuation Scheme	...	...	...	...	578

SUMMARY OF NOTICES SERVED AND COMPLIED WITH:—

	Served during 1939.	Complied with during 1939.	Out- standing on 31/12/39.
Informal Public Health Act Notices	457	350	188
Statutory Public Health Act Notices	7	47	40
Informal Housing Act Notices	5	—	5
Statutory Housing Act Notices	32	45	56
Total	501	442	289

SUMMARY OF SANITARY IMPROVEMENTS:—

<i>Dwelling Houses.</i>	Public Health Acts	Housing Acts	Total
Cleansed *... ..	6	—	6
Air Space Improved	—	—	—
Lighting Improved	5	—	5

	Public Health Acts	Housing Acts	Total
Ventilation	8	16	24
Windows repaired	28	88	116
Walls rendered free from dampness	25	57	82
Plasterwork repaired	13	32	45
Floors re-laid or repaired ...	19	56	75
Woodwork renewed or repaired	7	26	33
Fireplaces and grates repaired ...	14	33	47
Kitchen boilers repaired	4	9	13
Cooking facilities improved ...	5	8	13
Food stores improved	6	19	25
Coal stores improved	16	59	75
Washing accommodation provided or improved	13	10	23
Internal water supply provided ...	7	5	12
Roofs repaired	27	26	53
Walls pointed and brickwork repaired	12	43	55
Chimney stacks repaired	5	17	22
Damp proof course provided ...	1	—	1
Eaves gutters or down spouts repaired	20	27	47
Yards and passages paved or repaired	17	20	37
Yards cleansed	2	—	2
Living vans removed	1	—	1
Miscellaneous defects remedied...	15	9	24

Drainage.

Drains provided, re-laid or repaired	9	6	15
Drains cleansed	11	2	13
Gullies provided or repaired ...	6	9	15
Inspection Chambers provided or repaired	7	7	14
Ventilators repaired	6	—	6
Premises drained by provision of cesspool	—	—	—

			Public Health Acts	Housing Acts	Total
Cesspools repaired	...	...	1	—	1
Cesspools abolished	...	...	—	—	—
Cesspools cleansed	...	...	1	—	1
Drains connected to sewer	...		—	—	—
Length of drainage examined	...		—	—	174 yards

Sinks.

New sinks provided	...	...	16	10	26
New sink waste pipes provided	...		11	11	22
Sink waste pipes repaired	...		5	5	10

Closet accommodation.

Buildings repaired	...	...	18	47	65
Closets cleansed	...	...	3	—	3
Water closet cisterns provided or repaired	...	...	5	—	5
Water closet pedestals renewed			—	—	—
Water closet service pipes repaired			2	—	2
Closet pails renewed	...	...	46	—	46

Ashplaces, Ashbins, etc.

Defective ashbins renewed	...		244	—	244
Ashplaces and Middens abolished			2	—	2
Ashbins provided in lieu of ashplaces and middens	...		7	—	7

Miscellaneous.

Dangerous, defective and dilapidated buildings demolished			13	—	13
Accumulations removed	...		9	—	9
Manure pits provided or repaired			1	—	1
Urinals repaired and cleansed	...		1	—	1
Nuisances abated from keeping of animals	...	...	—	—	—

SANITARY ACCOMMODATION :—

The following sanitary conveniences and ashplaces were in use at the end of 1939 :—

Type of Convenience	Parish of				Total
	S. Normanton	Pinxton	Blackwell	Tibshelf	
Water closets ...	1,472	617	683	646	3,418
Pail closets ...	439	771	513	223	1,946
Privies and Middens	3	—	16	9	28
Ashplaces ...	3	—	—	—	3

Conversions and alterations to sanitary conveniences were carried out during the year as follows :—

