

**[Report 1967] / Medical Officer of Health, Darlington R.D.C.**

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Darlington (England). Rural District Council.

**Publication/Creation**

1967

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THE RURAL DISTRICT COUNCIL OF DARLINGTON

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ANNUAL REPORT  
OF THE  
MEDICAL OFFICER  
OF HEALTH

---

1967



# DARLINGTON RURAL DISTRICT COUNCIL

1967

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

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

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*Certified Meat and Food Inspector*

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MRS. C. TEESDALE  
*Resigned 30th June, 1967*

M. J. FOSTER  
*Appointed 1st October, 1967*

**Senior Engineering Assistant**

J. CUTHBERTSON

**Sewage Works Manager**

W. SLEDMORE

**Building Inspector**

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**Assistant Building Inspector**

J. D. COLLINS (Junior)

**Clerical Assistant**

M. READMAN

**Surveyor and Chief Public Health Inspector's Secretary**

MRS. P. LAMBELL

**Telephonist/Receptionist**

Miss P. JORIMANN

# ANNUAL REPORT, 1967

DARLINGTON RURAL DISTRICT COUNCIL

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Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you the 86th annual report on the health and sanitary circumstances of your district for the year 1967.

According to the Registrar General's mid-year estimate, the population increased from 27,940 to 28,990. Vital Statistics which enable a comparison to be made between the health of a district in different years and the health of the country as a whole may be summed up as follows. The infant mortality rate and the general death rate were lower than the corresponding rates for the previous year and were also lower than the national rates. There was a fall in the live birth rate and an increase in the still birth rate. In more detail the live birth rate was 17.2 as compared with 18.97 in 1966. This rate, after adjustment, is 14.1 and compares with a rate of 17.2 for England and Wales. The infantile mortality rate fell from 20.7 to 16 and compared favourably with the national rate of 18.3. The general death rate dropped from 8.8 to 7.1 giving a standardised rate of 10.9. The rate for England and Wales was 11.2. The still birth rate increased from 9.3 to 16 and compares with a rate of 14.8 for the country generally.

Measles reached epidemic proportion during the year but apart from this there is nothing on infectious disease which calls for special comment.

The section of the report dealing with the sanitary circumstances and environmental hygiene of your district contains much of interest. Special emphasis was laid on the inspection and supervision of food premises and a new table has been introduced into the report showing the number and type of contraventions of the Food Hygiene



Regulations. Many of the contraventions were of a minor nature and in the majority of cases the condition of the premises and the standard of food handling were satisfactory. I would also comment on the effort made to complete the ten year programme on slum clearance and at the end of the year this aim was almost achieved. A scrutiny of the relevant table in the housing section will show the number of houses made fit and the number dealt with by closing and demolition orders and the next step will be the rehousing of the occupants of the condemned property.

Finally, I wish once again to thank the Council and the Clerk to the Council for their continued courtesy and co-operation and to express appreciation to Mr. Collins and the staff of the Health Department, both inspectorial and clerical, for their help in preparing this report and 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 .. .. .	45,178
Resident population (including forces stationed in the area) .. .. .	28,990
Total number of houses at 31st December, 1967 (including R.A.F. Married Quarters) .. .. .	9,170
Number of inhabited houses (excluding R.A.F. Married Quarters at 1st April, 1967) .. .. .	8,973
Rateable value at 1st April, 1967 .. .. .	£1,161,532
Sum represented by a penny rate .. .. .	£4,797
General Rate (excluding additional items and special rates in certain parishes) made in respect of the financial year ending 31st March, 1968 .. .. .	11/8d.



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	
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
26,100	1963	207	*7.9	12.2	15	26.9	21.1	557	*21.3	18.2
26,490	1964	217	*8.2	11.3	16	27.8	20.0	575	*21.7	18.4
27,040	1965	251	*9.3	11.5	13	22.2	19.0	586	*21.7	18.0
27,940	1966	246	8.8	11.7	11	20.754	19.0	530	*18.97	17.7
28,990	1967	206	7.1	11.2	8	16	18.3	499	*17.2	17.2

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

## VITAL STATISTICS

Population – 28,990  
(1966 Population – 27,940)

### Live Births

Number – 499.

Rate per 1,000 population – 17.2.

Ratio of local adjusted birth rate to national rate – 0.82.

Illegitimate live births (per cent of total live births) – 6.4%.

### Still Births

Number – 8.

Rate per 1,000 total live and still births – 16.

### Total live and still births

Number – 507.

### Infant Deaths (deaths under 1 year).

Number – 8.

Total infant deaths per 1,000 total live births .. .. 16

Legitimate infant deaths per 1,000 legitimate live births.. 15

Illegitimate infant deaths per 1,000 illegitimate live births 31.25

Neo-natal mortality rate (deaths under 4 weeks per 1,000  
live births). .. .. 10

Early neo-natal mortality (deaths under 1 week per 1,000  
total live births). .. .. 10

Perinatal mortality rate (still births and deaths under 1  
week combined per 1,000 total live and still births). .. 26

### Maternal deaths (including abortion)

Number – Nil.

### Deaths, all ages

Number – 206.

Rate per 1,000 of the population 7.1.

Ratio of local adjusted death rate to national rate – 0.98



## Rates as compared with England and Wales

	Darlington R.D.C.	England and Wales
Live birth rate per 1,000 population	17.2	17.2
Still birth rate per 1,000 live and still births .. .. .	16	14.8
Infantile mortality rate per 1,000 live births .. .. .	16	18.3
Neo-natal mortality rate per 1,000 live births .. .. .	10	12.5
Perinatal mortality rate per 1,000 live and still births .. .. .	26	25.4
Maternal deaths excluding abortion	Nil.	0.16
Maternal deaths due to abortion ..	Nil.	0.04
Total maternal mortality .. .. .	Nil.	0.20
Death rate per 1,000 population ..	7.1	11.2

## ANALYSIS OF STATISTICS

The population increased from 27,940 to 28,990 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 are:—

Births	Deaths
0.82	1.54

### Live Births

There was a decrease in the number of live births giving a rate of 17.2 as compared with 18.97 the previous year. The rate after adjustment by the comparability factor supplied by the Registrar General is 14.1 making a ratio to the national rate of 0.82.

The number of illegitimate births was 32 as compared with 20 and the percentage of live total births which were illegitimate increased from 3.8% in 1966 to 6.4% in the year under review.

	Male	Female	Total
Legitimate .. .. .	241	226	467
Illegitimate .. .. .	17	15	32
	<hr/> 258	<hr/> 241	<hr/> 499

### Still Births

The number of still births was 8, an increase of 3 over the previous year giving a rate of 16 as compared with 9.3. The rate for England and Wales was 14.8.

				Male	Female	Total
Legitimate	..	..	..	4	4	8
Illegitimate	..	..	..	—	—	—
				4	4	8
				==	==	==

### Deaths of infants under 1 year

The number of infant deaths was eight as compared with eleven the previous year, giving a rate of 16 as compared with 20.7. The rate for the country is 18.3.

Five of these deaths occurred during the first week of life from prematurity in four cases and birth injury in one case.

				Male	Female	Total
Legitimate	..	..	..	4	3	7
Illegitimate	..	..	..	—	1	1
				4	4	8
				==	==	==

				Male	Female	Total
Under 1 week	..	..	..	2	3	5
1 week and under 4 weeks	..			—	—	—
Over 4 weeks	..	..	..	2	1	3
				4	4	8
				==	==	==

### Causes

				Under 1 week		1 - 4 weeks		Over 4 weeks	
				M	F	M	F	M	F
Prematurity	..	..	..	2	1	—	—	—	—
Atelectasis and prematurity	..			—	1	—	—	—	—
Birth Injury	..	..	..	—	1	—	—	—	—
Pneumonia	..	..	..	—	—	—	—	2	1
				2	3	—	—	2	1

### Deaths (all ages)

The number of deaths registered in your district after correction for inward and outward transfers was 206 as compared with 246 in 1966. This gives a rate of 7.1 per 1,000 population as compared with a figure of 8.8 for 1966.

The rate for your district after adjustment by the comparability factor supplied by the Registrar General is 10.9, making a ratio to the national rate of 0.98.



TABLE SHOWING CAUSES OF DEATH

	Total all ages	Under 4 weeks	4 weeks & under 1 year	1-	5-	15-	25-	35-	45-	55-	65-	75 and over
	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F
Tuberculosis (Respiratory) ..	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis (Other) ..	—	—	—	—	—	—	—	—	—	—	—	—
Syphilitic Disease ..	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ..	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection ..	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—
Measles ..	—	—	—	—	—	—	—	—	—	—	—	—
Other infective & parasitic diseases	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm, Stomach ..	4	2	—	—	—	—	—	—	1	—	—	2
Malignant Neoplasm, Lung,												
Bronchus ..	12	1	—	—	—	—	—	2	1	4	3	2
Malignant Neoplasm, Breast	1	3	—	—	—	—	—	—	1	—	—	—
Malignant Neoplasm, Uterus	—	1	—	—	—	—	—	—	—	—	—	—
Other Malignant and Lymphatic												
Neoplasms ..	6	9	—	—	—	—	—	2	—	4	3	2
Leukaemia, Aleukaemia ..	1	—	—	—	1	—	—	—	—	—	—	—
Diabetes ..	—	1	—	—	—	—	—	—	—	—	—	—
Vascular lesions of nervous system	13	10	—	—	—	—	—	—	—	2	—	—
Coronary Disease, Angina	23	20	—	—	—	—	—	—	3	4	6	5
Hypertension with heart disease ..	—	1	—	—	—	—	—	—	—	1	10	6
Other Heart Disease ..	1	8	—	—	—	—	—	—	—	—	—	11
Other circulatory diseases	4	8	—	—	—	—	—	—	—	—	—	—
Influenza ..	—	—	—	—	—	—	—	—	—	—	—	3
Pneumonia ..	9	14	—	—	—	—	—	—	—	1	—	8
Bronchitis ..	12	3	2	1	—	1	—	—	—	—	—	—
Other diseases of respiratory system	1	1	—	—	—	—	—	—	—	1	3	7
Ulcer of stomach and duodenum ..	—	1	—	—	—	—	—	—	—	2	1	2
Gastritis, Enteritis & Diarrhoea ..	1	—	—	—	—	—	—	—	—	—	—	—
Nephritis and Nephrosis ..	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate ..	—	—	—	—	—	—	—	—	—	—	—	—
Pregnancy, Childbirth & Abortion	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Malformations ..	—	—	—	—	—	—	—	—	—	—	—	—
Other defined & ill defined diseases	11	13	2	3	—	1	1	—	—	—	—	—
Motor Vehicle Accidents ..	3	—	—	—	—	1	—	—	—	1	2	4
All other accidents ..	3	4	—	—	—	2	—	—	—	—	—	—
Suicide ..	—	—	—	—	—	—	—	—	—	—	—	1
Homicide and operations of war ..	—	—	—	—	—	—	—	—	—	—	—	—
	105	101	2	3	1	4	1	5	7	20	29	34
					1	2	2	5	9	13	21	45



