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Washington Urban District Council

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# ANNUAL REPORT

OF THE

**Medical Officer of Health and  
Chief Public Health Officer**

**FOR THE YEAR 1959**

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**R. C. F. SMITH,**

M.D., B.S., D.Ph., F.R.I.P.H., Medical Officer of Health

**J. MITCHELL,**

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

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1960

PELAW-ON-TYNE :

CO-OPERATIVE WHOLESALE SOCIETY'S PRINTING WORKS







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# WASHINGTON URBAN DISTRICT

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## *Members of Council and Health Committee, 1959*

### **CHAIRMAN OF COUNCIL**

Councillor R. COATES, J.P.

### **CHAIRMAN OF HEALTH COMMITTEE :**

Councillor R. COATES, J.P.

### **GREAT USWORTH WARD**

Councillor R. COATES, 14, Garsdale Avenue.

Councillor C. McILROY, 34, The Drive.

Councillor Mrs. E. THOMPSON, 6, The Drive.

Councillor A. BOYD, 1, Coverdale Avenue.

### **SPRINGWELL WARD**

Councillor J. R. COXON, C.C., J.P., 5, Westfield Crescent.

Councillor Mrs. K. REED, 11, Shelley Avenue.

### **USWORTH COLLIERY WARD**

Councillor J. W. DRUMMOND, J.P., 40, Oxford Avenue.

Councillor J. GIBSON, 75, Tyne Gardens.

Councillor R. MCGLEN, Jnr., 68, The Oval.

Councillor W. OLDS, 40, Oxford Avenue.

Councillor W. TROTTER, B.E.M., J.P., 25, Richardson Terrace.

Councillor S. ARMSTRONG, 12, Vernon Street.

### **WASHINGTON WARD**

Councillor C. HALL, 13, Urban Gardens.

Councillor G. HASKETT, 40, Havannah Terrace.

Councillor W. HASKETT, B.E.M., 11, Havannah Terrace.

Councillor Mrs. A. TEMPEST, 6, The Green.

### **WASHINGTON STATION WARD**

Councillor M. ALLON, C.C., J.P., 4, Wear Terrace.

Councillor J. A. YOUNG, 11, Biddick Terrace.

Councillor J. MURDOCK, 22, Grassmere Terrace.

Councillor H. PRICE, 22, Romney Avenue.

Councillor M. BLAND, 21, Gainsborough Avenue.

|   |               |
|---|---------------|
| Area in acres ....  | 5,758 acres   |
| Registrar General's Estimate of Resident Population,<br>mid-1959 ....         | 18,080        |
| Number of Inhabited Houses (1st April, 1959),<br>according to Rate Books .... | 5,740         |
| Rateable Value (1st April, 1959) ....   | £159,988      |
| Sum represented by a Penny Rate....   | £698 7s. 10d. |

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CHAIRMAN OF HEALTH COMMITTEE :

Councillor R. COATES, J.P.

**Officials :**

MEDICAL OFFICER OF HEALTH :

R. C. F. SMITH, M.D., B.S., D.P.H.

SENIOR PUBLIC HEALTH INSPECTOR :

J. MITCHELL, M.A.P.H.I.

ADDITIONAL PUBLIC HEALTH INSPECTOR :

E. SOADY, M.A.P.H.I.



HEALTH DEPARTMENT,  
COUNCIL OFFICES,  
WASHINGTON.

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

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I hereby present my Second Annual Report on this district.

The following are the main features of the vital statistics. The estimated population of 18,080 shows an increase of 100 over the previous year. The increase of births over deaths was 185, the live birth rate was 21.01 per 1,000 of the estimated population, and the still-birth rate was 0.553 per 1,000. There were 15 more deaths this year than last year, and the vast majority of deaths were people over the age of 65. Deaths from cancer were 35, coronary thrombosis and angina 32 an increase of two over the previous year, "strokes" also showed an increase, 29 cases this year as against 27 in 1958.

No serious outbreaks of infectious disease occurred, in fact there were no notifications of either poliomyelitis or diphtheria.

The number of infectious diseases notified during the year was 525, as compared with 161 in 1958.

Posters were distributed throughout the district to remind parents of the importance of having their children immunised against diphtheria. Tuberculosis posters were also displayed stressing the importance of early diagnosis. During the year 9 cases of tuberculosis were notified, as compared with 24 cases in 1958.

In November most of the 13 to 18 year-old children in the district were skin tested and, where negative, were immunised against tuberculosis with B.C.G. vaccine. There were 346 injections given.

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. By the time this artificial immunity has worn off they will have built up their own immunity by means of probably contracting a mild dose of tuberculosis whilst they were thus protected.



Mass poliomyelitis vaccination was regularly carried out throughout the whole of No. 5 Area, i.e., this district—Houghton, Hetton and Sunderland R.D. A clerk from the Durham County Council staff is employed whole-time at Houghton-le-Spring Urban District office. Some 5 sessions were held monthly in the area.

Many Old Age Pensioners were visited and those thought necessary were admitted to hospital or hostel under Part III accommodation of the County Scheme.

As in previous years First Aid Lectures and examinations for the purpose were given.

Several examinations under the Sickness Benefit Scheme were carried out.

I wish to acknowledge the support received from the members of the Council and the assistance given by the Council staff during my initial period of service.

REGINALD C. F. SMITH,  
*Medical Officer of Health.*

COUNCIL CHAMBERS,  
AUGUST, 1960.

## **Health Services**

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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.
- Preventative 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 1959 was 370, compared with 334 for 1958.

