### [Report 1965] / Medical Officer of Health, Abergavenny R.D.C.

### **Contributors**

Abergavenny (Wales). Rural District Council.

### **Publication/Creation**

1965

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# **Annual Report**

UPON THE

**Public Health** 

AND

Sanitary Administration

OF THE

Rural District of Abergavenny

FOR THE

Year 1965



S. M. R. JAMES, B.Sc., M.B., B.Ch., D.P.H.

Medical Officer of Health

and

Medical Officer of Health No. 10 Area



## ANNUAL REPORT

1965

MR. CHAIRMAN, LADIES AND GENTLEMEN,

There are over a thousand elderly people living in the Rural District of Abergavenny today, i.e. men and women over the present pension age of 65 and 60 years respectively. The number has more or less doubled in the last half century and it is reasonable to expect that the present upward trend will continue over the next twenty years. This remarkable shift in the age pattern of our population, both locally and nationally presents new problems to those interested in the health and welfare of the community.

Many of the pensioners enjoy better health than their predecessors due to advances in medical science and improved environment both social and physical. Increasing numbers have spent less hours at strenuous work than did their forefathers and therefore potentially more active. Fortunately, some of them are adequately housed and able to look after themselves on retirement. Others can do so with help from the family or various local authority and/or voluntary services. On the other hand, many of them are living in accommodation that has become unsuited to their needs for one reason or another. Although residential homes for the aged will certainly be needed for as long as we can see and probably for increasing numbers, the great majority of the elderly will continue to live in their own homes. This Council appreciates the need to help old people to do so, the emphasis having changed from institutional to community care.

By 1965 a number of pensioners had already enjoyed several years in council built bungalows at The Bryn, Govilon and Llanfoist. Then during this last year, considerable thought was given to the planning and building of further accommodation for the elderly throughout the District.

Mardy—14 O.A.P. Bungalows started and almost completed in the year.

Govilon—12 O.A.P. Bungalows (four of which were completed in 1965). 3 others proposed at Carpenters Row.

Great Oak—6 O·A.P. Bungalows proposed, work to start in 1966.

Llanfoist-12 O.A.P. Bungalows, work to start in 1966.

The Bryn-12 O.A.P. Bungalows under construction.

Grosmont—6 O.A.P. Bungalows proposed.

At the same time a few of the older houses in the district have been gradually adapted to suit particular needs.

There will be a growing need for special accommodation for the elderly, because as we know only too well, old age does not come alone. For instance, the metabolism of the body in old age will not allow any drastic drop in temperature, hence the need for an adequate even temperature in all rooms—the poor climate in a British bathroom is a common experience! We also know that the elderly cannot accommodate to sudden changes in illumination, hence the need for full lighting. especially where there are stairs and staircases. Window height is very important particularly for the disabled and housebound. The elderly are accident prone therefore flooring deserves careful consideration and whatever material is chosen, it should be non-slip. Similarly, toilets and baths should be provided with hand-rails and preferably baths should not be more than 5 feet in length. Cupboards should be accessible in height and depth. In other words housing, particularly for the aged demands a preventive rather than a 'casualty' approach if the problems and difficulties too often experienced by the elderly are to be overcome.

The infectious diseases which were responsible for the great proportion of deaths in the past have yielded place in mortality tables to the diseases associated with later age groups. More and more old people die each year from circulatory diseases and cancer of all types. Other disabilities tend to increase with advancing years. Vision begins to fail, until after sixty, only about one in twenty people can read without glasses. Hearing becomes less acute. Giddiness is common and a large majority of falls occurs after the age of sixtyfive years. While many of these conditions cannot be wholly prevented, their onset can be delayed. Periodic medical examinations at geriatric clinics could and would contribute greatly towards a healthy and happy retirement. We all know that infant welfare clinics have played an appreciable part in improving the health and well-being of the young so it is reasonable to expect similar positive results in the promotion of a healthy old age. We are also increasingly aware of the problems associated with leisure. In the past, people either worked until they dropped dead or were overcome by chronic ill-health. Today, more and more are forced to retire at a fixed age. same time, their working days have gradually become shorter and their leisure time longer. Unfortunately, most people are as yet ill-prepared for this increase in leisure time. How many of us are dependent on mass media for our sole means of entertainment? The proper use of leisure could profitably be included in the health education programme of a geriatric clinic.

The Council continues to devote much time and energy in consideration, discussing and planning for the needs of the population in general In 1965 it was decided to have—

4 more houses at Llanvapley. 26 more houses at Mardy. 21 more houses at Govilon.
6 houses for Sale at Llanellen.
11 more houses at Great Oak.
10 more houses at Glanhonddu.
4 agricultural houses at Llangattock Lingoed.

It is believed that these will provide homes for most of those on our housing waiting list. particularly families still living in slum properties and those in overcrowded conditions as well as for the aged. Many of them will live in decent, modern homes complete with baths, etc., possibly for the first time in their lives.

When the houses are built it is necessary to plan and provide ancillary but nevertheless equally essential services. There must be an available supply of pure and wholesome water not only to meet the demands of new housing but also those of local industries as well as our modern way of life. Being a rural district there is little industry to increase the demand. Both the quantity and the quality of our water supplies continue to give rise to anxiety at odd times. As 1965 was a comparatively wet year, the supply was sufficient to meet the demand. The quality, however, was not consistently good, as some of the laboratory reports on the regular and frequent samples show. In any rural district there are many private water supplies, these are also sampled and investigated at intervals and any adverse reports submitted to the owners.

There must also be a satisfactory means of sewage disposal. The Council has constructed sewage disposal plants (septic tanks with filter beds) in the larger villages. Unfortunately, their maintenance has occasionly proved very difficult and they do not always function satisfactorily as the sewage effluents sometimes show. There are plans to overcome their faulty operation and it is hoped they will be successful.

Refuse disposal is another service which presents its own problems. It is often difficult to obtain suitable tipping ground. Controlled tipping is advised but not always observed. One of the tips has been prone to internal combustion. The rodent population is kept to a minimum but it has not always been possible to exclude wandering farm animals.

These and other services, provided by the local authority and operated by its officials, form an essential part of our physical environment. Whatever the pattern of disease, a good physical environment will always be conducive to optimum health.

