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1943

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# Arban District Conneil of Mashington

# ANNUAL REPORT

OF THE

# MEDICAL OFFICER OF HEALTH FOR THE YEAR 1943.

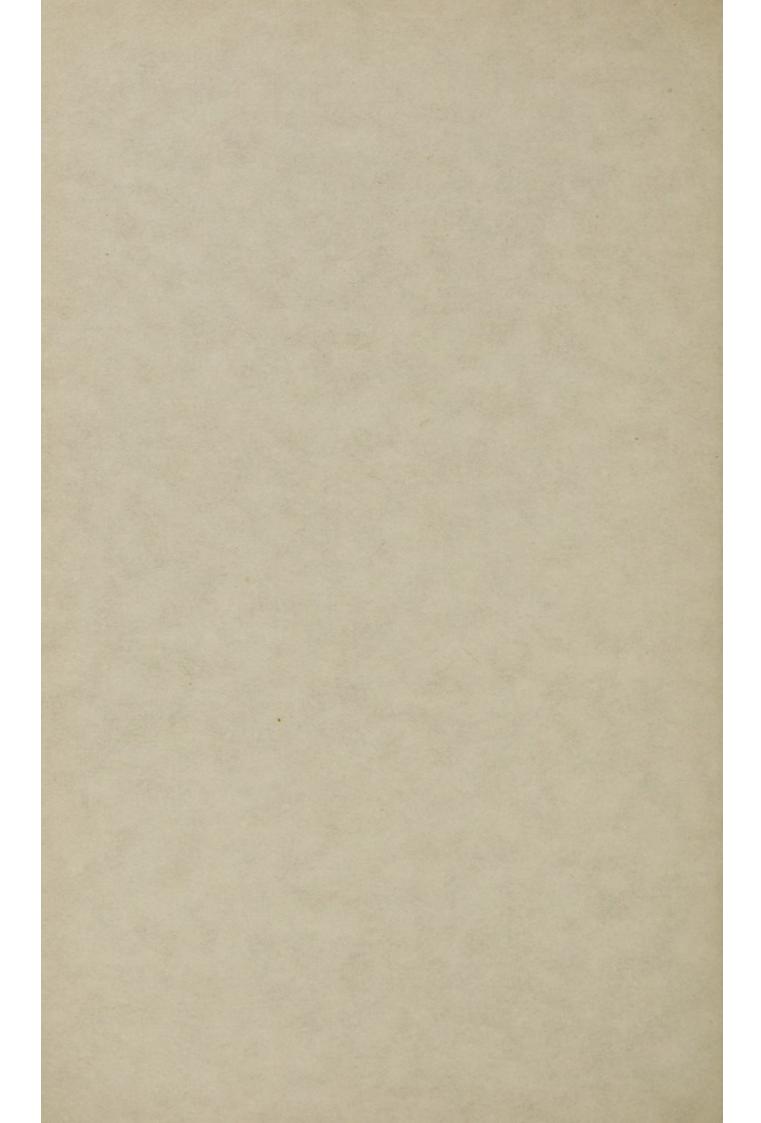
WILLIAM D. MILLAR, M.B., B.S., B.Hy. (Durh.), D.P.H.

J. MITCHELL,
M.S.I.A., Sanitary Inspector.

1945.

PELAW-ON-TYNE:

CO-OPERATIVE WHOLESALE SOCIETY'S PRINTING WORKS.





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# Urban District Council of Washington.

# List of Councillors for the year 1943-44.

#### Chairman:

#### Councillor RALPH PATTERSON, J.P.

#### Vice-Chairman:

#### Councillor HENRY DYSON.

Councillor	T. Anderson.	Councillor	W. HASKETT.
>>	M. ALLON.	33	W. JAMIESON.
,,	W. CLAYTON.	,,	T. POTTER.
>>	A W. COLE, J.P.	,,	S. Purvis.
,,	J. R. Coxon	,,	A. RODDAM.
"	R. Coates.		J. A. WILLIAMS.
>>	J. Cullen.	,,	
,,	J. M. CULLINAN.	,,	J. WALMSLEY.
,,	Mrs. Gaunt.	,,	R. C. Wanless.
"	J. W. GIBSON.	,,	G. H. YOUNG.

Clerk of the Council: Mr. M. Anderson.

# Staff of the Health Department.

Medical Officer of Health:

WILLIAM D. MILLAR, M.B., B.S., B.Hy. (Durh.), D.P.H.

Senior Sanitary Inspector:

J. MITCHELL, M.S.I.A.

Additional Sanitary Inspector:

W. C. Brewer, C.S.I.B., A.R.San.I., M.S.I.A.



Council Chambers, Washington,

Co. Durham.

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

MADAM AND GENTLEMEN,

I have the honour to present my Seventh Annual Report of the health and sanitary conditions of the district and the work of the Health Department for the year 1943.

The report, following the procedure of the last few years, is curtailed, as directed by the Ministry of Health.

The general standard of health remains fairly good, having regard to the prevailing abnormal conditions.

