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THE RURAL DISTRICT COUNCIL OF DARLINGTON

ANNUAL REPORT
OF THE
MEDICAL OFFICER
OF HEALTH



1962



DARLINGTON RURAL DISTRICT COUNCIL

1962

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

Clerk to the Council

J. PATTINSON.

**PUBLIC HEALTH OFFICERS AND STAFF
OF THE LOCAL AUTHORITY**

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Additional Public Health Inspector

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Engineering Assistant

J. CUTHBERTSON

Sewage Works Manager

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G. BLAKEY, *returned from National Service 30th July, 1962*
Resigned 16th September, 1962

MISS C. CALTHORPE

Appointed 8th October, 1962

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ANNUAL REPORT, 1962

DARLINGTON RURAL DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you the 81st annual report on the health and sanitary circumstances of your district for the year 1962.

The population increased from 24,000 to 25,440. The vital statistics reveal an increase in the birth rate and a decline in the rates for infant mortality and for still births. For the fifteenth year in succession there were no maternal deaths. The general death rate increased slightly but the unadjusted figure was well below the rate for England and Wales.

The incidence of infectious disease was very small and the number of notifications was the lowest on record.

Progress continued with sewerage and sewage works schemes with the completion of the sewage works at Bishopton, the pumping station and 6" rising main at Whessoe and the commencement of work on the Hurworth, Hurworth Place and Neasham sewerage and sewage disposal scheme. Preparations were also well advanced for an early start in 1963 on part two of the Aycliffe sewage works extension.

Water closet conversions continued to be made and the complete abolition of earth closets in sewered areas is expected in 1963. Works towards the completion of the ten year plan for dealing with unfit houses continued satisfactorily.

In conclusion, I should like to take this opportunity of thanking the Council, the Clerk of the Council and his staff for their continued courtesy and co-operation and to express appreciation to Mr. Collins, Surveyor and Senior Public Health Inspector and the staff of the Health Department for their assistance throughout 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)	25,440
Total number of houses at 31st December, 1962 (including R.A.F. Married Quarters)	7,562
Number of inhabited houses (excluding R.A.F. Married Quarters at 1st April, 1962)	7,135
Rateable value at 1st April, 1962	£363,179
Sum represented by a penny rate	£1,513 4s. 11d.
General Rate (excluding additional items and special rates in certain parishes) made in respect of the financial year ending 31st March, 1963	£1 0s. 6d.

Social Conditions and Employment

During 1962 there was a slight drop in the general level of employment but the Aycliffe Industrial Estate increased its labour force and in spite of minor variations at individual firms continued to make steady progress.

At the end of the year the employment on the Aycliffe Industrial Estate was 3,768 male and 1,011 female making a total of 4,779 as compared with 4,409 the previous year.

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

Estimated Population of Darl'ton 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	
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
24,000	1961	187	12.9	12.0	14	26.6	21.4	526	16.9	17.4
25,440	1962	228	*8.9	11.9	13	22.1	21.6	587	*23.07	18.0

*Rate before adjustment by comparability factor, supplied by Registrar General.

VITAL STATISTICS

Population – 25,440
(1961 Population – 24,000)

Live Births

Number – 587.

Rate per 1,000 population – 23.07.

The adjusted rate in accordance with the comparability factor supplied by the Registrar General – 17.5.

Illegitimate live births per cent of total live births – 3.1 %.

Still Births

Number – 8.

Rate per 1,000 live and still births – 13.4.

Total live and still births

Number – 595.

Infant Deaths

Number – 13.

Total infant deaths per 1,000 total live births 22.1

Legitimate infant deaths per 1,000 legitimate live births 22.8

Illegitimate infant deaths per 1,000 illegitimate live births Nil.

Neo-natal mortality rate – 13.6.

Early neo-natal mortality – 13.6.

Perinatal mortality rate – 26.9.

Maternal deaths (including abortion)

Number – Nil.

Deaths, all ages

Number – 228.

Rate per 1,000 of the population 8.96.

The adjusted death rate in accordance with the comparability factor supplied by the Registrar General – 14.9.

Rate as compared with England and Wales

	Darlington R.D.C.	England and Wales
Live birth rate per 1,000 population	23.07	18.0
Still birth rate per 1,000 live and still births	13.4	18.1
Infantile mortality rate per 1,000 live births	22.1	21.6
Neo-natal mortality rate per 1,000 live births	13.6	15.1
Perinatal mortality rate per 1,000 live and still births	26.9	30.8
Maternal deaths excluding abortion	Nil.	0.28
Maternal deaths due to abortion ..	Nil.	0.07
Total maternal mortality	Nil.	0.35
Death rate per 1,000 population ..	8.9	11.9

ANALYSIS OF STATISTICS

The population increased from 24,000 to 25,440 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
0.76	1.66

Live Births

There was a considerable increase in the number of live births, 587 as compared with 526 the previous year. This gives a rate of 23.07 per 1,000 population. The rate after adjustment by the comparability factor is 17.5. The number of illegitimate births was double the 1961 figure giving a percentage of 3.1 as compared with 1.7.

	Male	Female	Total
Legitimate	305	264	569
Illegitimate	11	7	18
	316	271	587

Still Births

The number of still births was the same as in 1961 but, because of the increase in the total number of births the rate was lower and was, for the third year in succession below the rate for the country.

Legitimate	..	..	..	1	3	4
Illegitimate	..	..	..	2	2	4
				<u>3</u>	<u>5</u>	<u>8</u>

Deaths of infants under 1 year.

Thirteen infants died during 1962 as compared with fourteen the previous year giving a rate of 22.1 per 1,000 total live births. This is a considerable improvement over the 1961 rate which was 26.6.

Eight deaths occurred during the first week of life, seven from prematurity and one from birth injury. The remaining five occurred after the age of one month and two of these were caused by congenital malformations.

				Male	Female	Total
Legitimate	..	..	..	7	6	13
Illegitimate	..	..	..	—	—	—
				<u>7</u>	<u>6</u>	<u>13</u>

				Male	Female	Total
Under 1 week	..	..	..	6	2	8
1 week and under 4 weeks	..			—	—	—
Over 4 weeks	..	..	..	1	4	5
				<u>7</u>	<u>6</u>	<u>13</u>

Causes

				Under 1 week Male	Female	Over 4 weeks Male	Female
Prematurity	..	..	..	5	1	—	—
Atelectasis with Prematurity				—	1	—	—
Congenital malformations	..			—	—	—	2
Birth injury	..	..	..	1	—	—	—
Pneumonia	..	..	..	—	—	—	2
Accident	..	..	..	—	—	1	—
				<u>6</u>	<u>2</u>	<u>1</u>	<u>4</u>

Deaths (all ages)

The number of deaths registered in your district after correction for inward and outward transfers was 228, an increase of 41 over the previous year. This gives a rate of 8.96 per 1,000 population. The rate after adjustment by the comparability factor supplied by the Registrar General is 14.9.