## VITAL STATISTICS

| Area in Acres Population (Estimate Number of Inhabite (According to Rate Rateable Value 1d. Rate | d Ho           |                   | 64)                   | ASSO, 16 PORCE  MAIL ASSOCIATION  IN COMPANY  MIN COMPANY  MINISTRACT  MINISTR | 62,685<br>9,160<br>2,736<br>£164,887<br>£650 |
|--|----------------|-------------------|-----------------------|--|--|
| 1965<br>Live Births:   | M              | F                 | Total                 |  |  |
| Legitimate Illegitimate  | 87<br>2        | 75<br>3           | 162<br>5              |  |  |
|  | 89             | 78                | 167                   |  |  |
| LIVE BIRTH RATE<br>Per 1,000 population<br>Comparability Factor                                  | n              |                   | District<br>.23       | County<br>18.68  | E. & W.<br>18.0                              |
| Adjusted Live Birth  | Rate           | e—18.2            | 3 x 1.2-              | –21.87 Cou   | inty 19.05.                                  |
| STILL BIRTHS Legitimate Illegitimate   |                | 4                 | F. Tota<br>2 6<br>1 1 | ality home li  |  |
| Total  |                | 4                 | 3 7                   |  |  |
| STILL BIRTH RATE<br>Per 1,000 Live and   |                | Rural I           | District              | County   | E. & W.                                      |
| Still Births Per 1,000 population  | n              | 40.2<br>0.76      |                       | $\frac{22.5}{0.4}$   | 15.7   |
| DEATHS<br>All causes   |                | The second second |                       | otal<br>60   |  |
| Death Rate per 1,00<br>Comparability Fact<br>Adjusted Death Ra                                   | or—0           | .51               | 17.5                  | County<br>10.9   | E. & W.<br>11.5<br>y 12.31                   |
|  |                |                   | M.                    |  | tal  |
| Death from Cancer (<br>Death from Lung C<br>Deaths due to Pregn<br>Deaths due to Preg            | ancer<br>ancy, | Child             | 13<br>4<br>Birth a    | 1  | 23<br>5<br>—Nil.                             |
| MATERNAL DEATH I<br>(Rate per 1,000 Liv  |                |                   | Rural D               |  | ounty<br>0.59                                |

| INFANT MORTALITY  Cause of Death                 | М.            | F.                | Age             |                 |
|--|---------------|-------------------|-----------------|-----------------|
| Virus Pneumonia<br>Prematurity                   | 1 2           | 1                 | 1 hour<br>1 day |                 |
| Trematurity                                      | - Solario     | d-meen            | 1 day           |                 |
|  |               | In THOSE I        |                 |                 |
| Infant Mortality Rate<br>(Rate per 1,000 total I |               | District<br>11.98 | County<br>21.21 | E. & W.<br>19.0 |
| Neo-Natal Mortality Rate—                        | first 4 weeks | 11.98             | 14.39           |                 |
| Early Neo-Natal Mortality F<br>(Under 1 week)    | Rate          | 11.98             | 12.27           |                 |
| Perinatal Mortality (Still Births and In         |               |                   |                 |                 |
| under 1 week) per 1<br>total live and still birt | ,000<br>hs    | 51.7              | 35.98           |                 |

PERINATAL MORTALITY IN ABERGAVENNY RURAL DISTRICT (1959 - 1965)

|      |   | OF FIRST | NUMBER OF<br>STILL BIRTHS               | PERINATAL<br>MORTALITY RATE |
|------|---|----------|---|-----------------------------|
| 1965 | 0 | 2        | . 7                                     | 51.7                        |
| 1964 |   | 2        | 2 | 28.                         |
| 1963 |   | _        | lefined diseases                        | Other deliged and ill-d     |
| 1962 |   | 4        | ele) 1                                  | 42.55                       |
| 1961 |   | 2        | 1                                       | 28.99                       |
| 1960 |   | 1        | 7                                       | 56.7                        |
| 1959 |   | 2        | 2                                       | 32.0                        |

## PERINATAL MORTALITY (1959-1965)

Abergavenny Borough, Abergavenny Rural District and Monmouthshire County.

| YEAR | ABERGAVENNY<br>BOROUGH | ABERGAVENNY<br>RURAL DISTRICT | MONMOUTHSHIRE |  |  |
|------|------------------------|-------------------------------|---------------|--|--|
| 1965 | 31.25                  | 51.7                          | 35.98         |  |  |
| 1964 | 57.8                   | 28.6                          | 37.25         |  |  |
| 1963 | 30.6                   | _                             | 35.82         |  |  |
| 1962 | 71.4                   | 42.55                         | 38.85         |  |  |
| 1961 | 46.1                   | 28.99                         | 39.9          |  |  |
| 1960 | 51.3                   | 56.7                          | 42.0          |  |  |
| 1959 | 23.9                   | 32.0                          | 47.7          |  |  |