Sex and Legitimacy are shown thus :—

### LIVE BIRTHS—

|                   | Total | Male | Female | Giving a Birth Rate of 21·01<br>per 1,000 of the estimated<br>population. |
|-------------------|-------|------|--------|---|
| Legitimate ....   | 364   | 208  | 156    |   |
| Illegitimate .... | 6     | 3    | 3      |   |

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 0·93, giving a rate of 19·539 as compared with 16·5 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 1959, as compared with the years 1950–58 :—

| Year      | Total Births | Males | Females | Rate per 1,000 | Total Increase |
|-----------|--------------|-------|---------|----------------|----------------|
| 1950 .... | 325          | 160   | 165     | 18·29          | 163            |
| 1951 .... | 332          | 183   | 149     | 18·7           | 111            |
| 1952 .... | 302          | 158   | 144     | 17·06          | 102            |
| 1953 .... | 324          | 177   | 147     | 18·33          | 169            |
| 1954 .... | 312          | 170   | 142     | 17·59          | 108            |
| 1955 .... | 327          | 173   | 154     | 18·37          | 123            |
| 1956 .... | 336          | 167   | 169     | 18·8           | 163            |
| 1957 .... | 342          | 179   | 163     | 19·04          | 161            |
| 1958 .... | 334          | 181   | 153     | 18·57          | 164            |
| 1959 .... | 370          | 211   | 159     | 21·01          | 185            |

## Still Births

During 1959 there were 10 still births in the district.

### STILL BIRTHS—

|                   | Total | Male | Female | Giving a Still Birth Rate of<br>26·31 per 1,000 total (live<br>and still births). |
|-------------------|-------|------|--------|---|
| Legitimate ....   | 10    | 5    | 5      |   |
| Illegitimate .... | —     | —    | —      |   |



There is a Still Birth Rate of 0.553 per 1,000 population in Washington Urban District, as compared with 0.349 for England and Wales.

### **Deaths and Death Rate**

The Registrar General reports that after correction for outward and inward transfers, 185 residents of the Washington area died during 1959, being 103 males and 82 females.

Locally compiled figures show that there were 127 deaths registered as having occurred within the district, being 62 males and 55 females.

Fifty four persons, being 30 males and 24 females, normally resident in the district, died outside the area. There were therefore 54 inward transfers.

The Death Rate for 1959, corrected for outward and inward transfers and including deaths from all causes and at all ages, was 10.23 for Washington Urban District, compared with 9.12 in 1958.

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 13.913, whilst that for England and Wales is 11.6.

### **Total Deaths under Five Years (corrected locally)**

During 1959, 11 children died before attaining the age of five years, as compared with 12 in 1958. Ten children, being 5 males and 5 females, were under one year of age.

Therefore 5.9 per cent. of the total deaths were of children under five years of age, as compared with 7.05 per cent. in 1958.

### **Deaths in Institutions**

Of the 54 residents who died outside the area, 49 died in hospital, 2 in private homes, and 3 due to accident.

### **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 :—

|  | ENGLAND AND WALES |      | WASHINGTON URBAN DISTRICT |       |
|--|-------------------|------|---------------------------|-------|
|  | Nos.              | Rate | Nos.                      | Rate  |
| Maternal Causes, excluding Abortion .... | 244               | 0.32 | 0                         | 0.000 |
| Due to Abortion ....                     | 47                | 0.06 | 0                         | 0.000 |
| Total Maternal Mortality ..              | 291               | 0.38 | 0                         | 0.000 |

## Death Rate of Infants under One Year

During 1959 there were 10 children, being 5 legitimate males and 5 legitimate females, who died in the area before attaining the age of one year. This is equivalent to an infantile mortality rate of 27.02 per 1,000 live births, compared with 22.6 for England and Wales.

In 1958 there were 10 children who died under one year of age, yielding an Infantile Mortality Rate of 29.94 (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 1950–1959 :—

| Year      | All Infants per 1,000 Live Births | Legitimate Infants per 1,000 Legitimate Live Births | Illegitimate Infants per 1,000 Illegitimate Live Births |
|-----------|-----------------------------------|---|---|
| 1950 .... | 30.77                             | 30.91   | 0.00  |
| 1951 .... | 42.17                             | 43.81   | 0.00  |
| 1952 .... | 19.86                             | 20.54   | 0.00  |
| 1953 .... | 37.03                             | 37.97   | 0.00  |
| 1954 .... | 16.02                             | 15.57   | 0.00  |
| 1955 .... | 36.69                             | 35.5  | 0.00  |
| 1956 .... | 23.8                              | 23.3  | 0.00  |
| 1957 .... | 26.31                             | 25.56   | 0.00  |
| 1958 .... | 29.94                             | 30.67   | 0.00  |
| 1959 .... | 27.02                             | 27.47   | 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, 1959**

| Cause of Death           | Ages of Children |  |      |      | Total          |
|--------------------------|------------------|--|------|------|----------------|
| Acute Pneumonia          | ....             | 2 months, 5 months                       | .... | .... | 2              |
| Prematurity              | ....             | 1 day; 1 day 18 hours;<br>1 hour; 1 hour | .... | .... | 5              |
| Cerebral Haemorrhage     | ....             | 1 day; 2 days                            | .... | .... | 2              |
| Congenital Heart Disease | 4 months         | ....                                     | .... | .... | 1              |
|                          |                  |  |      |      | <hr/> 10 <hr/> |

Since the total deaths in the district at all ages was 185, then 5·4 per cent. of the total were children under one year of age. Of these infants 30 per cent. were one week old or older.

### **Death Rate of Infant's Under One Week**

During 1959 there were 7 infant's died before attaining the age of one week. This is equivalent to an early neo-natal Mortality Rate of 18·92 per 1,000 total live births.

There were 10 still births during 1959 in the district which is equivalent to a perinatal Mortality Rate of 44·73 per 1,000 total live and still births.



