[Report 1971] / Medical Officer of Health, Washington U.D.C.

Contributors

Washington (England). Urban District Council.

Publication/Creation

1971

Persistent URL

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Washington Urban District Council

ANNUAL REPORT

OF THE

Deputy Medical Officer of Health and Senior Public Health Inspector

FOR THE YEAR 1971

Dr. T. A. SHAW

Deputy Medical Officer of Health

E. SOADY,

M.A.P.H.I., Senior Public Health Inspector

1972 CWS PRINTERS A





Washington Urban District Council

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Deputy Medical Officer of Health and Senior Public Health Inspector For the Year 1971

Dr. T. A. SHAW, Deputy Medical Officer of Health

E. SOADY,
M.A.P.H.I., Senior Public Health Inspector.

WASHINGTON URBAN DISTRICT

Members of Council and Health Committee, 1971

CHAIRMAN OF COUNCIL:

Councillor P. WALMSLEY.

CHAIRMAN OF HEALTH COMMITTEE:

Councillor D. SLEIGHTHOLME.

GREAT USWORTH WARD

Councillor R. Coates, 14, Garsdale Avenue.

Councillor C. McIlroy, c.c., 34, The Drive.

Councillor J. WHITEMAN, 24, Beech Grove.

Councillor Mrs. V. SMITH, 121, Donvale Road.

Councillor T. WANLESS, 78, Coach Road Estate.

SPRINGWELL WARD

Councillor J. R. Coxon, 5, Westfield Crescent.

Councillor Mrs. S. GRANT, "Lenric", Fell Road.

USWORTH COLLIERY WARD

Councillor T. Lowden, 68, Tyne Gardens.

Councillor J. K. Murray, 517, Coach Road Estate.

Councillor F. C. PARKIN, 5, East View.

Councillor J. Walker, 2, South Avenue.

Councillor P. WALMSLEY, 20, Penshaw View.

Councillor J. Marshall, 37, Manor Park.

WASHINGTON WARD

Councillor T. M. FINNIGAN, C.C., 42, Urban Gardens.

Councillor G. F. HASKETT, 63, Park Avenue.

Councillor T. Roddy, 105, Barmston Way.

Councillor D. Sleightholme, 27 Raeburn Avenue.

WASHINGTON STATION WARD

Alderman M. Allon, 101, Glebe Crescent.

Councillor M. BLAND, 21, Gainsborough Avenue.

Councillor R. McGlen, 8, Queensway.

Councillor K. Pyle, "Torpenhow," The Green.

Councillor T. W. PARDON, 22, Eden Terrace.

Area in acres				6,6	13 acres
Registrar General's Estimate of Remid-1971	sident l		tion,		24,330
Number of Inhabited Houses (1st according to Rate Books	April,	Mark 1	,	MALLAL 	9,618
Rateable Value (1st April, 1971)				£	769,743
Sum represented by a 1p Rate		U.A.		1	£10,474
cam represented by a 1p rate	21.575.17	12597	al original		5.20,171

CHAIRMAN OF HEALTH COMMITTEE: Councillor D. SLEIGHTHOLME.

Officials:

DEPUTY MEDICAL OFFICER OF HEALTH: Dr. T. A. Shaw.

> SENIOR PUBLIC HEALTH INSPECTOR: E. SOADY, M.A.P.H.I.

PUBLIC HEALTH INSPECTOR:
C. L. GARDNER, M.A.P.H.I.

HEALTH DEPARTMENT, COUNCIL CHAMBERS, WASHINGTON.

To the Chairman and Members of the Washington Urban District Council.

MR. CHAIRMAN AND MEMBERS,

I herewith present the Annual Report for the year 1971. Throughout the year several attempts were made, without success, to fill the post of Medical Officer of Health vacated by Dr. P. A. Y. Narayanan in May, 1970.

There has been an increase in population of over 2,000 this year, which is the largest increase ever recorded for the district.

The Birth Rate also shows a slight increase over last year, whilst the Death Rate shows a slight decrease.

The Infant Mortality Rate, however, has again increased this year and is greater than that for England and Wales.

An outbreak of sonnei dysentery early in the year resulted in 143 cases being notified. The outbreak affected mainly school-children; 50% of the notifications being in respect of children within the 5 years to 9 years age group. During the months of February and March the Council's Public Health Inspectors made over 600 visits to suspected and confirmed cases of dysentery throughout the district. Additional personal hygiene routines were introduced into the schools throughout the district, and parents of all schoolchildren were given advice on what action to take should their children or family contacts develop symptoms of dysentery.

Although there have been periods of difficulty in manning the Meals-on-Wheels service, it has continued to operate satisfactorily, as have the two Luncheon Clubs. The voluntary workers and all involved are to be highly commended for their efforts and continued interest in these essential services.

During the year 16 applications for rehousing on medical grounds were investigated and recommendations made to the Housing Committee.

I would like to express my thanks to the General Practitioners in the District; the Hospital Consultants; and Dr. Crone and his staff at the Public Health Laboratory for their continued help and co-operation.