Table Showing Causes of Death

					Male	Female	% of total deaths
Tuberculosis (Respiratory)	..	..	..	—	—	—	—
Tuberculosis (other)	..	..	..	—	—	—	—
Syphilitic Disease	..	..	..	—	—	—	—
Diphtheria	..	..	..	—	—	—	—
Whooping Cough	..	..	..	—	—	—	—
Meningococcal Infection	..	..	..	—	—	—	—
Acute Poliomyelitis	..	..	..	—	—	—	—
Measles	..	..	..	—	—	—	—
Other Infective and Parasitic Diseases	..	..	..	—	1	0.5	0.5
Malignant Neoplasm, Stomach	..	..	..	6	2	3.5	3.5
Malignant Neoplasm, Lung Bronchus	..	..	..	3	2	2.2	2.2
Malignant Neoplasm, Breast..	..	..	..	—	5	2.2	2.2
Malignant Neoplasm, Uterus	..	..	..	—	2	0.9	0.9
Other Malignant and Lymphatic Neoplasms	..	..	..	7	11	7.9	7.9
Leukaemia, Aleukaemia	..	..	..	—	1	0.4	0.4
Diabetes	..	..	..	—	1	0.4	0.4
Vascular lesions of nervous system	..	..	..	9	18	11.8	11.8
Coronary Disease, Angina	..	..	..	25	17	18.4	18.4
Hypertension with heart disease	..	..	..	—	—	—	—
Other Heart Disease	..	..	..	15	9	10.5	10.5
Other circulatory disease	..	..	..	4	14	7.9	7.9
Influenza	..	..	..	2	2	1.8	1.8
Pneumonia	..	..	..	6	6	5.3	5.3
Bronchitis	..	..	..	6	2	3.5	3.5
Other diseases of respiratory system	..	..	..	3	—	1.3	1.3
Ulcer of stomach and duodenum	..	..	..	2	1	1.3	1.3
Gastritis, Enteritis and Diarrhoea	..	..	..	1	2	1.3	1.3
Nephritis and Nephrosis	..	..	..	2	1	1.3	1.3
Hyperplasia of Prostate	..	..	..	—	—	—	—
Pregnancy, Childbirth and Abortion	..	..	..	—	—	—	—
Congenital Malformations	..	..	..	—	2	0.9	0.9
Other defined and ill defined diseases	..	..	..	10	16	11.4	11.4
Motor vehicle accidents	..	..	..	2	1	1.3	1.3
All other accidents	..	..	..	4	3	3.1	3.1
Suicide	..	..	..	1	1	0.9	0.9
Homicide and operations of war	..	..	..	—	—	—	—
				108	120	100.0	

Death Rate for certain diseases as compared with England and Wales

				Rate per 1,000 Population	
				Darlington Rural District	England and Wales
General death rate	..	..	..	8.96	11.9
Cancer, Lung and Bronchus	..	..	..	0.196	0.510
Other Cancer	..	..	..	1.297	1.667
Vascular lesions of nervous system				1.06	1.67
Coronary Disease, Angina	..	..	..	1.65	2.195
Hypertension with heart disease				Nil	0.225
Other heart disease	..	..	..	0.94	1.5
Other circulatory disease	..	..	..	0.71	0.539
Respiratory Tuberculosis	..	..	..	Nil	0.059
Other Tuberculosis	..	..	..	Nil	0.007
Influenza	..	..	..	0.16	0.07
Pneumonia	..	..	..	0.47	0.66
Acute Poliomyelitis	..	..	..	Nil	0.0004

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	M F
Deaths	6 2	1 4	2 4	1 1	3 1	3 -	1 1	- 1	1 4	- 1	3 2

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	1 3	7 5	9 6	10 16	16 16	15 15	12 18	8 11	1 4	- 1

There was little change in the general pattern. Diseases of heart and arteries grouped together, of which coronary disease formed the largest sub-division, accounted for almost half and malignant disease for one sixth of the total number of deaths.

Approximately 34% of all male deaths and 41% 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	-25 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 and over M F	Total M F
Stomach ..	—	—	—	—	—	—	—	1 —	—	1 —	2 —	2 2	6 2
Lung ..	—	—	—	—	1 1	—	—	1 —	—	1 —	—	—	3 2
Breast ..	—	—	—	—	—	2	1	—	1	—	—	—	5
Uterus ..	—	—	—	—	—	—	—	—	1	—	—	—	2
Buccal Cavity & Pharynx	—	—	—	—	—	—	—	—	—	—	—	—	—
Digestive Organs other than Stomach ..	1	—	—	—	—	—	—	—	1	—	—	1 4	3 5
Respiratory System other than Lung ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Genito urinary organs other than Uterus ..	—	—	—	—	—	—	—	—	—	1 —	2	1 1	2 3
Other Sites ..	1	—	1	—	—	—	—	—	1	—	1	—	2 4
	1	—	1	—	1 1	2	1	2 1	2 3	4 3	2 3	4 8	16 23

NOTIFIABLE DISEASES

Thirteen cases of infectious disease were notified in 1962 as compared with 520 in 1961. This is the lowest number of notifications on record. The previous lowest figure was in 1948 when 63 cases were notified. The fact that 1962 was a non-epidemic year for Measles was a major factor in the large reduction in numbers but, quite apart from this, there was very little infectious disease of any kind.

As will be seen in the following table two cases of food poisoning were reported and one of the patients aged 85 died from the disease. The infection, due to *Salmonella* Newport, was traced to the same source as the cause of an outbreak in a neighbouring borough. The contacts of the notified cases were investigated and two further cases and one symptomless carrier were discovered.

The number of notifications of tuberculosis was 5 pulmonary as compared with 6 pulmonary and 1 non-pulmonary in the previous year, and for the first time on record no deaths occurred from either form of the disease.

The Mass Radiography did not operate in your district during 1962.

NOTIFIABLE DISEASES

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 unknown	Total Deaths
	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	
Scarlet Fever ..	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal ..	—	—	—	—	—	—	—	—	—	—	—	—
Infection ..	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia ..	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum ..	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ..	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis :	—	—	—	—	—	—	—	—	—	—	—	—
(a) Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
(b) Non-Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—
(Primary & Infl.) ..	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever (incl. Paratyphoid) ..	3	—	1	1	—	—	1	1	—	—	—	—
Measles ..	3	—	—	—	—	—	1	—	—	—	—	1
Whooping Cough ..	2	—	—	—	—	—	—	—	—	2	—	—
Food Poisoning ..	—	—	—	—	—	—	—	—	—	—	—	—
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis :	5	—	—	—	—	—	—	—	—	4	1	—
(a) Pulmonary ..	—	—	—	—	—	—	—	—	—	—	—	—
(b) Other ..	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	1	1	—	—	2	1	—	4	3	1

All notifications were confirmed.