## Causes of Death, 1965.

| Tuberculosis           1         0           Other Infective and Parasitic Diseases          0         1           Malignant Neoplasm of Stomach          2         1           Malignant Neoplasm of Lung and Bronchus         4         1           Malignant Neoplasm of Uterus         -         5           Malignant Neoplasm of Breast         -         1           Other Malignant and Lymphatic Neoplasms         7         2           Leukaemia, Aleukaemia         -         1           Diabetes          -         1           Vascular Lesions of nervous system         10         7           Coronary Disease, Angina          13         8           Hypertension with Heart Disease         -         2         2           Other Heart Diseases          10         18           Other Circulatory Disease         6         2         2           Influenza         -         -         -           Pneumonia          21         10           Bronchitis          2         2           Other Disease of Respiratory System         0         1  | Cause                                  | Sex:       | Male             | Female   |
|--|--|------------|------------------|----------|
| Malignant Neoplasm of Stomach21Malignant Neoplasm of Lung and Bronchus41Malignant Neoplasm of Uterus-5Malignant Neoplasm of Breast-1Other Malignant and Lymphatic Neoplasms72Leukaemia, Aleukaemia1Diabetes1Vascular Lesions of nervous system107Coronary Disease, Angina138Hypertension with Heart Disease-2Other Heart Diseases1018Other Circulatory Disease62InfluenzaPneumonia2110Bronchitis.22Other Disease of Respiratory System01Ulcer of Stomach and Duodenum-1Gastritis, Enteritis, Diarrhoea00Nephritis and Nephrosis01Hyperplasia of Prostate0-Congenital Malformations00Other defined and ill-defined diseases86Accidents (Motor Vehicle)2-Suicide.2-  | Tuberculosis                           |            | 1 ruden          | 0        |
| Malignant Neoplasm of Lung and Bronchus41Malignant Neoplasm of Breast-5Malignant Neoplasm of Breast-1Other Malignant and Lymphatic Neoplasms72Leukaemia, Aleukaemia-1Diabetes-1Vascular Lesions of nervous system107Coronary Disease, Angina138Hypertension with Heart Disease-2Other Heart Diseases1018Other Circulatory Disease62InfluenzaPneumonia.2110Bronchitis.22Other Disease of Respiratory System01Ulcer of Stomach and Duodenum-1Gastritis, Enteritis, Diarrhoea00Nephritis and Nephrosis01Hyperplasia of Prostate0-Congenital Malformations00Other defined and ill-defined diseases86Accidents (Motor Vehicle)2-Suicide.2-  | Other Infective and Parasitic Diseases | s          | 0                | 1        |
| Malignant Neoplasm of Lung and Bronchus41Malignant Neoplasm of Breast-5Malignant Neoplasm of Breast-1Other Malignant and Lymphatic Neoplasms72Leukaemia, Aleukaemia-1Diabetes-1Vascular Lesions of nervous system107Coronary Disease, Angina138Hypertension with Heart Disease-2Other Heart Diseases1018Other Circulatory Disease62InfluenzaPneumonia.2110Bronchitis.22Other Disease of Respiratory System01Ulcer of Stomach and Duodenum-1Gastritis, Enteritis, Diarrhoea00Nephritis and Nephrosis01Hyperplasia of Prostate0-Congenital Malformations00Other defined and ill-defined diseases86Accidents (Motor Vehicle)2-Suicide.2-  |  | P          | 2                | 1        |
| Malignant Neoplasm of Uterus-5Malignant Neoplasm of Breast-1Other Malignant and Lymphatic Neoplasms72Leukaemia, Aleukaemia-1Diabetes1Vascular Lesions of nervous system107Coronary Disease, Angina138Hypertension with Heart Disease-2Other Heart Diseases1018Other Circulatory Disease62InfluenzaPneumonia.2110Bronchitis.22Other Disease of Respiratory System01Ulcer of Stomach and Duodenum-1Gastritis, Enteritis, Diarrhoea00Nephritis and Nephrosis01Hyperplasia of Prostate0-Congenital Malformations00Other defined and ill-defined diseases86Accidents (Motor Vehicle)2-Suicide.2-  |  | nchus      | 4                | 1 1 1    |
| Malignant Neoplasm of Breast       -       1         Other Malignant and Lymphatic Neoplasms       7       2         Leukaemia, Aleukaemia       -       1         Diabetes       -       1         Vascular Lesions of nervous system       10       7         Coronary Disease, Angina       13       8         Hypertension with Heart Disease       -       2         Other Heart Diseases       10       18         Other Circulatory Disease       6       2         Influenza       -       -         Pneumonia       .       21       10         Bronchitis       .       2       2         Other Disease of Respiratory System       0       1         Ulcer of Stomach and Duodenum       -       1         Gastritis, Enteritis, Diarrhoea       0       0         Nephritis and Nephrosis       0       1         Hyperplasia of Prostate       0       -         Congenital Malformations       0       0         Other defined and ill-defined diseases       8       6         Accidents (Motor Vehicle)       2       -         Suicide       .       2       -  | Malignant Neoplasm of Uterus           |            | cauty Aluen      | 5        |
| Other Malignant and Lymphatic Neoplasms72Leukaemia, Aleukaemia   |  | ST DATE IN | Hos non't sad or | 1        |
| Leukaemia, Aleukaemia       —       1         Diabetes       —       1         Vascular Lesions of nervous system       10       7         Coronary Disease, Angina       13       8         Hypertension with Heart Disease       —       2         Other Heart Diseases       —       10       18         Other Circulatory Disease       —       6       2         Influenza       —       —       —         Pneumonia       —       21       10         Bronchitis       —       2       2         Other Disease of Respiratory System       0       1         Ulcer of Stomach and Duodenum       —       1         Gastritis, Enteritis, Diarrhoea       0       0         Nephritis and Nephrosis       0       1         Hyperplasia of Prostate       0       0         Congenital Malformations       0       0         Other defined and ill-defined diseases       8       6         Accidents (Motor Vehicle)       2       —         Suicide       —       2       —   |  | olasms     | 7                | 2        |
| Diabetes        -       1         Vascular Lesions of nervous system       10       7         Coronary Disease, Angina        13       8         Hypertension with Heart Disease       -       2         Other Heart Diseases        10       18         Other Circulatory Disease       6       2         Influenza       -       -       -         Pneumonia        21       10         Bronchitis        2       2         Other Disease of Respiratory System       0       1         Ulcer of Stomach and Duodenum       -       1         Gastritis, Enteritis, Diarrhoea       0       0         Nephritis and Nephrosis       0       1         Hyperplasia of Prostate       0       -         Congenital Malformations       0       0         Other defined and ill-defined diseases       8       6         Accidents (Motor Vehicle)       2       -         Suicide        2       -   |  |            | _                | 1        |
| Coronary Disease, Angina   |  | y Hate     | Natal Mortality  | Est Neo- |
| Coronary Disease, Angina   |  | 5          | 10               | aU) 7    |
| Hypertension with Heart Disease 2 Other Heart Diseases 10 18 Other Circulatory Disease 6 2 Influenza Pneumonia 21 10 Bronchitis 2 2 2 Other Disease of Respiratory System 0 1 Ulcer of Stomach and Duodenum 1 Gastritis, Enteritis, Diarrhoea 0 0 Nephritis and Nephrosis 0 1 Hyperplasia of Prostate 0 - Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 - Suicide 2 -  |  |            | 13               | 8        |
| Other Heart Diseases1018Other Circulatory Disease62InfluenzaPneumonia2110Bronchitis22Other Disease of Respiratory System01Ulcer of Stomach and Duodenum1Gastritis, Enteritis, Diarrhoea00Nephritis and Nephrosis01Hyperplasia of Prostate0-Congenital Malformations00Other defined and ill-defined diseases86Accidents (Motor Vehicle)2-Suicide2-  |  | America    | han adhis I      |          |
| Other Circulatory Disease62InfluenzaPneumonia2110Bronchitis22Other Disease of Respiratory System01Ulcer of Stomach and Duodenum1Gastritis, Enteritis, Diarrhoea00Nephritis and Nephrosis01Hyperplasia of Prostate0-Congenital Malformations00Other defined and ill-defined diseases86Accidents (Motor Vehicle)2-Suicide2-  |  | 000 1      | 10               |          |
| InfluenzaPneumoniaBronchitisOther Disease of Respiratory System  | Other Circulatory Disease              | dansid     | 6                |          |
| Bronchitis   |  | -          | Page nin alie    | and -    |
| Other Disease of Respiratory System 0 1 Ulcer of Stomach and Duodenum 1 Gastritis, Enteritis, Diarrhoea 0 0 Nephritis and Nephrosis 0 1 Hyperplasia of Prostate 0 Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 Suicide 2  | Pneumonia                              | NI XIII    | 21               | 10       |
| Ulcer of Stomach and Duodenum 1 Gastritis, Enteritis, Diarrhoea 0 0 Nephritis and Nephrosis 0 1 Hyperplasia of Prostate 0 - Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 - Suicide 2  | Bronchitis                             | 0.01999    | 2                | 2        |
| Ulcer of Stomach and Duodenum 1 Gastritis, Enteritis, Diarrhoea 0 0 Nephritis and Nephrosis 0 1 Hyperplasia of Prostate 0 - Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 - Suicide 2  | Other Disease of Respiratory System    |            | 0                | 1        |
| Gastritis, Enteritis, Diarrhoea 0 0 Nephritis and Nephrosis 0 1 Hyperplasia of Prostate 0 - Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 - Suicide 2  |  | 10101      | US NO TREME      | 111      |
| Nephritis and Nephrosis 0 1 Hyperplasia of Prostate 0 - Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 - Suicide 2  |  |            | 0                | 0        |
| Hyperplasia of Prostate 0 – Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 – Suicide 2  |  |            | 0                | 1        |
| Congenital Malformations 0 0 Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 - Suicide 2  |  |            | 0                | +985     |
| Other defined and ill-defined diseases 8 6 Accidents (Motor Vehicle) 2 – Suicide 2   |  | 7          | 0                | 0        |
|  |  |            | 8                | 6        |
|  |  | G . C0     | 2                | 49- ERG2 |
|  |  |            | 2                | 1804     |
|  | All other Accidents                    |            |                  | 0801     |
| Tel 1 CE CONTROL CONTR |  |            | -2 5             | 1959     |
| Total 88 72  | Total                                  |            | 88               | 72       |

