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SELBY
RURAL DISTRICT COUNCIL




ANNUAL REPORT

OF THE
MEDICAL OFFICER
OF HEALTH
AND
SENIOR PUBLIC HEALTH INSPECTOR

1957

SELBY:
E. M. RIMMINGTON & CO., FINKLE STREET

1958



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SELBY RURAL DISTRICT COUNCIL

Chairman: Councillor C. E. Anson, J.P., C.Ald.

Vice-Chairman: Councillor H. Stockdale.

Medical Officer of Health:

S. KENNAUGH APPLETON, M.D., Ch.B., D.P.H., D.T.M.

Senior Public Health Inspector:

J. R. BLACKLEDGE,
Cert. S.I. Board
Cert. Meat and Food Inspection R.S.I.

Additional Public Health Inspector:

J. B. SAWDON.
Cert. S.I. Board.

Clerk: HILARY THOMPSON.

To the **Chairman and Members of the Selby Rural District Council.**
 Lady and Gentlemen,

I have the honour to present to you my eleventh Annual Report on the health of the Selby Rural District and the work of the Public Health Department during 1957.

100 live births were registered, giving a Birth Rate of 15.1 per thousand population (Adjusted Birth Rate 16.5). The aggregate rate for W.R. Rural Districts was 17.9, and for England and Wales 16.1.

The Infant Mortality Rate of 10.0 (one death) was satisfactory and compares favourably with the W.R. Rural Rate of 28.8 and the National Rate of 23.0, a new low record.

57 deaths occurred, giving a Crude Death Rate of 11.2 (Adjusted Death Rate 12.1). The W.R. Rural Rate was 9.7 and the Rate for England and Wales 11.5. Of these deaths 21 (37%) occurred at the age of 75 years or over, and of these 8 were over 80 years of age and one over 85 years. Births exceeded deaths by 43.

42 cases of notifiable infectious disease occurred, 28 being measles.

It is now possible to offer protective immunisation against six infective diseases. Parental response is fairly good but should be better. It is to be hoped that the time will come when diphtheria, whooping cough, poliomyelitis, smallpox and tetanus in an unprotected child will be regarded by an enlightened public as indicative of parental neglect. Protective vaccination against tuberculosis is limited at present to children between the ages of 13 and 14 years, and contacts of cases of the disease.

During the year combined antigen came into use for immunisation against diphtheria and whooping cough, thus reducing the number of injections from five to three. Triple antigen, including tetanus antigen, also became available. Tetanus (lock-jaw) is an uncommon but frequently fatal disease which can follow the infection of even the smallest wound of the skin. Prevention is the only certain cure.

Vaccine against poliomyelitis became available in increasing quantities during the year and the vaccination of 138 of the 487 registered children was completed. Canadian and American Salk vaccine is available to supplement the inadequate, and in no way superior or safer, supply of British vaccine.

The evidence of a direct relationship between heavy smoking and cancer of the lung and bronchus remains as significant as described in my last Annual Report, but the general public, not having the will power to do anything about it, ignores the evidence. The middle-aged and elderly say it is too late in any case, and the adolescents feel time is on their side and a cure will have been discovered by the time they reach the cancer age!

In conclusion, I record my thanks to the Members and Officers of the Council for their co-operation during 1957.

I remain, Your obedient servant,

S. KENNAUGH APPLETON,

August, 1958.

Medical Officer of Health.

