

[Report 1958] / Medical Officer of Health, Doncaster R.D.C.

Contributors

Doncaster (England). Rural District Council.

Publication/Creation

1958

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DONCASTER RURAL DISTRICT COUNCIL

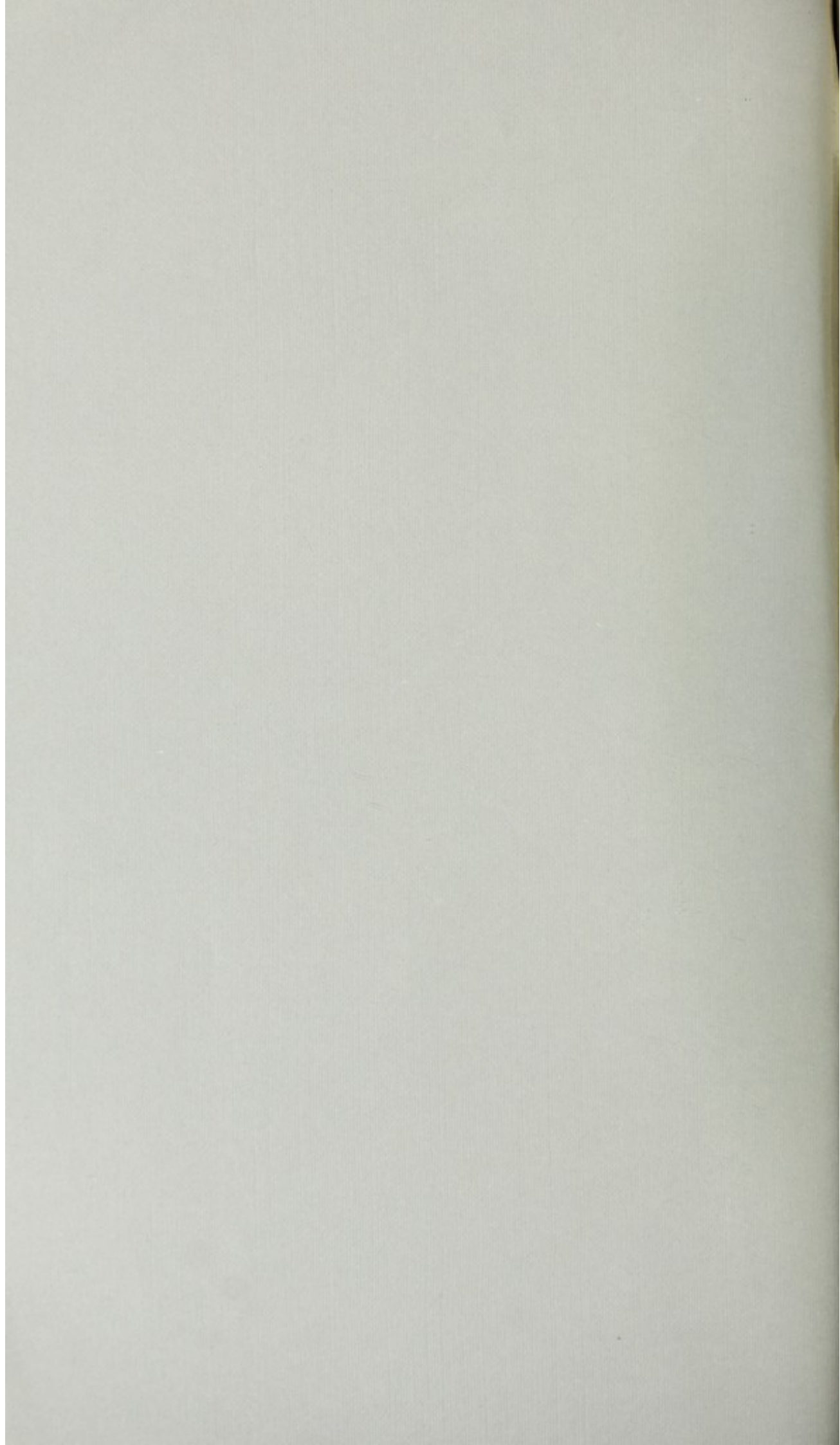


THE ANNUAL
REPORT
FOR THE YEAR
1958

of the
MEDICAL OFFICER OF HEALTH
A. PENMAN, M.D., Ch.B., D.P.H.

and the
CHIEF PUBLIC HEALTH INSPECTOR
A. REYNOLDS, C.S.I.B., M.A.P.H.I.

Public Health Department, Nether Hall, Doncaster



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DONCASTER RURAL DISTRICT COUNCIL

Tel. No.
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Divisional Health Office,
Station Road,
Doncaster.

To: The Chairman and Members,
Public Health Committee,
Doncaster Rural District Council.

July, 1959.

Ladies and Gentlemen,

I present the Annual Report on the health conditions of the Rural District in 1958 as required of me by order and have incorporated the annual statement of the Chief Public Health Inspector, Mr. A. Reynolds, upon matters closely associated with his duties.

Vital Statistics

The population was estimated to be 58,520 or 1,100 more than that of the previous year. The live birth rate at 22.4 exceeded the previous highest post-war figure of 1947 (22.36) while the infant mortality rate was lower than that of the West Riding and only failed to reach the previous best by a small margin. It is pleasing to record a year with no maternal death.

Services provided by the County Council.

Over half of the births occurred at home and were dealt with by a depleted staff of domiciliary midwives. Towards the end of the year the staff position improved.

For many years now the district nursing service has been available in every part of the rural area and a high standard of home nursing has been provided. Despite a nursing shortage during the year this service was maintained. Some young nurses with general training were engaged and sent to obtain district training at Queen's Institute Courses. The elderly sick numbered about 40 per cent of the cases and claimed over half of the visits.

The care of infants and pre-school children, the staffing of clinics, the provision of "background information" to help the application of the welfare services was in the hands of the health visitors. Their duties are indeed many and thanks to them the results of the public health services in relation to mothers and children are comparable with those of the County generally.

The home help service continued to expand, e.g. from 293 to 317 cases and from 57,823 hours employed to 67,855. Nearly 82 per cent of the "hours employed" related to the homes of elderly people.

Although increased calls were made on the School Medical Officers time for immunisation work a full programme of medical examinations was completed. The usual defects likely to impede education were discovered and remedied, while the Education Authority was advised on special cases.

Infectious Diseases.

Diphtheria and other severe infections were absent from the district. Whooping Cough and Measles infections were at a low endemic level, while that of scarlet fever was somewhat above average but of a mild type.

Immunisation against smallpox, diphtheria and whooping cough was maintained at existing levels, while anti-poliomyelitis vaccination was stepped up considerably.

New cases of tuberculosis continued to fall in numbers.

In the sections contributed by the Chief Public Health Inspector it will be observed that:

Water supplies.

The Hooton Pagnell Estate Supply was superseded by the Don Valley Water Board and water supplies were adequate and of satisfactory purity.

General sanitation.

The conversion to water carriage of dry lavatories continued, while the problem of growth of cesspools still awaits solution by the establishment of fresh sewage schemes.

Some further positive action for the control of moveable dwellings would seem desirable if recent experience is to be heeded.

Much progress has been made in the matter of the pollution of the air by industrial undertakings. Monthly readings at Askern also show substantial betterment of conditions during summer months when domestic chimneys are contributing less to the general pollution. The problem of domestic smoke, however, is governed at the moment by the question of miners' concessionary coal.

Housing.

The slum clearance programme as forecast three years ago has now been virtually completed. The clearance of unfit houses is one which will continue as houses reach that stage of unfitness. Recent legislation has aimed at reducing these instances.

Supervision of foods.

The Council can be satisfied that the supervision of food was comprehensive and adequate.

In conclusion I would like to thank the Committee for their encouragement and support and Mr. Reynolds and his staff for their good work during the year.

I am,

Yours faithfully,

A. PENMAN, M.D., D.P.H.,
Medical Officer of Health.

BIRTH AND MORTALITY RATE - 1958

Rates:	Doncaster Rural District	Aggregate West Riding Rural Districts	West Riding	England & Wales
Birth: per 1,000 population	22.4	18.0	16.7	16.4
Registered Birth: do.	21.7	18.0	16.9	-
Death: do.	8.9	9.8	11.9	11.7
Registered Death: do.	13.0	12.1	13.0	-
Tuberculosis, respiratory: do.	0.05	0.09	0.09	0.09
Tuberculosis, other: do.	-	0.01	0.01	0.01
Tuberculosis, total: do.	0.05	0.09	0.09	0.10
Per, all forms: do.	1.54	1.62	1.97	2.12
Local lesions, nervous system: do.	1.13	1.41	1.93	*
Heart & circulation: do.	3.09	3.53	4.59	*
Respiratory diseases: do.	1.14	1.13	1.33	*
Infant mortality per 1,000 live & still births)	Nil	0.48	0.43	0.43
Maternal mortality per 1,000 live & still births)	23.6	27.4	24.4	22.5
Stillbirths (per 1,000 live & still births)	20.9	22.3	22.8	21.6

RECORD OF PROGRESS - DONCASTER RURAL DISTRICT.

