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THE RURAL DISTRICT COUNCIL
OF SEDGEFIELD

ANNUAL
REPORT



of the
MEDICAL OFFICER OF HEALTH
for the
YEAR ENDING
31st DECEMBER, 1960.



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SEDGEFIELD RURAL DISTRICT COUNCIL.

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Vice-Chairman :

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(from 19/2/60)	.. A. E. Tills,
.. A. Innes.	* .. J. J. Williams.
.. G. H. Johnson.	.. J. F. Wilson.
.. Mrs. M. Kendall.	

*Members of the No. 10 Area Health Sub-Committee.

Public Health Officers and Staff of the Local Authority.

Medical Officer of Health, (Part-Time) :-

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Council Offices, Sedgefield, Stockton-on-Tees.
(Tel. Sedgefield 555).

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Inspector.

Public Health Inspectors :-

F. GARDNER, M.A.P.H.I., Certified Meat and Food Inspector.

E. M. PETCH, M.A.P.H.I., Certified Meat and Food Inspector.

Assistant to Public Health Inspectors :-

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E. A. GALLAGHER.

Mrs. E. M. NOBBS (Part-time from 25/7/1960).

COUNCIL OFFICES,

SEDGEFIELD,

STOCKTON-ON-TEES.

Mr. Chairman, Ladies and Gentlemen,

I have the honour of presenting to you the 83rd annual report on the health and sanitary circumstances of your district for the year 1960.

An analysis of the vital statistics is included in the report and contains nothing of significance to which attention need be directed in this introductory letter. The position in regard to infectious disease can be viewed with some satisfaction as not only was the incidence low as compared with the previous year, but, with the exception of one case of poliomyelitis which was not of great severity, no case of serious infectious disease occurred.

The services provided in connection with environmental health were maintained and further progress was made in the building of new houses and the repair or demolition of unfit property. The year could be summed up as one of steady progress.

In conclusion, I wish again to thank the Council and the Clerk of the Council and his staff for their continued courtesy and co-operation, and to thank Mr. Curry, the Senior Public Health Inspector, and the staff of the Health Department for their willing assistance given throughout the year.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

M. W. RODGERS,

Medical Officer of Health.

GENERAL STATISTICS.

Area: 39,005 acres.

Population: 36,300.

Number of inhabited houses: 11,196.

Rateable Value: £342,785.

Sum represented by penny rate: £1,428 (at 1st April, 1961).

Comparability Factors.

Births: 1.04. Deaths: 0.97.

Main Industries and Employment.

The industrial structure of the area remained unchanged, the chief industries being: Coal mining, coke ovens and by-products, limestone quarrying, hospital and public transport services, building, agriculture, dress manufacturing and general engineering.

It is difficult to assess the employment situation of the district because the district itself is not coterminous with the area of any particular employment exchange but is covered by the exchanges at Spennymoor, Stockton and Wingate between them. Generally speaking, however, the number of unemployed showed a slight decrease towards the end of the year although a series of redundancies occurred at certain collieries in the area, involving a substantial number of men. Some of these workers were placed in alternative mining employment whilst others became unemployed and, with the exception of a number of the younger men in this category, remained so at the end of the year.

Employment opportunities for women, for girls and for the younger men at neighbouring factories continued throughout the year but local prospects for the older and unskilled workers were poor.

VITAL STATISTICS.

Births—Live Births.				Male.	Female.	Total.
Legitimate	...	...		290	263	553
Illegitimate	...	...		10	7	17
				<hr/> 300	<hr/> 270	<hr/> 570

Live Birth Rate per 1,000 of the estimated population: 16.33.

Still births.				Male.	Female	Total.
Legitimate	...	...		3	10	13
Illegitimate	...	...		—	—	—
				<hr/> 3	<hr/> 10	<hr/> 13

Still Births per 1,000 live and still births: 22.29.

				Male.	Female.	Total.
Total Births (live and still)	...	...		303	280	583

INFANT DEATHS.

Deaths of Infants under 1 year:				Male.	Female.	Total.
Legitimate	...	...		12	4	16
Illegitimate	...	...		—	1	1
				<hr/> 12	<hr/> 5	<hr/> 17

Deaths of Infants under 4 weeks (Neonatal).

				Male.	Female.	Total.
Legitimate	...	...		4	2	6
Illegitimate	...	...		—	1	1
				<hr/> 4	<hr/> 3	<hr/> 7

Deaths of Infants under 1 week.				Male.	Female.	Total.
Legitimate	...	...		4	2	6
Illegitimate	...	...		—	—	—
				<hr/> 4	<hr/> 2	<hr/> 6

Infant mortality rate per 1,000 live births.	Total	...	29.82
Infant mortality rate per 1,000 live births.	Legitimate	...	28.94
Infant mortality rate per 1,000 live births.	Illegitimate	...	58.83
Neo-natal mortality rate per 1,000 live births	...	...	12.28
Early Neo-natal mortality rate (1st week) per 1,000 live births	...	...	10.53
Peri-natal mortality rate per 1,000 total live and still births			32.59
Illegitimate live births per cent. of total live births	...		2.98

DEATHS.

Male: 244. Female: 255. Total: 499.

Date Rate per 1,000 of the population: 13.3.

Table of Rates as compared with England and Wales—

	Sedgefield R.D.	England and Wales.
Live birth rate per 1,000 population ...	16.33	17.1
Still birth rate per 1,000 total live and still births	22.29	19.7
Infant mortality rate per 1,000 live births...	29.82	21.9
Neo-natal mortality rate per 1,000 live births	12.28	15.6
Peri-natal mortality rate per 1,000 total live and still births	32.59	32.9
Maternal mortality rate excluding abortion	Nil.	0.31
Maternal mortality rate due to abortion ...	Nil.	0.08
Total maternal mortality	Nil.	0.39
Death rate per 1,000 population (all ages)	13.3	11.5

**Table of Birth Rates and Death Rates for the past 20 years
(1941—1960) as compared with Rates for England and Wales.**

Year.	General Death Rate.		Infantile Mortality Rate.		Total Birth Rate.	
	Sedgefield	England and Wales	Sedgefield	England and Wales	Sedgefield	England and Wales
1941	10.78	12.9	73	59	17.80	15.70
1942	9.71	11.6	71.80	49	19.44	16.34
1943	10.53	12.1	65.30	49	18.45	17.01
1944	10.73	11.6	48.74	46	21.61	18.11
1945	9.96	11.4	58.29	46	20.56	16.56
1946	10.65	11.5	45.80	43	20.59	19.63
1947	10.33	12.0	37.70	41	20.54	21.00
1948	10.25	10.8	47.69	34	18.20	18.32
1949	10.68	11.7	63.04	32	17.41	17.09
1950	11.26	11.6	33.51	29.8	16.91	16.17
1951	12.28	12.5	35.27	29.6	17.31	15.86
1952	11.03	11.3	34.2	27.6	18.48	15.3
1953	16.02	11.4	32.6	26.8	16.59	15.85
1954	15.76	11.3	25.39	25.5	*14.19	*15.2
1955	15.94	11.7	23.5	24.9	*15.3	*15.0
1956	13.50	11.7	24.95	23.8	*15.6	*15.7
1957	12.6	11.5	38.4	23.1	*16.5	*16.1
1958	12.26	11.7	28.86	22.6	*16.96	*16.4
1959	13.2	11.6	24.5	22.2	*16.4	*16.5
1960	13.3	11.5	29.82	21.9	*16.33	*17.1

* Live birth rate.

ANALYSIS OF STATISTICS

The population increased from 36,290 in 1959 to 36,300 in the year under review.

The area comparability factors make allowances for boundary changes and for differences in age and sex distribution and, in addition, the death area comparability factor takes account of the presence of residential institutions. The use of these factors makes the rates comparable with the crude birth and death rates for England and Wales and with similarly adjusted rates for other districts.

Comparability factors for your district are:

Births: 1.04. Deaths: 0.97.

Live Births.