## NOTIFICATION OF INFECTIOUS DISEASES (1965)

(Classified according to sex and age)

| Disease                  | Sex    | 0-4     | 5-9                | 10-19     | 20-29  | 30-39     | 40 plus     | Total     |
|--------------------------|--------|---------|--------------------|-----------|--|-----------|-------------|-----------|
| Whooping                 | M      | 0       | 0-0                | 1 -1      | . 25   | 25- 22    | !           | 0         |
| Cough                    | F      | 1       | -                  | ED 2      | 30   | -         | · Break     | 1         |
| Measles                  | M      | 0       | 3                  | 1         | 1000   | 80 180    | -           | 4         |
| 0 1.5                    | F      | 1       | 3                  |           | te de la constante de la const | T. Day    | mber 1      | 4         |
| Scarlet Fever            | M      | 3       | -                  | £ -03     | -  | 36 -36    |             | 18301     |
| Cerebro-spinal           | F<br>M | To Page |                    | MO COU    | riod ou  | t divin   | g tag fi    | rate tall |
| Meningitis               | F      | 800 d   | DAYU               | President | re little  | traff of  | at labor    | actory    |
| Typhoid and              | M      | 6 5,10  | 700                | 105-011   | The V  | BET GARA  | duses       | of the    |
| Paratyphoid              | F      |         |                    | h are c   | Dulinin  | 60 mg     | at the      | DE LA     |
| Poliomyelitis            | M      | THEFT   | FIFE               | Ha L      | GALLINS  | A MUI     | NISAT       | OWIVI     |
| z ozom j ozom            | F      | SON     | ALS                | r um      | -  | _         | _           | _         |
| Dysentry                 | M      | _       | _                  | -         | 1  | _         | -           | 1         |
| lessonere reconstitution | F      | _       | -                  | -         | _  | -         | _           | -         |
| Food Poisoning           | M      | -       | -                  | -         | _  | 824-77    | 91          | -         |
|                          | F      | -       | -                  | _         | -  | -         | -           | -         |
| Encephalitis             | M      | -       | -                  | -         | -  |           | 4           | -         |
| ACT COLLEGE TO BE SEE    | F      | 20 100  | -                  | et To     | 1570   | Harvis,   | -           | 1000      |
| Phemonia                 | M      | -       | -                  | 78-50     | DOLLAR   | Water     | I hearns    | 11000     |
| Empirales                | F      | -       | 11                 | 7         | 2700   | concei    | ned, Illi   | -         |
| Erysipelas               | M<br>F |         | P. TOPO            | torsal    | e stib   | e lends   | may to      |           |
| Abortus Fever            | r<br>M | TOP IN  | 1                  | AU WIN    | TO FORE  | paper     | work ti     | INT PAR   |
| Abortus rever            | F      | TO THE  | THE REAL PROPERTY. | Met and   | 930 30   | 1000      | of The said | as and    |
|                          | -      |         | VETT-              | 107 BO    | SINCE  | THE SELLS | The 10      | C Trials  |

## TUBERCULOSIS

| Notified: | Pulmonary | M | 1 | F | 0 | Non-Pulmonary | M | 1 | F | 0 |
|-----------|-----------|---|---|---|---|---------------|---|---|---|---|
| Deaths:   | Pulmonary | M | 1 | F | 0 |               |   |   |   |   |

## VACCINATION AGAINST SMALL POX

### Numbers Vaccinated

| Age Groups    | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 196 | 1 1962 | 1963 | 1964 | 1965 |
|---------------|------|------|------|------|------|------|------|-----|--------|------|------|------|
| Under 1 year  | 25   | 22   | 47   | 44   | 46   | 37   | 60   | 50  | 40     | 4    | 1    | 1//  |
| 1— 4 years    |      |      | 35   | 12   | 6    | 18   | 13   | 40  | 158    | 7    | 31   | 31   |
| 5—14 years    |      |      |      |      | 5    | 9    | 0    | 8   | 667    | 3    | 1    | 1    |
| 15 years plus |      | 3    | 12   | 28   | 14   | 8    | 2    | 4   | 1453   | 1    | 2310 | -    |
| Total         | 36   | 36   | 95   | 90   | 71   | 72   | 75   | 102 | 2318   | 15   | 33   | 35   |

### IMMUNISATION AGAINST DIPHTHERIA, WHOOPING COUGH AND TETANUS

### Numbers Immunised

| Age<br>Groups    | 1956  | 1957 | 1958 | 1959 | 1960             | 1961      | 1962   | 1963   | 1964   | 1965                            |
|------------------|-------|------|------|------|------------------|-----------|--------|--------|--------|---------------------------------|
| Under<br>5 years | 141   | 77   |      |      |                  | 114 Whc   | 80 Whc | 84 Who | 88 Whc | 119 Dip.<br>118 Whc<br>107 Tet. |
| 5–14 yrs         | s. 58 | 5    | 205  |      | 48 Dip.<br>4 Whc | 1 Whc     | 0 Who  |        | 4 Whc  | 13 Dip.<br>10 Whc<br>19 Tet.    |
| Total            | s 199 | 82   | 317  |      |                  | c 115 Who | 80 Whc | 84 Whc | 92 Whc | 132 Dip.<br>125 Whc<br>126 Tet. |

In addition to the above, 133 children were given "Booster" diphtheria prophylatic injections 103, "Booster" Whooping Cough injections and 126 "Booster" Tetanus injections.

Yours faithfully,

S. M. JAMES, B.Sc., M.B., B.Ch., D.P.H.

Medical Officer of Health.

