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**Contributors**

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**County Borough of Merthyr Tydfil**

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**PUBLIC  
HEALTH  
1963**

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**T. H. STEPHENS, M.B., CH.B., D.P.H., F.R.S.H.**  
Medical Officer of Health



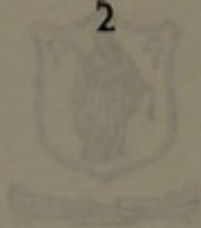


## County Borough of Merthyr Tydfil

# PUBLIC HEALTH 1963

T. H. STEPHENS, M.B., CH.B., D.P.H., F.R.S.H.

Medical Officer of Health



County Borough of Merthyr Tydfil

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T. H. STEPHENS, M.B., CH.B., D.P.H., F.R.S.M.  
Medical Officer of Health

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## COUNTY BOROUGH OF MERTHYR TYDFIL

**Department of Public Health,  
Town Hall,  
Merthyr Tydfil.**

*To the Chairman, Aldermen and Councillors of the  
County Borough of Merthyr Tydfil.*

*Mr. Mayor, Ladies and Gentlemen,*

I have the honour to present the Annual Report of the Public Health of the County Borough of Merthyr Tydfil for the year 1963.

Both the Infant Death Rate of 34.91 per thousand and the Perinatal Mortality Rate of 42.51 were higher than the previous year, but the Stillbirth Rate has remained almost constant for the second year in succession at 20.33 and compares favourably with the National Rate.

The Death Rate of 14.40 per thousand population has increased slightly over the last year and once again Diseases of the Heart were the largest single group being responsible for 31.24% of all the deaths. Deaths from Malignant and Neoplasms were responsible for 15.62% of all deaths and were the second largest cause of death. Details of the sites will be found in the main body of the report.

During 1963, two major Welfare Projects were completed. They were the Aged Persons Home at the Gurnos Estate and the Pentrebach Training Centre. The former is the first purpose-built home of its kind in the County Borough. All the other Homes are adapted existing houses. The Training Centre at Pentrebach for Sub-normal and Severely Sub-normal children and adults opened in April, 1963, with 16 pupils between five and sixteen years of age. In June, the Senior Section was started when five pupils between seventeen and twenty-one years of age were enrolled. The Centre was officially opened on the 25th September, 1963, by the Chairman of the Welsh Board of Health, Mr. Franklyn Williams. There were present the Mayor, Councillor McGinty, Alderman D. R. Tudor, Councillor Deasy, Mr. S. O. Davies, Member of Parliament, and Members of the Council.

The Chiropody Service which was inaugurated in 1961 for the Aged, the Physically Handicapped and Expectant Mothers, has become very popular and a total of 1,754 treatments were carried out by the two Part-time Chiropodists employed by the Local

Authority. Approximately one-third of the treatments were carried out at the patients' homes, the Hollies Clinic or at the Aged Persons' Homes.

Another Service devoted mainly to the Aged is the Home Help Service and here again, there was a considerable increase in the number of cases where help was provided. This has resulted in an increase in the number of part-time Home Helps to 138. It was necessary to appoint a full-time Home Help Organiser in September, 1963.

I refer in a previous paragraph to the new Aged Persons' Home at the Gurnos Estate—I would like to point out that Merthyr Tydfil which was much criticised at a National Conference for its inadequate provision of hostel accommodation has, according to a Ministry of Health document for 1964, 22.6 places for persons aged 65 years and over per thousand of the population of that age group, whereas the figure for England and Wales is 15.3 ; Wales 13.7 and Merthyr Tydfil 22.6. However, I am not yet satisfied that the provision is adequate and plans have been put forward for the erection of a new Home in Dowlais, but no work has been started because, apparently, it is to be part of the whole development in that area.

In spite of the guidance given in Circular 14/57 dealing with Local Authority Services for the Chronic Sick and Infirm, difficulties do arise as to whose responsibility it is, whether it be that of the Local Authority or the Hospital Board, and, indeed, sometimes it is very difficult to differentiate where the responsibility lies. It seems to me that either more Geriatric beds are required or more nursing and medical facilities should be available in the present homes and in future homes.

It has been suggested, and rightly so, by the Welsh Board of Health, that greater liaison should take place between local authorities and the General Practitioners. We have attempted to do this as a local authority, but the response by the General Practitioners was poor. However, there seems to be a change of orientation by the younger General Practitioners now in Merthyr Tydfil and provision has been made in the new Clinic erected at the Gurnos Estate for the use of General Practitioners in the Dowlais area whose patients have gone to the Gurnos Estate so that they can use the facilities there on certain days. I am convinced that the only solution to this problem is the development of Health Centres.

The Maternity Liaison Committee has functioned very well indeed and I am happy to report that there was not a single maternal death during the year. Many years ago South Wales was a very black spot. I can recollect that in Merthyr Tydfil, in one year (1928) there were 12 maternal deaths, giving a rate of 9.7 per

thousand births and as near as 1938 the rate was 6.3 per thousand births but with advancing knowledge and better co-operation between the General Practitioners, Local Authority and Hospital Services, conditions are very much improved.

1962 will always be remembered as the year of the Smallpox outbreak in South Wales and as I stated, not one case occurred in Merthyr Tydfil but one was buried in Merthyr Tydfil—in 1963 we had an epidemic of a slightly different kind and that was the death of over one hundred cats and dogs in this area. These animals died as the result of eating the flesh of a pony that had grazed on a rubbish tip outside the Merthyr Borough. Some of the flesh was taken to Cardiff Public Health Laboratory. Various people were consulted; the Public Analyst, Professor of Bacteriology and the Cardiff Police Forensic Laboratory. The specimen was eventually sent to the Special Department of the Ministry of Agriculture at Weybridge and examination confirmed the presence of toxic aliphatic fluorine compound in the meat and this was the cause of death. After some time the Ministry of Agriculture introduced new Regulations regarding the use of Fluoroacetamide as a Rodenticide.

I should like to express my thanks to the Chairman of the Health Committee and Members of the Corporation for their ready assistance in matters affecting public health, to other Departments of the Corporation and associated Organisations for their co-operation and to my Staff for their continued loyalty.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

**T. H. STEPHENS,**  
*Medical Officer of Health.*

WELFARE SERVICES COMMITTEE  
COUNTY BOROUGH OF MERTHYR TYDFIL

Chairman: Alderman S. Davies

Vice-Chairman: Councillor B. Watkins

The Mayor

Alderman W. W. H. Edwards  
Alderman J. Davies  
Councillor M. Deasy  
Councillor A. John  
Councillor Mrs. A. Lewis  
Councillor G. M. Donovan  
Councillor J. L. Williams

HEALTH COMMITTEE

Chairman: Alderman D. R. Tudor

Vice-Chairman: Councillor Mrs. G. Williams

The Ex-Mayor (Councillor M. McGinty)

PART 1.

Committees and Staff.

Alderman T. Y. Lewis  
Councillors D. J. Williams, M. Deasy, W. Williams, J. Reddy,  
T. J. Lloyd, O.R.E., D. M. Jones, A. John, D. V. Williams,  
W. E. Jones, Mrs. A. Evans, Mrs. G. Lambert, J. G. Davies,  
J.P., B. Watkins, C. G. Jones, G. M. Donovan, M. Smith,  
Mrs. G. Williams, C. Stanfield, J. L. Williams, J. Williams,  
H. I. Williams, R.E.M., J.P., D. J. Evans.

WELFARE SERVICES COMMITTEE

The Mayor

Chairman: Alderman S. Davies

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman: Councillor Mrs. G. Lambert

Vice-Chairman: Councillor C. Stanfield  
Alderman S. Davies  
Councillor D. J. Williams  
Councillor W. Williams  
Councillor J. Reddy  
Councillor Mrs. A. Evans  
Councillor B. Watkins  
Councillor H. I. Williams  
Councillor J. L. Williams  
Councillor M. McGinty

The Ex-Mayor (Councillor M. McGinty)

Alderman (Councillor M. McGinty)

Ex-Mayor (Councillor Mrs. G. Williams)

(Councillor Mrs. G. Williams) (Vice-Chairman of the Health Committee)

Alderman D. R. Tudor (Chairman of the Health Committee)

Coun. Mrs. C. Williams (Vice-Chairman of the Health Committee)

# COUNTY BOROUGH OF MERTHYR TYDFIL 1963

*The Mayor*

Councillor M. McGinty, J.P.