The number of live births was 570, equal to a rate of 15.7 per 1,000 of the population. The adjusted birth rate in accordance with the comparability factor supplied by the Registrar General is 16.3. This is slightly lower than the adjusted rate for the previous year.

Still Births.

There was an increase of one in the number of still births as compared with the previous year, giving a correspondingly higher rate and one above the rate for the country.

Deaths of Infants under 1 year.

I regret to report an increase in the number of infant deaths as compared with the previous year. This resulted in an increased rate—29.8 as compared with 24.5—and one above the rate for England and Wales. The majority of infant deaths usually occur in the first year of life, but a scrutiny of the table below shows that for 1960 more deaths occurred after the neonatal period. It will be noted, however, that five of the deaths in the older age group were due to causes usually associated with neonatal deaths.

				<i>Male.</i>	<i>Female.</i>
Under 1 week	...	...	...	4	2
1 week and under 2 weeks	...	...	...	—	1
2 weeks and under 3 weeks	...	...	...	—	—
3 weeks and under 4 weeks	...	...	...	—	—
				<hr/> 4	<hr/> 3
Over 4 weeks	...	...	...	8	2

CAUSES OF DEATH—

				Under 4 wks.		Over 4 wks.	
				M.	F.	M.	F.
Prematurity	...	...	...	1	2	—	—
Atelectasis with prematurity	...	...	...	2	—	—	—
Congenital malformations	...	...	...	1	1	4	—
Birth injury	...	...	...	—	—	1	—
Pneumonia	...	...	...	—	—	3	1
Bronchitis	...	...	...	—	—	—	1

DEATHS — ALL AGES

The number of deaths registered in your district after correction for inward and outward transfers was 499, equal to a rate of 13.7 per 1,000 population. The adjusted death rate in accordance with the comparability factor supplied by the Registrar General is 13.3. This adjusted rate is slightly higher than the similarly adjusted rate for 1959 and, as has been the case since 1953, is above the rate for the country.

Causes of Death.

	<i>Percentage</i>	
	<i>Male</i>	<i>Female of total.</i>
Tuberculosis, respiratory ...	2	2 .80
" Non-respiratory ...	—	2 .40
Syphilitic disease ...	—	—
Diphtheria ...	—	—
Whooping cough ...	—	—
Meningococcal infection ...	—	—
Acute poliomyelitis ...	—	—
Measles ...	—	—
Other infective and parasitic diseases	—	—
Malignant neoplasm, stomach ...	15	8 4.61
" " lungs, bronchus ...	8	1 1.81
" " breast ...	—	3 .60
" " uterus ...	—	4 .20
Other malignant and lymphatic neoplasms ...	15	18 6.61
Leukaemia, aleukaemia ...	1	— .20
Diabetes ...	2	4 1.20
Vascular lesions of nervous system	24	46 14.03
Coronary disease, angina ...	49	38 17.43
Hypertension with heart disease ...	7	6 2.60
Other heart disease ...	32	50 16.43
Other circulatory disease ...	7	17 4.81
Influenza ...	—	—
Pneumonia ...	13	17 6.01
Bronchitis ...	13	6 3.81
Other diseases of respiratory system	2	2 .80
Ulcer, stomach and duodenum ...	2	— .40
Gastritis, enteritis and diarrhoea ...	—	—
Nephritis and nephrosis ...	1	1 .40
Hyperplasia of prostate ...	4	— .80
Pregnancy, childbirth, abortion ...	—	—
Congenital malformations ...	6	2 1.60
Other defined and ill-defined diseases	19	16 7.01
Motor Vehicle accidents ...	7	— 1.40
All other accidents ...	10	12 4.40
Suicide ...	5	— 1.00
Homicide and operations of war ...	—	—
ALL CAUSES	244	255

Comparative table of rates for certain diseases.

	Sedgefield R.D. (per 1,000 population).	England and Wales.
Deaths, all causes	13.3	11.5
Cancer, lungs and bronchus	0.2479	0.481
All other cancer	1.46	1.676
Vascular lesions of nervous system	1.928	1.67
Coronary disease, angina	2.396	2.01
Hypertension with heart disease	0.358	0.25
Other heart disease	2.259	1.55
Other circulatory diseases	0.66	0.53
Tuberculosis, respiratory	0.1103	0.068
Tuberculosis, other forms	0.055	0.007
Influenza	—	0.024
Acute poliomyelitis	—	0.000
Pneumonia	0.8264	0.53

Age Groups of Deaths.

Under 4 wks.		4 wks.—		1 yr.—		5 yrs.—		10 yrs.—		15 yrs.—		20 yrs.—	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
4	3	8	2	2	—	1	—	—	—	2	—	1	—
25 yrs.—		30 yrs.—		35 yrs.—		40 yrs.—		45 yrs.—		50 yrs.—		55 yrs.—	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	—	1	2	4	3	5	6	4	10	12	9	23	16
60 yrs.—		65 yrs.—		70 yrs.—		75 yrs.—		80 yrs.—		85 yrs.—		90 yrs. and over.	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
22	18	36	31	26	43	53	47	25	35	9	20	6	10

The table giving causes of deaths and the percentage of deaths due to individual diseases shows that more than half of the total were due to diseases of heart and arteries. The largest single cause of death was coronary disease, with other heart diseases second. The third largest cause was malignant disease. There was a considerable drop in the number of deaths from cancer of the lung, and a very small decrease in the number due to all other forms of cancer.

The table comparing the death rates for your district for certain diseases with those for England and Wales shows that for cancer the rates are lower.

Approximately 38 per cent. of all male deaths and 44 per cent. of all female deaths occurred at ages 75 years and upwards.

MALIGNANT NEOPLASMS.

	Under 25		25 and under 35.		35 and under 40.		40 and under 45.		45 and under 50.		50 and under 55.		55 and under 60.		60 and under 65.		65 and under 70.		70 and under 75.		75 and over.		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Stomach ...	—	—	—	—	—	—	—	—	—	—	2	—	2	—	2	2	2	1	2	2	6	3	16	8
Lung & Bronchus	—	—	—	—	—	—	—	—	—	—	2	—	—	—	3	—	—	—	1	—	—	—	8	—
Breast ...	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	1	—	—	3
Uterus ...	—	—	—	—	—	—	—	2	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	5
Buccal cavity and Pharynx ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Digestive organs other than stomach	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	3	1	—	4	—	—	7	4
Respiratory system other than lung ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Genito-urinary organs other than uterus ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	1	2	1	3	3
Other Sites ...	—	—	—	—	—	—	—	—	1	—	—	—	—	1	1	—	1	1	1	1	—	2	4	6
TOTALS ...	—	—	—	—	—	—	—	3	1	—	4	4	2	3	6	4	8	3	5	4	12	8	38	30

NOTIFIABLE DISEASES

No epidemic occurred during the year which resulted in a total of notifications less than one-seventh of the number received during the previous year, when measles reached epidemic proportions.

The only infectious disease which increased in incidence was scarlet fever, but all cases were mild and none required admission to hospital.

One case of paralytic poliomyelitis occurred in a child who had not been vaccinated against the disease.

Information was received from the School Medical Department of children absent from school because of jaundice. Investigations were made with a view to establishing whether there was any connection between the jaundice and previous inoculations, but the cases turned out to be the usual acute infectious hepatitis which is not a notifiable disease and nothing significant was found in the course of the enquiries.

Investigations were also made in the case of children absent from school because of gastro-enteritis. In all these cases bacteriological examination gave negative results.

				England and Wales	Sedgefield Rural District
				(Rates per 1,000 Population).	
NOTIFICATIONS:— (Corrected)					
Scarlet Fever	...	...	...	0.70	0.77
Whooping Cough	...	...	...	1.268	0.138
Erysipelas	...	...	...	0.065	0.028
Measles	...	...	...	3.482	0.798
Pneumonia	...	...	...	0.317	0.165
Poliomyelitis, Paralytic	...	...	...	0.006	0.028
Poliomyelitis, Non Paralytic	...	...	...	0.003	—
Food Poisoning	...	...	...	0.169	0.028
Dysentery	...	...	...	0.945	0.055
Tuberculosis, Respiratory	...	...	...	0.462	0.303
" Meninges and C.N.S.	...	...	...	0.004	0.028
" Other	...	...	...	0.058	0.055

A Dash (—) Signifies a Nil Return.