Year	Live Birth Rate	Crude Death Rate	All forms of Tuberculosis	Infant Mortality	Maternal Mortality
1911	35.1	14.9	1.32	126.4	*
1916	30.6	13.9	1.64	106.9	*
1921	30.8	14.0	1.14	130.9	*
1926	29.4	10.3	0.8	82.3	*
1931	23.1	9.10	0.9	81.5	*
1936	18.4	8.74	0.56	61.0	8.25
1941	20.8	9.3	0.61	61.0	4.59
1942	20.8	8.1	0.47	41.0	2.91
1943	20.6	9.3	0.58	54.0	4.83
1944	23.7	8.8	0.55	42.0	4.97
1945	20.8	8.6	0.59	61.0	0.94
1946	21.9	7.9	0.39	42.0	2.56
1947	22.36	9.66	0.73	58.4	2.46
1948	22.06	9.2	0.53	49.8	1.68
1949	19.98	9.15	0.55	52.98	1.85
1950	18.81	9.05	0.34	53.79	1.95
1951	18.06	9.97	0.43	47.81	NIL
1952	17.0	8.84	0.11	32.9	NIL
1953	18.3	9.24	0.28	37.3	1.95
1954	18.36	8.72	0.26	22.08	0.98
1955	20.23	8.89	0.18	32.00	0.87
1956	21.2	9.4	0.07	41.5	0.81
1957	21.6	8.5	0.12	33.8	2.35
1958	22.4	8.9	0.05	23.6	NIL

*Figures not available

SECTION "A".

STATISTICS

GENERAL.

Area of the district in acres:	75,086
Registrar-General's estimate of the mid-year home population:	58,520
Number of inhabited houses (end of 1958)	18,501
Rateable Value (1st April, 1959):	£661,969
Sum represented by 1d rate (1st April, 1959):	£2,565

EXTRACTS OF VITAL STATISTICS.

Live Births.

	<u>Male</u>	<u>Female</u>	<u>Total</u>	
Legitimate	644	618	1262	Doncaster R. D.
Illegitimate	21	28	49	Live Birth Rate 22.4*
	<u>665</u>	<u>646</u>	<u>1311</u>	Adjusted Birth Rate 21.7
				England & Wales 16.4

Still Births.

	<u>Male</u>	<u>Female</u>	<u>Total</u>	
Legitimate	10	17	27	Doncaster R. D.
Illegitimate	-	1	1	Still Birth Rate 20.9 †
	<u>10</u>	<u>18</u>	<u>28</u>	Adjusted Still Birth Rate 20.3
				England & Wales 21.6

TOTAL (LIVE & STILL) BIRTHS: 1339

Deaths of Infants: Under 1 year.
(In brackets under 4 weeks)

	<u>Male</u>	<u>Female</u>	<u>Total</u>	
Legitimate 20	(12)	11 (9)	31 (21)	Doncaster R. D.
Illegitimate -	(-)	- (-)	- (-)	Infant Mortality Rate: 23.6 ^x
	<u>20 (12)</u>	<u>11 (9)</u>	<u>31 (21)</u>	England & Wales 22.5
				Neo-natal mortality Rate: 16.0 ^x
				England & Wales: 16.2

Deaths: All Causes.

	<u>Male</u>	<u>Female</u>	<u>Total</u>	
	311	210	521	Doncaster R. D.
				Crude Death Rate: 8.9*
				Adjusted Death Rate: 13.0
				England & Wales 11.7

Deaths from Tuberculosis.

	Male	Female	Total	
(a) Respiratory	3	-	3	Doncaster R. D.
(b) Non-respiratory	-	-	-	Death Rate from
	3	-	3	Tuberculosis 0.05*
				(all forms)
				England & Wales 0.10

* per 1,000 of the population.

x per 1,000 live births.

ø per 1,000 live and still births.

POPULATION.

The Registrar-General's estimate of the mid-year home population was 58,520, which is 1,100 more than that of the previous year. The natural increase (i.e. the excess of live births over deaths) was 790.

BIRTHS.

The number of registered live births was 1,311 compared with 1,243 and 1,204 in the previous two years, giving a rate of 22.4. This was an increase from 21.6, while the national rate increased from 16.1 to 16.4. The live birth rate adjusted by the Registrar-General's comparability factor, which is intended to discount the advantage of favourable age and sex constitution of the local population, was 21.7.

Male births exceeded female by 19. Illegitimate live and still births were 3.8% of the total.

DEATHS.

There were 521 deaths from all causes among the resident population, 311 males and 210 females, being 35 more than in 1957. The crude and adjusted rates were 8.9 and 13.0 respectively and the National rate 11.7 per 1,000 of the population.

The principal causes of death were:

	1958	Compared with	
		1957	1956
Diseases of the heart and circulation (including vascular lesions of the nervous system);	247	215	260
Cancer (including leukaemia):	90	81	76
Pneumonia, bronchitis and influenza, etc.:	64	63	55
Accidents and violence (motor accidents 10, accidents at home and work 17, suicide 4):	31	25	38
Tuberculosis (all forms):	3	7	4

The deaths from these causes were about 83 per cent of the total.

In view of the co-relation between cancer of the lung and bronchi and smoking I have recorded the figures for recent years among men and women.

YEAR:	Number of cases of Cancer of the lung and bronchus:		
	Men:	Women:	Total:
1951-1955 (Mean Annual)	11	3	14
1956	9	-	9
1957	12	3	15
1958	7	3	10

These figures show that in this sample of the population lung cancer is much commoner among men than women and that it does not appear to be increasing:

MATERNAL MORTALITY.

Maternal mortality, although much better, has always tended to remain high in this District, but in 1958 there were no deaths. This remarkable happening has occurred only twice before, namely in 1951 and 1952. It compensates for the unhappy increase of 1957.

	'1958 Maternal death rates per 1,000 live and still births:	
	Doncaster R. D.	England & Wales
Maternal Causes (excluding abortion)	-	0.35
Abortion	-	0.08
	— Nil —	— 0.43 —

INFANT MORTALITY.

Thirty-one infants died before reaching the age of 12 months, giving a mortality rate of 23.6 per 1,000 live births. Twenty two of these deaths occurred within 28 days of birth or in the neonatal period, nine from immaturity, three each from birth injury and respiratory infections, two each from congenital malformations and post-natal asphyxia, etc., one from gastro-enteritis and two from other causes.

The deaths among all infants due to infections were moderately low and this enabled the infant mortality rate to approach that of England and Wales (22.5), a rare happening.

CAUSES OF INFANT DEATHS - 1958

Cause of Death	All Infants		Under 4 weeks		4 weeks to 3 months		3 to 6 months		6 to 9 months		9 to 12 months	
	M	F	M	F	M	F	M	F	M	F	M	F
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis and Pneumonia	6	2	1	2	1	-	4	-	-	-	-	-
Gastro-enteritis	-	2	-	1	-	1	-	-	-	-	-	-
Immaturity	5	4	5	4	-	-	-	-	-	-	-	-
Injury at birth	3	-	3	-	-	-	-	-	-	-	-	-
Congenital Malformations	4	-	2	-	2	-	-	-	-	-	-	-
Post Natal Asphyxia & Atelectasis	1	1	1	1	-	-	-	-	-	-	-	-
Haemolytic Disease	-	-	-	-	-	-	-	-	-	-	-	-
Other causes	1	2	-	2	-	-	1	-	-	-	-	-
ALL CAUSES	20	11	12	10	3	1	5	-	-	-	-	-

CAUSES OF DEATH - 1958

REGISTRAR-GENERAL'S RETURN

No.	Cause of Death	MALES	FEMALES
	ALL CAUSES	311	210
1.	Tuberculosis, respiratory	3	-
2.	Tuberculosis, other	-	-
3.	Syphilitic disease	3	1
4.	Diphtheria	-	-
5.	Whooping Cough	-	-
6.	Meningococcal infections	1	-
7.	Acute poliomyelitis	1	-
8.	Measles	-	-
9.	Other infective and parasitic diseases	-	-
10.	Malignant neoplasm, stomach	13	2
11.	Malignant neoplasm, lung bronchus	7	3
12.	Malignant neoplasm, breast	-	12
13.	Malignant neoplasm, uterus	-	7
14.	Other malignant & lymphatic neoplasms	23	21
15.	Leukaemia, aleukaemia	2	-
16.	Diabetes	1	3
17.	Vascular lesions of nervous system	28	38
18.	Coronary disease, angina	64	24
19.	Hypertension with heart disease	10	5
20.	Other heart disease	24	28
21.	Other circulatory disease	17	9
22.	Influenza	1	-
23.	Pneumonia	13	8
24.	Bronchitis	33	9
25.	Other diseases of respiratory system	2	1
26.	Ulcer of stomach and duodenum	4	-
27.	Gastritis, enteritis and diarrhoea	1	3
28.	Nephritis and nephrosis	3	2
29.	Hyperplasia of prostate	1	-
30.	Pregnancy, childbirth, abortion	-	-
31.	Congenital malformations	3	-
32.	Other defined and ill-defined diseases	28	27
33.	Motor vehicle accidents	8	2
34.	All other accidents	14	3
35.	Suicide	3	1
36.	Homicide and operations of war	-	-

SECTION "B".

SERVICES PROVIDED BY THE COUNTY COUNCIL

MATERNITY.

In the divisional health area, which includes Tickhill Urban District, midwives notified 1,365 live and still births among mothers usually resident here. Of these 713 were domiciliary and 652 occurred in hospitals and maternity homes. The institutional births were thus 48 per cent of the total, an increase of 6 per cent on the previous year. Of the 31 still births 13 were domiciliary and 18 institutional.

Midwives were present at all the domiciliary confinements and a doctor also in 86 of them. Gas and air analgesia alone was given to 110 mothers; gas and air and pethidine to 357, and pethidine alone to 148 mothers. 16,766 home visits were paid in connection with these duties including 1023 visits to 138 mothers discharged from maternity hospitals before the fourteenth day. 315 infants were established on breast feeding at the time the midwife ceased attending. Medical aid was summoned on 95 occasions to mothers and infants.

At the year end the midwifery staff consisted of 9 whole-time midwives and one senior relief midwife. Two midwives retired and there were 4 resignations during the year.