Type of Convenience	Parish of				Total
	S. Normanton	Pinxton	Blackwell	Tibshelf	
Pail closets converted to water closets ...	88	23	30	87	228
Privies, ditto ...	—	—	—	10	10
Additional water closets provided ...	—	—	—	—	—
Water closets provided in connection with new premises	38	8	2	23	71
Privies converted to pail closets ...	—	—	1	5	6
Pail closets completely demolished	4	8	1	5	18
Privies, ditto ...	—	—	—	—	—
Water closets, ditto	1	—	—	—	1

HOUSING ACT, 1936 :—

Number of dwelling-houses inspected	...	...	...	101
Number of such houses found to be unfit for human habitation	...	...	...	8
Number of such houses found to be not in all respects reasonably fit for human habitation	...	...	...	93

Sections 9, 10, 16.

Number of houses rendered fit for human habitation :—

(a) By owners	...	...	...	45
(b) By Local Authority in default of owners	...	...	—

Sections 11, 13.

Number of houses represented as unfit	...	...	...	9
Number of Demolition Orders made	...	...	...	13
Number of dwelling-houses demolished	...	...	...	8
Number of undertakings accepted	...	...	...	1
Number of houses rendered fit in accordance with undertakings	...	...	...	3

Part 3—Clearance Areas.

Number of Clearance Areas represented	...	...	...	—
Number of dwelling-houses in above Clearance Areas	...	...	...	—
Number of persons residing in above Clearance Areas	...	...	...	—
Number of dwelling-houses demolished :—				
(a) By owners	...	...	...	16
(b) By Local Authority in default of owners	...	...	...	2

Part 4—Overcrowding.

Number of dwellings overcrowded at the end of the year	22
Number of families dwelling therein	22
Number of persons dwelling therein	180
Number of new cases of overcrowding reported during the year	5
Number of cases of overcrowding relieved during the year	7
Number of persons concerned in such cases	46

Two houses seriously affected by subsidence have been temporarily closed by agreement with the owners. These houses will be re-conditioned when subsidence is complete.

Legal proceedings were taken against the occupier of a house subject to a Demolition Order and an Order for vacant possession secured.

Since the introduction of the present legislation relating to overcrowding 108 cases of overcrowding have been abated, affecting 692 persons. Many of the most serious cases of overcrowding still remain, and there does not appear to be any prospect of securing their abatement in the immediate future.

Eradication of Bed Bugs.

Number of dwelling houses found to be bug infested :—

(a) Council houses	—
(b) Other houses	24
(c) Total number of houses disinfested	9

The work of disinfection of these nine houses was carried out by using Lawes Block Disinfectors and spraying with Lawvercide. Two houses were fumigated by the Council at the owners' expense and the other 7 were dealt with by the owners.

Work in connection with the remaining 15 houses is in hand.

One bug infested house was sprayed with Lawvercide prior to demolition.

SUPERVISION OF FOOD SUPPLIES:—

Slaughter-houses.

At the end of the year 13 private slaughter-houses were in use, all of which are subject to annual licensing. The use of two small slaughter-houses was discontinued and the licences have not been renewed. The slaughter-houses have been maintained in a satisfactory state throughout the year.

Slaughter of Animals Act, 1933.

No of licences issued and expiring on 31/12/40 ... 40

Sheep continue to be exempted, in this district, from the use of the humane killer.

No. of Animals Slaughtered and Inspected.

	Cows	H'f's	Bul'ks	Bulls	Calves	Pigs	Sheep & Lambs	Total
Killed in private slaughter-houses	1,071	177	221	9	115	3,060	3,585	8,238
Slaughtered on Farm Premises	—	—	—	—	—	—	—	—
No. of animals inspected ...	941	168	192	9	112	2,748	3,087	7,25

Condemnation of Unsound Food.

ALL DISEASES EXCEPT TUBERCULOSIS.