GENERAL STATISTICS, 1957

Area of Rural District	33,304 acres
Population (mid 1957)	6,610
Number of Inhabited Houses	1,993
Rateable Value (April 1958)	£46,754
Product of Penny Rate (Estimated 1958/9)	£184/13/1

VITAL STATISTICS

	SELBY R.D.	Aggre- gate West Riding R.D.s	West Riding Admin. County	England and Wales (Provi- sional)
BIRTH RATE (per 1,000 population)	15.1	17.9	16.6	16.1
CRUDE DEATH RATES (per 1,000 population)				
All causes	11.2	9.7	11.7	11.5
Infective & Parasitic Diseases	0	0.06	0.07	—
Respiratory Tuberculosis	0	0.07	0.08	0.09
Other Forms of Tuberculosis	0	0.01	0.01	0.01
Respiratory Diseases (excluding Tuberculosis)	1.51	1.12	1.37	—
Cancer	2.12	1.58	1.87	2.09
Heart and Circulatory Diseases	4.24	3.49	4.30	—
Vascular Lesions of Nervous System	1.36	1.45	1.95	—
INFANT MORTALITY (Deaths under one year per 1,000 live births)	10.0	28.8	26.4	23.0
STILLBIRTHS	38.5	24.8	23.9	22.4
MATERNAL MORTALITY (Deaths of mothers in child- birth per 1,000 total births)	9.62	0.72	0.51	0.47

Comparability Factors:

For Births, 1.09.	Adjusted Birth Rate, 16.5.
For Deaths, 1.08.	Adjusted Death Rate, 12.1

BIRTH AND DEATH RATES FOR SIX YEARS AND MEAN RATES FOR DICENNIAL PERIODS

BIRTH RATE

(per 1,000 population)

1957	....	....	15.1	1901-1910	....	....	26.0
1956	....	....	12.8	1911-1920	....	....	22.9
1955	....	....	16.4	1921-1930	....	....	19.6
1954	....	....	13.5	1931-1940	....	....	14.5
1953	....	....	13.1	1941-1950	....	....	17.6
1952	....	....	14.6	1951-1955	....	....	14.4

STILLBIRTHS

(per 1,000 total births)

1957	....	....	38.5	1901-1910	....	....	—
1956	....	....	23.3	1911-1920	....	....	—
1955	....	....	53.1	1921-1930	....	....	—
1954	....	....	53.8	1931-1940	....	....	34.5
1953	....	....	22.2	1941-1950	....	....	30.0
1952	....	....	20.2	1951-1955	....	....	38.1

ILLEGITIMATE BIRTHS

(per 1,000 total births)

1957	....	....	57.7	1901-1910	....	....	—
1956	....	....	69.7	1911-1920	....	....	65.0
1955	....	....	61.9	1921-1930	....	....	69.8
1954	....	....	118.2	1931-1940	....	....	54.7
1953	....	....	66.6	1941-1950	....	....	82.9
1952	....	....	40.4	1951-1955	....	....	69.0

INFANTILE MORTALITY

(per 1,000 live births)

1957	....	....	10.0	1901-1910	....	....	98.3
1956	....	....	11.9	1911-1920	....	....	83.3
1955	....	....	18.7	1921-1930	....	....	68.9
1954	....	....	22.7	1931-1940	....	....	41.8
1953	....	....	22.7	1941-1950	....	....	34.5
1952	....	....	10.3	1951-1955	....	....	17.1

NEONATAL MORTALITY

(Deaths in first month per 1,000 live births)

1957	....	....	0	1901-1910	....	....	—
1956	....	....	11.9	1911-1920	....	....	44.7
1955	....	....	9.4	1921-1930	....	....	42.7
1954	....	....	11.9	1931-1940	....	....	22.0
1953	....	....	11.4	1941-1950	....	....	18.2
1952	....	....	10.3	1951-1955	....	....	10.6

MATERNAL MORTALITY

(per 1,000 total births)

1957	....	....	9.62	1901-1910	....	....	1.39
1956	....	....	0	1911-1920	....	....	2.17
1955	....	....	8.85	1921-1930	....	....	2.56
1954	....	....	0	1931-1940	....	....	2.28
1953	....	....	0	1941-1950	....	....	1.03
1952	....	....	0	1951-1955	....	....	1.77

TOTAL DEATH RATE

(per 1,000 population)