During the year the West Riding Ante-Natal Clinics were attended by 374 mothers; 220 for the first time, and they made in all 2,235 attendances. 75 mothers attended the West Riding clinics for post-natal advice.

CHILD WELFARE.

Clinics were held at the eight established centres during the year and the mobile clinic visited fortnightly such village communities as Norton, Campsall, Cantley, Awkley, Blaxton, Wadworth, Tickhill, Braithwell, Barnburgh, Cadeby and Warmsworth.

Number of children aged 0-5 years attending: 2,316

Number of children attending for the first
time, being under 1 year at first attendance: 1,138

Number of attendances of children 0-5 years:

(a) Under 1 year	18,797
(b) Over 1 year	8,554

Dried Milks and Vitamin supplements were available at the clinics. The amounts sold made a total of £4,331. In addition to this there was distributed under the Ministry-sponsored scheme: 4,408 tins of national dried milk, 16,865 bottles of orange juice, 2,301 bottles of cod liver oil and 1,165 packets of vitamins, representing £854. 6. 6. which was paid for in stamps.

The Health Visitors attended child welfare and ante-natal sessions of local authority clinics and visited homes with regard to expectant mothers, children, the aged and sick persons.

(a) Number of attendances at Local
Authority Clinic Sessions: 1,480

(b) Visits	<u>First</u> <u>Visits</u>	<u>Total</u> <u>Visits</u>
(1) Expectant Mothers	187	274
(2) Children under 1 year	1,283	8,365
(3) Children between 1 and 2 years	-	4,873
(4) Children between 2 and 5 years	-	7,293
(5) Other cases	-	3,616
(6) Visits to households re tuberculosis	-	439
	<u>1,470</u>	<u>24,860</u>

The Divisional Nursing Officer maintained her hospital liaison work at the Western Hospital, Hamilton Lodge and Annexe with great benefit to the aged sick and to parturient mothers and babies.

Home Help was provided during the year as follows:

	<u>No. of</u> <u>Cases</u>	<u>Hours</u> <u>Employed</u>
Maternity (including expectant mothers)	30	1,874
Tuberculosis	2	933
Chronic sick, aged 65+	254	58,563
Chronic sick, under 65	15	2,923
Others	16	3,562
	<u>317</u>	<u>67,855</u>

This compares with 293 cases and 57,823 hours in the previous year.

HOME NURSING.

The home nursing service was maintained by 8 full time and one part time nurse. There were 1,122 cases involving 28,019 visits, classified as follows:

Classification of case	No. of cases attended by Home Nurses	No. of Visits paid by Home Nurses
Medical	713	18,594
Surgical	344	5,519
Infectious Diseases	1	5
Tuberculosis	45	3,709
Maternal complications	19	192
TOTAL:	1,122	28,019

	<u>Patients:</u>	<u>Visits:</u>
Patients included in above who were aged 65 and over at the time of first visit:	427	14,822
Children included in above who were under five years of age at the time of first visit:	72	504
Patients included in above who had more than 24 visits:	116	7,386

SCHOOL MEDICAL INSPECTIONS

The periodic examinations included 1,061 of entrants, 755 of 7-8 years group, 712 last year primary, and 755 last year secondary, totalling 3,283. There were also 40 special examinations and 114 re-examinations.

Unsatisfactory nutritional standards was reported to exist in 1.7 per cent of the children examined, which is less than the existing rate for the County generally.

During 16,722 examinations for cleanliness, only 31 individual pupils were found to have infestation of the head. All these infestations were cleared as a result of informal action.

Among the children medically examined the following defects were found: Requiring treatment - nose and throat (mainly tonsils and adenoids) 73; Vision: (a) refraction 99, (b) eye squint 15; Ear Conditions: (a) hearing defects 18, (b) middle ear and other disease 13; Orthopaedic defects: (a) posture 2, (b) feet and other 11; Skin diseases 27; Speech defects 12; Lung conditions 21; Heart troubles 7 and epileptics 2; Maladjusted psychologically 8.

At minor ailments clinics 271 cases of skin disease were treated. At eye clinics 471 were treated for refraction, squint and other conditions; 116 received operative treatment to the nose, throat or ear at local hospitals.

2 further children were added to the number provided with hearing aids; 22 were treated at the local authority clinic or hospital for orthopaedic or postural defects; 11 pupils were treated at the Child Guidance Clinic.

MENTAL DEFICIENCY ACTS.

8 new cases were reported during the year, seven of whom were placed under statutory supervision, and one admitted to an institution. The following was the total of known defectives at the end of 1958,

	<u>Under 16.</u>		<u>Age 16 & over</u>	
	M	F	M	F
Under statutory supervision.	12	14	43	34
Under voluntary supervision.	-	-	8	13
	<u>12</u>	<u>14</u>	<u>51</u>	<u>47</u>

46 defectives were in full-time and 2 in part-time employment, while 13 were adequately occupied at home.

10 defectives were actually attending occupation centres, although 49 were considered suitable for centres. 14 attended group training classes, held twice weekly at Edlington and Armthorpe, while 5 were visited by a home teacher.

ANTE-NATAL, CHILD WELFARE AND SCHOOL CLINIC SESSIONS.

PLACE	ANTE-NATAL	INFANT WELFARE	SCHOOL CLINIC
ARMTHORPE - Miners' Welfare Institute.	Tuesday, A. M.	Thursday, P. M.	Wednesday, A. M. (Mere Lane School).
ASKERN - Baptist Chapel, Sutton Road.	Thursday, P. M. (alternate)	Monday, P. M.	Monday, A. M. Thursday, A. M.
BAWTRY - 5 South Avenue.	Monday, A. M.	Monday, A. M.	Monday, A. M.
BRODSWORTH - St. Leonard's Ch. Hall, Barnsley Rd.	-	Tuesday, P. M. (alternate)	-
EDLINGTON - St. John's Church Hall.	Thursday, A. M. / P. M. (except 2nd).	Monday, P. M.	Monday, A. M. Friday, A. M.
KIRK SANDALL - Nursery Hut, Dentons Green Lane.	Tuesday, P. M. (1st and 3rd).	Thursday, P. M.	Thursday, A. M.
ROSSINGTON St. Luke's Church * Hall, and Dental Clinic, West End La.	Alternate Wednesday, A. M.	Tuesday, P. M.	Tuesday, A. M.
SPROTBOROUGH - Richmond Hill School Grounds.	Alternate Friday, P. M.	Wednesday, A. M.	Thursday, A. M.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES

NOTIFIABLE INFECTIOUS DISEASE, 1958
(other than Tuberculosis)

AGE AND SEX INCIDENCE

Arranged in the manner prescribed by the Registrar-General.

Age Group	Scarlet Fever	Whooping Cough		Acute Poliomyelitis				Measles		Diphtheria		Dysentery		Meningococcal Infection	
				Paralytic		Non-Paralytic									
				M	F	M	F								
Under 1	-	-	-	1	-	-	-	1	1	-	-	1	2	-	-
1 year	-	5	1	-	-	-	-	9	7	-	-	-	-	-	-
2 years	5	3	-	1	-	-	-	11	10	-	-	1	1	-	-
3 years	10	8	-	-	-	-	-	7	17	-	-	-	1	-	-
4 years	6	6	1	-	-	-	-	15	13	-	-	1	1	-	-
5-9 years	28	22	-	2	-	-	-	60	55	-	-	1	-	-	-
10-14 years	2	4	-	-	-	-	-	3	4	-	-	3	-	-	-
15-24 years	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
25 and over	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
TOTALS	53	49	2	4	-	-	-	106	107	-	-	7	8	-	-

Age Group	Acute Pneumonia		Erysipelas		Food Poisoning	
	M	F	M	F	M	F
Under 5	-	2	-	-	-	-
5-14 years	-	-	-	-	-	-
15-44 years	2	1	2	-	-	-
45-64 years	-	-	4	-	-	-
65 and over	3	-	-	-	-	-
TOTALS	5	3	6	-	-	-

Puerperal Pyrexia - 3

The cases of notifiable disease coming to the knowledge of this department were 353 (excluding tuberculosis).

Measles and whooping cough had a quiet year after the outbreak of 1957, while Scarlet Fever was about normal in its endemic level. Dysentery (of the Sonne type) continued in a sporadic way in circumstances which suggested the existence of mild unrecognised cases; all possible was done to clear up the notified cases and to stop the spread of infection.

During the year the prolonged absence of diphtheria continued. The measures taken to preserve this happy position were as follows:

ANTI-DIPHTHERIA IMMUNISATION, 1958

Children completing a course of immunisation:

AGE	0-4	5-14	TOTAL
Primary	752	98	850
Re-inforcement doses	20	296	316

The state of anti-diphtheria immunisation among the under-fifteen population at the end of 1958 was:

	AGE			TOTAL
Under 1	1-4	5-9	10-14	
149	2,333	3,965	4,769	
Immunised Total:	2,482	8,734		11,216
Estimated mid-year population:	5,517	10,106		15,623
Percentage immunised:	45%	86%		72%

The average percentage of the under-fifteen population with some degree of immunity was thus 72, with the under-fives at 45 per cent and the school-agers at 86 per cent. While the protection of the under-fives cannot be regarded as adequate in itself, mass resistance to the spread of infection is maintained by the excellent barrier of well-immunised schoolchildren.

ANTI-PERTUSSIS IMMUNISATION.

For some years now immunisation against whooping cough has been carried out both in clinic and doctors' surgery. Lately the combined form against whooping cough and diphtheria has come into general use.

Our records show that during the year 694 children under five were immunised, and that a total of 2,109 of the estimated 5,517 population of children under five years had received protection, that is 38 per cent. This figure is increasing with the use of combined vaccine.