## Death Rates for certain diseases as compared with England and Wales

			Rate per 1,000 Population	
			Darlington Rural District	England and Wales
General death rate	..	..	7.1	11.2
Cancer, Lung and Bronchus	..		0.448	0.584
Other Cancer	..	..	0.896	1.691
Respiratory Tuberculosis	..		Nil	0.037
Other Tuberculosis	..	..	Nil	0.005

## Accidents

	15-		20-		30-		40-		50-		60-		70-		75 & over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Motor Vehicle accidents	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Fall	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Industrial accident	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Carbon Monoxide poisoning																
(a) Car Exhaust	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
(b) Coal gas	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-
(c) Faulty water heater	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	1	-	1	-	-	-	-	1	3	-	-	3	-	-	1	-

The main causes of death were heart disease, cancer, diseases of the blood vessels of the brain, pneumonia and bronchitis. Heart disease, which includes coronary disease, accounted for 53 deaths (26%), cancer for 39 deaths (19%), diseases of the blood vessels of the brain for 23 deaths (11%), pneumonia 23 deaths (11%) and bronchitis 15 deaths (7%).

More than one-third of the deaths were at ages 75 years and over.

## NOTIFIABLE DISEASES

The total number of notifications was 499 as compared with 62 the previous year. This large increase was caused by a greatly increased incidence of measles which followed the usual pattern of reaching epidemic proportion at two-yearly intervals.

The remaining notifications were of scarlet fever (5 cases), whooping cough (5 cases), pulmonary tuberculosis (3 cases) and non-pulmonary tuberculosis (2 cases). The comparative figures for the previous year were scarlet fever 1 case, whooping cough 2 cases and pulmonary tuberculosis 4 cases.

# MALIGNANT NEOPLASM

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

Localisation	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 & over M F	Total M F
Stomach ..	—	—	—	—	—	1	—	—	—	1	2	4
Lung ..	—	—	—	2	—	1	2	2	1	—	—	12
Breast ..	—	—	—	—	—	1	—	—	—	1	—	1
Uterus ..	—	—	—	—	—	—	—	—	—	—	—	3
Digestive organs other than Stomach ..	—	—	—	—	—	—	—	—	—	—	—	—
Genito urinary organs other than Uterus ..	—	—	—	—	1	—	—	1	1	—	—	1
Buccal Cavity & Pharynx	—	—	—	—	—	—	—	—	—	—	—	2
Other Sites ..	—	—	2	—	—	—	—	1	—	—	—	3
	—	—	2	2	1	2	3	5	1	4	3	23
	—	—	—	—	—	—	—	—	—	—	—	16



# NOTIFIABLE DISEASES

Table of cases as notified and after correction 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	
Scarlet Fever ..	5	—	—	—	1	—	2	1	—	—	1	—
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal ..	—	—	—	—	—	—	—	—	—	—	—	—
Infection ..	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia ..	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum ..	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ..	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis :	—	—	—	—	—	—	—	—	—	—	—	—
(a) Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
(b) Non-Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—
(Primary & Infl.) ..	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever (incl. Paratyphoid) ..	484	5 8	26 33	44 34	44 42	36 37	85 80	2 1	— 3	—	2 2	—
Measles ..	5	1	—	4	—	—	—	—	—	—	—	—
Whooping Cough ..	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning ..	—	—	—	—	—	—	—	—	—	—	—	—
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis :	3	—	—	—	—	—	—	—	1	1	—	—
(a) Pulmonary ..	2	—	—	—	—	—	—	—	—	1	—	—
(b) Other ..	—	—	—	—	—	—	—	—	—	—	—	—
	499	6 8	26 33	48 34	44 43	36 37	87 80	3 1	1 3	1 2	3 3	—



## TUBERCULOSIS

New cases and Mortality during 1967.

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 ..	1	—	—	—	—	—	—	—
21—25 ..	—	—	—	—	—	—	—	—
26—35 ..	—	—	—	—	—	—	—	—
36—45 ..	—	—	—	—	—	—	—	—
46—55 ..	—	1	—	1	—	—	—	—
56—65 ..	—	—	—	—	—	—	—	—
66 & over ..	1	—	—	—	—	—	—	—
Age U.K. ..	—	—	1	—	—	—	—	—
Total ..	2	1	1	1	—	—	—	—

The total number of new cases in 1967 was 3 pulmonary and 2 non-pulmonary as compared with 4 pulmonary during 1966.

**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	
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	—	—	—	—	—	—
1963	3	2	—	—	—	—	—	—
1964	4	3	—	1	—	1	—	—
1965	1	2	—	—	2	—	—	—
1966	3	1	—	—	—	—	1	—
1967	2	1	1	1	—	—	—	—

**Number of cases on register**

Year	Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total
1961	49	37	86	6	7	13
1962	50	37	87	6	7	13
1963	50	40	90	7	7	14
1964	56	45	101	6	8	14
1965	53	43	96	7	8	15
1966	53	42	95	7	8	15
1967	54	42	96	7	10	17

Tuberculosis Mortality Rate — Respiratory 1967 — Nil.

Non-Respiratory 1967 — Nil.

## CASE RATES FOR INFECTIOUS DISEASE, 1967

					Rate per 1,000 Home Population	
					Darlington R.D.C.	England and Wales
<b>Notifications (corrected)</b>						
Scarlet Fever	..	..	..	..	0.17	0.4
Whooping Cough	..	..	..	..	0.17	0.7
Measles	..	..	..	..	16.7	9.5
Poliomyelitis:						
Paralytic	..	..	..	..	Nil	0.00
Non-Paralytic	..	..	..	..	Nil	0.00
Tuberculosis:						
Respiratory	..	..	..	..	0.103	0.23
Non-Respiratory	..	..	..	..	0.07	0.045

## FOOD POISONING

### (a) Food Poisoning Notification (corrected)

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

### (b) Cases otherwise ascertained

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

### (c) Symptomless Excretors

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

### (d) Fatal Cases

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



# VACCINATION AND IMMUNISATION

## PRIMARIES

## BOOSTERS

Year Group	1967	1966	1965	1964	1960-63	Others under 16	Total	1967	1966	1965	1964	1960-63	Others under 16	Total
Diphtheria ..	127	242	50	18	121	33	591	—	44	124	25	532	41	766
Whooping cough ..	125	213	38	14	13	6	409	—	37	101	19	143	26	326
Tetanus ..	127	243	53	20	131	61	635	—	44	124	25	425	49	667
Poliomyelitis ..	71	287	99	32	47	26	562	1	6	29	10	454	31	531

## PRIMARY VACCINATION

## REVACCINATIONS

Age Group	Under 1 year	1 year	2-4 years	5-15 years	Total	2-4 years	5-15 years	Total
Smallpox	9	130	67	23	229	2	6	8

### B.C.G. Vaccination

Number of children skin tested	..	..	..	..	290
Number of children vaccinated	..	..	..	..	188
Number of children positive	..	..	..	..	68
Number of children not vaccinated owing to health reasons	..	..	..	..	10
No. of children absent at time of reading	..	..	..	..	24

### LABORATORY WORK

#### Bacteriological Examinations

##### FAECES

Number of Specimens	Dysentery Positive	Salmonella Positive	Cl. Welchii Positive
42	4	Nil	Nil

##### SPUTUM

Number of Specimens	T.B. Positive
9	9

##### WATER

Number of Specimens	Class 1	Class 2	Class 3	Class 4
8	6	—	—	2

##### PORK

Number of Specimens	Pathological Organisms Positive
1	Nil

#### National Assistance Act, 1948, Section 47

No statutory action was taken under this section.



# 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	— 9
Females	— 13

Number of Persons on waiting list:—

Males	— 6
Females	— 11

(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 1967 were:—

	Total
No. of registered blind persons .. .. .	56
No. of registered partially sighted persons .. .. .	10
No. of registered deaf and dumb persons .. .. .	63
No. of registered hard of hearing persons .. .. .	12
No. of registered physically handicapped persons .. .. .	78

## Home Nursing

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

	Cases	Visits
(a) Medical cases .. .. .	193	5,145
(b) Surgical cases .. .. .	76	1,588
(c) Tuberculosis .. .. .	7	429
(d) Maternal complications .. .. .	—	—

## Domiciliary Midwifery Service

Births attended by County Midwives within your district were

Total births (live and still) .. .. .	98
Cases attended as midwife and nurse .. .. .	98
Hospital patients discharged home before 10th day	127
Total cases attended . . . . .	225

## 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 .. .. .	7,622
(b) tuberculosis .. .. .	101
(c) general health .. .. .	531
(d) mental sub-normality .. .. .	62
(e) school .. .. .	311
(f) aged people .. .. .	1,571

## 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 1967 the service provided in your district was:—

No. of home helps employed during the year .. .. .	43
Cases attended at 1st January, 1967 .. .. .	80
New cases provided during year .. .. .	85
Cases terminated .. .. .	65
Cases attended at 31st December, 1967 .. .. .	100

## Type of case provided during the year

(a) Maternity, including expectant mothers .. .. .	1
(b) Tuberculosis .. .. .	1
(c) Chronic sick (including aged and infirm) .. .. .	162
(d) Others .. .. .	1



## **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. Seventy-six persons were issued with nursing equipment in the district during the year.

## **Mental Health Services**

Services are available for children and young adults who are mentally subnormal.

	Total
Number registered as mentally disordered .. ..	53
Number under supervision in their own homes .. ..	36
Number of persons in hospital for the mentally disordered	17

## **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.

## **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:**

Extension by the Tees Valley and Cleveland Water Board of the 12" main from Yarm Road, Darlington, to the junction of Strait Lane, and Neasham Road, Hurworth, was completed including a cross connection to the existing 5" main. The 9" main from this point, near the Church at Hurworth, was completed apart from 200 yards. The 6" branch from the 12" main at Neasham joining the existing 3" main in the village, was not commenced, but it is hoped to be completed in September, 1968.