The birth-rate shows very little change from 1942, being 17.2 per 1,000, as compared with 17.7 per 1,000 last year.

The death-rate has increased from 10.6 per 1,000 in 1942 to 12.4. The larger figure has been caused mainly by an increased number of deaths from heart disease, cancer, and diseases of the chest.

The infantile mortality figure has worsened, 22 children under 1 year of age having died during the year, as against 15 in 1942. Here again the increase has been caused by a larger number of babies succumbing to broncho-pneumonia and bronchitis, no less than 13 out of the total of 22 deaths being accounted for by these diseases. In 1942, 3 out of 15 died from the same causes.

I would like to take this opportunity of expressing my appreciation of the assistance afforded me by the Chairman and Members of the Council, and by my fellow Officials, especially those on the staff of the Health Department.

I am,

Your obedient Servant,

W. D. MILLAR, M.B., B.S., B.Hy. (Durh.), D.P.H.
Medical Officer of Health.

### SECTION A.

# Statistics of the Area.

Area of the Urb	an D	istrict					5,758 acres
Number of inhab	ited l	houses	(at end	of 1943	acco	rding	
to rate book	s)						4,463
Rateable Value							£,63,486
Sum represented	by a	penny	rate				£235.6

#### Extract from Vital Statistics.

Live Births—			
Birth-rate per 1,000 per estimated resident popu	lation	1	17:2
Still Births—			
Rate per 1,000 total (live and still) births		2	21.2
Deaths—			
Death-rate per 1,000 of estimated resident popul	ation	1	2.4
Deaths from Puerperal Causes (Headings 29 and 30 o	f the F	Regist	rar-
General's Short List)—	eaths. to		and
No. 29-Puerperal and Post-abortive Sepsis	0	still) bir	0
No. 30—Other Maternal causes	0		0
Total	0		0
	_		_
Death-rate of Infants under 1 year of age—			
All Infants, per 1,000 live births		7	9.6
Legitimate Infants, per 1,000 legitimate live birth	ns .	8	31.8
Illegitimate Infants, per 1,000 illegitimate live bi	rths .	/	0
Deaths from Cancer (all ages)			34
" Measles (all ages)			0
" Whooping Cough (all ages)			1
Diarrhœa (under 2 years of age)		220	0

## Vital Statistics.

*				
B	22	* 2	60	61
13	$\iota \cdot \iota$	ng.	FL.	200

The birth-rate decreased from 17.7 in 1942 to 17.2 in 1943.

The birth-rate of Washington compared with the rest of the 000 on.

	compare or washington compare	A WILL	1 11	ic rest
country	generally is as follows:—		D	1.00
			of p	per 1,00 opulation
	England and Wales			16.8
	125 County Boroughs and Great '	Towns		18.6
	148 Smaller Towns			19.4
	London Administrative County .			15.8
	Washington Urban District .			17.2
Still Bir	rths.			
	England and Wales			0.51
	126 County Boroughs and Great '	Towns		0.63
	148 Smaller Towns			0.61
	London Administrative County :			0.45
	Washington Urban District .			0.37
Deaths.				
The	e death-rate in 1943 was 12·4, compa	ared wi	th	
10.8 in	1942.			
The	e following figures show comparison	ns:—		
	England and Wales			12.1
	125 County Boroughs and Great	Towns		14.2
	148 Smaller Towns			12.7
	London			15.0
	Washington Urban District .			12.4

The statistics regarding causes of death, supplied by the Registrar-General, classified according to sex and the 36 divisions of the Registrar-General's Short List of Causes, are set out below.

Causes of Death in Washington Urban District, 1943.