VACCINATION AGAINST SMALLPOX.

During the year there were 1,311 births and 513 babies vaccinated under one year. This is an acceptance rate of 39 per cent, which is much the same as that of the previous year. This result is like that of the country generally. The complete result was as follows:

	Under 1 year	Ages of persons vaccinated:				Total
		1 year	2-4 years	5-14 years	15 & over	
Primary vaccination	513	22	33	25	7	600
Re-vaccination	-	-	-	2	12	14

VACCINATION AGAINST POLIOMYELITIS.

A total of 8,094 children under 15 and 192 expectant mothers and other priority groups had received 2 injections by the year end. This represented 56 per cent of the children between 6 months and 15 years. 39 children had received third injections. The waiting list included 444 children and 44 adults registered with the local authority or with general practitioners. Supplies of vaccine were by now sufficient to maintain regular clinics.

There was no case of poliomyelitis notified during the year, but one death occurred, of a child of 2 years, notified in 1957.

FOOD POISONING.

I am pleased to report that there was no case of food poisoning.

TUBERCULOSIS:

NEW CASES 1958

AGE GROUP	Respiratory		Meninges & C. N. S.		Other	
	M	F	M	F	M	F
Under 5 years	1	1	-	-	-	-
5-14 years	3	2	-	-	-	-
15-24 years	3	1	-	-	-	-
25-44 years	6	5	-	-	-	2
45-64 years	5	1	-	-	-	-
65 and over	1	-	-	-	-	-
TOTALS	19	10	-	-	-	2

DEATHS - 1958.

AGE GROUP	Respiratory		Non-Respiratory	
	M	F	M	F
Under 5 years	-	-	-	-
5-14 years	-	-	-	-
15-24 years	-	-	-	-
25-44 years	1	-	-	-
45-64 years	-	-	-	-
65 and over	2	-	-	-
TOTALS	3	-	-	-

There were 31 new cases compared with 35 and 39 in the previous two years. In the peak post-war period of 1949-53 there was an annual average of 66 new cases. The declining trend thus continued during 1958.

Three deaths took place from respiratory and none from non-respiratory tuberculosis giving a death-rate of 0.05 per 1,000 of the population. This extremely low death rate may have some fortuitous element in its composition but it accords with all the recent trends generally and reinforces my remarks on the subject in the 1957 Report.

HOME NURSING OF TUBERCULOSIS.

District Nurses in the Rural Area gave attention to 45 patients involving 3,709 visits.

SANATORIUM AND HOSPITAL TREATMENT.

The following table gives the numbers of cases admitted or discharged from institutions:

CASES	Admitted			Discharged or Died		
	Males	Females	Total	Males	Females	Total
Respiratory						
Adults	13	9	22	13	13	26
Children	3	2	5	2	-	2
Non-respiratory						
Adults	-	1	1	-	1	1
Children	-	-	-	-	-	-
TOTAL	16	12	28	15	14	29

7 hospitals, sanatoria and other institutions were involved mainly in the Leeds and Sheffield hospital regions.

B. C. G. VACCINATION.

The Chest Physician gave protection to 61 child contacts of respiratory tuberculosis by B. C. G. vaccination.

EXTRA NOURISHMENT.

No. of patients receiving extra nourishment:

(a)	at the beginning of the year	15
(b)	newly granted during the year	5
(c)	grants discontinued	10
(d)	receiving extra nourishment at the end of the year	10

3 outdoor shelters already supplied were maintained.

I am,

Your obedient Servant,

A. PENMAN

Medical Officer of Health

STAFF

(As at July, 1958)

MEDICAL OFFICER OF HEALTH

DR. A. PENMAN, M.D., Ch.B., D.P.H. (also
Divisional Medical Officer, West Riding County Council)

ASSISTANT COUNTY MEDICAL OFFICERS

DR. M.T. BURTON, L.M.S.S.A.
DR. C.M. DORNAN, M.B., B.Ch.

HEALTH VISITORS.

Miss E. Humphries - Divisional Nursing Officer.

Miss A.M. Hogg	)	ARMTHORPE
Miss L. Shaw		

Mrs. M. Hopkinson	)	ASKERN
Mrs. W. Blagojevic		BAWTRY
Miss E. Goulden		BRODSWORTH

Miss F. Arrand	)	EDLINGTON
Mrs. D. Goddard (part-time)		

Miss M. Simpson KIRK SANDALL

Mrs. F. Weaver	)	ROSSINGTON
Mrs. W. Blagojevic		

Miss E.P. Llewellyn SPROTBOROUGH

Miss P. Crawley - Askern Area Tuberculosis Visitor

... ..

MIDWIVES

Senior Relief:

Nurse G.M. Wilkinson, 10 Low Road, Warmsworth
(Tel. Doncaster 53245)

Nurse L.M. Ashton, 13 Thomas Street, Edlington (Tel. Conisboro 3384)

Nurse L. Davies, 5 Nelson Road, Rossington.

Nurse D. Duckworth, 1 Queen's Crescent, Bawtry (Tel. Bawtry 312)

Nurse M. Hanks, 45 Sherwood Avenue, Askern (Tel. Askern 430)

Nurse D.M. Howard, 310a Thorne Road, Doncaster (Tel. Doncaster
61894)

Nurse D. Lee, 9 Rands Lane, Armthorpe (Tel. Armthorpe 239)

Nurse M.O. Morrison, 6 Bevan Avenue, Rossington (Tel. Rossington 353)

Nurse R.H. Senior, 95 Hawthorn Avenue, Armthorpe (Tel. Armthorpe
206)

Nurse N.H. Stewardson, Lynfield, Melton Road, Sprotborough.
(Tel. Doncaster 53997)

Nurse F. Wilkinson, 1 Park Drive, Campsall (Tel. Askern 340)

Nurse B.F. Wright, 11 Scott Avenue, Barnburgh (Tel. Goldthorpe
2150)

DISTRICT NURSES

Nurse A. Caygill, Birch View, Warning Tongue Lane, Bessacarr,
Doncaster (Tel. Rossington 385)

Nurse M. Darley, 8 Park Crescent, Warmsworth (Tel. Doncaster
53188)

Nurse D. Gilbert, 8 Church Road, Kirk Sandall (Tel. Barnby Dun 314)

Nurse N.A. Jeffreys, 19 Tennyson Avenue, Sprotborough
(Tel. Doncaster 49845)

Nurse J. Martin, 5 Thelluson Avenue, Scawsby (Tel. Doncaster 61012)

Nurse E. Mitchell, 15 Chestnut Avenue, Armthorpe.

Nurse E.E. Oades, Little Haven, Bone Lane, Campsall (Tel. Askern
304)

Nurse T.A. Peach, 50 Grange Lane, Rossington (Tel. Rossington 246)

Nurse D.E. Robson, 2 Lime Tree Avenue, Armthorpe (Tel. Armthorpe
225)

Nurse V. Dunford, Whiteford, Clifton Lane, Conisborough
(Tel. Conisborough 3181)

FACTORIES ACTS, 1937 and 1948.

Annual Report of the Medical Officer of Health in respect of the year 1958
for the Rural District of Doncaster in the County of Yorkshire (W.R.)

Prescribed particulars on the administration of the
Factories Act, 1937.

PART 1 OF THE ACT.

1. INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors).

Premises	No. on Register	NO. OF		
		Inspec- tions	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	85	85	5	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	-	-	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	-	-	-	-
TOTAL	85	85	5	-

2. CASES IN WHICH DEFECTS WERE FOUND:

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred to H. M. Inspector	Referred by H. M. Inspector	
Want of cleanliness (S. 1)	2	2		2	-
Overcrowding (S. 2)					
Unreasonable temperature (S. 3)					
Inadequate ventilation (S. 4)					
Ineffective drainage of floors (S. 6)					
Sanitary conveniences (S. 7)					
(a) Insufficient	1	1	-	1	-
(b) Unsuitable or defective					
(c) Not separate for sexes	2	2	-	2	-
Other offences against the Act (not including offences relating to outwork)					

SECTION "C".

SANITARY CIRCUMSTANCES

The Report of the Chief Public Health Inspector: A. Reynolds,
C.S.I.B., M.A.P.H.I.

Sanitary Inspection of the Area.

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

Total number of inspections during 1958	8323
Nuisances reported during 1958	139
Nuisances in hand 1957	41
Abated during 1958	136
Outstanding at end of 1958	44

The total inspections relate to:

Nuisances	486	Bakehouses	56
Housing Acts and Regulations	596	Butchers' shops	58
Moveable dwellings	241	Restaurants, cafes and	
Rehousing investigations	321	hotel kitchens	33
Interviews with Owners		Food preparing premises	35
and Tradesmen	51	Fish and chip shops	36
Factories	85	Slaughterhouses & meat	743
Spoilbanks & Refuse Tips	111	General provision shops	100
Public Sanitary conveniences	6	Canteens, works & schools	30
Drainage	268	Shops Act	159
Pet Animals Act	8	Unsound food	97
Hairdressers	19	Milk shops and dairies	19
Public Cleansing and Salvage	3973	Ice cream shops	18
Conversions	228	Ice cream manufacturers	5
Prevention of Damage by		Hawkers' premises	28
Pests Act	27	Water supplies:	
Dirty and Verminous		Samples taken	46
Premises:		Supplies investigated	26
Bed Bugs	33	Ice cream samples taken	13
Other Vermin	91	Infectious diseases:	
Dirty Houses	20	Inspections	34
Food poisoning	2	Investigations	114
Licensed Premises	18	Markets	50
Fair Grounds	31	Fish shops	8
Offensive Trades	10	Keeping of animals	4

Notices:

Informal notices served	139	Complied with:	
Statutory notices served	8	(from 1957 to 1958)	136
Legal proceedings taken	0	(from 1957 to 1958)	9

WATER SUPPLIES

All parishes in the Rural District have a piped in water supply, mainly derived from deep boreholes which yield water of constant purity and moderate hardness. Two water undertakings, The Don Valley Water Board and the Doncaster Corporation supply the major part of the area. Only the parish of Clayton with Frickley has an estate supply. An extension of the Don Valley Water Board's main from Brodsworth to the parish of Hooton Pagnell, with a new water tower at Bilham, has done away with an old estate supply. The well from which the water was obtained is no longer used.