NOTIFIABLE DISEASES

Table of cases as notified in the whole district set out in age groups.

Disease.	At all Ages.		Under 1		1 & 2		3 & 4		5 - 9		10 - 14		15 - 24		25 - 44		45 - 64		65 and over.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Scarlet Fever ...	13	15	—	1	—	1	1	1	3	5	9	7	—	—	—	—	—	—	—	—
Whooping Cough ...	3	2	—	—	—	—	1	—	2	1	—	—	1	—	—	—	—	—	—	—
Measles ...	14	15	1	2	3	5	—	3	10	3	—	2	—	—	—	—	—	—	—	—
Poliomyelitis—Paralytic	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis—Respiratory	6	5	—	—	—	—	—	—	—	—	—	—	1	2	3	2	1	—	—	—
Meninges & C.N.S.	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Forms	1	1	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Dysentery ...	3	3	1	—	—	—	—	1	—	1	—	—	—	1	—	—	—	—	—	—
Diphtheria ...	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Pneumonia ...	5	1	—	—	—	—	—	—	—	—	—	—	—	—	3	—	1	—	1	1
Food Poisoning ...	*1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
TOTALS	47	45	2	3	4	6	3	6	15	10	10	10	1	4	7	3	4	2	1	1

*The patient in this case, which was notified from a hospital within the district, was not a resident of the area.

NOTIFIABLE DISEASES

Table of cases after correction in the whole district set out in age groups.

Disease.	At all Ages.		Under 1		1 & 2		3 & 4		5 - 9		10 - 14		15 - 24		25 - 44		45 - 64		65 and over.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Scarlet Fever ...	13	15	—	1	—	1	1	1	3	5	9	7	—	—	—	—	—	—	—	—
Whooping Cough ...	3	2	—	—	—	—	1	1	2	1	—	—	1	—	—	—	—	—	—	—
Measles ...	14	15	1	2	3	5	—	3	10	3	—	2	—	—	—	—	—	—	—	—
Poliomyelitis—Paralytic	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis—Respiratory	6	5	—	—	—	—	—	—	—	—	—	—	1	2	3	2	2	1	—	—
Meninges & C.N.S.	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Forms	1	1	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Dysentery ...	—	2	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—
Pneumonia ...	5	1	—	—	—	—	—	—	—	—	—	—	—	—	3	—	1	—	1	1
Food Poisoning ...	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
TOTALS	44	43	1	3	4	6	3	6	15	10	10	9	1	3	6	3	3	2	1	1

Table of Confirmed Cases of Infectious Diseases by Parishes.

PARISH.	Scarlet Fever.	Whooping Cough.	Measles.	Polio-myelitis.		Tuberculosis.			Dysentery.	Pneumonia.	Food poisoning.	Erysipelas	TOTALS
				Paralytic.	Non-paralytic.	Respiratory.	Meninges.	Other forms.					
Bishop Middleham	1	1	1	1	1	1	1	1	1	1	1	1	1
Bradbury	1	1	1	1	1	1	1	1	1	1	1	1	1
Butterwick	1	1	1	1	1	1	1	1	1	1	1	1	1
Chilton	1	1	1	1	1	1	1	1	1	1	1	1	1
Cornforth	1	1	1	1	1	1	1	1	1	1	1	1	1
Elstob	1	1	1	1	1	1	1	1	1	1	1	1	1
Embleton	1	1	1	1	1	1	1	1	1	1	1	1	1
Ferryhill	1	1	1	1	1	1	1	1	1	1	1	1	1
Fishburn	1	1	1	1	1	1	1	1	1	1	1	1	1
Foxton and Shotton	1	1	1	1	1	1	1	1	1	1	1	1	1
Mainsforth	1	1	1	1	1	1	1	1	1	1	1	1	1
Mordon	1	1	1	1	1	1	1	1	1	1	1	1	1
Preston-le-Skerne	1	1	1	1	1	1	1	1	1	1	1	1	1
Sedgefield	1	1	1	1	1	1	1	1	1	1	1	1	1
Stillington	1	1	1	1	1	1	1	1	1	1	1	1	1
Trimdon	1	1	1	1	1	1	1	1	1	1	1	1	1
Windlestone	1	1	1	1	1	1	1	1	1	1	1	1	1
Woodham	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTALS	28	5	29	1	—	11	1	2	2	6	1	1	87

TUBERCULOSIS.

New Cases and Mortality during 1960.

Age Groups			New Cases.				Deaths.			
			Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
			Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	...	—	—	—	—	—	—	—	—	
1—5	...	—	—	2	—	—	—	—	—	
6—10	...	—	—	—	—	—	—	—	—	
11—15	...	—	—	—	—	—	—	—	—	
16—20	...	1	—	—	—	—	—	—	—	
21—25	...	—	2	—	—	—	—	—	—	
26—35	...	—	1	—	1	—	—	—	—	
36—45	...	2	1	—	—	1	2	—	—	
46—55	...	1	1	—	—	—	—	—	1	
56—65	...	2	—	—	—	—	—	—	—	
66and over	...	—	—	—	—	1	—	—	1	
			6	5	2	1	2	2	—	2
			11		3		4		2	
			14				6			

The number of tuberculosis notifications during the year under review was the same as the previous year.

Respiratory tuberculosis caused four deaths during 1960 as against three in 1959. There were two deaths from non-respiratory tuberculosis during the year as compared with none for the previous year.

Tuberculosis Mortality Rate.

	1955	1956	1957	1958	1959	1960
Respiratory ...	0.19	0.11	0.19	0.11	0.08	0.11
Non-Respiratory ...	0.03	0.03	Nil.	0.028	Nil.	0.05

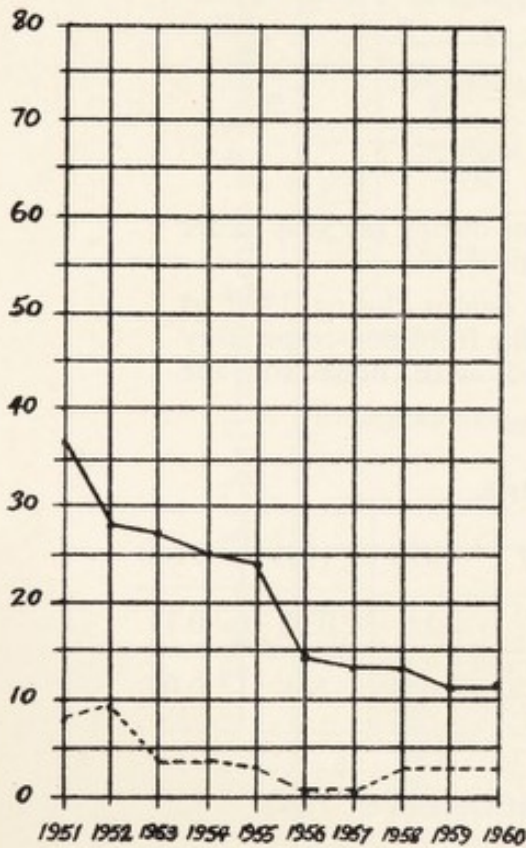
Number of Cases on Register as at 31st December, 1960.