Typhoid and Paratyphoid Fevers		Causes of Death.	Males.	Females.
2   Cerebro Spinal Fever   3   Scarlet Fever   4   Whooping Cough   1   1   1   1   1   1   1   1   1	ALL	Causes	111	88
3   Scarlet Fever   4   Whooping Cough   1   5   Diphtheria		Typhoid and Paratyphoid Fevers		
8       Syphilitic Diseases          9       Influenza          10       Measles          11       Acute Polio Myelitis and Polio Encephalitis          12       Acute Infantile Encephalitis          13       Cancer of Buc. Cavity and Œsop. (M) Uterus (F)          14       Cancer of Stomach and Duodenum          15       Cancer of Breast          16       Cancer of all other Sites          17       Diabetes          18       Intracranial Vascular Lesions          19       Heart Disease          21       Bronchitis          22       Pneumonia          23       Other Diseases of Circulatory System          24       Ulcer of Stomach or Duodenum          25       Diarrhœa (under 2 years)          26       Appendicitis          27       Other Digestive Diseases          28       Nephritis          29       Puerperal and Post-abortive Sepsis         30       Other Maternal Causes	2	Cerebro Spinal Fever		
8       Syphilitic Diseases          9       Influenza          10       Measles          11       Acute Polio Myelitis and Polio Encephalitis          12       Acute Infantile Encephalitis          13       Cancer of Buc. Cavity and Œsop. (M) Uterus (F)          14       Cancer of Stomach and Duodenum          15       Cancer of Breast          16       Cancer of all other Sites          17       Diabetes          18       Intracranial Vascular Lesions          19       Heart Disease          21       Bronchitis          22       Pneumonia          23       Other Diseases of Circulatory System          24       Ulcer of Stomach or Duodenum          25       Diarrhœa (under 2 years)          26       Appendicitis          27       Other Digestive Diseases          28       Nephritis          29       Puerperal and Post-abortive Sepsis         30       Other Maternal Causes	3	Scarlet Fever	1	
8       Syphilitic Diseases          9       Influenza          10       Measles          11       Acute Polio Myelitis and Polio Encephalitis          12       Acute Infantile Encephalitis          13       Cancer of Buc. Cavity and Œsop. (M) Uterus (F)          14       Cancer of Stomach and Duodenum          15       Cancer of Breast          16       Cancer of all other Sites          17       Diabetes          18       Intracranial Vascular Lesions          19       Heart Disease          21       Bronchitis          22       Pneumonia          23       Other Diseases of Circulatory System          24       Ulcer of Stomach or Duodenum          25       Diarrhœa (under 2 years)          26       Appendicitis          27       Other Digestive Diseases          28       Nephritis          29       Puerperal and Post-abortive Sepsis         30       Other Maternal Causes	4 5	Whooping Cough	1	1
8       Syphilitic Diseases          9       Influenza          10       Measles          11       Acute Polio Myelitis and Polio Encephalitis          12       Acute Infantile Encephalitis          13       Cancer of Buc. Cavity and Œsop. (M) Uterus (F)          14       Cancer of Stomach and Duodenum          15       Cancer of Breast          16       Cancer of all other Sites          17       Diabetes          18       Intracranial Vascular Lesions          19       Heart Disease          21       Bronchitis          22       Pneumonia          23       Other Diseases of Circulatory System          24       Ulcer of Stomach or Duodenum          25       Diarrhœa (under 2 years)          26       Appendicitis          27       Other Digestive Diseases          28       Nephritis          29       Puerperal and Post-abortive Sepsis         30       Other Maternal Causes	2	Tuberrulais of Passinstant Sustant	2	
8       Syphilitic Diseases       1         9       Influenza       4       7         10       Measles           11       Acute Polio Myelitis and Polio Encephalitis           12       Acute Infantile Encephalitis           13       Cancer of Buc. Cavity and Œsop. (M) Uterus (F).       1         14       Cancer of Stomach and Duodenum       4       3         15       Cancer of Breast        3         16       Cancer of Breast        3         16       Cancer of all other Sites        11       12         17       Diabetes         1       12         17       Diabetes         1       1       12         19       Heart Diseases         24       17         20       Other Diseases of Circulatory System        1       2         21       Bronchitis        10       12         22       Pneumonia        5       2         23       Other Respiratory Diseases        1 <td>0 7</td> <td>Other Forms of Tuberculesis</td> <td>0</td> <td>0</td>	0 7	Other Forms of Tuberculesis	0	0
9 Influenza		Combilitie Diseases	.;	
10   Measles		Syphilitic Diseases	1	
11 Acute Polio Myelitis and Polio Encephalitis 12 Acute Infantile Encephalitis 13 Cancer of Buc. Cavity and Œsop. (M) Uterus (F) 14 Cancer of Stomach and Duodenum 15 Cancer of Breast 16 Cancer of Breast 17 Diabetes 18 Intracranial Vascular Lesions 19 Heart Disease 10 Other Diseases of Circulatory System 10 12 12 Pneumonia 10 12 12 Pneumonia 10 12 12 Pneumonia 10 12 12 Pneumonia 11 12 12 Other Respiratory Diseases 12 Ulcer of Stomach or Duodenum 15 Diarrhœa (under 2 years) 16 Appendicitis 17 Other Digestive Diseases 18 Nephritis 19 Heart Diseases 10 Other Maternal Causes 10 Cancer of Breast 11 12 12 17 Diabetes 12 18 Pronchitis 13 10 12 14 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19		Manalas	4	,
12 Acute Infantile Encephalitis          13 Cancer of Buc. Cavity and Œsop. (M) Uterus (F).          14 Cancer of Stomach and Duodenum       4         15 Cancer of Breast          16 Cancer of all other Sites          17 Diabetes          18 Intracranial Vascular Lesions          19 Heart Disease          20 Other Diseases of Circulatory System       1         21 Bronchitis       10         22 Pneumonia          24 Ulcer of Stomach or Duodenum          25 Diarrhœa (under 2 years)          26 Appendicitis       1         27 Other Digestive Diseases       2         28 Nephritis       2         29 Puerperal and Post-abortive Sepsis         30 Other Maternal Causes         31 Premature Birth          32 Con. Mal.; Birth Injuries, Infant.; Dis.       3         33 Suicide          34 Road Traffic Accidents       2         35 Other Violent Causes       5		Acuta Palia Mualitia and Palia Enganhalitia		
13       Cancer of Buc. Cavity and Œsop. (M) Uterus (F).       1         14       Cancer of Stomach and Duodenum       4       3         15       Cancer of Breast       .       3         16       Cancer of all other Sites       .       11       12         17       Diabetes       .       .       .       .       .         18       Intracranial Vascular Lesions       6       7         19       Heart Disease       .       .       .       .       .       .         20       Other Diseases of Circulatory System       1       .	-			
14 Cancer of Stomach and Duodenum       4       3         15 Cancer of Breast        3         16 Cancer of all other Sites        11       12         17 Diabetes        1          18 Intracranial Vascular Lesions        6       7         19 Heart Disease        24       17         20 Other Diseases        24       17         20 Other Diseases of Circulatory System        1       2         21 Bronchitis        10       12         22 Pneumonia        5       2         23 Other Respiratory Diseases        1          24 Ulcer of Stomach or Duodenum            25 Diarrhœa (under 2 years)            26 Appendicitis            27 Other Digestive Diseases            28 Nephritis            29 Puerperal and Post-abortive Sepsis           30 Other Maternal Causes           31 Premature Birth				.;