TUBERCULOSIS

New cases and Mortality during 1962.

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 ..	—	—	—	—	—	—	—	—
11—15 ..	—	—	—	—	—	—	—	—
16—20 ..	—	—	—	—	—	—	—	—
21—25 ..	—	—	—	—	—	—	—	—
26—35 ..	—	1	—	—	—	—	—	—
36—45 ..	1	—	—	—	—	—	—	—
46—55 ..	2	—	—	—	—	—	—	—
56—65 ..	1	—	—	—	—	—	—	—
66 & over ..	—	—	—	—	—	—	—	—
Total ..	4	1	—	—	—	—	—	—

The total number of new cases for 1962 was 5 pulmonary compared with 6 pulmonary and 1 non-pulmonary in 1961.

There were no deaths from tuberculosis as compared with 1 in 1961.

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	
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	—	—
1961	4	2	1	—	—	1	—	—
1962	4	1	—	—	—	—	—	—

Number of cases on register

Year	Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total
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
1961	49	37	86	6	7	13
1962	50	37	87	6	7	13

Tuberculosis Mortality Rate : Respiratory 1962 — Nil.
Non-Respiratory 1962 — Nil.

CASE RATES FOR INFECTIOUS DISEASE, 1962

					Rate per 1,000 Home Population	
					Darlington R.D.C.	England and Wales
Notifications (corrected)						
Scarlet Fever	..	..	..	..	Nil	0.33
Whooping Cough	..	..	..	..	0.1	0.18
Measles	..	..	..	..	0.1	3.96
Pneumonia	..	..	..	..	Nil	0.27
Poliomyelitis:						
Paralytic	..	..	..	..	Nil	0.0045
Non-Paralytic	..	..	..	..	Nil	0.001
Food Poisoning	..	..	..	..	0.08	0.11
Dysentery	..	..	..	..	Nil	0.66
Tuberculosis:						
Respiratory	..	..	..	..	0.2	0.385
Non Respiratory	..	..	..	..	Nil	0.057

FOOD POISONING

(a) Food Poisoning Notification (corrected)

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	2	—	—
Total — 2			

(b) Cases otherwise ascertained

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	2	—	—
Total — 2			

(c) Symptomless Excretors

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	1	—	—
Total — 1			

(d) Fatal Cases

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	1	—	—
Total — 1			

Particulars of Outbreaks

Agent	No. of Outbreaks		No. of Cases	
	Family	Other	Notified	Otherwise ascertained
Salmonella Newport	Nil.	1	2	2
Total — 4				

Single Cases

Nil.

National Assistance Act, 1948, Section 47

No statutory action was taken under this section.

VACCINATION AND IMMUNISATION

The numbers of persons vaccinated or immunised in the district for which records were received during 1962 are given in the following tables:—

Smallpox

	Under 1 yr.	1 yr.	2-4 yrs.	5-14 yrs	15 yrs. and over	Total
Vaccinated	235	72	150	457	635	1,549
Re-vaccinated	2	4	29	146	499	680

Diphtheria, Whooping Cough and Tetanus

	Primary Immunisations				Re-inforcing Injection			
	Under 1 year	1-4 yrs	5-14 years	Total	Under 1 year	1-4 yrs	5-14 years	Total
Diphtheria (either singly or in combina- tion)	104	208	14	326	—	13	139	152
Whooping Cough (either singly or in combination) ..	108	208	10	326	—	13	107	120
Tetanus (either singly or in combination)	78	126	7	211	—	11	42	53

Poliomyelitis

Age Group	Vaccinations carried out by General Practitioners		Vaccinations carried out at School Sessions, Clinics and open sessions	
	No. of persons who have received two injections Salk, three doses Oral		No. of persons who have received two injections Salk, three doses Oral	
Children born in 1962	—	8	—	8
Children born in 1961	38	59	3	51
Children and young persons born 1943-60	236	74	3	722
Young persons born 1933-42	99	31	—	78
Others	202	50	2	204
	575	222	8	1,063

Reinforcing doses given by General Practitioners		Reinforcing doses given at Sessions	
No. of persons given third injections of Salk vaccine	525	No. of persons given third injections of Salk vaccine	2
No. of persons given fourth injections of Salk vaccine	108	No. of persons given fourth injections of Salk vaccine	—
No. of persons given a re- inforcing dose of Oral after:		No. of persons given a re- inforcing dose of Oral after:	
2 Salk doses	277	2 Salk doses	155
3 Salk doses	102	3 Salk doses	545

B.C.G. Vaccination

Number of children skin tested	..	..	..	..	422
Number of children vaccinated	..	..	..	..	273
Number of children positive	..	..	..	..	100
Number of children not vaccinated owing to health reasons (25 from Redworth Hall)	..	..	..	..	35
No. of children absent at time of reading	..	..	..	..	14

LABORATORY WORK

Bacteriological Examinations

FAECES

Number of Specimens	Dysentery Positive	Salmonella Newport
24	Nil	10

MILK

Number of Specimens	Milk Ring Test +++
4	1

FOOD

Number of Specimens	Organisms
1	Nil.

WATER

Number of Specimens	Class 1	Class 2	Class 3	Class 4
33	22	2	1	8

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

County Medical Officer: Dr. S. Ludkin,
County Hall, Durham,
Telephone No. Durham 4411.

**Assistant County Medical
Officer (No. 10 Area)** Dr. M. W. Rodgers,
Council Offices, Sedgefield,
Telephone No. Sedgefield 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 residential hostels were:—

Males	— 3
Females	— 6

Number of Persons on waiting list:—

Males	— 3
Females	— 8

(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.

(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 1962 were:—

	Male	Female	Total
No. of registered blind persons ..	12	19	31
No. of registered partially sighted persons	3	3	6
No. of registered deaf and dumb persons	17	15	32
No. of registered hard of hearing persons	4	5	9
No. of registered physically handicapped persons	24	13	37
No. of visits made by Welfare Officer ..	29	7	36

Home Nursing

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

	Cases	Visits
(a) Medical cases	164	4,353
(b) Surgical cases	57	1,847
(c) Tuberculosis	5	213
(d) Maternal complications	—	—

Domiciliary Midwifery Service

Births attended by County Midwives within your district were

Total births (live and still)	139
Cases attended as midwife and nurse	139
Hospital patients discharged home before 10th day	65
Total cases attended	204

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	8,047
(b) tuberculosis	249
(c) general health	6
(d) mental sub-normality	93
(e) school	233
(f) aged people	85

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 1962 the service provided in your district was:—

No. of home helps employed during the year	26
Cases attended at 1st January, 1962	33
New cases provided during year	16
Cases terminated	12
Cases attended at 31st December, 1962	37

Number of cases provided during the year

(a) Maternity, including expectant mothers	1
(b) Tuberculosis	Nil
(c) Chronic sick (including aged and infirm)	46
(d) Others	2

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.

