

[Report 1939] / Medical Officer of Health, Ebbw Vale U.D.C.

Contributors

Ebbw Vale Urban District Council.

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1939

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With the Medical Officer of Health

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EBBW VALE URBAN DISTRICT COUNCIL.

REPORT

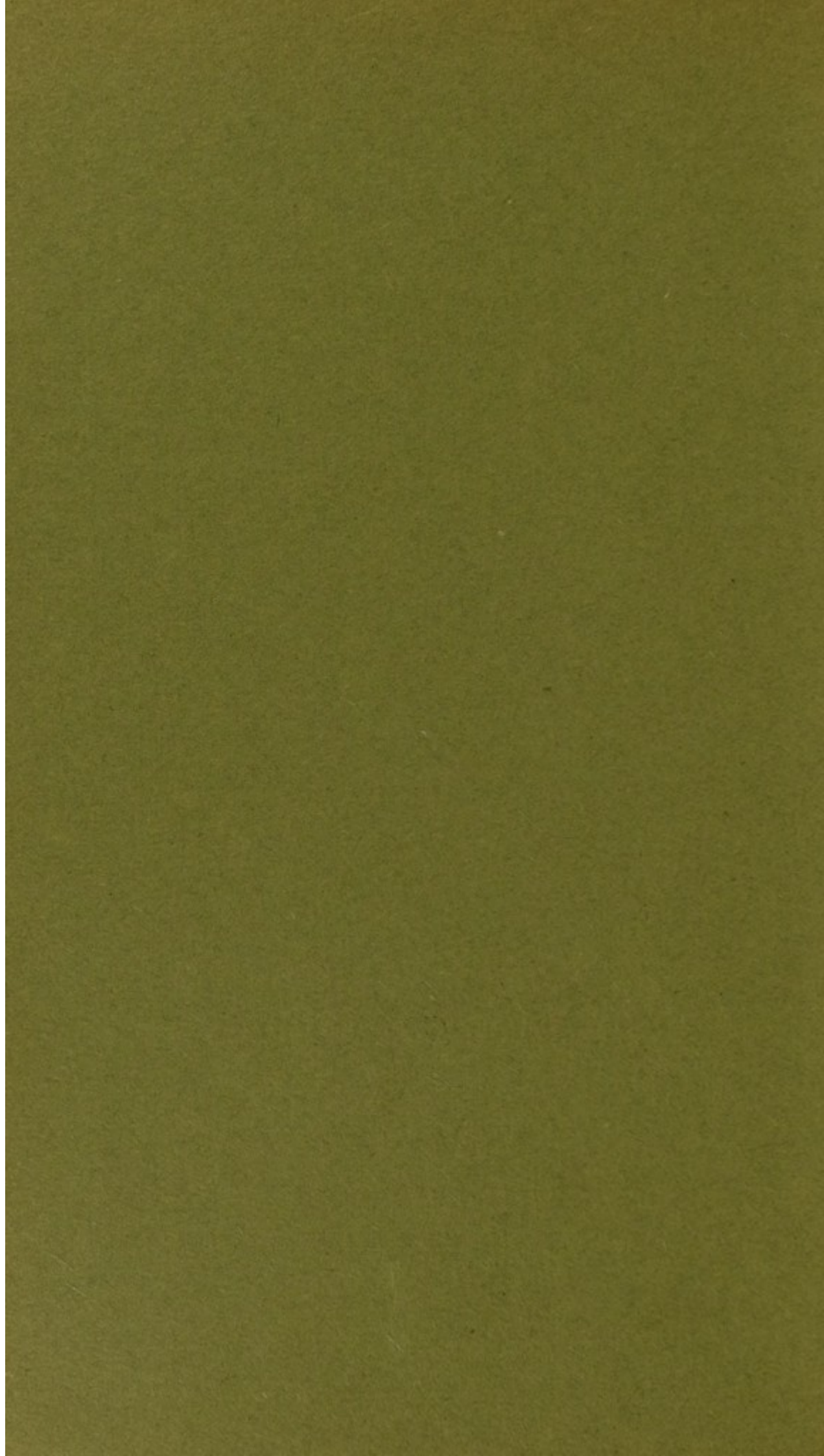
OF THE

Medical Officer of Health

AND

School Medical Officer

FOR THE YEAR 1939.





EBBW VALE URBAN DISTRICT COUNCIL.

REPORT

OF THE

Medical Officer of Health

AND

School Medical Officer

FOR THE YEAR 1939.

Ebbw Vale Urban District Council.

| | | | | |
|--|-----|-----|-----|------------------------------|
| Rateable Value | ... | ... | ... | £98,823 |
| Area of District | ... | ... | ... | 6,817 acres |
| Population (Census) 1931 | ... | ... | ... | 31,695 |
| Population (Estimated) 1939 | ... | ... | ... | 29,910 |
| Population (Estimated) 1938 | ... | ... | .. | 29,750 |
| Population (Estimated) for Birth & Death Rate... | | | | Birth 29,730 Death 29,910 |
| Birth Rate per 1,000 inhabitants | ... | ... | ... | 18'40 |
| Birth Rate per 1,000 inhabitants, 1938 | ... | ... | ... | 19'53 |
| Number of Living Births | ... | ... | ... | 547 |
| Illegitimate Births | ... | ... | ... | 12 |
| Death Rate per 1,000 inhabitants | ... | ... | ... | 12'50 |
| Number of Deaths | ... | ... | ... | 374 |
| Zymotic Death Rate | ... | ... | ... | 0'201 |
| Infant Death Rate per 1,000 Births | ... | ... | ... | 54'05 |
| Infant Death Rate per 1,000 Births, 1938 | ... | ... | ... | 55'08 |
| Phthisis Death Rate per 1,000 inhabitants | ... | ... | ... | 1'003 |

EBBW VALE URBAN DISTRICT COUNCIL.

Chairman - - Councillor E. Harries, J.P.
 Vice-Chairman - - Councillor H. Sewell.

MEMBERS OF THE COUNCIL.

| | |
|-------------------------|-------------------------------|
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| " J. Cool | " T. Jones |
| " C. G. Davies, J.P. | " E. Lewis |
| " W. Darby | " J. Norton |
| " A. Davies | " T. Nicholas |
| " Alfred Davies | " J. O'Sullivan |
| " T. Edwards | " T. Thomas, M.B.E. |
| " D. Evans, J.P. | " D. Warren |
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Clerk to the Council - - W. A. JONES, ESQ.
 Deputy Clerk to the Council - MR. R. E. HERBERT.
 Chief Financial Officer - - MR. W. HICKS, A.I.M.T.A., A.S.A.A.
 Surveyor and Water Engineer - MR. P. I. DAVIES.

HEALTH COMMITTEE.

Chairman - - Councillor T. NICHOLAS.

Medical Officer of Health—

F. M. FONSECA, F.R.C.S.I., D.P.H.

Chief Sanitary Inspector—

DAVID DAVIES, C.R.S.I, M. & O.F.I., M.S.I.A.

Assistant Sanitary Inspectors—

E. T. HALL, CERT.S.I.B., M. & O.F.I., M.S.I.A.

A. STOKES, CERT.S.I.B., M. & O.F.I., M.S.I.A.

Clerks to the M.O.H.—

MISS G. G. OWEN.

MR. T. S. BOWEN.

**Annual Report of the Medical Officer
of Health to the Ebbw Vale Urban
District Council for the Year 1939.**

*To the Chairman and Members of the
Ebbw Vale Urban District Council.*

Madam and Gentlemen,

I have the honour of submitting to you my Report for the year 1939. It is made in accordance with the Memorandum of the Ministry of Health.

The area of the Ebbw Vale Urban District is 6,817 acres, with an estimated population of 29,910.

The population given by the Registrar-General for 1939 for calculating Birth and Death Rate is 29,730 and 29,910 respectively.

These returns of Births and Deaths as submitted will be used for calculating purposes. The figures do not quite correspond with those of the weekly returns of the Local Registrar.

Births.

There were during 1939, 509 births registered, of which 269 were males and 240 females; 3 males and 6 females being illegitimate. The returns as submitted by the Registrar-General were 289 males and 258 females; 6 males and 6 females being illegitimate making a total of 547, or 38 more than the local returns.

The general birth rate per 1,000 inhabitants is 18.40 as against 19.53 for 1938 and 15.0 for England and Wales. In 1939, the male birth rate was 9.72, the female being 8.68 per thousand, while in 1938 these birth rates were 10.96 and 8.57 respectively.

TABLE I.

| Year | Population | No. of Births | Birth Rate | England and Wales |
|------|------------|---------------|------------|-------------------|
| 1937 | 29,850 | 521 | 17'45 | 14'9 |
| 1938 | 29,750 | 581 | 19'53 | 15'1 |
| 1939 | 29,910 | 547 | 18'40 | 15'0 |

Number of Still-Borns.

| | Boys | Girls | Total |
|--------------|------|-------|-------|
| Legitimate | 12 | 18 | 30 |
| Illegitimate | 0 | 0 | 0 |
| | — | — | — |
| | 12 | 18 | 30 |
| | — | — | — |

Deaths.