## Causes of Death in Washington Urban District during 1959

| CAUSES OF DEATH |   |      |      |      | Males | Females |
|-----------------|---|------|------|------|-------|---------|
| 1.              | Tuberculosis, Respiratory               | .... | .... | .... | ....  | ....    |
| 2.              | Tuberculosis, Other                     | .... | .... | .... | ....  | 1       |
| 3.              | Syphilitic Disease                      | .... | .... | .... | ....  | ....    |
| 4.              | Diphtheria                              | .... | .... | .... | ....  | ....    |
| 5.              | Whooping Cough                          | .... | .... | .... | ....  | ....    |
| 6.              | Meningococcal Infections                | .... | .... | .... | ....  | ....    |
| 7.              | Acute Poliomyelitis                     | .... | .... | .... | ....  | ....    |
| 8.              | Measles                                 | .... | .... | .... | ....  | ....    |
| 9.              | Other Infective and Parasitic Diseases  | .... | .... | .... | ....  | ....    |
| 10.             | Malignant Neoplasm, Stomach             | .... | .... | .... | 6     | 3       |
| 11.             | Malignant Neoplasm, Lung, Bronchus      | .... | .... | .... | 5     | ....    |
| 12.             | Malignant Neoplasm, Breast              | .... | .... | .... | ....  | 2       |
| 13.             | Malignant Neoplasm, Uterus              | .... | .... | .... | ....  | 3       |
| 14.             | Other Malignant and Lymphatic Neoplasms | .... | .... | .... | 10    | 6       |
| 15.             | Leukaemia Aleukaemia                    | .... | .... | .... | ....  | ....    |
| 16.             | Diabetes                                | .... | .... | .... | ....  | ....    |
| 17.             | Vascular Lesions of Nervous System      | .... | .... | .... | 16    | 13      |
| 18.             | Coronary Disease, Angina                | .... | .... | .... | 17    | 15      |
| 19.             | Hypertension with Heart Disease         | .... | .... | .... | 2     | 1       |
| 20.             | Other Heart Disease                     | .... | .... | .... | 5     | 9       |
| 21.             | Other Circulatory Disease               | .... | .... | .... | 6     | 8       |
| 22.             | Influenza                               | .... | .... | .... | ....  | 1       |
| 23.             | Pneumonia                               | .... | .... | .... | 5     | 4       |
| 24.             | Bronchitis                              | .... | .... | .... | 12    | 4       |
| 25.             | Other Diseases of Respiratory System    | .... | .... | .... | 3     | 1       |
| 26.             | Ulcer of Stomach and Duodenum           | .... | .... | .... | 1     | ....    |
| 27.             | Gastritis, Enteritis and Diarrhoea      | .... | .... | .... | ....  | ....    |
| 28.             | Nephritis and Nephrosis                 | .... | .... | .... | ....  | 2       |
| 29.             | Hyperplasia of Prostate                 | .... | .... | .... | ....  | ....    |
| 30.             | Pregnancy, Childbirth, Abortion         | .... | .... | .... | ....  | ....    |
| 31.             | Congenital Malformations                | .... | .... | .... | ....  | 1       |
| 32.             | Other Defined and Ill-defined Diseases  | .... | .... | .... | 8     | 5       |
| 33.             | Motor Vehicle Accidents                 | .... | .... | .... | ....  | 2       |
| 34.             | All other Accidents                     | .... | .... | .... | 5     | 1       |
| 35.             | Suicide                                 | .... | .... | .... | 2     | ....    |
| 36.             | Homicide and operations of War          | .... | .... | .... | ....  | ....    |
| ALL CAUSES      |   |      |      |      | 103   | 82      |

## Causes of Death

### TUBERCULOSIS

There were no deaths from pulmonary tuberculosis and only 1 death from non-pulmonary tuberculosis during 1959.

COMPARATIVE TABLE

| Year      | No. of Deaths from<br>Pulmonary Tuberculosis<br>in Washington U.D. | Death Rate per<br>1,000 Population from<br>Pulmonary Tuberculosis<br>England and Wales | Death Rate per<br>1,000 Population from<br>Pulmonary Tuberculosis<br>in Washington U.D. | No. of Deaths from<br>Non-Pulmonary<br>Tuberculosis<br>in Washington U.D. | Death Rate per 1,000<br>Population from Non-<br>Pulmonary Tuberculosis<br>England and Wales | Death Rate per 1,000<br>Population from Non-<br>Pulmonary Tuberculosis<br>in Washington U.D. |
|-----------|--|--|---|---|---|--|
| 1950 .... | 5  | 0.321  | 0.281   | 1   | 0.043   | 0.056  |
| 1951 .... | 2  | 0.275  | 0.113   | 3   | 0.041   | 0.164  |
| 1952 .... | 6  | 0.212  | 0.339   | 1   | 0.028   | 0.056  |
| 1953 .... | 5  | 0.179  | 0.283   | 0   | 0.022   | 0.000  |
| 1954 .... | 1  | 0.160  | 0.056   | 0   | 0.019   | 0.000  |
| 1955 .... | 2  | 0.145  | 0.112   | 0   | 0.015   | 0.000  |
| 1956 .... | 1  | 0.109  | 0.056   | 0   | 0.012   | 0.000  |
| 1957 .... | 5  | 0.109  | 0.279   | 0   | 0.011   | 0.000  |
| 1958 .... | 0  | 0.089  | 0.000   | 0   | 0.011   | 0.000  |
| 1959 .... | 0  | 0.077  | 0.000   | 1   | 0.008   | 0.055  |

### HEART DISEASE

#### AND DISEASE OF THE CIRCULATORY SYSTEM

This includes :—

|                                     | Males | Females |
|-------------------------------------|-------|---------|
| Coronary Disease—Angina ....        | 17    | 15      |
| Hypertension with Heart Disease.... | 2     | 1       |
| Other Heart Disease ....            | 5     | 9       |
| Other Circulatory Disease....       | 6     | 8       |
| Total ....                          | 30    | 33      |

Therefore in 1959 there were 63 deaths due to the above-named causes—that is 34.08 of the total deaths, or a death rate of 3.48 per 1,000 population. The percentage of total deaths in 1958 was 36.47 and the death rate 3.44.