Respiratory.			Non-Respiratory.			Total cases
Male	Female	Total	Male	Female	Total	
89	78	167	23	22	45	212

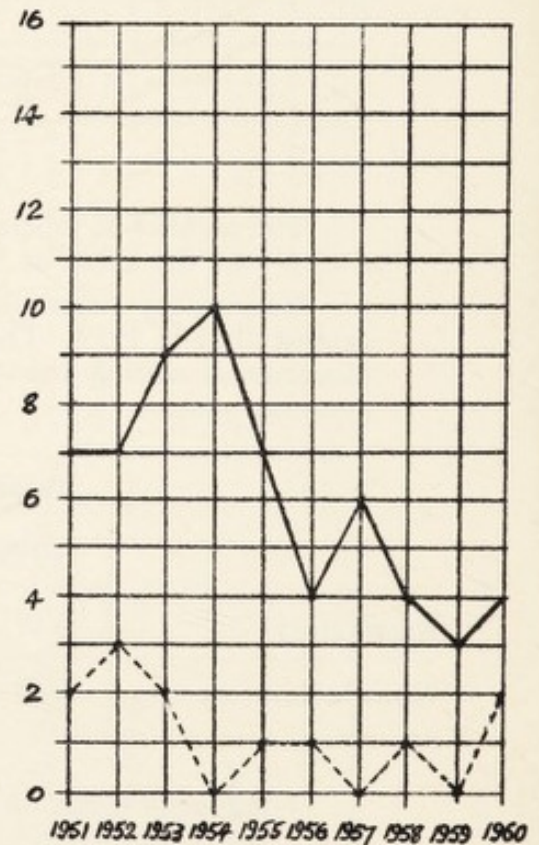
Table and Graphs showing new cases and mortality during the past 10 years.

Year	New Cases				Mortality			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	M	F	M	F	M	F	M	F
1951	29	8	4	4	4	3	1	1
1952	12	16	3	6	5	2	1	2
1953	17	10	2	2	5	4	—	2
1954	9	16	3	1	6	4	—	—
1955	11	13	1	2	5	2	—	1
1956	9	5	—	1	4	—	—	1
1957	7	6	—	1	4	2	—	—
1958	11	2	1	2	3	1	1	—
1959	6	5	—	3	3	—	—	—
1960	6	5	2	1	2	2	—	2

NEW CASES



MORTALITY



RESPIRATORY —————
NON-RESPIRATORY - - - - -

MASS RADIOGRAPHY UNIT

Summary of Statistical Information.

Areas Visited: Chilton and Ferryhill.

Dates: 10th-14th October, 1960.

			Male.	Female.	Total.
Number X-rayed	...	...	350	457	807
Number referred to Chest Clinics	...		3	4	7
<i>Abnormalities Revealed—</i>					
Tuberculosis: Close supervision or treatment					
(a) Cases notified	...	...	1	—	1
(b) Cases not notified	...	...	—	—	—
Tuberculosis: Occasional supervision					
Malignant neoplasm					
	—	—	—
Non-malignant neoplasm					
	...		—	—	—
Lymphadenopathies					
	—	—	—
Sarcoids					
	—	—	—
Congenital cardiac					
	...	...	—	2	2
Acquired cardiac					
	...	...	5	2	7
Pneumoconiosis without P.M.F.					
	...		12	—	12
Pneumoconiosis with P.M.F.					
	..		—	—	—
Other conditions					
	...	...	8	4	12
Failed to attend for clinical examination					
	—	—	—
Cases not classified					
	—	—	—

FOOD POISONING OUTBREAKS.

Total number of outbreaks ...	...	Nil.
Number of cases ...	...	Nil.
Number of deaths ...	...	Nil.
Organisms or other agents responsible ...	...	Nil.
Foods involved, with number of outbreaks associated with each food		Nil.

SINGLE CASES

Number of cases ...	...	1
Number of deaths ...	...	Nil.
Organisms or other agents responsible :—		
Salmonella Typhi-murium ...		1

National Assistance Act, 1948—Section 47.

This section gives local authorities power to deal with certain cases of persons in need of care and attention which they are unable to provide for themselves and are not receiving from other people.

No statutory action was taken under this section during the year.

VACCINATION AND IMMUNISATION.

The numbers of persons vaccinated or immunised in the district for which records were received during 1960 are as follows :

Smallpox.

	Under 1 yr.	1 yr.	2-4 yrs.	5-14 yrs.	15 yrs. and over.	Total.
Vaccinated ...	176	3	4	2	14	199
Re-vaccinated	—	—	—	1	11	12

Diphtheria and Whooping Cough.

	Primary Immunisations				Re-inforcing Injections			
	Under 1	1-4	5-14	Total	Under 1	1-4	5-14	Total
Diphtheria and Whooping Cough	304	55	7	366	—	21	17	38
Diphtheria ...	8	3	37	48	—	21	15	36
Whooping Cough	—	1	—	1	—	—	—	—

Poliomyelitis.

	1st Injections	2nd Injections	3rd Injections
Children born 1943-1960 ...	148	179	1,371
Expectant Mothers ...	1	14	
Young Persons born 1933-1947	12	23	
Persons under 40 years born before 1933 ...	27	28	1,371
TOTALS ...	188	244	

In the above table on poliomyelitis vaccination, no account is taken of injections given at doctors' surgeries.

B.C.G. Vaccination.

Number skin tested ...	...	...	...	574
Negative reactors vaccinated ...	...	...	...	395
Positive reactors ...	...	...	...	130
Absent at time of reading ...	...	...	...	41
Not vaccinated owing to health reasons ...	...	...	...	8

BACTERIOLOGICAL REPORT

FAECES.

No. of Specimens.	Enteric. Positive.	Dysentery. Positive.	Food Poisoning. Positive.	Other Organisms. Positive.
70	Nil.	3	Nil.	Nil.

SPUTUM.

THROAT SWABS AND NASAL SWABS.

No. of Specimens.	Tubercle. Positive.		No. of Specimens.	Beta Haemolytic Streptococci.	Diphtheria Bacilli.
10	9	Throat Swabs ...	7	Nil.	Nil.
		Nasal Swabs ...	2	Nil.	Nil.

WATER AND ICE CREAM.

	No. of Samples.	Class.			
		1	2	3	4
Water	11	7	—	—	4
Ice cream	10	6	2	—	2

Health Services administered in your area by the Local Health Authority.

COUNTY MEDICAL OFFICER—

Dr. G. Wilson, Shire Hall, Durham (Tel. Durham 4411).

ASSISTANT COUNTY MEDICAL OFFICER—

Dr. M. W. Rodgers, Council Offices, Sedgefield (Tel. Sedgefield 555).

Information on any of the services listed below may be obtained on application to the above-named.

WELFARE SERVICES

(a) **RESIDENTIAL ACCOMMODATION.**—Accommodation is provided for persons who by reason of age, infirmity, or other circumstances, are in need of care and attention which is not otherwise available to them. Although new accommodation is steadily being provided all available beds are occupied and there is a waiting list.

The position as regards persons of this district maintained by the County Council at residential hostels in 1960 was as follows:—

Males 21. Females 15.

In addition there were 12 persons on the waiting list, five males and seven females.

(b) **BLIND PERSONS.**—A comprehensive service is provided which includes medical examination, home visiting and teaching, assistance in obtaining suitable employment in workshops or at home, admission to homes for the blind, and general social welfare. A residential hostel, reserved for blind persons, is situated in Durham City.

Registered blind persons in this district during 1960 were as follows:—

Males 39. Females 35.

(c) **OTHER HANDICAPPED PERSONS.**—Certain welfare services are available for persons who are deaf and dumb, partially sighted, or substantially and permanently handicapped by illness, injury or congenital deformity. The numbers of registered persons in these categories from the Sedgefield Rural District are given below:—

	Male	Female
No. of Registered Partially-Sighted Persons ...	9	12
No. of Registered Deaf and Dumb Persons ...	30	13
No. of Registered Hard of Hearing Persons ...	58	17
No. of Registered Handicapped Persons ...	22	23

Domestic Help Service.

Domestic help is provided for households where such help is required owing to the presence of any person who is ill, an expectant mother, lying-in, mentally defective, aged or a child not over school age. A charge is normally made for this service, but in certain circumstances the charge may be reduced or remitted altogether.

No. of home helps employed	...	...	95
Cases attended 1st January, 1960	...	...	172
New cases during year	...	...	47
Cases terminated	...	...	44
Cases attended on 31st December, 1960	...	...	175

Number of Cases Provided During Year—

(a) Maternity (including expectant mothers)	...	1
(b) Tuberculosis	...	1
(c) Chronic sick (including aged and infirm)	...	216
(d) Others	...	1

Home Nursing.