*The Deputy Mayor :*

Alderman T. Y. Lewis

## HEALTH COMMITTEE

*Chairman :* Alderman D. R. Tudor

*Vice-Chairman :* Councillor Mrs. C. Williams

The Whole Council

*namely :—*

Aldermen T. Y. Lewis, S. Davies, I. Davies, C. E. Webb,  
B.E.M., J.P., W. J. James, W. W. Herbert and S. G. Edwards.  
Councillors D. J. Williams, M. Deasy, W. Williams, J. Reddy,  
T. J. Lloyd, O.B.E., D. M. Jones, A. John, D. V. Williams,  
W. E. Jones, Mrs. A. Evans, Mrs. G. Lambert, J. G. Davies,  
J.P., B. Watkins, C. G. Jones, G. M. Donovan, M. Smith,  
Mrs. G. Williams, C. Stanfield, J. L. Williams, J. Williams,  
H. I. Williams, B.E.M., J.P., D. J. Evans.

with

The Mayor

## MATERNITY AND CHILD WELFARE COMMITTEE.

*Chairman :* Councillor Mrs. G. Lambert

*Vice-Chairman :* Councillor C. Stanfield

Alderman S. G. Edwards	Councillor D. J. Williams
Councillor A. John	Councillor W. Williams
Councillor W. E. Jones	Councillor J. Reddy
Councillor C. G. Jones	Councillor Mrs. A. Evans
Councillor M. Smith	Councillor B. Watkins
Councillor J. L. Williams	Councillor H. I. Williams

with

The Mayor (Councillor M. McGinty)

Ex-Mayor (Councillor Mrs. G. Williams)

and

Alderman D. R. Tudor (*Chairman of the Health Committee*).

and

Coun. Mrs. C. Williams (*Vice-Chairman of the Health Committee*).

## WELFARE SERVICES COMMITTEE.

*Chairman* : Alderman S. Davies*Vice-Chairman* : Councillor B. Watkins

Alderman W. W. Herbert

Alderman I. Davies

Councillor M. Deasy

Councillor A. John

Councillor Mrs. A. Evans

Councillor G. M. Donovan

Councillor J. L. Williams

Alderman S. G. Edwards

Councillor D. V. Williams

Councillor D. J. Williams

Councillor W. E. Jones

Councillor J. G. Davies

Councillor M. Smith

Councillor J. Williams

with

The Mayor (Councillor M. McGinty)

The Ex-Mayor (Councillor Mrs. G. Williams)

and

Alderman D. R. Tudor (*Chairman of the Health Committee*)Coun. Mrs. C. Williams (*Vice-Chairman of the Health Committee*)

## BLIND AND OTHER WELFARE SERVICES COMMITTEE.

*Chairman* : Councillor H. I. Williams*Vice-Chairman* : Alderman T. Y. Lewis

Alderman C. E. Webb

Alderman W. J. James

Councillor J. Reddy

Councillor Mrs. G. Lambert

Councillor C. Stanfield

Alderman I. Davies

Councillor W. Williams

Councillor D. V. Williams

Councillor C. G. Jones

Councillor J. L. Williams

with

The Mayor (Councillor M. McGinty)

The Ex-Mayor (Councillor Mrs. G. Williams)

Alderman D. R. Tudor (*Chairman of the Health Committee*)Coun. Mrs. C. Williams (*Vice-Chairman of the Health Committee*)

and

Four representatives of the Merthyr and Mid-Wales Blind  
Institute,

## MENTAL HEALTH SERVICES COMMITTEE.

*Chairman :* Councillor M. Deasy

*Vice-Chairman :* Alderman I. Davies

Alderman S. G. Edwards	Councillor W. Williams
Councillor J. Reddy	Councillor D. J. Williams
Councillor A. John	Councillor D. M. Jones
Councillor Mrs. G. Lambert	Councillor W. E. Jones
Councillor C. Stanfield	Councillor G. M. Donovan
Councillor J. Williams	

with

The Mayor (Councillor M. McGinty)

Ex-Mayor (Councillor Mrs. G. Williams)

and

Alderman D. R. Tudor (*Chairman of the Health Committee*).

Coun. Mrs. C. Williams (*Vice-Chairman of the Health Committee*).

## CHILDREN'S COMMITTEE.

*Chairman :* Councillor G. M. Donovan

*Vice-Chairman :* Councillor W. E. Jones

Alderman S. G. Edwards	Councillor D. J. Williams
Councillor J. Reddy	Councillor Mrs. A. Evans
Councillor Mrs. C. Williams	Councillor J. L. Williams

with

The Mayor (Councillor M. McGinty)

Ex-Mayor (Councillor Mrs. G. Williams)

## MEDICAL STAFF

*Medical Officer of Health, Principal School Medical Officer, Medical Superintendent, Mardy Isolation Hospital, Medical Officer under the Mental Health Acts :*

T. H. Stephens, M.B., Ch.B., D.P.H., F.R.S.H.

*Assistant Medical Officers and School Medical Officers :*

Monica Parry-Morton, B.Sc., M.B., B.Ch.

E. A. Marsden, M.B., B.Ch.

J. N. Bodger, B.A.(Hons.) Cantab., M.A., M.B., B.Chir.,  
M.R.C.S., L.R.C.P., D.P.H.

Dilys Palmer, B.Sc., M.B., Ch.B., D.C.H. (Part Time).

*Part-time Consultant Ophthalmic Surgeon :*

G. Vine-Cole, M.R.C.S., L.R.C.P., D.O.

*Part-time Ear, Nose and Throat Specialist :*

Alun Thomas, F.R.C.S.

*Part-time Paediatrician :*

H. Coll, B.Sc., M.R.C.P.(E.)

*Part-time Psychiatrist :*

G. N. Lacey, B.Sc., M.B., Ch.B., D.P.M.

*Part-Time Chest Physicians :*

A. E. Aslett, M.B., Ch.B., D.P.H.

L. Erin, M.B., Ch.B., D.T.D.

*Dental Officers :*

F. S. Baguley, L.D.S. (Senior).

G. N. Davies, B.D.S. (Part Time).

*Public Analyst and Official Analyst under the Fertilizers and Feeding Stuffs Act, 1926 :*

D. Evans Jones, M.Sc., F.R.I.C.

## PUBLIC HEALTH INSPECTORATE

*Chief Public Health Inspector and Food Inspector, Official Sampler and Inspector under the Fertilizers and Feeding Stuffs Act, 1926 :*

Iorwerth Thomas (a.b.)

*Deputy Chief Public Health Inspector :*

C. G. Stuckey, (a.b.)

*Public Health Inspectors and Food Inspectors :*

V. D. L. Prothero, (a.b.)

J. B. Jones (a.b.)

D. Collins (a.b.)

*Public Health Inspector and Shops Act Inspector :*

D. C. N. Davis T.D. (a.j.)

*Rodent Officer :*

G. A. Price

*Disinfection and Disinfestation Staff :*

A. Andrews, G. W. Foran, W. G. Foster, S. Evans.

## NURSING STAFF

*Superintendent Nursing Officer, and Superintendent School Nurse*

A. L. Evans (c.d.e.)

*Health Visitors and School Nurses :*

E. J. Watkins (c.d.e.)

D. Jenkins (c.d.e.)

M. F. Jelleyman (c.d.e.g.)

M. Jones (c.e.h.)

C. Jones (c.d.)

A. Meredith (c.d.e.)

J. A. Lewis (c.d.e.)

N. J. Sage (c.d.e.g.)

S. Jones (c.e.h.).

*Domiciliary Midwives :*

B. M. Jones (c.d.), K. Lovis (c.d.), M. Williams (c.d.f.), D. Summers (c.d.f.), A. E. Davies (c.d.), G. M. Warrior (c.d.), M. Gollop (c.d.).

*District Nurses :*

M. Nicholas (c.g.), S. J. Lewis (c.), F. Evans (c.f.), A. M. Clements (c.d.f.), E. J. Evans (c.), E. Wright (c.f.), E. E. Thomas (c.f.g.), B. Whitford Jones (c.f.g.), O. Davies (c.f.), B. A. Thomas (c.), M. Lloyd (c.d.) (Relief), N. Killick (c.d.), M. Weir (c.d.).