### ABERGAVENNY RURAL DISTRICT COUNCIL

REPORT OF THE PUBLIC HEALTH INSPECTOR

To the Chairman & Members of the Abergavenny Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I would like to submit my Annual Report on the work carried out by this department during the year ended 31st December. 1565.

The work I am reporting on was carried out during the first full year of my appointment and I have pleasure in stating that satisfactory progress was made during the year in all the various duties of the department, detailed reports of which are contained under the various headings included in this report.

Despite the different trends in public health, the change of accent on duties, and the sophistication of the appointment, the Public Health Inspector remains an "Inspector" and by implication must spend the bulk of his time out and about the district inspecting in one way or another. It would be impossible for him to have the necessary influence on the environmental health of a population of 9,000 spread over an area of 62,000 acres if he never left his office. It follows, I would think, that the efficiency of his department is proportionate to the amount of time spent by him on the district. I am naturally concerned, therefore, as indeed most Public Health Inspectors are at the tendancy to become chair bound due to the ever increasing amount of paperwork that has to be dealt with. If full advantage is to be taken of the training and ability of the Public Health Officer, then his activities in the field must be backed up by a sufficient and efficient office administration. If this is not done, he will shuffle about in inefficiency and professional disatisfaction.

In conclusion, I would like to thank the Chairman and Members of the Council for their confidence and support and also the Clerk and other colleagues for their valuable help and assistance.

I am,

Yours Respectfully, T. GREGORY,

Public Health Inspector.

## ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

Licences, containing conditions, were issued in respect of two premises and these are found generally to be satisfactory. In total 50 dogs and 3 cats are catered for.

### CARAVAN SITES

27 site licences were issued in conjunction with temporary planning consents in respect of residential caravan sites, containing one caravan. A further four sites are permanently licenced for six months of the year for holiday caravans. These sites contain 4, 5, 15 and 25 caravans respectively.

The site at Llangattock House is licensed for five holiday caravans by the Caravan Club.

Conditions generally on these licensed sites are good.

## FACTORIES ACT, 1961

A total of 18 premises were registered as factories during the year, plus 10 building sites and works of engineering construction which ranked as factories. In all cases these were factories in which only Section 7 of the Act is enforced by the Local Authority.

### ACTION TAKEN.

No written notices were served in respect of defective or insufficient sanitary conveniences, but in 3 cases defective sanitary conveniences were remedied as a result of informal action, and in 2 cases sanitary conveniences were made to be provided on building sites.

### OUTWORKERS.

14 persons were notified as outworkers, these being engaged in knitted woollens and dressmaking.

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

## 1. Inspections for purposes of provisions as to health.

| office administration. If this  | Number                | in inoughl              | Number of                 | bedeed ad                      |
|---|-----------------------|-------------------------|---------------------------|--------------------------------|
| Premises (1)  | on<br>Register<br>(2) | Insp-<br>ections<br>(3) | Written<br>Notices<br>(4) | Occupiers<br>prosecuted<br>(5) |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities                            | nil                   | nil                     | nil                       | nil                            |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority                            | 18                    | 14                      | nil                       | nil                            |
| (iii) Other Premises in which<br>Section 7 is enforced by the<br>Local Authority (excluding<br>out-works' premises) | 12                    | 10                      | nil                       | nil                            |
| Total   | 30                    | 24                      | nil                       | nil                            |

## 2. Cases in which Defects were found.

| First Impairs Cove  | Number       | of cases in wh | ich defects w               | ere found                   | Number of                                 |  |
|---|--------------|----------------|-----------------------------|-----------------------------|---|--|
| No legal action   | Remites      |                | Refe                        | erred                       | cases in which                            |  |
| Particulars (1)   | Found (2)    | Remedied (3)   | To H.M.<br>Inspector<br>(4) | By H.M.<br>Inspector<br>(5) | prosecutions<br>were<br>instituted<br>(6) |  |
| Want of cleanliness (S. 1)  | nil          | nil            | nil                         | nil                         | nil                                       |  |
| Overcrowding (S. 2)   | nil          | nil            | nil                         | nil                         | nil                                       |  |
| Unreasonable<br>temperature (S. 3)  | nil          | nil            | nil                         | nil                         | nil                                       |  |
| Inadequate ventilation (S. 4)   | nil          | nil            | nil                         | nil                         | nil                                       |  |
| Ineffective drainage of floors (S. 6)                                       | nil          | nil            | nil                         | nil                         | nil                                       |  |
| Sanitary Conveniences (S. 7)  | brenchel rea | labored to t   | be the for                  | to memite                   | Control of                                |  |
| (a) Insufficient  | 2            | 2              | nil                         | nil                         | nil                                       |  |
| (b) Unsuitable or defective   | 3            | 3              | nil                         | nil                         | nil                                       |  |
| (c) Not separate for sexes  | nil          | nil            | nil                         | nil                         | nil                                       |  |
| Other offences against the Act (not including offences relating to Outwork) | nil          | nil            | nil                         | nil                         | nil                                       |  |
| Total   | 5            | 5              | ni                          | nil                         | nil                                       |  |

# PART VIII OF THE ACT Outwork (Sections 133 and 134)

|                    |                         | Se  | ection 133  |  | Section 134   |                          |                          |  |
|--------------------|-------------------------|---|---|--|---|--------------------------|--------------------------|--|
| Natur              | re of Work              | No. of<br>out workers<br>in August<br>list required<br>by Section<br>133 (1) (c)<br>(2) | No. of cases of default in sending lists to the council (3) | No, of prose-cutions for failure to supply lists (4) | No of instances of work in unwholesome premises (5) | Notices<br>served<br>(6) | Prose-<br>cutions<br>(7) |  |
| 1                  | Making,                 | 14  | nil   | nil  | nil   | nil                      | nil                      |  |
| Wearing<br>apparel | etc.<br>cleaning<br>and | nil   | nil   | nil  | nil   | nil                      | nil                      |  |
| )                  | Washing                 | nil   | nil   | nil  | nil   | nil                      | nil                      |  |

## FOOD AND DRUGS ACT, 1955

UNSOUND FOOD.

No unfit food was condemned during the year and no unsound food was voluntarily surrendered.

Four complaints, one each in respect of a piece of cloth in a loaf of bread, and a mouldy loaf of bread, and two in respect of dirty milk bottles were received during the year. Warnings were given in lieu of legal proceedings in three cases, and in the fourth case, a dirty milk bottle, a successful prosecution was taken by the authority in whose area the milk was bottled.

FOOD HYGIENE.

