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Secretary
THE RURAL DISTRICT COUNCIL OF DARLINGTON



ANNUAL REPORT
OF THE
MEDICAL OFFICER
OF HEALTH

1960



DARLINGTON RURAL DISTRICT COUNCIL

1960

Chairman:

Councillor H. H. Miller, J.P.

Vice-Chairman:

*Councillor Mrs. M. Burlinson

J. O. Best	R. J. Mounsey, J.P.
R. Bradley (elected April)	N. H. Nicholson
J. M. Buxton	H. W. B. Ord
J. Banks (elected April)	J. J. Pigg
G. H. Callender	J. H. Paxton
W. H. Coyne	W. Robinson (resigned March)
T. A. Cooper	R. Routledge (elected April)
H. J. Dent, J.P.	T. E. Sibbald
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J. G. Dormer	H. N. Shafto
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*Mrs. M. Garbett	J. E. Stobbs
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M. K. Keenleyside	E. W. Tennick (elected April)
W. A. Lee, O.B.E., T.D.	D. Vickers, J.P.
T. McLaughlin	
G. H. Myers	

*Members of No. 10 Area Health Sub-Committee

Clerk to the Council:

J. Pattinson

PUBLIC HEALTH OFFICERS AND STAFF OF THE LOCAL AUTHORITY

Medical Officer of Health:

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Council Offices, 53, Coniscliffe Road, Darlington.
Telephone No.: Darlington 2342.

Chief Public Health Inspector and Surveyor:

J. D. Collins, C.R.S.H., M.A.P.H.I.
Certified Meat and Food Inspector.

Additional Public Health Inspector:

D. G. Warde, C.R.S.H., M.A.P.H.I.
Certified Meat and Food Inspector.

Engineering Assistant:

J. Cuthbertson.

Sewage Works Manager:

J. Black.
Resigned 13th February, 1960.
W. Sledmore.
Appointed 2nd March, 1960.

Building Inspector:

A. G. Oxborough.

Chief Clerk and General Assistant:

F. H. Hurworth.

Pupil Public Health Inspector:

G. Blakey.
Called for National Service 10th July, 1960.

Shorthand Typists:

Mrs. P. Lambell—Mrs. M. H. Metcalfe.

ANNUAL REPORT, 1960

DARLINGTON RURAL DISTRICT COUNCIL

Madam Chairman, Ladies and Gentlemen,

I have the honour of presenting to you the 79th 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 no cases of serious infectious disease occurred.

In the field of environmental hygiene the year could be summed up as one of steady progress. There was a considerable increase in the number of standard grants and as in many cases the improvements included conversions to the water carriage system, the progress made in this respect is better than would appear from the information given in the relevant section of the report.

In conclusion I wish again to thank the Council, the Clerk to the Council and his staff for their continued courtesy and co-operation and to express appreciation to Mr. Collins, Surveyor and Chief Public Health Inspector and the staff of the Health Department for their assistance during the year.

I am, Ladies and Gentlemen,

Your obedient servant,

M. W. RODGERS,

M.B., B.CH. B.A.O., D.P.H.

Medical Officer of Health.

SECTION A

GENERAL STATISTICS

Area of Rural District in acres	45,414
Resident population (including forces stationed in the area).	22,880
Total number of houses at 31st December, 1960 (including 135 R.A.F. Married Quarters).	6,762
Number of inhabited houses (excluding R.A.F. Married Quarters at 1st April, 1960).	6,355
Rateable value at 1st April, 1960	£310,658
Sum represented by a penny rate	£1,341 11s. 4d.
General Rate (excluding additional items and special rates in certain parishes) made in respect of the financial year ending, 31st March, 1961.	16/-d.

Social Conditions and Employment

The Darlington Rural District forms part of the Darlington Employment Exchange area which for some years past has enjoyed a high level of employment. It includes the Aycliffe Trading Estate which is making steady progress in development and offers good opportunity for employment, particularly to men in the skilled engineering trades.

At the end of 1960 the Trading Estate afforded employment to 4,299 persons, 3,295 males and 1,004 females.

The new town of Newton Aycliffe made further appreciable progress towards its ultimate population of 20,000. During the year 305 new houses were completed bringing the total number of houses to 3,531 and the estimated population increased from 10,470 to 11,300. The Corporation has increased to 6% the proportion of bungalows for old aged pensioners to be built in future housing precincts.

**TABLE OF BIRTH AND DEATH RATES FOR RECENT YEARS
AS COMPARED WITH ENGLAND AND WALES**

Estimated Population of Darlington R.D.C.	Years	GENERAL DEATH RATE			INFANTILE MORTALITY RATE			LIVE BIRTH RATE		
		Darlington R.D.C.		England and Wales Rate	Darlington R.D.C.		England and Wales Rate	Darlington R.D.C.		England and Wales Rate
		No. of Deaths	Rate		No. of Deaths	Rate		No. of Births	Rate	
9,382	1946	114	12.15	11.5	7	46.0	43.0	152	16.20	19.1
9,512	1947	115	12.09	12.0	8	41.88	41.0	191	20.08	20.5
10,030	1948	95	9.47	10.8	6	34.48	34.0	174	17.35	17.9
10,270	1949	98	9.5	11.7	7	37.6	32.0	186	18.1	16.7
10,650	1950	146	13.7	11.6	10	54.35	29.8	184	17.28	15.8
12,040	1951	127	10.55	12.5	8	38.83	29.6	206	17.1	15.5
13,070	1952	117	8.95	11.3	10	47.62	27.6	210	16.07	15.3
14,600	1953	150	10.99	11.4	8	24.02	26.8	333	20.98	15.5
16,230	1954	140	10.6	11.3	10	25.91	25.5	386	21.6	15.2
17,910	1955	194	13.3	11.7	10	24.04	24.9	416	21.14	15.0
19,310	1956	169	11.9	11.7	11	24.07	23.8	457	18.7	15.7
20,100	1957	146	10.17	11.5	10	20.4	23.1	490	19.26	16.1
21,280	1958	151	11.2	11.7	10	19.4	22.6	515	18.9	16.4
22,300	1959	179	12.5	11.6	15	32.6	22.2	460	16.1	16.5
22,880	1960	195	13.5	11.5	14	26.4	21.7	531	17.9	17.1

STATISTICS

Population: 22,880
(1959 Population: 22,300)

Live Births

The number of live births was 531 as against 460 the previous year.

			Male	Female	Total
Legitimate	...	...	262	261	523
Illegitimate	...	...	6	2	8
					531

Live Birth Rate per 1,000 population—23.2

The adjusted birth rate in accordance with the comparability factor supplied by the Registrar General—17.87.

Still Births

			Male	Female	Total
Legitimate	...	...	3	6	9
Illegitimate	...	...	—	1	1
					10

Still Birth Rate per 1,000 live and still births—18.48.

Total Live and Still Births

			Male	Female	Total
Legitimate	...	...	265	267	532
Illegitimate	...	...	6	3	9
					541

Infant Deaths

			Male	Female	Total
Legitimate	...	...	10	4	14
Illegitimate	...	...	—	—	—
					14

Infant mortality rate per 1,000 live births—Total 26.4.

Infant mortality rate per 1,000 live births—legitimate—26.8.

Infant mortality rate per 1,000 live births—illegitimate—Nil.

Neo-natal mortality rate per 1,000 live births—16.9.

Early neo-natal mortality rate (first week) per 1,000 live births 15.1.

Perinatal mortality rate per 1,000 total births—33.3.

Illegitimate live births per cent of total of live births—1.5.

Maternal Deaths (including abortion)

Nil.

Deaths and Death Rate

Male	Female	Total
110	85	195

Death rate per 1,000 of the population—8.5.

The adjusted death rate in accordance with the comparability factor supplied by the Registrar General—13.5..

	Darlington R.D..C.	England & Wales
Live birth rate per 1,000 population ...	17.9	17.1
Still birth rate per 1,000 live and still births	18.5	19.7
Infantile mortality rate per 1,000 live births	26.4	21.7
Neo-natal mortality rate per 1,000 live births	16.9	15.6
Perinatal mortality rate per 1,000 live and still births	33.3	32.9
Maternal deaths excluding abortion ...	Nil	0.31
Maternal deaths due to abortion ...	Nil	0.08
Total maternal mortality	Nil	0.39
Death rate per 1,000 population ...	13.5	11.5

ANALYSIS OF STATISTICS

The population increased from 22,300 to 22,880 in the year under review.

The area comparability factors for use with crude birth and death rates contain adjustments for boundary changes and make allowance for the way in which sex and age distribution of the local population differs from that for England and Wales as a whole. In addition the death rate area comparability factor has been adjusted to take account of the presence of any residential institutions. The use of the factors makes the birth and death rates comparable with the crude rates for England and Wales or with the corresponding adjusted rates for any other area.