## COMPARATIVE TABLE

| Year | Total Deaths<br>All Causes | Deaths<br>due to<br>Heart<br>Disease | DEATH RATE<br>PER 1,000 POPULATION |                  | Percentage<br>Total Deaths<br>due to<br>Heart<br>Disease |
|------|----------------------------|--------------------------------------|------------------------------------|------------------|--|
|      |                            |                                      | All Causes                         | Heart<br>Disease |  |
| 1949 | 196                        | 55                                   | 11.09                              | 3.11             | 28.07  |
| 1950 | 162                        | 42                                   | 9.12                               | 2.36             | 25.92  |
| 1951 | 221                        | 61                                   | 12.47                              | 3.44             | 27.6   |
| 1952 | 200                        | 53                                   | 11.29                              | 2.99             | 26.55  |
| 1953 | 155                        | 48                                   | 8.77                               | 2.72             | 31.0   |
| 1954 | 204                        | 72                                   | 11.51                              | 4.06             | 35.29  |
| 1955 | 201                        | 60                                   | 11.29                              | 3.37             | 29.85  |
| 1956 | 173                        | 53                                   | 9.68                               | 2.9              | 30.64  |
| 1957 | 181                        | 54                                   | 10.106                             | 3.015            | 29.83  |
| 1958 | 170                        | 62                                   | 9.12                               | 3.44             | 36.47  |
| 1959 | 185                        | 63                                   | 10.23                              | 3.48             | 34.08  |

## CANCER

This includes all malignant growths and diseases.

During 1959 there were 35 deaths certified as being due to malignant growths, being 21 males and 14 females. Of these 5 were due to cancer of lungs and bronchi and 9 to cancer of stomach, 2 breast, 3 uterus, and 16 to other malignant growths.

|                                   | England and<br>Wales | Washington<br>Urban District |
|-----------------------------------|----------------------|------------------------------|
| Death Rate (per 1,000 population) |                      |                              |
| cancer of lungs, and bronchi      | 0.464                | 0.27                         |
| Death Rate (per 1,000 population) |                      |                              |
| other cancer                      | 1.676                | 1.66                         |

The following table shows the number of deaths in the area due to cancer, and the mortality rate from this disease in 1959 compared with the preceding 10 years :—

| Year | NUMBER OF DEATHS |        |       | Mortality Rate<br>per 1,000<br>Population |
|------|------------------|--------|-------|---|
|      | Male             | Female | TOTAL |   |
| 1949 | 15               | 15     | 30    | 1.69                                      |
| 1950 | 6                | 8      | 14    | 0.79                                      |
| 1951 | 10               | 11     | 21    | 1.19                                      |
| 1952 | 21               | 12     | 33    | 1.86                                      |
| 1953 | 12               | 11     | 23    | 1.30                                      |
| 1954 | 18               | 19     | 37    | 2.08                                      |
| 1955 | 24               | 21     | 45    | 2.528                                     |
| 1956 | 12               | 15     | 27    | 1.15                                      |
| 1957 | 15               | 16     | 31    | 1.73                                      |
| 1958 | 21               | 15     | 36    | 2.02                                      |
| 1959 | 21               | 14     | 35    | 1.93                                      |



## Mass Radiography

A survey carried out by the Unit at two locations in Washington during the 9th to 13th February, 1959, revealed the following :—

|                                  |      |      | Males | Females |
|----------------------------------|------|------|-------|---------|
| Number X-Rayed                   | .... | .... | 366   | 299     |
| Number recalled                  | .... | .... | 35    | 19      |
| Number referred to Chest Clinic  | .... |      | 15    | 10      |
| Number of Abnormalities revealed | .... |      | 16    | 13      |
| Number Pneumoconiosis            | .... | .... | 16    | —       |

## Diphtheria Immunisations

The number of children in the Urban District who are recorded as having the complete course and those who have received the subsequent reinforcing or booster dose are given as follows :—

|                      |      |      | Full Course  | Boosters   |
|----------------------|------|------|--------------|------------|
| 0 to 5 years of age  | .... | .... | 723          | 2          |
| 6 to 15 years of age | .... | .... | 2,093        | 839        |
| Total                | .... | .... | <u>2,816</u> | <u>841</u> |

## Sanitary Circumstances of the Area

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### Water Supply

The water undertaking for the Urban Area has now been entirely taken over by the Sunderland and South Shields Water Co. from the Council. Water continues to be supplied as previously, that is part from the company's own reservoirs and part from the Newcastle upon Tyne and Gateshead Water Co., from whom a bulk supply is received at the western boundary of the Urban District.

The supply of water is satisfactory as regards both quantity and quality.

The only treatment installed in the supply system within the Urban District consists of a small Calgon dosing plant to reduce hardness. The taking of samples for bacteriological and chemical analysis is carried out by the company.

The waters do not appear to have a plumbo solvent action.

Samples of main supply water taken during the year gave satisfactory results, there being no evidence of contamination.

All the dwelling-houses within the Urban District are supplied from public water mains by the method herewith tabulated :—

|     |                                       |      |      |      |       |
|-----|---------------------------------------|------|------|------|-------|
| (1) | Direct to houses                      | .... | .... | .... | 5,704 |
| (2) | By means of tap in yard or wash-house | .... |      |      | 36    |
|     |                                       |      |      |      | <hr/> |
|     |                                       |      |      |      | 5,740 |
|     |                                       |      |      |      | <hr/> |

### 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 in settlement tanks before being allowed to flow into the river. The settlement tanks were cleansed during September, 1959. The need for new sewage disposal works is recognised and is under consideration.