Visits of Inspection:

| onty Section 7 of the | No. of<br>Premises | No. of<br>Visits | No. of warnings<br>verbal & written |                  |
|-----------------------|--------------------|------------------|-------------------------------------|------------------|
| Grocers               | 28                 | 46               | 34                                  | 52               |
| Other Food Premises   | 3                  | 5                | 1                                   | 3                |
| Ice-Cream Premises    | 34                 | 58               | E PERSONAL                          | DHILDER Below    |
| Cafes                 | 2                  | 7                | 2                                   | 20               |
| Street Vendors        | 12                 | 30               | 9                                   | 34               |
| Licensed Clubs        | 3                  | 2                | A Sur Sanda per                     | offences against |
| Licensed Premises     | 34                 | 61               | 42                                  | 225              |
| lia lia               | 116                | 209              | 88                                  | 334              |

| AEL POITSES A STA   | Premises fitted to comply with Reg. 16 wash hand basins, etc. | Premises to which<br>Reg. 19 applies<br>(sinks, etc.) | Premises fitted to<br>comply with<br>Reg. 19<br>(Sinks, etc.) |  |  |
|---------------------|---|---|---|--|--|
| Grocers             | 28  | 28  | 28  |  |  |
| Ice-Cream Premises  | 34  | nil   | nil   |  |  |
| Cafes               | 2   | 2   | 2   |  |  |
| Licensed Clubs      | 1   | 2   | 2   |  |  |
| Licensed Premises   | 19  | 34  | 34  |  |  |
| Other Food Premises | 3   | 3   | 3   |  |  |

Food Hygiene (continued)

No legal action was taken during the year in respect of infringements of the Hygiene Regulations. Most of the warnings given in respect of grocers premises concerned minor infringements. In the case of licensed premises the large number of warnings given, result in part from warnings being given to both the brewery companies and the tenants.

The unsatisfactory state of affairs connected with the provision of wash hand basin facilities in licensed premises results from past policy of accepting as suitable, arrangements which are really unsuitable, re: cases where the only available wash hand basin is sited in the bathroom which is not conveniently accessible to the bar. Action is now being taken in the appropriate cases.

ICE-CREAM (Heat Treatment) REGULATIONS 1947 AND 1952.

There are no premises registered in the area for the manufacture of ice-cream. The 34 registered premises sell pre-packed ice-cream. Two of the street traders sell loose ice-cream, which is manufactured outside the district, and one street trader sells soft ice-cream frozen on the vehicle. No samples were submitted for bacteriological or chemical analysis.

THE MILK AND DAIRIES (General) REGULATIONS, 1959.

There is only one producer/distributor in the area and his dairy is controlled by the Ministry of Agriculture, Fisheries and Food.

No milk samples were submitted for bacteriological or chemical analysis during the year.

### HOUSING

| I.  | (1) (a)  | on of Dwelling Houses.  Total number of houses inspected for housing defects (Public Health Act and Housing Act)  Number of inspections made for the purpose | 143<br>215 |
|-----|----------|--|------------|
|     | (2)      | Number of dwellings found to be in a state so dangerous or injurious to health as to be unfit for human habitation   | 5          |
| 11. | Action u | ander the Statutory Powers Proceedings taken under Sections 9 to 16,   |            |

13

(a) Number of houses in respect of which notices

Housing Act, 1957

### Housing (continued) were served requiring repairs NIL. Number of unfit houses made fit as a result of informal action NIL Number of Closing Orders made (c) 1 Number of Demolition Orders made (d) NIL Number of unfit houses demolished NIL (e) Number of unfit houses on which undertakings (f) were accepted Number of unfit houses subject to change of use... 9 IMPROVEMENT GRANTS. Standard Grants: (a) Number of applications received during the year ... 17 Number of applications approved during the year . . 16 Number of applications withdrawn during the NIL vear Expenditure ranking for grants approved (d) during the year £3,240 (e) Number of cases in which work was completed 11 (f) Expenditure paid out on work completed during the year £1,556 18 (2) Discretionary Grants: (a) Number of applications received during the year 8 Number of applications approved during the (b) 8 year Number of applications withdrawn during the (c) NIL year (d) Expenditure ranking for grants approved during £3,200 0 the year Number of cases where work was completed during the year 2

It is often necessary to meet owners and builders to discuss proposals in respect of which, because of various difficulties involved, no formal application is ever submitted.

the year

Expenditure aid out on work completed during

£751 0

Although the interest shown in grant aid for works of improvement is steady over the years, it is nevertheless relatively slow. There would appear to be large scope for improvement in the cottage type of property of which there is so much in this district. More effective forms of propaganda and publicity could be considered in order to stimulate interest in improvement work, also the creation of "improvement areas" for which purpose surveys are at present being carried out, but the limiting factor on the amount of improvement actually carried out, is the capacity and efficiency of the local building industry. Could it cope with a sudden demand for works of alteration and improvement? The recent ease of a grant being finalised three years after the work was given out is not unusual.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

| Class of Premises Offices                                | Number of Premises        |                                       |       |   |  |  |  |
|--|---------------------------|---------------------------------------|-------|---|--|--|--|
|  | Registered<br>during year | Total<br>Registered at<br>end of year |       | Receiving a<br>general<br>Inspection<br>during the year |  |  |  |
|  | 101,00                    | 2                                     |       | 2   |  |  |  |
| Retail Shops   |                           | 5                                     |       | 5   |  |  |  |
| Wholesale Shops and<br>Warehouses                        | No. 17255                 | 1                                     |       | 1   |  |  |  |
| Catering Establishments open<br>to the Public & Canteens | 2                         | 9                                     |       | 9   |  |  |  |
| Fuel Storage Depots                                      | Rankolis                  |                                       |       |   |  |  |  |
| Total Number of Visits to Re                             | distand Pramises          |                                       | nds n | 31  |  |  |  |

No great difficulties have been experienced in implementing this new Act and co-operation from the owners concerned has been good.

## PUBLIC HEALTH ACT, 1936

Most of the activities of this department covered by the Public Health Act, 1936, have sufficient content to be dealt with in detail under separate headings and indeed follow in this report.

### Nuisances.

Very few complaints were received during the year involving Statutory Nuisances, and these were settled without resorting to formal action.