15 Cancer of Breast       3         16 Cancer of all other Sites       11         17 Diabetes       1         18 Intracranial Vascular Lesions       6         19 Heart Disease       24         20 Other Diseases of Circulatory System       1         21 Bronchitis       10         22 Pneumonia       5         23 Other Respiratory Diseases       1         24 Ulcer of Stomach or Duodenum		Cancer of Stomach and Duadanum	1	2
16 Cancer of all other Sites       11       12         17 Diabetes       1          18 Intracranial Vascular Lesions       6       7         19 Heart Disease       24       17         20 Other Diseases of Circulatory System       1       2         21 Bronchitis       10       12         22 Pneumonia       5       2         23 Other Respiratory Diseases       1          24 Ulcer of Stomach or Duodenum           25 Diarrhœa (under 2 years)           26 Appendicitis       1          27 Other Digestive Diseases       2       1         28 Nephritis       2       2         29 Puerperal and Post-abortive Sepsis          30 Other Maternal Causes          31 Premature Birth       2       2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3       2         33 Suicide           34 Road Traffic Accidents       2          35 Other Violent Causes       5       1			*±	2
17 Diabetes       1         18 Intracranial Vascular Lesions       6         19 Heart Disease       24         20 Other Diseases of Circulatory System       1         21 Bronchitis       10         22 Pneumonia       5         23 Other Respiratory Diseases       1         24 Ulcer of Stomach or Duodenum          25 Diarrhœa (under 2 years)          26 Appendicitis       1         27 Other Digestive Diseases       2         28 Nephritis       2         29 Puerperal and Post-abortive Sepsis         30 Other Maternal Causes          31 Premature Birth       2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3         33 Suicide          34 Road Traffic Accidents       2         35 Other Violent Causes       5		Cancer of all other Sites	ii	10
18 Intracranial Vascular Lesions       6       7         19 Heart Disease       24       17         20 Other Diseases of Circulatory System       1       2         21 Bronchitis       10       12         22 Pneumonia       5       2         23 Other Respiratory Diseases       1          24 Ulcer of Stomach or Duodenum           25 Diarrhœa (under 2 years)           26 Appendicitis       1          27 Other Digestive Diseases       2       1         28 Nephritis       2       2         29 Puerperal and Post-abortive Sepsis           30 Other Maternal Causes           31 Premature Birth       2       2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3       2         33 Suicide           34 Road Traffic Accidents       2          35 Other Violent Causes       5       1		The state of the s		
19       Heart Disease       24       17         20       Other Diseases of Circulatory System       1       2         21       Bronchitis       10       12         22       Pneumonia       5       2         23       Other Respiratory Diseases       1          24       Ulcer of Stomach or Duodenum           25       Diarrhœa (under 2 years)           26       Appendicitis       1          27       Other Digestive Diseases       2       1         28       Nephritis       2       2         29       Puerperal and Post-abortive Sepsis           30       Other Maternal Causes           31       Premature Birth       2       2         32       Con. Mal.; Birth Injuries, Infant.; Dis.       3       2         33       Suicide           34       Road Traffic Accidents       2          35       Other Violent Causes       5       1		Intracranial Vaccular Laciona		
20       Other Diseases of Circulatory System       1       2         21       Bronchitis        10       12         22       Pneumonia        5       2         23       Other Respiratory Diseases        1          24       Ulcer of Stomach or Duodenum            25       Diarrhœa (under 2 years)            26       Appendicitis        1          27       Other Digestive Diseases        2       1         28       Nephritis        2       2         29       Puerperal and Post-abortive Sepsis           30       Other Maternal Causes           31       Premature Birth        2       2         32       Con. Mal.; Birth Injuries, Infant.; Dis.        3       2         33       Suicide            34       Road Traffic Accidents             35       Other Violent Causes </td <td></td> <td></td> <td></td> <td></td>				
21 Bronchitis       10       12         22 Pneumonia       5       2         23 Other Respiratory Diseases       1          24 Ulcer of Stomach or Duodenum           25 Diarrhœa (under 2 years)           26 Appendicitis       1          27 Other Digestive Diseases       2       1         28 Nephritis       2       2         29 Puerperal and Post-abortive Sepsis           30 Other Maternal Causes           31 Premature Birth       2       2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3       2         33 Suicide           34 Road Traffic Accidents       2          35 Other Violent Causes       5       1	1	Other Diseases of Circulatory System		
22 Pneumonia       5       2         23 Other Respiratory Diseases       1          24 Ulcer of Stomach or Duodenum           25 Diarrhœa (under 2 years)           26 Appendicitis        1         27 Other Digestive Diseases        2         28 Nephritis        2       2         29 Puerperal and Post-abortive Sepsis           30 Other Maternal Causes           31 Premature Birth        2       2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3       2         33 Suicide           34 Road Traffic Accidents        2          35 Other Violent Causes        5       1	- No	Dramabition Official Circulatory System		
23 Other Respiratory Diseases			10	
24 Ulcer of Stomach or Duodenum          25 Diarrhœa (under 2 years)          26 Appendicitis          27 Other Digestive Diseases          28 Nephritis          29 Puerperal and Post-abortive Sepsis          30 Other Maternal Causes          31 Premature Birth          32 Con. Mal.; Birth Injuries, Infant.; Dis.          33 Suicide          34 Road Traffic Accidents          35 Other Violent Causes	200 200	Other President Discours	1	2
25 Diarrhœa (under 2 years)          26 Appendicitis          27 Other Digestive Diseases          28 Nephritis          29 Puerperal and Post-abortive Sepsis          30 Other Maternal Causes          31 Premature Birth          32 Con. Mal.; Birth Injuries, Infant.; Dis.          33 Suicide          34 Road Traffic Accidents          35 Other Violent Causes		Ulass of Stancels on Ducdenson	1	
27 Other Digestive Diseases       2       1         28 Nephritis       2       2         29 Puerperal and Post-abortive Sepsis          30 Other Maternal Causes          31 Premature Birth        2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3       2         33 Suicide           34 Road Traffic Accidents        2         35 Other Violent Causes        5       1		Disambase (under 2 mans)		
27 Other Digestive Diseases       2       1         28 Nephritis       2       2         29 Puerperal and Post-abortive Sepsis          30 Other Maternal Causes          31 Premature Birth        2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3       2         33 Suicide           34 Road Traffic Accidents        2         35 Other Violent Causes        5       1		Appendicities (under 2 years)	1	* * *
28 Nephritis 29 Puerperal and Post-abortive Sepsis 30 Other Maternal Causes 31 Premature Birth		Appendicitis	1	*;
29 Puerperal and Post-abortive Sepsis		Other Digestive Diseases		
30 Other Maternal Causes		Nephritis	2	2
31 Premature Birth       2         32 Con. Mal.; Birth Injuries, Infant.; Dis.       3         33 Suicide          34 Road Traffic Accidents          35 Other Violent Causes		Puerperal and Post-abortive Sepsis		
33 Suicide		Other Maternal Causes		.:
33 Suicide			2	2
34 Road Traffic Accidents		Con. Mal.; Birth Injuries, Infant.; Dis	5	2
35 Other Violent Causes		Suicide		
36 All Other Causes 5 1		Road Traffic Accidents		
5b All Other Causes		Other Violent Causes		1
Jo III Other Causes	36	All Other Causes	15	7