Extensions to mains have been carried out in many parishes to supply new housing estates.

The following samples of water were submitted for analysis during the year:

(a) Bacteriological. 37 samples.

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
Don Valley Water Board	15	-
Doncaster Corporation	12	-
Thorne and District Water Company	1	-
Estate Supplies	2	-
Private Wells and Spring	6	1

(b) Chemical. 8 samples.

Clayton with Frickley.	4	Good organic purity.
Warmsworth	2	do.
Hampole	1	do.
Campsall	1	do.
Don Valley Water Board	1	do.

Don Valley Water Board
Sample of water from Poplar Farm, Campsall, 31.10.58.

	<u>Parts per million</u>
Total Solids	440
Chloride	22
Alkalinity as CaCO ₃	150
Total Hardness	240
Permanent Hardness	90
Temporary Hardness	150
Lead, Copper, Zinc	Nil
Iron	Nil
Free Ammonia	0.01
Albuminoid Ammonia	0.01
Nitrous Nitrogen	Nil
Nitric Nitrogen	4.4
pH	7.4

This water is of good organic purity.

SANITARY SURVEY 1958

Parish	No. of Inhabited Houses 31.12.58.	Water Closets	Pails	Privy Mid- dens	Dust Bins	Dry Ash Pits	Cess Pools
<u>Parishes closely built</u>							
ARMTHORPE	2054	2079	7	1	2084	-	11
ASKERN	1738	1760	-	-	1786	-	2
BARNBY DUN-WITH- KIRK SANDALL	845	868	4	-	878	-	4
BAWTRY	450	464	9	4	490	2	7
EDENTHORPE	760	775	1	1	785	-	6
EDLINGTON	2279	2458	8	-	2384	-	18
ROSSINGTON	2761	2725	45	2	2804	-	31
SPROTBOROUGH	2082	2205	16	4	2236	-	344
WARMSWORTH	987	1126	-	-	988	1	6
TOTAL	13956	14460	90	12	14435	3	429
<u>Parishes closely built in parts</u>							
AUSTERFIELD	164	168	4	9	162	-	21
BARNBURGH	303	310	36	9	291	-	28
BLAXTON	143	105	43	6	138	1	49
BRAITHWELL	282	242	40	12	269	2	84
BRODSWORTH	910	884	60	1	948	1	83
CADEBY	40	19	19	3	33	1	10
CANTLEY	429	407	60	31	400	-	222
DENABY	80	61	17	-	73	1	40
MARR	41	21	17	3	45	-	7
NORTON	816	734	55	10	787	-	105
WADSWORTH	192	108	76	25	173	2	17
TOTAL	3400	3059	427	109	3319	8	666
<u>Parishes entirely rural</u>							
ADWICK-ON-DEARNE	47	43	8	-	53	-	5
AWKLEY	243	195	40	10	599	-	30
BURGHWALLIS	71	52	17	-	73	-	27
CLAYTON-W-FRICKLEY	68	17	44	19	48	4	5
CONISBOROUGH PARKS	99	68	19	5	90	-	20
FENWICK	45	13	15	17	26	2	8
HAMPOLE	59	41	21	1	58	2	16
HICKLETON	37	42	-	-	44	-	3
HOOTON PAGNELL	80	28	52	-	88	1	2
KIRK BRAMWITH	52	19	25	13	39	1	11
LOVERSALL	46	38	5	6	45	-	8
MELTON (HIGH)	80	68	10	6	79	-	14
MOSS	70	14	45	11	44	1	12
OWSTON	51	16	21	9	49	-	14
STANTON	62	53	15	5	60	-	25
THORPE-IN-BALNE	35	12	19	7	31	1	5
TOTAL	1145	719	356	109	1426	12	205
SUMMARY							
Parishes closely built	13956	14460	90	12	14435	3	429
Parishes closely built in parts	3400	3059	427	109	3319	8	666
Parishes entirely rural	1145	719	356	109	1426	12	205
TOTAL	18501	18238	873	230	19180	23	1300

Sanitary Conveniences - Conversions and additions for 1958.

2 privies to water closets.
42 pails to water closets.
399 water closets provided for new buildings.
105 additional cesspools provided.

PUBLIC HEALTH ACT, 1936 - SECTION 47.

- (a) Subsection 1 - Replacement of earth closets, etc., by water closets at joint expense of owner and local authority.

Three conversions to water closets were carried out where sewer and water supply were available at a cost to the Council of £84. 6. 2.

- (b) Subsection 4 - Replacement of earth closets, etc., by water closets at expense of owner with grant assistance by the local authority.

Fifteen conversions were completed with drainage into cesspools at a cost of £270. 0. 0. to the Council.

PROVISION OF DUSTBINS.

The scheme for the supply of dustbins to householders by the Council, under Section 73 (3) Public Health Act, 1936, as amended by the Local Authorities (Charges for Dustbins) Order, 1957 has continued to work satisfactorily.

Three hundred and twenty two new bins and fifty two replacements were supplied. An annual charge of seven shillings and sixpence is made on the property as part of the General Rate.

ERADICATION OF BED BUGS AND OTHER VERMIN.

Twenty seven infestations of bed bugs, ants, red spiders, blackclocks and flies were dealt with.

PET ANIMALS ACT, 1951.

One licence has been granted to keep a pet shop.

HAIRDRESSERS AND BARBERS.

There are thirty Certificates of Registration in force under Section 120, West Riding County Council (General Powers) Act, 1951.

Eighteen inspections were made.

CLEAN AIR ACT, 1956. ATMOSPHERIC POLLUTION.

Colliery Spoilbanks.

There are four of the largest collieries in South Yorkshire situated at Armthorpe, Askern, Edlington and Rossington, each

with spoilbanks covering vast areas of land. In addition, parts of the tips from Brodsworth and Hickleton Collieries extend into the rural district.

Conditions have improved considerably during the year.

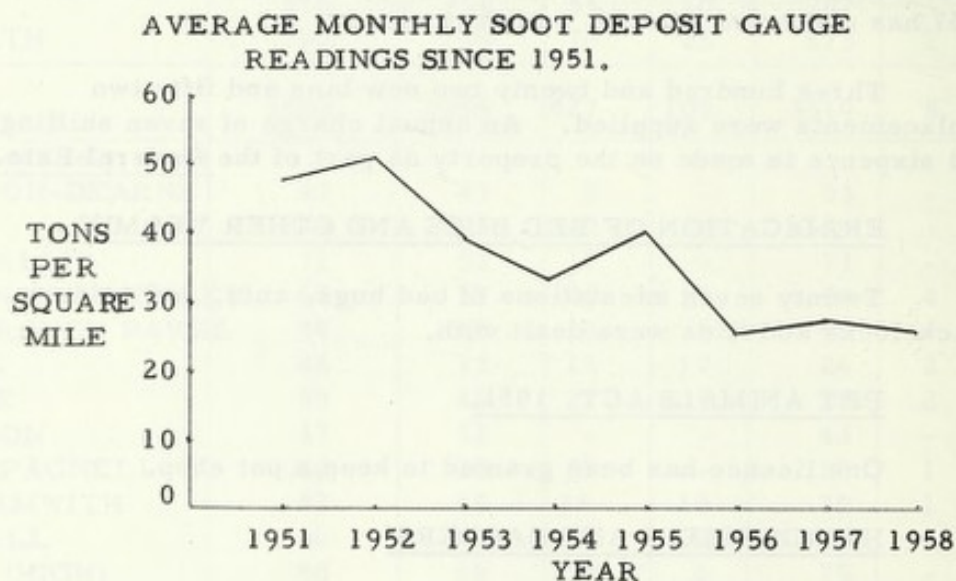
INDUSTRIAL POLLUTION.

Most of the problems under this heading have been solved. The dust nuisance from two quarry undertakings, one where limestone is ground to dust, the other where dolomite and coal is burned in eleven cupulas to make refractory material are receiving attention. Deposit gauges, to measure the amount of dirt falling in these areas, and lead peroxide squares to give an indication of the amount of sulphur dioxide in the atmosphere have been placed around the works.

These observations will continue for one year.

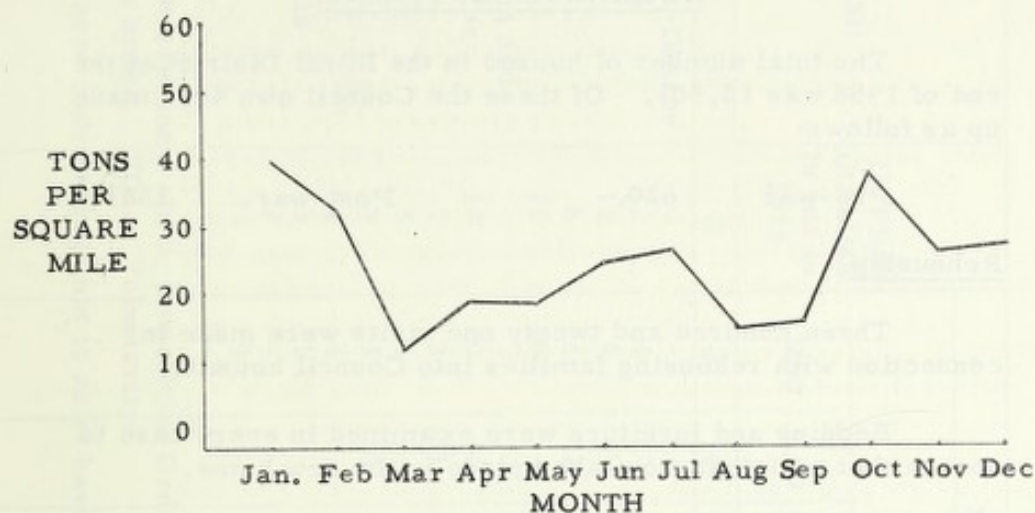
Askern.