1957	....	....	11.2	1901-1910	....	....	15.6
1956	....	....	8.7	1911-1920	....	....	13.2
1955	....	....	10.1	1921-1930	....	....	12.4
1954	....	....	10.0	1931-1940	....	....	12.2
1953	....	....	8.5	1941-1950	....	....	12.0
1952	....	....	10.3	1951-1955	....	....	10.5

DISEASES OF HEART AND CIRCULATION

1957	....	....	4.24	1901-1910	....	....	1.36
1956	....	....	3.35	1911-1920	....	....	1.51
1955	....	....	3.06	1921-1930	....	....	1.96
1954	....	....	3.83	1931-1940	....	....	2.95
1953	....	....	2.99	1941-1950	....	....	3.18
1952	....	....	3.02	1951-1955	....	....	3.66

VASCULAR DISEASES OF CENTRAL NERVOUS
SYSTEM

1957	....	....	1.36	1901-1910	....	....	—
1956	....	....	1.07	1911-1920	....	....	—
1955	....	....	1.53	1921-1930	....	....	1.25
1954	....	....	1.68	1931-1940	....	....	0.91
1953	....	....	1.34	1941-1950	....	....	1.95
1952	....	....	2.42	1951-1955	....	....	1.89

CANCER

1957	....	....	2.12	1901-1910	....	....	1.16
1956	....	....	2.29	1911-1920	....	....	1.04
1955	....	....	1.68	1921-1930	....	....	1.77
1954	....	....	1.84	1931-1940	....	....	1.73
1953	....	....	1.49	1941-1950	....	....	1.91
1952	....	....	1.81	1951-1955	....	....	1.64

RESPIRATORY DISEASES

1957	....	....	1.51	1901-1910	....	....	1.86
1956	....	....	0.61	1911-1920	....	....	1.66
1955	....	....	1.07	1921-1930	....	....	1.60
1954	....	....	1.07	1931-1940	....	....	1.28
1953	....	....	0.90	1941-1950	....	....	1.32
1952	....	....	1.06	1951-1955	....	....	1.22

INFECTIVE AND PARASITIC DISEASES

1957	....	....	0	1901-1910	....	....	1.17
1956	....	....	0	1911-1920	....	....	0.51
1955	....	....	0	1921-1930	....	....	0.28
1954	....	....	0	1931-1940	....	....	0.19
1953	....	....	0	1941-1950	....	....	0.05
1952	....	....	0.15	1951-1955	....	....	0.06

RESPIRATORY TUBERCULOSIS

1957	....	....	0	1901-1910	....	....	0.91
1956	....	....	0	1911-1920	....	....	0.68
1955	....	....	0	1921-1930	....	....	0.36
1954	....	....	0	1931-1940	....	....	0.36
1953	....	....	0.15	1941-1950	....	....	0.34
1952	....	....	0	1951-1955	....	....	0.06

NON-RESPIRATORY TUBERCULOSIS

1957	....	....	0	1901-1910	....	....	0.72
1956	....	....	0	1911-1920	....	....	0.21
1955	....	....	0	1921-1930	....	....	0.16
1954	....	....	0	1931-1940	....	....	0.12
1953	....	....	0.15	1941-1950	....	....	0.14
1952	....	....	0	1951-1955	....	....	0.06

BIRTHS, 1957

		Male	Female	Total
Live Births.—Legitimate	....	48	46	94
Illegitimate	....	1	5	6
		—	—	—
Total	....	49	51	100
Stillbirths	....	3	1	4

CAUSES OF DEATH, 1957

	Male	Female	Total
Pneumonia	3	1	4
Tuberculosis (Respiratory)	0	0	0
Tuberculosis (Other forms)	0	0	0
Cancer	8	5	13
Vascular Lesions of Nervous System	4	5	9
Heart Diseases	17	10	27
Other diseases of Circulatory System	1	0	1
Bronchitis	3	2	5
Other Respiratory Diseases	0	1	1
Nephritis	1	0	1
Leukaemia	1	0	1
Peptic Ulcer	0	0	0
Hyperplasia of Prostate	1	—	1
Childbirth	—	1	1
Congenital	0	0	0
Motor Accidents	0	0	0
Other Accidents	0	2	2
All other causes	3	5	8
	—	—	—
Total	42	32	74

TUBERCULOSIS.**New cases in 1957.**

	Male	Female	Total
Pulmonary	2	0	2
Non-Pulmonary	1	0	1
	—	—	—
Total	3	0	3

Total cases on Register.