*Dental Technician :*

L. Mytton

*Dental Attendants :*

P. James, A. Harris

*Home Help Organiser :* Miriam Everson

## WELFARE FOODS DISTRIBUTION

P. Lovis, G. Watkins.

## WELFARE SERVICES

*Senior Welfare Officer :*

Marsden Jones (Part year)

*Senior Mental Welfare Officer :*

F. Jennings.

*Mental Welfare Officer :*

I. Protheroe.

*Welfare Officer :*

D. H. Cornwall, B.A.

*Clerical Staff :*

T. Morris, V. Lloyd.

*Pentrebach House Home for Aged Men :*

*Superintendent :* J. Baldwin.

*Staff :* One Cook, two Female Attendants, Two Male Attendants, One Porter/Handyman and Two General Domestic.

*Pant House Home for Aged Females :*

*Staff :* Two Female Attendants, One General Domestic.

*Duffryn Taf Home for the Aged :*

*Superintendent :* W. I. Dawkins.

*Staff :* One Cook, Two Female Attendants, Four Male Attendants, One Female Attendant/Cleaner, Three General Domestic, One Boiler/Handyman.

## AMBULANCE SERVICE

*Ambulance Officer :*

J. A. Williams

*Staff :* Seventeen Drivers, One Mechanic and One Assistant Mechanic.

## PENTREBACH TRAINING CENTRE

*Supervisor :*

Mrs. B. Lawrence.

*Assistant Supervisors :*

Mrs. O. Hayes, Mrs. D. Lashbrooke, Mrs. M. Tonge, Mrs. D. O'Driscoll.

1 Kitchen Assistant ; 1 Cleaner ; 1 Caretaker.

## ADMINISTRATIVE AND CLERICAL STAFF

*Chief Clerk :*

T. J. Davies

*Deputy Chief Clerk :*

J. R. Jones

*Clerical Staff :*

W. K. Jones

Joan Thomas

Jean Power (Pt. year)

P. Rowlands

M. Brown

Mary Price

Marlene Gamlin

H. Jenkins

Ann Townsend (Pt. yr.)

*Clerical Staff (Clinics) :*

S. J. Lewis

G. Evans

D. Vaughan

---

*KEY :*

- a. — Public Health Inspector's Certificate of the Royal Society for the Promotion of Health and The Public Health Inspectors' Board.
- b. — Meat and Other Foods Certificate of the Royal Society for the Promotion of Health.
- c. — State Registered Nurse.
- d. — State Certified Midwife.
- e. — Health Visitor's Certificate of the Royal Society for the Promotion of Health.
- f. — Trained Fever Nurse.
- g. — Queen's Nurse's Certificate.
- h. — Central Midwives Board Examination Part I.
- j. — Smoke Inspector's Certificate of the Royal Society for the Promotion of Health.

## NURSING STAFF

## AMBULANCE SERVICE

Superintendent Nurse: Miss J. A. Williams  
Ambulance Officer: A. L. Evans (s.d.)

Health Visitors and School Nurses: Miss J. A. Williams

Staff: Seventeen Drivers, One Mechanic and One Assistant Mechanic

M. F. Johnson (s.d.)  
C. Jones (s.d.)

J. A. Lewis (s.d.)  
S. Jones (s.d.)

PENTREACH TRAINING CENTRE  
Supervisor: Mrs. B. Lawrence

Domiciliary Midwives: B. M. Jones (s.d.), K. Lewis (s.d.)

Surgeons (s.d.): Mrs. O. Hayes, Mrs. D. Lambrooke, Mrs. M. Tonge, Mrs. D. O'Driscoll

District Nurse: M. Nicholson

Clerical Staff: 1 Kitchen Assistant; 1 Cleaner; 1 Carpenter

ADMINISTRATIVE AND CLERICAL STAFF

Chief Clerk: T. J. Davies

Deputy Chief Clerk: J. R. Jones

Dental Technician: L. Myton

Hand Help Organiser: Miss Evans

Clerical Staff: W. K. Jones

P. Rowlands

Marlene Gamlin

Clerical Staff (Clinics): S. J. Lewis

Senior Welfare Officer: D. Vaughan

Mental Welfare Officer: J. Protheroe

Clerical Staff: J. Protheroe

KEY:

a. — Public Health Inspector's Certificate of the Royal Society for the Promotion of Health and the Public Health Inspectors' Board.

b. — State Registered Nurse.

c. — State Certified Midwife.

d. — Health Visitor's Certificate of the Royal Society for the Promotion of Health.

e. — Trained Fever Nurse.

f. — Queen's Nurses' Certificate.

g. — General Midwives Board Examination Part I & II.

h. — Smoke Inspector's Certificate of the Royal Society for the Promotion of Health.

Area in Acres .. .. .	17,760
Population (Census 1961) .. .. .	29,039
Population (Registrar General Mid-year Estimate) .. .. .	28,700
Density of population per acre (1961 Census) .. .. .	3.3243
Number of separate dwellings on Rate Books in 1963 .. .. .	18,862
Rateable Value to March 1963 .. .. .	41,260.772
Average number of persons to each occupied house (1961 Census) .. .. .	3.130
Live Births .. .. .	483
Female .. .. .	250
Male .. .. .	233
Total .. .. .	483
Live Births .. .. .	25
Female .. .. .	25
Male .. .. .	25
Total .. .. .	25
Percentage of Illegitimate Live Births .. .. .	4.90
Live Birth Rate per thousand population .. .. .	18.06
*Corrected Live Birth Rate per thousand population .. .. .	18.96
Stillbirths .. .. .	15
Female .. .. .	7
Male .. .. .	8
Total .. .. .	15
Live Births .. .. .	250
Female .. .. .	250
Male .. .. .	250
Total .. .. .	250
Live Birth Rate per thousand population .. .. .	18.43
*Corrected Live Birth Rate per thousand population .. .. .	19.32
Deaths .. .. .	482
Female .. .. .	363
Male .. .. .	119
Total .. .. .	482
Death Rate per thousand population .. .. .	14.40
†Corrected Death Rate per thousand population .. .. .	12.84
Total Infant Deaths .. .. .	37
Infant Mortality Rate .. .. .	34.91
Legitimate Infant Mortality Rate .. .. .	36.71
Illegitimate Infant Mortality Rate .. .. .	Nil
Neonatal Mortality Rate .. .. .	26.42
Early Neonatal Mortality Rate .. .. .	22.64
Perinatal Mortality Rate .. .. .	42.31
Maternal Deaths .. .. .	Nil
Maternal Mortality Rate .. .. .	153.3
T.B. Death Rate (rate per million population) .. .. .	2.249
Malignant Neoplasms Death Rate per thousand population .. .. .	2.249

\* Registrar General's Comparability Factor of 1.05 for Births  
 † Registrar General's Comparability Factor of 1.10 for Deaths

## VITAL STATISTICS—1963.

Area in Acres .. .. .	17,760
Population (Census 1961) .. .. .	59,039
Population (Registrar General Mid-year Estimate) ..	58,700
Density of population per acre (1961 Census) ..	3.3243
Number of separate dwellings on Rate Books in 1963 ..	18,862
Rateable Value to March, 1963 .. .. .	£1,260,775
Average number of persons to each occupied house (1961 Census) .. .. .	3.130
Legitimate Live Births } Male 520 } Total 1,008 } Total Live Births .. 1.060	
} Female 483 }	
Illegitimate Live Births } Male 25 } Total 52 }	
} Female 27 }	
Percentage of Illegitimate Live Births .. .. .	4.90
Live Birth Rate per thousand population .. .. .	18.06
*Corrected Live Birth Rate per thousand population ..	18.96
Stillbirths : Male 15 } Total Stillbirths .. 22	
Female 7 }	
Still birth rate per thousand births .. .. .	20.33
Total Births } Male 560 } Total Births, Live & Still 1,082	
Live & Still } Female 522 }	
Total Birth Rate per thousand population .. .. .	18.43
*Corrected Total Birth Rate per thousand population ..	19.35
Deaths : Male 482 } Total Deaths .. .. 845	
Female 363 }	
Death Rate per thousand population .. .. .	14.40
†Corrected Death Rate per thousand population .. ..	15.84
Total Infant Deaths .. .. .	37
Infant Mortality Rate .. .. .	34.91
Legitimate Infant Mortality Rate .. .. .	36.71
Illegitimate Infant Mortality Rate .. .. .	Nil
Neonatal Mortality Rate .. .. .	26.42
Early Neonatal Mortality Rate .. .. .	22.64
Perinatal Mortality Rate .. .. .	42.51
Maternal Deaths .. .. .	Nil
Maternal Mortality Rate .. .. .	Nil
T.B. Death Rate (rate per million population) .. ..	153.3
Malignant Neoplasms Death Rate per thousand population	2.249

\* Registrar General's Comparability Factor of 1.05 for Births.