Observations were continued throughout the year in the Askern area which due to the presence of a large colliery and a low temperature carbonisation plant has the biggest nuisance potential in the district. There is, however, continued evidence of the gradual improvements carried out by the respective owners during the past few years as the following graph illustrates.

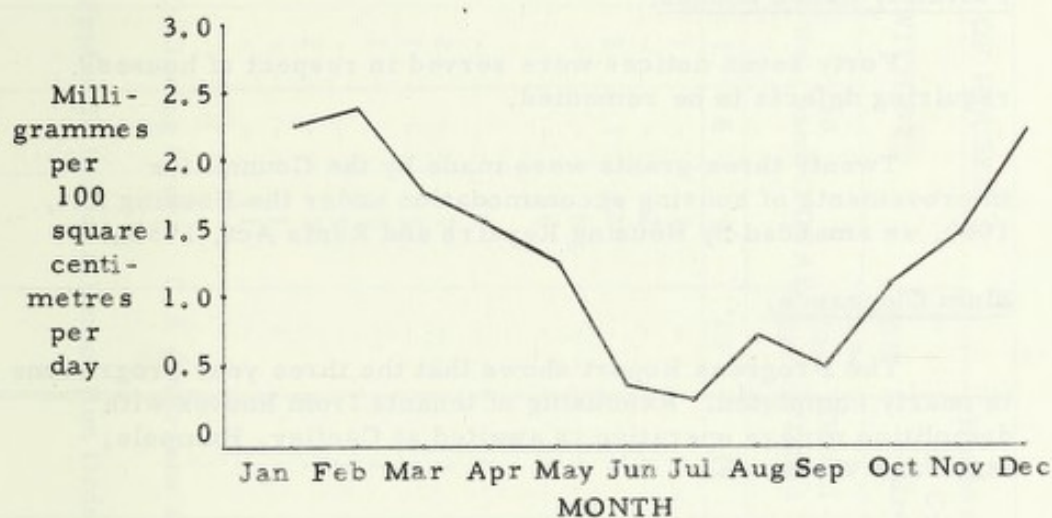


Sulphur dioxide and deposit readings for the year under review show the roughly outlined inverted parabolae normally expected.

SOOT DEPOSIT GAUGE READINGS AT ST. PETER'S
CHURCH, ASKERN. 1958.



SULPHUR DIOXIDE READINGS AT ST. PETER'S
CHURCH, ASKERN. 1958.



The average deposit reading for the six winter months was 29.00, compared to 19.81 for the summer months (April to September).

The Alkali etc. Works Order, 1958 came into operation on the 1st June, 1958, which, inter alia, means that the discharge of certain noxious or offensive gases, smoke, grit and dust from the low temperature carbonisation plant is subject to control under the Alkali etc. Works Regulation Act, 1906 as extended by virtue of section 17 of the Clean Air Act, 1956.

SECTION "D" - HOUSING.

HOUSING ACTS, 1936-57.

The total number of houses in the Rural District at the end of 1958 was 18,501. Of these the Council own 4012 made up as follows:

Pre-war	629.	Post-war	3383
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Rehousing.

Three hundred and twenty one visits were made in connection with rehousing families into Council houses.

Bedding and furniture were examined in every case to ensure that no infestation takes place in the new home.

It is gratifying to report that this is the first year since rehousing visits were made that no fumigations were necessary.

Privately owned houses.

Forty seven notices were served in respect of houses requiring defects to be remedied.

Twenty three grants were made by the Council for improvements of housing accommodation under the Housing Act, 1949, as amended by Housing Repairs and Rents Act, 1954.

Slum Clearance.

The Progress Report shows that the three year programme is nearly completed. Rehousing of tenants from houses with demolition orders operative is awaited at Cantley, Hampole, Marr and Wadworth.

SLUM CLEARANCE PROGRESS REPORT - POSITION AT END OF 1958

PARISH	IN PRO-GRAMME to end of 1958	NUMBER OF HOUSES								Houses shown in Col. 2 already		RE-HOUSING			
		DEALT WITH BY						Still to be dealt with	Demolished	Closed	Of the houses shown in Col. 2, families require rehousing as under:				
		D/O	C/O	C/A	U/T	Vol.	In hand				TOTAL	Re-housing NOT required	Rehousing by Council		Already rehoused
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Adwick-on-Deane	1	-	-	-	-	1	-	1	-	-	1	1	-	-	-
Armthorpe	12	4	-	7	1	-	-	12	-	10	1	5	7	6	1
Askern	12	9	1	-	-	1	1	12	-	10	-	5	7	7	-
Awkley	6	4	1	-	1	-	-	6	-	4	1	2	4	4	-
Barnburgh	16	16	-	-	-	-	-	16	-	11	-	7	9	9	-
Barnby Dun and Edenthorpe	14	10	4	-	-	-	-	14	-	9	2	3	11	11	-
Bawtry	7	3	1	-	1	2	-	7	-	3	2	1	6	4	2
Blaxton	5	3	-	-	1	1	-	5	-	1	4	1	4	4	-
Braithwell	9	3	3	-	2	1	-	9	-	1	5	4	5	5	-
Brodsworth	4	4	-	-	-	-	-	4	-	1	-	2	2	1	1
Burghwallis	3	1	-	-	-	2	-	3	-	1	2	3	-	-	-
Cadeby	2	-	-	-	1	-	-	1	-	-	1	1	1	-	1
Cantley	11	9	-	-	2	-	-	11	-	1	-	1	10	3	7
Key to Abbreviations: D/O Demolition Order. C/O Closing Order. C/A Clearance Area. U/T Undertakings in lieu of demolition order. VOL. Voluntarily.															
NOTE: Where undertakings not to relet have been accepted in lieu of a Demolition Order, the houses have been treated as closed.															

Key to Abbreviations: D/O Demolition Order. C/O Closing Order. C/A Clearance Area. U/T Undertakings in lieu of demolition order. VOL. Voluntarily.

NOTE: Where undertakings not to relet have been accepted in lieu of a Demolition Order, the houses have been treated as closed.

PARISH	IN PRO- GRAMME to end of 1958	NUMBER OF HOUSES						Houses shown in Col. 2 already			RE-HOUSING				
		DEALT WITH BY					Still to be dealt with	Demol- ished	Clos- ed	Re- housing NOT required	Rehousing by Council				
		D/O	C/O	C/A	U/T	Vol.					In hand	TOTAL	Famili- es to rehouse	Already re- housed	Still to re- house
1	2	3	4	5	6	7	8	9	10	11	12	13	1	15	16
Conisborough	9	7	-	-	-	-	2	9	-	5	-	3	6	6	-
Denaby	4	4	-	-	-	-	-	4	-	4	-	1	3	3	-
Edlington	7	-	-	-	6	1	-	7	-	1	3	3	4	4	-
Hampole	8	7	1	-	-	-	-	8	-	-	-	1	7	-	7
Hooton Pagnell	1	-	-	-	-	1	-	1	-	-	1	1	-	-	-
Kirk Bramwith	2	2	-	-	-	-	-	2	-	1	-	-	2	2	-
Marr	4	3	1	-	-	-	-	4	-	-	-	2	2	-	2
Melton H.	2	2	-	-	-	-	-	2	-	-	-	-	2	2	-
Moss	1	1	-	-	-	-	-	1	-	1	-	1	-	-	-
Norton	31	11	2	12	5	-	-	30	1	21	7	9	22	21	1
Rossington	1	1	-	-	-	-	-	1	-	-	-	-	1	-	1
Sprotborough	7	4	3	-	-	-	-	7	-	2	3	-	7	7	-
Stainton	2	2	-	-	-	-	-	2	-	2	-	2	-	-	-
Thorpe-in-B.	2	1	-	-	1	-	-	2	-	1	-	2	-	-	-
Wadworth	8	7	1	-	-	-	-	8	-	4	1	2	6	3	3
Warmsworth	22	1	2	19	-	-	-	22	-	16	2	9	13	13	-
TOTALS	213	118	20	38	21	10	3	211	2	110	36	72	141	115	26

RENT ACT, 1957.

This Act came into force on the 6th July, 1957. The following matters were dealt with during 1958.

Applications for Certificates of Disrepair.

(1)	Number of applications for certificates	63
(2)	Number of decisions not to issue certificates	Nil
(3)	Number of decisions to issue certificates	
	(a) in respect of some but not all defects	36
	(b) in respect of all defects	17
(4)	Number of undertakings given by landlords under paragraph 5 of the First Schedule	30
(5)	Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule	Nil
(6)	Number of Certificates issued	28

In addition, numerous enquiries from householders have been satisfactorily answered. Property owners have been co-operative inasmuch that it has not been necessary to resort to the Court to make a decision on any case.

MOVEABLE DWELLINGS

PUBLIC HEALTH ACT, 1936 - SECTION 269.

WEST RIDING COUNTY COUNCIL (GENERAL POWERS) ACT, 1951 - SECTION 95.