		Male	Female	Total
Pulmonary	....	9	8	17
Non-Pulmonary	....	2	5	7
		—	—	—
Total	....	11	13	24

INFANTILE MORTALITY.

One death from Broncho-Pneumonia at 4 months old.

CASES OF INFECTIOUS DISEASE notified during the year 1957.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED								DEATHS
	At all Ages.	According to Age							
		Under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	Over 65	
Small-pox ... ..	...	...	...	...	...	...	...	...
Food Poisoning ... ..	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) ... ..	...	...	...	...	...	...	...	...
Erysipelas	1	...	...	...	...	1	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...
Typhus Fever ... ..	...	...	...	...	...	...	...	...
Enteric Fever ... ..	...	...	...	...	...	...	...	...
Puerperal Pyrexia ... ..	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis ... ..	...	...	...	...	...	...	...	...
Acute Poliomyelitis, paralytic ... ..	...	...	...	...	...	...	...	...
" non-paralytic ... ..	...	...	...	...	...	...	...	...
Acute Encephalitis ... ..	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ... ..	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	3	...	...	1	1	1	...	...
Other forms of Tuberculosis	1	...	...	1	...	...	...	...
Measles	28	9	19	...	...	...	...	...
Primary Pneumonia	2	...	...	...	...	...	2	...
Influenzal Pneumonia ... ..	...	...	...	...	...	...	...	...
Whooping Cough	6	2	2	2	...	...	...	...
Dysentery	1	...	...	...	1	...	...	...
Encephalitis Lethargica ... ..	...	...	...	...	...	...	...	...
Malaria ... ..	...	...	...	...	...	...	...	...
Totals	42	2	11	21	2	2	2	...	

NATIONAL ASSISTANCE ACTS, 1948-51.

A feeble-minded woman suffering from a grave chronic disease was removed to hospital under the provisions of these Acts during 1957.

WEST RIDING COUNTY DIVISIONAL HEALTH SERVICES IN SELBY RURAL DISTRICT, 1957

The Public Health Nursing Staff in this Division no longer works according to County District boundaries. Most of the figures in the following summaries refer to Selby R.D., but in a few cases the figures are those for the Rural and Urban Districts combined or for Division No. 10 as a whole.

1. BIRTHS.

Live Births	....	....	....	....	....	....	100
Stillbirths	....	....	....	....	....	....	4
Illegitimate	....	....	....	....	....	....	6
Males	....	....	....	....	....	....	49
Females	....	....	....	....	....	....	51

2. PREMATURE BABIES. Babies weighing 5½ lbs. or less at birth.

(i) Born at home	....	....	....	....	Alive	2
					Stillborn	0
(ii) Born in hospital	....	....	....	....	Alive	5
					Stillborn	1
Total						8

3. HEALTH VISITING (Division No. 10 as a whole).

	First Visits	Other Visits	Total
Expectant Mothers	346	378	724
Children under 1	766	5946	6712
Children between 1 and 5	—	6761	6761
Other cases	—	2698	2698
Ineffective visits	—	838	838
Total	1112	16621	17733

4. CHILD WELFARE CLINIC.

21 children made 106 visits to Snaith clinic;
30 children made 142 visits to Selby clinic.