† Registrar General's Comparability Factor of 1.10 for Deaths.

## POPULATION

The Census Population for the County Borough for 1961 has been provisionally announced as 59,039, which is a decrease of 2,054 on the 1951 Census. A population decrease is surprising in view of the fact that every year since 1951, our live births have easily exceeded the total deaths. The following table shows this excess year by year :—

<i>Year</i>	<i>Live Births</i>	<i>Deaths</i>	<i>Excess of Births</i>
1951 ..	992	913	79
1952 ..	961	777	184
1953 ..	959	849	110
1954 ..	880	817	63
1955 ..	857	857	—
1956 ..	845	731	114
1957 ..	985	803	182
1958 ..	974	821	153
1959 ..	988	781	207
1960 ..	987	841	146
1961 ..	964	809	155
Total Excess of Births .. ..			1393

This excess of some 1,393 coupled with the decrease of 2,054 in the population since 1951 means that some 3,447 persons have left this County Borough during the past ten years.

The following table gives details of Census Population since 1801:—

<i>Year</i>	<i>Population</i>	<i>Year</i>	<i>Population</i>
1801	7,705	1891	58,080
1811	11,184	1901	69,228
1821	17,404	1911	80,990
1831	22,083	1921	82,760
1841	34,997	1931	71,108
1851	46,692	1939*	62,772
1861	50,461	1941	No Census
1871	51,891	1951	61,093
1881	48,857	1961	59,039

\* *National Registration population figure given in lieu of Census.*

The Census Report also details the ward population for 1961 and the following is an extract of that report:—

<i>WARD</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
Dowlais .. ..	3,631	3,804	7,435
Penydarren .. ..	4,252	4,589	8,841
Park .. ..	4,439	4,694	9,133
Cyfarthfa .. ..	3,887	3,952	7,839
Town .. ..	3,557	3,686	7,243
Plymouth .. ..	3,214	3,229	6,443
Merthyr Vale .. ..	2,712	2,747	5,459
Treharris .. ..	3,345	3,301	6,646
<b>TOTALS</b>	<b>29,037</b>	<b>30,002</b>	<b>59,039</b>

### BIRTHS.

In 1963, a total of 1082 births were registered of which 1060 were live births. This represents a Total Birthrate for the County Borough of 18.43 per thousand population and a live Birth Rate of 18.06. The live Birth Rate for England and Wales was 18.2 per thousand population.

The number of births is made up as follows:

LEGITIMATE				ILLEGITIMATE				TOTALS	
Livebirths		Stillbirths		Livebirths		Stillbirths			
Male	Female	Male	Female	Male	Female	Ml.	Female	Ml.	Female
520	488	14	7	25	27	1	—	560	522
1008		21		52		1		1082	
		1029		53					

A comparison of England and Wales and Local Live Birthrates over the past ten years is shown in the following table :

Year	No. of Births	Rates per thousand population		Increase or decrease of Local Rate on National Rate
		County Boro. of Merthyr Tydfil	England and Wales	
1953	959	16.04	15.5	+0.5
1954	880	14.74	15.2	-0.5
1955	857	14.31	15.0	-0.7
1956	845	14.20	15.6	-1.4
1957	985	16.61	16.1	+0.5
1958	974	16.43	16.4	—
1959	988	16.66	16.5	+0.1
1960	987	16.66	17.1	-0.5
1961	964	16.39	17.4	-1.0
1962	1010	17.14	18.0	-0.8
1963	1060	18.06	18.2	-0.2
Aver. Annual Birthrate 1953 to 1963		16.11	16.4	-0.3

### MARRIAGES

During 1963, 487 marriages were registered in the County Borough of Merthyr Tydfil, which is a Married Persons Rate of 16.6 per thousand population. The details of marriages in the County Borough during the past ten years and their comparison with the national figures are as follows :—

Year	Number of Marriages	Rates per thousand population	
		County Borough of Merthyr Tydfil	England and Wales
1953	492	16.4	15.6
1954	475	15.9	15.4
1955	489	16.3	16.1
1956	497	16.7	15.8
1957	490	16.5	15.4
1958	488	16.5	15.1
1959	462	15.6	15.0
1960	420	14.2	15.0
1961	460	15.6	15.0
1962	440	14.9	14.9
1963	487	16.6	14.9

## DEATHS

During 1963, nine hundred and sixty-one deaths were registered in the County Borough, but 211 of these deaths were of non-residents. In addition, 95 residents died outside the County Borough Area so that the total number of deaths of residents during the year was 845. The Death Rate per thousand population for 1963 was, therefore, 14.40 whilst the rate for England and Wales was 12.2.

The following table shows the number of deaths of Residents of the County Borough together with the Local and England and Wales Death Rates from 1953 :—

Year	Number of Deaths	Rates per thousand Population	
		Merthyr Tydfil	England & Wales
1953	849	14.2	11.4
1954	817	13.7	11.3
1955	857	14.3	11.7
1956	731	12.29	11.7
1957	803	13.54	11.5
1958	821	13.84	11.7
1959	781	13.17	11.6
1960	841	14.18	11.5
1961	809	13.76	12.0
1962	826	14.01	11.9
1963	845	14.40	12.2

The numbers and percentages of deaths occurring in the different age groups are :—

Age Group	Number of Deaths			Percentage
	Males	Females	Totals	
Under 1 yr. ..	25	12	37	4.38
1-4 yrs. ..	3	1	4	0.48
5-14 yrs. ..	—	5	5	0.59
15-44 yrs. ..	16	13	29	3.43
45-64 yrs. ..	154	93	247	29.23
65-74 yrs. ..	138	90	228	26.98
Over 75 yrs.	146	149	295	34.91
All Ages ..	482	363	845	100.00

# Causes of Death in Various Age Groups—Male : 1963

23

CAUSE OF DEATH	Total	Under 1	1—4	5—14	15—44	45—64	65—74	Over 75
Tuberculosis, Respiratory .. .. .	7	—	—	—	2	3	2	—
Tuberculosis - Others .. .. .	1	—	—	—	—	1	—	—
Syphalitic Diseases .. .. .	1	—	—	—	—	—	1	—
Meningococcal Infections .. .. .	1	1	—	—	—	—	—	—
Malignant Neoplasms, Stomach .. .. .	8	—	—	—	—	5	2	1
Malignant Neoplasms, Lung/Bronchus .. .. .	24	—	—	—	—	8	11	5
Other Malignant and Lymphatic Neoplasms .. .. .	32	—	—	—	—	15	9	8
Other Infective and Parasitic Diseases .. .. .	2	—	1	—	—	1	—	—
Diabetes .. .. .	2	—	—	—	—	—	1	1
Vascular Lesions of the Nervous System .. .. .	56	—	—	—	—	19	16	21
Coronary Disease, Angina .. .. .	104	—	—	—	3	46	42	13
Hypertension with Heart Disease .. .. .	10	—	—	—	—	5	2	3
Other Heart Disease .. .. .	44	—	—	—	1	6	7	30
Other Circulatory Disease .. .. .	18	—	—	—	1	4	6	7
Influenza .. .. .	2	—	—	—	—	1	—	1
Pneumonia .. .. .	15	2	—	—	—	—	4	9
Bronchitis .. .. .	49	—	—	—	—	12	16	21
Other Diseases of Respiratory System .. .. .	19	—	—	—	—	7	10	2
Ulcer of Stomach and Duodenum .. .. .	4	—	—	—	—	3	1	—
Nephritis and Nephrosis .. .. .	3	—	—	—	—	2	—	1
Hyperplasia of Prostrate .. .. .	4	—	—	—	—	—	—	4
Congenital Malformations .. .. .	2	2	—	—	—	—	—	—
Other Defined and Ill-defined Diseases .. .. .	50	19	—	—	3	8	6	14
Motor Vehicle Accidents .. .. .	5	—	—	—	2	2	—	1
All other Accidents .. .. .	13	1	2	—	3	3	1	3
Suicide .. .. .	6	—	—	—	1	3	1	1
TOTAL — MALES	482	25	3	—	16	154	138	146