Finally, I would like to express my thanks to the Chairman and Members of the Council, the Chief Officers and members of staff for their help and support.

T. A. SHAW, Deputy Medical Officer of Health.

COUNCIL CHAMBERS, OCTOBER, 1972.

Health Services

Administered by the County Council and the Ministry of Agriculture, Fisheries and Food.

The following Health Services are administered by Durham County Council as the responsible Local Health Authority under the National Health Service Act:—

Ambulance.

Home Nursing.

Home Helps.

Preventive measures against Smallpox, Poliomyelitis, Diphtheria, and Tuberculosis.

Child Welfare and Maternity.

School Medical.

Welfare of the Aged.

Welfare of the Blind and Handicapped.

Health Visitors.

The County Council are also responsible for the administration of Part III of the National Assistance Act, 1948.

FOOD AND DRUG INSPECTORS are appointed by, and work under the direction of, the County Council.

VETERINARY INSPECTORS appointed by, and working under the direction of, the Ministry of Agriculture being responsible for conducting routine examinations of the cow population throughout the County in order to maintain and raise the standard of health of said cows.

Vital Statistics

Births and Birth Rate

The net number of live births (as corrected by the Registrar General for outward and inward transfers) during 1971 was 483, compared with 435 for 1970.

Sex and Legitimacy are shown thus:-

LIVE BIRTHS-

	Total	Male	Female	
Legitimate Illegitimate	450 33	232 17	218 16	Giving a Birth Rate of 19.9 per 1,000 of the estimated population.

To exactly compare the Birth Rate in Washington Urban District with that for England and Wales as a whole, it must be multiplied by a comparability factor of 0.95, giving a rate of 18.9 as compared with 16.0 for England and Wales.

The following table shows (i) the total number of births, (ii) the number of males born, (iii) the number of females born, (iv) the Birth Rate per 1,000 population, and (v) the total increase of population (i.e., the excess of births over deaths) for 1971, as compared with the years 1962-71:—

7	ear .		Total Births	Males	Females	Rate per 1,000	Total
1962			366	175	191	19.04	192
1963			390	194	196	20.00	209
1964			398	212	186	20-3	217
1965	****	***	359	192	167	18-17	140
1966	****		330	177	153	16.61	100
1967			411	219	192	20.51	203
1968			388	199	189	18-32	186
1969	****		385	203	182	17-58	153
1970			435	224	211	19.6	222
1971			483	249	234	19.9	251

Still Births

During 1971 there were 5 still births in the district.

STILL BIRTHS-

	Total	Male	Female
Legitimate Illegitimate	4	3	Giving a Still Birth Rate of 10.0 per 1,000 total (live and still births).

The Still Birth Rate for 1971 for England and Wales is 12.

Deaths and Death Rate

The Registrar General reports that after correction for outward and inward transfers, 232 residents of the Washington area died during 1971, being 131 males and 101 females.

Locally-compiled figures show that there were 108 deaths registered as having occurred within the district, being 63 males and 45 females.

One hundred and twenty-four persons, being 68 males and 56 females, normally resident in the district, died outside the area. There were, therefore, 124 inward transfers.

Of the 124 residents who died outside the area, 120 died in hospital, 3 in a private home, and 1 in an hotel.

The Death Rate for 1971, corrected for outward and inward transfers and including deaths from all causes and at all ages, was 9.5 for Washington Urban District, compared with 9.6 in 1970.

In order to compare the local figure with that for England and Wales, the former must be multiplied by a comparability factor of 1·36, giving a Death Rate for Washington of 12·9, whilst that for England and Wales is 11·6.

Total Deaths under Five Years (corrected locally)

During 1971, 12 children, being 7 males and 5 females, died before attaining the age of five years, as compared with 8 in 1970.

Therefore, 5.17 per cent. of the total deaths were of children under five years of age, as compared with 3.75 per cent. in 1970.

Maternal Mortality

There were no deaths among women from puerperal sepsis, pregnancy, or abortion.

Comparisons between England and Wales and Washington

The maternal mortality per 1,000 total live and still births, based on deaths which are primarily classed as due to diseases of pregnancy, childbirth, and the puerperal state, is shown in the following table:—

e district, being 163 em		ND AND ALES	Washington Urban District		
	Nos.	Rate	Nos.	Rate	
Maternal Causes, excluding Abortion	106	0.13	0	0.000	
Due to Abortion	27	0.03	0	0.000	
Total Maternal Mortality	133	0.17	0	0.000	

Death Rate of Infants under One Year

During 1971 there were 11 children, being 7 males and 4 females, who died in the area before attaining the age of one year. This is equivalent to an infantile mortality rate of 23·0 per 1,000 live births, compared with 18·0 for England and Wales.

In 1970 there were 7 children who died under one year of age, yielding an infantile mortality rate of 16.0 (per 1,000 total births).