Fourteen 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.

	Total
Number registered as mentally subnormal	46
Number under supervision in their own homes	34
Number of persons in mental hospitals	12
Number of persons being educated in special schools ..	15

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, whooping cough and tetanus 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 11 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.
 - 2. Expectant mothers.
 - 3. General medical practitioners and their families.
 - 4. Ambulance drivers and their families.
 - 5. Hospital staffs, medical students and their families.

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

Ambulance Services

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.

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

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:—

No. of journeys undertaken	..	..	..	..	1,484
Cases carried (a) stretcher cases	..	..	..	..	324
(b) sitting cases	..	..	..	..	1,271
Mileage covered	..	..	..	..	14,965

Residential Nurseries

Residential nurseries are available for certain cases and information regarding these may be obtained from the Children's Officer, Crossgate Moor, Durham. Telephone No. Durham 3311.

Number of children in care at the 31st December, 1962 was one.

CARE OF MOTHERS AND YOUNG CHILDREN

County Child Welfare Clinics to serve certain areas of the Rural District are held in Sedgefield, Shildon, Chilton, Middleton-St.-George and Newton Aycliffe, and arrangements exist for mothers and children to attend Darlington Borough Clinics.

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:—

Hurworth Women's Institute Alternate Tuesday afternoons,
2 p.m. to 4 p.m.

and from the Child Welfare centres.

REGIONAL HOSPITAL SERVICE

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:—

Monday (female)	2 p.m. to 4 p.m.
Tuesday (male)	10 a.m. to 12 noon. 5 p.m. to 7 p.m.
Wednesday (female)	2 p.m. to 4 p.m.
Thursday (male)	5 p.m. to 7 p.m.
Friday (female)	2 p.m. to 4 p.m.
(male)	5 p.m. to 7 p.m.

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).

Note:

The Board advised the Council that the supply in the parishes of Hurworth and Neasham was insufficient to accommodate any new development but that they are preparing a scheme for augmentation of the Board's mains, the scheme to include proposals for supplying part of Low Dinsdale parish and Sockburn referred to below.

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).

Darlington R.D.C.

The Council supply water in part of the parishes of Brafferton, Whessoe, 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 an alternative main water supply can be arranged from the Tees Valley and Cleveland Water Board main at Summerhouse.

- (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.

Bacteriological Examination of Water

The Tees Valley and Cleveland Water Board took 793 samples, Durham County Water Board took 52 samples and Darlington Corporation took 2 samples. With the exception of two of the samples taken by Durham County Water Board all were reported as satisfactory.

Other samples taken by this department were as follows:—

	Class 1	Class 2	Class 3	Class 4
Tees Valley & Cleveland Water Board supplies	2	—	—	—
Durham County Water Board	12	—	1	—
Denton Village private estate supply	1	1	—	7
Private supply to cottage near Denton	2	1	—	1
Tees Valley & Cleveland Water Board supply to farm near Sadberge	3	—	—	—
Darlington Corporation ..	2	—	—	—

Boiling notices are still in operation in the village of Denton.

Average Hardness in Parts per Million

Darlington Corporation 128 ppm

Durham County Water Board:

(a) Burnhope-Tunstall supply as CaCO_3 50 ppm. or 3.5 grains per gl.

(b) Burnhope-Tunstall Mainsforth as CaCO_3 50-110 ppm. or 3.5/7.5 grains per gl.

	River Tees Supply			Lartington Supply		
	Non-Carb.			Non-Carb.		
	Total	Carb.	Carb.	Total	Carb.	Carb.
Tees Valley and Cleveland Water Board	108	63	45	47	35	12

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 Occupied Houses	Approx. Population	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	63	T.V. & C.W.B. Church Commissioners and D'ton Corporation	12	4	—	16	84	53	—
Newton Aycliffe ..	4,094	13,511	D.C.W.B.	4,085	9	—	4,094	100	13,511	—
Great Aycliffe ..	246	812	D.C.W.B.	228	12	6	246	100	792	20
Barnpton ..	22	73	D.R.D.C. T.V. & C.W.B.	11	5	—	16	73	53	—
Bishopton ..	90	297	T.V. & C.W.B.	75	15	—	90	100	297	—
Blackwell ..	152	502	Darlington Corporation	122	30	—	152	100	502	—
Brafferton ..	45	149	D.R.D.C.	36	5	—	41	93	307	—
Great Burdon ..	17	57	T.V. & C.W.B.	18	3	—	21	100	57	—
Coatham Mundeville ..	44	146	D.R.D.C. & D.C.W.B.	38	12	—	40	91	132	—
High Coniscliffe ..	82	271	T.V. & C.W.B.	72	10	—	82	100	271	—
Low Coniscliffe ..	119	393	T.V. & C.W.B.	100	13	—	113	95	373	—
Denton ..	19	63	Raby Estates	15	—	—	15	79	50	—
Low Dinsdale ..	190	627	T.V. & C.W.B.	183	6	—	189	99	624	—
East & West Newbiggin ..	8	27	T.V. & C.W.B.	—	4	—	4	50	14	—
Great Stainton ..	24	80	D.C.W.B.	12	12	—	24	100	80	—
Heighington ..	405	1,337	D.C.W.B.	293	100	—	393	97	1,300	—
Houghton le Side ..	26	86	D.C.W.B.	3	9	—	12	46	40	—
Hurworth ..	588	1,941	T.V. & C.W.B.	557	31	—	588	100	1,941	—
Killerby ..	20	66	T.V. & C.W.B.	16	3	—	19	100	66	—
Little Stainton ..	20	66	T.V. & C.W.B.	10	9	—	19	95	62	—
*Middleton-St.-George ..	617	†2,952	T.V. & C.W.B.	578	27	—	615	99	2,804	—
Morton Palms ..	16	53	T.V. & C.W.B.	5	8	—	13	81	43	—
Neasham ..	87	288	T.V. & C.W.B.	78	8	—	86	99	284	—
Piercebridge ..	48	159	T.V. & C.W.B.	43	5	—	48	100	159	—
Sadberge ..	195	644	T.V. & C.W.B.	179	16	—	195	100	644	—
Sockburn ..	8	27	Neasham Hill (Johnson)	8	—	—	8	100	27	—
Summerhouse ..	30	99	T.V. & C.W.B.	27	3	—	30	100	99	—
Walworth ..	38	126	D.C.W.B. & Walworth E.	18	17	—	35	92	116	—
Whessoe ..	160	525	D.R.D.C. & D'ton Corp.	153	7	—	160	100	525	—
	7,429	25,440		6,975	383	6	7,364	92.20	25,226	20

* Includes R.A.F. Married Quarters.

† Includes H.M. Forces stationed in district.