#### **Durham County Water Board**

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

#### **Darlington Rural District Council**

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**

Villages and hamlets have main piped water from statutory undertakers except in Low Dinsdale and the parish of Sockburn.

- (a) 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.
- (b) At Sockburn a private spring is piped and serves all the houses.



### Average Hardness in Parts per Million

Darlington Corporation	115 p.p.m.
Durham County Water Board:	
(a) Burnhope-Tunstall supply as $\text{CaCO}_3$	50 p.p.m.
(b) Derwent as $\text{CaCO}_3$	60 p.p.m.
	River Tees Supply
	Total Carb. Non-Carb.
Tees Valley and Cleveland Water Board	55 27 28
(p.p.m. to degree of hardness divide by 14.9).	

### Fluoride content of water

Darlington Corporation	0.1 p.p.m. to trace of fluoride
Durham County Water Board	
(a) Burnhope-Tunstall supply	0.1 p.p.m.
(b) Derwent	0.1 p.p.m.
Tees Valley and Cleveland Water Board	0.2 p.p.m. to trace of fluoride

The Council agreed with the policy of fluorination as suggested by B.M.A. (1PPM).

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

### Bacteriological Examination of Water

The Tees Valley and Cleveland Water Board took 411 samples, Durham County Water Board took 23 samples.

Samples taken by this department were as follows:—

	Total No.	Class 1	Class 2	Class 3	Class 4
Tees Valley & Cleveland Water Board	3	3	—	—	—
Private supply	2	—	—	—	2
Darlington Corporation	3	3	—	—	—

During the year eight samples were taken by the department, six from mains supply which were satisfactory and two from private supplies. Both private supplies were found to be unsatisfactory and the owners were advised to boil all water before use. One owner carried out improvement works, including a piped water supply, and further samples proved satisfactory.



The proportion of dwelling houses and the proportion of the population supplied from the public mains are 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 ..	20	74	T.V. & C.W.B. Church Commissioners and D'ton Corporation	—	12	—	12	60	44	—
Newton Aycliffe ..	5,229	16,741	D.C.W.B.	5,191	9	—	5212	100	16,741	—
Great Aycliffe ..	271	877	D.C.W.B.	—	12	—	11	100	877	—
Barmpton ..	21	78	D.R.D.C. T.V. & C.W.B.	—	11	—	102	52	40	—
Bishopton ..	94	310	T.V. & C.W.B.	81	21	—	—	100	310	—
Brafferton ..	50	170	Darlington Corporation	34	8	—	42	84	170	—
Great Burdon ..	16	62	D.R.D.C.	12	5	—	17	100	62	—
Coatham Mundeville ..	39	134	T.V. & C.W.B.	—	16	—	16	100	134	—
High Coniscliffe ..	85	282	D.R.D.C. & D.C.W.B.	64	23	—	87	100	282	—
Low Coniscliffe ..	132	432	T.V. & C.W.B.	125	14	—	139	100	432	—
Denton ..	18	67	T.V. & C.W.B.	15	—	—	15	84	67	—
Low Dinsdale ..	192	625	Raby Estates	176	6	—	182	94	587	—
East & West Newbiggin ..	9	38	T.V. & C.W.B.	—	10	—	10	100	38	—
Great Stainton ..	26	94	T.V. & C.W.B.	14	14	—	28	100	94	—
Heighington ..	531	1,709	D.C.W.B.	408	100	—	508	95	1,624	—
Houghton-le-Side ..	25	90	D.C.W.B.	7	10	—	17	68	70	—
Hurworth ..	813	2,803	D.C.W.B.	836	34	—	870	100	2,803	—
Killerby ..	21	78	T.V. & C.W.B.	16	4	—	20	100	78	—
Little Stainton ..	20	74	T.V. & C.W.B.	10	10	—	20	100	74	—
Middleton-St.-George ..	676	2,173	T.V. & C.W.B.	510	23	—	533	100	2,173	—
Morton Palms ..	14	54	T.V. & C.W.B.	6	12	—	18	100	54	—
Neasham ..	101	334	T.V. & C.W.B.	88	17	—	105	100	334	—
Piercebridge ..	48	163	T.V. & C.W.B.	49	9	—	58	100	163	—
Sadberge ..	223	773	T.V. & C.W.B.	212	21	—	233	100	723	—
Sockburn ..	8	35	T.V. & C.W.B.	7	—	—	7	100	35	—
Summerhouse ..	27	97	Neasham Hill (Johnson)	24	3	—	27	100	97	—
Walworth ..	38	131	T.V. & C.W.B.	16	21	—	37	100	131	—
Whessoe ..	166	542	D.C.W.B. & Walworth E. D.R.D.C. & D'ton Corp.	140	25	—	165	100	542	—
	8,973	28,990		8,041	450	—	8,491	94%	28,779	—



## Chemical Examination of Water

Results in respect of water samples taken for chemical analysis were as follows:—

Samples taken as a result of a complaint from occupier of 36 Durham Road, Coatham Mundeville:

### Results of Analysis of Sediment

Appearance .. ..	Dark brown flocculent matter
Microscopical appearance	Miscellaneous vegetable and mineral matter with the general appearance of mains silt
Organic matter .. ..	35.1 %
Iron oxide ( $\text{Fe}_2\text{O}_3$ ) .. ..	21.0 %
Manganese ( $\text{MnO}_2$ ) .. ..	11.6 %
Sulphates ( $\text{SO}_4$ ) .. ..	10.1 %
Silica ( $\text{SiO}_2$ ) .. ..	8.8 %
Calcium carbonate ( $\text{CaCO}_3$ ) .. ..	8.1 %

The amount of manganese in this deposit is a little unusual but apart from this the analysis is fairly typical of a mains deposit, or silt.

A further sample was taken after the mains were flushed. The result was as follows:—

### Results of Analysis

Appearance .. ..	Clear and free from sediment
Odour .. ..	Normal
pH value .. ..	7.7
	Parts per million
Total solid matter (dried at $180^\circ\text{C}$ ) .. ..	85
Nitrogen: as free and saline ammonia .. ..	Nil
as albuminoid ammonia .. ..	0.08
as nitrate .. ..	Nil
Hardness: Temporary .. ..	59
Permanent .. ..	Nil
Total .. ..	59
Chloride .. ..	16
Sulphate .. ..	18
Alkalinity .. ..	70
Oxygen absorbed from permanganate in 4 hours .. ..	0.24
Metals: Calcium .. ..	18
Magnesium .. ..	3
Sodium .. ..	4
Potassium .. ..	1
Lead .. ..	Nil
Copper .. ..	0.2
Iron .. ..	Nil
Excess alkalinity .. ..	13

On this occasion the water was found to be completely free from the mains silt which was the cause of the previous complaint. It was of good chemical quality and satisfactory for all domestic purposes.



## SEWERAGE AND SEWAGE DISPOSAL

### (a) Aycliffe

These sewage works deal with Aycliffe Village, Newton Aycliffe and the Trading Estate. The average daily flow for the year ending March, 1968 was 1,500,000 gallons and the dry weather flow 1,100,000 gallons. The effluent discharged to the river was reasonably satisfactory.

The Works were completed in 1965 and are capable of dealing with a total of 1.3 million gallons dry weather flow.

The flow from the industrial estate being discharged to the works is approximately 400,000 gallons per day and a considerable part of this is trade effluent which is treated by the Council without any charge, in accordance with arrangements made when the old sewage works were purchased. This flow also includes trade waste (for which charges are made) from a recently completed factory in Heighington Lane, the sewer from which was laid in 1966 and will deal with new industrial development in Heighington Lane.

Sewage from the Approved School at Copelaw, Aycliffe, in Sedgefield Rural District, was caused to be discharged into the sewers at Newton Aycliffe for treatment at the works. The Council adopted sewers laid by the Hospital Board at School Aycliffe by agreement, this sewer has sufficient capacity to take the additional flows from Heighington and Redworth. The old School Aycliffe sewerage works were abandoned and the site cleared. Particulars of a proposal from Shildon Urban District Council situated on the northern boundary of the district, to discharge their sewage into our works were received. The Clerk is to negotiate with that Authority and our Consultant regarding division of costs.

Consideration was given during the year to a preliminary report of the Consultant in connection with the growth of Newton Aycliffe to 45,000 population. The proposed extension allowed for the treatment of the sewage by aeration units and final settling tanks. The sludge to be pre-treated by thickening coagulants before passing for mechanical de-watering in sludge concentrators, the processed sludge to be subject to heat treatment and then pressed into cake form for disposal at the tip, and the supernatant liquor from this process to be treated by biological filters in the old part of the works.

The report dealt with dry weather flows expected to be received at the works in 1970, 1977 and 1985 from 2,705,000 to 8,365,000 gallons per day. The estimated cost of the first phase which was to take the work up to five million gallons per day was given at £1,115,000.

The Northumbrian River Authority indicated that the Council could anticipate consent to an additional discharge of the effluent up to five million gallons per day providing the standard of effluent was not less than the suspended solids 20 p.p.m., B.O.D., 15 p.p.m., storm tank effluent in excess of three times the dry weather flow with suspension not to exceed 150 p.p.m. When the dry weather flow exceeds five million gallons per day, a more stringent standard of quality would probably be required.



An investigation was held by the Ministry into this scheme together with the financial implications and a disturbing feature of the inquiry was the doubt which was expressed of meeting the River Board's standard with particular regard to the supernatant liquor from the pre-heated treatment plant. It became obvious that the Consultant would have to re-examine their proposal in the light of the comments that had been made.

**(b) Bishopston**

These are new works completed in 1963. They were especially designed to deal with the considerable discharge of farm waste effluent. The average daily flow for the year ending March, 1968, was 10,150 gallons and the dry weather flow for this period was 7,800 gallons. The design capacity of the works is 10,800 gallons per day. The effluent discharged to the beck can be said to be reasonably satisfactory.

**(c) Blackwell**

The built-up area of this parish which is adjacent to the Darlington Corporation boundary is served by sewers connected into the gravity sewer of the Corporation. Some residential development is taking place in the built-up area. This area was taken into the County Borough of Darlington on 1st April, 1967.