The following table shows the death rates for infants under one year of age, according to the total number of live births and legitimacy for the years 1962-71:—

Year		All Infants per 1,000 Live Births	Legitimate Infants per 1,000 Legitimate Live Births	Illegitimate Infants per 1,000 Illegitimate Live Births	
1962		neo te	21.85	22.72	0.00
1963	****		15.38	15-62	0.00
1964	****		17-6	18-13	0.00
1965			16.7	14.16	166-66
1966			27.27	28.66	0.00
1967			26.76	28-13	0.00
1968			15.46	16.21	0.00
1969			13.00	14.00	0.00
1970			16.00	17.00	0.00
1971			23.00	24.00	0.00

The following table shows in detail the number and causes of deaths in infants during the first year of life, and also the deaths at the various ages.

Infant Mortality during the year ended 31st December, 1971

Cause of Death		A	ges of Children			Total
Extreme Prematurity			0 weeks			1
Acute Bronchiolitis		3 mo	nths, 4 mon	ths		2
Congenital Heart Disease			4 months			1
Cyanotic Congenital Heart	Dis	ease	9 months			1
Gastrochisis			1 week			1
Respiratory Distress			8 hours			1
Atelectasis			0 weeks		.,,,	1
Hyaline Membrane Diseas	e		11 hours			1
Prematurity			6 days			1
Cerebral Thrombosis			4 months			1
						11

Since the total deaths in the district at all ages was 232, then 4.74 per cent. of the total were children under one year of age. Of these infants 54.54 per cent. were one week old or older.

Death Rate of Infants Under One Week

During 1971 there were 5 infants who died before attaining the age of one week. This is equivalent to an early neo-natal Mortality Rate of 10.0 per 1,000 total live births.

There were 5 still births during 1971 in the district, which is equivalent to a perinatal Mortality Rate of 20.0 per 1,000 total live and still births.

Causes of Death in Washington Urban District during 1971

Malignant Neoplasm, Oesophagus Malignant Neoplasm, Stomach				
		E vi	largoli	Include
	****	****	5	5
		****	7	2
Malignant Neoplasm, Intestine	****		1	2
Malignant Neoplasm, Larynx	****	****	0	3
		144	0	5
	****	Intid	-Conne	2
			2	2
	1000	****		DO DO
	****			-
	2,111	****)	6
	****			1
	****		,	1
			1	-
		1000	Thron	2
	****	101	. 7	2
	****			27
	****		4.2	2
	****		7.75	14
				4
			200	9
	****			4
	****		1	mi 370
			3	-
			-	1
			-	1
[20] (CH) (CH) [20] (CH)			1	1
Congenital Anomalies	****		1	2
			2	1
Other Causes of Perinatal Mortality			1	1
Symptoms and Ill-Defined Conditions	****		+	2
Motor Vehicle Accidents	****		1	1
All Other Accidents			1	1
Suicide and Self-Inflicted Injuries			-	1
Tuberculosis, Respiratory			-	7
Tuberculosis, Other				DOTE S
	Chronic Rheumatic Heart Disease Hypertensive Disease Ischaemic Heart Disease Other Forms of Heart Disease Cerebrovascular Disease Other Diseases of Circulatory System Pneumonia Bronchitis and Emphysema Asthma Other Diseases of Respiratory System Cirrhosis of Liver Other Diseases of Digestive System Diseases of Musculo-Skeletal System Congenital Anomalies Birth Injury, Difficult Labour, etc. Other Causes of Perinatal Mortality Symptoms and Ill-Defined Conditions Motor Vehicle Accidents All Other Accidents Suicide and Self-Inflicted Injuries	Malignant Neoplasm, Breast Malignant Neoplasm, Uterus Malignant Neoplasm, Prostate Leukaemia Other Malignant Neoplasms Benign and Unspecified Neoplasms Anaemias Meningitis Chronic Rheumatic Heart Disease Hypertensive Disease Ischaemic Heart Disease Other Forms of Heart Disease Other Diseases of Circulatory System Pneumonia Bronchitis and Emphysema Asthma Other Diseases of Respiratory System Cirrhosis of Liver Other Diseases of Digestive System Diseases of Musculo-Skeletal System Congenital Anomalies Birth Injury, Difficult Labour, etc. Other Causes of Perinatal Mortality Symptoms and Ill-Defined Conditions Motor Vehicle Accidents All Other Accidents Suicide and Self-Inflicted Injuries	Malignant Neoplasm, Uterus Malignant Neoplasm, Prostate Leukaemia Other Malignant Neoplasms Benign and Unspecified Neoplasms Benign and Unspecified Neoplasms Anaemias Meningitis Chronic Rheumatic Heart Disease Hypertensive Disease Ischaemic Heart Disease Other Forms of Heart Disease Other Diseases of Circulatory System Pneumonia Bronchitis and Emphysema Asthma Other Diseases of Respiratory System Cirrhosis of Liver Other Diseases of Digestive System Diseases of Musculo-Skeletal System Congenital Anomalies Birth Injury, Difficult Labour, etc. Other Causes of Perinatal Mortality Symptoms and Ill-Defined Conditions Motor Vehicle Accidents All Other Accidents Suicide and Self-Inflicted Injuries	Malignant Neoplasm, Breast Malignant Neoplasm, Uterus Malignant Neoplasm, Prostate Leukaemia Other Malignant Neoplasms Benign and Unspecified Neoplasms Anaemias Meningitis Chronic Rheumatic Heart Disease Hypertensive Disease 1 Ischaemic Heart Disease Cerebrovascular Disease Other Forms of Heart Disease 3 Cerebrovascular Disease 13 Other Diseases of Circulatory System Pneumonia Bronchitis and Emphysema Asthma Other Diseases of Respiratory System Other Diseases of Digestive System Diseases of Musculo-Skeletal System Congenital Anomalies Birth Injury, Difficult Labour, etc. Other Causes of Perinatal Mortality Symptoms and Ill-Defined Conditions Motor Vehicle Accidents All Other Accidents Suicide and Self-Inflicted Injuries