**Causes of Death in Various Age Groups—Female : 1963**

CAUSE OF DEATH	Age Groups									
	Total	Un. 1	1-4	5-14	15-44	45-64	65-74	Over 75		
Tuberculosis, Respiratory .. .. .	1	—	—	1	—	1	—	—		
Syphalitic Disease .. .. .	1	—	—	1	—	—	—	—		
Other Infective and Parasitic Diseases .. .. .	1	—	—	—	—	—	4	3		
Malignant Neoplasms, Stomach .. .. .	10	—	—	—	—	3	—	—		
Malignant Neoplasms, Uterus .. .. .	5	—	—	—	—	5	—	—		
Malignant Neoplasms, Lung/Bronchus .. .. .	2	—	—	—	—	2	—	—		
Malignant Neoplasms, Breast .. .. .	14	—	—	—	—	5	4	5		
Other Malignant and Lymphatic Neoplasms .. .. .	37	—	—	—	4	11	10	12		
Leukaemia; Aleukaemia .. .. .	1	—	—	—	1	—	—	—		
Diabetes .. .. .	1	—	—	—	—	1	—	—		
Vascular Lesions of the Nervous System .. .. .	73	—	—	—	1	12	30	30		
Coronary Disease, Angina .. .. .	43	—	—	—	1	12	13	17		
Hypertension with Heart Disease .. .. .	12	—	—	—	—	1	3	8		
Other Heart Disease .. .. .	51	—	—	—	2	13	9	27		
Other Circulatory Disease .. .. .	21	—	—	—	—	2	4	15		
Influenza .. .. .	3	—	—	—	—	—	—	3		
Pneumonia .. .. .	13	—	—	1	—	4	2	6		
Bronchitis .. .. .	7	—	—	—	—	2	3	2		
Gastritis, Enteritis and Diarrhoea .. .. .	4	1	—	—	—	2	—	1		
Nephritis and Nephrosis .. .. .	3	—	—	—	1	2	—	—		
Congenital Malformations .. .. .	3	3	—	—	—	—	—	—		
Other Defined and ill-defined Diseases .. .. .	42	7	1	1	2	10	6	15		
Motor Vehicle Accidents .. .. .	1	—	—	—	—	—	—	1		
All Other Accidents .. .. .	10	1	—	1	1	2	2	3		
Suicide .. .. .	4	—	—	—	—	3	—	1		
TOTALS — FEMALES .. .. .	363	12	1	5	13	93	90	149		

# DEATHS OF RESIDENTS OCCURRING OUTSIDE THE BOROUGH.

During the year 1963, ninety-four deaths outside the County Borough were assigned by the Registrar General. The following are particulars of where these deaths of residents occurred :—

<i>Place at which death occurred</i>	<i>Registration District</i>	<i>No. of deaths</i>
Sully Hospital .. ..	Barry M.B. .. ..	11
Radiotherapy Hospital .. ..	Cardiff R.D. .. ..	10
Fedw Hir Hospital .. ..	Aberdare U.D. .. ..	7
Llandough Hospital .. ..	Penarth U.D. .. ..	7
Royal Infirmary .. ..	Cardiff C.B. .. ..	9
General Hospital .. ..	Aberdare U.D. .. ..	6
S. Wales Sanatorium .. ..	Hay R.D. .. ..	5
St. David's Hospital .. ..	Cardiff C.B. .. ..	4
Parc Hospital, Coity .. ..	Penybont R.D. .. ..	4
Holine Towers .. ..	Penarth U.D. .. ..	2
Penyfael Hospital .. ..	Penybont R.D. .. ..	2
General Hospital .. ..	Mountain Ash U.D. .. ..	2
St. Lawrence Hospital .. ..	Chepstow U.D. .. ..	1
Constance Cres., Hayes .. ..	Bromley M.B. .. ..	1
Beech Hill, Enfield .. ..	Enfield M.B. .. ..	1
Harefield Hospital .. ..	Uxbridge U.D. .. ..	1
Gwendoline Tce., Abercynon .. ..	Mountain Ash U.D. .. ..	1
Bethnal Green Hospital .. ..	Bethnal Green M.B. .. ..	1
Wyke Hse., Isleworth .. ..	Heston & Isleworth M.B. .. ..	1
Rookwood Hospital .. ..	Cardiff C.B. .. ..	1
Wookey Hole .. ..	Wells R.D. .. ..	1
Swansea Hospital .. ..	Swansea C.B. .. ..	1
Trawscoed Rd., Llysfaen .. ..	Colwyn Bay M.B. .. ..	1
Vaynor Quarries .. ..	Vaynor & Pend'n RD .. ..	1
Victoria Hospital .. ..	Blackpool C.B. .. ..	1
Redwood Hospital .. ..	Rhymney U.D. .. ..	1
Arthur St., Pt. Talbot .. ..	Port Talbot M.B. .. ..	1
Yst. Mynach Hospital .. ..	Caerphilly U.D. .. ..	1
General Hospital .. ..	Wrexham M.B. .. ..	1
Weir Meadow .. ..	Evesham M.B. .. ..	1
St. Malvern Tce., Brynmill .. ..	Swansea C.B. .. ..	1
Mid-Wales Hospital .. ..	Hay R.D. .. ..	1
Memorial Hospital .. ..	Blaenau Ffestiniog U.D. .. ..	1
Park Tce., Trelewis .. ..	Gelligaer U.D. .. ..	1
St. Winifred's Hospital .. ..	Cardiff C.B. .. ..	1
Sympons Way, Pyle .. ..	Penybont R.D. .. ..	1
Westview Cres., Trelewis .. ..	Gelligaer U.D. .. ..	1
TOTAL .. ..		94

## FATAL ACCIDENTS, MOTOR ACCIDENTS, AND SUICIDES.

### *Fatal Accidents :*

Death accelerated by falling .. .. .	7
Death accelerated by injuries received during course of employment .. .. .	2
Death due to accidental burning .. .. .	8
Death due to accidental injuries .. .. .	1
Death through inhalation of vomit (misadventure) ..	1
Barbiturate poisoning accidentally administered ..	1
Asphyxia due to inspiration of foreign body .. ..	2
Multiple injuries received during course of employ- ment .. .. .	1
	<hr/>
	23

### *Suicides :*

Coalgas poisoning self-administered whilst balance of mind was disturbed .. .. .	8
Respiratory failure due to barbiturate poisoning self- administered whilst balance of mind was dis- turbed .. .. .	1
Multiple injuries self-administered whilst balance of mind was disturbed .. .. .	1
	<hr/>
	10

### *Motor Accidents :*

Injuries accidentally caused when knocked down by motor vehicle .. .. .	4
Injuries accidentally received when colliding with a motor cycle .. .. .	1
Injuries accidentally received in an overturned motor vehicle .. .. .	1
	<hr/>
	6

## ANALYSIS OF DEATHS FROM VARIOUS CAUSES.

## (i) Heart Disease :

Males	..	..	..	158
Females	..	..	..	106
Total	..	..	..	<u>264</u>

Heart disease embraces the following classification of Causes of Death :

Coronary Disease, Angina.  
Hypertension with Heart Disease.  
Other Heart Disease.

This group was the largest cause of death being responsible for 31.24% of all deaths in 1963 as compared with 33.66% in 1962. It also represents a Death Rate of 4,497 per million. Last year it was 4,717.

The deaths recorded in sex and age groups were as follows :

	0-4	5-14	15-44	45-64	65-74	Over 75
Males ..	.. —	—	4	57	51	46
Females ..	.. —	—	3	26	25	52

## (ii) Malignant Neoplasms :

Males	..	..	..	64
Females	..	..	..	68
Total	..	..	..	<u>132</u>

This group is sub-divided into the following classifications of Causes of Death :

Malignant Neoplasms, Stomach  
Malignant Neoplasms, Lung Bronchus  
Malignant Neoplasms, Breast  
Malignant Neoplasms, Uterus  
Other Malignant and Lymphatic Neoplasms

Malignant Neoplasms were responsible for 15.62% of all deaths, the same as in 1962. It represents a Death Rate of 2,249 per million population. Last year it was 2,189.

	0-4	5-14	15-44	45-64	65-74	Over 75
Males ..	.. —	—	—	28	22	14
Females ..	.. —	—	4	26	18	20

## (iii) Tuberculosis (All Forms) :

Males	..	..	..	8
Females	..	..	..	1
				<hr/>
Total	..	..	..	9

Tuberculosis was responsible for 1.07% of all deaths in 1963 as compared with 0.36% in 1962. The Death Rate was 137 per million population. In 1962 it was 51.