The services of a home nurse are available anywhere in the County.

Visits made by district nurses in your district during 1960 were as follows:—

	Cases Visited.	No. of Visits.
(a) Medical cases	709	18,652
(b) Surgical cases	314	3,096
(c) Tuberculosis cases	21	1,146
(d) Maternal complications	1	11

Domiciliary Midwifery Service.

Names and addresses of the midwives available can be obtained from the child welfare centres or medical practitioners.

Births attended by County Midwives during the year were:—

Total births (live and still) (domiciliary)	...	190
Cases attended as midwife and nurse	...	190
Hospital patients discharged home before 14th day	...	75
Total cases attended	...	265

Health Visiting.

The health visitors visit persons in their homes for the purpose of giving advice on the care of young children, to expectant and nursing mothers, and to aged or ill persons, and to stress the measures necessary to prevent the spread of infection. They provide the link between the home and the County Health Department.

Visits made by Health Visitors:—

	No of Visits.
Maternity and Child Welfare	7,678
Tuberculosis	491
General Health	100
Mental Deficiency	262
School	840
Aged People	226

Ambulance Service.

The County Council provides a free ambulance service for persons in the area for whom ambulance transport is *necessary*. In an emergency any responsible person may summon an ambulance by telephone by asking to be connected to the nearest ambulance message receiving centre (no telephone number need be given). As a general rule, however, requests for the use of an ambulance should originate from hospitals, doctors, nurses, midwives, dentists or the police. A doctor in attendance may give a patient or a relative a note certifying in advance the need for ambulance transport and this certificate should be posted or taken to the nearest ambulance message receiving centre.

Relatives or friends of out-patients attending hospital for treatment cannot be carried except for some special reason, in which case an application to the County Medical Officer of Health, Shire Hall, Durham, will be considered sympathetically.

Number of journeys undertaken	...	...	4,210
Cases carried (a) stretcher cases	...	...	1,281
(b) sitting cases	...	...	12,031
Mileage covered	...	...	86,391

(It should be noted that these figures include patients from areas other than the rural district and that the conveyance of patients residing in the rural district is not restricted to Fishburn Depot, but may be undertaken by vehicles from other depots passing through the area).

Prevention of Illness, Care and After Care.

Nursing equipment is provided for sick persons at the request of medical practitioners, district nurses, and hospital almoners. Invalid chairs are also available and extra nourishment or bedding can be supplied to patients suffering from tuberculosis. A charge is normally made for this service, but in certain circumstances the charge may be reduced or remitted altogether.

A sound film projector and a film strip projector are available for the showing of films on health matters to selected audiences and the general public anywhere in the county.

Ninety patients in the rural district were supplied with a wide range of nursing equipment during the year.

Mental Health Service.

Services are available for children and young adults who are mentally sub-normal. There are occupation centres to serve certain areas in the county. The address of the mental welfare officer for the Sedgefield area, from whom information on these services may also be obtained, is: 69 Thorntree Gill, Peterlee, Co. Durham (Tel. Peterlee 409).

	Males.	Females.	Total.
No. of persons registered as mentally disordered ...	72	82	154
No. of persons under supervision in their own homes ...	40	58	98
No. in hospitals for the mentally disordered ...	32	24	56

Residential Nurseries.

Residential nurseries are available for certain cases and information regarding these may be obtained from the Children's Officer, Crossgate Moor, Durham (Tel. Durham 3311).

Number of children in Children's Homes, Nurseries and Boarded Out as at 31st December, 1960 ...	19
Number of children in Approved Schools as at 31st December, 1960 ...	4

Care of Mothers and Young Children.

- (a) **DAY NURSERIES:** Day nurseries are provided at:—
Tame Street, Haverton Hill (Tel. Middlesbrough 57129).
Durham Road, Stockton (Tel. Stockton 66940).
Norton Road, Stockton (Tel. Stockton 66555).

Application for admission should be made to the matrons.

- (b) **CONVALESCENT HOMES:** The E.F. Peile Convalescent Home, Shotley Bridge, is controlled by the County Council and admits nursing mothers with their babies and children under five years of age. Limited accommodation is also available in convalescent homes provided by voluntary agencies.

- (c) **UNMARRIED MOTHERS:** Arrangements have been made for the provision of help and advice to unmarried mothers by the staff of the Durham Diocesan Moral Welfare Association. Accommodation is available in the Mother and Baby Home, Smelt House, Howden-le-Wear, and in Homes administered by voluntary agencies.

- (d) **MATERNITY AND CHILD WELFARE CENTRES:** Maternity and child welfare centres maintained by the County Council and covering your district are as follows:—

<i>Address of Centre.</i>	<i>Sessions.</i>
CHILTON. Red Cross Station.	Ante-Natal Clinic— Alternate Wednesday mornings. Child Welfare Clinic— Alternate Wednesday afternoons.

<i>Address of Centre.</i>	<i>Sessions.</i>
<p>COXHOE.</p> <p>Social & Literary Institute. and Village Hall.</p> <p>Tel. Coxhoe 344.</p>	<p>Ante-natal, Birth Control and Post-natal Clinics— Alternate Tuesday mornings.</p> <p>Child Welfare Clinic— Alternate Thursdays.</p> <p>Ultra Violet Ray Clinic— Alternate Tuesday morn- ings and Friday after- noons weekly.</p>
<p>FERRYHILL.</p> <p>Back Dean Road.</p>	<p>Ante-natal Clinic— Friday afternoons weekly and alternate Friday morn- ings.</p> <p>Child Welfare Clinic— Tuesdays weekly.</p> <p>Ultra Violet Ray Clinic— Tuesday afternoons weekly and Friday afternoons weekly.</p>
<p>FISHBURN.</p> <p>Miners' Welfare Hall.</p>	<p>Child Welfare Clinic— Alternate Mondays.</p>
<p>SEDGEFIELD.</p> <p>County Surveyor's Office. Tel. Sedgefield 221.</p>	<p>Child Welfare Clinic— Alternate Friday mornings.</p>
<p>TRIMDON.</p> <p>Back Peel Avenue, Trimdon Grange.</p>	<p>Ante-Natal Clinic— Alternate Friday afternoons.</p> <p>Child Welfare Clinic— Alternate Thursdays.</p>

(e) WELFARE FOODS: National dried milk, orange juice, cod liver oil and vitamin tablets for mothers and babies are distributed from the following centres on the days shown:—

BISHOP MIDDLEHAM, Village Hall.	Alternate Tuesday mornings.
CHILTON, Red Cross Station ...	Alternate Wednesdays, all day.
COXHOE, Village Hall ...	Alternate Tuesday mornings and alternate Thursdays, all day.
FERRYHILL, Back Dean Road ...	Tuesdays, all day.
FISHBURN, Miners' Welfare Hall	Alternate Mondays, all day.
SEDFIELD, Surveyor's Office ...	Alternate Friday mornings.
TRIMDON GRANGE, Back Peel Ave.	Alternate Thursdays, all day.

Sessions—

Morning: 10-0 to 12 noon. Afternoons: 2-0 — 4-0 p.m.

Vaccination and Immunisation.

Vaccination against smallpox may be obtained free of charge on application to any medical practitioner who has agreed to give service within the National Health Service. Facilities are also available for the vaccination of children at maternity and child welfare centres.

Immunisation against diphtheria and whooping cough may be carried out on application to maternity and child welfare centres or to any general practitioners operating in the National Health Service, free of charge.

A scheme to provide B.C.G. vaccination against tuberculosis for school children in the district aged from 13 years upwards was undertaken during the period February to June, when 574 children were skin tested and 395 were vaccinated. In certain circumstances B.C.G. vaccination may also be carried out by the chest physicians at the chest clinics and in such cases applications should be made direct.

Vaccination against poliomyelitis is available to persons between the ages of six months and 40 years together with older persons in certain categories who might come into contact with poliomyelitis cases in the course of their work.