The total number of deaths which occurred in the area as returned by the Registrar-General from All Causes was 374 ; of this number 226 being males and 148 females.

The weekly returns of deaths from the Local Registrar together with the transferable deaths returned by the County Medical Officer of Health shows the total number 378 ; 226 being males and 152 females.

The general rate per thousand of the population is 12'50; 7'55 being males and 4'95 females, while for England and Wales the annual death rate is 12'1.

TABLE II.

| Year | Population | No. of Deaths | Death Rate | England and Wales |
|------|------------|---------------|------------|-------------------|
| 1937 | 29,850 | 445 | 14'9 | 12'4 |
| 1938 | 29,750 | 377 | 12'67 | 11'6 |
| 1939 | 29,910 | 374 | 12'50 | 12'1 |

Causes of Death in Ebbw Vale Urban District, 1939.

| | | | M | F |
|----|-----------------------------------|-----|-----|-----|
| | All Causes ... | ... | 226 | 148 |
| 1 | Typhoid Fever, etc. | ... | 0 | 0 |
| 2 | Measles | ... | 0 | 3 |
| 3 | Scarlet Fever | ... | 0 | 0 |
| 4 | Whooping Cough... | ... | 1 | 0 |
| 5 | Diphtheria | ... | 1 | 0 |
| 6 | Influenza | ... | 7 | 2 |
| 7 | Encephalitis Lethargica | ... | 1 | 0 |
| 8 | Cerebro-spinal Fever | ... | 3 | 1 |
| 9 | Tuberculosis of Respiratory Sys. | .. | 12 | 15 |
| 10 | Other Tuberculosis | ... | 2 | 1 |
| 11 | Syphilis | .. | 2 | 0 |
| 12 | General Paralysis of Insane, etc. | ... | 0 | 1 |
| 13 | Cancer | ... | 27 | 12 |
| 14 | Diabetes | ... | 1 | 6 |
| 15 | Cerebral Hæmorrhæge | ... | 11 | 6 |
| 16 | Heart Disease | ... | 58 | 34 |
| 17 | Aneurysm | ... | 0 | 0 |
| 18 | Other Circulatory Disease | ... | 17 | 12 |
| 19 | Bronchitis | ... | 5 | 4 |
| 20 | Pneumonia (all forms) | ... | 20 | 16 |
| 21 | Other Respiratory Disease | ... | 2 | 1 |
| 22 | Peptic Ulcer | ... | 2 | 0 |
| 23 | Diarrhœa (under two years) | ... | 1 | 1 |
| | „ (two years and over) | ... | 0 | 1 |
| 24 | Appendicitis | ... | 2 | 0 |
| 25 | Cirrhosis of Liver... | ... | 0 | 0 |
| 26 | Other Liver Diseases | ... | 0 | 1 |
| 27 | Other Digestive Diseases | ... | 2 | 1 |
| 28 | Ac. and Chr. Nephritis | ... | 7 | 8 |
| 29 | Puerperal Sepsis | .. | 0 | 0 |
| 30 | Other Puerperal Diseases | ... | 0 | 2 |
| 31 | Con. Deb. Premature Birth, etc. | ... | 5 | 6 |
| 32 | Senility | ... | 10 | 3 |
| 33 | Suicide | ... | 1 | 0 |
| 34 | Other Violence | ... | 14 | 1 |
| 35 | Other Defined Diseases | ... | 11 | 10 |
| 36 | Ill Defined Causes | ... | 1 | 0 |

Resident Population

... a 29,730
b 29,910

Number of Cases of Infectious Diseases Notified.

| | | | | |
|-------------------|-----|-----|-----|-----|
| Smallpox | ... | ... | ... | 0 |
| Scarlet Fever | ... | ... | ... | 124 |
| Diphtheria | ... | ... | ... | 16 |
| Enteric Fever | ... | ... | ... | 1 |
| Pneumonia | ... | ... | ... | 95 |
| Puerperal Pyrexia | ... | ... | ... | 8 |
| Erysipelas | ... | .. | ... | 22 |

Live Births :

| | I.M. etc. | | B.R. | |
|--------------|-----------|-----|------|-----|
| | M | F | M | F |
| Total ... | 291 | 264 | 289 | 258 |
| Legitimate | 285 | 258 | 283 | 252 |
| Illegitimate | 6 | 6 | 6 | 6 |

Still Births :

| | | | | |
|--------------|-----|-----|----|----|
| Total ... | ... | ... | 13 | 14 |
| Legitimate | ... | ... | 13 | 14 |
| Illegitimate | ... | ... | 0 | 0 |

Deaths of Infants under 1 year of age :

| | | | | |
|--------------|-----|-----|----|----|
| Total ... | ... | ... | 15 | 15 |
| Legitimate | ... | ... | 14 | 15 |
| Illegitimate | ... | ... | 1 | 0 |

Comparability Factor ... 1'21

The Statistical rates of Births and Deaths for the County of Monmouth for the year 1939 are as follows :

| | | |
|---|-----|------|
| Live Birth Rate per 1,000 of population | ... | 15'9 |
| Still Birth Rate per 1,000 of population | ... | 0'85 |
| Death Rate per 1,000 of population | ... | 12'7 |
| Infantile Mortality Rate per 1,000 Births | ... | 6'12 |

Maternal Mortality Rates :

| | Puerperal Sepsis | Others | Total |
|------------------------|------------------|--------|-------|
| Per 1,000 Live Births | 0'20 | 2'85 | 3'06 |
| Per 1,000 Total Births | 0'19 | 2'71 | 2'90 |

Birth-rates, Death-rates, Analysis of Mortality Maternal Mortality and Case notes for cer- tain Infectious diseases in the Year 1939.

Provisional figures based on Weekly and Quarterly Returns.

| | England and Wales | 126 C.Bs. and Great Towns in- cluding London | 148 smaller Towns Resident Pop. 25,000—50,000 1931 Census | London Adminis- trative County |
|-----------------------------------|-------------------------|--|--|---|
| Rates per 1,000 Population | | | | |
| Births. | | | | |
| Live | 15·0 | 14·8 | 15·6 | 12·3 |
| Still | 0·59 | 0·59 | 0·57 | 0·44 |
| Deaths. | | | | |
| All Causes | 12·1 | 12·0 | 11·2 | 11·9 |
| Typhoid & Paratyphoid... | 0·00 | 0·00 | 00·0 | 0·00 |
| Small-pox | — | — | — | — |
| Measles | 0·01 | 0·01 | 0·01 | 0·00 |
| Scarlet Fever | 0·01 | 0·00 | 0·00 | 0·00 |
| Whooping Cough .. | 0·03 | 0·03 | 0·02 | 0·03 |
| Diphtheria | 0·05 | 0·05 | 0·04 | 0·02 |
| Influenza | 0·21 | 0·19 | 0·20 | 0·18 |
| Notifications. | | | | |
| Small-pox | 0·00 | — | — | — |
| Scarlet Fever | 1·89 | 1·96 | 1·78 | 1·53 |
| Diphtheria | 1·14 | 1·21 | 1·16 | 0·98 |
| Enteric | 0·04 | 0·03 | 0·04 | 0·03 |
| Erysipelas | 0·34 | 0·40 | 0·31 | 0·37 |
| Pneumonia | 1·02 | 1·21 | 0·89 | 0·99 |

| | England and Wales | 126 C.Bs. and Great Towns in- cluding London | 148 smaller Towns Resident Pop. 25,000—50,000 1931 Census | London Adminis- trative County |
|---|-------------------------|--|--|---|
| Rates per 1,000 Live Births | | | | |
| Deaths. | | | | |
| Deaths under 1 year of age | 50 | 53 | 40 | 48 |
| Deaths from Diarrhoea & Enteritis under 2 years of age | 4·6 | 4·6 | 3·0 | 8·2 |
| Maternal Mortality. | | | | |
| Puerperal Sepsis ... | 0·77 | } | Not available | |
| Others | 2·16 | | | |
| Total | 2·93 | | | |
| Rates per 1,000 Total Births (Live and Still) | | | | |
| Maternal Mortality. | | | | |
| Puerperal Sepsis ... | 0·74 | } | Not available | |
| Others | 2·08 | | | |
| Total | 2·82 | | | |
| Notifications. | | | | |
| Puerperal Fever ... | 14·35 | 17·26 | 12·99 | 3·31 |
| Puerperal Pyrexia ... | | | | 14·22 |

Causes of Death—Distribution of Wards.