## RODENT CONTROL AND OTHER DISINFESTATION

This work, in respect of Council property and dwelling houses, is carried out by a Private Contractor under contract, but in order to give a more complete picture of rodent control work in the district, I have included a summary of the contractor's work in connection with business and agricultural premises.

|  | 0 3 10 3 10 2 Line   | Туре   | of Propert  | y De Delta                  | etaallyee                          |  |  |
|--|--|--|---|-----------------------------|------------------------------------|--|--|
|  | i destrola   | Non-Agricultural                             |   |                             |                                    |  |  |
| ISES DACT, (1963   | (1) Local Authority  | (2) Dwelling Houses including Council Houses | (3)<br>All other<br>including<br>Business<br>Premises | (4) Total of Cols. 1, 2 & 3 | (5)<br>Agri-<br>cultural           |  |  |
| <ol> <li>No. of properties in<br/>Local Authority's<br/>district</li> </ol>                        | 17   | 2170   | 319   | 2506                        | 540                                |  |  |
| 2. No. of properties inspected as a result of notification   | To here paid   | 101  | 2   | 103                         | assille<br>assille                 |  |  |
| No. of such properties found to be infested by :—  Common Rat Major Minor                          | of Great   | 89   | 2   | 91                          | etail Shop<br>Vholesale<br>Warehou |  |  |
| House Mouse Major  | 16   | 2  | 4095  | Ac & Cent                   | to the Pu                          |  |  |
| Minor  |  | 5  | The state of  | 5                           | fortouil Fac                       |  |  |
| 3. No. of Properties inspected in the course of survey under the Act                               | 17   | 314  | asigo S. oz a   | 331                         | 165                                |  |  |
| No. of such proper-<br>ties found to be<br>infested by :—<br>Common Rat Major                      | perienced i  | ve been ex                                   | culties has   | illo teem<br>equo te        | on<br>Sign w                       |  |  |
| Minor  | 17   | 158  | Malelu  | 175                         | 166                                |  |  |
| House Mouse Major<br>Minor   | and the same of th | 8  | bas soni  | 8                           | 16                                 |  |  |
| 4. Total No. of properties otherwise inspected (e.g. when visited primarily for som other purpose) | paints be  | 70   | 117   | 187                         | 29                                 |  |  |

## Rodent Control and Other Disinfestation (continued)

| No, of such properties found to be infested by :— Common Rat Major Minor  House Mouse Major Minor                 | of the Putting which is forthight the school of the colon | tot is covered be control  side control  architecture | 3  | and lo land and and and and and and and and and | scheme, v<br>The urbar<br>outlying<br>uncinnge |
|---|--|---|--|---|--|
| 5. Total inspections carried out including re- inspections (to be completed only if figures are readily available | 109  | 752   | 126  | 987   | 631  |
| 6. No. of infested Properties (in sections II, III and IV)  | 17   | 267   | ted to a residence of the second seco | ing connecting form                             | houses be<br>the erea,<br>sentic ter           |
| 7. Total No. of treat-<br>ments carried out<br>including re-<br>treatments  | 106  | 267   | 6  | 379   | 165  |

### TREATMENT OF RATS IN SEWERS

| District or System<br>Treated | Total No.<br>of<br>Districts | Total No.<br>of<br>Manholes | Manholes<br>Treated | No. of Manholes<br>showing Take of<br>bait |  |
|-------------------------------|------------------------------|-----------------------------|---------------------|--|--|
| All Systems                   | 14                           | 210                         | 64                  | 4  |  |

Although the spreading to or the development within this district of a strain of warfarin, resistant rats is always a real danger, I am happy to report that there is no evidence of warfarin resistant rats in this distrct. There persists, however, the need to be consantly watchful for any such evidence.

Rat activity in the sewers remains at a very low level.

### OTHER DISINFESTATION.

During the year a group of four houses were treated for cockroach infestation. The houses in the district remain substantially free from insect infestation.

### REFUSE COLLECTION AND DISPOSAL

Most of the rural district is covered by the Council's collection scheme, which is now under the control of the Public Health Inspector.

The collection is a kerbside one which is carried out weekly in the urbanised part of the district, and fortnightly to monthly in the outlying parts of the rural area. The scheme remained basically unchanged throughout the year although in the case of one village the frequency of the collection was increased from monthly to fortnightly.

The Council have their main refuse tip at Llanvihangel Crucorney and a second small tip was established this year in the Plough area. Disposal is by means of a semi-controlled system. Negotiations are proceeding for the aquisition of a large tip site in the Govilon area.

### SEWERAGE AND SEWAGE DISPOSAL

Most of the populated parts of the district are sewered, 1,227 houses being connected to a main sewer. The remaining properties in the area, being farms and isolated cottages and hamlets, are served by septic tanks, earth and chemical closets. It is estimated that there are upwards of 1,000 septic tanks in the area, including 430 receiving farm drainage. These figures are not likely to be substantially reduced in the future and represent a residual of properties which it is not possible to put on main drainage. Future action in this direction will be in the nature of protecting streams from pollution and improving the size, construction and means of drainage of the older types of tanks.

In the cases of Pandy, Llanddewi Rhydderch, Llanover, Llanarth, Bryn, Llanvair Kilgeddin, Great Oak and Mardy the means of disposal is through traditional sewage disposal works. On small Council housing sites septic tanks and tipper filters are used.

Govilon is connected to the sewage works owned by and situated within the area of the Crickhowell Rural District Council. Llanfoist is connected to the Abergavenny Borough sewage works.

Sludge removal and disposal from the sewage works is by tanker vehicle under private contract arrangements.

Two men are now employed full-time on the maintenance of the sewage works, and a vehicle for the use of the maintenance staff has been purchased.

This year saw the coming into operation of the Great Oak sewage disposal works, designed to serve 29 houses. Work on the sewerage and sewage disposal schemes at Grosmont and Llanellen is under way and this should be completed during the coming year. A further scheme for the improvements of the sewerage and disposal systems at Llanover is being prepared and consideration is being given to providing new sewerage scheme for Brynygwenin, in the Llantilio Pertholey parish and to extending the Pandy sewer to Llanvihangel Crucorney.

## DETAILS OF HOUSES CONNECTED TO A MAIN SEWER

| PARISH              | WARD  | No. of<br>Houses                  | No. of<br>Houses<br>con-<br>nected<br>to a<br>main<br>sewer | January 1964,<br>schunical defect,<br>Indianal defect,  |
|---------------------|---|-----------------------------------|---|---|
| Abergavenny Rural   | ree of supply in a  | 70                                | 8   | from these three s  |
| Llanddewi Skirrid   | sees adopted white  | 34                                | oped m  | Il pready reduce  |
| Crucorney Fawr      | Llanvihangel Crucorney Oldcastle Bwlch Trewyn Lower Cwmyoy Upper Cwmyoy Fwthog                              | 202<br>9<br>24<br>45<br>34<br>12  | 51  | Main sewer extension proposed   |
| Llantilio Pertholey | Mardy<br>Fforest<br>Llwynu  | 414<br>47<br>116                  | 300*<br>116   | Proposed being<br>considered for a new<br>sewerage scheme<br>at Brynygwenin                             |
| Llanarth Fawr       | Llanarth<br>Clytha<br>Bryngwyn<br>Llanvapley<br>Bettws Newydd   | 63<br>65<br>75<br>41<br>22        | 24<br>19<br>8   | New sewage disposal works at Great Oak. Consideration has been given to enlarging the Llanvapley works. |
| Llanover Fawr       | Llanover Llanvihangel- nigh-Usk Llangattock- nigh-Usk Llansantffraed Llanvair Kilgeddin Llanddewi Rhydderch | 119<br>38<br>104<br>2<br>81<br>93 | 75<br>39<br>15<br>17  | Proposals well<br>advanced for<br>enlarging the<br>Llanover Works.                                      |
| Llanfoist Fawr      | Llanfoist<br>Llanellen<br>Llanwenarth Citra<br>Llanwenarth Ultra<br>Pwlldu                                  | 241<br>103<br>86<br>364<br>2      | 200*<br>24<br>8<br>300*                                     | Enlarged scheme<br>under construction<br>at Llanellen.  |
| Grosmont Fawr       | Grosmont Llangua Llangattock Lingoed Llanvetherine  | 135<br>23<br>36<br>37             | 11  | Enlarged scheme<br>under construction<br>at Grosmont.   |
| of snow. The        | for the melting   | 2736                              | 1227  | bon May spott and   |