General Register Office
(Statistical Branch),
Terra Nova School,
Southport.

#### SECTION B.

# General Provision of Health Services for the Area.

A list of Public Health Officers will be found on page 4.

#### Laboratory Facilities.

There has been no change in the laboratory arrangements during the past year. Bacteriological examinations are carried out at the Public Health Laboratory, King's College, Newcastle-on-Tyne, in accordance with arrangements made between the County Council and Durham University.

#### Ambulance Facilities.

In cases of infectious disease one ambulance is provided by the Chester-le-Street Joint Hospital.

For cases of accident or sickness two ambulances are provided by the Local Authority.

Ambulance facilities are not adequate for the needs of the area, owing to the age and unreliability of both vehicles. One new ambulance is urgently needed.

#### Hospital.

Persons who are suffering from an infectious disease are removed to the Hospital for Infectious Diseases, Chester-le-Street.

Other hospitals outside the district which are made use of for the treatment of medical and surgical cases are:—

- Hospital for Infectious Diseases, Walker Gate, Newcastle-on-Tyne.
- 2. Royal Victoria Infirmary, Newcastle-on-Tyne.
- 3. Fleming Memorial Hospital, Newcastle-on-Tyne.
- 4. Princess Mary Maternity Hospital, Newcastle-on-Tyne.
- 5. Throat, Nose, and Ear Hospital, Newcastle-on-Tyne.
- 6. Eye Infirmary, Newcastle-on-Tyne.

#### SECTION C.

# Sanitary Circumstances of the Area.

#### 1. (i) Water Supply.

The Newcastle-upon-Tyne and Gateshead Water Co., and the South Shields and Sunderland Water Co., supply the Urban District with water, which is satisfactory in quantity and quality. The gallonage per head of population is 27 per day. Two samples of water were taken during the year and submitted to King's College, Newcastle, for examination. A favourable report was received in each case.