| Diseases | Total | North Ward | Badminton Ward | North Central Ward | Central Ward | South Central Ward | South Ward |
|--|-------|------------|----------------|--------------------|--------------|--------------------|------------|
| 1 Typhoid and Para-typhoid Fevers ... | ... | ... | ... | ... | ... | ... | ... |
| 2 Measles ... | ... | ... | ... | ... | ... | ... | ... |
| 3 Scarlet Fever ... | ... | ... | ... | ... | ... | ... | ... |
| 4 Whooping Cough ... | ... | ... | ... | ... | ... | ... | ... |
| 5 Diphtheria ... | 1 | 1 | ... | ... | ... | ... | ... |
| 6 Influenza ... | 1 | 1 | ... | ... | ... | ... | ... |
| 7 Encephalitis Lethargica ... | ... | ... | ... | ... | ... | ... | ... |
| 8 Cerebro-Spinal Fever ... | 5 | 1 | 1 | 1 | 1 | ... | 1 |
| 9 Tuberculosis of Respiratory Organs ... | 26 | 5 | 1 | 6 | 2 | 7 | 5 |
| 10 Other Tuberculous Diseases ... | 3 | 1 | 1 | 1 | ... | ... | ... |
| 11 Syphilis ... | ... | ... | ... | ... | ... | ... | ... |
| 12 General Paralysis of the insane, tabes dorsalis ... | ... | ... | ... | ... | ... | ... | ... |
| 13 Cancer, Malignant Disease ... | 39 | 6 | 2 | 13 | 5 | 10 | 3 |
| 14 Diabetes ... | 7 | 2 | ... | 2 | ... | 1 | 2 |

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|
| 15 Cerebral Hæmorrhage, etc. | 28 | 6 | 2 | 8 | 4 | 5 | 3 |
| 16 Heart Disease ... | 74 | 16 | 2 | 17 | 9 | 18 | 12 |
| 17 Aneurysm ... | ... | ... | ... | ... | ... | ... | ... |
| 18 Other Circulatory Diseases | ... | ... | ... | ... | ... | ... | ... |
| 19 Bronchitis ... | 16 | 1 | ... | 3 | 5 | 4 | 3 |
| 20 Pneumonia (all forms) ... | 57 | 13 | 3 | 14 | 9 | 10 | 8 |
| 21 Other Respiratory Diseases | 2 | ... | ... | ... | 1 | 1 | ... |
| 22 Peptic Ulcer ... | ... | ... | ... | ... | ... | ... | ... |
| 23 Diarrhœa, etc. (under 2 yrs.) | ... | ... | ... | ... | ... | ... | ... |
| 24 Appendicitis ... | 2 | ... | ... | ... | ... | ... | 2 |
| 25 Cirrhosis of Liver ... | 1 | ... | ... | ... | ... | 1 | ... |
| 26 Other Diseases of Liver, etc. | ... | ... | ... | ... | ... | ... | ... |
| 27 Other Digestive Diseases ... | ... | ... | ... | ... | ... | ... | ... |
| 28 Acute and Chronic Nephritis | 19 | 2 | 1 | 5 | 3 | 4 | 4 |
| 29 Puerperal Sepsis ... | ... | ... | ... | ... | ... | ... | ... |
| 30 Other Puerperal Causes ... | 1 | 1 | ... | ... | ... | ... | ... |
| 31 Congenital Debility, Premature Birth, Malformation, etc. | 6 | 1 | 1 | 1 | 2 | ... | 1 |
| 32 Senility ... | 34 | 2 | 2 | 14 | 2 | 8 | 6 |
| 33 Suicide ... | 1 | ... | ... | ... | 1 | ... | ... |
| 34 Other Violence ... | 16 | 2 | 3 | 2 | ... | 2 | 7 |
| 35 Other Defined Diseases ... | 39 | 6 | 6 | 6 | 11 | 2 | 8 |
| 36 Causes ill-defined or unknown ... | ... | ... | ... | ... | ... | ... | ... |
| | 378 | 67 | 25 | 93 | 55 | 73 | 65 |

INFECTIOUS DISEASES.

There were 559 Notifications of the Statutory Notifiable Diseases, as against 380 in 1938, showing an increase of 179.

Zymotic Mortality.

Out of the 374 deaths from all Causes, there were 6 from the "Seven Principal Zymotic Diseases."

Small-pox, 0 ; Scarlet Fever, 0 ; Diphtheria and Membraneous Croup, 1 ; Enteric Fever, 0 ; Measles, 3 ; Whooping Cough, 1 ; and Diarrhœa and Enteritis, 1.

These six deaths correspond to an annual Zymotic Death Rate of 0'201 per thousand of population as compared with 0'202 for 1938.

Details as to the number of cases are given in the following table :—

TABLE VI.

Zymotic Diseases, 1939.

| Disease | Notified Cases | Deaths | Case Fatal- ity per cent. | Death Rate | England and Wales |
|---|-------------------|--------|------------------------------------|---------------|-------------------------|
| 1 Small-pox ... | ... | 0 | 0 | 0 | 0 |
| 2 Scarlet Fever | ... | 124 | 0 | 0 | 0'01 |
| 3 Diphtheria | ... | 16 | 1 | 6'25 | 0'03 |
| 4 Enteric Fever | ... | 1 | 0 | 0 | 0'00 |
| 5 Measles ... | ... | 115 | 3 | 2'61 | 0'10 |
| 6 Whooping Cough | ... | 91 | 1 | 1'09 | 0'03 |
| 7 Diarrhœa and Enteritis (under 2 years) ... | ... | 0 | 1 | 0'00 | 1'83 |
| Death Rate per 1000 Births | | | | 1'83 | 4'6 |
| Total number of Deaths | | | | ... | 6 |
| Death Rate per 1,000 | | | | ... | 0'201 |

The rate of attack of all Infectious Diseases was 18'69 per thousand of population, while in 1938 it was 12'77.

Scarlet Fever.

| | | 1939 | 1938 | 1937 |
|-----------------------------------|--------|------|------|------|
| Number of Cases Notified | ... | 124 | 191 | 225 |
| Number of Deaths | ... .. | 0 | 0 | 1 |
| Death Rate per 1,000 Ebbw Vale... | | 0'00 | 0'00 | 0'03 |
| England and Wales | ... .. | 0'01 | 0'01 | 0'01 |

124 cases of Scarlet Fever were Notified during the year, 67 less than in 1938.

Of the 124 cases notified, two occurred in children under one year ; 48 in children from one to five years ; and 66 in children from five to 15 years.

26 occurred in the North Ward ; 15 in Badminton Ward ; 46 in the North Central Ward ; 7 in the Central Ward ; 20 in the South Central Ward ; and 10 in the South Ward.

Diphtheria and Membraneous Croup.

| | | 1939 | 1938 | 1937 |
|--------------------------|--------|------|-------|------|
| Number of Cases Notified | ... | 16 | 35 | 50 |
| Number of Deaths | ... .. | 1 | 3 | 0 |
| Attack Rate per 1,000... | ... | 0'53 | 1'17 | 1'67 |
| Death Rate per 1,000 ... | ... | 0'03 | 0'101 | 0'00 |
| England and Wales | ... .. | 0'05 | 0'07 | 0'07 |

Of the 16 cases notified, 15 were removed to Hospital Seven occurred in the North Ward ; one in the North Central Ward ; one in the Central Ward ; three in the South Central Ward ; and four in the South Ward.

Report of Diphtheria Immunization at Ebbw Vale 1939.

The work of immunization against Diphtheria was continued during the year.

Enteric Fever (including Para-Typhoid).

| | | 1939 | 1938 | 1937 |
|-----------------------------------|--------|------|------|------|
| Number of Cases Notified | ... | 1 | 2 | 2 |
| Number of Deaths | ... .. | 0 | 0 | 1 |
| Attack Rate per 1,000... | ... | 0'03 | 0'06 | 0'06 |
| Death Rate per 1,000 Ebbw Vale... | | 0'00 | 0'00 | 0'03 |
| England and Wales | ... .. | 0'00 | 0'00 | 0'00 |

Whooping Cough.

| | | 1939 | 1938 | 1937 |
|-----------------------------------|--------|------|------|------|
| Number of Cases Notified | ... | 91 | 0 | 0 |
| Number of Deaths | ... .. | 1 | 0 | 2 |
| Attack Rate per 1,000... | ... | 3'04 | 0'00 | 0'00 |
| Death Rate per 1,000 Ebbw Vale... | | 0'03 | 0'00 | 0'06 |
| England and Wales | ... .. | 0'03 | 0'03 | 0'04 |

Ophthalmia Neonatorum.

Five cases of this disease were reported ; three occurred in the North Ward ; one in the Badminton Ward ; and one in the South Central Ward.

| Notified | Cases Treated | | Vision | Vision | Total | Deaths |
|----------|---------------|-------------|-------------|----------|-----------|--------|
| | At Home | In Hospital | Un-impaired | Impaired | Blindness | |
| 5 | 5 | 0 | 0 | 0 | 0 | 0 |

PREVENTION OF BLINDNESS.

Public Health Act, 1936, Section 176.

No action was taken by the Council under this Section during 1939.

Measles.

| | | 1939 | 1938 | 1937 |
|-----------------------------------|--------|------|------|-------|
| Number of Cases Notified | ... | 115 | 0 | 0 |
| Number of Deaths | ... .. | 3 | 1 | 3 |
| Attack Rate per 1,000... | ... | 3'84 | 0'00 | 0'00 |
| Death Rate per 1,000 Ebbw Vale... | | 0'10 | 0'03 | 0'101 |
| England and Waies | ... .. | 0'01 | 0'04 | 0'02 |

Pneumonia.

| | | 1939 | 1938 | 1937 |
|-----------------------------------|--------|-------|-------|------|
| Number of Deaths | ... .. | 36 | 15 | 25 |
| Death Rate per 1,000 Ebbw Vale... | | 1'203 | 0'504 | 0'83 |

Influenza.

| | | 1939 | 1938 | 1937 |
|-----------------------------------|--------|-------|------|------|
| Number of Deaths | ... .. | 9 | 8 | 23 |
| Death Rate per 1,000 Ebbw Vale... | | 0'301 | 0'26 | 0'77 |
| England and Wales | ... .. | 0'21 | 0'11 | 0'45 |

Puerperal Pyrexia.

| | | 1939 | 1938 | 1937 |
|-----------------------------------|--------|------|------|------|
| Number of Deaths | ... .. | 0 | 2 | 2 |
| Death Rate per 1,000 Ebbw Vale... | | 0'00 | 0'06 | 0'06 |

Tuberculosis.