Causes of Death

TUBERCULOSIS

There were no deaths from pulmonary tuberculosis during 1971.

COMPARATIVE TABLE

Year	No. of Deaths from Pulmonary Tuberculosis in Washington U.D.	Death Rate per 1,000 Population from Pulmonary Tuberculosis England and Wales	Death Rate per 1,000 Population from Pulmonary Tuberculosis in Washington U.D.	No. of Deaths from Non-Pulmonary Tuberculosis in Washington U.D.	Death Rate per 1,000 Population from Non- Pulmonary Tuberculosis England and Wales	Death Rate per 1,000 Population from Non-Pulmonary Tuberculosis in Washington U.D.
1962	0	0.059	0.000	0	0.007	0.000
1963	0 0 3	0.056	0.000	0	0.007	0.000
1964	3	0.047	0.153	0	0.006	0·000 0·051
1965	1	0.042	0.051	1	0.006	0.051
1966	2	0.043	0.101	0	0·005 0·005	0.000
1967	1 2 2 0 0	0.037	0.100	0	0.005	0.000
1968 1969	0	0.030	0.000	0	0·013 0·015	0.000
1970	0	0·022 0·019	0.000	0	0.015	0.000
1970	0	0.019	0.000	0	0.014	0.000

B.C.G. VACCINATION

The following table shows the number of B.C.G. Vaccinations carried out at the various schools throughout the district.

This is a form of preventative medicine which is most essential in Urban Districts, and it means that at least 80 per cent. of these children vaccinated are now, for a number of years, protected against tuberculosis.

School	No. Consenting	No. Skin-Tested	% Skin-Tested	No. Positive Readings	No. Negative Readings Vaccinated	% Positive Readings	% Negative Readings	No. Absent at Time of Reading	Negative Reactors not vaccinated for medical reasons
St. Roberts R. C. Comprehensive Usworth	240	204	85.00	4	178	1.96	87-25	15	7
Comprehensive	358	309	86-31	15	260	4.85	84-14	23	11
Washington Comprehensive	172	153	88-95	3	139	1.96	90-85	5	6

HEART DISEASE AND DISEASE OF THE CIRCULATORY SYSTEM

This includes :-

			Males	Females
Chronic Rheumatic Heart	Disc	ease	-	 2
Hypertensive Disease	****		1	 2
Ischaemic Heart Disease			47	 27
Other Heart Disease		****	3	 2
Other Circulatory Disease	****		3	 4
Total			54	 37

Therefore in 1971 there were 91 deaths due to the above-named causes—that is, 30.92 of the total deaths, or a death rate of 3.74 per 1,000 population. The percentage of total deaths in 1970 was 31.45 and the death rate 3.02.

COMPARATIVE TABLE

,	Veen		Year		Total	Deaths due to	DEATH PER 1,000 P	Percentage Total Deaths
	Cal		Deaths All Causes	Heart Disease	All Causes	Heart Disease	due to Heart Disease	
1961			218	66	11.546	3.49	30.28	
1962			174	69	9.053	3.59	39.6	
1963			181	73	9.28	3.74	40.33	
1964			181	64	9.23	3.26	35.35	
1965		****	219	81	11.08	4.099	37.44	
1966		****	230	87	11.58	4.38	37.83	
1967			218	81	10.38	4.04	37.16	
1968			202	70	9.54	3.31	34.65	
1969			232	75	10-6	3.46	32.32	
1970			213	67	9.6	3.02	31.45	
1971		****	232	91	9.5	3.74	30.92	

CANCER

This includes all malignant growths and diseases.

During 1971 there were 52 deaths certified as being due to malignant growths, being 29 males and 23 females. Of these, 11 were due to cancer of lungs and bronchi and 10 to cancer of stomach, 5 breast, 2 uterus, 1 oesophagus, 1 larynx, 9 intestine, 2 prostate and 11 to other malignant growths.