	Cows	H'f's	Bul'ks	Bulls	Calves	Pigs	Sheep & Lambs
Whole carcasses condemned ...	—	—	—	—	1	2	3
Carcasses of which some part or organ was condemned ...	107	3	11	—	—	40	6
Percentage of number inspected affected with disease other than tuberculosis ...	11.37	1.8	5.78	—	0.89	1.52	0.29

TUBERCULOSIS ONLY.

Whole carcasses condemned ...	7	—	—	—	—	1	—
Carcasses of which some part or organ was condemned ...	208	16	11	4	2	145	—
Percentage of number inspected affected with Tuberculosis ...	22.85	9.52	5.78	44.44	1.78	5.31	—

During the year the total amount of food condemned was 7 tons 2 cwts. 76 lbs. This amount is considerably in excess of that dealt with during preceding years and is accounted for by the increased number of whole carcasses dealt with. The whole of this unsound food was destroyed at the Kirkby-in-Ashfield Destructor, and I have to thank the Kirkby-in-Ashfield Sanitary Inspector (Mr. Massey) for his assistance in this connection.

The following summary shews details of the food condemned:—

Beef	...	..	...	...	...	...	..	4,244 lbs.
Beef Offal	...	...	...	...	...	...	...	9,309 lbs.
Pork	...	...	...	...	...	...	...	1,524 lbs.
Pork Offal	...	...	...	...	...	...	...	616 lbs.
Mutton and Mutton Offal	...	...	...	...	...	...	...	228 lbs.
Veal and Veal Offal	...	...	...	...	...	...	...	63 lbs.

Although every effort was made to secure a careful post-mortem inspection of all animals slaughtered, it was found impossible to maintain such a high standard during the year under review. The national emergency, A.R.P. and Evacuation duties considerably interfered with this work. During the year 1,203 visits were made to slaughter-houses; and 397 shops and 32 vans were also examined.

It is only possible on rare occasions to make ante-mortem inspections of animals intended for food.

Public Health (Meat) Regulations, 1924.

No action was taken under these regulations during the past year.

Milk and Dairies Order, 1926.

Number of cowsheds, dairies and milkshops registered ... 210

There has been no alteration in the register during the past year.

The conditions under which milk is produced and distributed continues to receive careful attention, and in one serious case legal proceedings were taken for contraventions of Article 14. The retail purveyor was fined 10/- and required to pay £1 5 0 costs.

A total of 110 inspections of cowsheds, dairies and milkshops has been made and 6 notices served.

The improvements resulting from the service of these notices are set out below:—

Lighting and ventilation of cowsheds improved	...	...	3
Cowshed floors and channels repaired or renewed	...	...	5
Rendering of rear walls	...	...	1
Boskins renewed	...	...	3
Feeding troughs renewed	...	...	1
Cowsheds—use for milk beasts discontinued	...	...	1
Cowsheds cleansed	...	...	6
New dairies provided	...	...	2
Dairies improved	...	...	1
Dairies cleansed	...	...	1

Milk (Special Designations) Order, 1936.

Number of Licences to retail Pasteurised Milk	...	...	5
Number of Supplementary Licences to retail Pasteurised Milk	...	...	1
Total number of Licences granted	...	...	6

Three samples of Pasteurised Milk were submitted for bacteriological examination, the Phosphatase test and one sample of accredited milk for the Coliform and Methylene Blue tests. All these samples were reported to be satisfactory.

FACTORY ACTS:—

Number of inspections	...	...	21
Number of notices served	2

Improvements effected.

Closet accommodation provided or improved	2
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SHOPS ACTS:—

Number of shops inspected	5
Number of notices served	1

The following summary gives details of contraventions remedied:—

Insufficient closet accommodation	...	...	1
Absence of washing facilities	...	...	1

RATS AND MICE DESTRUCTION ACT, 1919:—

The Council continue to administer delegated powers in respect of this Act.

A part-time Rat Catcher is employed under the supervision of the Sanitary Inspector. All premises (tips, sewage works, etc.) owned by the Council are thoroughly examined every four weeks and any rat infestation is immediately dealt with. This routine work has proved very effective, with a result the majority of the Council's premises are free from infestation.