5. SCHOOL HEALTH SERVICE.

Total number attending Paediatric Consultant	4
Total number attending County Oculist	110
Number ordered Spectacles	37
Number attending Speech Therapy	5
Total number inspected in School by School M.O.	368
Total number inspected in School by School Nurse	1238
Total number of verminous heads	30
Tests for mental defects, primary	4
Re-examinations	4
Reported to M.D. Authority as ineducable	0
Reported to M.D.A. for supervision	3
Recommended for special schools	1
Attending special schools	1
Recommended for Childs Guidance	1

The following defects were found at medical inspections:

	Requiring treatment	For ob- servation
Verminous heads	30	0
Skin	4	1
Vision	17	23
Other eye conditions	2	3
Hearing	0	2
Other ear defects	1	0
Nose and throat	2	3
Speech	2	6
Cervical glands	2	1
Heart and circulation	0	8
Lungs	0	5
Developmental	0	1
Orthopaedic	6	6
Nervous System	0	1
Psychological	0	2
Other conditions	5	0

6. MATERNITY SERVICES.

Ante-natal Clinics:

	Total Visits	Mothers attending
Selby	33	10
Snaith	78	26

Confined in Hospital:

Leeds Maternity Home	....	....	....	....	4
York Maternity Home	....	....	....	....	44
Goole Borough Maternity Home	....	....	....	....	0
Others	....	....	....	....	3
Total					51

County Midwives.

There were 41 domiciliary confinements in Selby Rural District.

The following summary of the work of the County Midwives is for Division 10 as a whole:—

Number of cases	....	....	377
Number of visits	....	....	13456
Gas and air analgesia	....	....	252
Number of midwives	....	....	8

7. HOME NURSING (Division 10 as a whole).

Number of cases	....	....	436
Number of visits	....	....	14087

8. HOME HELPS.

Home Helps were employed for 48,139 hours attending cases in the Division.

The following Selby Rural cases were attended:—

Lying-in and Expectant Mothers	15
Illness	0
Aged	3
Children	2
Total	20

9. IMMUNISATION AGAINST DIPHTHERIA during 1957

Children under 5 years	....	....	....	....	57
Children over 5 years	....	....	....	....	7
					<hr/> 64
Booster doses	....	....	....	....	126
					<hr/> Total 190

Total number of children under 15 years of age who have been immunised up to the 31st December, 1957

Age—Years	0—1	1—4	5—9	10—14	Under 15 Total
Number	38	188	388	511	1125
Percentage	49.9		99.0		84.5

10. IMMUNISATION AGAINST WHOOPING COUGH 1957

				During 1957	Total to Dec., 1957
Under 6 months	....	....	....	13	14
6 to 12 months	....	....	....	1	
1 to 2 years	....	....	....	9	71
2 to 3 years	....	....	....	3	
3 to 4 years	....	....	....	3	
				<hr/> Total 29	<hr/> 85

11. B.C.G. VACCINATION OF SCHOOL CHILDREN (13 years of age).

Number of acceptances in 1957	....	29
Pre-vaccination Tuberculin Tests:		
Positive (not requiring vaccination)		7 (14.3%)
Negative (requiring vaccination)	....	22 (75.7%)
		<hr/> 29
Number vaccinated with B.C.G.	....	15

12. VACCINATION AGAINST POLIOMYELITIS.

Children registered to 31st December, 1957	....	487
Vaccinations completed	....	138

13. MENTAL HEALTH.

(a) **Mental Deficiency Acts, 1913-1938.**

The number of mentally defective persons under supervision at the end of 1957 was as follows:

	Male	Female	Total
Under Guardianship	0	0	0
Under Statutory Supervision	8	6	14
Under Voluntary Supervision	1	1	2
On Licence from Institutions	0	0	0

(b) **Lunacy and Mental Treatment Acts, 1890-1930.**

Admissions to Mental Hospitals by the Duly Authorised Officer during 1957 were as follows:—

	Male	Female	Total
Voluntary Patients	0	1	1
By Temporary Order	0	0	0
By "Three Day" Order	0	0	0
By Summary Reception Order	1	0	1
	1	1	2