### Rivers and Streams

Favourable reports as to the condition of the various water-courses in 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 :—

|                  | 1955  | 1956  | 1957  | 1958  | 1959  |
|------------------|-------|-------|-------|-------|-------|
| Water Closets..  | 6,291 | 6,408 | 6,493 | 6,467 | 6,608 |
| Ash Closets .... | 12    | 11    | 5     | 5     | Nil   |
| Elsan Closets .. | 6     | 6     | 7     | 7     | 7     |

## Refuse Collection and Disposal

The collection and disposal of household and trade refuse within the Urban District was carried out by direct labour except for six isolated houses which were dealt with by contract.

The personnel included three foreman/drivers and 12 loaders.

A service varying from 3 to 5 days was maintained during the year to the community. 3 vehicles were in service, viz:—

No. 10 Dennis, 18 cub. yds. rear loading and diesel driven (1957)

No. 9 Dennis, 10 cub. yds. side loading and diesel driven (1953)

No. 7 Dennis, 10 cub. yds. side loading and petrol driven (1950)

The vehicle No. 7 has been nine years in service and should be considered for replacement during next year.

The number of dwelling houses, shops, and other premises dealt with totalled 5,930.

Periodic test weights of loaded vehicles were taken during the year and together with information returned in daily time sheets by the foremen it was calculated that approximately 8,733 tons were collected for disposal, involving 3,029 loads and 375,944 calls. The tonnage collected is equal to 3·7 stones per call and 1 ton 9·4 cwt. per house, etc., per year.

Disposals of refuse during the year involved 3 tipping sites, also 3 agricultural areas which were filled in on the request of the occupiers. The sites and quantity deposited were as follows:—

|                             |      |            |
|-----------------------------|------|------------|
| Swinburn's Tip (Springwell) | .... | 4,853 tons |
| Biddick Tip                 | .... | 2,600 „    |
| Jubilee Tip                 | .... | 800 „      |
| Agricultural Areas          | .... | 480 „      |

With Springwell (Swinburn's) tip coming near the end of its usefulness efforts were made to obtain other tipping sites. A site to the north east of Jubilee Terrace was chosen, and after prolonged negotiations obtained, and was in use late in the year. The entrance



and approach road to the site were improved to facilitate speedier tipping. While the site offered every facility for 'controlled tipping' it was disappointing to hear the decision of the Council adhering to the old method with all its attendant difficulties and dangers.

Biddick tip was always a difficult site because of long entrance roads or tracks to the actual tipping site, which could not be used during the winter and other wet periods. This site was abandoned when Jubilee tip came into use.

All tipping sites in use during the year were frequently treated for outbreaks of fire and rat infestations.

### **Expenditure**

The cost of collection and disposal of refuse during the year under review was £9,458 6s.

Trade refuse increased in quantity during the period and £171 received for its disposal. The actual cost on the service was therefore £9,287 6s.

### **Unit Costs**

|   |              |
|---|--------------|
| Expenditure per ton per annum ....                | £1 1s. 3·2d. |
| Expenditure per 1,000 houses, &c., per annum .... | £1,566 3s.   |
| Expenditure per 1,000 population per annum ....   | £813 8s.     |
| Expenditure per house/shop/&c. per annum ....     | 7·09d.       |

### **Salvage**

The collection of selected paper only which was decided upon last year has for various reasons been discontinued. All types of paper, cardboard, etc., are at present destroyed by fire on the tipping site.

## Public Health Inspector's General Summary for Year 1959

|  | No. of<br>Inspection<br>s | No. of<br>Informal<br>Notices<br>Served | No. of<br>Statutory<br>Notices<br>Served | Defects<br>Remedied<br>After<br>Notice |
|--|---------------------------|---|--|--|
| Housing :                              |                           |   |  |  |
| Public Health and Housing Acts....     | 2,143                     | 236                                     | 4  | 219                                    |
| Sanitary Conveniences :                |                           |   |  |  |
| Insufficient                           | .....                     | .....                                   | .....                                    | .....                                  |
| Defective                              | 194                       | 28                                      | .....                                    | 28                                     |
| Drainage                               | 112                       | 53                                      | .....                                    | 44                                     |
| Water Supply                           | 61                        | 21                                      | .....                                    | 21                                     |
| Food Premises                          | 347                       | 17                                      | .....                                    | 16                                     |
| Shop Acts                              | 57                        | 1                                       | .....                                    | 1                                      |
| Dairies                                | .....                     | .....                                   | .....                                    | .....                                  |
| Slaughter-houses :                     |                           |   |  |  |
| Public                                 | .....                     | .....                                   | .....                                    | .....                                  |
| Private                                | 26                        | .....                                   | .....                                    | .....                                  |
| Tents, Vans, &c.                       | 27                        | .....                                   | .....                                    | .....                                  |
| Offensive Trades                       | .....                     | .....                                   | .....                                    | .....                                  |
| Factories and Workplaces               | 57                        | 4                                       | 1  | 5                                      |
| Keeping of Animals                     | 4                         | .....                                   | .....                                    | .....                                  |
| Insanitary Ashpits and Receptacles.... | 181                       | 109                                     | .....                                    | 111                                    |
| Offensive Accumulations                | 12                        | 3                                       | .....                                    | 3                                      |
| Smoke Nuisances                        | 35                        | 15                                      | .....                                    | 9                                      |
| Prevention of Damage by Pests          |                           |   |  |  |
| Acts, 1949                             | 359                       | 14                                      | .....                                    | 11                                     |

### Shops Act

During the year 57 visits and inspections of shops were made.

### Smoke Abatement

During the year no complaints were recorded in the department.

Washington Urban District being chiefly a mining area, the Council are keenly watching the developments in other areas under the Clean Air Acts, 1956, and studying the possibilities of the future. All new properties are subject to a limited number of open fires and, where installed, must be fitted with approved appliances.

### Swimming Baths

There are no swimming baths in the Urban area.