Special action was taken during National Rat Week by displaying large posters throughout the whole district and by forwarding special letters, together with copies of Leaflet No. 49 of the Ministry of Agriculture and Fisheries, to all premises liable to rat infestation. Special notices were also issued so that they were received on the first morning in Rat Week. Local chemists and hardware dealers co-operated by making special displays of poisons and traps.

During the year 66 inspections were made, 170 baits laid and 359 rats killed by dogs and ferrets.

PETROLEUM ACTS:—

Number of Licences granted	26
----------------------------	-----	-----	-----	-----	-----	----

These premises have been maintained in a satisfactory condition during the year.

SMOKE ABATEMENT:—

No smoke observations were made during the year and no complaints regarding smoke nuisances received.

SWIMMING BATHS:—

The swimming bath at Tibshelf, administered by the Colliery & Miners' Welfare Committee, has now been closed. This bath had not been maintained in a satisfactory state for some time past and several complaints were made before it was finally decided to close the baths.

SCAVENGING.

The Council undertake the collection and disposal of refuse in the whole of the area.

COLLECTION.

The whole of this work is carried out by motor transport, three specially constructed refuse vehicles being used. Two 30 cwt. Morris Commercial vehicles continue to be used, but the 30 cwt. Ford vehicle has been dispensed with and replaced with a 2-ton Karrier Bantam. This vehicle has resulted in an improvement in the rate of collection. A specially constructed tank, which is fitted in one of the motor refuse vehicles, is used for night soil collection and cesspool emptying.

Premises dealt with.

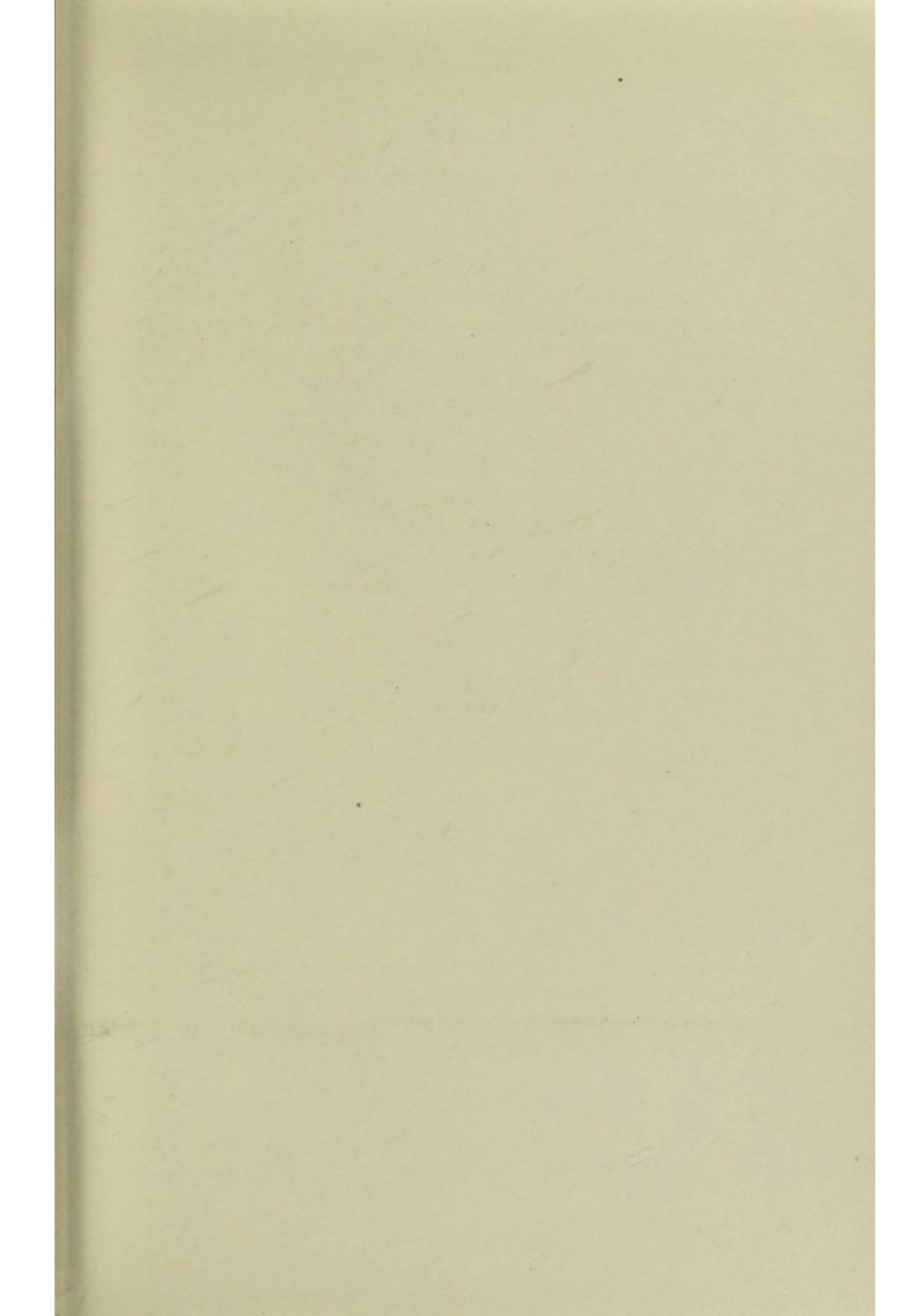
Number of Ashbins	...	5,352 (680 bins are emptied twice per week and the remaining bins are emptied weekly).
Number of Ashplaces	...	3 (cleansed weekly).
Number of Privies & Middens		28 (cleansed every two weeks).
Number of Closet pails	...	1,946 (cleansed weekly).
Number of Cesspools	...	33 (cleansed every three months).