Comparability factors for your area:—

Births	Deaths
0.77	1.58

Live Births

There was a further increase in the annual number of live births and the rate before adjustment by the comparability factor is much higher than the rate for England and Wales—23.2 as compared with 17.1. The rate after adjustment is 17.9. With the exception of 1959, for the past eleven years the rate for your district has been above that for the country as a whole.

Still Births

There was a further decrease in the number of still births giving a rate which is now below that for England and Wales.

Deaths of infants under 1 year

I am pleased to report an improvement in the infantile mortality rate as compared with the previous year when the rate was high. There was not much difference in the number of infant deaths, fourteen as compared with fifteen, but the increase in the number of live births resulted in a rate of 26.4 as compared with 32.6. This is, however, still above the rate for the country.

The following tables give the ages and causes of death and a scrutiny of these tables shows that prenatal causes and birth injuries accounted for all but two of the deaths. More than half occurred in the first week of life.

Age Groups					Male	Female	
Under 1 week	...	...	...	...	7	1	} Neonatal deaths
1 week and under 4 weeks	...	..	...	...	—	1	
4 weeks and under 1 year	...	...	...	...	3	2	
					10	4	
					14		

Causes of Death

	Under 4 weeks		4 wks. & under 1 year	
	Male	Female	Male	Female
Prematurity	1	—	—	—
Atelectasis with immaturity	1	—	—	—
Congenital abnormalities	2	1	2	1
Birth Injury	2	—	—	1
Haemorrhagic disease of new born	1	—	—	—
Pneumonia	—	1	1	—
	7	2	3	2

Deaths (all ages)

The number of deaths registered in your district after correction for inward and outward transfers was 195 equal to a death rate of 8.5 per 1,000 population. The adjusted death rate in accordance with the comparability factor supplied by the Registrar General is 13.5. This is higher than the adjusted rate for 1959 which was 12.5.

Table Showing Causes of Death

	Male	Female	% of total deaths
Tuberculosis (Respiratory) ...	1	1	1.0
Tuberculosis (Other) ...	—	—	—
Syphilitic Disease ...	2	—	1.0
Diphtheria ...	—	—	—
Whooping Cough ...	—	—	—
Meningococcal Infection ...	—	—	—
Acute Poliomyelitis ...	—	—	—
Measles ...	—	—	—
Other Infective and Parasitic Diseases ...	—	—	—
Malignant Neoplasm Stomach ...	2	3	2.6
Malignant Neoplasm Lung, Bronchus ...	2	—	1.0
Malignant Neoplasm Breast ...	—	2	1.0
Malignant Neoplasm Uterus ...	—	—	—
Other Malignant and Lymphatic Neoplasms	8	15	11.8
Leukaemia, Aleukaemia ...	1	—	0.5
Diabetes ...	—	—	—
Vascular lesions of nervous system ...	18	11	14.9
Coronary Disease, Angina ...	24	10	17.4
Hypertension with heart disease ...	2	—	1.0
Other Heart Disease ...	13	7	10.3
Other circulatory disease ...	5	8	6.7
Influenza ...	—	—	—
Pneumonia ...	6	4	5.1
Bronchitis ...	3	4	3.6
Other disease of respiratory system ...	1	—	0.5
Ulcer of Stomach and Duodenum ...	2	—	1.0
Gastritis, Enteritis and Diarrhoea ...	—	1	0.5
Nephritis and Nephrosis ...	—	1	0.5
Hyperplasia of Prostate ...	—	—	—
Pregnancy, Childbirth and Abortion ...	—	—	—
Congenital Malformations ...	4	3	3.6
Other defined and ill defined diseases ...	11	11	11.3
Motor vehicle accidents ...	2	2	2.1
All other accidents ...	3	2	2.6
Suicide ...	—	—	—
Homicide and operation of war ...	—	—	—
	110	85	100.0

Rates for certain diseases as compared with England and Wales

				Rate per 1,000 Population	
				Darlington Rural District	England & Wales
General death rate	...	...	...	13.5	11.5
Cancer, Lung and Bronchus	...	...	...	0.09	0.481
Other Cancer	...	...	...	1.31	1,676
Vascular lesions of nervous system	...	...	...	1.27	1.67
Coronary disease, Angina	...	...	...	1.49	2.01
Hypertension with heart disease	...	...	...	0.09	0.25
Other Heart Disease	...	...	...	0.87	1.55
Other circulatory disease	...	...	...	0.57	0.53
Respiratory Tuberculosis	...	...	...	0.09	0.068
Other Tuberculosis	...	...	...	Nil	0.007
Influenza	...	...	...	Nil	0.024
Pneumonia	...	...	...	0.44	0.53
Acute Poliomyelitis	...	...	...	Nil	0.00

Age Groups	Under 4 wks.		4 wks. — 1—		5—		10—		15—		20—		25—		30—		35—		40—	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Deaths	7	2	3	2	3	2	—	1	1	1	—	2	1	3	—	—	4	—	2	3

Age Groups	45—		50—		55—		60—		65—		70—		75—		80—		85—		90—		95—	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Deaths	5	4	4	6	10	2	9	4	9	7	15	8	14	15	11	15	7	7	4	1	1	1

The table showing causes of death and the percentage of deaths due to individual diseases shows that diseases of heart and arteries accounted for 50% of the total. Malignant diseases were responsible for 16%, a lower percentage than in 1958 and 1959.

The table comparing the rates for certain diseases with those for England and Wales shows that for cancer, especially cancer of the lung, the rates are lower than the country's rates.

Approximately 34% of all male deaths and 45% of all female deaths occurred at ages 75 years and upwards.

MALIGNANT NEOPLASM.

The following table gives the deaths from Malignant Neoplasm in age groups and localisation.

Localisation	Under 2	2 - M F	25- M F	30- M F	35- M F	40- M F	45- M F	50- M F	55- M F	60- M F	65- M F	70- M F	75- M F	80- M F	Total M F
Stomach ..	-	-	-	-	-	1	-	-	-	1	-	2	-	1	2 3
Lung ..	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2 -
Breast ..	-	-	-	-	-	-	1	-	-	1	-	-	-	-	- 2
Uterus ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buccal Cavity & Pharynx	-	-	-	-	-	1	1	-	-	-	-	1	-	-	2 1
Digestive Organs other than Stomach ..	-	-	-	-	1	-	1	-	2	1	1	-	-	3	6 4
Respiratory System other than Lung ..	-	-	-	-	-	-	-	-	-	-	-	1	-	-	- 1
Genito urinary Organs other than Uterus ..	-	-	-	-	-	-	-	1	1	1	-	-	1	-	- 4
Other Sites ..	1	-	1	-	-	-	2	-	-	-	-	-	1	-	1 4
	1	-	1	-	1	-	2	3	4	2	2	1	2	1	13 19

NOTIFIABLE DISEASES

No epidemics occurred during the year with the result that the notifications were little more than a quarter of the figures for 1959 when measles reached epidemic proportion.

The fifteen cases of scarlet fever were all mild and none required admission to hospital.

Cases of jaundice were reported by the Education Authority and investigations were carried out mainly to discover whether there was any connection between the jaundice and previous inoculations. The cases, however, were the usual acute infective hepatitis which is not a notifiable disease, and nothing significant was found as a result of the inquiries.

As a result of information from the Public Health Laboratory that a few cases of acute nephritis among school children had occurred in a school in your district and appeared to be connected with a particular strain of streptococcus, I took nasal and throat swabs from all children who had been in contact. Nine children were found to be harbouring the organism in the throat and received appropriate treatment. No further cases developed.

Table of cases as notified set out in age groups.

	At all ages	Under 1	1—	2—	3—	4—	5—9	10—14	15—24	25 and over	Age unkn'n	Total deaths
		M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	
Scarlet Fever ..	15	1	—	—	—	1	2	—	—	—	—	—
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ..	1	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	1	—	—
Meningococcal Infection ..	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia ..	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum ..	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ..	3	—	—	—	—	—	2	—	—	—	—	—
Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—
(a) Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
(b) Non-Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	2	—	—	—	—	—	—	—	1	—	—	—
(Primary and Infl.) ..	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever ..	—	—	—	—	—	—	—	—	—	—	—	—
(incl. Paratyphoid) ..	—	—	—	—	—	—	—	—	—	—	—	—
Measles ..	54	1	4	1	3	1	9	1	—	—	1	—
Whooping Cough ..	31	2	3	1	—	2	7	2	1	—	—	—
Food Poisoning ..	—	—	—	—	—	—	—	—	—	—	—	—
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis ..	—	—	—	—	—	—	—	—	—	—	—	—
(a) Pulmonary ..	11	—	—	—	—	—	—	—	1	6	—	—
(b) Other ..	1	—	—	—	—	—	—	—	—	2	1	—
	118	1	4	2	3	6	20	3	2	7	1	—

All notifications were confirmed.

TUBERCULOSIS

New Cases and Mortality during 1960.