## Rat Infestation

During the year maintenance treatments for rats within the area were carried out as recommended by the Ministry of Agriculture and Fisheries Infestation Control Division. A summary of the work entailed on surface infestations is given in the following table :—

| Premises   | Local Authority            | Dwelling-houses  | Agri-cultural | All other (including Business and Industrial) | TOTAL            |
|--|----------------------------|------------------|---------------|---|------------------|
| 1. Total number of properties in Local Authority's District...   | *47                        | 5,623            | 44            | 789   | 6,503            |
| 2. Number of properties inspected by the Local Authority during 1959 as result of (a) notification, (b) survey, (c) otherwise .... | (a) 8<br>(b) 1<br>(c) .... | 103<br>139<br>31 | 7<br>18<br>7  | 17<br>19<br>9                                 | 135<br>177<br>47 |
| 3. Number of properties (under 2) found to be infested by rats ....  | 2                          | 43               | 17            | 5   | 67               |
| 4. Number of properties (under 2) found to be seriously infested by mice ....  | ...                        | 93               | 5             | 27  | 125              |
| 5. Number of infested properties (under 3 and 4) treated by the Local Authority ....   | 2                          | 57               | 8             | 13  | 80               |
| 6. Number of Notices served under Section 4—<br>(i) Treatment ....   | ....                       | ....             | ....          | ....  | ....             |
| (ii) Structural Works (i.e., Proofing) ....  | ....                       | ....             | ....          | ....  | ....             |
| 7. Number of cases in which default action was taken by Local Authority following issue of Notices under Section 4 ....            | ....                       | ....             | ....          | ....  | ....             |
| 8. Legal Proceedings ....  | ....                       | ....             | ....          | ....  | ....             |
| 9. Number of " block " control schemes carried out ....  | One                        |                  |               |   |                  |

\* Figures given as per Valuation Roll on 31st December, 1959.

# Housing

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## 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) ....   | 874   |
| (b) Number of inspections made for the purpose....   | 2,143 |
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Acts ....                                  | 531   |
| (b) Number of inspections made for the purpose....   | 1,542 |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ....                                    | 97    |
| (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 .... | 581   |

## 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 .... | 547 |
|--|-----|

## 3. Action under Statutory Powers during the year

### (A) PROCEEDINGS UNDER SECTIONS 9, 10 AND 12 OF THE HOUSING ACT, 1957 :—

|   |     |
|---|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs.... | 3   |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices :     |     |
| (a) By owners ....  | 3   |
| (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 .... | Nil |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices :              |     |
| (a) By owners ....  | Nil |
| (b) By Local Authority in default of owners....   | Nil |



(C) PROCEEDINGS UNDER SECTIONS 16 AND 17 (1) OF THE HOUSING ACT, 1957 :—

|  |    |
|--|----|
| (1) Number of dwelling-houses in respect of which Demolition Orders were made .... | 81 |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders ....    | 81 |

(D) PROCEEDINGS UNDER SECTION 18 OF THE HOUSING ACT, 1957 :—

|  |     |
|--|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ....  | 1   |
| (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 106 houses were erected and occupied within the Urban District, viz. :—

|  |    |
|--|----|
| Permanent houses by Local Authority .... | 86 |
| Houses built by Private Enterprise ....  | 20 |

#### 4. Overcrowding

In the Urban District overcrowding is much in evidence, more particularly with regard to houses overcrowded by reason of more than one family being in occupation.

The following is a Summary of the Permanent Dwelling-houses, including number of Apartments erected by the Local Authority up to 31st December, 1959.

| WARD                     | SIZE OF HOUSE OR TYPE |       |      |      | Total |
|--------------------------|-----------------------|-------|------|------|-------|
|                          | 2BR                   | 3BR   | A.P. | S.P. |       |
| Washington .....         | 108                   | 191   | 34   | 14   | 347   |
| Washington Station ..... | 42                    | 239   | 31   | 3    | 315   |
| Springwell .....         | 26                    | 128   | 16   | .... | 170   |
| Usworth Colliery .....   | 287                   | 156   | .... | .... | 443   |
| Great Usworth .....      | 258                   | 962   | 87   | 27   | 1,334 |
| TOTAL .....              | 721                   | 1,676 | 168  | 44   | 2,609 |

The total number of dwelling-houses under the control of the Urban District Council is tabulated herewith :—

|                 |              |
|-----------------|--------------|
| Permanent ..... | 2,609        |
| Temporary ..... | 100          |
| Others .....    | 2            |
|                 | <u>2,711</u> |

#### 5. Housing Act, 1949

|  |     |
|--|-----|
| Applications submitted to Local Authority during 1959....                      | 56  |
| Applications rejected by Local Authority during 1959 ....                      | 3   |
| Total number of applications submitted since the inception of the scheme ..... | 184 |
| Total number approved .....  | 173 |

#### 6. Rent Act, 1957

|   |     |
|---|-----|
| Number of Certificates of Disrepair applied for during 1959 ..... | Nil |
| Undertakings given by landlord (Form K) .....                     | Nil |
| Number of Certificates issued (Form L) ....                       | Nil |
| Number of Certificates cancelled ....                             | Nil |



# Inspection and Supervision of Food

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## (a) Milk Supply

Details of licensing under the Food and Drugs (Milk and Dairies) Act, 1955, and the various Regulations made thereunder are given as follows :—

|   |           |    |
|---|-----------|----|
| Licensed to sell Pasteurised Milk                           | ....      | 1  |
| Licensed to sell "T.T." Pasteurised Milk<br>(Supplementary) | .... .... | 2  |
| Registered to sell "Sterilised" Milk                        | ....      | 49 |

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, the bulk of milk being supplied to retailers by the Craven Dairies Limited and North-West Durham Co-operative Dairies Limited.

## (b) Inspection of Meat and Other Foods

Two licences were issued during the year with regard to premises for the slaughtering of animals for human consumption.

No regular slaughtering was carried out during the year. Only occasional slaughtering is practised at the two licensed premises.

Licences to slaughter were renewed to 18 persons for the ensuing year.