Services administered in your area by the Regional Hospital Board.

Maternity Homes are controlled by the Regional Hospital Board.

Tuberculosis Services.

There are no chest clinics in the Sedgefield Rural District, but residents of the area are served by clinics at West Hartlepool, Stockton, Darlington and Bishop Auckland as follows:—

Clinic.	Sessions.
Brierton Hospital, Brierton Lane, West Hartlepool. Tel. 5555-6.	All cases by appointment only.
Cleveland House, Bowesfield Lane, Stockton-on-Tees. Tel. 64251.	All cases by appointment only.
Memorial Hospital, Hundens Lane Unit, Darlington. Tel. 2793.	All cases by appointment only.
"Ninefields," Etherley Lane, Bp. Auckland. Tel. 632.	<i>Out-Patient Consultative Sessions—</i> Monday 9—10-30 a.m. Tuesday 9—10-30 a.m. Wednesday 2— 2-30 p.m. Thursday 9—10-30 a.m. Friday 9—10-30 a.m. <i>Contact Clinic—</i> Monday, 2-0 p.m. <i>Open Chest X-ray Service—</i> Tuesday, Thursday and Friday at 2-0 p.m.

Treatment of Venereal Disease.

There are no Special Treatment Clinics in the Sedgefield area but consultations may be obtained as shown below:—

STOCKTON AND THORNABY HOSPITAL.

Tuesdays	...	...	2-00 p.m. — 4-00 p.m.	Females
Tuesdays	...	...	4-30 p.m. — 6-30 p.m.	Males
Saturdays	...	...	9-00 a.m. —10-30 a.m.	Males

GENERAL HOSPITAL, WEST HARTLEPOOL.

Mondays	...	...	2-00 p.m. — 4-00 p.m.	Females
Thursdays	...	...	5-00 p.m. — 7-00 p.m.	Males

DURHAM COUNTY HOSPITAL.

Mondays	2-00 p.m. — 4-00 p.m.	Females
Mondays	4-30 p.m. — 6-00 p.m.	Males

HUNDENS HOSPITAL, DARLINGTON.

Tuesdays	10-0 a.m. — 12 noon.	Males.
Wednesdays	2-00 p.m. — 4-00 p.m.	Females
Fridays	2-00 p.m. — 4-00 p.m.	Females
Fridays	4-00 p.m. — 7-00 p.m.	Males

General and Maternity Accommodation.

Full consultant service is provided at Sedgfield General Hospital and Hardwick Hall Maternity Home in the following specialities: Gynaecology, Medical, Orthopaedic and Surgical cases. Departments of Pathology and Radiology are also available. The bed complement at these hospitals is 336 and 35 respectively.

SANITARY CIRCUMSTANCES OF THE AREA.**Housing.**

During the year 37 new Council houses and bungalows were completed and occupied. The new houses are all of the traditional brick type and are situated as follows:—

<i>Parish.</i>	<i>No. of Houses.</i>
Bp. Middleham	2
Fishburn	6
Sedgfield	8
Trimdon Village	5
Chilton	4
West Cornforth	12

In addition to the above, 16 new private houses were completed and occupied as follows:—

<i>Parish.</i>	<i>No. of Houses.</i>
Fishburn	4
Ferryhill	2
Windlestone	1
Sedgfield	6
Trimdon Village	1
Chilton	1
West Cornforth	1

The Trimdon Grange, Nos. 1-41 South Plantation Clearance Order received the approval of the Minister of Housing and Local Government on 16th May, 1960, but by the end of the year only three of the tenants involved had been rehoused.

Four houses in The Green, Old Cornforth, were included in an area declared by the Council to be a Clearance Area.

In addition to property included in clearance areas, 26 houses were dealt with as individual unfit houses, by closing orders or demolition orders under the Housing Act, 1957.

During the year 17 condemned houses were demolished but 84 condemned houses were still occupied at the end of the year as suitable accommodation was not available to rehouse the occupants. A total of 28 families, comprising 102 persons, were rehoused from condemned properties during 1960.

Closing and Demolition of Houses.

A. Formal Action.

(i) No. of houses demolished during year as a result of Clearance Schemes and other formal action	...	17
(ii) No. of houses <i>closed</i> but not demolished as a result of formal action	... ..	5
(iii) No. of houses in Clearance Areas demolition of which was temporarily postponed	... ..	Nil.

B. Informal Action.

(i) No. of houses permanently discontinued as dwellings as a result of informal action and not included above	...	1
---------------------------------------------------------------------------------------------------------------	-----	---

Reconditioning and Repair.

No. of houses made fit during year by procedure under either Housing or Public Health Acts :

(a) As a result of informal action	... ..	140
(b) By owners as a result of statutory notices	... ..	Nil.
(c) By Local Authority in default of owners	... ..	Nil.

Improvement Grants : Housing Act, 1949, and House Purchase and Housing Act, 1959

Action during 1959.

	No. of separate houses.	
	Discretionary Grants	Standard Grants
Applications submitted to Local Authority...	124	26
Application rejected by Local Authority ...	1	—
Total number of applications approved since inception of scheme	750	36

Living Vans

During the year the Caravan Sites and Control of Development Act, 1960, came into operation and site licences were issued under Section 3 of the Act. These were sites in respect of which permission had been previously granted under Section 269 of the Public Health Act, 1936, and the Town and Country Planning Acts and in each case the licence was for one caravan only.

Drainage and Sewage Disposal.

All townships within your district are drained and sewered. The new West Cornforth sewage disposal works were completed and in operation in November, 1960. The proposed Mordon sewage works are still in the planning stage.

Works of maintenance have been carried out during the year.

The installation of domestic sewage disposal plants at outlying farms and other premises is still proceeding and every encouragement is given to the owners of such property to take advantage of the assistance offered by the provisions of the House Purchase and Housing Act, 1959.

Sanitary Conversions.

Some progress was made during the year towards the goal of a 100 per cent. water carriage system throughout the district, but only 16 further conversions have been carried out, as most of the remaining ash closets serve property which is either condemned or due for early condemnation, or isolated dwellings where the expense involved is prohibitive.

Public Cleansing.

The whole of your district, except for some of the outlying farms and cottages, is dealt with by a direct labour scheme.

Three-quarters of the area received a twice-weekly collection and the rest was visited once a week. Disposal was by controlled tipping in seven disused quarries in the district, and during the year seven cleansing vehicles were on full-time collection. In the case of isolated dwellings well away from normal collection routes a regular weekly service is not provided but collection is made on request and during the year under review an increasing number of such requests were received.

Trade refuse is collected on request for which a charge of 6d. per bin is made.

Street cleansing is carried out in conjunction with Durham County Council.

**Summary of work done in the Public Health
Inspectors' Department during the year 1960.**

	Number of Informal Notices served	Number of Statutory Notices served	Defects remedied after Notice.	Inspections
Housing :				
Public Health and Housing Acts.	210	—	518	1,475
Overcrowding.	3	—	1	26
Sanitary Conveniences :				
Insufficient.	—	—	—	—
Defective.	31	—	31	36
Drainage.	69	—	65	230
Water Supply.	2	—	1	12
Food Premises.	36	—	81	514
Shops Act.	—	—	—	—
Dairies.	—	—	—	—
Slaughterhouses :				
Public.	—	—	—	—
Private.	—	—	—	1,742
Tents, Vans, etc	15	—	17	117
Offensive Trades.	—	—	—	—
Factories and Workplaces.	6	—	8	53
Keeping of Animals.	3	—	3	3
Insanitary Ashpits and Receptacles.	30	—	36	16
Offensive accumulations.	20	—	20	20
Smoke Nuisances.	10	—	9	70
Prevention of Damage by Pests Act, 1949.	5	—	5	83
Housing Management.	—	—	—	1,832
Refuse Tips and Collections.	—	—	—	213
Infectious Diseases.	—	—	—	185
Miscellaneous.	—	—	—	1,713
TOTAL.	440	—	795	8,220

WATER SUPPLY AND SEWERAGE — Progress Report on Schemes in Hand.