## (iv) Vascular Lesions of the Nervous System :

Males	..	..	..	56
Females	..	..	..	73
				<hr/>
Total	..	..	..	129

Vascular Lesions of the Nervous System were responsible for 15.27% of all deaths as compared with 13.56% in 1962. The Death Rate was 2,198 per million population. In 1962 it was 2,070.

The deaths recorded in sex and age groups were as follows :

	0-4	5-14	15-44	45-64	65-74	Over 75
Males ..	..	—	—	19	16	21
Females ..	..	—	1	12	30	30

## (v) Congenital Malformations :

Males	..	..	..	2
Females	..	..	..	3
				<hr/>
Total	..	..	..	5

Congenital Malformations were responsible for 0.59% of all deaths and the death rate was 85 per million population.

## (vi) Bronchitis :

Males	..	..	..	49
Females	..	..	..	7
				<hr/>
Total	..	..	..	56

Bronchitis was responsible for 6.63% of all deaths compared with 6.71% in 1962. The Death Rate from Bronchitis was 954 per million population, and 933 in 1962.

The deaths recorded in sex and age groups were as follows :

	0-4	5-14	15-44	45-64	65-74	Over 75
Males ..	..	—	—	12	16	21
Females ..	..	—	—	2	3	2

(vii) **Pneumonia :**

Males	..	..	..	15
Females	..	..	..	13
Total	..	..	..	28

Pneumonia was responsible for 3.31 % of all deaths compared with 3.27% in 1962. The Pneumonia Death Rate was 477 per million population. It was 458 in 1962.

**INFANT MORTALITY.**

Year	No. of Infant Deaths	Infant Death Rate	
		Merthyr Tydfil	England & Wales
1952	44	45.79	27.6
1953	42	43.79	26.8
1954	42	47.73	25.5
1955	25	29.17	24.9
1956	32	37.87	23.7
1957	37	37.55	23.1
1958	30	30.70	22.6
1959	39	39.45	22.2
1960	34	34.45	21.9
1961	24	24.89	21.6
1962	32	31.68	21.6
1963	37	34.91	21.1

**MATERNAL MORTALITY.**

During 1963, no Maternal Deaths were recorded. The following table shows details of deaths due to or associated with Childbirth, Pregnancy and Abortion during the past ten years :—

Year	Total No.	Puerperal Sepsis	From Other Causes	From Assoc- iated Causes	Rate per 1000 births
1953	—	—	—	—	Nil.
1954	1	—	1	—	1.09
1955	1	—	1	—	1.13
1956	1	—	—	1	1.13
1957	—	—	—	—	Nil.
1958	1	—	—	1	0.98
1959	1	—	—	1	0.98
1960	2	—	—	2	1.97
1961	1	—	—	1	1.00
1962	2	—	—	2	1.94
1963	Nil	—	—	—	Nil

## EMPLOYMENT AND INDUSTRY.

The economic life of the County Borough of Merthyr Tydfil was from the Industrial Revolution until in the 1930's centred almost entirely around the production of coal, iron and steel. This was followed by a period of very grave depression in this area and considerable numbers of people had to migrate to other areas in search of a livelihood because there were no other light industries to replace the basic ones.

As a result of the Special Areas Act of 1934, several factories came into existence in this County Borough, and now we have such factories as Hoover's Washing Machines, Kayser-Bondor (Ladies underwear), Lines Bros. (Toys), in addition to our traditional industry of Coalmining.

The following tables, details of which have been compiled from statistics kindly supplied by the Managers of the Merthyr and Dowlais Employment Exchanges, gives an indication of the occupations and trades pursued by the inhabitants of the County Borough. The figures are based on the number of National Insurance Cards held at a specific time during the year, i.e. June 1963 of inhabitants classified according to the Ministry of Labour's Industrial Group System. Of course all these various types of trades and employments are not necessarily carried on within the County Borough Area as some people travel outside the area to work.

MATERIAL MORTALITY.

During 1963, no Material Deaths were recorded. The following table shows details of deaths due to or associated with Children, Pregnancy and Abortion during the past ten years.

Year	Total No.	Prenatal Deaths	From Other Causes	From Abortion (Total Cases)	Rate per 1000 births
1953	2	—	—	—	Nil.
1954	1	—	1	—	1.00
1955	6	—	1	—	1.13
1956	4	—	—	—	1.13
1957	1	—	—	—	Nil.
1958	1	—	—	—	0.93
1959	1	—	—	—	0.93
1960	2	—	—	—	1.13
1961	4	—	—	—	1.00
1962	2	—	—	—	1.00
1963	Nil	—	—	—	Nil.

## MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act, 1946 : Industrial Analysis of Estimated Number  
of National Insurance Cards held by Class I Insured Persons

(Employed and Unemployed)†

In June, 1963, for DOWLAIS Employment Exchange and Y.E.O. Area.

Order (1)	*Industrial Group (2)	Males aged 15 and over. (3)	Females aged 15 & over. (4)	Total Males & Females aged 15 and over (5)
I	Agriculture, Forestry and Fishing	5	—	5
II	Coalmining	17	—	17
III	Other Mining and Quarrying			
IV	Food, Drink and Tobacco			
V	Chemicals and Allied Trades	1495	605	2100
VI	Metal Manufacture			
VII	Engineering & Electrical Goods			
VIII	Shipbuilding & Shiprepairing	—	—	—
IX	Vehicles	3	1	4
X	Metal Goods not elsewhere specified	316	834	1150
XI	Textiles			
XII	Leather, Leather Goods and Fur	—	—	—
XIII	Construction etc.	8	4	12
XIV	Bricks, Pottery, Glass, Cement, etc.	—	2	2
XV	Timber, Furniture etc.	—	2	2
XVI	Paper and Printing	—	5	5
	Other Manufacturing Industries		—	—
	Total all manufacturing industries	1836	1442	3278
XVII	Building and Contracting	517	3	520
XVIII	Gas, Electricity and Water	50	4	54
XIX	Transport & Communication	198	36	234
XX	Distributive Trades	57	79	136
XXI	Insurance, Banking and Finance	9	1	10
XXII	Professional & Scientific Services	10	11	21
XXIII	Miscellaneous Services	13	35	48
XXIV	Public Administration	10	11	21
	Ex-Service Personnel on leave	1	—	1
	GRAND TOTALS	2701	1622	4323

Notes : \*For details of Industrial Groups see Standard Industrial Classification 1948 (H.M.S.O.).

†These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act, 1946 : Industrial Analysis of Estimated Number  
of National Insurance Cards held by Class I Insured Persons

(Employed and Unemployed)†

In June 1963 for MERTHYR TYDFIL, TREHARRIS and MERTHYR VALE Employment Exchanges and Y.E.O. Areas.

Order (1)	*Industrial Group (2)	Males aged 15 and over. (3)	Females aged 15 & over. (4)	Total Males & Females aged 15 and over (5)
I	Agriculture, Forestry & Fishing	84	1	85
II	Mining, etc. .. .. .	3808	30	3838
III	Food, Drink & Tobacco .. .. .	192	320	512
IV	Chemicals, etc. .. .. .	34	13	47
V	Metal Manufacturing .. .. .	7	4	11
VI	Engineering & Elec. Goods .. .. .	3952	1361	5313
VII	Shipbuilding, etc. .. .. .	—	—	—
VIII	Vehicles .. .. .	218	173	391
X	Metal Goods .. .. .	193	27	220
XI	Textiles .. .. .	16	5	21
XII	Clothing and Footwear .. .. .	8	15	23
XIII	Bricks, etc. .. .. .	99	67	166
XIV	Timber, Furniture, etc. .. .. .	385	308	693
XV	Paper, Printing .. .. .			
XVI	Other Manufact. Industries .. .. .	1642	63	1705
XVII	Construction .. .. .			
XVIII	Gas, Electricity & Water .. .. .	359	43	402
XIX	Transport, etc. .. .. .	789	61	850
XX	Distributive .. .. .	1067	1236	2303
XXI	Insurance Banking & Finance .. .. .	109	61	170
XXII	Professional Services, etc. .. .. .	552	1489	2041
XXIII	Miscellaneous Services .. .. .	600	420	1020
XXIV	Public Administration .. .. .	614	377	991
	Ex-Service Personnel .. .. .	2	—	2
	GRAND TOTAL .. .. .	14730	6074	20804

Notes : \*For details of Industrial Groups see Standard Industrial Classification 1948 (H.M.S.O.).