<sup>\*</sup> Approximate figures

## SLAUGHTER HOUSES

There are no licensed slaughter houses in the Rural District. One licensed slaughterman resides within the area.

### WATER SUPPLIES

The Council's own supplies for the Rural District are at Llanover, Tyn-y-wern and Grosmont; a large proportion of the district is supplied from these three sources. The source of supply in all cases is a spring and the water is chlorinated but not filtered before being distributed.

The chlorinating apparatus at Llanover and Tyn-y-wern is of the chlorine gas type, manually controlled and at Grosmont a liquid chlorine drip feed is used. The chlorine dose is set in conjunction with a residual chlorine test which in the case of Llanover and Tyn-y-wern is carried out daily and at Grosmont three times per week.

The supply to the Govilon area is supplemented by water from the Abertillery and District Water Board and the Newport and South Monmouthshire Water Board; the latter board also supplements the Llanover supply and the Abertillery and District Water Board supply water to the Fforest area. The supply to the Llwynu housing estate is from the Abergavenny Borough mains.

The new main to Pen-y-val, from the Newport and South Monmouthshire Water Board main at Llanellen, was installed this year and a scheme to continue this main through to the Rural District of Monmouth is awaiting Ministry approval. This new main will serve rural areas at present without a main supply.

During the year the following samples were taken for bacteriological examination:—

| Source          | Raw '        | Water         | Treated Water |                |  |
|-----------------|--------------|---------------|---------------|----------------|--|
|                 | Satisfactory | Unsatisfact'y | Satisfactory  | Unsatisfactory |  |
| Water Supplies  | 0            | 0             | 48            | 15             |  |
| Wells & Springs | 8            | 16            | 0             | 0              |  |

There is a marked seasonal variation in the bacteriological quality of the water from the springs used for the Councils main supplies. This has been demonstrated during periods of heavy rain, especially after a dry spell, and during and after the melting of snow. The Water Supplies (continued)

unsatisfactory samples listed above were taken during such periods. On three occasions the chlorine dose had not been sufficiently increased in time. On the last occasion, which concerned 12 of the unsatisfactory samples and which continued from December 1965 to January 1966, the Llanover chlorinating apparatus failed, due to a mechanical defect, to give the large increase in dose necessary. This apparatus was finally supplimented with a liquid chlorine drip until the repairs were effected.

As a result of a thorough investigation into these incidents, measures have now been adopted which it is hoped will greatly reduce the chances of further trouble from the same sources.

## Water Supplies (continued)

| .sporter            | DE STATE OF THE ST | BUILT IS   | need too bell seed   | 9015018                          | o ed s                             | Wate                        | r Supp<br>Water               | ly by Pu       | blic |
|---------------------|--|------------|--|----------------------------------|------------------------------------|-----------------------------|-------------------------------|----------------|------|
| PARISH              | No. of<br>Houses   |            | No. of<br>Houses   | Pop.                             | Direct to<br>Houses                |                             | By means<br>stand pipe        |                |      |
| Tooled, T           | 2 2 E E E E  |            | ne drip until the  |                                  | apil a                             | Nc. of<br>Houses            | Pop.                          | No.<br>Het     | P    |
| Abergavenny Rural   | 70   | 1268       | hillowestigational   | 70                               | 1268                               | 29                          | 1120                          | New ma         |      |
| Llanddewi Skirrid   | 34   | 100        | or without it is no po   | 34                               | 100                                | 12                          | 36                            | andt           |      |
| Crucorney Fawr      | 328  | 848        | Llanvihangel Oldcastle Bwlch Trewyn Lower Cwmyoy Upper Cwmyoy Fwthog       | 202<br>9<br>24<br>45<br>34<br>12 | 525<br>23<br>63<br>117<br>89<br>31 | 129                         | 335                           | Se<br>la<br>la |      |
| Llantilio Pertholey | 577  | 1835       | Mardy<br>Fforest<br>Llwynu   | 414<br>47<br>116                 | 1317<br>149<br>369                 | 414<br>7<br>116             | 1317<br>23<br>369             | 3              |      |
| Llanarth Fawr       | 265  | 825        | Llanarth<br>Clytha<br>Bryngwyn<br>Llanvapley<br>Bettws Newydd              | 63<br>64<br>75<br>41<br>22       | 195<br>202<br>233<br>127<br>68     | 49<br>42<br>53<br>30<br>16  | 152<br>130<br>164<br>93<br>50 | 1              |      |
| Llanover Fawr       | 437  | 1281       | Llanover Llanvihangel- nigh-Usk Llangattock- nigh-Usk Llansantffraed       | 119<br>38<br>104<br>2            | 350<br>110<br>305<br>6             | 103<br>32<br>88<br>2        | 299<br>93<br>255<br>6         |                |      |
|                     | ampati   | THE STREET | Llanvair Kilgeddin<br>Llanddewi<br>Rhydderch                               | 93                               | 238                                | 67<br>78                    | 195<br>226                    |                |      |
| Llanfoist Fawr      | 796  | 2323       | Llanfoist<br>Llanellen<br>Llanwenarth Citra<br>Llanwenarth Ultra<br>Pwlldu | 241<br>103<br>86<br>364<br>2     | 704<br>300<br>249<br>1062<br>8     | 218<br>74<br>69<br>320<br>2 | 632<br>215<br>210<br>928<br>8 | 1 3            |      |
| Grosmont Fawr       | 231  | 680        | Grosmont Llangua Llangatrock Lingoed Llanvetherine                         | 135<br>23<br>36<br>37            | 397<br>68<br>106<br>109            | 73                          | 219                           |                |      |
| Totals              | 2736   | 9160       |  | 2736                             | 9160                               | 20547                       | 164                           | 8              |      |
|                     |  | -          |  | -                                | _                                  |                             |                               | -              | -    |



|  |  |  |  | My poolen<br>sound pipe |  |
|--|--|--|--|-------------------------|--|
|  |  |  |  |                         |  |
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