65 cases were notified during the year ; 42 being Pulmonary and 23 Other Forms.

27 deaths occurred from P.T.S. ; 12 males and 15 females.

Three deaths occurred from Other Forms ; two males and one female.

Doctors J. Glyn Jones and H. A. Evans, Medical Officers of the Welsh National Memorial, attend Ebbw Vale every Tuesday and Thursday, and all suspicious cases are referred to them for their opinion.

| | | 1939 | 1938 | 1937 |
|------------------------------------|--------|------|------|------|
| Rate of attack per 1,000 Ebbw Vale | | | | |
| In Pulmonary Tuberculosis | ... .. | 1'4 | 1'07 | 1'34 |
| Other Forms | ... .. | 0'77 | 0'53 | 0'7 |

| | Notifications New Cases | | | | Deaths Notified Cases | | | | Deaths Non-Notified Cases | | | |
|-----------------------|----------------------------|-----|-----------------|-----|--------------------------|-----|-----------------|-----|------------------------------|-----|-----------------|-----|
| | Respiratory | | Non-Respiratory | | Respiratory | | Non-Respiratory | | Respiratory | | Non-Respiratory | |
| | M | F | M | F | M | F | M | F | M | F | M | F |
| Under 1 year | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Between 1 and 5 years | ... | ... | ... | 4 | ... | ... | ... | 1 | ... | ... | ... | ... |
| 5 " 10 " | 1 | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 10 " 15 " | 1 | 1 | 2 | 2 | ... | 1 | ... | ... | ... | ... | ... | ... |
| 15 " 20 " | 5 | 6 | 3 | 2 | 2 | 8 | ... | ... | ... | ... | ... | ... |
| 20 " 25 " | 3 | 6 | 1 | 2 | 2 | 1 | ... | ... | ... | ... | ... | ... |
| 25 " 35 " | 3 | 8 | 1 | 2 | 3 | 2 | ... | ... | ... | ... | ... | ... |
| 35 " 45 " | 6 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... |
| 45 " 55 " | 1 | 1 | 1 | ... | 4 | 2 | ... | ... | ... | ... | ... | ... |
| 55 " 65 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Over 65 " | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | 20 | 22 | 10 | 13 | 12 | 14 | 2 | 1 | ... | ... | ... | ... |

18

The notification of T.B. cases on the whole is satisfactory. When notification is not sent, the doctors' explanation invariably is that they were under the impression it had been notified.

Public Health (Prevention of Tuberculosis) Regulations, 1925.

| | | |
|--|-----|-----|
| Action taken under these Regulations relating to Tuberculous employees in the Milk Trade ... | ... | |
| (a) Action taken under Article 3 ... | ... | |
| (b) Of the number of cases in which Notices have been served under Article 5 ... | ... | |
| (c) Of the number of appeals (if any) under Article 6 and their result ; and | | |
| (d) Of the number of cases in which compensation has been paid, and its average amount ... | ... | Nil |

Public Health Act, 1936, Section 172.

Action taken by the Council under this Section during 1939 Nil

*Report of Dr. J. Glyn Jones, Tuberculosis Physician,
upon Tuberculosis work in Ebbw Vale during the year
ended 31st December, 1939.*

Patients from this district attend the Visiting Station, Workmen's Hall, Ebbw Vale, every Tuesday and Thursday, at 11 a.m. Attendance here is weekly, as the position served is a very large one.

Details of the cases in the district are as follows :—

| | | |
|---|-----|-----|
| Number of new cases seen ... | ... | 298 |
| Number of new school cases seen at the Clinic ... | ... | 30 |
| Number diagnosed as—Pulmonary ... | ... | 38 |
| Non-Pulmonary ... | ... | 17 |
| Number of patients admitted to Hospital ... | ... | 27 |
| Number of patients admitted to Sanatorium ... | ... | 17 |
| Number of attendances at the Clinic... | ... | 890 |

Erysipelas.

| | 1939 | 1938 | 1937 |
|-------------------------------------|------|------|------|
| Number of cases notified ... | 23 | 24 | 29 |
| Number of Deaths ... | 0 | 0 | 0 |
| Attack rate per 1,000 Ebbw Vale ... | 0'77 | 0'81 | 0'97 |
| Death rate per 1,000 Ebbw Vale ... | 0'00 | 0'00 | 0'00 |

Encephalitis Lethargica.

| | 1939 | 1938 | 1937 |
|-------------------------------------|------|------|------|
| Number of Cases Notified ... | 0 | 0 | 1 |
| Attack Rate per 1,000 Ebbw Vale ... | 0 | 0 | 0'03 |
| Number of Deaths ... | 1 | 0 | 2 |
| Death Rate per 1,000 ... | 0'03 | 0'00 | 0'06 |

Acute Polio-Myelitis.

| | | | |
|-------------------------------------|------|------|------|
| Number of Cases Notified .. | 0 | 1 | 0 |
| Attack Rate per 1,000 Ebbw Vale ... | 0'00 | 0'03 | 0'00 |
| Number of Deaths ... | 0 | 0 | 0 |
| Death Rate per 1,000 ... | 0'00 | 0'00 | 0'00 |

Cerebro-Spinal Meningitis.

| | | | |
|-------------------------------------|------|------|------|
| Number of Cases Notified ... | 16 | 5 | 4 |
| Attack Rate per 1,000 Ebbw Vale ... | 0'53 | 0'16 | 0'13 |
| Number of Deaths ... | 4 | 4 | 2 |
| Death Rate per 1,000 ... | 0'13 | 0'13 | 0'0 |

Acute Polio-Encephalitis.

| | | | |
|-------------------------------------|------|------|------|
| Number of Cases Notified ... | 1 | 0 | 0 |
| Attack Rate per 1,000 Ebbw Vale ... | 0'03 | 0'00 | 0'03 |
| Number of Deaths ... | 0 | 0 | 0 |
| Death Rate per 1,000 ... | 0'00 | 0'00 | 0'00 |

Dysentery.

| | | | |
|-------------------------------------|------|------|------|
| Number of Cases Notified ... | 0 | 0 | 1 |
| Attack Rate per 1,000 Ebbw Vale ... | 0'00 | 0'00 | 0'03 |
| Number of Deaths ... | 0 | 0 | 0 |
| Death Rate per 1,000 ... | 0'00 | 0'00 | 0'00 |

Continued Fever.

Nil.

Small-Pox.

Nil.

Memorandum.

The tabular statement shown below are figured submitted by the Registrar-General for the information of local Medical Officers of Health. These are of certain Infectious Diseases which concern the district as compiled from his returns. The second column gives the rate case per 1,000 population from the same diseases in England and Wales during the year 1939.

| Disease | Notified Cases in the District | Case Rate per 1,000 living England & Wales |
|-----------------------|--------------------------------------|--|
| Small-pox ... | 0 | 0'00 |
| Scarlet Fever ... | 124 | 1.89 |
| Diphtheria ... | 16 | 1'14 |
| Enteric Fever ... | 1 | 0'04 |
| Pneumonia ... | 95 | 1'02 |
| Puerperal Pyrexia ... | 8 | 14'35 |
| Erysipelas ... | 22 | 0'34 |

TABLE VII.