**(d) Brafferton and Coatham Mundeville**

There are no public sewage works at Brafferton and at present some sewage with surface water is being discharged into a ditch which drains to a watercourse which also takes the discharge from a small sewage works dealing with Council houses. At Coatham Mundeville there is a small tank with overflow to the river. Both arrangements are unsatisfactory.

The Council has accepted a scheme by which the village of Brafferton will be sewered to a pumping station to which sewage from Coatham Mundeville and Brooklyn Transport Cafe area will be discharged and thence it will be pumped direct to the Aycliffe Sewage Disposal Works. The estimated cost of the scheme was £41,600 and the Council's approval was given. During the year progress was made on the arrangements for sites for pumping stations.

It is hoped that the scheme will be put up to the Ministry next year.

**(e) Great Burdon**

This village was sewered to a pumping station connected to the Corporation's sewer in 1959. All houses are connected to the sewer. Allowance has been made for further development. The average flow was 1,640 gallons per day.

**(f) High Coniscliffe**

This village has a sewer with tank and land irrigation works which are unsatisfactory. The sewerage arrangements at Low Coniscliffe and Merrybent are sufficient to take the sewage.



It has still not been possible to make much progress on the preparation of a scheme to provide new gravity sewers with pumping station and rising main to the head of the new sewer at Merrybent apart from the taking of levels. It is hoped that the preparation of the scheme will not be delayed much longer.

**(g) Low Consiccliffe and Merrybent**

This scheme was completed in May last year and provides for gravity sewers connected to a pumping station with rising main to Darlington Corporation sewer near the Waterworks to deal with existing houses and the C.W.S. Wholesale Society's premises. Allowances were made in the scheme to deal with the flow from High Consiccliffe and Piercebridge. The average dry weather flow for Low Consiccliffe and Merrybent was 25,130 gallons per day.

**(h) Heighington and Redworth**

The existing works at Heighington are overloaded and require complete reconstruction as the effluent is unsatisfactory. The works at Redworth are old and whilst they have had small improvements carried out since 1945 are not entirely satisfactory. It is difficult to maintain a good discharge from these works. Proposals have been agreed for a scheme estimated to cost £48,400 to cause the sewage being discharged into these works to be gravitated to the main works at Aycliffe and a sewer is now available at School Aycliffe Mental Hospital to take the discharge. It will be necessary to pump the sewage from Redworth to Heighington. Both sewage works will, of course, be demolished and the land reinstated. During the year consideration was given to the size of the sewer from Heighington and it was decided on a 12" diameter pipeline and it is hoped to receive Ministry consent next year.

**(i) Hurworth, Hurworth Place and Neasham**

These sewage works were completed in 1965. They comprise new sewage works near Hurworth village with pumping station and ejector stations at Hurworth Place and Neasham respectively.

The design capacity is 120,000 gallons per day and as there is considerable development proposed for this village it will be necessary for the Council to consider enlarging them.

The average daily flow for this year ending March, 1968, was 128,000 gallons and the dry weather flow for this period was 107,000 gallons per day.

During the year subsidence was reported in the main sewer at Hurworth and the Consultant was instructed to prepare a report in connection with the sewerage of the village and need for extension of the works.

**(j) Middleton-St.-George**

This plant was brought into use in 1960. The works were designed to treat a dry weather flow of 71,500 gallons per day. The average daily flow for the year ending March, 1968, was 120,000 and the dry weather flow 94,000. Early consideration will have to be given to extensions to deal with new development taking place in the area.



During the year negotiations took place with the Ministry of Defence and the Teesside Airport regarding acceptance of sewers from the Airport, and ancillary buildings, and the R.A.F. Married Quarters to sewage works nearby. The council agreed to take over the sewers providing a satisfactory arrangement was made for a contribution towards the cost of pumping station and rising main to discharge to the Council's Works. Existing sewers are to be adopted when repairs are carried out to prevent infiltration of surface water.

**(k) Piercebridge**

This village is served by several tanks which are emptied by the Council. It is hoped that when the High Coniscliffe scheme is completed the Council will agree to sewage from this village being drained to a central point and pumped into the proposed High Coniscliffe sewer. It is not possible to make any progress with this scheme until the village of High Coniscliffe can be dealt with.

**(l) Sadberge**

The works are overloaded and require re-building. The Council's Consultant has prepared a scheme costing £37,600 which has been accepted by the Council and arrangements have been made for the acquisition of the necessary sites for sewage works extension and pumping station. This scheme also provides for a new length of gravity sewer and pumping station with rising main to sewer part of the village served by a large septic tank with overflow to ditch.

The scheme was submitted to the Ministry and following an inquiry the need was recognised but it was suggested a better site for the works should be chosen.

**(m) Whessoe**

The built-up area of this parish which comprises ribbon development immediately north of Darlington is sewered to a pumping station with a rising main discharging into the Darlington Corporation sewer at Harrowgate Hill. Allowances in the scheme for housing development in the vicinity of Burtree Lane were made and building was commenced.

**(n) Houghton le Side, Little Stainton, Walworth, Great Stainton and Archdeacon Newton**

The Council have an old tank with irrigation arrangement at Houghton le Side which will require alteration and improvement.

At Little Stainton there is a modern tank and filter serving four Council houses and one farmhouse. At Walworth similar arrangements serve four Council houses and two agricultural cottages.

The village of Great Stainton, comprising 13 premises, is served by small modern works which were difficult to maintain owing to being overloaded with farm effluent. This has been taken out of the sewer and the works should now give a satisfactory effluent.

The effluent discharged into the field drainage system will have to be piped to a main ditch following a request from the farmer.

The hamlet of Archdeacon Newton has a tank and filter constructed many years ago and is overloaded with discharge of farm effluent. It is expected that farm effluent will be taken out of the sewer when a more satisfactory discharge will be possible.



#### **(o) Summerhouse, Killerby & Denton**

The Council have no sewerage or sewage disposal facilities at Summerhouse, Killerby or Denton. At all these villages where closet conversions have been made cesspools or small treatment works have been provided. At Summerhouse many of the old tanks have an overflow into the surface water drain which discharges to a ditch. The sewerage and sewage disposal arrangements for these villages are not satisfactory.

The Council approved an amended report. The proposals were for the provision of sewage works at Summerhouse, the sewerage of all three villages, the sewage from Killerby and Denton to be pumped to the sewage works at Summerhouse. No progress was made during the year by the Consultant on the preparation of the scheme and accordingly he was pressed for a report. The proposal is estimated to cost £26,000.

#### **Charges for treatment of farm effluent**

The following charges for farm effluent were made in 1966 and are still operative.

1. For each milch cow £2 or £1 5s. when passing through a milking parlour, per annum.
2. For any other beast standing in a byre connected to the sewer £1 5s per annum.
3. For each pig or boar in a sty connected to the sewer 10s. per annum.

The sewage works affected by these discharges are as follows:— Middleton-St.-George, Heighington, Great Burdon (Darlington Corporation), Sadberge, Bishopton, Coatham Mundeville and Archdeacon Newton.

Discharges from fifteen premises were received and payment from nine have been made.

Appeals were made against the Council's charges but all but one were withdrawn.

#### **County Borough of Darlington—Charges for Treatment of Sewage**

Charges are based on sewerage and sewage disposal rate levied in the Rural District or County Borough whichever is the higher and this rate is applied to Great Burdon, Low Coniscliffe, Merrybent and Blackwell, and for the County Borough premises discharging to Council sewers.

#### **Street Cleaning**

The town centre at Newton Aycliffe and the shopping centres at Neville Parade and Simpasture, Newton Aycliffe, continue to be cleaned every day and men are engaged full-time on the task.

A report was made on a scheme for dealing with Newton Aycliffe and all the villages in the rural district. It was pointed out that at Newton Aycliffe streets were cleansed by the County Council on a four to five weekly cycle. Difficulties did occur in the cleansing of cul-de-sacs and garage forecourts and village shops. The report was received.



WATER SUPPLY AND SEWERAGE — PROGRESS REPORT ON SCHEMES IN HAND.\*

Name of Scheme and Area to be served	Water or Sewerage	Date of Ministry of Health Inquiry or Investigation	Estimated Cost	Date of Ministry of Health Approval	Date Commenced	Date Completed	If in progress indicate stage	Remarks
High Coniscliffe	Sewerage	—	£20,000	—	—	—	Initial Survey completed	
Sadberge	S. & S.D.	—	£37,600	—	—	—	Proposals submitted to Ministry.	Investigating alternative site for S.D.W. on Ministry request.
Brafferton and Coatham Mundeville	Sewerage	—	£41,600	—	—	—	Pre-working drawing stage.	Being prepared for submission to Ministry.
Summerhouse, Killerby and Denton	S. & S.D.	—	—	—	—	—	—	Alternative method to scheme submitted to Council requested.
Heighington and Redworth	Sewerage	—	£48,400	—	—	—	Pre-working Drawing stage.	Scheme submitted to Ministry 30/11/67.
Aycliffe S.D.W. Sludge Conditioning Plant Ex. of Treatment process Site preparation	S.D. S.D. S.D.	17/10/67 17/10/67 17/10/67	£250,000 £850,000 £50,000	— — —	— — —	— — —	— — —	} Schemes submitted to Ministry 6/7/67.

## Public Conveniences

There are seven public conveniences in the area, one at Hurworth Place, one at Middleton-St.-George, one at Heighington, three at Newton Aycliffe and one in Aycliffe Village. These are regularly cleansed. It was not possible to erect a public convenience at Middleton-St.-George near the Parish Council Playing Field.

## W.C. Conversions

### Public Health Act, 1936, Section 47

The grant for closet conversions where a sewer is available is half the cost, where notice is served. There is now no grant made in respect of properties where a sewer is not available as in all cases it is expected that advantage should be taken of standard and discretionary grants.

Two closet conversions were carried out where sewers are available with conversion grants amounting to £64 4s. 3d.

As part of improvement grant works nine closet conversions have been carried out where sewers are available and seven where there are no sewers.

The total number of closet conversions carried out during the year was nine as against eleven last year.

The following table indicates the present position of the earth closets in the district.