Name of scheme and Area to be served.	Water or Sewerage.	Date of Ministry of Health Inquiry.	Estimated Cost.	Date of Ministry of Health Approval.	Date commenced.	Date completed.	If in progress indicate stage.
West Cornforth Sewerage and Sewage Disposal Extension. West Cornforth.	Sewerage and Sewage Disposal.	March 19th, 1958.	£21,993.	July 18th, 1958	April, 1959.	Nov., 1960.	
Mordon Sewage Disposal Works. Mordon.	Sewage Disposal.	Work to commence March, 1961.					

WATER SUPPLIES.

The bulk of the water in this area is supplied by the Durham County Water Board and the two main sources of supply are upland surface water and deep mine water.

The following table shows the number of houses and the population served in the various parishes where the water supply is obtained by water mains direct to the houses or by means of standpipes.

Parish	No. of houses with direct pipe supply	Estimated population obtaining water as aforesaid	No. of houses with stand-pipe supply	Estimated population obtaining water from stand-pipe supplies
Bishop Middleham	357	1,089	—	—
Bradbury ...	48	147	4	12
Butterwick ...	14	43	—	—
Chilton ...	2,024	6,174	—	—
Cornforth ...	1,331	4,070	—	—
Elstob ...	12	37	—	—
Embleton ...	20	61	—	—
Ferryhill ...	3,522	10,742	—	—
Fishburn ...	915	2,790	—	—
Foxton and Shotton	12	38	—	—
Mainsforth ...	76	233	—	—
Preston-le-Skerne ...	22	67	—	—
Mordon ...	45	138	—	—
Sedgefield ...	778	4,374	—	—
Stillington ...	50	153	—	—
Trimdon ...	1,865	5,688	—	—
Woodham (excluding Aycliffe Approved School ...)	68	310	—	—
Windlestone ...	41	126	—	—

During the year 11 samples of drinking water were taken at various points in the district and submitted for bacteriological examination. Seven were classed satisfactory as Class I. Four unsatisfactory results were obtained, all of samples from the same supply, a well on an isolated farm. The farmer has been advised to instal a piped mains supply.

Apart from a temporary shortage of water in an agricultural area due to a fractured water main, no complaint was received regarding lack of quantity of water during the year.

Inspection and Supervision of Food.

In your district there are 226 food shops, 50 public houses, 12 clubs, 7 colliery canteens and 1 central kitchen.

Details of the types of food shops are given in the following table :-

Township.	General Provisions.	Cake shops and Sweetshops	Butchery	Ice-Cream and Snack Bars.	Fish Businesses	Green-grocery.
Bishop Middleham	4	—	1	—	1	—
Chilton ...	13	5	3	—	4	2
Cornforth ...	18	6	3	1	4	—
Ferryhill and Chilton Lane ...	51	11	11	2	11	2
Fishburn ...	10	1	2	2	3	1
Sedgefield ...	8	5	2	2	2	—
Trimdon Colliery ...	5	—	1	—	1	1
Trimdon Grange ...	9	2	1	—	1	—
Trimdon Village ...	8	1	2	1	2	—
Total	126	31	26	8	29	6

The majority of the above premises are of the house and shop type and are run by the family without outside assistance.

Routine shop inspections were carried out periodically during the year. The general standard of hygiene was satisfactory.

Premises Licensed under Section 16 of the Food and Drugs Act, 1955.

Six additional premises were registered in 1960 for the sale of ice-cream. These are included in the above table.

Ice-cream sampling was concentrated chiefly on street traders and where unsatisfactory results were first obtained, follow-up samples were taken in conjunction with the Health Departments of areas from which the traders' supplies originated.

Carcases and Offal inspected and condemned in whole or part.

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.	Horses.
Number killed ...	1,183	15	—	2,818	966	—
Number inspected ...	1,183	15	—	2,818	966	—
All diseases except Tuberculosis & Cysticerci						
Whole carcasses condemned ...	—	—	—	—	—	—
Carcases of which some part or organ was condemned ...	262	3	—	26	39	—
Percentage of the number inspected affected with dis- eases other than tuberculosis and cysticerci.	22.1	20	—	0.9	4.04	—
Tuberculosis only.						
Whole carcasses condemned ...	—	—	—	—	—	—
Carcases of which some part or organ was condemned ...	1	—	—	—	5	—
Percentage of the number inspected affected with tuberculosis ...	0.1	—	—	—	0.5	—
Cysticercosis.						
Carcases of which some part or organ was condemned ...	—	—	—	—	—	—
Carcases submitted to treatment by refrigeration ...	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

Regular visits were made to the 16 slaughterhouses in the area and 100 per cent. inspection of all carcasses and offal was maintained throughout the year, which necessitated a total of 1,742 visits made by the three meat inspectors.

During the year under review discussions were held with all interested parties for the purpose of preparing the report on slaughtering facilities required by the Slaughterhouses Act, 1958. This report was approved by the Council and submitted to the Minister at the latter part of the year.

The statistics show that the high quality of meat slaughtered in this area has been maintained throughout the year. No animals were condemned out of 4,982 inspected, all other condemnations being concerned only with offal and localised conditions which in no way affected either the quality of the meat or its fitness for human consumption. The negligible amount of offal condemned as being tubercular is a tribute to the Ministry's bovine tuberculosis eradication scheme.

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed and inspected ...	1,183	15	—	2,818	966
Number of Carcases condemned ...	—	—	—	—	—
Number of Animals affected with—					
Tuberculosis ...	1	—	—	—	5
Fascioliasis (liver fluke) ...	228	—	—	2	—
Abscess, liver ...	7	—	—	2	—
„ lungs ...	9	—	—	—	—
Pleurisy ...	6	—	—	—	7
Pneumonia ...	—	—	—	—	30
Parasites ...	—	—	—	21	4

Detailed analysis of condemned meat for the year 1960.

Organ.	Disease.	Number Affected.	Cwt.	Weight. St.	Lbs.
BOVINE					
Liver	Fascioliasis ...	61	7	2	10
Part Liver	„	167	8	7	12
Liver	Abscesses ...	7		6	0
Lungs	Tuberculosis ...	1			12
	Pleurisy ...	6		4	4
	Abscesses & Fluke	9		6	6
Kidneys	Retention Cyst ...	2			4
Udders	Mastitis	1			7
PIGS					
Liver	Milkspots	4		1	2
	Tuberculosis ...	1			4
Lungs and Heart ...	Pneumonia ...	3			6
	Pleurisy ...	3			6
Pluck	Pleurisy and peritonitis ...	2			12
Head and Tongue...	Tuberculosis ...	5		4	4
Heart	Pericarditis ...	4			4
Kidneys	Retention Cyst ...	1			1
Lungs	Pneumonia ...	19		1	5
SHEEP					
Liver	Fascioliasis ...	2			3
	Other parasitic conditions ...	7			13
	Abscesses ...	2			4
Lungs	Parasitic	13		1	1
Lungs and Heart ...	Parasitic	1			2
TOTAL WEIGHT ...			20	0	6

Once again it was not necessary to seize any foodstuffs officially although approximately 1 ton 8 cwts. of meat and other foods were condemned during the year. This was made up as follows:—

	Tons	Cwts.	St.	Lbs.	Ozs.
Offal	1	0	0	6	0
Carcase meat			5	3	0
Tinned fruit		1	7	5	6
Tinned meat		1	10	7	0
Tinned tomatoes		1	5	4	3
Tinned vegetables			5	0	13
Tinned soups			1	0	4
Tinned fish				6	6
Cod fillets			1	4	0
Rice pudding				6	1

Tinned milk equivalent to 61½ pints.

Disposal of unsound food is carried out by burial in the Council's refuse tip.

MILK SUPPLIES.

All milk consumed in the area is supplied in sealed containers from pasteurising plants situated outside the district. There are therefore no premises registered as dairies by this authority.