14. COUNTY AMBULANCE SERVICE.

The following are the details of patients from Division No. 10 carried by the W.R.C.C. ambulances during 1957:

	Selby	Goole
Maternity cases	183	—
Accident cases	159	—
Other cases	5135	—
Journeys made	2490	3506
Total patients carried	5477	12150
Mileage travelled	81896	84485

PUBLIC HEALTH DIVISION No. 10

The County Districts forming Division No. 10 are:—

Goole Borough	Selby Urban
Goole Rural	Selby Rural

Area of the Division (in acres)	....	76,692
Population (estimated mid-1957)	....	45,410

DIVISIONAL OFFICE AND STAFF

6/7 Belgravia, Goole. (936/7)

Divisional Medical Officer and Divisional School Medical Officer:
S. KENNAUGH APFLETON, M.D., D.P.H., D.T.M.

Assistant County Medical Officers and School Medical Officers:
EILEEN M. R. BELL-SYER, M.B., B.S.
M. URIEL J. LOWE, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H., D.C.H.

School Dental Officers:
P. F. A. ELTOME, L.D.S.
G. O. WOOD, L.D.S. (Divisions 10 and 9).

Health Visitors and School Nurses:
Mrs. B. BEAL, Miss D. M. BUTLER, Miss J. DAVIS, Mrs. M. DODSON, Mrs. M. HARGREAVES, Mrs. M. KELLY, Mrs. L. PRATT, Miss A. RIDSDALE.

Home Nurses:
Miss P. K. AGER, Mrs. A. BLACKBURN, Mrs. S. CLAYBOURN
Mrs. W. E. DUFFIN, Mrs. L. A. POLLARD, Miss M. WHITTAKER.

Domiciliary Midwives:
Mrs. E. BALLANCE, Miss I. CAMPBELL, Mrs. M. COLLIER,
Miss M. I. GILHOME, Mrs. M. E. HORNSHAW, Mrs. L. KITCHEN, Miss J. STEPHENSON, Miss A. TOLSON, Miss E. WHITLEY.

Mental Health:
Mrs. M. MYERS (Social Worker, Divisions 10 and 12).
Mrs. D. H. MILLINGTON (Home Teacher, Division 10).
Mrs. A. ALVEY (Home Teacher Division 10).

Physiotherapy:
Miss E. ALDERSON (Part-time).

Speech Therapy:
Miss K. WADE (Divisions 10, 11 and 12).

Duly Authorised Officer:
Mr. T. G. FOSTER.

Clerical:
Senior Clerk: Mr. R. TOWELL.
Deputy Senior Clerk: Mr. H. DODSON.
Miss S. L. BRAMHAM, Mrs. B. BUCKLE, Miss F. A. CAMPBELL, Mr. G. N. NOWILL, Miss J. E. SMAJE, Miss M. E. WORMALD.

REPORT OF PUBLIC HEALTH INSPECTOR FOR 1957.

Water Supply.

Mains water is supplied to all parishes by the Council, which is the water undertaker for the whole of the District.

Water is purchased in bulk from Selby Urban District Council, and is obtained from deep boreholes in the red sandstone at Brayton Barff, which is situated in the Selby Rural District.

Chlorination is carried out at the source, but no other treatment has been found necessary.

During the year no new mains have been laid, but it is anticipated that a scheme for improving the supply to Wistow, Wistow Lordship and Cawood will shortly receive approval.

Sewerage.

A complete sewerage system for the village of Barlow has been installed, and work is well in hand on the partial village scheme at Carlton.

Owing to complaints regarding foul dikes at Brayton, the Council are to proceed with the preparation of a scheme for the Parish of Brayton.

The five small disposal plants at Council housing sites have been well maintained and are functioning satisfactorily.

The Council possess an 800 gallon mechanical cesspool emptying vehicle, and a free service for domestic tanks is maintained, there being a charge for emptying all other types of tanks.