Newton Aycliffe		Heighington		Hurworth		Middleton St. George		Aycliffe Village	
Properties	Earth Closets	Properties	Earth Closets	Properties	Earth Closets	Properties	Earth Closets	Properties	Earth Closets
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57	57	57
58	58	58	58	58	58	58	58	58	58
59	59	59	59	59	59	59	59	59	59
60	60	60	60	60	60	60	60	60	60
61	61	61	61	61	61	61	61	61	61
62	62	62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80	80	80
81	81	81	81	81	81	81	81	81	81
82	82	82	82	82	82	82	82	82	82
83	83	83	83	83	83	83	83	83	83
84	84	84	84	84	84	84	84	84	84
85	85	85	85	85	85	85	85	85	85
86	86	86	86	86	86	86	86	86	86
87	87	87	87	87	87	87	87	87	87
88	88	88	88	88	88	88	88	88	88
89	89	89	89	89	89	89	89	89	89
90	90	90	90	90	90	90	90	90	90
91	91	91	91	91	91	91	91	91	91
92	92	92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100	100	100



TABLE SHOWING NUMBER OF EARTH CLOSETS IN THE AREA - 1967

Parish	No. of Earth Closets	No. with Sewer Available	Remarks
Aycliffe	6	4	The four properties where a sewer is available are the subject of Closing or Demolition Orders. Two others in village cannot be sewered.
Archdeacon Newton	1	—	Outlying
Barmpton	3	—	The owner of one property has applied for an improvement grant. No sewer available in Barmpton Village.
Bishopton	1	—	Outlying.
Blackwell	3	—	Two of these properties are vacant, and subject to undertakings.
Brafferton	41	—	No sewer available in this village. Proposed new sewer will connect up all properties.
Coatham Mundeville	8	—	Five of these properties should be sewered by proposed new sewer. Others outlying.
High Coniscliffe	5	1	Property which has sewer available is subject to an undertaking. Others outlying.
Low Coniscliffe	5	4	Three properties subject to Housing Act Orders. One occupied where sewer available and others outlying.
Denton	5	—	Four cottages in village and one farmhouse outlying.
Low Dinsdale	5	—	Two of these properties are vacant. Others outlying.
Heighington	4	1	Property where sewer available is subject to a Closing Order. Others outlying.
Houghton-le-Side	8	3	Three properties with sewer available are condemned.
Hurworth	12	4	Properties where sewer available are condemned. The remaining eight outlying properties where no sewer is available consist of five unfit Railway houses and three derelict properties

Parish	No. of Earth Closets	No. with Sewer Available	Remarks
Middleton-St.-George	10	—	Three properties subject to order under Housing Act. All properties outlying.
Morton Palms	6	—	All outlying.
Neasham	7	6	Six properties where sewer available, four are subject to orders under Housing Acts. One property outlying.
Newbiggin, East & West, Little Stainton	8	—	All outlying.
Piercebridge	21	1	There are eighteen dwellings in the village with earth closets and no sewer available. Of these four are condemned. Three properties outlying two of which are subject to undertakings.
Redworth	4	—	All outlying.
Sadberge	7	3	There are seven dwellings in the parish with earth closets. Of these, four in the village are subject to action under the Housing Acts and one is derelict. The two outlying properties could be improved.
Summerhouse and Killerby	28	14	Of the properties with sewer available, one is a scheduled property and one is considered sub-standard. The proposed new sewer will make a sewer available to the remaining properties. Inadequate sewerage system in these villages.
Walworth	4	—	No sewer available.
Whessoe	12	1	The property where sewer available is to be converted. Remaining properties outlying.

## SUMMARY

Total number of earth closets in district – 179.

Total number of earth closets with sewer available – 44 of which 24 are the subject of orders under the Housing Acts and four are scheduled.

The proposed new sewers in the area will make sewers available to a further 32 properties. This will mean that there will be left in the district when the present proposals are completed 103 earth closets with no sewer available.



## 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. The frequency of the collection has been much improved due to the introduction of a bonus scheme in 1964 arising out of which each man is paid £2 10s. per week when he has completed his "stint". These "stints" were adjusted towards the end of 1965 to allow for the introduction of a forty hour week so each filler had to collect between 91 and 119 bins per day according to the nature of the area in which collection was taking place.

The domestic collection is maintained by a fleet of five vehicles, three from the depot at Aycliffe and two from the depot at Middleton-St.-George. A new vehicle was ordered for the Council's fleet of fore-and-aft tippers and the old one is to be kept as a spare vehicle.

Trade refuse and domestic refuse from factories is collected from the trading estate by a sixth vehicle from Aycliffe depot. Priority however, is given to the collection of domestic refuse and in the event of one of the vehicles breaking down the spare vehicle is used for domestic refuse collection and similarly during sickness or holiday periods men have to be taken from the trade refuse vehicle. This sometimes causes some dislocation of the collection of trade and domestic refuse from the factories.

The total number of men on the Council's establishment is thirty. This includes the dozer driver but excludes the foreman who looks after this service.

The refuse disposal in the northern part of the Council's district is by controlled tipping at Brafferton near Aycliffe while the southern part of the area is served by Darlington Corporation tip at Hurworth-on-Tees. At the Council's tip at Brafferton refuse is compressed by the use of a Drott B.T.D.6 which was in daily use.

Towards the end of 1966 it was becoming apparent that the original area of land required for tipping purposes at Brafferton was nearly filled and that the remaining smaller area of land more recently purchased would not last very long. Consideration was given to the necessity of finding another tip, a special Committee of the Council toured the district and after some discussion it was decided to acquire the quarry hole on the west side of the A.1 near the existing tip. The site comprises approximately twenty acres with a capacity of 1,000,100 cubic yards and planning application was made for use of the land. The site was a disused quarry, partly waterlogged and it is expected there will be some difficulty in acquisition.

The Chief Public Health Inspector was instructed to prepare a report on refuse disposal and this was not available during the year owing to pressure of other work but it is hoped to be ready next year. During the year the Teesside Committee's report was presented to the Council and it is expected that following the presentation of your own officer's report next year further consideration will be given to the problem.



Continued progress was made in the operation of the paper sack method of collection. This provides for arrangements by each occupier or owner of new property to fit head units and in connection with existing properties to replace worn out dust bins with head units. At the end of the year 3,415 houses were being supplied with paper sacks.

The Council's workmen continued to fix head units at cost, plus 5s. 0d. fixing charge on request for ratepayers in the area.

There are 173 litter bins, including those in laybys, sited throughout the area, all of which are frequently emptied by refuse collectors.

Occupiers of business premises are permitted to dispose of trade refuse on the tip at Brafferton on payment of 10s. 0d. per load. Arrangements by which free tipping facilities are given to contractors for disposal of spoil continue to operate to the advantage of the Council. Bulk charges for trade refuse collection are still 42s. 0d. per hour or 1s. 0d. per bin. During the year the Council's cesspool machine carried out the cleansing of 459 private cesspools and 14 tanks belonging to the Council, the charges made for the emptying of cesspools were 13s. 0d. per hour in the case of domestic premises and 25s. 0d. in the case of business premises.



## SANITARY INSPECTION

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

Complaints investigated .. .. .	48
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### Public Health Acts:—

Houses .. .. .	22
Other Premises .. .. .	2
Animals improperly kept .. .. .	2
Dirty and verminous premises .. .. .	3
Drainage defects .. .. .	21
Conversions .. .. .	15
Cesspools .. .. .	—
Scavenging .. .. .	45
Water Supplies (including samples) .. .. .	13
Dangerous Buildings .. .. .	5
Offensive Trades .. .. .	—
Living Vans .. .. .	17
Public Conveniences .. .. .	6
Re-inspections .. .. .	22
Pest Control .. .. .	8
Street cleaning .. .. .	9
Total ..	238

### Clean Air Act, 1956:—

Smoke Control .. .. .	1,039
Notices served .. .. .	1
Smoke Observations .. .. .	5
Chimney Heights .. .. .	3
Deposit Gauge and Lead Peroxide Instrument .. .. .	16
Volumetric Smoke Filter .. .. .	74
Total ..	1,138

### Housing Acts:—

Houses .. .. .	159
Overcrowding .. .. .	—
Certificate of disrepair .. .. .	—
Improvement Grants .. .. .	105
Applications for re-housing .. .. .	13
Council house repairs and maintenance .. .. .	60
Re-inspections .. .. .	7
Demolitions .. .. .	27
Total ..	371

### Factories Acts:—

Factories with power .. .. .	40
Factories without power .. .. .	—
Outworkers .. .. .	—
Sites of building operation and works of engineering construction .. .. .	13
Total ..	53

**Food and Drugs Acts:—**

Registered Food Premises	..	..	..	..	2
Food Shops ..	..	..	..	..	42
Restaurant Kitchens	..	..	..	..	34
Canteens ..	..	..	..	..	2
Public Houses	..	..	..	..	38
Ice Cream Vendors	..	..	..	..	1
Butcher's Shops	..	..	..	..	4
Poultry Packers	..	..	..	..	12
Milk Distributors	..	..	..	..	—
Slaughterhouses	..	..	..	..	5
Meat Inspection	..	..	..	..	58
Unsound Food	..	..	..	..	8
Knackers Yard	..	..	..	..	—
Bakehouse ..	..	..	..	..	—
Investigation of Food Complaints	..	..	..	..	21
Food Factories	..	..	..	..	2
Delivery Vehicles	..	..	..	..	7

Total .. 236

**Offices, Shops and Railway Premises Act, 1963**

.. .. 111

**Infectious Diseases:—**

Infectious Disease ..	..	..	..	..	2
Infectious contacts	..	..	..	..	1
Food Poisoning investigations	..	..	..	..	7
Dysentery investigations, Cases	..	..	..	..	—
Contacts	..	..	..	..	3
Pathological specimens collected	..	..	..	..	16
Fumigations ..	..	..	..	..	—

Total .. 29

**Rodent Control:—**

.. .. 73

**Miscellaneous:—**

Sundry visits	..	..	..	..	92
Interviews ..	..	..	..	..	149
Sewage Works	..	..	..	..	7
Sewerage ..	..	..	..	..	16
Farm effluents	..	..	..	..	16
Refuse tips	..	..	..	..	60
Diseases of animals..	..	..	..	..	1
Biological specimens	..	..	..	..	—
Disposal of dead ..	..	..	..	..	3
Ineffective visits	..	..	..	..	25
Footpaths and bridle roads	..	..	..	..	14
Petrol tanks ..	..	..	..	..	5
Fire Prevention	..	..	..	..	—
Painting contracts	..	..	..	..	—
Trade effluent samples	..	..	..	..	—
Shelters ..	..	..	..	..	17
Boarding Establishments	..	..	..	..	5
Scrap Metal Dealers	..	..	..	..	1

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## SECTION C.