SEWERAGE AND SEWAGE DISPOSAL

(a) Aycliffe

The Aycliffe Sewage Disposal Works deal with Aycliffe Village, Newton Aycliffe and the Trading Estate and proposals have been agreed to take the discharge from School Aycliffe Hospital into the Council's sewer on the new town. The average daily flow for the year ending March, 1963 was 721,674 gallons and the dry weather flow was 692,320 gallons. The design capacity of the works is 500,000 gallons dry weather flow and, therefore, enlargement of the works must be carried out.

In connection with the existing Works, during the year the effluent discharged to the river could not be said to be at all times satisfactory but this was due to the overloading of the plant. Every effort was made, however, to give as high a standard of discharge as was possible under the circumstances.

The Council's Consultant's estimate for the extension of the work amounts to £210,000, and, following receipt of tenders, work is expected to start early next year. The extensions include two circular sedimentation tanks (60 ft. diameter) with mechanical sludge scrapers; four biological filters (112 ft. diameter); two circular humus tanks (60 ft. diameter); sludge drying beds 1,600 sq. yds. and heated sludge digestion. The extension will serve the immediate needs of the new town (Newton Aycliffe), the Trading Estate and Heighington village, including School Aycliffe Hospital. The works, as extended, will be capable of dealing with 1,300,000 gallons (dry weather flow).

(b) Middleton-St.-George

Details of the new sewage disposal works at Middleton-St.-George have previously been reported and during the year the effluent discharged was satisfactory. The average daily flow for the year ending March, 1963 was 79,100 gallons and the dry weather flow for this period was 70,000. The design capacity of the Works was 100,000 gallons dry weather flow.

(c) Bishopton

During the year under review the sewage works at Bishopton, including pumping station in the village, were completed.

The works include two dortmund type sedimentation tanks, 4,613 gallons each; two percolating filters, 732 cubic yds., with pumping arrangement for recirculation 1/4; two humus tanks, 4,125 gallons and six drying beds 120 sq. yds. A new pumping station with two ejectors was installed at the far end of the village with rising main discharging into the gravity sewer.

(d) Whessoe

Slow progress was made with the sewerage scheme at Whessoe and the contractor, after completion of the pumping station, 6 inch rising main and 1,570 yards of sewer abandoned the contract. It is expected that work will commence again next year when it is hoped it will be completed. This scheme includes for gravity sewer to a pumping station with rising main to discharge into the Corporation sewer at Harrowgate Hill, Darlington and it deals with the sewerage

of 115 houses. During the year the Council considered proposals made by the County Council for an extension to serve ten small-holdings.

(e) Hurworth and Neasham

Work commenced on the sewerage and sewage disposal works for Hurworth, Hurworth Place and Neasham and seven hundred yards of nine inch sewer were completed by the end of the year.

(f) Low Coniscliffe and Merrybent

It was not possible to submit details of the above scheme to the Ministry for approval, but it is hoped that the Ministry will have the scheme next year. The proposals are for a gravity sewer from Merrybent on the A.68 Road to Low Coniscliffe with new sewers and pumping station discharging through rising main into the Corporation sewer in Coniscliffe Road, Darlington. Allowance is made in the scheme for future schemes including pumping stations and sewers for High Coniscliffe and Piercebridge.

(g) Sadberge

The preparation of a scheme for a sewer extension at Sadberge was completed but it was not found possible to submit it to the Ministry. It will be necessary to enlarge the inadequate works for this village and it is hoped that instructions will be given next year in connection with the scheme.

The Council decided to make the following priorities for future schemes.

Brafferton, Transport Cafe Area and Coatham Mundeville.

High Coniscliffe Sewerage Scheme.

Sadberge Sewage Works Extension.

Piercebridge Sewerage Scheme.

Summerhouse Sewerage and Sewage Disposal Scheme.

Killerby Sewerage and Sewage Disposal Scheme.

Heighington Sewage Works Extension.

Middleton-St.-George Sewerage Extension.

Blackwell Sewerage and Sewage Disposal Scheme.

PROGRESS REPORT ON SEWAGE DISPOSAL AND SEWERAGE SCHEMES

Name of Scheme and Area to be Served	Sewerage	Date of Ministry Enquiry	Est. Cost	Date Commenced	Date Completed	Remarks of Progress
Bishopton	S. & S.D.	5/8/53	£23,456	20/3/61	25/8/62	Completed.
Whessoe	Sewerage	5/8/53	£21,510	19/12/60	—	Contractor abandoned work 3/9/62. Completion of pumping station and 6" rising main to Corporation sewer and 1,570 yards of sewer. Another Contractor was brought in to carry out certain reinstatements and to make safe trenches.
Hurworth, Hurworth Place and Neasham	S. & S.D.	21/7/59	£80,150	8/5/62	—	Contractor commenced site clearance at Sewage Works and clearance of floor of sedimentation and circular filter tanks and completed 700 yards of 9" sewer.
Aycliffe Sewage Works Extension (Part II)	S.D.	26/4/60	£210,000	—	—	Bills and plans completed. Almost ready for tender.
Sadberge	Sewerage	Not yet arranged	£4,092 (1961)	—	—	Dealt with by special Sub-Committee 16th April, 1962 which considered priorities for Council expenditure.
Low Coniscliffe and Merrybent	Sewerage	Not yet arranged	£40,341	—	—	See previous report. Allowance in size of pumping station, rising main and sewers for dealing with sewage from High Coniscliffe and Piercebridge. Ministry of Housing and Local Government will have scheme next year.
Brafferton and Coatham Mundeville	S. & S.D.	Not yet arranged	£14,000	—	—	Revised report to Council for pumping to Aycliffe 19/2/62.

PROGRESS REPORT ON SEWAGE DISPOSAL AND SEWERAGE SCHEMES—*continued*

Name of Scheme and Area to be served	Sewerage	Date of Ministry Enquiry	Est. Cost	Date Commenced	Date Completed	Remarks of Progress
Piercebridge	S. & S.D.	Not yet arranged	£10,034 1952	—	—	Consideration being given to preparation of revised scheme to cause sewage to be pumped to High Coniscliffe and thence to Low Coniscliffe for treatment by Corporation.
High Coniscliffe	S. & S.D.	Not yet arranged	£4,853 1953	—	—	Consideration being given to revised scheme for causing sewage to be pumped to Low Coniscliffe for treatment by Corporation.
Sadberge	S.D.	Not yet arranged	£3,747 1955	—	—	Submitted to Council, no progress.
Blackwell	S. & S.D.	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.

W.C. Conversions

Public Health Act, 1936, Section 47

In the 1960 report it was reported that the Council had written owners of houses without W.C's where adequate sewerage facilities were available of their intention to insist on closet conversions. There were ninety-five houses, excluding thirty-two houses under the Slum Clearance Plan or otherwise unsuitable for inclusion. Arising out of the survey fifty-six statutory notices were served in November, 1961.