Age Groups	New Cases				Deaths			
	Respiratory male female		Non-Respir'y male female		Respiratory male female		Non-Respir'y male female	
Under 1 ..	—	—	—	—	—	—	—	—
1—5 ..	—	—	—	—	—	—	—	—
6—10 ..	—	1	—	—	—	—	—	—
11—15 ..	—	—	—	—	—	—	—	—
16—20 ..	1	1	—	—	—	—	—	—
21—25 ..	—	—	—	—	—	—	—	—
26—35 ..	2	—	—	1	—	—	—	—
36—45 ..	2	1	—	—	—	—	—	—
46—55 ..	2	1	—	—	—	—	—	—
56—65 ..	—	—	—	—	—	1	—	—
66 & over ..	—	—	—	—	1	—	—	—
Total ..	7	4	—	1	1	1	—	—

The total number of new cases for 1960 was 11 pulmonary and 1 non-pulmonary compared with 3 pulmonary in 1959.

The number of deaths was the same as in 1959.

Table showing new cases and Mortality during the past 10 years.

Year	New Cases				Mortality			
	Respiratory male female		Non-Respir'y male female		Respiratory male female		Non-Respir'y male female	
1951	—	1	—	—	1	—	—	—
1952	2	3	—	—	—	1	1	—
1953	5	6	—	—	4	1	—	—
1954	7	3	1	3	2	1	—	—
1955	3	7	—	—	10	1	—	2
1956	6	5	1	—	—	1	1	—
1957	4	5	—	1	—	1	—	1
1958	9	3	—	1	1	—	—	—
1959	3	—	—	—	1	1	—	—
1960	7	4	—	1	1	1	—	—

Number of Cases on register.

Year	Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total
1955	23	33	56	6	6	12
1956	30	38	68	6	7	13
1957	36	37	73	6	6	12
1958	39	39	78	6	8	14
1959	40	35	75	5	7	12
1960	43	36	79	5	7	12

Tuberculosis Mortality Rate: Respiratory 1960 — 0.09.
Non-Respiratory 1960 — Nil.

Mass X-Ray.

The Unit spent a week on the Aycliffe Trading Estate, a day in Heighington and four days in Hurworth. The attendances at Heighington and Hurworth were disappointing.

Place	Miniature Films			Referred to Chest Clinic		
	Males	Females	Total	Males	Females	Total
Aycliffe	1,005	369	1,374	22	5	27
Trading Est.	18	22	40	Nil	Nil	Nil
Heighington	81	130	211	Nil	3	3
Hurworth						
	1,104	521	1,625	22	8	30

Result of Clinic Investigation.

Diagnosis	Male	Female	Total
Pulmonary Tuberculosis (treatment notified)	1	—	1
Pulmonary Tuberculosis (occasional supervision)	6	1	7
Pulmonary Tuberculosis (Healed—no action)	4	—	4
Pleural thickening	2	2	4
Cardiac Abnormality (Congenital)	1	—	1
Cardiac Abnormality (Acquired)...	1	—	1
Pneumoconiosis	1	—	1
Chronic Bronchitis and Emphysema	2	—	2
Goitre	—	1	1
Nothing abnormal discovered ...	4	4	8
	22	8	30

CASE RATES FOR INFECTIOUS DISEASE, 1960

					Rate per 1,000 Home Population	
					Darlington R.D.C.	England & Wales
Notifications (Corrected)						
Scarlet Fever	...	...	...	...	0.65	0.70
Whooping Cough	...	...	...	...	1.35	1.268
Measles	...	...	...	...	2.4	3.482
Pneumonia	...	...	...	...	0.09	0.317
Poliomyelitis—						
Paralytic	...	...	...	...	—	0.006
Non-Paralytic	...	...	...	...	—	0.003
Food Poisoning	...	...	...	...	—	0.169
Dysentery	...	...	...	...	0.13	0.945
Erysipelas	...	...	...	...	0.04	0.065
Tuberculosis—						
Respiratory	...	...	...	...	0.48	0.462
Meninges and N.S.	...	...	...	...	—	0.004
Other	...	...	...	...	0.04	0.058

Food Poisoning Outbreaks

(a) Total number of outbreaks	...	...	...	Nil
(b) Number of cases	...	...	...	Nil
(c) Number of deaths	...	...	...	Nil
(d) Organisms or other agents responsible	...	...	...	Nil
(e) Food involved, with number of outbreaks associated with each food	...	...	...	Nil

Single Cases

Nil.

National Assistance Act, 1948—Section 47

No statutory action was taken under this Section.

VACCINATION AND IMMUNISATION

The number of persons vaccinated or immunised in the district for which records were received during 1960 are given in the following tables:—

Smallpox.

	Under 1 yr.	1 yr.	2-4 yrs.	5-14 yrs	15 yrs. and over	Total
Vaccinated	187	20	19	18	23	247
Re-vaccinated ..	—	—	2	1	17	20

Diphtheria and Whooping Cough.

	Primary Immunisations				Re-inforcing Injection			
	Under 1 yr.	1-4	5-14	Total	Under 1 yr.	1-4	5-14	Total
Diphtheria and Whooping Cough	310	77	15	402	—	61	78	139
Diphtheria	—	1	9	10	—	12	23	35
Whooping Cough ..	—	1	—	1	—	—	—	—

Poliomyelitis.

	Number of persons vaccinated in Sessions during 1960		
	1st Injection	2nd Injection	Total number of 3rd injections given in 1960 (all classes)
Children	4	14	481
Expectant Mothers ..	—	3	
Young Persons	—	11	
Persons born before 1933 who have not passed their 40th birthday	9	6	
Total injections	13	34	481

Poliomyelitis vaccinations given at doctors' surgeries are not included in the above table.

B.C.G. Vaccination.

Skin Tests	189
Negative Re-actors received B.C.G. vaccination	131
Positive Re-actors	47
Absent at time of reading	5
Not vaccinated owing to health reasons	6

LABORATORY WORK

Bacteriological Examinations

FAECES

Number of
Specimens
10

Dysentery
Positive
Nil

Other
Organisms
Positive
Nil

THROAT SWABS

Haemolytic
Streptococcus
Not Pyogenes
4

Number of
Specimens
41

Streptococcus
Type 12
9

Pyogenes
Not Type 12
5

Diphtheria
—

NASAL SWABS

Haemolytic Streptococcus
Not Pyogenes
—

Number of
Specimens
41

Streptococcus
Type 12
—

Pyogenes
Not Type 12
2

Diphtheria
—

SPUTUM

Number of
Specimens
1

Tuberculosis
Positive
1

MILK

Number of
Samples
1

Milk Ring Test
Negative
1

CHOCOLATE

Number of
Samples
1

Pathogenic Organisms
Nil

WATER

Number of
Specimens
18

Class 1
5

Class 2
—

Class 3
5

Class 4
8

HEALTH SERVICES ADMINISTERED BY THE LOCAL HEALTH AUTHORITY (DURHAM COUNTY COUNCIL) IN YOUR AREA

County Medical Officer: Dr. G. Wilson, Health Department,
Shire Hall, Durham. Telephone No.
Durham 4411.

**Assistant County Medical
Officer (No. 10 Area):** Dr. M. W. Rodgers, Council Offices,
Sedgefield. Telephone No. Sedge-
field 555.

Advice on any of the services listed below may be obtained
on application to the above.

Welfare Services

(a) Residential Hostel Accommodation—This is provided for
aged, infirm and handicapped persons, but the accommodation at
present is limited.

Persons from your district maintained during the year in resi-
dential hostels were:—

Males	— 4
Females	— 4

Number of persons on waiting list:—

Males	— 2
Females	— 2

(b) Blind Persons—A comprehensive service is provided which
includes medical examination, home visiting and teaching, assis-
tance 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.

(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.

Figures for your district for 1960 were:—

	Male	Female
No. of registered blind persons	16	19
No. of registered partially sighted persons...	3	3
No. of registered deaf persons and hard of hearing persons	20	12
No. of registered physically handicapped persons	13	7

Home Nursing

Visits made by the district nurses during the year were:—

	Cases	Visits
(a) Medical cases	198	5,486
(b) Surgical Cases	54	1,036
(c) Tuberculosis	4	368
(d) Maternal complications	—	—

Domiciliary Midwifery Service

Births attended by County Midwives within your district were 157.

Total births (live and still)	157 domiciliary
Cases attended as midwife and nurse ...	157
Hospital patients discharged home before 14th day	55
Total cases attended	212

Health Visitors

The health visitors provide the link between the home and the County Health Department. They give advice on the care of young children, to expectant and nursing mothers and aged or ill persons and they stress the measures necessary to prevent the spread of infection.

Visits made in your district during the year

	No. of Visits
(a) maternity and child welfare	6,053
(b) tuberculosis	210
(c) general health	2
(d) mental deficiency	43
(e) school	154
(f) aged people	23

Domestic Help

Domestic helps are provided by the County Council where necessary in cases of sickness, childbirth, infirmity or other household emergencies. A charge may be made for this service under certain circumstances according to income scale.