Unsound foodstuffs, involving the issue of 309 certificates, were surrendered as unfit for human consumption during the year, and consisted of the following :—

|                   |      |      |      |      |      |           |
|-------------------|------|------|------|------|------|-----------|
| English Beef      | .... | .... | .... | .... | .... | 35 lb.    |
| Frozen Beef       | .... | .... | .... | .... | .... | 92 "      |
| Australian Rabbit | .... | .... | .... | .... | .... | 30 "      |
| Bacon             | .... | .... | .... | .... | .... | 16 "      |
| Sausage           | .... | .... | .... | .... | .... | 33 "      |
| Tinned Meat       | .... | .... | .... | .... | .... | 481 "     |
| Tinned Vegetables | .... | .... | .... | .... | .... | 389 "     |
| Tinned Fruit      | .... | .... | .... | .... | .... | 320 "     |
| Tinned Fish       | .... | .... | .... | .... | .... | 12 "      |
| Tinned Milk       | .... | .... | .... | .... | .... | 104 pints |
| Tinned Rice       | .... | .... | .... | .... | .... | 22 lb.    |
| Tinned Soup       | .... | .... | .... | .... | .... | 14 "      |
| Butter            | .... | .... | .... | .... | .... | 97 "      |
| Margarine         | .... | .... | .... | .... | .... | 45 "      |
| Cake              | .... | .... | .... | .... | .... | 51 "      |
| Dried Fruit       | .... | .... | .... | .... | .... | 21 "      |
| Sugar             | .... | .... | .... | .... | .... | 28 "      |
| Other Foods       | .... | .... | .... | .... | .... | 17 "      |

**(c) Ice Cream**

|                                |      |      |    |
|--------------------------------|------|------|----|
| Number of Producers Registered | .... | .... | 2  |
| Number of Retailers Registered | .... | .... | 41 |

During the year 107 samples were submitted for bacteriological examination and the following results were obtained :—

| Provisional Grade | No. of Samples |
|-------------------|----------------|
| 1 .....           | 88             |
| 2 .....           | 8              |
| 3 .....           | 6              |
| 4 .....           | 5              |

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.



# **FACTORIES ACT, 1937—1959**

## **Part 1 of the Act**

### **1. Inspections** for purposes of provisions as to Health (including inspections made by Sanitary Inspectors)

| PREMISES   | Number on Register | Number of   |                 |                      |
|--|--------------------|-------------|-----------------|----------------------|
|  |                    | Inspections | Written Notices | Occupiers Prosecuted |
| (i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities .....                    | 18                 | 21          | 2               | ....                 |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .....                     | 33                 | 28          | 3               | ....                 |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..... | 8                  | 8           | ....            | ....                 |
| <b>Total</b> .....   | <b>59</b>          | <b>57</b>   | <b>5</b>        | <b>....</b>          |

### **2. Cases in which Defects were found**

| PARTICULARS  | Number of Cases in which<br>Defects were found |          |                      |                      | Number of<br>Cases in<br>which<br>Prosecution<br>were<br>instituted |
|--|--|----------|----------------------|----------------------|---|
|  | Found  | Remedied | Referred             |                      |   |
|  |  |          | To H.M.<br>Inspector | By H.M.<br>Inspector |   |
| Want of cleanliness (S.1) ....   | 4  | 4        | ....                 | ....                 | ....  |
| Overcrowding (S.2) ....  | ....   | ....     | ....                 | ....                 | ....  |
| Unreasonable Temperature<br>(S.3) ....                                   | ....   | ....     | ....                 | ....                 | ....  |
| Inadequate ventilation (S.4) ....  | ....   | ....     | ....                 | ....                 | ....  |
| Ineffective drainage of<br>floors (S.6) ....                             | ....   | ....     | ....                 | ....                 | ....  |
| Sanitary Conveniences<br>(S.7)—  |  |          |                      |                      |   |
| Insufficient ....  | 1  | ....     | ....                 | 1                    | ....  |
| Unsuitable or defective ....   | 7  | 7        | ....                 | 2                    | ....  |
| Not separate for sexes ....  | ....   | ....     | ....                 | ....                 | ....  |
| Other offences (not including<br>offences relating to out-<br>work) .... | ....   | ....     | ....                 | ....                 | ....  |
| Total ....   | 12   | 11       | ....                 | 3                    | ....  |

### 3. Outworkers

There are no factories in the Urban District employing outworkers.

The premises of 11 outworkers employed by factories situated in other districts were inspected and were found to be satisfactory.

Six of these were employed in making toilet goods and the other five in making wearing apparel.

### Notifiable Disease during the year 1959

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                       | Total Cases Notified | Cases Admitted to Hospital | Total Deaths |
|--------------------------------|----------------------|----------------------------|--------------|
| Smallpox                       | .....                | .....                      | .....        |
| Scarlet Fever                  | 32                   | .....                      | .....        |
| Diphtheria                     | .....                | .....                      | .....        |
| Enteric F. (incl. Paratyphoid) | .....                | .....                      | .....        |
| Cerebro-Spinal Meningitis      | .....                | .....                      | .....        |
| Puerperal Pyrexia              | .....                | .....                      | .....        |
| Erysipelas                     | 2                    | .....                      | .....        |
| Pneumonia                      | 3                    | 3                          | 9            |
| Ophthalmia Neonatorum          | .....                | .....                      | .....        |
| Measles                        | 476                  | .....                      | .....        |
| Whooping Cough                 | 2                    | .....                      | .....        |
| Dysentery                      | .....                | .....                      | .....        |
| Poliomyelitis                  | .....                | .....                      | .....        |
| Polioencephalitis              | .....                | .....                      | .....        |
| Food Poisoning                 | .....                | .....                      | .....        |
| Acute Encephalitis             | 1                    | 1                          | .....        |
| Total                          | 516                  | 4                          | 9            |