†These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

## LOCATION OF CLINICS

There are five clinics in the County Borough situated in such positions as to afford the greatest possible coverage of the area and easy accessibility for persons requiring to use them. The following are details of the individual clinics with a brief statement of the services they provide:—

### A. Dowlais Clinic, New Road, Dowlais.

Serves the Dowlais and northern portion of the Penty-dagen Wards. Has weekly Ante-natal and Infant Welfare Clinics with occasional Specialist Clinics. Post-natal Clinics held as required.

### B. The Hollies Clinic, Albert Street, Merthyr Tydfil.

Has weekly Ante-natal and Infant Welfare Clinics and occasional Post-natal Clinics. Serves the central area of the County with Dentist in attendance and frequent Specialist Clinics.

## PART 3. Maternity and Child Welfare

Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Dental Clinics are held at least once weekly. Serves the areas of Pentrebach, Abercarn and Trecynon.

Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Serves the areas of Abercarn, Merthyr Vale and Mount Pleasant.

### V. Treherbert Clinic, Barrage Terrace, Treherbert.

Provides Ante-natal and Infant Welfare Clinics each Thursday and occasionally on Friday morning. Dental Clinics are held once weekly. Serves Treherbert Ward, that is Treherbert, Edwardsville and Quakers' Yard.

Welfare Foods are sold at all the above Clinics on the days that the Infant Welfare Clinics are held. They are also available at certain other times during the week at these Clinics.

## LOCATION OF CLINICS.

There are five clinics in the County Borough area sited in such positions as to afford the greatest possible coverage of the area and easy accessibility for persons requiring to use them. The following are details of the individual clinics with a brief statement of the services they provide :—

*i.*     **Dowlais Clinic, New Road, Dowlais.**

Serves the Dowlais and northern portion of the Penydarren Wards. Has weekly Ante-natal and Infant Welfare Clinics with occasional Specialist Clinics. Post-natal Clinics held as required.

*ii.*    **The Hollies Clinic, Albert Street, Merthyr Tydfil.**

Has weekly Ante-natal and Infant Welfare Clinics and fortnightly Post-natal Clinics. Has daily Dental Clinics with Dentist in attendance and frequent Specialist Clinics. Serves the central area of the County Borough, that is, Town, Park and Cyfarthfa Wards and southern portion of Penydarren Ward.

*iii.*   **Glantaf Clinic, Troedyrhiw.**

Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Dental Clinics are held at least once weekly. Serves the areas of Pentrebach, Abercanaid and Troedyrhiw.

*iv.*    **Canonbie Clinic, Aberfan.**

Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Serves the areas of Aberfan, Merthyr Vale and Mount Pleasant.

*v.*     **Treharris Clinic, Bargoed Terrace, Treharris.**

Provides Ante-natal and Infant Welfare Clinics each Thursday and occasionally on Friday mornings. Dental Clinics are held once weekly. Serves Treharris Ward, that is Treharris, Edwardsville and Quakers' Yard.

Welfare Foods are sold at all the above Clinics on the days that the Infant Welfare Clinics are held. They are also available at certain other times during the week at these Clinics.

## MATERNITY AND CHILD WELFARE.

Ante-natal Clinics are held at least once per week at each Clinic in the County Borough area when the patients are seen by the Assistant Medical Officer in charge. The Health Visitors and Midwives for that particular area are also present. Periodic clinics are held by a Consultant Gynaecologist and Obstetrician when cases referred by the Assistant Medical Officers are seen. The following details show the attendances at the Ante-Natal and Post-Natal Clinics during 1963.

### Attendances at Ante-natal Clinics, 1963.

<i>No. of Clinics provided</i>	<i>No. of Medical Officer Sessions held during 1963</i>	<i>Number of women in attendance</i>	
		<i>Ante-natal Examination</i>	<i>Post natal Examination</i>
5	247	242	62

### Ante-Natal Mothercraft and Relaxation Classes.

<i>Number of Mothers who attended during year</i> ..	(a) Institutional Booked ..	56
	(b) Domiciliary Booked ..	31
	(c) Total ..	87
Total number of attendances during year ..		304

The sub-joined table shows the number of blood specimens from Expectant Mothers which were taken by the Assistant Medical Officers at the Ante-Natal Clinics. A number of these patients were referred by their own General Practitioners or as in a very small number of cases, this Department arranged for the examination of specimens submitted by General Practitioners.

### Ante-Natal Blood Specimens—1963.

<i>Examined for</i>	<i>Number</i>
Rh. Factor .. .. .	205
Wassermann Reaction .. .. .	183
Haemoglobin .. .. .	223

### Attendances at Infant Welfare Clinics.

Child Welfare Clinics with an Assistant Medical Officer in attendance are held at each of the Clinics in the County Borough once weekly and there were two hundred and forty nine sessions during the year. The number of children under one year who attended a Clinic in 1963 was 664 and the total number of children under five who attended was 1,574. The following table enumerates the attendances according to age-group :

<i>Age Group</i>	<i>No. of Children attending during year.</i>
Under 1 year .. .. .	664
1 year but under 2 years ..	458
2 years but under 5 years ..	452
Total ..	1574

### Visits by Health Visitors 1963.

There are nine Health Visitors employed by the Local Health Authority and these nurses also carry out the duties of School Nurses for the Local Education Authority. There are no specialist Health Visitors, all being responsible for visits to Mothers and Children, attendance at various clinics, special investigations, visits to notified cases of Measles and Whooping Cough and Tuberculosis visiting. Details of these visits during 1963 are set out below :—

<i>Cases visited by Health Visitors</i>	<i>No. of cases</i>
Children born in 1963 .. .. .	1093
Children born in 1962 .. .. .	1053
Children born in 1958-1961 .. .. .	3451
Persons aged 65 or over .. .. .	453
Mentally disordered persons .. .. .	21
Persons discharged from hospital .. .. .	22
Number of Tuberculous households visited ..	65
Number of Households visited on account of infectious diseases .. .. .	132

Close liaison exists between the Hospital Management Committee and the Department regarding the follow-up of discharged patients. The Hospital Authorities inform the Health Visitors of patients requiring particular attention and they are

often asked to submit environmental reports prior to discharge so that the Hospital Doctors may decide whether discharge from hospital will benefit the patient.

### Midwifery.

There are seven Midwives employed by the Local Health Authority under its Domiciliary Midwifery Scheme. These midwives reside in various parts of the Borough in order to ensure an even distribution with regard to the population and maximum availability and efficiency. During 1963 they attended two hundred and forty-eight domiciliary cases. All midwives are trained to use gas and air apparatus and each has her own. In twenty-two of the confinements no doctor had been booked but in the remaining two hundred and twenty-six cases, a doctor was booked.

Each midwife is responsible for the area in which she resides. Relief is effected by midwives in adjoining areas taking over from each other for rest day and holiday periods. Midwives who have cars are available as reliefs in other districts when they are on "stand by" duty. The number of midwives employed does not permit a night relief midwife to be appointed specifically for that duty.

### Care of Premature Infants.

The following table details the number of premature infants born in the County Borough Area during the year.

**Premature Births.**

<i>Notified from</i>	<i>Number</i>	
	<i>Live</i>	<i>Still</i>
Hospital .. .. .	67	12
Home .. .. .	17	2
Private Nursing Home ..	Nil.	Nil.