In July of the year under review the Council considered the question of closet conversions to isolated premises where no sewers were available and decided to make a maximum grant of £100 or half the cost whichever is the lesser. In connection with property where sewers are available, originally the maximum grant was £5 or half the cost whichever is the lesser and this figure was increased in 1946 to £12 10s. 0d. and in 1961 was increased to half the cost with no maximum figure. It is hoped that with the present arrangement it will be unnecessary to take statutory action under the Act in order to obtain closet conversions.

During the year twelve closet conversions were carried out with grants amounting to £419 10s. 7d. and seven closet conversions were made when improvement grants were carried out.

At the same time four closet conversions were made with grants amounting to £412 to isolated houses where no sewerage facilities were available. In addition five closet conversions were made when improvement grants were carried out.

The total number of closet conversions carried out during the year was 28.

Public Scavenging

Refuse collection was carried out in a satisfactory manner during the year and nearly every house in the district had a weekly collection. It is dealt with by a fleet of six vehicles, four from a depot at Aycliffe and two from a depot at Middleton-St.-George. There has been no increase in the number of men employed over the previous year which was thirty. During the year a new Pakomatic Shelvoke and Drewry refuse vehicle was delivered to replace one of the vehicles which required renewal.

Refuse is disposed of at three tips in the area, the largest being at Brafferton. To avoid fire the Council continued to hire mechanical equipment for compression and the covering of refuse and the arrangement proved satisfactory. Very little trouble with firing of refuse was experienced, although the Council were greatly concerned at the risk owing to machinery not being readily available. The cost of hiring this equipment was made known to the Council and arising out of it and the possibility of fire, they considered a report with estimates on pulverisation of refuse, incineration and the purchase of their own machine for compressing and covering of refuse. Towards the end of the year a decision was made to purchase a Drott B.T.D. 6 (£3,820) and the refuse which is tipped in layers will then be more frequently compressed and covered so as to reduce

the risk of fire. The Council also approved plans for a building to be erected near their garage at the Aycliffe sewage works to provide ablutions and lockers for the convenience of refuse collectors and other sanitary labourers. There is to be a special room with heated rails to enable the mess clothes to be dried overnight for use the following day. From the southern part of the area refuse is disposed of on a controlled tip at Hurworth by arrangement with Darlington Corporation and a tip at Piercebridge is available for the area surrounding.

In last year's report mention was made of a pilot scheme in connection with the use of paper sacks in lieu of dust bins at Newton Aycliffe. It was not possible during the year for a major pilot scheme to be introduced there but agreement was reached with the Development Corporation for the introduction of approximately 250 paper sack holders in lieu of a similar number of dust bins in one of the housing areas.

There are 110 litter bins sited throughout the rural district all of which are frequently emptied by the collectors and they also carry out a cleansing from time to time of 61 bus shelters. The amount of trade refuse being collected in the area is increasing and charges for this are 42/- per hour or 1/- per bin.

The Council own a 800 gallon cesspool emptier machine and 192 private cesspools and 108 tanks belonging to the Council were emptied; a reduced charge is made for domestic cesspools of 13/- per hour, the charge for other premises being 25/- per hour. The machine when not fully in use is loaned to the Durham County Council for gully emptying.

Public Conveniences.

There are five public conveniences in the area, one at Hurworth Place, one at Middleton-St.-George, one at Heighington and two at Newton Aycliffe. A further convenience is to be built at Newton Aycliffe next year.

SANITARY INSPECTION

Summary of inspections, investigations and visits made during the year:—

Complaints investigated 23

Public Health Acts:—

Houses	6
Other Premises	17
Animals improperly kept	—
Dirty and verminous premises	3
Drainage defects	5
Conversions	40
Cesspools	2
Scavenging	9
Water Supplies (including samples)	35
Dangerous Buildings	10
Offensive Trades	4
Living Vans	14
Public Conveniences	7
Re-inspections	31
Schools	—
Street cleaning	1

Total .. 184

Housing Acts:—

Houses	49
Overcrowding	1
Certificate of disrepair	2
Improvement Grants	101
Applications for re-housing	4
Council house repairs and maintenance	606
Re-inspections	7
Demolitions	32

Total .. 802

Factories Acts:—

Factories with power	38
Factories without power	8
Outworkers	—
Sites of building operation and works of engineering construction	33

Total .. 79

Food and Drugs Acts:—

Registered Food Premises	2
Food Shops	72
Restaurant Kitchens	3
Canteens	1
Public Houses	7
Ice Cream Vendors	5
Butcher's Shops	5
Poultry Packers	1

Milk Distributors	2
Slaughterhouses	24
Meat Inspection	179
Unsound Food	1
Knackers Yard	4
Bakehouse	1
Total ..	307
Shops Acts:—	72
Infectious Diseases:—	
Infectious Disease	2
Infectious contacts	9
Food Poisoning investigations	7
Dysentery investigations	1
Pathological specimens collected	27
Fumigations	1
Total ..	47
Rodent Control:—	113
Building Byelaws:—	
Foundations	92
Buildings in course of erection	229
Drains inspected and tested	459
Completed properties	241
Planning	42
Total ..	1,063
Miscellaneous:—	
Sundry visits	134
Interviews	94
Sewage Works	125
Sewerage	165
Refuse tips	49
Diseases of animals	1
Biological specimens	26
Disposal of dead	1
Ineffective visits	9
Footpaths and bridle roads	10
Petrol tanks	18
Fire Prevention	1
Painting contracts	490
Furniture	—
Trade effluent samples	10
Shelters	24
Pumping Stations	4
Smoke observations	4
Deposit Gauge	12
Smoke Filter	12
Total ..	1,189

SECTION C.

HOUSING

Erection of New Houses

The total number of houses at the 31st December was 7,562 and the number of houses built during the year is shown in the attached table.

New Houses completed during year	With State Assistance	Unaided	Total 1962	Total 1961
(a) By Local Authority ..	—	—	—	24
*(b) By any other Housing Authority	292	—	292	330
(c) By private persons ..	—	56	56	48

*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	14
(b) Total number of applications approved since inception of scheme	198
Amounts paid in grants by the Council during the year	£4,216 0s. 0d.
Total amounts paid in grants by the Council since the inception of scheme ..	£51,519 10s. 6d.

2. Standard Grants

(a) Applications approved by Local Authority during the year	11
(b) Total number of applications approved since inception of scheme	73
Amount paid in grants by the Council during the year	£1,126 0s. 7d.
Total amount paid in grants by the Council since the inception of scheme ..	£5,157 2s.10d.

Council Houses

There were no Council houses built during the year but plans were prepared for eight houses and three bungalows at Heighington and four houses and three bungalows at High Coniscliffe.

Rent Act, 1957

There were no applications for certificates of disrepair, no undertakings were given under paragraph 5 of the first schedule nor were there any cancellations of certificates.