During 1960 the service provided in your district was:—

No. of home helps employed during the year ...	13
Cases served at 1st January, 1960	19
New cases provided during year	11
Cases terminated	11
Cases attended at 31st December, 1960	19

Number of cases provided during the year

(a) Maternity including expectant mothers ...	2
(b) Tuberculosis	Nil
(c) Chronic sick (including aged and infirm) ...	28
(d) Others	Nil

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.

Seven patients were supplied with nursing equipment during the year.

Mental Health Services

Services are available for children and young adults who are mentally subnormal and six Junior Training Centres serve certain areas in the County. Proposals have now been approved for an expansion of the service, with the appointment of additional staff and the establishment of Adult Training Centres and more Junior Training Centres over the next five years.

	Male	Female	Total
Number registered as mentally defective	20	12	32
Number under Supervision in their own homes	12	10	22
Number in hospitals for mental defectives	8	2	10
Number of subnormal persons educated in subnormal schools	7	4	11

Vaccination and Immunisation

- (a) 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 Scheme. Facilities are also available for the vaccination of children at maternity and child welfare centres.
- (b) Immunisation against diphtheria and whooping cough may be carried out on application to maternity and child welfare centres or to any general practitioner operating under the National Health Service Act, free of charge.
- (c) B.C.G. vaccination against tuberculosis is offered to all school children from the age of 13 years and may, in certain circumstances, be carried out by chest physicians at the chest clinics.
- (d) Vaccination against poliomyelitis is available to the following groups of people:—
 1. Persons who have attained the age of 6 months and are under 40 years on the date of application for vaccination.

- Number of persons vaccinated and immunised will be found on page 16.

The County Council provides a free ambulance service for persons in your 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.

The table below shows the work undertaken on behalf of the Durham County Council by the Darlington ambulance service but it should be noted that these figures do not include patients living in the rural district who have been carried by vehicles in the County service as it is not possible to calculate these from the records:—

Residential Nurseries

Number of children in Children's Homes and Residential Nurseries—6.

CARE OF MOTHERS AND YOUNG CHILDREN

Arrangements exist for mothers and children under 5 years to attend Darlington Borough Clinics where this is more convenient. County Clinics to serve certain areas of the Rural District are held as shown in the following table.

Address of Centre	Sessions	
Sedgefield Surveyor's Office Tel. Sedgefield 221	Child Welfare Centre	Alternate Friday mornings.
Shildon Friends Meeting House, Byerley Road	Ante-natal Clinic	Alternate Monday mornings.
	Child Welfare Centre	Monday afternoons weekly.
Chilton Red Cross Station	Ante-natal Clinic	Alternate Wednesday mornings.
	Child Welfare Centre	Alternate Wednesday afternoons.
Middleton-St. George The Parochial Hall	Child Welfare Centre	Alternate Monday afternoons.
Newton Aycliffe Beveridge Hall	Child Welfare Centre	Thursdays weekly.
		Alternate Tuesday mornings.
	Ante-natal Clinic	Alternate Tuesday mornings.

Welfare Foods

National dried milk, orange juice, cod liver oil and vitamin tablets for mothers and babies are distributed from centres in the area as follows:—

Aycliffe Women's Institute	Wednesday mornings, 10 a.m. to 12 noon
Hurworth Women's Institute	Alternate Tuesday afternoons, 2 p.m. to 4 p.m.

and from the Child Welfare centres listed above.

Clinics and Welfare Centres held in the County Borough of Darlington which are attended by mothers from the Rural District

Maternity and Child Welfare Clinics

Corporation Road Methodist Schoolroom	Monday 10 a.m. to 12 noon 2 p.m. to 4 p.m.
Thompson Street Methodist Schoolroom, North Road	Monday 10 a.m. to 12 noon 2 p.m. to 4 p.m.
Albert Road, Schoolhouse, Albert Road	Tuesday 10 a.m. to 12 noon 2 p.m. to 4 p.m.
Eastbourne Nursery School, Belgrave Street	Wednesday 10 a.m. to 12 noon 2 p.m. to 4 p.m.
Coniscliffe Road Methodist Schoolroom, Coniscliffe Road	Thursday 2 p.m. to 4 p.m.
Cockerton Methodist Schoolroom, The Green, Cockerton	Friday 10 a.m. to 12 noon 2 p.m. to 4 p.m.
Haughton-le-Skerne Church Hall	Friday 2 p.m. to 4 p.m.

Ante-natal Clinics

Eastbourne Nursery School, Belgrave Street	Thursday 2 p.m. to 4 p.m.
Albert Road, Schoolhouse, Albert Road	Friday 2 p.m. to 4 p.m.

Hostels for Unmarried Mothers and Babies

The County Council maintain Smelt House, Howden-le-Wear, as a home for unmarried mothers and their babies and accommodation is also provided by the Durham Diocesan Moral Welfare Association.

Unmarried mothers are admitted to the maternity homes and hospitals controlled by the Regional Hospital Board.

Convalescent Home Accommodation

The E.F. Peile Home, Shotley Bridge, is available for mothers with babies under six months and for children aged one to five years. Admissions are made on the recommendation of the medical officers at the maternity and child welfare centres.

Admission to other convalescent homes may be arranged in certain circumstances.

School Medical Service

Permanent school clinics are held as under and children may attend the most convenient:—

Billingham, Queensway	Medical Officer attends Tuesday and Friday
Newton Aycliffe, Sugar Hill County Infants School	Medical Officer attends Tuesday and Friday
Sildon, Hallgarth House, Main Street	Medical Officer attends Tuesday and Friday

THE REGIONAL HOSPITAL SERVICES

Tuberculosis Service

Clinics are held at Hundens Unit, Hundens Lane, Darlington, on Monday, Tuesday, Thursday and Friday. All cases are seen by appointment.

Special Treatment Service

Clinics are held at Hundens Unit, Hundens Lane, Darlington, as follows:—

Women and Girls	Monday, Wednesday and Friday, 2 p.m. to 4 p.m.
Men and Boys	Tuesday—10 a.m. to 12 noon, 5 p.m. to 7 p.m. Thursday—5 p.m. to 7 p.m. Friday—5 p.m. to 7 p.m.

Infectious Disease

There are 23 beds at Hundens Unit, Hundens Lane, Darlington.

Chronic Sick Accommodation

There are 142 beds at East Haven, Darlington, and 50 beds at Cambridge House, Barnard Castle.

SECTION B

WATER SUPPLY, SEWERAGE AND SEWAGE DISPOSAL AND GENERAL SANITARY CIRCUMSTANCES

Distribution of Water

The parishes included within the area of the various statutory undertakers are as follows:—

Tees Valley and Cleveland Water Board

Archdeacon Newton (part), Barmpton (part), Bishopton, Brafferton (part), Coatham Mundeville, Denton (part), East and West Newbiggin, Great Burdon, High Coniscliffe, Hurworth, Killerby (part), Little Stainton, Low Coniscliffe, Low Dinsdale, Middleton-St.-George, Morton Palms, Neasham, Piercebridge, Sadberge, Summerhouse (part).

Durham County Water Board

Great Aycliffe, Brafferton (part), Denton (part), Great Stainton, Heighington, Houghton-le-Side, Killerby (part), Summerhouse (part), Walworth.

Darlington Corporation

Blackwell, Whessoe, Archdeacon Newton (part), Barmpton (part).

The only parish not included above is Sockburn and it is recommended in the Spens report that this area should go to the Tees Valley and Cleveland Water Board.

Darlington R.D.C.

The Council supply water in part of the parishes of Brafferton, Whessoe and Coatham Mundeville, which they purchase in bulk from the Tees Valley and Cleveland Water Board; and in Barmpton from a bulk supply from the Darlington Corporation.

General

All villages and hamlets have main piped water from the statutory undertakers except Denton and Low Dinsdale and the parish of Sockburn.

- (a) With regard to Denton there is a piped estate supply (spring which is unsatisfactory) and it is hoped that negotiations will be speeded up in connection with an alternative mains water supply.
- (b) The majority of the houses in Low Dinsdale parish are situated in the village of Middleton-St.-George and are supplied by the Tees Valley and Cleveland Water Board. In Low Dinsdale hamlet the houses take their supply from a private bore and shallow well. The supply in this area is unsatisfactory.

- (c) At Sockburn a private spring is piped and serves all the houses and this is unsatisfactory regarding purity. The quantity of water available is limited in the adjacent parishes of Neasham and Hurworth and Middleton-St.-George and if supplies to these parishes were improved it might be possible to take a mains water supply to Sockburn.

Bacteriological Examination of Water

			Class 1	Class 2	Class 3	Class 4
Aycliffe Village	...	...	1	0	2	1
Newton Aycliffe	...	...	1	0	0	0
Denton	...	...	0	0	1	1
Middleton-St.-George	...	...	1	0	0	0
Heighington	...	...	1	0	0	0
Sockburn	...	...	1	0	2	6
			5	0	5	8

In addition to the above, 86 samples taken by the Durham County Water Board, 2 taken by Darlington Corporation and all but 15 of a total of 780 samples taken by the Tees Valley and Cleveland Water Board were satisfactory.