Analysis of Total Cases and Deaths of Infectious Diseases, 1939.

| Disease | At all Ages | Cases Notified | | | | | | | | | | | Ward Distribution of Infectious Diseases | | | | | | Removed to Hospital | |
|-----------------------|-------------|----------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|--|---------|--------------|-----------|---------|------------|---------------------|---------|
| | | Under 1 year | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 | 20-35 | 35-45 | 45-65 | Over 65 years | N. Ward | Badminton W. | N.C. Ward | C. Ward | S. C. Ward | | S. Ward |
| | | | | | | | | | | | | | | | | | | | | |
| Scarlet Fever... | 124 | 2 | 4 | 14 | 15 | 15 | 55 | 11 | 2 | 6 | ... | ... | 26 | 15 | 46 | 7 | 20 | 10 | 1 | |
| Diphtheria ... | 16 | 1 | ... | 1 | 2 | 1 | 6 | 2 | 1 | 2 | ... | ... | 7 | ... | 1 | 3 | 3 | 4 | 15 | |
| Pneumonia ... | 95 | 11 | 6 | 2 | 5 | 3 | 9 | 3 | 3 | 13 | 6 | 27 | 38 | 11 | 19 | 14 | 6 | 7 | ... | |
| Erysipelas ... | 23 | ... | 1 | ... | ... | 2 | 2 | ... | ... | 1 | 3 | 12 | 2 | 1 | 7 | 4 | 4 | 5 | ... | |
| Cerebro-Spinal Fever | 16 | 1 | 2 | 3 | ... | 1 | 1 | 3 | 1 | 2 | ... | 3 | 1 | 2 | 6 | 2 | 3 | 2 | 15 | |
| Puerperal Pyrexia | 7 | ... | ... | ... | ... | ... | ... | ... | 1 | 5 | 1 | ... | 2 | 1 | ... | 2 | 1 | 1 | ... | |
| Polio-encephalitis | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | |
| Ophthalmia Neonatorum | 5 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 1 | ... | ... | 1 | ... | ... | |
| Enteric Fever... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | |
| Whooping Cough | 91 | 4 | 12 | 15 | 11 | 17 | 28 | 4 | ... | ... | ... | ... | 25 | 30 | 14 | 4 | 1 | 17 | ... | |
| Measles ... | 115 | 3 | 13 | 13 | 15 | 13 | 55 | 3 | ... | ... | ... | ... | 23 | 73 | 7 | 5 | 6 | 1 | ... | |
| | 494 | 27 | 38 | 48 | 49 | 50 | 156 | 24 | 10 | 29 | 10 | 42 | 127 | 134 | 100 | 40 | 46 | 47 | 33 | |

DEATHS.

| Disease | AGE GROUPS. | | | | | | | | | | | |
|-----------------------|--------------|-----------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------------|
| | Under 1 year | 1-2 years | 2-3 " | 3-4 " | 4-5 " | 5-10 " | 10-15 " | 15-20 " | 20-35 " | 35-45 " | 45-65 " | Over 65 years |
| Scarlet Fever | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| Diphtheria | ... | ... | ... | ... | ... | ... | 2 | 2 | 5 | 2 | 15 | 10 |
| Pneumonia | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Erysipelas... | ... | 1 | 2 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... |
| Cerebro-Spinal Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Puerperal Pyrexia ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Polio-encephalitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Enteric Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ophthalmia Neonatorum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whooping Cough | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | 15 | 7 | 2 | 1 | ... | ... | 2 | 2 | 6 | 2 | 16 | 10 |

Infantile Mortality.

| | 1939 | 1938 | 1937 |
|-----------------------------------|-------|-------|-------|
| Number of Deaths under 1 year ... | 30 | 32 | 50 |
| Number of Births | 555 | 581 | 521 |
| Infantile Mortality per 1,000 ... | 54·05 | 55·08 | 95·97 |

There were 30 deaths amongst infants under one year, and the general total from all Causes was 374, so that 8·02 per cent. of the deaths of the population occurred in children under one year.

According to the Returns of the Registrar-General, there were 547 births during the year ; 535 legitimate, out of which 30 died, and 12 illegitimate with one death. (The figure 547 is used for the calculation of Birth Rates, while the figure 555 is used in ascertaining the Infantile Mortality Rate).

The number of births notified by the local Registrar was 509, out of which nine were illegitimate. Of this number 30 deaths occurred.

**TABLE VII. Infantile Mortality during the Year 1939.
Net Deaths from stated Causes at various ages under one year.**

| Causes of Death | Under 1 week | 1—2 weeks | 2—3 " | 3—4 " | Total under One Month | 1—3 months | 3—6 " | 6—9 " | 9—12 " | Total under One Year | Grand Total |
|----------------------------|---------------------------|-----------|-------|-------|-----------------------|------------|-------|-------|--------|----------------------|-------------|
| | All Causes : Certified | 8 | ... | 2 | ... | 10 | 5 | 9 | 5 | 1 | 20 | 30 |
| Uncertified | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 1 Premature Birth | 4 | ... | 1 | ... | 5 | ... | ... | ... | ... | ... | 5 |
| 2 Congenital Debility | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 1 |
| 3 Convulsions | ... | ... | ... | ... | ... | 3 | 1 | 3 | 1 | 14 | 1 |
| 4 Broncho-Pneumonia | ... | ... | ... | ... | ... | ... | 7 | 1 | ... | 1 | 1 |
| 5 Pneumonia ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6 Bronchitis ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 7 Suffocation ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 8 Dentition ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 9 Gastritis and Enteritis | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 2 | 2 |
| 10 Inanition ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 |
| 11 Malnutrition | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 12 Intussusception | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 13 Diarrhoea and Enteritis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 14 Spina Bifida | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 1 |
| 15 Other Defined Diseases | 3 | ... | 1 | ... | 4 | ... | ... | ... | ... | ... | 4 |
| | 8 | ... | 2 | ... | 10 | 5 | 9 | 5 | 1 | 20 | 30 |

Infantile Mortality during the Year 1939. Distribution of Wards.

| Causes of Death | North Ward | Badminton Ward | North Central Ward | Central Ward | South Central Ward | South Ward | Grand Total |
|----------------------------|------------|----------------|--------------------|--------------|--------------------|------------|-------------|
| 1 Premature Birth | ... | 1 | 1 | 2 | ... | 1 | 5 |
| 2 Congenital Debility | ... | ... | ... | ... | ... | ... | 1 |
| 3 Convulsions | ... | ... | ... | ... | ... | ... | 1 |
| 4 Broncho Pneumonia | ... | 2 | ... | 3 | 2 | 2 | 14 |
| 5 Pneumonia ... | ... | ... | ... | ... | ... | 1 | 1 |
| 6 Bronchitis ... | ... | ... | ... | ... | ... | ... | ... |
| 7 Suffocation ... | ... | ... | ... | ... | ... | ... | ... |
| 8 Dentition ... | ... | ... | ... | ... | ... | ... | ... |
| 9 Gastritis and Enteritis | ... | ... | ... | 1 | ... | 1 | 2 |
| 10 Inanition ... | ... | ... | ... | ... | ... | 1 | 1 |
| 11 Malnutrition | ... | ... | ... | ... | ... | ... | ... |
| 12 Intussusception | ... | ... | ... | ... | ... | ... | ... |
| 13 Diarrhoea and Enteritis | ... | ... | ... | ... | ... | ... | ... |
| 14 Spina Bifida | ... | ... | ... | ... | ... | 1 | 1 |
| 15 Other Defined Diseases | 1 | 2 | ... | 1 | ... | ... | 4 |
| | 7 | 5 | 1 | 7 | 2 | 8 | 30 |

ISOLATION HOSPITAL REPORT.

During the year 1939, the following cases were treated at the Bedwellty Isolation Hospital, Aberbargoed; Monmouth Isolation Hospital, Monmouth; Ashvale Isolation Hospital, Tredegar; Caerphilly Isolation Hospital, Caerphilly; and Cardiff Isolation Hospital, Cardiff.

| Disease | Number of Cases | Number of Deaths |
|------------------------|-----------------|------------------|
| Diphtheria ... | 15 | 1 |
| Cerebro-spinal Fever | 15 | 4 |
| Polio-Encephalitis ... | 1 | 0 |
| Enteric Fever ... | 1 | 0 |
| Scarlet Fever ... | 1 | 0 |
| | — | — |
| | 33 | 3 |

Of the 33 cases, two were admitted to Bedwellty Isolation Hospital; three to Monmouth; 25 to Tredegar; two to Caerphilly and one to Cardiff Isolation Hospital, Cardiff.

MATERNITY AND CHILD WELFARE CENTRES, Ebbw Vale and Beaufort.

Infants.

| | E.V. | Beaufort |
|---|-------|----------|
| No. of Infants on Register 31st Dec., 1939... | 392 | 149 |
| No. of New Cases attended during the year | | |
| under 1 year ... | 226 | 86 |
| No. of New Cases attended during the year | | |
| 1—5 years ... | 19 | 2 |
| Re-visits under 1 year ... | 2352 | 975 |
| Re-visits 1—5 years ... | 713 | 437 |
| Total attendances under 1 year ... | 2578 | 1061 |
| Total attendances 1—5 years ... | 732 | 439 |
| Total attendances ... | 3310 | 1500 |
| Average attendance at each session ... | 68'95 | 31'91 |

Nursing Mothers.

| | | | | |
|------------------------|-----------|-----|---|---|
| Number of attendances. | New Cases | ... | 0 | 0 |
| | Re-visits | ... | 2 | 0 |

Expectant Mothers.

| | | | E.V. | Beaufort |
|------------------------|-----------|-----|------|----------|
| Number of attendances. | New Cases | ... | 0 | 0 |
| | Re-visits | ... | 0 | 0 |
| Total attendances | ... | ... | 0 | 0 |

Foods.

| | | | | |
|---------------------|-----|-----|-----|----|
| Breast Fed | ... | ... | 230 | 25 |
| Breast and Bottle | ... | ... | 20 | 6 |
| Cow's Milk | ... | ... | 12 | 4 |
| Cow and Gate (F.C.) | ... | ... | 16 | 5 |
| Cow and Gate (H.C.) | ... | ... | 11 | 0 |
| Ostermilk 1 | ... | ... | 21 | 23 |
| Ostermilk 2 | ... | ... | 22 | 0 |
| Glaxo | ... | ... | 12 | 0 |
| Allenbury's | ... | ... | 0 | 6 |
| Nestles | ... | ... | 10 | 0 |
| Sister Laura's | ... | ... | 0 | 7 |
| Neaves | ... | ... | 0 | 0 |
| Varied Food | ... | ... | 41 | 87 |