	England and Wales	Washington Urban District
Death Rate (per 1,000 population) cancer of lungs and bronchi	0.630	 0.452
Death Rate (per 1,000 population) other cancer	1.765	 1.685

The following table shows the number of deaths in the area due to cancer, and the mortality rate from this disease in 1971 compared with the preceding 10 years:—

Year		1	NUMBER OF DEATH	is	Mortality Rate
		Male	Female	TOTAL	per 1,000 Population
1961		26	15	41	2.17
1962		11	16	27	1.404
1963		15	17	32	1.666
1964		18	18	36	1.835
1965		17	19	36	1.822
1966	****	36	17	53	2.668
1967		27	27	54	2.695
1968	****	27	12	39	1.842
1969	****	29	21	50	2.277
1970		29	28	57	2.507
1971		29	23	52	2.137

Mass Radiography

No survey was carried out by the Unit in the Washington area during 1971.

Medical Examinations

During the year, 30 medical examinations were carried out under the Sickness Pay Scheme and for superannuation purposes.

Notifiable Disease during the year 1971

The incidence of infectious diseases, other than tuberculosis, as notified in the district during the period under consideration, the number of cases which received treatment in hospital, and the number of deaths from such infectious diseases are shown in the following table:—

DISEASES	Linet	mil .		Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Smallpox		-		d bine sa	mi-to room	
Scarlet Fever				7		
Diphtheria					****	
Enteric F. (incl. Par	atypho	oid)	****	1	1	****
Acute Meningitis				6	6	1
Puerperal Pyrexia						
Erysipelas		****		2.6		
Pneumonia		****		****	****	20
Ophthalmia Neonato	rum	****			****	****
Measles				4	1 0 231 0001	
Whooping Cough						
Dysentery				143	2	****
Poliomyelitis	****				4111	
Polioencephalitis						
Food Poisoning			****	4	2	
Acute Encephalitis	****	****		****		
Infective Hepatitis	****			4	****	
Total				169	11	21

Prevention of Blindness

Schemes for the above are entirely under the jurisdiction of the County Council.

Cases of Infectious Diseases during 1971 showing Age, Incidence, and Distribution

fariqeo	No. of Cases Removed to Ho	1	1	min	9	2	2	2	1
	Springwell	-	1	-	1	-	4	-	1
S	Great	1	1	-	2	3	72	:	-
WARDS	Usworth	-	1	-	-	П	45	1	2
B	Washington Station	2	-	:	2		7	1	1
	notgnings W	2	1	-	Н	-	15	3	-
	19vo bns čð	:	1	:	1	:	7	-	1
	45-64 years	EF:	-	:	1	1	2	2	
IED	25-44 years	9 !	1	:	2	-	13	1	-
CASES NOTIFIED	I5-24 years	0 :	-	:	-	2	-	- 1	-
ES N	10-14 years	1	-	1	-	-	16	1	-
CAS	5-9 years	4	1		-	1	69	-	-
R OF	4-5 years	6	1	-	-	:	12	1	1
NUMBER	3-4 years		-	:	. :	d	10	:	1
NC	2-3 years		-	:	:	:	7	:	
	I-2 years			-	-	1	=		
	0-1 year			2	-	:	di	7	aci a
	At All Ages	7	-	4	9	4	143	4	4
TI E III				:	1	:	:	:	
P.		A.	i	****	1	:		1	1
	DISEASE	:		1	-	:			titis
	DIS	Scarlet Fever	Paratyphoid B	Measles	Meningitis	Tuberculosis	Dysentery	Food Poisoning	Infective Hepatitis

New Cases of Tuberculosis during 1971

The following table shows the notification of tuberculosis, pulmonary and non-pulmonary, according to sex, for the year 1971, compared with the preceding 10 years:—

,	ear	F	ULMONAF	RY	Non-	PULMO	ONARY	
	car	M.	F.	Total	M.	F.	Total	
1961	****	 2	5	7	1	1	2	
1962		 6	5	11		2	2	
1963		 4	4	8	1	****	1	
1964		 7	6	13	3	****	3	
1965		 6	3	9				
1966		 4	2	6	****	****		
1967		 6	****	6	0-14"*			
1968		 3	3	6		1	1	
1969		 9	2	11	1	2	3	
1970	****	 5	4	9		****		
1971		 2	2	4	****			

The following table shows the distribution of pulmonary and non-pulmonary tuberculosis notified in 1971, according to sex and ward incidence:—

	Pulm Tuber	onary culosis	Non-Pu Tuber	Non-Pulmonary Tuberculosis		
Ward	M.	F.	M.	F.	Totals	
Washington	****	****		****		
Washington Station	****			****	- E	
Usworth Colliery	****	1			1	
Great Usworth	2	1		****	3	
Springwell	1000					
Total	2	2			4	

The following table shows the various age periods for males and females at which the new cases were notified and the age of those who died from tuberculosis:—

Ass Paried		New	CASES		DEATHS				
Age Period	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary		
	M.	F.	M.	F.	M.	F.	M.	F.	
Under 5 years								193.	
5—15 "		in me [11111	02111		
15—25 "	2					****			
25—45 "		1	****			****			
45—65 ,,		1							
65 and upwards			****	****	AL 90	01 78			
Ballifelium al		NOTON							
Total	2	2	****						

Examination of Sputa

Specimens of sputa sent by the family doctor or other medical practitioner are examined free at the Public Health Laboratory, Newcastle upon Tyne.