It will be noted in the table above that three samples taken at Aycliffe Village were on bacteriological examination unsatisfactory. However, after the main had been flushed a Class 1 result was obtained. The supply at Denton is a private estate supply and is bacteriologically unsatisfactory and for this reason boiling notices are in operation. It is hoped that at some future date a supply will be available from the Tees Valley and Cleveland Water Board's main. The water at Sockburn is from a private spring which supplies a farm and four hinds cottages. The provision of a chlorinator is under consideration by the owner.

Average Hardness in parts per million.

			Total	Temp.	Perm.
Darlington Corporation	...	...	128	—	—
Durham County Water Board:					
(a) Burnhope—Tunstall Supply—					
as CaCO ₃	...	...	50	—	—
					or 3.5 grains per gl.
(b) Burnhope Tunstall Mainsforth					
T.V. & C.W.B.—					
as CaCO ₃	...	...	50	—	—
					or 3.5/7.5 grains per gl.

No waters in the area are known to be plumbo-solvent.

Progress Report on Schemes for Water Supply

Denton T.V. & C.W.B.

Extension of mains required; estimated cost to be provided following submission of full particulars.

The proportion of dwelling houses and the proportion of the population supplied from the public mains is as follows—

Parish	No. of Occ'pied houses	Approx Popu- lation	Water Authority Supplying	Direct to the house		By means of stand pipe	Total houses supplied	% of houses supplied	Pop. supplied direct	Pop. supplied by stand pipe
				Open	Meter					
Archdeacon Newton ..	19	62	T.V. & C.W.B. Church Com- missioners & Darlington Corporation.		15	—	15	79%	49	—
Newton Aycliffe ..	3,470	11,290	D.C.W.B.	3,466	4	—	3,470	100%	11,290	—
Great Aycliffe ..	252	820	D.C.W.B.	220	20	12	252	100%	781	39
Barnpton ..	25	81	D.R.D.C. T.V. & C.W.B.	10	5	—	15	60%	49	—
Bishopton ..	93	302	T.V. & C.W.B.	78	15	—	93	100%	302	—
Blackwell ..	150	488	Darlington Corporation	125	16	—	141	94%	459	—
Brafferton ..	47	153	D.R.D.C.	34	5	—	39	83%	127	—
Great Burdon ..	19	62	T.V. & C.W.B.	16	3	—	19	100%	62	—
Coatham Mundeville ..	46	150	D.R.D.C. & D.C.W.B.	28	11	—	39	85%	127	—
High Coniscliffe ..	83	270	T.V. & C.W.B.	66	17	—	83	100%	270	—
Low Coniscliffe ..	111	361	T.V. & C.W.B.	94	13	—	107	96%	348	—
Denton ..	19	62	Raby Estates	15	—	—	15	79%	—	—
Low Dinsdale ..	188	612	T.V. & C.W.B.	180	6	—	186	99%	606	—
East & West Newbiggin ..	8	26	T.V. & C.W.B.	—	4	—	4	50%	13	—
Great Stainton ..	24	78	D.C.W.B.	10	14	—	24	100%	78	—
Heighington ..	374	1,217	D.C.W.B.	280	71	1	352	94%	1,143	3
Houghton-le-Side ..	25	81	D.C.W.B.	4	10	—	14	58%	47	—
Hurworth ..	576	1,874	T.V. & C.W.B.	545	31	—	576	100%	1,874	—
Killerby ..	22	72	T.V. & C.W.B.	19	3	—	22	100%	72	—
Little Stainton ..	20	65	T.V. & C.W.B.	10	9	—	19	95%	62	—
Middleton-St.-George ..	†589	†2,916	T.V. & C.W.B.	560	27	—	587	99%	2,912	—
Morton Palms ..	16	52	T.V. & C.W.B.	5	8	—	13	81%	45	—
Neasham ..	90	293	T.V. & C.W.B.	77	8	—	85	94%	277	—
Piercebridge ..	49	159	T.V. & C.W.B.	44	5	—	49	100%	159	—
Sadberge ..	178	579	T.V. & C.W.B.	162	16	—	178	100%	579	—
Sockburn ..	8	26	Neasham Hill (Johnson)	8	—	—	8	100%	26	—
Summerhouse ..	29	94	T.V. & C.W.B.	26	3	—	29	100%	94	—
Walworth ..	37	120	D.C.W.B. & Walworth Est.	17	17	—	34	92%	100	—
Whessoe ..	158	515	D.R.D.C. & Darlington Corp.	144	13	—	157	99%	512	—
	6,725	22,880		6,243	369	13	6,625	98½%	22,463	42

† Includes 144 R.A.F. Married Quarters.

† Includes H.M. Forces stationed in district.

Sewerage and Sewage Disposal

The Aycliffe sewage disposal works deal with Aycliffe village, Newton Aycliffe and the Trading Estate. The average daily flow for the year ending March, 1961, was 674,000 gallons, the dry weather flow was 707,672 gallons. The design capacity of the works is 500,000 gallons dry weather flow therefore for some time the works have been overloaded. The consultant is preparing detail plans for extensions of the works to cater for the growth of Newton Aycliffe to a population of 20,000, to take the discharge of all sewage from the School Aycliffe Hospital into the Council's sewers on the new town, and to allow for increased flow from the Trading Estate. The design capacity of the works when complete will be 1,000,000 gallons dry weather flow per day. The pumps (wet well) to the existing recirculation system at the works were reported as having broken down in 1959 and the Council's consultants were then instructed to provide for alteration of the pump house and the provision of new dry well pumps. Work was started in connection with these alterations late in December.

The Middleton-St.-George new sewage works comprise two horizontal flow sedimentation tanks, two rectangular storm tanks, two circular rotary filters, two rectangular humus tanks, eight small sludge drying beds and a small pump house (for emptying contents from humus tanks and sedimentation tanks and dealing with supernatant liquor from sludge beds). The average daily flow for the year (ending March, 1961) was 106,000 gallons and the dry weather flow for this period was 92,700 gallons. The design capacity of the works was 100,000 gallons dry weather flow.

Work will start next year at Bishopton and Whessoe on the schemes for sewerage and sewage disposal. At Whessoe, new sewers and a pumping station are to be provided and the sewage will be discharged into the Corporation sewer. At Bishopton, sewage works, to include a recirculation system and new sewers with a pumping station are to be provided.

The consultant is making progress with the preparation of a scheme for new sewage works at Hurworth, and sewers and pumping stations at Hurworth Place and Neasham. Progress is being made on the completion of detailed drawing for a scheme to deal with the village of Low Coniscliffe and Merrybent estate. The pumping station to be erected at Low Coniscliffe will be large enough to deal at some future date with High Coniscliffe and will then discharge sewage from the three areas into the Corporation sewer near the water works.

A scheme has been started to deal with extensions to the existing sewerage arrangements at Sadberge which will bring a small area now draining into a septic tank into the Council's sewer.

Sewage works extensions at Sadberge, a sewerage scheme for High Coniscliffe and for certain other villages have still to be provided.

The progress made during 1960 will be seen in the following table:—

PROGRESS REPORT ON SEWAGE DISPOSAL AND SEWERAGE SCHEMES.

Name of Scheme and Area to be served	Sewerage	Date of M. of H. Enquiry	Est. Cost	Date Commenced	Date Completed	Remarks and Progress
Aycliffe Sewage Works Extension (Part II).	S.D.	26/4/60	£120,000	—	—	Approved by Council July, 1959. Preliminary report May, 1959. Public notice August, 1959. Approved Wear and Tees River Board January, 1960. Instructions from Ministry re preparation of detail plans.
Middleton-St.-George, Contract No. 1, 286 yds. and 230 yds. 12" sewer.	S. & S.D.	25/9/57	£25,400	24/11/58	—	Approved by Ministry 22/11/57. Tender accepted 1/10/58. Was substantially completed and works in operation December, 1959. Complete apart from electrification of pumping station and roads. Work completed.
Middleton-St.-George, Contract No. 2, 1,300 yds. of 12" and 9" sewer.	Sewerage	—	£13,150	15/9/59	17/9/60	
Bishopston.	S. & S.D.	25/9/57	£23,456	—	—	Tenders received 21st November, 1960. Enquiries re lowest tender before submission to Ministry.
Low Coniscliffe and Merrybent (High Coniscliffe included Sept. 1959).	Sewerage	None	£24,621	—	—	The County called for revised estimate for scheme including Merrybent, letter 16/7/57 and approved estimates 6/6/58. Further amendments requested by Tees Valley Water Board, Darlington Corporation and Wear and Tees River Board. Approved 7th October, 1959. Agreement reached re site of pumping station and precautions regarding pollution of river in event of breakdown of pumping station 4/11/60.
Whessoe.	Sewerage	5/8/53	£21,510	19/12/60	—	Work commenced.