### HOUSING

#### Erection of New Houses

The total number of occupied houses at the 31st December was 8,973 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 1967	Total 1966
(a)	By Local Authority ..	24	—	24	16
* (b)	By any other Housing Authority .. .. .	363	—	363	144
(c)	By private persons ..	—	153	153	176

\*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 .. .. .	6
(b) Total number of applications approved since inception of scheme .. .. .	265
Amounts paid in grants by the Council during the year .. .. .	£4,989 18s. 6d.
Total amounts paid in grants by the Council since the inception of scheme ..	£71,507 9s. 0d.

##### 2. Standard Grants

(a) Applications approved by the Local Authority during the year .. .. .	19
(b) Total number of applications approved since inception of scheme .. .. .	165
Amount paid in grants by the Council during the year .. .. .	£2,533 19s. 0d.
Total amount paid in grants by the Council since the inception of scheme ..	£15,306 6s. 3d.

#### Council Houses

There were 24 Council houses built during the year as compared with 16 during 1966. This figure includes the provision of a Warden's flat and communal centre with 17 bungalows at Aycliffe.

#### Rent Act, 1957

There were no applications for certificates of disrepair.

**HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES ELSEWHERE**

A	Houses	IN OR ADJOINING CLEARANCE AREAS declared under Section 42 of the Housing Act, 1957	Unfit for human habitation	Number of houses Number of separate dwellings contained therein	4
			Included by reason of bad arrangement	Number of houses Number of separate dwellings contained therein	
			On land acquired under Section 43 (2) Housing Act, 1957	Number of houses Number of separate dwellings contained therein	
	Demolished	NOT IN OR ADJOINING CLEARANCE AREAS	As a result of formal or informal pro- cedure under Section 16 or Section 17 (1) Housing Act, 1957	Number of Houses Number of separate dwellings contained therein	10 10
			Local authority owned houses certified unfit by the Medical Officer of Health	Number of Houses Number of separate dwellings contained therein	
			Houses unfit for human habitation where action has been taken under local Acts	Number of houses Number of separate dwellings contained therein	
			Houses included in unfitness orders made under para 2 of the Second Schedule to the land compensation Act, 1961	Number of houses Number of separate dwellings contained therein	
		Number of separate dwellings included above which were previously reported as closed		Reported as closed up to 31st December, 1964 Reported as closed since 31st December, 1964	3 3
	B	Unfit Houses Closed closing orders or undertakings	Under Sections 16 (4), 17 (1) and 35 (1) Housing Act, 1957 and Section 26 Housing Act, 1961	Number of houses Number of separate dwellings contained therein	4 4
			Under Sections 17 (3) and 26 Housing Act, 1957	Number of houses Number of separate dwellings contained therein	
PARTS OF BUILDINGS CLOSED under Section 18 Housing Act, 1957			Number of dwellings		
C	Number of Persons Displaced	From houses to be demolished in or adjoining clearance areas			
		From houses to be demolished not in or adjoining clearance areas		1	
		From houses to be closed		1	
		From parts of buildings to be closed			
D	Number of Families Displaced	From houses to be demolished in or adjoining clearance areas			
		From houses to be demolished not in or adjoining clearance areas			
		From houses to be closed			
		From parts of buildings to be closed			
E	Unfit Houses Made Fit	After informal action by local authority by owner			
		After formal notice under Sections 9 and 16, Housing Act, 1957 (a) by owner			
		(b) by local authority			
		After formal notice under Public Health Acts			
		After modification or revocation of a clearance order under Section 21 Housing Act, 1961			
		After determination of a demolition order under Section 24 Housing Act, 1957			
		After determination of a closing order under Section 27 Housing Act, 1961			



F Houses in which Defects were remedied (Other than unfit houses made fit) After formal notice under Public Health Acts					—
G  Unfit Houses in Temporary Use (Housing Act, 1957)	POSITION AT END OF YEAR	Retained for temporary accommodation	Under Section 48	Number of houses Number of separate dwellings contained therein	— — —
			Under Section 17 (2)	Number of houses Number of separate dwellings contained therein	— — —
			Under Section 46	Number of houses Number of separate dwellings contained therein	— — —
			Licensed for temporary accommodation under section 34 or 53 – No. of houses		— —
		H Purchase of Houses by Agreement	Houses in clearance areas other than those included in confirmed orders or compulsory purchase orders.		Number of houses  Number of occupants

# SLUM CLEARANCE. PROGRESS REPORT, 1967

PARISH	Housing Plan for 1961—1965	Houses dealt with during 1967	Houses remaining to be dealt with	Houses dealt with 1967			Total number of houses dealt with since 1956
				By Orders	Made fit		
					Formally	Informally	
Archdeacon Newton ..	—	—	—	—	—	4	
Aycliffe ..	16	2	—	—	2	84	
Barnpton ..	1	1	—	—	1	6	
Bishopton ..	6	8	—	2	6	34	
Great Burdon ..	1	—	—	2	—	17	
Blackwell ..	1	2	1	1	—	10	
Brafferton ..	1	1	—	1	—	7	
Coatham Mundeville ..	2	1	—	—	—	6	
Coniscliffe, High ..	1	—	—	—	—	17	
Coniscliffe, Low ..	2	—	—	—	—	18	
Denton ..	1	1	—	—	1	4	
Dinsdale, Low ..	—	—	—	—	—	—	
East & West Newbiggin ..	—	—	—	—	—	—	
Great Stainton..	—	—	—	2	1	49	
Heighington ..	9	3	—	4	—	9	
Houghton le Side ..	5	4	1	5	—	63	
Hurworth ..	10	5	—	—	—	—	
Killerby ..	—	—	—	1	—	5	
Little Stainton ..	—	1	2	2	1	90	
Middleton-St.-George ..	7	3	—	—	—	1	
Morton Palms ..	—	—	—	—	—	23	
Neasham ..	7	1	1	4	1	30	
Piercebridge ..	—	4	5	5	1	30	
Sadberge ..	10	6	—	4	—	4	
Sockburn ..	1	4	—	3	—	6	
Summerhouse ..	1	3	—	1	—	5	
Walworth ..	1	1	—	—	—	11	
Whessoe ..	1	—	—	—	—	—	
	84	51	10	37	1	13	533



Houses in 5 year plan 1961-1965 .. .. .	84
Houses dealt with on 5 year plan during 1967 .. .. .	24
Houses remaining to be dealt with .. .. .	10
Other Houses dealt with during 1967 .. .. .	25
Total Houses dealt with by Closing, Demolition Orders, or made fit .. .. .	51
Total Houses dealt with since 1956 .. .. .	533

### 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.

### Applications for Council Houses

#### APPLICANTS RESIDING IN RURAL AREA

Villages where Houses are required	Council Houses		Aged persons Bungalows	
	No. with homes of their own	No. without homes of their own	No. with homes of their own	No. without homes of their own
Aycliffe, Great .. .. .	15	5	21	2
Bishopton .. .. .	2	—	3	2
Brafferton .. .. .	1	—	—	—
High Coniscliffe .. .. .	5	—	2	1
Low Coniscliffe .. .. .	—	—	—	—
Heighington .. .. .	12	—	5	3
Hurworth .. .. .	24	6	17	3
Middleton-St.-George .. .. .	20	4	18	1
Neasham .. .. .	—	—	—	—
Piercebridge .. .. .	7	1	—	—
Sadberge .. .. .	3	4	3	1
Great Stainton .. .. .	—	—	—	—
Summerhouse & Killerby .. .. .	1	—	—	—
Whessoe .. .. .	4	—	—	—
Walworth .. .. .	—	—	—	—
	94	20	69	13

33 applications were made as compared with thirty the previous year from persons without homes of their own.

### Moveable Dwellings—Licensed Sites

There are five licensed sites (for an indefinite period) one site for six moveable dwellings which is not in use, two for two moveable dwellings and two for one moveable dwelling. All six caravans are occupied.

## SECTION D.

### INSPECTION AND SUPERVISION OF FOOD

#### Inspection of Meat and Other Foods

There is one licensed slaughterhouse in the district owned by a private person. During the year, 66 meat inspection visits were made when 518 carcasses, with a total weight of approximately 38 tons were inspected.

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed ..	90	—	—	324	104	—
Number inspected ..	90	—	—	324	104	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI : Whole carcasses condemned ..	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ..	33	—	—	24	9	—
Percentage of the number inspected affected with disease other than tubercul- osis and cysticerici ..	36.6	—	—	7.4	8.7	—
TUBERCULOSIS ONLY : Whole carcasses con- demned .. ..	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—
Percentage of the number inspected affected with tuber- culosis .. ..	—	—	—	—	—	—
CYSTICERCOSIS : Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—

Carcasses and portions thereof and organs having a total weight of 4 cwts. 7 stones were found to be diseased or otherwise unfit for human consumption and were disposed of accordingly.

#### Meat Inspection (Amendment) Regulations, 1966

The Council implemented the above regulations, and fixed the times of slaughter at the remaining slaughterhouse to—Mondays: 8 a.m. – 7 p.m. Wednesdays: 12 noon – 7 p.m.



### **Poultry Inspection**

There is one poultry processing factory in the district. The total number of inspections carried out during the year was 12. The approximate number of birds processed per year is 250,000 hens. Percentage of birds which are rejected is approximately 0.25%.

During the year, efforts were made to improve the standard of hygiene in the processing establishment. Unfortunately, a great deal still remains to be done to bring the standards into line with those recommended by the Minister.

Poultry processing is carried out on the line system with dry evisceration and deep freeze storage.

The Spotter System whereby staff employed by the establishment put to one side birds suffering from disease for the Public Health Inspector to examine is not carried out.

### **Milk and Dairies (General) Regulations, 1959**

There are nine registered distributors of milk in the area.

### **Milk (Special Designations) Regulations, 1963**

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

During 1967 the following samples were taken in the area by the County Council.

DESIGNATION			NO. TAKEN	RESULTS
Tuberculin tested	..	..	82	53 passed. 8 failed Methylene blue test & 18 were void.
Pasteurised	..	..	39	33 passed. 3 failed Methylene blue test & 3 were void.
Sterilised	..	..	10	All passed.