Annual Report of the Senior Public Health Inspector

Water Supply

The supply of water to the Urban District is controlled by the Sunderland and South Shields Water Company. Water is supplied throughout the entire district from the Company's Derwent Pipeline.

The supply to the area is satisfactory in quality and quantity.

The water does not appear to have a plumbo solvent action.

Samples of mains supply water submitted for bacteriological examination during the year were found to be satisfactory, there being no evidence of contamination.

The fluoride content of the water has varied from 0.45 to 0.5 p.p.m.

All the dwelling houses within the Urban District are supplied from public mains as follows:—

Direct to houses 9,668

By means of stand-pipe in yard or wash-house 2

Examination of a typical sample of water from the Derwent Pipeline showed that the water was of a slightly alkaline nature and total hardness was expressed as 55.4 parts per million.

Sewerage and Sewage Disposal

The sewage of the district is discharged into the River Wear at three points: one near Barmston Forge and two at Washington Staithes. The waste matter at Barmston only is treated at the new sewage disposal works, before being allowed to flow into the river. The laying of new sewers is continuing throughout the district to cater for New Town development.

River and Streams

No unfavourable reports on the condition of the various watercourses throughout the district were received during the past year.

Closet Accommodation

At the end of the year the various types in use within the Urban District were as follows:—

	1967	1968	1969	1970	1971
Water Closets	7,953	8,437	8,574	9,017	10,673
Ash Closets	Nil	Nil	Nil	Nil	Nil
Elsan Closets	6	6	Nil	Nil	Nil

Clean Air Act, 1956

As yet no "smoke controlled areas" have been declared within the Urban District. Some areas of the district, however, are virtually smokeless because of the policy adopted by the Washington Development Corporation in relation to new buildings.

Swimming Baths

There are no public swimming baths in the Urban District.

Rodent Control

Throughout the year treatments for rat and mice infestations were carried out in accordance with recommended Ministry practice.

A summary of the work carried out on surface infestations is shown in the following table.

water our number of the saddy sneares our l	Type of	PROPERTY
Talanda esser ta	Non- Agricultural	Agricultural
Properties other than Sewers:		
Number of properties in district (a) Total number of properties (including	9,797	op m
nearby premises) inspected following	341	es territoria
(b) Number infested by (i) Rats	113	
(ii) Mice	111	
3. (a) Total number of properties inspected for Rats and/or Mice for reasons other	8801 3nd	Tik hall
than notification	7	
(b) Number infested by (i) Rats (ii) Mice	7	
Sewers:	YES	NO
4. Were any Sewers infested by Rats during the year?	$\sqrt{1}$	0
	(Tick as a	ppropriate)

Housing

1.	Closing and Demolition of Houses	
	A. FORMAL ACTION:	
	(1) Number of houses demolished during the year as a result of Clearance Schemes or other formal action	Nil
	(2) Number of houses closed but not demolished as a result of formal action	Nil
	(3) Number of houses in Clearance Areas and individual unfit houses, demolition of which temporarily postponed	Nil
	(4) Number of houses in use as temporary accom-	Nil
	B. Informal Action:	
	(1) Number of houses permanently discontinued as dwellings as a result of informal action and not included above	Nil
2.	Reconditioning and Repair	
	Number of houses made fit during the year by procedu under Housing Acts (excluding temporary accommodation or Public Health Acts:—	
	(a) As a result of informal action	5
	(b) By owners as a result of statutory notice	Nil
	(c) By Local Authority in default of owners	Vil
3.	New Houses completed during the Year	
	(a) By Local Authority	82
	(b) By any other Housing Authority 1,2	25
	(c) By private persons 3	49

4. Local Authority Housing

The following is a Summary of the Permanent Dwelling-houses, including number of Apartments erected by the Local Authority up to 31st March, 1972.

Wann	Size of House or Type							
WARD	1BR	2BR	3BR	4BR	A.P.	S.P.	Total	
Washington Washington Station Springwell Usworth Colliery Great Usworth	138	120 60 26 499 337	293 243 129 232 981	76	49 66 16 138 94	29 38 152 48	491 407 171 1,235 1,460	
TOTAL	138	1,042	1,878	76	363	267	3,754	

5. Improvement Grants

	Discretionary	Standard
Applications submitted during 1971	36	21
Applications rejected during 1971	1) Nümber	1
Applications cancelled by applicants	anlile=b	-
Total number of applications approved since inception of scheme	454	119
Total number of applications rejected since inception of scheme	27	5
Total number of grants paid since inception of scheme	417	107

Inspection and Supervision of Food and Food Premises

(a) Milk Supply

During the year regular samples of milk were taken and submitted to the Public Health Laboratory, Havelock Hospital, Sunderland, for examination. All samples taken satisfied the Methylene Blue and Phosphatase tests.

There are no pasteurisation plants within the area, milk being supplied to retailers from dairies outside the district.

(b) Inspection of Meat and Other Foods

No licences were issued during the year with regard to premises for the slaughtering of animals for human consumption.