Cases met and dealt with at the Welfare Centres

| | | | E.V. | Beaufort |
|--|-----|-----|------|----------|
| 1. Prematurity | ... | ... | 0 | 2 |
| 2. Birth Injuries and Malformation. | | | | |
| Umbilical Protusion and Hernia | ... | ... | 2 | 5 |
| Inguinal Hernia | ... | ... | 1 | 1 |
| Undescended Testis | ... | ... | 2 | 0 |
| Phimosis | ... | ... | 3 | 3 |
| Hydrocephalus | ... | ... | 0 | 1 |
| 3. Of Ailmentary System. | | | | |
| Dental Caries | ... | ... | 0 | 4 |
| Constipation | ... | ... | 10 | 5 |
| Gastritis | ... | ... | 1 | 0 |
| Jaundice | ... | ... | 2 | 0 |
| Stomatitis | ... | ... | 1 | 2 |
| Worms | ... | ... | 0 | 2 |
| 4. Of Respiratory, Cardiac and Circulatory Systems. | | | | |
| Bronchitis and Bronchial Catarrh | ... | ... | 6 | 16 |
| Anæmia | ... | ... | 0 | 1 |

5. Of the Skin.

| | | | | E.V. | Beaufort |
|------------|-----|-----|-----|------|----------|
| Impetigo | ... | .. | ... | 1 | 1 |
| Nævus ... | ... | ... | ... | 0 | 1 |
| Urticaria | ... | ... | ... | 1 | 6 |
| Dermatitis | ... | ... | ... | 0 | 3 |

6. Of the Eye.

| | | | | | |
|----------------|-----|-----|-----|---|---|
| Conjunctivitis | ... | ... | ... | 0 | 1 |
|----------------|-----|-----|-----|---|---|

7. Ear, Nose and Throat.

| | | | | | |
|--|-----|-----|-----|---|---|
| Nasal Catarrh | ... | ... | ... | 1 | 0 |
| Otorrhœa and Otitis | ... | ... | ... | 0 | 2 |
| Tonsils and Adenoids (Enlarged and Septic) | ... | ... | ... | 0 | 2 |

8. Of Bones and Joints.

| | | | | | |
|-----------------------|-----|-----|-----|---|---|
| Orthopædic Conditions | ... | ... | ... | 1 | 1 |
|-----------------------|-----|-----|-----|---|---|

9. Of Nervous System

| | | | | |
|-----|-----|-----|-----|-----|
| ... | ... | ... | Nil | Nil |
|-----|-----|-----|-----|-----|

10. Of Lymphatic System...

| | | | |
|-----|-----|-----|-----|
| ... | ... | Nil | Nil |
|-----|-----|-----|-----|

11. Of Urinary System.

| | | | | | |
|----------|-----|-----|-----|---|---|
| Enuresis | ... | ... | ... | 0 | 1 |
|----------|-----|-----|-----|---|---|

12. Deficiency Diseases.

| | | | | | |
|------------|-----|-----|-----|---|---|
| Rickets... | ... | ... | ... | 2 | 0 |
|------------|-----|-----|-----|---|---|

13. Venereal Diseases

| | | | |
|-----|-----|-----|-----|
| ... | ... | Nil | Nil |
|-----|-----|-----|-----|

14. Rheumatism ...

| | | | |
|-----|-----|-----|-----|
| ... | ... | Nil | Nil |
|-----|-----|-----|-----|

15. Miscellaneous.

| | | | | | |
|----------------|-----|-----|-----|---|----|
| Diarrhœa | ... | ... | ... | 3 | 6 |
| Flatulence | ... | ... | ... | 6 | 14 |
| Fractures | ... | ... | ... | 0 | 1 |
| Whooping Cough | ... | ... | ... | 0 | 1 |
| Dentition | ... | ... | ... | 0 | 3 |
| Croup ... | ... | ... | ... | 0 | 1 |

Details of Mothers' Ailments

| | | |
|-----|-----|-----|
| ... | Nil | Nil |
|-----|-----|-----|

REMARKS.

As in previous years.

**Ambulance Facilities
Hospitals**

**Professional Nursing
in the Home : Midwives**

As reported in previous years.

Sanitary Circumstances in the Area.

Water Supply

Streams and Rivers

Drainage and Sewerage

Closet Accommodation

Scavenging

As previously reported.

Shops and Offices. Mortuary. Lodging-Houses.

Roads.

Schools.

As previously reported.

Industries.

As existing previously.

Housing Conditions.

Statistics. Year ended December 31st, 1939.

I. General.

| | | | |
|---|-----|-----|--------|
| 1. Estimated Population... | ... | ... | 29,910 |
| 2. General Death Rate ... | ... | ... | 12'50 |
| 3. Death Rate from Tuberculosis ... | ... | ... | 1'003 |
| 4. Infantile Mortality ... | ... | ... | 30 |
| 5. Number of inhabited houses, 1921 | ... | ... | 6,299 |
| 6. Number of dwelling-houses of all Classes, 1939 | ... | ... | 6,867 |
| 7. Number of new houses erected during the year | ... | ... | 296 |
| i. By the Local Authority | ... | ... | 190 |
| ii. By other bodies or persons | ... | ... | 106 |

HOUSING.

The "Housing Question" cannot be regarded as settled, as housing conditions in the area are not yet entirely satisfactory, but as all building operations have been stopped, further reference to this matter can only be considered after the termination of hostilities.

The Sanitary Administrations and Conditions for the Year 1939.

The following Table show particulars of the work carried out by the Sanitary Staff.

TABLE A.

| | | |
|---|-----|-----|
| Occupied dwellings systematically inspected | ... | 744 |
| Occupied dwellings re-inspected | ... | 213 |
| Visits to premises for special nuisances | ... | 373 |
| Re-visits | ... | 272 |
| Visits to dirty verminous houses | ... | 127 |
| Cowsheds | ... | 110 |
| Dairies and Milkshops | ... | 60 |
| Bakehouses | ... | 83 |
| Butchers' Shops | ... | 562 |
| Slaughterhouses | ... | 694 |
| Fried Fish Shops | ... | 148 |
| Fruit and Vegetable Shops | ... | 362 |
| Common Lodging Houses | ... | 112 |
| Factories | ... | 74 |
| Stables | ... | 15 |
| Urinals | ... | 89 |
| Cinemas | ... | 59 |
| Schools | ... | 167 |
| Pigstyes | ... | 36 |
| Waterworks | ... | 18 |
| Workshops (including Bakehouses) | ... | 12 |

Cowsheds.

As previously reported.

Milk Supplies.

As previously reported.

Milk and Dairies Order.

Remarks as in previous report.

| | | |
|-----------------------------------|-----|----|
| Number of Cowsheds on Register... | ... | 10 |
| Number of Retail Purveyors | ... | 46 |
| Number of Wholesalers | ... | 0 |
| Licensed to sell Pasteurised | ... | 8 |

Slaughterhouses.

694 visits were paid to the slaughterhouses in the district.

Prevalence of, and control over Infectious Diseases.

Infectious Diseases Generally.

Every possible action is taken to check the spread of infection when the occasion arises, and particular note taken to trace source of infection when necessary.

Eradication of Bed Bugs.

Action taken where and when necessary as in previous years.

Food Inspection.

The following articles of food found unfit for human consumption were destroyed by fire or buried :—

MEAT—

| | | |
|-----------------|-----|------------|
| Beef | ... | 3,075 lbs. |
| Pork | ... | 338 lbs. |
| Mutton and Lamb | ... | 110 lbs. |
| Offal | ... | 1,020 lbs. |

TINNED GOODS—

| | | |
|-------------|-----|----------|
| Corned Beef | ... | 24 tins |
| Milk | ... | 70 tins |
| Fish | ... | 69 tins |
| Fruit | ... | 460 tins |

MISCELLANEOUS—

| | | |
|-------------------|-----|------------|
| Fish | ... | 135 lbs. |
| Fruit | ... | 240 lbs. |
| Bacon | ... | 63 lbs. |
| Cooked Meat | ... | 60 lbs. |
| Jam... | ... | 7 bottles |
| Pickled Onions... | ... | 21 bottles |
| Potatoes | ... | 3 cwts. |

Factories and Workshops.