### Prevention of Blindness

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



### Cases of Infectious Diseases during 1959 showing Age, Incidence, and Distribution

| DISEASE                     | At All Ages | NUMBER OF CASES NOTIFIED |           |           |           |           |           |             |             |             |             | WARDS       |            |                       |                     |                  | No. of Cases<br>Removed to Hospital |            |
|-----------------------------|-------------|--------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|------------|-----------------------|---------------------|------------------|-------------------------------------|------------|
|                             |             | 0-1 year                 | 1-2 years | 2-3 years | 3-4 years | 4-5 years | 5-9 years | 10-14 years | 15-24 years | 25-44 years | 45-64 years | 65 and over | Washington | Washington<br>Station | Usworth<br>Colliery | Great<br>Usworth |                                     | Springwell |
| Scarlet Fever               | 32          | ...                      | ...       | ...       | 7         | 3         | 18        | 4           | ...         | ...         | ...         | ...         | 4          | 8                     | ...                 | 20               | ...                                 | ...        |
| Whooping Cough              | 2           | ...                      | ...       | ...       | 2         | ...       | ...       | ...         | ...         | ...         | ...         | ...         | ...        | 2                     | ...                 | ...              | ...                                 | ...        |
| Measles (excluding Rubella) | 476         | 15                       | 53        | 70        | 69        | 72        | 193       | 4           | ...         | ...         | ...         | ...         | 53         | 166                   | 93                  | 123              | 41                                  | ...        |
| Pneumonia                   | 3           | ...                      | ...       | ...       | ...       | ...       | ...       | ...         | 1           | 1           | 1           | ...         | 1          | ...                   | 1                   | 1                | ...                                 | ...        |
| Pulmonary Tuberculosis      | 9           | ...                      | ...       | ...       | ...       | ...       | 1         | ...         | 2           | 1           | 5           | ...         | 2          | ...                   | 4                   | 3                | ...                                 | 6          |
| Erysipelas                  | 2           | ...                      | ...       | ...       | ...       | ...       | ...       | ...         | ...         | 1           | 1           | ...         | ...        | 2                     | ...                 | ...              | ...                                 | ...        |
| Acute Encephalitis          | 1           | ...                      | ...       | ...       | ...       | ...       | 1         | ...         | ...         | ...         | ...         | ...         | ...        | ...                   | ...                 | 1                | ...                                 | 1          |

### New Cases of Tuberculosis during 1959

The following table shows the notification of tuberculosis, pulmonary and non-pulmonary, according to sex, for the year 1959, compared with the preceding 10 years :—

| Year       | PULMONARY |    |       | NON-PULMONARY |       |       |
|------------|-----------|----|-------|---------------|-------|-------|
|            | M.        | F. | Total | M.            | F.    | Total |
| 1949 ..... | 11        | 6  | 17    | 4             | 2     | 6     |
| 1950 ..... | 5         | 15 | 20    | 1             | 2     | 3     |
| 1951 ..... | 9         | 9  | 18    | 3             | 2     | 5     |
| 1952 ..... | 12        | 12 | 24    | 2             | 2     | 4     |
| 1953 ..... | 14        | 4  | 18    | 1             | ..... | 1     |
| 1954 ..... | 11        | 15 | 26    | 1             | 1     | 2     |
| 1955 ..... | 2         | 9  | 11    | 1             | ..... | 1     |
| 1956 ..... | 8         | 7  | 15    | 1             | 2     | 3     |
| 1957 ..... | 7         | 3  | 10    | 2             | 2     | 4     |
| 1958 ..... | 11        | 9  | 20    | 1             | 3     | 4     |
| 1959 ..... | 6         | 3  | 9     | .....         | ..... | ..... |

The following table shows the distribution of pulmonary and non-pulmonary tuberculosis notified in 1959, according to sex and ward incidence :—

| Ward                     | Pulmonary Tuberculosis |       | Non-Pulmonary Tuberculosis |       | Totals |
|--------------------------|------------------------|-------|----------------------------|-------|--------|
|                          | M.                     | F.    | M.                         | F.    |        |
| Washington .....         | 1                      | 1     | .....                      | ..... | 2      |
| Washington Station ..... | .....                  | ..... | .....                      | ..... | .....  |
| Usworth Colliery .....   | 3                      | 1     | .....                      | ..... | 4      |
| Great Usworth .....      | 2                      | 1     | .....                      | ..... | 3      |
| Springwell .....         | .....                  | ..... | .....                      | ..... | .....  |
| Total .....              | 6                      | 3     | .....                      | ..... | 9      |



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 :—

| Age Period        | NEW CASES |      |               |      | DEATHS    |      |               |      |
|-------------------|-----------|------|---------------|------|-----------|------|---------------|------|
|                   | Pulmonary |      | Non-Pulmonary |      | Pulmonary |      | Non-Pulmonary |      |
|                   | M.        | F.   | M.            | F.   | M.        | F.   | M.            | F.   |
| Under 5 years.... | ....      | .... | ....          | .... | ....      | .... | ....          | .... |
| 5—15 „ ....       | ....      | 1    | ....          | .... | ....      | .... | ....          | .... |
| 15—25 „ ....      | 1         | 1    | ....          | .... | ....      | .... | ....          | .... |
| 25—45 „ ....      | ....      | 1    | ....          | .... | ....      | .... | ....          | .... |
| 45—65 „ ....      | 5         | .... | ....          | .... | ....      | .... | 1             | .... |
| 65 and upwards    | ....      | .... | ....          | .... | ....      | .... | ....          | .... |
| Total ....        | 6         | 3    | ....          | .... | ....      | .... | 1             | .... |

### Occupation

The occupations of those who were notified during 1959 as suffering from tuberculosis were as follows :—

PULMONARY: 3 miners, 1 schoolchild, 2 clerks, 1 bricklayer,  
1 farmworker, 1 labourer.

### Sites of Lesions in Non-Pulmonary Cases

1 meninges.

### 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.