Five samples were taken from schools in the area.

### **Food Hygiene (Market Stalls & Delivery Vehicles) Regulations, 1966**

The above Regulations came into operation on 1st January, 1967, and apply to any trade or business which is carried on from a Market stall or delivery vehicle from which food is sold.

The principal requirements of the Regulations relate to cleanliness, hygiene in handling food and the provision of washing facilities with certain exemptions.

Several inspections of vehicles have been carried out and where necessary warning letters sent to the traders concerned.

## **FOOD PREMISES**

### **Shops**

### **Food Hygiene (General) Regulations, 1960**

During the year greater emphasis was placed on the inspections of food premises. A total of 226 visits was made to food premises resulting in a total of 229 contraventions being found. Notices were served on the persons responsible. The following table shows the type of premises and analysis of contraventions found.



# FOOD HYGIENE (GENERAL) REGS. 1960 - ANALYSIS OF CONTRAVENTIONS

	Bakers (2)	Confectioners (13)	Butchers (11)	Fish Shop (wet and cooked) (5)	General Provisions (49)	Miscellaneous including Green- grocers (5)	Licensed Premises			Cafes & Rests. (4)	Canteens (13)	Total (151)
							Clubs (13)	Shops (3)	P.H. & Hotels (33)			
Reg. 6 Cleanliness of equipment .. .. .	—	—	5	—	6	2	—	—	8	6	—	27
Reg. 8 Protection of food from risk contamination ..	—	—	3	—	5	1	—	—	7	—	—	16
Reg. 9 Personal cleanliness .. .. .	—	—	1	—	—	2	—	—	—	—	—	3
Reg. 10 Carrying of and wrapping of open food ..	—	—	—	—	—	—	—	—	—	—	—	—
Reg. 12 Soil drainage arrangements .. .. .	—	—	1	—	2	—	—	—	6	—	—	9
Reg. 14 Sanitary Conveniences—												
Poor Lighting .. .. .	—	—	—	—	1	—	—	—	—	1	—	2
Absence Hygiene Notice .. .. .	—	—	—	—	5	—	—	—	1	1	—	7
Reg. 15 Inadequate Water Supply .. .. .	—	—	—	—	—	—	—	—	—	—	—	—
Reg. 16 Provision of W.H.B.—												
Absence of W.H.B. .. .. .	—	—	—	—	3	3	—	—	2	1	—	9
Absence of hot water W.H.B. .. .. .	—	—	—	—	5	3	—	—	4	1	—	13
Absence of soap, towel, nail brush .. .. .	—	—	—	—	5	3	—	—	8	1	—	17
Reg. 17 First Aid Materials .. .. .	—	—	1	—	5	1	—	—	6	2	—	15
Reg. 18 Locker accommodation for clothing .. .. .	—	—	—	—	1	1	—	—	3	—	—	5
Reg. 19 Inadequate facilities for washing food & equipment	—	—	1	—	2	—	—	—	—	1	—	4
Reg. 20 Lighting .. .. .	—	—	—	—	—	1	—	—	3	—	—	4
Reg. 21 Ventilation .. .. .	—	—	—	—	2	—	—	—	—	1	—	3
Reg. 23 Cleanliness and repair of food rooms, etc. ..	—	—	7	2	10	9	—	—	36	18	—	82
Reg. 24 Accumulation of refuse, etc. .. .. .	—	—	3	—	3	1	—	—	4	2	—	13
Reg. 25 Control temperature at which certain foods are to be kept .. .. .	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	22	2	55	27	—	—	88	35	—	229



# FOOD PREMISES

	Bakers	Confectioners	Butchers	Fish Shop (wet and cooked)	General Dealers	Miscellaneous including Green Grocers	Licensed Premises			Cafes & Rests	Canteens	Total
							Clubs	Shops	P.H. & Hotels			
Aycliffe, Newton	—	9	6	2	10	3	4	2	2	1	1	40
Aycliffe, Great ..	1	—	1	—	3	—	3	—	4	1	12	25
Barnpton ..	—	—	—	—	—	—	1	—	—	—	—	1
Bishopston ..	—	—	—	—	3	—	—	—	2	—	—	5
Blackwell ..	—	—	—	—	—	—	1	—	—	—	—	1
Brafferton ..	—	—	—	—	1	—	—	—	—	—	—	1
Coatham Mundeville	—	—	—	—	—	—	—	—	—	—	—	1
Coniscliffe, High	—	—	—	—	1	—	—	—	1	2	—	3
Coniscliffe, Low	—	—	—	—	—	—	—	—	2	—	—	3
Dinsdale, Low ..	—	—	—	—	—	—	1	—	1	—	—	1
Great Stainton ..	—	—	—	—	—	—	—	—	1	—	—	1
Heighington ..	—	—	1	1	6	1	—	—	3	—	—	12
Hurworth ..	1	1	2	1	9	—	1	1	5	—	—	21
Middleton-St.-George	—	3	1	1	9	1	1	—	5	—	—	21
Neasham ..	—	—	—	—	1	—	1	—	1	—	—	3
Piercebridge ..	—	—	—	—	1	—	—	—	1	—	—	2
Sadberge ..	—	—	—	—	3	—	—	—	2	—	—	5
Summerhouse ..	—	—	—	—	1	—	—	—	1	—	—	2
Whessoe ..	—	—	—	—	1	—	—	—	1	—	—	2
	2	13	11	5	49	5	13	3	33	4	13	151

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

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

There are no manufacturers of ice cream in the area.

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	..	..	9	2
Aycliffe, Great	..	..	6	1
High Coniscliffe	..	..	1	—
Heighington	..	..	3	1
Hurworth	..	..	9	2
Middleton-St.-George	..	..	5	—
Piercebridge	..	..	1	—
Whessoe	..	..	1	—
Bishopton	..	..	2	—
Sadberge	..	..	2	—
Coatham Mundeville	..	..	1	—
			—	—
			40	6
			==	==

## Educational Activity

Educational activities took the form of visits to food 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 to ensure that they are aware of their responsibilities.

## Food & Drugs Act, 1955

During the year, 7 complaints were received under the provisions of the above Act. Two were in relation to mouldy foodstuffs, three relating to foreign objects within the foodstuff and two in connection with unclean milk bottles.

In relation to the second complaint regarding an unclean milk bottle, successful proceedings were taken by the Council under Section 2 of the Act in that the milk was not of the quality demanded by the purchaser. The defendant was fined £25 with 4 gns. costs.



## **SECTION E.**

### **CLEAN AIR**

#### **Industrial Premises**

There are 57 industrial premises with furnaces and 48 of these are on the North East Trading Estate at Aycliffe.

#### **Chimney Heights**

During the year the heights of three chimneys were approved in accordance with the Ministry Memorandum on chimney heights for boiler plants.

#### **Prior Approval Certificates**

One certificate was issued during the year.

#### **Smoke Control**

During the year the Council's Smoke Control programme, which envisages the making of the new town at Newton Aycliffe smokeless by the early 1970's, was able to continue unabated with the support of the Aycliffe Development Corporation. At the end of the year 2,597 premises were covered by Orders leaving a total of 3,434 properties remaining to be dealt with.

#### **Smoke Control Order No. 2**

This area which comprises 1,099 houses was confirmed by the Minister on 12th January, 1966, and came into operation on 1st July, 1967. There was no serious difficulty encountered, only one Notice being served which was complied with.

#### **Smoke Control Order No. 3**

The above Order was submitted to the Ministry and confirmed on the 30th June, 1967. This Order comprises some 953 private dwellings, 12 commercial premises and 2 other premises. It will become operative on the 1st July, 1968.

#### **Atmospheric Pollution**

The following graphs indicate the present trends of air pollution in Newton Aycliffe as compared with the situation in the Skerne Park and Albert Hill area of the Darlington County Borough. The volumetric graph also shows the amount of air pollution in the rural area of Sadberge where there is no development within close proximity.

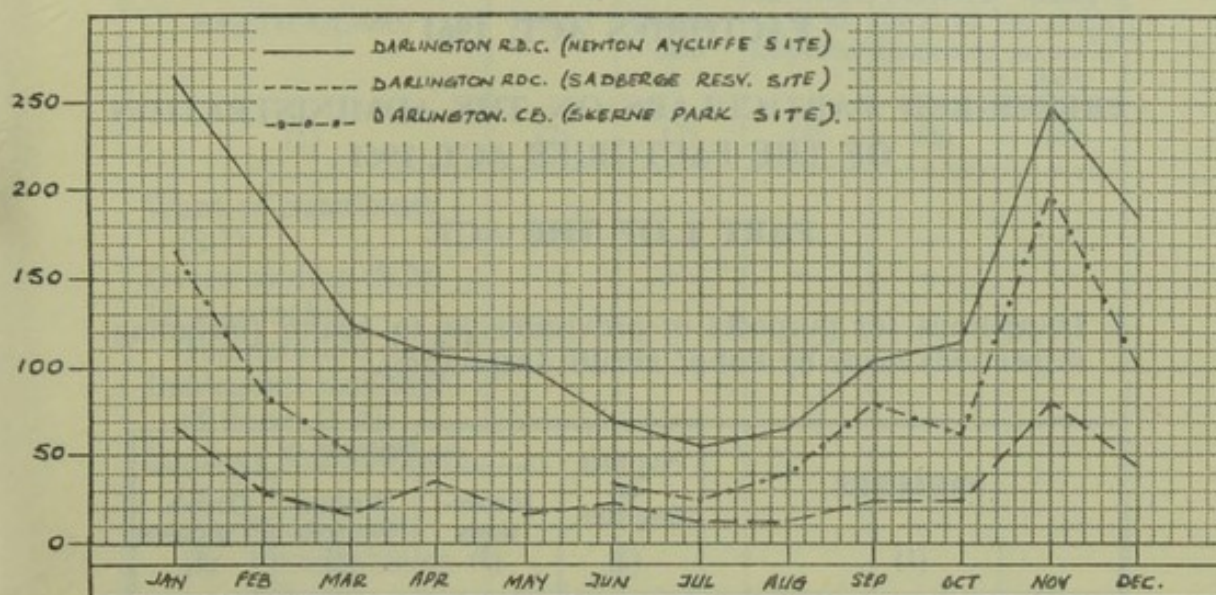
While the graphs indicate a fairly high degree of pollution at Newton Aycliffe it is only fair to note that the situation of the volumetric apparatus is very near domestic dwellings and, therefore, a high reading can be expected.