PROGRESS REPORT ON SEWAGE DISPOSAL AND SEWERAGE SCHEMES—Continued.

Name of Scheme and Area to be served.	Sewerage	Date of M. of H. Enquiry	Est. Cost	Date Commenced	Date Completed	Remarks and Progress
Hurworth, Hurworth Place and Neasham.	S. & S.D.	21/7/59	£55,950	—	—	Hurworth scheme amended to take Neasham 4/11/57. Approval by Council 9/11/58, D.C.C. 11/12/58 and by River Board 22/12/58. Ministry enquiry 21/7/59, observations of Ministry re-pumping to Darlington dealt with late 1959. Council decided to continue with original scheme but dry weather flow to be increased to 120,000 g.p.d. Consultants instructed to prepare detail plans for Ministry 14/4/60.
Brafferton.	S. & S.D.	Not yet arranged	£5,650 (1952)	—	—	Not of such urgent character as would justify this being proceeded with at present (Ministry 1953).
Piercebridge.	S. & S.D.	Not yet arranged	£10,034 (1952)	—	—	Submitted to Ministry, 1954, urgency to be decided by local investigations.
†High Coniscliffe.	S. & S.D.	Not yet arranged	£4,853 (1953)	—	—	
Sadberge.	S. & S.D.	Not yet arranged	£3,747 (1953)	—	—	
Blackwell.	Sewerage	Not yet arranged	£6,687 (1955)	—	—	Submitted to Council. No progress.
Summerhouse.	S. & S.D.	Not yet arranged	£3,740 (1954)	—	—	Awaiting submission to Council. No progress.
Killerby.	S. & S.D.	Not yet arranged	£4,160 (1954)	—	—	Awaiting submission to Council. No progress.

† See note under Low Coniscliffe and Merrybent.

W.C. Conversions

Public Health Act, 1936, Section 47

During the year the Council's attention was drawn to the number of earth closets existing in the villages where sewerage facilities are available and it was decided that the owners be written to, informing them of the Council's intention of having these closets converted to the water carriage system. It is hoped that next year there will be a considerable increase in the number of W.C. conversions.

Consideration has also to be given to the conversion of earth closets in other parts of the Council's area where no proper sewerage facilities are available in an all out attempt to have every house provided with a water closet.

During the year 7 ash closets were converted to water closets. The owners of the properties concerned received a maximum grant of £12/10/- for each conversion.

The Council paid £87/10/- in grants during the year, only half the amount paid during the previous year when 14 ash closets were converted.

The total conversions carried out since the commencement of the voluntary scheme in 1937 number 194 ash closets and 176 privy middens at a total cost to the Council of £3,703/3/6.

In addition to the above, eight conversions were carried out during the year at Aycliffe where the Council paid half the cost of the conversion and sewer connection. The new sewerage scheme necessitated the separation of surface water from foul waters and the connection of foul drainage to the sewerage system. This special grant was made to assist property owners and to help to offset the high cost of excavation made necessary by the rocky nature of the terrain.

The Council paid £294/13/- in grants during the year.

The total conversions carried out at Aycliffe since the sewerage of the village was complete were 47 at a total cost to the Council of £2,050/1/11.

Public Scavenging

Refuse collection was carried out in a satisfactory manner during the year, a weekly collection being provided. For this purpose a fleet of six refuse vehicles (Shelvoke & Drewry Fore and Aft Tipper) manned by a staff of thirty men is employed. One new large 25/30 cu. yd. Fore and Aft Shelvoke & Drewry vehicle was brought into use during the year to replace the last of the small Bedford side loading vehicles. There is also an 800 gallons cesspool emptying machine in use manned by two men and 124 private cesspools and 56 tanks belonging to the Council were emptied. The machine, when not fully in use is loaned to the County Council for gully emptying.

Tips for the disposal of refuse are situated at Brafferton, Neasham, Piercebridge, Sadberge and Heighington. The Brafferton tip serves the major part of the Council's area.

SANITARY INSPECTION

Summary of inspections, investigations and visits made during the year.

Complaints investigated 14

Public Health Acts:—

Houses	25
Other Premises	4
Animals improperly kept	1
Dirty and verminous premises	7
Drainage defects	15
Conversions	145
Cesspools	4
Scavenging	15
Water Supplies (including samples)	19
Dangerous Buildings	3
Offensive Trades	1
Living Vans	42
Public Conveniences	23
Re-inspections	18
Schools	5

341

Housing Acts:—

Houses	205
Overcrowding	1
Certificate of disrepair	3
Improvement Grants	128
Applications for re-housing	22
Council house repairs and maintenance	666
Re-inspections	30
Demolitions	58

1113

Factories Acts:—

Factories with power	52
Factories without power	10
Outworkers	—
Sites of building operation and works of engineering construction	48

110

Food and Drugs Acts:—

Registered Food Premises	7
Food Shops	93
Restaurant Kitchens	11
Canteens	1
Public Houses	2
Ice Cream Vendors	5
Butchers' Shops	19
Poultry Packing	12
Milk Distributors	11

Slaughterhouses	...	...	...	...	...	19
Meat Inspection	...	...	...	...	...	221
Unsound Food	...	...	...	...	...	4
Knackers Yard	...	...	...	...	...	2
Bakehouse	...	...	...	...	...	10
						417
Shops Acts:—						42
Infectious Diseases:—						
Infectious Disease	...	...	...	...	...	16
Infectious contacts	...	...	...	...	...	7
Food Poisoning investigations	...	...	...	...	...	3
Dysentery investigations	...	...	...	...	...	1
Pathological specimens collected	...	...	...	...	...	14
Fumigations	...	...	...	...	...	—
						41
Rodent Control:—						56
Building Byelaws:—						
Foundations	...	...	...	...	...	76
Buildings in course of erection	...	...	...	...	...	100
Drains inspected and tested	...	...	...	...	...	541
Completed properties	...	...	...	...	...	380
Planning	...	...	...	...	...	70
						1,167
Miscellaneous:—						
Sundry visits	...	...	...	...	...	115
Interviews	...	...	...	...	...	182
Sewage Works	...	...	...	...	...	75
Sewerage	...	...	...	...	...	115
Refuse tips	...	...	...	...	...	22
Diseases of animals	...	...	...	...	...	1
Biological specimens	...	...	...	...	...	1
Disposal of dead	...	...	...	...	...	1
Ineffective visits	...	...	...	...	...	29
Footpaths and bridle roads	...	...	...	...	...	5
Petrol tanks	...	...	...	...	...	1
Fire prevention	...	...	...	...	...	1
Painting contracts	...	...	...	...	...	98
Furniture	...	...	...	...	...	48
Trade effluent samples	...	...	...	...	...	25
Shelters	...	...	...	...	...	47
Pumping Stations	...	...	...	...	...	27
Smoke Observations	...	...	...	...	...	15
Total	...	...	...	...	...	808

SECTION C

HOUSING

Erection of New Houses

The total number of inhabited houses at the 31st December was 6,762 and the number of houses built during the year under review is shown in the attached table.

New Houses completed during the year	With State Assistance	Unaided	Total	Total 1959
(a) By Local Authority	35	—	35	19
* (b) By any other Housing Authority	305	—	305	88
(c) By Private persons	1	48	49	27

*includes houses built at Newton Aycliffe.

Improvement Grants—Housing Act, 1959

1. Discretionary Grants

	No. of Separate Houses
(a) Applications approved by Local Authority during the year	23
(b) Total number of applications approved since inception of scheme	162
Amount paid in grants by the Council during the year.	£4,509 17s. 6d.
Total amount paid in grants by the Council since the inception of scheme.	£39,059 10s. 6d.

2. Standard Grants

(a) Applications approved by local Authority during the year	31
(b) Total number of applications approved since inception of scheme	36
Amount paid in grants by the Council during the year.	£1,247 10s. 6d.
Total amount paid in grants by the Council since the inception of scheme.	£1,247 10s. 6d.

Council Houses

The Council have built 491 Council houses up to the 31st December comprising 74 pre-war and 417 post-war houses. During the year 35 houses were erected compared with 19 during 1959.