SUMMARY OF HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES ELSEWHERE

A. Houses Demolished	Houses Demolished	Displaced during year	
		Persons	Families
IN CLEARANCE AREAS			
(1) Houses unfit for human habitation	—	—	—
(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.. .. .	16	—	—
(5) Local Authority owned houses certified unfit by the Medical Officer of Health	—	—	—
(6) Houses unfit for human habitation where action has been taken under local Acts	—	—	—
(7) Unfit houses included in Unfitness Orders	—	—	—
A.2 Previously reported closed	3	—	—
B. Unfit Houses Closed			
(8) Under Sections 16 (4), 17 (1) and 35 (1) Housing Act, 1957.. .. .	4	5	1
(9) Under Sections 17 (3) and 26, Housing Act, 1957 ..	1	—	—
(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..		9	—
(12) After formal notice under:			
(a) Public Health Acts		—	—
(b) Section 9 and 16 Housing Act, 1957		3	—
(13) Under Section 24, Housing Act, 1957 ..		3	—
D. Unfit Houses in temporary use (Housing Act, 1957) Position at end of year.		Number of Houses * (1)	Number 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 and 53		—	—
E. Purchase of Houses by Agreement		Number of Houses (1)	Number 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, 1962

PARISH	Housing Plan for 1961—1965	Houses dealt with during 1962	Houses not dealt with	Other Houses dealt with			Total number of houses dealt with since 1956
				By Orders	Made fit Formally	Informally	
Archdeacon Newton ..	— 16	— 2	— 5	— 2	—	—	4
Aycliffe ..	1	—	— 6	—	—	—	67
Barmpton ..	6	—	1	—	—	1	5
Bishopton ..	1	—	1	1	—	—	25
Great Burdon ..	1	—	1	—	—	—	14
Blackwell ..	1	—	1	—	—	—	7
Brafferton ..	1	—	2	—	—	—	3
Coatham Mundeville ..	2	—	—	—	—	—	4
Coniscliffe, High ..	1	1	— 2	—	—	—	16
Coniscliffe, Low ..	2	—	2	1	—	—	9
Denton ..	1	—	1	—	—	—	2
Dinsdale, Low ..	1	—	—	—	—	—	—
East & West Newbiggin ..	—	—	—	—	—	—	—
Great Stainton ..	— 9	—	1	—	3	1	41
Heighington ..	5	—	5	—	—	—	3
Houghton le Side ..	10	2	6	—	—	1	40
Hurworth ..	—	—	—	—	—	—	—
Killerby ..	—	—	—	—	—	—	—
Little Stainton ..	— 7	—	— 6	—	—	1	3
Middleton-St.-George ..	— 7	—	—	—	—	1	67
Morton Palms ..	— 7	5	2	—	—	—	1
Neasham ..	— 10	1	— 9	—	3	—	16
Piercebridge ..	1	—	1	—	—	—	16
Sadberge ..	1	—	1	—	—	—	21
Sockburn ..	1	—	1	—	—	—	—
Summerhouse ..	1	—	1	—	—	—	3
Walworth ..	1	—	1	—	—	3	4
Whessoe ..	—	—	—	—	—	—	6
	85	11	52	4	6	9	377

Houses in 5 year plan 1961-1965	85
Houses dealt with	11
Houses not dealt with	52
Other Houses dealt with	19
Total Houses dealt with by Closing, Demolition Orders, or made fit	30
Total Houses dealt with since 1956	382

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

32 such applications were made as compared with 48 the previous year.

Applications for Council Houses

APPLICANTS RESIDING IN 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	22	6	14	1
Bishopton	1	2	1	—
Brafferton	1	—	—	—
High Coniscliffe	9	4	6	1
Low Coniscliffe	—	—	—	—
Heighington	15	2	9	1
Hurworth	14	5	6	—
Middleton-St.-George ..	9	7	9	1
Neasham	—	—	—	—
Piercebridge	4	3	—	—
Sadberge	3	2	1	—
Great Stainton	—	—	—	—
Summerhouse & Killerby	—	—	—	—
Whessoe	—	1	—	—
Walworth	—	—	—	—
	78	32	46	4

Moveable Dwellings—Licensed Sites

There are fourteen licensed sites; one for six moveable dwellings, three for two moveable dwellings and ten for one moveable dwelling each.

SECTION D.

INSPECTION AND SUPERVISION OF FOOD

Inspection of Meat and Other Foods

There are two licensed slaughterhouses in the district owned by private persons. During the year, 179 meat inspection visits were made when 612 carcasses, with a total weight of approximately 46 tons were inspected.

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed ..	118	—	—	396	98	—
Number inspected ..	118	—	—	396	98	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI :						
Whole carcasses condemned ..	—	—	—	7	1	—
Carcasses of which some part or organ was condemned ..	24	—	—	8	12	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerici ..	20.33	—	—	3.78	13.25	—
TUBERCULOSIS ONLY :						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which number inspected was condemned ..	—	—	—	—	1	—
Percentage of the number inspected affected with tuberculosis	0.00	0.00	—	0.00	1.02	—
CYSTICERCOSIS :						
Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—

Carcasses and portions thereof and organs having a total weight of 5 cwt. 7 lbs. and 300 lbs. boneless beef were found to be diseased or otherwise unfit for human consumption and were disposed of accordingly.

Slaughterhouse Report

The two slaughterhouses comply with regulations relating to construction and the requirement for stunning pens. Stunning pens were installed during 1962.

Milk and Dairies (General) Regulations, 1959

There are nine registered distributors of milk in the area.

Milk (Special Designations) Regulations, 1960

The above regulations are now the responsibility of the Food and Drugs Authority, Durham County Council.

During 1962 the following samples were taken in the area by the County Council.

DESIGNATION	NO. TAKEN			RESULTS
Tuberculin tested	6	4	passed.	2 failed
T.T. Pasteurised	13	13	passed.	
Pasteurised	16	14	passed.	2 failed
Sterilised	2	2	passed.	

FOOD PREMISES

Shops

Food Hygiene

The arrangements made in new food premises necessary for compliance with the Food Hygiene Regulations were satisfactory.

Throughout the district the standard of hygiene was good.

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 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 satisfactory. The producer installed machinery and plant to improve methods of production and the water supply improved in 1961.

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

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.