Refuse Collection and Disposal.

House refuse is collected throughout the district by direct labour, with two 7 cubic yard collection vehicles, and the service has been satisfactorily maintained. These vehicles are now in their ninth year of service, and consideration will have to be given to their renewal.

Disposal is effected on five tips at widely dispersed points, and every endeavour is made to keep the tips in satisfactory condition.

Housing and Public Health Inspections.

Routine inspection of house property is carried out as circumstances permit and complaints are investigated without delay.

Remedies are effected largely by a personal visit to the owner and in appropriate cases, informal notices are served. No circumstances have arisen which have necessitated statutory action by the Council.

Number of houses rendered fit in consequence of					
informal action	....	....	....	....	38
Sanitary inspection under Public Health Acts	....				19
Housing inspections	....	....	....	....	214
Inspections for pests	....	....	....	....	467
Other inspections	....	....	....	....	34
Shops and food premises	....	....	....	....	83

Houses dealt with under Section 16 of the Housing Act, 1957, include two in Sherburn Street, one in Back Lane, and one in King Street, Cawood, and three in Station Road, Wistow. New houses to replace these are in course of erection, and tenants will be rehoused upon completion of the houses.

Demolition Orders have also been served in respect of two houses near the River Aire at Lock Hill, Chapel Had-dlesey.

Food Inspection.

The standard of cleanliness in food shops has been maintained at a satisfactory level, and no action has been necessary apart from verbal advice.

There are no ice cream manufacturing premises in the district, but a number of traders are licensed to sell pre-packed ice cream.

The three dairies in the district subject to the Council's supervision have been well maintained.

The provision of improved facilities for hand washing and cleansing at food premises continues, but it is to be regretted that such important regulations as the Food Hygiene Regulations, 1955, should contain such ambiguous clauses relating to the provision of "suitable and sufficient wash hand basins," and "an adequate supply either of hot or cold water or of hot water at a suitably controlled temperature."

There still persists the "enamel bowl and kettle of boiling water" fraternity, and in the absence of adequate legal powers it is most difficult to enforce the provision of those amenities which it seems to have been clearly the intention of the regulations to provide. Such cases are in a minority, and it is pleasing to record that most shopkeepers are co-operating to the full.

There are six licensed slaughterhouses in the district, all of which are kept in a satisfactory manner. Inspection of all food animals slaughtered for human consumption is regularly carried out, and during the year the following number of carcasses have been inspected: Bullocks and Heifers, 231; Cows, 1; Sheep, 75; Pigs, 112.

Condemnation for Disease:

Bullocks	....	95 lbs. for Tuberculosis
		94 lbs. for liver fluke
		12 lbs. for abscesses and cysts.
		—
		201 lbs.
Pigs	....	31 lbs. for Tuberculosis.
		10 lbs. for Cirrhosis.
		—
		41 lbs.
		—

Total weight condemned—242 lbs.

Owing to the comparatively small amount of meat condemned, it is not an economical proposition to salvage it, and by arrangement with the Superintendent at Selby Baths, this material is destroyed by burning in the Baths furnace.

Rodent Control.

The Council employ a Rodent Operative on a part-time basis, and complaints are dealt with as they arise.

The refuse tips are given regular attention and a good liaison is maintained with the County Pests Department regarding agricultural holdings.

Owing to the possibility of the County Agricultural Committee discontinuing their contracts to treat infestations on farms, discussions are proceeding with Derwent R.D.C. regarding the appointment of a joint whole-time operative for the two districts.

New Housing.

New houses have been erected or are in course of erection within the district as follows:—

By Council		By Private Developers	
Completed	In Course of Erection	Completed	In Course of Erection
—	—	24	11

Factories Act, 1947.

No. of Factories with mechanical power	....	8
No. of Factories without mechanical power	....	Nil
No. of Inspections	....	11
Contraventions	....	Nil

J. BLACKLEDGE.