Unsound foodstuffs, involving the issue of 291 certificates, were surrendered as unfit for human consumption during the year and consisted of the following:—

Bacon		by the	bloe n		****	532	lb.
Ox Kid	neys					14	,,
Beef Ste			nd			10	,,
Tinned	Meat					8333	,,
,,	Vegetal	bles			1	,601	,,
,,	Fruit					6801	,,
,,	Soup					530	
,,	Milk P	udding	S			1511	,,
,,	Baby F	oods				130	,,
,,	Milk					811	,,
,,	Custaro	i				191	,,
,,	Puddin	gs	****		****	171	,,
,,	Custaro	d Powd	er	****		12	tins
,,	Fish					8	lb.
,,	Cream				2.14	54	fl. oz.
,,	Fruit J	uice				$64\frac{3}{4}$	lb.
Cereal			****			214	,,
Biscuits						103	,,
Cheese						233	,,
Pickles			****	****		91	>>
Honey			****			11	,,
Salad C	ream			www.alessell		$7\frac{3}{4}$,,

Jellies					11	pts.
Weetabix					23	pkts.
Crispbread					12	,,
Fruit Drinks					48	bottles
Others					90	lb.
Frozen Vegetab	les	****	****	****	$164\frac{3}{4}$,,
" Meat		****			114	pkts.
" Fish					118	,,
Mousse					67	
Frozen Dinners					78	boxes
" Sweets			****		11	,,
Ice-cream					1	case
Other Frozen F	oods		****	****	44	pkts.

(c) Ice Cream

Number	of	Producers Registered	 	2
Number	of	Retailers Registered	 	55

Apart from the ice cream sold by the two registered producers, most of the ice cream is of the pre-packed type, which is delivered to the small retail shops where it is stored in refrigerators. Control of motor vans retailing in the district is satisfactorily maintained.

Sampling

The following list gives details of samples taken in the Urban District by the County Council Weights and Measures Inspectors under the Food and Drugs Act, 1955.

- 22 Milk
- 1 Butter
- *1 Sliced Beef in Gravy
- *1 Pork Luncheon Meat
- *1 Bacon Grill
- *2 Chopped Ham with Pork
- *1 Double Devon Cream
 - *1 Double Cream
 - 2 Whisky 70% proof
 - 1 Lager
 - 1 Beer
 - 3 Malt Vinegar with Caramel
 - 1 Sugar
 - 1 Sage and Onion Stuffing Mix
 - 1 Quick Trifle Mix
 - 1 Corned Beef
 - 1 Chopped Pork with Ham

- 1 Luncheon Meat
- 1 Lentils
- 1 Ground Almonds
- 1 Haricot Beans
- 1 Soup Mix
- 1 Patna Rice
- 1 Wensleydale Cheese
- 1 English Cheshire Cheese
- 2 Whole Orange Drink
- 1 Trifle Sponges
- 1 Kopp Kops (sweets)
- 1 Glitter Mints (sweets)
- 1 Blue Star Keg
- 1 Pure Sweet Ground Almonds
- 1 Currants
- 1 Sultanas
- 2 Baked Beans in Tomato Sauce
- 1 Pure Natural Jaffa Orange Juice
- 1 Sweetened Grapefruit Juice
- 1 Peaches Halves in Syrup
- *2 Plum Peeled Tomatoes
- 1 Potted Beef with Butter
- 1 Malt Vinegar
- 1 Bramble Jelly
 - 1 Pure Almond Marzipan
- 1 Oatmeal
 - 1 Pure Apple Juice
 - 1 Grape Juice
 - 1 Peeled Tomatoes
 - 1 Brawn
 - 1 Pork Sausage Meat
- *1 Rhubarb in Syrup

* Informal

One sample of sausage meat was deficient in meat content, resulting in a letter of caution being sent to the retailer.

All other samples were certified to be of genuine quality.

Food Hygiene (General) Regulations, 1970

The number of food premises subject to the above regulations, grouped in categories of trade carried on in them, is as follows:—

CATEGORY OF TRADE	Number of Premises	Number Complying with Regulation 16	Number Subject to Regulation 19	Number Complying with Regulation 19
General Dealers	53	52	53	52
Fruiterers	5	5	5	5
Butchers	13	13	13	13
Bakers	4	4	4	4
Wet and Fried Fish				
Shops	13	13	13	13
Confectioners	18	17	18	18
Canteens	26	26	26	26
Cafés and Snack Bars	3 5	3	3 5	3
Off-Licences	5	5	5	26 3 5
Licensed Premises	26	26	26	26
Warehouses	3	3	3	3
Totals	169	167	169	168

Food and Drugs Act, 1955

Mould in Food.

Four complaints of mould in foods were received during the year. Legal proceedings were instituted in one case, resulting in a fine of £30.65.

resulting in a letter of caution being sent to the retailer.