FOOD PREMISES

	Bakers	Confectioners	Butchers	Fish Shop (wet and cooked)	Grocers and provisions	General Dealers	Miscellaneous including Green Grocers	Licensed Premises			Cafes	Total
								Clubs	Shops	P.H. & Hotels		
Aycliffe, Newton	4	7	7	2	10	1	12	4	1	3	3	54
Aycliffe, Great	—	1	2	—	1	2	—	—	—	3	1	10
Barmpton	—	—	1	—	1	—	—	1	—	—	—	1
Bishopton	—	—	—	—	—	—	—	—	—	2	—	6
Blackwell	—	—	1	—	—	1	—	1	—	1	—	2
Brafferton	—	—	—	—	—	1	—	—	—	—	—	2
Coatham Mundeville	—	—	—	—	—	1	—	—	—	1	—	2
Coniscliffe, High	—	—	—	—	—	1	—	—	—	2	—	4
Coniscliffe, Low	—	—	—	—	—	—	—	—	—	1	—	3
Dinsdale, Low	—	—	—	—	—	1	—	1	—	1	—	1
Great Stainton	—	—	—	—	—	—	—	—	—	1	—	3
Heighington	—	—	1	—	2	1	—	—	—	1	—	1
Hurworth	1	1	3	1	3	4	—	1	—	3	—	7
Middleton-St.-George	—	3	1	1	1	4	—	—	—	5	1	20
Neasham	—	—	—	—	1	4	—	—	1	4	1	16
Piercebridge	—	—	—	—	1	1	—	—	—	1	—	2
Sadberge	—	—	—	—	—	3	—	—	—	1	—	2
Summerhouse	—	—	—	—	—	1	—	—	—	2	—	5
Whessoe	—	—	—	—	—	1	—	—	—	1	—	2
	5	12	16	4	19	24	12	8	2	33	8	143

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 preparation or manufacture of sausage, pickled or preserved food
Newton Aycliffe	..	..	7	—
Aycliffe, Great	..	..	5	1
High Coniscliffe	..	..	1	—
Heighington	..	..	5	1
Hurworth	..	..	7	3
Middleton-St.-George	..		8	—
Piercebridge	..	..	1	—
Whesoe	..	..	2	—
Bishopton	..	..	1	1
Sadberge	..	..	2	—
			—	—
			39	6
			==	==

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 AND FACTORIES ACT

Industrial Premises

There are still 74 industrial premises with furnaces and 67 of these are on the North East Trading Estate at Aycliffe.

No prior approval certificates were issued during the year.

Domestic Premises

The following table shows the average monthly deposits of water insoluble matter at Newton Aycliffe to be 3.44 tons per square mile. This is a higher reading than that recorded at E. D. Walker Homes, Darlington and lower than the reading at the Memorial Hospital, Darlington, which are both in residential areas.

The estimate of sulphur dioxide at Newton Aycliffe of 1.31 microgrammes of SO_2 per 100 square centimetres per day is higher than was recorded in the heavy industrial area of Albert Hill, Darlington, where readings averaged only 1.14.

The volumetric smoke filter was installed at Newton Aycliffe in May and the average concentrations of smoke during the period May to December was 150 microgrammes per cubic meter which compares unfavourably with the concentrations at Sedgefield of 90 microgrammes and Darlington County Borough of 138 microgrammes during the same period.

The above figures, while not indicating serious pollution of the atmosphere, afford evidence of the amount of pollution caused by domestic chimneys. All the houses in Newton Aycliffe are fitted with approved appliances.

DEPOSIT GAUGE AND LEAD PEROXIDE INSTRUMENT

DEPOSIT GAUGE SITE	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
					Water insoluble matter in tons per sq. mile							
DARLINGTON R.D.C. Newton Aycliffe ..	..	2.00	4.21	3.60	3.74	5.09	3.77	3.95	2.45	2.71	2.46	3.68
DARLINGTON C.B. E.D. Walker Homes	..	..	..	3.44	4.91	3.11	3.23	2.20	4.70	2.18	2.97	1.41
Memorial Hospital	..	..	..	5.21	9.94	11.71	5.45	3.17	4.67	2.70	2.06	2.23
Lead Peroxide Instrument—Estimates of sulphur dioxide												
SITE	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
				Milligrams of SO ₂ per 100 square centimetres per day								
DARLINGTON R.D.C. Newton Aycliffe ..	..	2.50	1.49	1.13	0.76	0.56	0.66	0.486	0.774	1.09	1.9	2.7
DARLINGTON C.B. Albert Hill ..	..	..	..	1.14	0.85	0.76	0.67	—	0.77	1.07	1.6	2.30

VOLUMETRIC SMOKE FILTER

	May	June	July	August	Sept.	Oct.	Nov.	Dec.
	Smoke concentration in microgrammes per cubic meter							
DARLINGTON R.D.C.								
Newton Aycliffe								
Average	121	80	107	75	135	182	235	264
Highest	233	157	225	172	187	302	457	545
Lowest	75	40	33	25	41	88	104	93
SEDGEFIELD R.D.C.								
Average	50	75	65	29	71	142	—	199
Highest	118	94	88	64	134	251	—	748
Lowest	11	57	42	8	33	46	—	32
DARLINGTON COUNTY BOROUGH								
Average					91	97.5	183	181
Highest					189	176	329	541
Lowest					24	41	104	58

**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		
		Inspection (3)	Written Notices (4)	Occu's. Pr'secuted (5)
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authority	15	8	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authy.	123	38	3	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	24	33	—	—
Totals	162	79	3	—

2. Cases in which Defects were found.

PARTICULARS (1)	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	Referred by H.M. Inspector (5)	No. of Cases in which prosec'n' were instituted (6)
Want of cleanliness (S.1) ..	—	—	—	—	—
Overcrowding (S.2) ..	—	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—	—
Inadequate drainage of floors (S.6) ..	—	—	—	—	—
Sanitary conveniences (S.9)					
(a) Insufficient ..	—	1	—	—	—
(b) Unsuitable or defective ..	2	2	—	2	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	3	3	—	—	—
	5	6	—	2	—

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

Factories Acts 1937 to 1959.

There are 138 factories in your district but of these there are only 15 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 two cases were defects found to exist and these were remedied, and in one case reported last year sanitary accommodation was provided.

In the cases 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 41. There are no basement factories in your area.

There are no outworkers in your area.

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

General conditions are satisfactory. It was not found possible to complete all the records of the size of farms, number of men employed and toilet facilities, for this report.

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 Dugs 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 maintenance treatments were carried out in the sewers at Newton Aycliffe and at Aycliffe Village.

Nine local authority properties, twenty-four dwelling houses, one business premises and three agricultural properties were found to be infested and successfully treated.

Twenty-eight complaints were received and dealt with.

During the year the Development Corporation for Newton Aycliffe employed their own Rodent Operator to deal with complaints received by their housing department. The Council provided poison baits and any necessary advice.

Petroleum (Regulations) Act, 1928-36.

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

There were sixty-two renewal licences issued in connection with the storage of petroleum spirit and four new licences issued.

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

Aycliffe	27	Dinsdale, Low	2	Sadberge	4
Coatham Mund.	1	Great Burdon	2	Summerhouse	2
Blackwell	2	Heighington	1	Whessoe	3
Bishopton	3	Hurworth	5	Sockburn	1
Coniscliffe, Low	4	Midlleton-St.-G.	4		
Coniscliffe, High	2	Piercebridge	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 Public Health Act, 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.
Nuisance contrary to Public Decency in the Parishes of Great Aycliffe, Heighington, Hurworth and Middleton- St.-George	1st June, 1957.