These premises were visited during the year and the summary of the administrations is given below :

1—Inspections.

| Premises | Inspections | Written Notices | Occupiers Prosecuted |
|----------------------------------|-------------|-----------------|----------------------|
| Factories, with Mechanical Power | 6 | 0 | 0 |
| Factories, without " " | 17 | 0 | 0 |
| Other Premises ... | 49 | 0 | 0 |
| | — | — | — |
| | 72 | 0 | 0 |

2—Defects Found.

| Particulars | Number of Defects | | | Number of Defects in respect of which Prosecutions were Instituted |
|-----------------------------------|-------------------|----------|----------------------------|--|
| | Found | Remedied | Referred to H.M. Inspector | |
| Want of cleanliness ... | 5 | 5 | 0 | 0 |
| Overcrowding ... | 0 | 0 | 0 | 0 |
| Unreasonable Temperature ... | 0 | 0 | 0 | 0 |
| Inadequate Ventilation ... | 0 | 0 | 0 | 0 |
| Ineffective Drainage of Floor ... | 0 | 0 | 0 | 0 |
| Sanitary accommodation— | | | | |
| Insufficient ... | 0 | 0 | 0 | 0 |
| Unsuitable or Defective ... | 0 | 0 | 0 | 0 |
| Not separate for sexes .. | 0 | 0 | 0 | 0 |
| Other Offences ... | 0 | 0 | 0 | 0 |
| | 5 | 5 | 0 | 0 |

Registered Workshops.

| 3. Homework (Registered) | Number |
|---------------------------------|--------|
| Dressmakers and Milliners ... | 3 |
| Shoemakers and Repairers ... | 12 |
| Tailors ... | 2 |
| Wheelwrights and Carpenters ... | 9 |
| Bakehouses (Retail) ... | 14 |

| | | | |
|-----------------------------|-----|-----|---|
| Saddlers and Harness Makers | ... | ... | 2 |
| Laundries | ... | ... | 1 |
| Motor Repairers | ... | ... | 5 |
| Printers | ... | ... | 2 |
| Undertakers | ... | ... | 4 |

EDUCATION COMMITTEE.

| | | |
|---------------|-----|------------------------|
| Chairman | ... | Councillor D. Warren |
| Vice-Chairman | ... | Councillor E. Williams |

All Members of the Council compose the Committee together with the following co-opted Members :—

Mr. E. H. Jones,
Mrs. Evans,
Mr. H. J. Warren.

Medical Department.

| | | |
|-------------------------|-----|---|
| School Medical Officer | ... | F. M. Fonseca, F.R.C.S.I., D.P.H. |
| Ophthalmic Surgeon | ... | C. Jacobs, M.C., M.D., B.S. |
| Orthopædic Surgeon | ... | N. Rodyn Jones, M.D. (Cantab.), F.R.C.S. (Edin.). |
| Dentist | ... | W. S. Hazell, L.D.S. (Eng.). |
| School and Clinic Nurse | .. | Miss F. A. Hudson, S.R.N., F.B.C.N., M.R.B.N.A. |
| School Nurse | ... | Miss A. Ajax, S.R.N., C.M.B. |
| School Nurse | ... | Miss E. Sullivan, S.R.N., C.M.B. |
| Clerk | ... | Miss G. G. Owen. |
| Clerk | ... | Mr. T. S. Bowen. |

Ladies and Gentlemen,

During the year ended 31st December, 1939, one thousand, six hundred and ninety-seven children with the additional one thousand, two hundred and forty-four special cases were examined in the different groups under your Authority.

School Hygiene.

As in previous years.

School Nurses.

As in previous years.

School Clinic.

The Clinic has been in full working order for the past seventeen weeks. All departments of clinical work are now located here, and the attendance is very satisfactory. The charges are nominal, and there has not been much difficulty in collecting the prescribed amount, as parents thoroughly appreciate the returns. I am pleased to report that the treatment carried out at this Clinic is highly satisfactory, and is much appreciated by the parents.

Ophthalmic Surgeon's Report.

During the year ended 31st December, 1939, I examined 187 children. In addition to errors of refraction, the following were seen and dealt with.

| | | |
|-------------|-----|----------------------|
| 33 cases... | ... | Convergent Squint |
| 2 ... | ... | Divergent Squint |
| 7 ... | ... | Corneal Scarring |
| 5 ... | ... | Conjunctivitis |
| 2 ... | ... | Marginal Blepharitis |
| 2 ... | ... | Epiphora |

and 1 case each of old penetrating wound of cornea, phlyctenular keratitis, coloboma of iris and congenital ptosis.

Glasses were prescribed for 119 children, and treatment was prescribed and carried out in a large number of cases. The number of free spectacles supplied during the year was 38. This number includes supplies for breakages, etc., and in view of this, does not correspond with Table IV., Group II., column 2.

Orthopædic Surgeon's Report.

The Orthopædic work has continued to be carried out at Ebbw Vale by regular Clinics, at the Prince of Wales Hospital for those children needing hospital treatment or instruments, and by the use of Mr. Harrison's services for certain of the remedial exercises. Increasing use has been made of Nurse Hudson for the supervision of children needing regular exercises for various conditions—with very good results. On the whole the parents respond well to the efforts made at the Clinic, but not all realise that they must themselves take an active interest and part in the treatment. Treatment is often spread over months, and what happens in a child's home often decides the result.

| | |
|--|-----|
| Number of individual cases examined during the year | 38 |
| Number of examinations (including re-examinations) | 103 |
| Number of children admitted Hospital for treatment | 6 |
| Number who visited Mr. Harrison for remedial exercises and other treatment | 12 |
| Number who attended the Clinic for supervision and treatment by Nurse Hudson | 10 |

I am grateful for the interest and help of the Council's Staff in the work.

Orthopædic Cases treated at the Prince of Wales Hospital, Cardiff.

There were 11 cases of various nature treated at the above Hospital. 6 received indoor treatment, and on discharge were supplied with the necessary appliances. 5 were seen as outdoor patients. 4 children were supplied with appliances, alterations to shoes, etc., without attending the Prince of Wales Hospital.

Dentist's Report.

The dental work at the Clinic was similar to that of previous years, and there is nothing fresh to report with the exception that children under 5 years of age are not now admitted to the Elementary Schools, and thus do not come under the purview of the department.

Report of the N.S.P.C.C. Inspector.

Inspector A. E. H. Jones.

| Ill-treatment | Advice Sought | General Neglect | Neglect and failure to provide spectacles | Other Wrongs |
|---------------|---------------|-----------------|---|--------------|
| 1 | 1 | 3 | 1 | 1 |

Of the 7 cases, 16 children and 10 parents were affected.

Swimming Instruction.

This is obtained during the Summer months as in previous years.

Children Temporarily Excluded from School during the year ended 31st December, 1939. Under Article 53 (b) of the Code.

102 children were excluded during the year for various causes under the above Code.

Co-operation of Teachers, Attendance Officers and Parents.

This continues in the same satisfactory manner.

Medical Inspection Returns,
Year ending 31st December, 1939.

TABLE I.

Medical Inspections of Children attending Public
Elementary Schools.

A.—Routine Medical Inspections.

Number of Inspections in the prescribed Groups.

| | | | | |
|--|-----|-----|-----|------|
| Entrants | ... | ... | ... | 415 |
| Second Age Groups | ... | ... | ... | 481 |
| Third Age Group | ... | ... | ... | 433 |
| | | | | |
| Total | ... | ... | ... | 1329 |
| Number of other Routine Inspections... | | | | 368 |
| | | | | |
| Grand Total | ... | ... | ... | 1697 |

B.—Other Inspections.

Number of Special Inspections and Re-Inspections 1244

TABLE II.
 Classification of the Nutrition of Children Inspected during the Year
 in the Routine Age Groups up to 31st August, 1939.

| Age-Groups | Number of Children Inspected | A (Excellent) | | B (Normal) | | C (Slightly subnormal) | | D (Bad) | |
|------------------------------|------------------------------------|------------------|-----|---------------|-----|---------------------------|-----|------------|-----|
| | | No. | % | No. | % | No. | % | No. | % |
| Entrants | ... | 0 | ... | 288 | 100 | 0 | ... | 0 | ... |
| Second Age-Group | ... | 0 | ... | 319 | 100 | 0 | ... | 0 | ... |
| Third Age-Group | ... | 0 | ... | 285 | 100 | 0 | ... | 0 | ... |
| Other Routine Inspections... | 246 | 0 | ... | 246 | 100 | 0 | ... | 0 | ... |
| Total... | ... | 0 | ... | 1138 | 100 | 0 | ... | 0 | ... |

TABLE III.

Blind Children.

A blind child is defined by Section 69 of the Education Act, 1921, as one who is "too blind to be able to read the ordinary school books used by children." This definition covers (a) children who are totally, or almost totally, blind and can only be appropriately taught in a school for blind children, and (b) children who have partial sight and can be appropriately taught in a school for partially sighted children. Only the children in category (a) should be included below.

| Name | Age | Address | At a Public Elementary School | At another Institution | At no School or In- stitution |
|------|-----|---------|-------------------------------------|------------------------------|--|
| ... | ... | ... | 0 | 0 | 0 |

Deaf Children.

A deaf child is defined by Section 69 of the Education Act, 1921, as one who is "too deaf to be taught in a class of hearing children in an elementary school."

This definition covers (a) children whose hearing is so defective and whose speech and language are so little developed that they require education by methods used by deaf children without naturally acquired speech or language, and (b) children who have partial hearing and can be appropriately taught in a class for partially deaf children. Only the children in category (a) should be included below.

| Name | Age | Address | At a Public Elementary School | At another Institution | At no School or In- stitution |
|------|-----|---------|-------------------------------------|------------------------------|--|
| ... | ... | ... | 0 | 0 | 0 |

TABLE IV.