The area in which the volumetric apparatus is situated is scheduled to become a Smoke Control Area in 1968 and, therefore, it is expected that there will be a marked drop in the amount of smoke pollution recorded, although it is quite possible that the amount of sulphur dioxide pollution will be increased due to the fact that the majority of solid fuel appliances are being converted to give a greater output for central heating purposes. This will mean greater output of sulphur dioxide into the atmosphere.



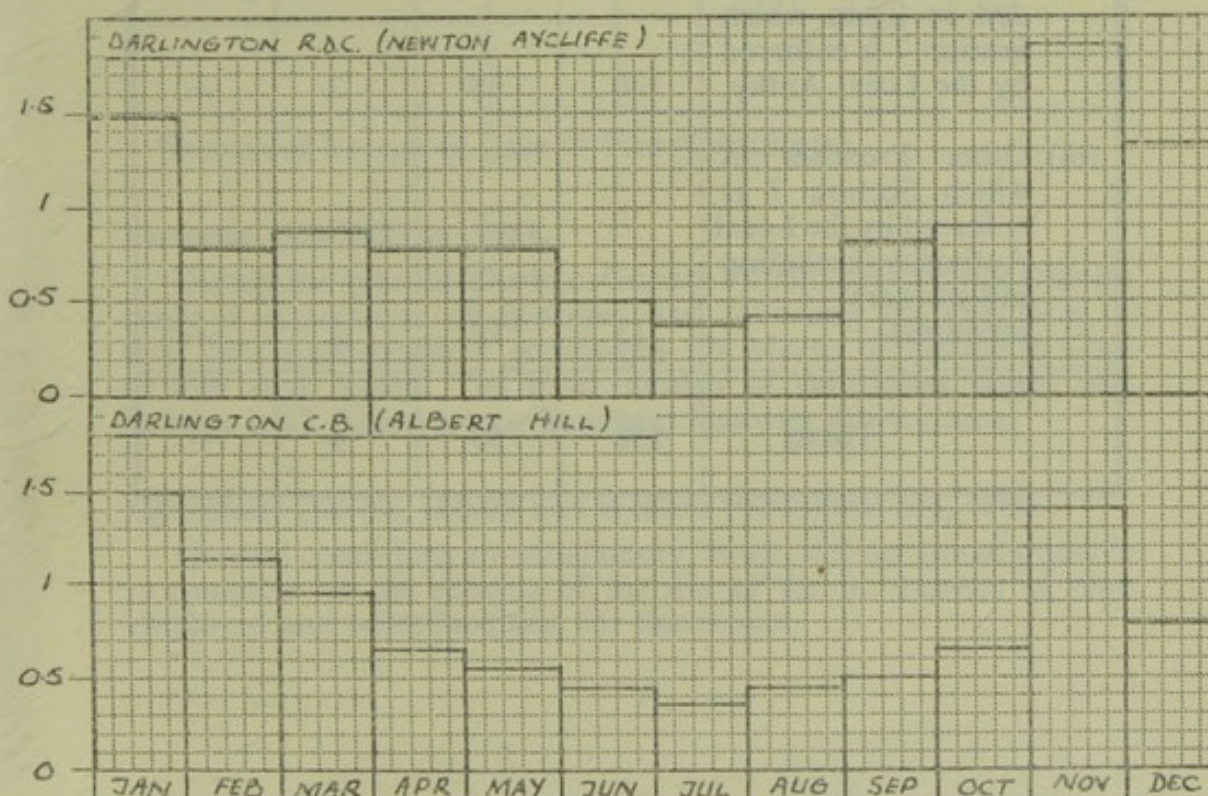
## GRAPHS SHOWING PRESENT TRENDS IN ATMOSPHERIC POLLUTION

### VOLUMETRIC SMOKE FILTER (Smoke Concentration in Microgrammes per Cubic Metre)



The average concentration of smoke during the year was 142 microgrammes per cubic metre which compares unfavourably with the concentration at Darlington County Borough of 84 microgrammes during the same period. The concentration of smoke at the control site at Sadberge was 32.

### LEAD PEROXIDE INSTRUMENT – ESTIMATES OF SULPHUR DIOXIDE (Milligrams of $SO_3$ per 100 Square Centimetres per Day)



The average of sulphur dioxide at Newton Aycliffe of 0.90 microgrammes of  $SO_3$  per 100 square centimetres per day is higher than was recorded in the heavy industrial area of Albert Hill, Darlington, where readings averaged only 0.77.

#### DEPOSIT GAUGE—

Due to vandalism throughout the year, figures of the deposit gauge do not show a true picture.



## SECTION F.

### FACTORIES ACT, 1961

#### PRESCRIBED PARTICULARS ON THE ADMINISTRATION OF THE FACTORIES ACT, 1961

##### 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. Pr'secuted (5)
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authority	9	Nil	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authy.	136	38	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	13	12	2	—
Totals	158	50	4	—

## 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 ..	—	—	—	—	—
(b) Unsuitable or defective ..	3	1	—	1	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act* (not including offences relating to Outwork)	4	4	—	—	—
	7	5	—	1	—

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

### Factories Acts 1937 to 1961.

During the year the Durham County Fire Brigade Service Officers made 4 inspections of factories and following the execution of their recommendation 4 certificates for Means of Escape in Case of Fire were issued. The total number of certificates issued and in force is 67. There are no basement factories in your area.

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

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



## SECTION G.

### OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

During 1967 informal notices were served in respect of 131 contraventions of the Act in 111 premises, details of which are shown below:—

DETAILS OF CONTRAVENTION	No. of cases	
	1966	1967
Abstracts of Act not displayed .. .. .	62	22
Lack of cleanliness .. .. .	13	12
Heating below minimum; or .. .. .	8	19
Thermometers not provided .. .. .	60	—
Ventilation inadequate .. .. .	5	2
Lighting below minimum .. .. .	56	11
Defective floors .. .. .	9	14
Absence of first aid box .. .. .	17	20
Absence of accommodation for clothing .. .. .	7	5
Washing facilities not up to standard .. .. .	27	13
Floors, passages and stairs unsatisfactory .. .. .	3	—
Sanitary conveniences not up to standard .. .. .	9	4
Premises not registered .. .. .	—	9
	276	131

From these figures it will be seen that the main contraventions were in respect of the requirement to display abstracts of the act. In 22 premises no abstracts were displayed or available. The number of contraventions has dropped substantially since last year.

Six accidents were reported during the year and of these four were investigated.

### Copy of Report submitted under Section 60 of the Act to the Ministry of Labour

TABLE A—REGISTRATIONS AND GENERAL INSPECTIONS

Class of premises	Number of premises registered during the year	Total number of registered premises at end of year	Number of registered premises receiving general inspection during the year
(1)	(2)	(3)	(4)
Offices .. .. .	2	23	10
Retail shops .. .. .	4	76	34
Wholesale shops, warehouses .. .. .	—	5	—
Catering establishments open to the public, canteens .. .. .	2	22	14
Fuel storage depots .. .. .	—	—	—
TOTALS .. .. .	8	126	58

TABLE B—NUMBER OF VISITS OF ALL KINDS BY INSPECTORS TO REGISTERED PREMISES

111

TABLE C—ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

Class of workplace							Number of persons employed
(1)							(2)
Offices	..	..	..	..	..	..	192
Retail shops	..	..	..	..	..	..	355
Wholesale departments, warehouses					..	..	16
Catering establishments open to the public	..				..	..	182
Canteens	..	..	..	..	..	..	—
Fuel storage depots	..	..	..	..	..	..	—
TOTAL	..	..	..	..	..	..	745
							==
TOTAL MALES	..		..	..	..	..	319
TOTAL FEMALES			..	..	..	..	426

TABLE D—EXEMPTIONS

Nil.

TABLE E—PROSECUTIONS

Nil.

TABLE F—INSPECTORS

No. of Inspectors appointed under Section 52 (1) or (5) of the Act	..	..	..	..	..	2
No. of other Staff employed for most of their time on work in connection with the Act	..	..	..	..	..	Nil.

#### Remarks

There would appear to be a general improvement in all premises as people become more aware of the provisions of the Act. However, there is no room for complacency, it is only through regular inspection of premises that a high standard will be achieved and maintained.



## SECTION H.

### 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 are situated on Aycliffe Trading Estate.

#### Prevention of Damage by Pests Act, 1959

During the year maintenance treatment of sewers in the district were carried out.

73 non-agricultural properties were found to be infested and successfully treated.

73 complaints were received during the year and dealt with.

The following infestations of vermin were dealt with:—

Clover Mite .. .. —	Wasps .. .. .. 5
Cockroaches .. .. —	Silverfish .. .. .. 1
Woodworm .. .. 12	Bed Bugs .. .. .. —

#### 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 84 licences issued in connection with the storage of petroleum spirit of which 5 were new licences.

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

Archdeacon New. 1	Dinsdale, Low 1	Morton Palms 1
Aycliffe 31	Great Burdon 2	Piercebridge 2
Barmpton 1	Heighington 3	Sadberge 6
Bishopton 4	Houghton-le-Side —	Sockburn —
Blackwell 2	Hurworth 4	Summerhouse 2
Coatham Mund. 1	Killerby 1	Whessoe 2
Coniscliffe, Low 3	Little Stainton 2	Great Stainton 1
Coniscliffe, High 4	Middleton-St.-G.10	

#### Civic Amenities Act, 1967

This Act imposes a duty on the Council to provide a place where residents may deposit refuse free of charge. Also makes it a statutory offence to deposit litter on any land in the open air.

Gives power and duties to local authorities regarding the removal of refuse and abandoned vehicles.

## Animal Boarding Establishment Act, 1963

The Council issued two licences covering a total of 18 dogs.

### 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). These were superseded as from the 1st February, 1966 by the Building Regulations, 1965.

New Streets .. .. .	9th May, 1938.
Food Handling .. .. .	8th May, 1950.
Byelaws relating to the Sanitary Condi- tions and Management of Private Slaughterhouses .. .. .	1st April, 1957.
Nuisance contrary to Public Decency in the Parishes of Great Aycliffe, Heigh- ington, Hurworth and Middleton-St.- George .. .. .	1st June, 1957.
Fouling of Footways by Dogs, Middle- ton-St.-George and Great Aycliffe ..	1st November. 1961.