#### (ii) Drainage and Sewerage.

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 in settlement tanks before being allowed to flow into the river. The settlement tanks were cleansed during 1941.

#### 2. Rivers and Streams.

Favourable reports as to the condition of the various watercourses in the district were received during the past year.

#### 3. (i) Closet Accommodation.

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

Water-closets	 	 1942. 4,704	1943. 4,664
Ash-closets	 	 36	36
Ash-pit Privies	 	 2	2
Chemical-closets		 62	62

#### (ii) Public Cleansing.

The scavenging service, as in previous years, was carried out chiefly by direct labour, 15 isolated premises being dealt with by private individuals.

The cleansing staff includes 11 loaders and 3 drivers, and with 3 seven-cubic-yard vehicles (1 S. and D. Freighter and 2 Karrier Bantams) provide the area of 5,758 acres, including a total of 4,550 dwelling-houses and other premises, with a service varying from 4 to 6 days throughout the year.

Disposal is by tipping in disused quarry workings and on low lying agricultural land upon request being made to the Council by owners or tenants. Numerous requests were made for tipping on agricultural land. In the Usworth Colliery and Springwell Wards the major portion of filling-in and levelling took place. During the year under review approximately 70 per cent. of crude and 30 per cent of miscellaneous tipping took place. Such tips used by Council employees are trimmed at intervals, and generally kept in good condition.

No complaints were received regarding the use of the various tips during the year, and no vermin infestation was in evidence.

The total estimated quantity of refuse, including household and trade waste, collected and disposed of was 8,465 tons, an increase of 640 tons compared with the previous year. The increase in tonnage compared with last year is due to the number of additional premises that are now included in the weekly collection. The total cost, £4,258, for the service during the year includes £607, the cost of the second Karrier Bantam vehicle which was put into commission during August, 1943.

#### UNIT COSTS.

Expenditure	per ton per annum	 	10s. 0d.
,,	per 1,000 houses per annum	 	£935·8
,,	per house per week	 	4·3d.
The estimate	d weight per house per year	 	1.86 tons.

A comparative statement of the scavenging costs for the years during the war and the year prior to the outbreak of hostilities is given herewith:—

Year.	Annual Cost.	Approximate cost per house.
1938-39 1939-40 1940-41 1941-42 1942-43 1943-44	£ 2,418 2,488 2,757 3,065 3,792 4,258	s. d. 10 8 10 11 12 1½ 13 5½ 16 8 18 8½

#### (iii) Salvage.

The collection of salvage materials was again carried out as detailed in last year's report.

Storage accommodation for materials collected was located at Shop Houses.

The work of sorting, grading, and preparation of materials for dispatch to the various merchants was carried out by two men; Cleansing personnel assisted with transport where dispatch by rail was necessary.

During the period involved, lectures, personal talks by W.V.S., staff and others, were given to householders and occupiers of shop premises in an effort to stimulate and maintain the interest of the community in the collection of the desired materials.

The quantity of materials collected during the year show a slight reduction compared with the previous year, while the market value maintained a steady level.

The following returns show the quantities and value of materials collected by Council employees since the inception of salvage within the urban area:—

			Wei	ght.		V	alue		
Year.			Tons.	cwt	S.	£	S.	d.	
1940-41	 	 	93	0		339	16	0	
1941-42	 	 	222	1		811	5	7	
1942-43	 	 	211	2		832	11	8	
1943-44	 	 	199	1		824	12	8	
	Total	 	725	4		(2,808	5	11	
		-			00				

### (iv) Sanitary Inspection of the Area.

# (a) Number and Nature of Inspections.

Visits	and re-visits to premises under Public	Health	and	
I	Iousing Acts			1,685
Visits	to Dairies, Cowsheds, and Milkshop	s		65
,,	Bakehouses			9
,,	Factories and Workshops			46
,,	Work in progress			84
,,	Slaughterhouses			-
,,	Pig-keepers' premises			18
,,	Fish and Fruit Shops			21
Visits	paid in connection with Infectious I	Diseases	and	
d	isinfection of premises			180
Visits	to Tents, Vans, Sheds, and similar	structur	es	8
	Total number of Visits			2,116

#### (b) Number of Notices served and complied with.

	Number of Informal Notices Served.	Number of Statutory Notices Served.	Number of Nuisances abated after Notice.
Dwelling-houses—Structural defects .	445	39	466
,, Foul conditions	4		2
,, Overcrowding			
Lodging-houses			
Dairies and Milkshops	2		
Cowsheds	2		2 2
Bakehouses			
Slaughterhouses			
Ash-pits and Privies			
Deposits of Refuse and Manure			
Water-closets	78	2	85
Defective Yard Paving			
House-drainage—			
Defective Traps	19		19
No disconnection from Sewers .			
Other Faults	87	2	89
Water Supply	122	1	123
Pigsties	>		
Animals improperly kept			
Offensive Trades			
Smoke Nuisances			
Other Nuisances	24	7	26
Totals	783	51	814

#### (v) Shops Act, 1934.

Under the Shops Act, 1934, inspection of 48 shops in the district was carried out during the year. It was found necessary in 7 cases to serve informal notices on owners of shops having regard to the lack of suitable and sufficient water-closet accommodation.