The bulk of the milk is obtained either from the Milk Marketing Board's plant at Langley Bridge, Durham, or from Co-operative Societies. All the milk consumed is pasteurised, tuberculin tested, or sterilised.

In 1960 there were 64 distributors registered with this Authority for the sale of milk, and the following table shows the numbers of licences issued for that purpose:—

Licence.	"Pasteurised"	"Sterilised"	"Tuberculin tested."
Dealers	57	37	49
Supplementary	4	4	4
TOTALS	61	41	53

This table will not be included in the next year's report as the issue of the licences authorising the use of the special designations was transferred to the County Council from the 1st October, 1960.

Atmospheric Pollution

Two standard deposit gauges are installed within the area, one on the Council housing estate at Ferryhill and the other in the built-up area between Old Cornforth and West Cornforth.

The following table gives the average results of the long analysis readings during 1960:—

	CORNFORTH.		FERRYHILL.	
	Tons per Sq. Mile.	Percentage of Total Solids.	Tons per Sq. Mile.	Percentage of Total Solids.
Total solids	21.05	—	11.53	—
Undissolved solids ...	9.69	46.02	4.52	39.2
Dissolved matter ...	11.36	53.98	7.01	60.8
Tarry Matter ...	0.03	0.17	0.15	1.31
Ash	5.92	28.13	2.72	23.59
Combustible Matter...	3.72	17.67	1.65	14.31
Sulphate as SO-4 ...	3.24	15.39	1.97	17.13
Calcium Oxide as Calcium Carbonate	0.92	3.47	—	—
Magnesium Oxide as Magnesium Carbonate ...	0.52	2.47	—	—
pH Value	7.32		5.67	
Rainfall in inches ...	1.62		1.77	

Generally speaking, the above figures show a decrease over the figures for previous years; this is particularly noticeable in respect of the Cornforth gauge.

Smoke Abatement

1. No. of observations relative to emissions during 1960 ... 31
2. No. of interviews and visits to Plants during 1960 ... 15
3. No. of visits to deposit gauges during 1960 ... 36
4. Types of Industries and/or Premises dealt with during 1960—
Collieries,
Business Premises.
5. Improvements effected which reduce pollution:—
Smoke. Old boiler at a colliery replaced by more efficient modern type complete with mechanical stoker. Further progress by British Railways with dieselisation of trains. Three hundred and eleven approved Solid Fuel Appliances installed in pre-war Council houses under the Housing Improvement scheme.
6. Smoke Control Areas in being or proposed:—
None.
7. Average monthly total deposits for the Local Authority district during 1960:—

<i>Type of Area.</i>		<i>Tons/Sq. Mile</i>
Semi-industrial	... ..	21.25
Residential	... ..	11.49

These totals were made up as follows:—

		<i>Soluble Matter.</i>	<i>Insoluble Matter.</i>
Semi-industrial	... ..	11.72	9.53
Residential	... ..	6.92	4.57

The smoke problem cannot be solved quickly, and it is considered that adequate action over a period of 20 years will be necessary in order to deal with all the problems involved.

Further progress has been made by ensuring compliance with the byelaws on the installation of approved types of fireplaces in all new dwellings and the continued conversion to approved types of fireplaces in many pre-war Council houses, together with improvement schemes under discretionary and standard grants.

In several large buildings in the area the existing heating apparatus has been converted so as to be capable of consuming the smoke produced. These plants enable the premises to be included in smoke control areas, and all new housing estates readily lend themselves to similar inclusion although, since your district is chiefly a mining area, the large amount of concessionary coal consumed causes obvious difficulties.

RODENT CONTROL.

The yearly treatment against rats in the sewers, sewage works and refuse tips in the Council's area was carried out in accordance with the Ministry of Agriculture, Fisheries and Food instruction.

The following is a summary of such treatment:—

Total number of manholes in foul and connected systems in the area treated ...	...	...	980
Number of manholes treated ...	...	...	499
Total number of manholes in the whole sewer system			2,006
Number of manholes showing take of bait ...			51

The following table gives details of other surveys and treatments carried out during the year:—

	TYPE OF PROPERTY.				
	Non-Agricultural.				(5) Agricultural.
	(1) Local Authority.	(2) Dwelling houses (inc. Council houses).	(3) All other (inc. Business Premises).	(4) Total of Columns (1) (2) and (3).	
I. No. of properties in local authority's district ...	89	10,821	1,382	12,292	284
II. No. of <i>properties inspected</i> as a result of—					
(a) Notification ...	8	80	29	117	12
(b) Survey ...	55	143	24	222	96
(c) Otherwise ...	—	12	3	15	2
III. No. of <i>properties inspected</i> in Section II which were found to be infested by—					
(a) Rats Major ...	5	1	—	6	15
Minor ...	41	67	19	127	36
(b) Mice Major ...	1	—	1	2	1
Minor ...	2	31	14	47	1
IV. No. of <i>infested properties</i> in Section III treated by the Local Authority	49	97	34	180	42
V. Total treatments carried out—including re-treatments	109	102	41	252	43
VI. No. of "Block control schemes carried out ...	—	5	—	5	—

The principal rodenticide used in the district is Warfarin. This poison is known as an "anticoagulant" because its main action on rodents is to prevent the blood from clotting with the result that rats and mice eating it tend to die of internal and external bleeding. Warfarin, against rats and mice, is used at a concentration at which these rodents are killed only if they feed from the bait for a number of days. With each treatment, therefore, several visits are necessary.

During the year 129 complaints were dealt with and all received immediate attention. Routine, periodic visits were also made to Council properties, particularly refuse tips and sewage works, and more attention was given to agricultural premises than in previous years.

Treatments against rats in sewers were carried out where previous infestations had existed and the final treatment during 1960 indicated a considerable reduction in the number of infestations.

A charge is made to the occupiers of business and agricultural properties at which treatments are undertaken by the Council's rodent operators but infestations in and around dwelling houses are dealt with free of charge.

List of By-laws in force in district.

<i>Date made.</i>	<i>Title.</i>
17th February, 1950.	Handling, wrapping and delivery of food, and sale of food in the open air.
27th July, 1950.	Sale of contraceptives in automatic machines.
5th January, 1951.	Control of Bulls.
16th June, 1952.	Noisy Hawking.
4th December, 1952.	Public Libraries Act, 1901. Section 3.
27th March, 1953.	Building Byelaws under Public Health Act, 1936.
9th December, 1953.	Deposit of mud and other materials on highways.
1st July, 1954.	Deposit of litter to detriment of public amenities.
1st June, 1955.	Nuisances contrary to public decency. (Parishes of Chilton, Cornforth, Ferryhill, Fishburn, Sedgefield and Trimdon).
1st June, 1955.	Fouling of footways by dogs. (Parishes of Bishop Middleham, Chilton, Cornforth, Ferryhill, Fishburn, Sedgefield, and Trimdon).
1st March, 1957	Fireworks in Cinemas.
1st August, 1957	Wireless Loudspeakers, Gramophones, etc.
1st March, 1958	Interference with Road Warning Lamps.
1st July, 1958.	Amendment to Building Byelaws in respect of arrangements in buildings for preventing smoke.

Factories Act, 1937.

Coal mining is the principal industry in this area but is not registerable under the above-mentioned Act. Of the factories, the majority are small concerns employing no more than half-a-dozen persons.

During the year 53 visits were made to factories chiefly in connection with sanitary accommodation and informal action was necessary to remedy five conveniences which were in need of cleansing. Similar action was also taken in a case where insufficient sanitary accommodation was provided. In all instances the defects were satisfactorily remedied.

No list of outworkers was received during the year.

Premises	Number on Register.	Number of		
		Inspections.	Written Notices.	Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	9	11	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	41	33	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	10	9	—	—
TOTAL ...	60	53	—	—

Particulars	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted.
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1.)	—	—	—	—	—
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	—	—	—
(b) Unsuitable or defective	5	5	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to out-work)	—	—	—	—	—
TOTAL ...	6	6	—	—	—

M. W. RODGERS, *Medical Officer of Health.*