Rent Act, 1957

Certificates of Disrepair

(1) Number of applications for certificates	1
(2) Number of decisions not to issue certificates	Nil
(3) Number of decisions to issue certificates	1
(a) in respect of some but not all defects	Nil
(b) in respect of all defects	1
(4) Number of undertakings given by landlords under paragraph 5 of the First Schedule	1
(5) Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule	Nil
(6) Number of Certificates issued	Nil
(7) Applications by landlords to Local Authority for cancellation of certificates	Nil
(8) Objections by tenants to cancellation of certificates	Nil
(9) Decisions by Local Authorities to cancel in spite of tenants' objection	Nil
(10) Certificates cancelled by Local Authority	Nil

SUMMARY OF HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES ELSEWHERE

	Houses Demolished	Displaced Persons	during year Families
A. Houses Demolished.			
In Clearance Areas.			
(1) Houses unfit for human habitation,	3	2	1
(2) Houses included by reason of bad arrangement, etc. ...	—	—	—
(3) Houses on land acquired under Section 43 (2) Housing Act, 1957 ...	—	—	—
Not in Clearance Areas.			
(4) As a result of formal or informal procedure under Section 17 (1) Housing Act, 1957	18	18	7
(5) Local Authority owned houses certified unfit by the Medical Officer of Health	17	17	5
(6) Houses unfit for human habitation where action has been taken under local Acts	—	—	—
(7) Unfit houses included in Unfitness Orders.	—	—	—
B. Unfit Houses Closed.			
(8) Under Sections 16 (4), 17 (1) and 35 (1) Housing Act, 1957	25	56	16
(9) Under Sections 17 (3) and 26, Housing Act, 1957 ...	—	—	—
(10) Parts of buildings closed under Section 18, Housing Act, 1957	—	—	—
C. Unfit Houses made Fit and Houses in which Defects were Remedied.		By Owner	By Local Authority
(11) After informal action by local authority		20	—
(12) After formal notice under:			
(a) Public Health Acts		—	—
(b) Sections 9 and 16 Housing Act, 1957		2	—
(13) Under Section 24, Housing Act, 1957		2	—
D. Unfit Houses in Temporary Use (Housing Act, 1957).			
Position at end of year.		No. of Houses (1)	No. of Separate Dwellings contained in (1) (2)
(14) Retained for temporary accommodation			
(a) under Section 48		—	—
(b) under Section 17 (2)		—	—
(c) under Section 46		—	—
(15) Licensed for temporary occupation under Section 34 or 53		—	—
E. Purchase of Houses by Agreement.		No. of Houses (1)	No. of Occupants of Houses in (1) (2)
(16) Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased in the year		—	—

SLUM CLEARANCE. PROGRESS REPORT

PARISH	Housing 5-year plan, 1956—1960	Added to list for 1961—1965	Houses dealt with	Houses not dealt with	Other Houses dealt with		
					By Orders	Made fit Formally	Informally
Archdeacon Newton ..	— 20	— 12	— 16	— 16	— 23	— 5	4
Aycliffe ..	— 4	1	— 4	1	— 5	1	7
Barmpton ..	5	6	4	6	— 2	2	3
Bishopton ..	1	—	—	1	—	—	12
Great Burdon ..	1	—	—	1	—	—	7
Blackwell ..	1	—	—	1	—	—	7
Brafferton ..	2	—	—	2	—	—	2
Coatham Mundeville ..	2	—	—	2	—	—	3
Coniscliffe High ..	3	1	2	1	— 7	1	5
Coniscliffe Low ..	1	1	—	2	— 2	—	5
Denton ..	—	—	—	1	—	—	—
Dinsdale Low ..	—	1	—	1	—	—	—
East & West Newbiggin ..	—	—	—	—	—	—	—
Great Stainton ..	10	—	1	—	—	—	4
Heighington ..	19	4	5	9	— 2	—	15
Houghton-le-Side ..	—	5	—	5	—	—	3
Hurworth ..	—	4	13	10	— 3	—	15
Killerby ..	—	—	—	—	—	—	—
Little Stainton ..	34	—	29	—	—	—	2
Middleton-St.-George ..	—	2	—	7	— 7	2	19
Morton Palms ..	4	—	1	—	—	—	1
Neasham ..	—	4	—	7	— 4	—	3
Piercebridge ..	20	—	10	10	— 9	—	4
Sadberge ..	1	—	—	1	— 4	—	5
Sockburn ..	2	—	1	1	—	—	—
Summerhouse ..	1	—	—	1	—	—	2
Walworth ..	3	—	2	1	— 2	—	1
Whesoe ..	—	—	—	1	—	—	2
	134	41	90	85	70	11	131

Houses in 5 year plan	134
Houses added to list for next 5 years ...	41
Houses dealt with	90
Houses not dealt with	85
Other houses dealt with	212
Total Houses dealt with by Closing, Demolition Orders, or made fit	302

Overcrowding

No cases of statutory overcrowding as such were reported during the year but applications are still being received from families "living in" for the tenancy of Council houses.

Sixty-five such applications were made as compared with sixty-two the previous year.

Applications for Council Houses.

Applicants residing in the Rural Area.

Villages where Houses are required	COUNCIL HOUSES		AGED PERSONS BUNGALOWS	
	No. with home of their own	No. without home of their own	No. with home of their own	No. without home of their own
Aycliffe, Great	21	4	3	1
Bishopton	2	—	1	—
Brafferton	5	—	1	—
High Coniscliffe	5	3	2	1
Low Coniscliffe	1	—	—	—
Heighington	17	6	5	1
Hurworth	24	9	9	3
Middleton-St.-George	28	23	19	3
Neasham	—	—	—	—
Piercebridge	9	8	3	2
Sadberge	5	9	10	2
Great Stainton	1	—	—	—
Summerhouse & Killerby	3	—	—	—
Whessoe	—	2	—	—
Walworth	2	2	—	—
	123	66	53	13

Moveable Dwellings.

At the end of the year there were 35 moveable dwellings of which 17 were unlicensed.

Licensed Sites.

There are two licensed sites each for six moveable dwellings and six sites for single caravans.

SECTION D.

INSPECTION AND SUPERVISION OF FOOD.

Inspection of Meat and Other Foods.

There are 4 licensed slaughterhouses in the district owned by private persons. One of these was not in use and one other went out of use during 1960. During the year 221 meat inspection visits were made when 646 carcasses with a total weight of approximately 47 tons was inspected.

	Cattle exclud- ing Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	123	1	—	426	96	—
Number inspected ..	123	1	—	426	96	—
All diseases except Tuberculosis and Cysticerci: Whole carcasses condemned	—	1	—	1	1	—
Carcasses of which some part or organ was condemned	24	—	—	7	4	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	19.51	100.0	—	1.87	5.20	—
Tuberculosis only : Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or organ was condemned	—	—	—	—	1	—
Percentage of the number inspected affected with tuberculosis ..	0.00	0.00	—	0.00	1.04	—
Cysticercosis : Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—

Carcasses and portions thereof and organs having a total weight of 6 cwt. 6 stones were found to be diseased or otherwise unfit for human consumption and were disposed of accordingly.

Five cwt. of potatoes and 61 tins of various foods found to be unsound were surrendered and destroyed.

Carcasses or large portions thereof are dyed green after inspection. Large amounts of meat are sent to an approved knackers' yard. Small quantities are disposed of by burial.

Slaughterhouse Report

The Slaughterhouse report was accepted by the Council and submitted to the Ministry.

Milk

Licences under the Special Designation Regulations were issued as follows:—

Tuberculin Tested	...	...	5	
Pasteurized	...	...	7	Total Distributors 10
Sterilized	...	...	4	

The following supplementary licences were issued:—

Tuberculin Tested	...	...	5	
Pasteurized	...	...	5	Total Distributors 5
Sterilized	...	...	2	

FOOD PREMISES

Shops

Further progress was made during the year regarding improvements to shops.

Satisfactory arrangements continued to be made in new food premises to enable them to comply with the Regulations.

The standard of hygiene was good and continued efforts were made to ensure maintenance of a high standard.

Food Vans

Many travelling shops and food vans continued to serve the area, particularly at Newton Aycliffe. Inspections of these were made as the opportunity occurred and from these and the absence of complaints it would appear that they operate in a satisfactory manner.

Other Food Premises

There are in the district a poultry packing station, a producer of liquid egg and two wholesale bakeries.

The conditions at the poultry packing station from which the output steadily increased are still not satisfactory, although there was some improvement during the year. The producer has given orders for machinery and plant to improve methods of production but the shortage of water still causes some difficulty.

At the egg packing station a small quantity of liquid egg is still produced.

Formal notice was served on the occupier of a bakehouse whose premises were unsuitable and equipment unsatisfactory. The occupier complied with the requirements of the notice and the premises were put into a satisfactory condition.

FOOD PREMISES.

	Bakers	Confectioners	Butchers	Fish Shop (wet and cooked)	Grocers and Provisions	General Dealers	Miscellaneous including Green Grocers	Licensed Premises Clubs Shops P.H. & Hotels	Cafes	Total
Aycliffe, Newton ..	4	6	6	2	9	1	11	2	2	47
Aycliffe, Great ..	—	1	2	—	1	2	—	1	1	10
Barmpton ..	—	—	1	—	1	2	—	—	—	1
Bishopston ..	—	—	—	—	—	—	—	—	—	6
Blackwell ..	—	—	1	—	—	—	—	—	—	2
Brafferton ..	—	—	—	—	—	1	—	—	—	2
Coatham Mundeville ..	—	—	—	—	—	1	—	—	—	2
Coniscliffe, High ..	—	—	—	—	—	1	—	—	—	2
Coniscliffe, Low ..	—	—	—	—	—	1	—	—	—	4
Dinsdale, Low ..	—	—	—	—	—	—	—	—	—	3
Great Stainton ..	—	—	—	—	—	1	—	—	—	1
Heighington ..	—	—	1	—	—	—	—	—	—	3
Hurworth ..	1	1	3	1	2	1	—	—	—	8
Middleton-St.-George ..	1	3	1	2	1	4	—	—	1	20
Neasham ..	—	—	—	—	1	4	—	1	1	17
Piercebridge ..	—	—	—	—	—	1	—	—	—	2
Sadberge ..	—	—	—	1	—	—	—	—	—	2
Summerhouse ..	—	—	—	—	—	3	—	—	—	6
Whessoe ..	—	—	—	—	—	1	—	—	—	2
	5	11	15	6	18	24	11	6	7	139

Registration of Food Premises, Food and Drugs Act, 1955, Section 16

There were no new applications for registration of premises for the preparation or manufacture of sausages or potted, pressed, pickled or preserved food intended for sale.