GENERAL:—

The working of this department has been considerably interfered with by many additional duties in connection with the national emergency. Housing work has almost become stationery, only a slight reduction in the number of cases of overcrowding has taken place and the number of inspections of such premises as cowsheds, dairies, shops, factories, bakehouses, etc., are considerably below average. In view of these circumstances, this report has been abbreviated in certain sections.

ROBERT CLARKSON, M.S.I.A., C.R.S.I.,

Sanitary Inspector, Southern Area.



WALL-BRICKS

The Council considers the collection and disposal of refuse to be
 one of the most important of the duties of the Council.

Collection.

The work of the Council in this respect is to collect and dispose of
 refuse in the most economical manner possible. The Council has
 arranged for the collection of refuse by means of a system of
 carts and horses. The carts are loaded with refuse by the
 owners of the houses and are taken to the Council's
 depot. The Council then disposes of the refuse in the most
 economical manner possible. The Council has also arranged for
 the collection of refuse by means of a system of carts and
 horses. The carts are loaded with refuse by the owners of the
 houses and are taken to the Council's depot. The Council then
 disposes of the refuse in the most economical manner possible.

Disposal.

Number of Carts	1000 (about 1000 carts per week)
Number of Horses	1000 (about 1000 horses per week)
Number of Drivers & Horses	1000 (about 1000 drivers and horses per week)
Number of Carts per Week	1000 (about 1000 carts per week)
Number of Horses per Week	1000 (about 1000 horses per week)

General.

The Council has arranged for the collection and disposal of refuse in the most
 economical manner possible. The Council has also arranged for the collection of
 refuse by means of a system of carts and horses. The carts are loaded with
 refuse by the owners of the houses and are taken to the Council's depot. The
 Council then disposes of the refuse in the most economical manner possible.

ROBERT CLARKSON, M.A., C.B.,

General Manager, Southern Area