#### (vi) Smoke Abatement.

No action taken during the year.

#### (vii) Swimming Baths.

There are no swimming baths or pools in the district.

(viii)	Eradication of Bed Bugs.	Infested	. Disinfested.
(1)	Council houses	7	7
	Other houses	2	2
(2)	Methods employed for freeing infested houses from bed bugs		Zaldecide
(3)	Methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses		Zaldecide
(4)	Whether work carried out by the Local Authority or by a Contractor	Local	Authority
(5)	The measures taken by way of supervision or education of tenants to prevent infestation or re-infestation after cleans-		
	ing		None

#### 4. Schools.

The schools in the area under the jurisdiction of the County Council of Durham and the water supply and sanitary conditions are adequate and satisfactory.

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

MR. CHAIRMAN, MADAM, AND GENTLEMEN,

I have the pleasure to present to you my Eighth Annual Report on the duties administered by your Health and Cleansing Department.

A summary of the work done by the department is given under the various sections, and in formulating the data relative to different matters I wish to record the assistance received from various members of the staff, also the courtesy and help received from members of the council and members of the community in general.

I am,

Your obedient Servant,

J. MITCHELL, M.S.I.A., Chief Sanitary Inspector.

## SECTION D.

# Housing.

1. Inspection of Dwelling-houses during the Year.
(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 726 (b) Number of inspections made for the purpose 1,244
<ul> <li>(2) (a) Number of dwelling-houses (included under subhead (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925. Nil.</li> <li>(b) Number of inspections made for the purpose Nil.</li> </ul>
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation Nil.
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 37
2. Remedy of Defects during the Year without Service of Formal Notices.
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 26
3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.
A.—Proceedings under Sections 9, 10, and 11 of the Housing Act, 1936:—
(1) Number of dwelling-houses in respect of which notices were served requiring repairs 11
(2) Number of dwelling-houses which were rendered fit after service of formal notices:—
(a) By Owners 11
(b) By Local Authority in default of Owners Nil.

B.—Proceedings under Public Health Acts:—
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be
remedied 11
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—
(a) By Owners 11
(b) By Local Authority in default of Owners Nil.
C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936:—
(1) Number of dwelling-houses in respect of which Demolition Orders were made Nil.
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders Nil.
D.—Proceedings under Section 12 of the Housing Act, 1936:—
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit Nil.
During the period under review the following houses were removed from the Register as being completely demolished, or converted for purposes other than for human habitation, viz.:—
New Rows (1938) 3 9

		House	s	No. of Persons Displaced
New Rows (1938)	 	 3		9
The Fold (1936)	 	 4		16
Light Pipe Row (1936)	 	 8		29
Victoria Place (1938)	 	 4		16
Shop Houses (1938)	 	 5		17
Total	 	 24		87

23-62, Douglas Terrace (Flat Tops) changed ownership during the year, and extensive repairs were carried out to many of the dwelling-houses. Roofs were re-covered by the Ruberoid method, chimney-stacks rebuilt, pointing of external walls renewed, internal plaster-work renewed, and out-house doors and roofs made good.

Overcrowding within the Urban District has increased appreciably during the year.

The housing position on December 31st, 1943, was :-

Dwelling-houses in respect of which the Council had made arrangements to re-house persons from condemned property ... ... ... ... ... ... ... ... 188

Number of dwelling-houses commenced (including those completed) ... ... ... ... 110

Number of houses completed to date ... ... 84

Number of houses remaining to be completed ... ... 104

The following is a summary of the different types of dwelling-houses erected by the Local Authority up to December 31st, 1943:—

	No. of		No. of A	partments	
Houses built under:	Houses	2	3	4	5
Act, 1890	149		86	4	59
Housing Act, 1919	79			69	10
" " " 1924	744	80*	310	353	1
Housing Acts, 1930-6	214		30	184	
Total	1,186	80*	426	610	70

<sup>\*</sup> Aged Persons Houses

The total number of houses controlled by the Urban District Council is now 1,186.

#### SECTION E.

# Inspection and Supervision of Food.

#### (a) Milk Supply.

The following are details of persons and premises registered under the Milk and Dairies Order, 1926, within the district:—

Number of	cowkeepe	ers				16
Number of	wholesale	and	retail	purveyors	of	
milk	•••					53
Number of	dairies			·		15

There are 35 retail purveyors of milk registered for the sale of milk in closed and unopened bottles in which it is delivered to the premises.

Visits to cowshed and dairy premises numbered 89. The premises inspected were found generally to be satisfactory.