Return of Defects Treated during the year ended
31st December, 1939.

Treatment Tables Group I. Minor Ailments

(excluding uncleanliness, for which see Table VI.)

| Disease or Defect | Number of Defects treated, or under treatment during the year | | |
|---|--|-----------|-------|
| | Under the Authority's Scheme | Otherwise | Total |
| 1 | 2 | 3 | 4 |
| Skin— | | | |
| Ringworm—Scalp | | | |
| (i.) X-Ray Treatment ... | 0 | 0 | 0 |
| (ii.) Other Treatment ... | 3 | 0 | 3 |
| Ringworm—Body ... | 8 | 0 | 8 |
| Scabies ... | 105 | 0 | 105 |
| Impetigo ... | 6 | 0 | 6 |
| Other Skin Disease ... | 183 | 0 | 183 |
| Minor Eye Defects— | | | |
| (External and other, but ex- cluding cases falling in Group II.) ... | 130 | 0 | 130 |
| Minor Ear Defects ... | 64 | 0 | 64 |
| Miscellaneous—(e.g. minor in- juries, bruises, sores, chil- blains, etc. ...) | | | |
| | 76 | 0 | 76 |
| Total ... | 575 | 0 | 575 |

Group II. Defective Vision and Squint.

(excluding Minor Eye Defects treated as Minor Ailments—Group I.).

| Defect or Disease | No. of Defects dealt with | | | No. of children for whom spectacles were | | | Total | |
|--|------------------------------|------------|-------|--|------------|------------------------------|-------|------------|
| | Under the Authority's Scheme | Other-wise | Total | Prescribed | | Obtained | | |
| | | | | Under the Authority's Scheme | Other-wise | Under the Authority's Scheme | | Other-wise |
| Errors of Refraction (including squint). Operations for squint should be recorded separately in the body of the report ... | 158 | 0 | 158 | 119 | 0 | 30 | 119 | |
| Other defect or disease of the eyes (excluding those recorded in Group I.) ... | 33 | 0 | 33 | | | 89 | 119 | |
| Total ... | 191 | 0 | 191 | | | | | |

TABLE V. Dental Inspection and Treatment.

| | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----------------|---------------------|-----|------|-----|-----|-------|-----|-----|------|
| 1. Number of children inspected by the Dentist— | | | | | | | | | | | | | | |
| a Routine Age-Groups | | | | | | | | | | | | | | |
| Age | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Total | | | |
| Number | 327 | 247 | 233 | 208 | 225 | 218 | 226 | 274 | 271 | 93 | 2322 | | | |
| b Specials | | | | | | | | | | | ... | ... | ... | 389 |
| c Total | | | | | | | | | | | ... | ... | ... | 2711 |
| 2. Number found to require treatment | | | | | | | | ... | ... | ... | 1528 | | | |
| 3. Number actually treated | | | | | ... | ... | ... | ... | ... | ... | 1162 | | | |
| 4. Attendances made by children for treatment | | | | | | | | | | ... | 1826 | | | |
| 5. Half-days devoted to : | | | | | | 7. Extractions : | | | | | | | | |
| Inspection | | | ... | 13 | Permanent Teeth | | | 743 | | | | | | |
| Treatment | | | ... | 109 | Temporary Teeth | | | 2276 | | | | | | |
| Total | | | | ... | 122 | Total | | | | ... | 3019 | | | |
| 8. Administrations of general anæsthetics for extractions | | | | | | | | | | ... | 1039 | | | |
| 6. Fillings : | | | | | | 9. Other Operations | | | | | | | | |
| Permanent Teeth | | | ... | 262 | Permanent Teeth | | | 0 | | | | | | |
| Temporary Teeth | | | ... | 2 | Temporary Teeth | | | 0 | | | | | | |
| Total | | | | ... | 264 | Total | | | | ... | 0 | | | |

TABLE VI.

Uncleanliness and Verminous Conditions.

| | | | | |
|--------|--|-----|-----|-------|
| (i.) | Average number of visits per school made during the year by the School Nurses | ... | ... | 9'2 |
| (ii.) | Total number of examinations of children in the schools by School Nurses | ... | ... | 20238 |
| (iii.) | Number of individual children found unclean | ... | ... | 369 |
| (iv.) | Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921 | ... | ... | 330 |
| (v.) | Number of cases in which legal proceedings were taken— | | | |
| | a Under the Education Act, 1921 | ... | ... | 0 |
| | c Under School Attendance Byelaws | ... | ... | 0 |

TABLE IV.
Average Heights and Weights compared with
National Average. A. Heights.

| Classifi- cation | Age last birthday in years | Sex | No. In- spected | National Averages | | Local Averages | | |
|------------------------|----------------------------------|-----|-----------------------|----------------------|------------------|-------------------|-----|---|
| | | | | ft | in. | ft | in | |
| Entrants | 3 | M | ... | 2 | 11 | ... | .. | |
| | 3 | F | ... | 2 | 10 | ... | ... | |
| | 4 | M | ... | 3 | 1 | ... | ... | |
| | 4 | F | ... | 3 | 0 | ... | ... | |
| | 5 | M | 197 | 3 | 4 | 3 | 5 | |
| | 5 | F | 193 | 3 | 3 | 3 | 4 | |
| | 6 | M | 6 | 3 | 7 | 3 | 8 | |
| | 6 | F | 15 | 3 | 6 | 3 | 7 | |
| | Other Ages | M | 2 | ... | ... | 3 | 7 | |
| | F | 1 | ... | ... | 3 | 6 | | |
| Total | | M | 205 | | | | | |
| | | F | 209 | | | | | |
| Leavers | 12 | M | 211 | 4 | 7 | 4 | 8 | |
| | 12 | F | 216 | 4 | 7 $\frac{1}{2}$ | 4 | 8 | |
| | 13 | M | 3 | 4 | 9 | 4 | 11 | |
| | 13 | F | 1 | 4 | 9 $\frac{3}{4}$ | 4 | 8 | |
| | 14 | M | 2 | 4 | 11 $\frac{1}{4}$ | 4 | 7 | |
| | 14 | F | ... | 4 | 11 $\frac{3}{4}$ | ... | ... | |
| | Other Ages | M | ... | ... | ... | ... | ... | |
| | F | ... | ... | ... | ... | ... | | |
| Total | | M | 216 | | | | | |
| | | F | 217 | | | | | |
| Intermediate Groups | 8 | M | 254 | 3 | 11 | 3 | 11 | |
| | 8 | F | 227 | 3 | 10 $\frac{1}{2}$ | 4 | 0 | |
| | 11-12 | M | ... | 4 | 5 $\frac{1}{2}$ | ... | ... | |
| | 11-12 | F | ... | 4 | 5 | ... | ... | |
| | Other Routine | | M | 184 | | | 3 | 8 |
| | | | F | 184 | | | 3 | 8 |

TABLE IV.
Average Heights and Weights compared with
National Average. B. Weights.

| Classifi- cation | Age last birthday in years | Sex | No. In- spected | National Averages | | Local Averages | |
|------------------------|----------------------------------|-----|-----------------------|----------------------|-----|-------------------|-----|
| | | | | st | lb. | st | lb |
| Entrants | 3 | M | ... | 2 | 6 | .. | .. |
| | 3 | F | ... | 2 | 3½ | ... | ... |
| | 4 | M | ... | 2 | 9 | ... | ... |
| | 4 | F | ... | 2 | 8 | ... | ... |
| | 5 | M | 197 | 2 | 12 | 3 | 0 |
| | 5 | F | 193 | 2 | 11 | 3 | 0 |
| | 6 | M | 6 | 3 | 2½ | 3 | 7 |
| | 6 | F | 15 | 2 | 13¾ | 3 | 2 |
| | Other Ages | M | 2 | ... | ... | 3 | 0 |
| | F | 1 | ... | ... | 3 | 0 | |
| Total | | M | 205 | | | | |
| | | F | 209 | | | | |
| Leavers | 12 | M | 211 | 5 | 6¾ | 5 | 7 |
| | 12 | F | 216 | 5 | 6½ | 5 | 11 |
| | 13 | M | 3 | 5 | 12½ | 6 | 1 |
| | 13 | F | 1 | 6 | 3 | 6 | 4 |
| | 14 | M | 2 | 6 | 8 | 6 | 7 |
| | 14 | F | ... | 6 | 12¾ | ... | ... |
| | Other Ages | M | ... | ... | ... | ... | ... |
| | F | ... | ... | ... | ... | ... | |
| Total | | M | 216 | | | | |
| | | F | 217 | | | | |
| Intermediate Groups | 8 | M | 254 | 3 | 13 | 4 | 0 |
| | 8 | F | 227 | 3 | 10 | 4 | 0 |
| | 11-12 | M | ... | 5 | 2 | ... | ... |
| | 11-12 | F | ... | 4 | 12 | ... | ... |
| | Other Routine | M | 184 | | | 3 | 7 |
| | | F | 184 | | | 3 | 6 |

CONCLUSION.

I take this opportunity of thanking my Colleagues for their co-operation and assistance during the course of my duties.

F. M. FONSECA, F.R.C.S.I., D.P.H.,

Medical Officer of Health and
School Medical Officer.