There are no manufacturers of ice-cream in the area. One application was received for registration of premises for the storage and sale of pre-packed ice-cream. The premises were inspected, found to be suitable and registered.

Registered premises are shown in the following table.

				Sale and Storage of Ice-Cream	The prepara- tion or manufacture of sausage, pickled or preserved food
Newton Aycliffe	...	...	...	6	—
Aycliffe, Great	...	...	...	5	1
High Coniscliffe	...	...	...	1	—
Heighington	...	...	...	3	1
Hurworth	...	...	...	7	3
Middleton-St.-George	...	...	...	8	—
Piercebridge	...	...	...	1	—
Whessoe	...	...	...	2	—
Bishopton	...	...	...	1	—
Sadberge	...	...	...	2	—
				36	5

Educational Activity

Educational activities took the form of visits to these premises and discussion with food handlers.

With the growth of Newton Aycliffe the number of larger shops in the area is increasing while in the villages the family business still predominates.

With new shops educational activity begins with the planning of the premises and discussion with the prospective occupiers while visits, discussions and instructions to the staff of existing premises help to maintain a satisfactory standard of hygiene generally.

SECTION E

CLEAN AIR ACT AND FACTORIES ACT

Industrial Premises

There are 74 industrial premises with furnaces of which 67 are situated on the North East Trading Estate.

There were no complaints regarding smoke emissions, although from time to time traders burn refuse in the open and the Council's tip at Brafferton can give cause for some concern in adverse wind conditions.

A total of 15 observations were made on factory chimneys and as a result three visits were made.

At one factory experiments have been carried out with different fuels, the grate has been shortened and the fan procedure altered to improve the density and reduce periods of emission of smoke but difficulty in obtaining the correct fuel for this particular stoker and plant remains the chief obstacle to the reduction of pollution.

In 1959 a boiler house attendants' course was held on the Trading Estate by the National Industrial Fuel Efficiency Service and it is hoped to arrange a similar course in 1962/63.

Three prior approvals were given during the year.

Domestic Premises

Consideration has been given to making a smoke control area of the new town of Newton Aycliffe. The Council decided to defer action pending a further report on the readings given by a deposit gauge and lead peroxide instrument set up near the town centre. These instruments were put into operation on the 1st October.

The following table shows results as compared with other nearby areas for the quarter ending 31st December, 1960.

Deposit Gauge—Lead Peroxide Instrument

Records for three months ending 31st December, 1960.

Deposit Gauge Site	Tyne of Site	Total Deposit		
		Tons per Square Mile		
		Oct.	Nov.	Dec.
Darlington R.D.C.				
Newton Aycliffe ...	R	12.83	7.37	6.22
Darlington Corporation				
E. D. Walkers Homes ...	R	9.69	5.45	7.30
Memorial Hospital ...	R	10.95	14.75	8.91
Stockton R.D.C.				
Eaglescliffe ...	R	7.28	11.23	12.88
Preston ...	R	12.88		15.23
Greatham ...	R	15.53	25.38	19.04

Lead Peroxide Instrument

Estimates of sulphur dioxide:—

Site	Type of Site	Milligrams of SO ₂ per 100 sq. centimetres per day		
		Oct.	Nov.	Dec.
Darlington R.D.C. Newton Aycliffe ...	... R	1.54	2.29	2.13

Darlington Corporation

Albert Hill ...	... I	0.79	1.59	1.80
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Remarks

These figures, being our first readings, can only be compared with those of our neighbours. Deposit gauge readings are very satisfactory, rainfall could account for high October figures. Sulphur dioxide figures are high and indicative of gross domestic smoke pollution in the absence of any other special circumstances.

Factories Acts 1937 to 1959

There are 133 factories in your district but of these there are only 16 in which mechanical power is not used.

The Act (Section 7) requires that suitable and sufficient sanitary accommodation must be provided and kept clean and in only one case were defects found to exist and these were remedied.

In the case of the factories in which mechanical power is not used, the other provisions relating to cleanliness, overcrowding, temperature, ventilation and drainage of floors come under the control of the local authority. In connection with these matters and from inspections made, no infringement of the Act was found to exist.

During the year the Durham County Fire Brigade Service Officers made three inspections of factories and following the execution of their recommendations three certificates for Means of Escape in Case of Fire were issued. The total number of certificates issued and in force are 31. There are no basement factories in your area.

There are no outworkers in your area.

Agriculture (Safety, Health and Welfare Provisions) Act, 1956

A report on the administration of Sections 3 and 5 relating to the provision of and maintenance of cleanliness in sanitary conveniences provided for agricultural workers was submitted to the Council. This showed that generally conditions in the 316 agricultural properties were satisfactory.

**PRESCRIBED PARTICULARS ON THE ADMINISTRATION
OF THE FACTORIES ACT, 1937 to 1959.**

PART 1 OF THE ACT.

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

PREMISES (1)	Number on Register (2)	Number of		
		Inspec- tions (3)	Written Notices (4)	Occu's Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority.	16	10	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	117	52	2	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	38	48	—	—
Totals	171	110	2	—

2. Cases in which Defects were found.

Particulars	Found	Remedied	Referred by H.M. Inspector	Referred by H.M. Inspector	No. of Cases in which prosec'n were instituted
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S1) ..	—	—	—	—	—
Overcrowding (S2) ..	—	—	—	—	—
Unreasonable temperature (S3) ..	—	—	—	—	—
Inadequate drainage of floors (S6) ..	—	—	—	—	—
Sanitary Conveniences (S9)					
(a) Insufficient ..	1	—	—	1	—
(b) Unsuitable or defective	1	1	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	3	†3	—	—	—
	5	4	—	2	—

† Means of Escape in Case of Fire (Certificate).

SECTION F

MISCELLANEOUS

Rag Flock and other Filling Materials Act and Regulations, 1951

There are no manufacturers in the district but three registered premises where these materials are used.

Food and Drugs Act, 1955—Knackers Yard

There is one licensed knackers yard in the area. Inspections have been made and the present methods of slaughter found to be satisfactory.

Prevention of Damage by Pests Act, 1959

During the year the Council's sewers were tested, baited and treated as recommended by the Ministry.

Sewers on the trading estate and in Newton Aycliffe not vested in the Local Authority have not been treated but arrangements are in hand for treatments to be started in 1961.

25 local government properties, 25 dwelling houses and 4 business premises and 2 agricultural properties were found to be infested and successfully treated.

29 complaints were received and dealt with.

During the year the Development Corporation for Newton Aycliffe arranged for the training of one of their own staff as Rodent Operator to deal with complaints received at their housing department. The Council provided poison baits and any necessary advice.

Petroleum (Regulations) Act, 1928-36

Licensing of Petroleum Installations

During the year petrol installations were examined by Officers of the County Fire Brigade Service and recommendations made regarding requirements.

There were sixty-seven renewal licences issued in connection with the storage of petroleum spirit during the year and no new licences were issued.

The number of installations in the various parishes is shown in the chart below.

Aycliffe	23	Coniscliffe High	3	Middleton St. G.	5
Coatham Mund.	1	Dinsdale Low	1	Neasham	2
Blackwell	2	Great Burdon	2	Piercebridge	3
Bishopton	4	Heighington	3	Sadberge	4
Barmpton	1	Hurworth	5	Summerhouse	2
Coniscliffe Low	3			Whessoe	3

Byelaws in force in District

The Council's Building Byelaws were amended on the 7th April, 1952, to allow for the substitution of 7 ft. 6 in. ceiling heights for 8 ft. The amendment in the Byelaws came into effect as and from 1st August, 1952. The same byelaws were amended under Section 61 of the P.H.A. 1936 and Section 24, Clean Air Act, 1956, to provide for arrangements in buildings for prevention of smoke (1st June 1959).

New Streets	9th May, 1938
Food Handling	8th May, 1950
Byelaws relating to the Sanitary Conditions and Management of Private Slaughterhouses	1st April, 1957
Nuisances contrary to Public Decency in the Parishes of Great Aycliffe, Heighington, Hurworth and Middleton- St.-George	1st June, 1957



Prudhoe, Darlington