Under the Milk (Special Designations) Regulations the following licences were granted during the year:—

Licences to se	ell " Paster	irised" Milk (Si	ipple-	
mentary	Licence)			1
Licences to	produce	"Accredited"	Milk	
(granted	by Count	y Council)		4

The following table shows the number of samples submitted under the Regulations to the Dairy Husbandry Section, Armstrong

College, Newcastle upon Tyne, for bacteriological and biological examination, and the results of the various tests:—

	90		Туре	of Ex	amina	ation		Exam	nina-
Designation	of Samples ubmitted	Colif		Pla		pha	os- itase est	Tube	ercle
	No. of sub	Passed	Failed	Passed	Failed	Passed	Failed	Neg.	Pos.
Accredited Milk Pasteurised Milk Non-designated Milk	4		2 1	 1 4	 1	1		 1 4	
Total number of Samples submitted	6	3	3	5	1	1		5	

Where samples of designated milk failed to comply with the standards specified in the Regulations, the matter was taken up with the producer. Non-designated milk samples showing an unsatisfactory bacteriological standard were referred to the producers for their observations. Further visits and inspections of their premises are followed up by taking "repeat" samples.

#### (b) Inspection of Meat and Slaughterhouses.

As in the previous year, all slaughtering for the Urban District was carried out under Government control at Newcastle upon Tyne, the meat being transported in bulk to a local centre for final distribution to meat retailers.

Periodical inspections to shops, &c., were made during the year to see that the provisions of the Public Health (Meat) Regulations were being complied with.

#### Food Control.

In the performance of the duties as Food Enforcement Inspector 149 visits were made to food premises, and involved the condemning of 8 cwt. of foodstuffs as unfit for human consumption.

The following is a list of the foods surrendered for disposal and for which condemnation certificates were issued:—

Beef		****				31	1b.
Bacon						35	lb.
Tinned	meat	and me	at-food	produ	icts .	294	1b.
>>	veget	ables				66	lb.
,,	fruit					262	lb.
. ,,	milk					28	tins
,,,	jam					85	lb.
Other t	inned	foods				24	lb.
Cheese						5	lb.
Apples						12	st.
Fish						4	st.
Fish cal	kes					19	lb.
Pies						16	lb.
Eggs						13	doz.
Sauce						32	bottles
Oxo						4	lb.

#### SECTION F.

# Prevalence of, and Control over, Infectious and other Diseases.

The number of scarlet fever notifications in 1943 was 90, compared with 78 in 1942.

Diphtheria notifications numbered 77, compared with 91 cases in 1942. 3 deaths resulted from this disease.

Diphtheria antitoxin is kept in stock for distribution to medical practitioners on request.

Immunisation of the children in the district was considered by the Council in 1939 and a scheme adopted. The scheme is free and is carried out by the General Practitioners in the district, who are supplied with the necessary material. The number of children under 15 years of age who completed the full course by December 31st, 1943, totalled 2,329, and includes the following:—

Under 5 years	 	 	568
5 to 15 years	 	 	1,761
			2,329

At the close of the year it was estimated that the total number of children in the 0 to 5 group was 1,400, of whom 568 or 40.5 per cent. had been immunised. The estimated number in the 5 to 15 group was 3,100, of whom 1,761 or 57 per cent. had completed the course of immunisation.

Table showing the Age Incidence, Deaths, &c., from Notifiable Diseases during the Year.

								NUMI	HER OF	CASES	NUMBER OF CASES NOTIFIED.	.D.						
NOTIFIABLE DISEASES.	DISEASES.			At all				A	the fe	llowing	At the following ages (years)—	(years)-	1				Number removed to to	Number of Deaths.
				Ages.	0		2	2	4	2	10	15	20	35	45	65	Hospital	*
Small-pox	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:.
Scarlet Fever	:	:	:	90	:	-	2	7	12	34	26	20	3	:	:	:	98	:
Diphtheria	:	:	: -	77	:	2	:	4	9	30	19	6	2	Т	Т	:	77	3
Dysentery	:	:	:	-	:	:	:	:	:	:	:	1	:	- :	:	:	1	1
Puerperal Pyrexia	:	:	:	I	:	:	:	:	-	:	:	:	:	1	:	:	1	:
Pneumonia	:	:	:	13	:	I	:	:	:	2	-	1	3	-	3	H	:	7
Erysipelas	:	:	:	.0	:	:	:	:	-	1	:	:	:	-	2	:	5	:
Measles	:	:	:	131	5	12	11	18	16	9	3	2	:	- ;	:	:	:	:
Whooping Cough	:	:	:	9	:	:	-	4	П	:	:	:	:	i-	:	:	:	1
Cerebro Spinal Fever	. Ja	:	:	2	:	:	:	-	:	:	:	2	:	-	:	1	5	:

# Tuberculosis—New Cases and Mortality for 1943.

				New Cases.				DEATHS.			
	Age Period.			Respiratory.		Non- respiratory.		Respiratory.		Non- respiratory.	
				М.	F.	М.	F.	М.	F.	М.	F.
0-											
1	Year Years					1					
5						3	1				
15	,,			4	6	1	1	1	1		
25	,,			1	4		1	3	4		
35	**			2				2			
45	,,			1				1			
55	33			2			1	1	1		
65	,,	and u	p'ds								
	7	Γotals		10	10	5	4	8	6		