FACTORIES ACT, 1961 Part 1 of the Act

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

Gilbon	Number on	Number of					
Premises	Register	Inspections	Written Notices	Occupiers Prosecuted			
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local	congress	OF CERT.	Act, 11, andy 90	mder ESI Approxim			
Authorities (ii) Factories not included in (i) in which Section 7 is enforced by the Local	****						
Authority (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers'	86	21	1	1821(A			
premises) out-workers	42	32	a 1 10	M.O			
Total	128	53	1				

2. Cases in which Defects were found

18 18	Numb De	Number of			
PARTICULARS	r Ironias		Refe		Cases in which Prosecutions
Number of heavened	Found	Remedied	To H.M. Inspector	By H.M. Inspector	were instituted
I was a second		d Premise	monet	Reg	
Want of cleanliness (S.1)	****	****			
Overcrowding (S.2) Unreasonable Temperature		****	1111	****	****
(S.3)					
Inadequate ventilation (S.4) Ineffective drainage of					
floors (S.6) Sanitary Conveniences (S.7)—	****		1111		
Insufficient	****				
Unsuitable or defective	1	****			
Other offences (not including offences relating to out-		****			****
work)				****	
Total	1				

Offices, Shops, and Railway Premises Act, 1963

During the year 120 visits were made to premises registered under the Act, 117 of these being to carry out general inspections. Approximately 90 per cent. of registered premises comply with the Act in all respects.

(A) REGISTRATION AND GENERAL INSPECTIONS.

CLASS OF PREMISES	Number of Premises Registered during the Year	Total Number of Premises Registered at end of the Year	Number of Registered Premises Receiving a General Inspection during the Year
Offices Retail Shops	7	56 106	18 74
Wholesale Shops and Warehouses Catering Establishments		alpole (17 dolds	mi sor7.
open to the Public and Canteens	1	18	18
Fuel Storage Depots Total	20	187	117

(B)	Number	of	visits	of	all	kinds	made	by	Inspectors	to	
	Regi	ister	red Pro	emi	ses						120

(C) Analysis of Persons Employed in Registered Premises.

CLASS O	F Wor	KPLACE		V BRY	10 100	Number of Persons Employed
Offices						802
Retail Shops						474
Wholesale Departments,						267
Catering Establishments	open	to the	Public			103
Canteens		****				15
Fuel Storage Depots			****			- 1117
Total						1,661
Total Males		****				725
Total Females						936

(D) EXEMPTIONS.

Number	of applications	for exe	mption	is recei	ived	 Nil
Number	of exemptions	granted	:			
	Space					 Nil
	Temperature					 Nil
	Sanitary Conver	niences				 Nil
	Washing Facility	ios				Nii

(E) PROSECUTIONS.

Number of prosecutions instituted			 Nil
Number of complaints made under Sect	ion 2	2	 Nil
Number of interim orders granted			 Nil

(F) INSPECTORS.

Number of inspectors	appointed	under S	Section 5	2 (1)
of the Act				Two
Number of other staff	employed	for most	of their	time
on work in connec	ction with	the Act		Nil

(G) Analysis of Contraventions.

1	SECTION OF THE ACT	DEF	210 7/	Number of Contraventions Found	Number of Contraventions Remedied
4.	Cleanliness			4	-80
	Overcrowding			- 1	Revent Shop
	Temperature			5	6
	Ventilation		****	-	_
8.	Lighting			1	4
	Sanitary Conveniences			1	mooreand
	Washing Facilities			3	1
11.	Supply of Drinking Water			_	1002
	Accommodation for Clothing		****	_	1
13.	Sitting Facilities			_ ISIAN	LETO 2
14.	Seats for Sedentary Work			-60 0003	Lato -
15.	Eating Facilities			_	1
16.	Floors, Passages and Stairs			_	_
17.	Fencing of Machinery				
	Protection of Young Persons		****	_	-
19.	Training of Machine Operators			- WOT	191817
24.	First-Aid—General Provisions			6	6
50.	Information for Employees			14	7
	Total		anoi	34	26

(H) ACCIDENTS REPORTED.

and Control	Number	Number Reported	
WORKPLACE	Fatal	Non-Fatal	
tions instituted Leave 1	nossond to	DOMEST	
Offices	algma-lo-	3	
Retail Shops	minute to	1	
Wholesale Shops, Warehouses	and the same of	8	
Catering Establishments open to Public	ic by Imp	discuss in	
and Canteens	_	_	
Fuel Storage Depots	- 4880	DEGRIFT	
I m Da a da		1	
Total	10	12	

Scrap Metal Dealers Act, 1964

Under the provisions of the above Act every local authority is required to maintain a register of persons carrying on business in their area as scrap metal dealers.

For the purpose of the Act a scrap metal dealer is defined as anyone who carries on a business which consists wholly or partly of buying and selling scrap metal.

Six persons are registered with this authority under the Act.

Petroleum (Consolidation) Act, 1928

Licences to store petroleum spirit under the above Act were issued in respect of 29 installations throughout the district. Quantities of petroleum spirit stored range from 100 gallons to 8,000 gallons.

Scrap Metal Dealers Act, 1964

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Quantities of petroleum spirit stored range from 100 gallons to 8,000, gallons

8,000, gallons

Wholesale Shore, Warehouse the Shore of the Shore and Canterna Shore of the Shore of