Fifty seven licences under the Public Health Act, 1936 were in force at the end of 1958. Eighteen of these are on two privately owned sites, the remainder being dotted about in ones and twos, mainly within the curtilage of dwelling houses where services are available.

The Council are considering the purchase of two plots of land to be developed and controlled as permanent caravan sites. There is an urgent need for these sites as the number of caravan dwellers increases each year.

Action under the West Riding County Council (General Powers) Act, 1951 has been taken to control the gipsy, scrap iron and rag collector type of caravan dweller, who use the grass verges of the country lanes, leaving a nuisance wherever they settle.

The West Riding Constabulary have been very co-operative in dealing with these roving merchants, who periodically invade the area. One further site was "Zoned" in the parish of Brodsworth.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

Report for 12 Months ended 31st March, 1959.

		Type of Property				(5) Agric- ultural
		Non-Agricultural				
		(1) Local Authority	(2) Dwelling Houses (inc. Council houses)	(3) All other (including Business premises)	(4) Total of Cols. (1) (2) & (3)	
I.	Number of properties in Local Authority's District.	37	17166	1711	18914	720
II.	Number of properties inspected as a result of:					
	(a) Notification	-	341	81	422	-
	(b) Survey under the Act	28	-	-	28	326
	(c) Otherwise (e.g. when visited primarily for some other purpose.	-	-	-	-	-
III.	Total inspections carried out, including re-inspections.	576	1109	317	2002	616
IV.	Number of properties inspected (in Sec. II) which were found to be infested by:					
	(a) Rats (Major	-	-	-	-	-
	(Minor	28	328	74	430	75
	(b) Mice (Major	-	-	-	-	-
	(Minor	-	13	7	20	-
V.	Number of infested properties (in Sec. IV) treated by the L. A.	28	341	81	450	75
VI.	Total treatments carried out - including re-treatments.	576	1109	305	1990	289

In March 1958, the Ministry of Agriculture, Fisheries and Food informed the Council that it had been decided that the rat and mouse contract service operated formally by Agricultural Executive Committees and now by the Ministry's organisation, would run down over the next twelve months. The Minister requested local authorities to ensure a smooth adjustment to the new conditions by reviewing their present arrangements. Lists of farm contracts with dates of expiration were obtained and all farmers were circularised informing them of the terms and conditions under which the Council would undertake the work of rat destruction.

Requests for contracts have been disappointing. Probably as the contracts expire in March 1959, the number will increase. The Council has authorised the appointment of an additional rodent operative when the necessity arises. Conditions in the area are good, all treatments carried out being for minor infestations.

Two rodent operatives are engaged full time on the work of rat and mouse destruction.

SECTION "E".

SUPERVISION OF FOOD SUPPLY.

THE SLAUGHTERHOUSES ACT, 1958.

SLAUGHTERHOUSES (HYGIENE) REGULATIONS, 1958.

SLAUGHTER OF ANIMALS ACT, 1958.

Ten slaughterhouses were licensed in the following parishes:

Armthorpe 1, Bawtry 2, Barnby Dun with Kirk Sandall 2, Braithwell 1, Hooton Pagnell 1, Norton 2 and Wadworth 1.

One butcher's business was closed for non-compliance with the Food Hygiene Regulations. The slaughterhouse attached to the premises is not now licenced.

Owing to the changed legislation relating to slaughterhouses and slaughtering it is certain that the number of slaughterhouses in the area will be reduced by next year.

1064 bovines, 1537 sheep and 978 pigs were slaughtered during the year. All carcasses and organs were examined at the time of slaughter or shortly afterwards. Tradesmen have been very co-operative in the execution of the work.

There are thirty three licensed slaughtermen on the register of the Slaughter of Animals Acts, 1958.

The Cash Captive Bolt is the instrument in general use for the stunning of animals.

The following table gives details of the types of animals slaughtered and the percentage found affected with (1) tuberculosis and (2) other diseases.

A further table gives lists of meat condemned as unfit for human consumption, the type of animal from which the meat was derived and the diseases which rendered the meat unsound.

The methods of disposal are by deep burying in the case of small amounts, and carcasses and parts of carcasses to the knacker's yard for processing, after being coloured with naphthalene green G.S. dye.

MEAT INSPECTION DURING THE PERIODS SHOWN, GIVING NUMBERS
OF ANIMALS INSPECTED AND THE PERCENTAGE DISEASED.

From	To	BEASTS			COWS			SHEEP			PIGS		
		No. Ins.	% Diseased		No. Ins.	% Diseased		No. Ins.	% Diseased		No. Ins.	% Diseased	
			T.B.	Other		T.B.	Other		T.B.	Other		T.B.	Other
1. 1.58.	10. 1.58.	18	-	33.3 (6)	4	-	-	40	-	-	23	-	4.35 (1)
11. 1.58.	8. 2.58.	65	4.61 (3)	10.76 (7)	27	29.62 (8)	11.11 (3)	154	-	0.65 (1)	100	1.00 (1)	-
9. 2.58.	8. 3.58.	55 1 calf	1.78 (1)	8.95 (5)	19	42.10 (8)	5.26 (1)	98	-	1.02 (1)	81	-	2.47 (2)
9. 3.58.	12. 4.58.	70 2 calves	13.88 (1)	4.16 (3)	26	26.91 (7)	11.53 (3)	137	-	-	93	8.60 (8)	-
13. 4.58.	17. 5.58.	68	8.82 (6)	10.29 (7)	34	29.41 (10)	2.94 (2)	149	-	-	83	-	29.41 (1)
18. 5.58.	14. 6.58.	54 1 calf	1.82 (1)	9.09 (5)	25	44.0 (11)	4.0 (1)	90	-	1.11 (1)	54	1.85 (1)	1.85 (1)
15. 6.58.	12. 7.58.	49	2.04 (1)	6.12 (3)	28	25.0 (7)	2.57 (1)	132	-	-	65	-	-
13. 7.58.	9. 8.58.	49 2 calves	9.80 (5)	9.80 (5)	29	31.03 (9)	6.89 (2)	131	-	-	48	4.16 (2)	2.08 (1)
10. 8.58.	13. 9.58.	70 1 calf	2.81 (2)	8.45 (6)	32	31.25 (10)	6.25 (2)	165	-	-	70	1.43 (1)	-
14. 9.58.	11. 10.58.	57 1 calf	8.62 (5)	8.62 (5)	31	16.13 (5)	9.68 (3)	96	-	-	67	-	-
12. 10.58.	8. 11.58.	57	7.02 (4)	7.02 (4)	29	48.27 (14)	6.89 (2)	127	-	-	84	-	-
9. 11.58.	6. 12.58.	53	-	1.88 (10)	37	2.97 (11)	10.81 (4)	118	-	6.78 (8)	93	4.30 (4)	1.07 (1)
7. 12.58.	31. 12.58.	45 1 calf	4.34 (2)	13.04 (6)	24	25.0 (6)	12.5 (3)	100	-	4.0 (4)	117	5.98 (7)	2.56 (3)
TOTALS		710 + 9 calves	4.31 (31)	10.01 (72)	345	30.72 (106)	7.82 (27)	1537	-	0.97 (15)	978	2.45 (24)	1.02 (10)

DETAILS OF MEAT CONDEMNED.

BEASTS (excluding Cows).

<u>Details</u>	<u>No.</u>	<u>Weight</u>			
		<u>Tons</u>	<u>Cwts.</u>	<u>Qrs.</u>	<u>Lbs.</u>
Whole carcase (septicaemia and bruising)	1	-	3	2	24
Whole carcase (peritonitis and fever)	1	-	4	1	14
Whole carcase (acute fever and ill bled)	1	-	6	1	-
Fores beef (bruising)	6	-	6	1	12
Part fores (bruising and pleurisy)	2	-	1	3	24
Hindquarters (bruising)	1	-	-	1	-
Part hinds (severe bruising)	1	-	-	1	12
Head and tongue (actinomycosis)	4	-	-	3	16
Head and tongue (TB)	19	-	4	-	27
Head (abscesses)	1	-	-	-	14
Tongue (glossitis)	1	-	-	-	4
Liver (distoma hepatitis)	6	-	-	3	-
Liver (abscesses)	27	-	3	1	4
Liver (parasites)	4	-	-	2	-
Liver (multiple growths)	1	-	-	-	14
Liver (TB)	3	-	-	1	14
Liver (cirrhosis)	4	-	-	2	-
Liver (necrosis)	1	-	-	-	14
Part liver (fluke)	4	-	-	-	15
Part liver (parasites)	6	-	-	1	12
Part liver (cirrhosis)	2	-	-	-	11
Part liver (necrosis)	3	-	-	-	9
Lungs (TB)	20	-	2	-	16
Lungs (abscesses)	2	-	-	-	24
Lungs (parasites)	1	-	-	-	14
Lungs (pleurisy)	4	-	-	2	-
Spleen (peritonitis)	2	-	-	-	4
Heart (pericarditis)	2	-	-	-	6
Heart (endocarditis)	1	-	-	-	3
TOTALS		1	17	3	27

COWS

<u>Detail</u>	<u>No.</u>	<u>Tons</u>	<u>Weight</u>		<u>Lbs.</u>
			<u>Cwts</u>	<u>Qrs.</u>	
Whole carcass and offal (general TB)	1	-	6	-	20
Part fores and hinds (decomposition)	2	-	-	3	16
Part hinds (peritonitis)	1	-	-	-	5
Forequarters (TB)	2	-	3	1	16
Part fores (TB)	6	-	1	3	3
Head and tongue (TB)	42	-	8	3	20
Liver (TB)	1	-	-	-	14
Liver (parasites)	3	-	-	1	8
Liver (abscesses)	14	-	1	3	-
Liver (angioma)	4	-	-	2	-
Liver (hepatitis)	5	-	-	2	14
Liver (cirrhosis)	6	-	-	3	-
Lungs (pleurisy)	2	-	-	1	-
Lungs (TB)	87	-	10	3	14
Skirt (TB)	1	-	-	-	2
TOTALS	177	1	16	1	20

SHEEP

<u>Detail</u>	<u>No.</u>	<u>Tons</u>	<u>Weight</u>		<u>Lbs.</u>
			<u>Cwts.</u>	<u>Qrs.</u>	
Whole carcass (ill bled and emaciated)	1	-	-	2	-
Whole carcass (bad bleeding and moribund)	1	-	-	1	27
Liver (parasites)	11	-	-	-	22
Lungs (abscesses)	1	-	-	-	1½
Pluck (degenerated cysts)	1	-	-	-	3
TOTALS	15	-	1	-	25½

PIGS

Detail	No.	Weight		
		Tons	Cwts	Qrs. Lbs.
Casualty (acute erysipelas and oedema)	1	-	-	2 24
Casualty (rheumatism in knee joint)	1	-	-	2
Head (TB)	20	-	2	9
Liver (cirrhosis)	1	-	-	4
Liver (parasites)	2	-	-	7
Liver (necrosis)	1	-	-	4
Lungs (TB)	1	-	-	3
Hock (bruising)	1	-	-	4
Pluck (TB)	3	-	-	13
Pluck (parasites)	3	-	-	13
Mesentery (TB)	1	-	-	2
TOTALS	35	-	3	1 1

UNFIT FOOD 1958.

The following foodstuffs were found to be unfit for human consumption and voluntarily surrendered by the owners:

Bacon	256 $\frac{1}{4}$ lbs.	Tomato juice	6 tins
Sausages	74 lbs.	Self raising flour	6 lbs.
Butter	6 lbs.	Cooked meat	130 lbs. 6 oz.
Cake	89 $\frac{3}{4}$ lbs.	Tinned meat	949 lbs.
Jam	67 lbs.	Cheese	72 $\frac{1}{4}$ lbs.
Tomatoes	1227 tins	Chocolate rolls	7
Milk	289 tins	Plain flour	4 lbs.
Pickles	15 jars	Fruit	1967 tins
Meat pies	68 $\frac{1}{2}$	Coffee	25 bottles
Beef bundles	154	Pulses	806 tins
Steak and kidney pudding	2 tins	Chicken	9 tins
Strained foods	3 tins	Soup	230 tins
Lard	2 lbs.	Fish	389 tins
Miscellaneous	25 packets	Canned vegetables	6 tins
Spaghetti	17 tins	Canned potatoes	12 tins
Sugar	16 $\frac{1}{2}$ lbs	Eggs	110
Bovril	1 jar	Rice pudding	71 tins
Cheese parings	121 $\frac{1}{4}$ lbs.	Sauce	17 bottles
Apples	35 lbs.	Fish cakes	15
Small cakes	74	Other puddings	50
Carrots	7 tins	Fresh tomatoes	88 lbs.

MILK AND DAIRIES REGULATIONS, 1949-1954.

The following licences were in force at the end of the year:

Dealer's licence for the sale of :

Pasteurised Milk	19
Tuberculin tested milk	16
Sterilised milk	54

Supplementary licences for the sale of:

Pasteurised milk	6
Tuberculin tested milk	5
Sterilised milk	6

The Rural District forms part of a "Specified Area" as defined by the Food and Drugs Act, 1955.

ICE CREAM (HEAT TREATMENT, ETC.) REGULATIONS 1947-1952.

Thirteen samples were examined at the Public Health Laboratory. The results were classified as:

Grade 1	10
Grade 2	-
Grade 3	2
Grade 4	1

There are two manufacturers of ice cream and one hundred and seventeen shops where pre-packed ice cream is sold. Twenty three inspections were made of the premises.

FOOD POISONING.

See report of the Medical Officer of Health under infectious diseases.

FOOD AND DRUGS ACT, 1955 FOOD HYGIENE REGULATIONS, 1955.

One hundred and eighty eight premises are registered under Section 16 of the Food and Drugs Act, 1955. Storage and handling of food has been satisfactory and the high standard of cleanliness mentioned in last year's report has been maintained.

PUBLIC CLEANSING.

The whole district is served by a comprehensive direct labour scheme for the collection and disposal of household refuse, the cleansing of privies and pail closets, the emptying and disposal of contents of cesspools and the collection of salvage, and street sweeping in some of the populous parishes.

No additional charge over the general rate is made for any of the services, a practice which does not prevail in many areas; in fact, householders receive and even demand more than the ordinary service, particularly relating to the emptying of cesspools.

19,180 dustbins and 873 pail closets are emptied weekly. 230 privies receive monthly attention. The period for the emptying of the 1300 cesspools varies from one week to the recognised monthly service with a few exceptions where the cesspools are of a large capacity.

In addition, cesspool emptiers are periodically used for sludging out the sedimentation tanks at some of the smaller sewage disposal works.

The number of cesspools has increased again, ninety three new ones having been constructed during the year. Parts of the parishes of Auckley, Austerfield, Barnburgh, Braithwell, Cantley and Sprotborough where building developments are taking place, are all badly in need of sewerage and sewage disposal schemes.

Refuse Disposal.

The Council either own or rent seven refuse disposal sites each serving an area within reasonable access of the places of collection.

At Northfield Quarry, Armthorpe, a ten acre site owned by the Council, approximately eight acres have been levelled, soiled and put down to grass. This portion is now used as a playing field and controlled by the Parish Council of Armthorpe.

Four acres of low lying land near the Lake at Askern has been filled in, soiled and grassed over. School children now use it as a games field.

Transport.

The fleet of twenty vehicles is comprised of twelve side loading refuse collectors and one dustless loader, five motor vacuum - 750/800 gallon cesspool emptiers, one motor vacuum - 750 gallon tank, with special attachment for the cleansing of pails and one machine used for the collection of salvage and delivery of dustbins under the Council's scheme.

All the vehicles are of modern type. They are maintained in good condition by regular cleaning, greasing, painting and reconditioning as required. Two mechanics carrying out this work.

Public Cleansing Depot.

The lorries are garaged in a central depot at Sunnyside, Kirk Sandall, with the exception of two, one at Askern and one at Edlington. At the Depot there is a well designed workshop with adequate mechanical appliances for carrying out repairs.

Parts of the main building and the surrounding land are used as the Council's stores. Owing to the increased services, including the stocks required for housing purposes the Depot must be enlarged. Garage accommodation is totally inadequate.

Salvage.

Waste paper and textiles are sorted and mechanically baled at the Depot.

The amounts collected and sold during the year were:

T	C	Q	lbs.		£.	s.	d.
261	16	0	0	Waste paper	2236.	10.	10.
	16	1	0	Textiles	9.	12.	0.
9	0	1	0	Cullet	22.	10.	0.
TOTAL					£2268.	12.	10.

A bonus of £415. 3. 4. was shared amongst the workmen in the Public Cleansing Department.

Works Committee.

This Committee, comprised of three members of the Council and three representatives of the workmen, has continued to function on the best of terms throughout the year.

Wages and Conditions of Service as laid down by the Provincial Joint Council are complied with in every respect.

A five-day week of forty-four hours is worked. The recruitment of suitable labour has improved.

Details of Work Performed.

Population served	58,520
Total Collections	1,047,285
Average weekly collections	20,140
Miles travelled by vehicles	176,240
Gallons of sewage removed	9,647,575
Gallons of petrol and diesel consumed	21,166

I am, Ladies and Gentlemen,
Your obedient Servant,

A. REYNOLDS, C.S.I.B., M.A.P.H.I.
Chief Public Health Inspector and Cleansing
Superintendent.

PUBLIC HEALTH OFFICERS OF THE RURAL DISTRICT
COUNCIL

Chief Public Health Inspector and Cleansing Superintendent:

A. REYNOLDS, Cert. S.I.B., M.A.P.H.I., Certificate
for Inspectors of Meat and other Foods.
(Appointed August 1924).

Additional Public Health Inspectors:

No. 1 District - Edlington, Sprotborough, Warmsworth area:
E. K. SMITH, Cert. S.I.B., M.A.P.H.I., Certificate for
Inspectors of Meat and other Foods.
(Appointed April 1932).

No. 2 District - Armthorpe, Bawtry, Rossington area:
G. STEPHENSON, Cert. S.I.B., National Certificate in
Building.
(Appointed January 1951).

No. 3 District - Askern, Norton, Brodsworth area:
R. DURANT, Cert. S.I.B., M.A.P.H.I., Certificate for
Inspectors of Meat and other Foods, Certificate
of S.I.B. in Sanitary Science as applied to
Buildings and Public Works. National Certificate
in Building.
(Appointed September 1952).

P. A. GUMSLEY - Student Public Health Inspector.
(Appointed 23rd September 1957).

Public Cleansing Foreman and Disinfecting Officer:

G. BUCKLEY. Appointed November 1950.

Clerks:

J. A. HICKLING - Appointed 1st March, 1951.
MRS. A. BAXENDALE - Appointed 11th March, 1957.

Telephone Numbers:

Council Offices, Nether Hall, Doncaster. Doncaster 3427,
8 and 9.
A. Reynolds, 3 Armthorpe Lane, Barnby Dun. Barnby Dun
267.
E. K. Smith, 111 Sheffield Road, Warmsworth. Doncaster
53442.
R. Durant, 4 Rakes Lane, Loversall. Doncaster 53912.
G. Stephenson, 23 Stainforth Road, Barnby Dun. Barnby Dun
402.
Public Cleansing Depot, Kirk Sandall. Barnby Dun 258.