PREMATURE LIVE BIRTHS—1963																Premature Stillbirths
	Born in hospital			Born at home				Transferred to hospital on or before 28th day				Born				
	Total births	Died			Total births	Died			Total births	Died			in hospital	at home or in a nursing home		
		within 24 hrs. of birth	in 1 and under 7 days	in 7 and under 28 days		within 24 hrs. of birth	in 1 & under 7 days	in 7 & under 28 days		within 24 hrs. of birth	in 1 and under 7 days	in 7 & under 28 days				
2 lb. 3 ozs. or less (1000 gms. or less)	1	1	—	—	—	—	—	—	—	—	—	3	—			
Over 2 lb. 3 ozs. up to and including 3 lb. 4 ozs. (1001-1500 gms.)	7	5	—	1	—	—	—	—	1	—	—	2	1			
Over 3 lb. 4 oz. up to and including 4 lb. 6 ozs. (1501-2000 gms.)	12	2	1	—	—	—	—	—	1	—	—	3	—			
Over 4 lb. 6 ozs. up to and including 4 lb. 15 ozs. (2001-2250 gms.)	19	2	2	—	4	—	—	—	2	—	—	1	1			
Over 4 lb. 15 ozs. up to and including 5 lb. 8 ozs. (2251-2500 gms.)	28	3	—	—	9	—	—	—	—	—	—	3	—			
TOTAL	67	13	3	1	13	—	—	—	4	—	1	12	2			

# INFANT MORTALITY—1963

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## Nett Deaths from Stated Causes under One year—MALES

CAUSE OF DEATH	Under 24 hours	Under 1 week	1 week to 1 month	1 month to 3 months	3 months to 6 months	6 months to 12 months	Total Deaths under one year
ALL CAUSES .. ..	5	12	2	2	4	—	25
Premature Birth .. ..	1	9	—	—	—	—	10
Pneumonia .. ..	—	—	—	1	1	—	2
Neonatal Asphyxia .. ..	2	2	—	—	—	—	4
Congenital Malformation .. ..	—	1	1	—	—	—	2
Bronchiolitis .. ..	—	—	—	1	1	—	2
Accidental Death .. ..	—	—	—	—	1	—	1
Other Causes .. ..	2	—	1	—	1	—	4
TOTAL .. ..	5	12	2	2	4	—	25

# INFANT MORTALITY—1963.

Nett Deaths under One year from Stated Causes—FEMALES.

CAUSE OF DEATH	Under 24 hours	Under 1 Week	1 Week to 1 month	1 month to 3 months	3 months to 6 months	6 months to 12 m'ths.	Total
All Causes ..	4	3	2	1	1	1	12
Premature Birth ..	2	1	1	—	—	—	4
Gastroenteritis ..	—	—	—	—	1	—	1
Cerebral Haemorrhage ..	—	1	—	—	—	—	1
Congenital Malformation ..	2	1	1	1	—	—	5
Accidental Death ..	—	—	—	—	—	1	1
Birth Injury ..	—	—	—	—	—	—	—
Other Causes ..	—	—	—	—	—	—	—
TOTAL	4	3	2	1	1	1	12

## ST. TYDFIL'S HOSPITAL AND GWAUNFARREN MATERNITY HOME

Eight hundred and ninety one cases entered hospital during the year for confinement, of whom 806 were mothers from the County Borough Area. Priority for admission was given to Primipara cases with obstetrical difficulties and secondly to cases where home conditions anticipated were not satisfactory.

### *Hospital Deliveries :*

Total number of Births	.. .. .	891
Total number of Stillbirths	.. .. .	22
Maternal Deaths	.. .. .	Nil.

The following are details of premature infants born in hospital during 1963 :

Total Live Premature Births	.. .. .	67
No. died within 24 hours	.. .. .	13
Died from 1-7 days	.. .. .	3
Number survived 28 days	.. .. .	50
Total Premature Stillbirths	.. .. .	12

### PUERPERAL PYREXIA.

There was one case of Puerperal Pyrexia notified during the year.

### OPHTHALMIA NEONATORUM.

No cases of Ophthalmia Neonatorum was notified during the year.

**REPORT OF THE PRINCIPAL DENTAL OFFICER—1963.**

Due to the unavoidable absence of the P.D.O. for a considerable part of the year, there has been a drop in the number of cases, and in the amount of treatment provided for these classes during the year, but even so the statistics reveal a relative improvement per session.

But it is difficult to make a fair overall comparison with the previous year's work.

There has been a considerable drop in the number of extractions for mothers, which shows an improvement. The increase in the number of full dentures is rather misleading and contrary to what would have been expected from the reduced extractions, but many of these cases arose through mothers attending, who had had their extractions completed elsewhere, or were in need of their dentures remaking. There was a very marked reduction in the number of partial dentures supplied.

The inclement weather and the usual crop of epidemics took their toll upon attendances at these clinics.

Continued good relations and co-operation prevails with the other professional staff and advice is being constantly sort by them in respect of these classes. Parents also continue to seek advice from the department in respect of their children's dental health and hygiene, which, though no treatment is provided, enables a good future relationship to be established.

The annual return is appended herewith.

# DETAILS OF DENTAL TREATMENT—1963

## DENTAL TREATMENT—CASES TREATED.

	Examined	Number of Persons who Commenced Treatment During Year	Number of Courses of Treatment Completed During Year
Expectant and Nursing Mothers	58	56	46
Children Under Five ..	266	260	248

## FORMS OF TREATMENT RECEIVED.

	Extractions	Gen. Anaesthetics	Fillings	Scalings and Gum treatment	Silver Nitrate treatment	Radio-graphs	Dentures provided	
							Full Upper or Lower	Partial Upper or Lower
Expectant and Nursing Mothers ..	82	35	17	27	—	—	23	3
Children under five ..	466	321	27	2	4	—	—	—

### Welfare Foods

On 28th June, 1954, the Local Authority took over responsibility for the distribution and sale of Welfare Foods within the County Borough from the Ministry of Food. A Welfare Foods Officer and one assistant were appointed and during 1963 the following foods were sold at the various Clinics throughout the Borough :—

National Dried Milk	..	..	10,840 tins
Cod Liver Oil	..	..	1,012 bottles
Vitamins A and D	..	..	350 packets
Orange Juice	..	..	6,846 bottles

Distribution takes place at the various Clinics at the following times :—

<i>Dowlais Clinic</i>	..	Tuesday Afternoon	
<i>Merthyr Clinic</i>	..	Wednesday	{ Morning and Afternoon
		Friday	
		Saturday Morning	
<i>Troedyrhiw Clinic</i>	..	Monday Afternoon	
<i>Aberfan Clinic</i>	..	Monday Morning	
		Tuesday Morning	
<i>Treharris Clinic</i>	..	Thursday Morning & Afternoon.	

### BOARDING-OUT OF CHILDREN.

The undermentioned particulars here are supplied by the Children's Officer :—

#### Children Boarded-out as on the 31st of March, 1963.

1. Merthyr children boarded-out in Merthyr	47
2. Children boarded-out in Merthyr by other Authorities	3
3. Children supervised under Child Life Protection provisions and Part IV of the Adoption Act	4



## Infectious Diseases.

## WARD DISTRIBUTION OF NOTIFICATIONS RECEIVED—1963

WARD	DISEASE	Scarlet Fever	Diphtheria	Whooping Cough	Measles	Puerperal Pyrexia	Sonne Infection and Dysentery	Polionmyelitis	Salmonella Infections etc.	Ophthalmia Neonatorum	Gastro-Enteritis	Dysentery	Meningitis	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Pneumonia	TOTAL
DOWLAIS ..	..	2	—	—	4	—	—	—	—	—	—	—	—	5	1	—	12
PENYDARREN ..	..	1	—	2	1	—	—	—	—	—	—	—	1	3	1	—	9
PARK ..	..	4	—	—	14	—	—	—	—	—	—	—	—	7	1	—	27
CYFARTHFA ..	..	8	—	—	15	—	1	—	1	—	—	—	—	5	—	—	29
TOWN ..	..	1	—	—	9	—	—	—	—	—	1	—	—	3	—	—	14
PLYMOUTH ..	..	—	—	—	5	—	—	—	—	—	—	—	—	3	—	—	8
MERTHYR VALE ..	..	—	—	1	68	—	—	—	—	—	—	—	1	7	—	—	77
TREHARRIS ..	..	—	—	—	2	1	—	—	—	—	—	—	—	3	—	—	6
TOTAL ..	..	16	—	3	118	1	1	—	1	—	1	—	2	36	3	—	182

(Uncorrected Notification Totals stated).

### **Diphtheria/Tetanus Immunisation.**

In order to assess the effectiveness of personal contact in encouraging parents to have their children immunised against Diphtheria/Tetanus, a Pilot Scheme on a small scale was initiated by Dr. J. N. Bodger towards the end of 1962 at Dowlais Clinic. The technique used was to interview by appointment in the Clinic, the parents of children entering school who had not been or were incompletely immunised. The information as to their immunity state was readily obtained from the School Entrants Medical Proforma completed by the parent. It would appear that this is an excellent method to "fill the gaps" in order to ensure as full an immunisation programme as possible. However, the outcome of this trial cannot at the moment be fully commented upon because as yet it is incomplete, but there has been a noticeable increase in Primary and Reinforcing immunisation of children of the early school ages in 1963.

Parents are encouraged to make full use of the Immunisation Procedures available and each parent is fully informed personally by the Medical Officers of the benefits of immunisation against Tetanus as this is of particular importance. It should be reiterated that the question of :

- (a) a Permanent Record of Tetanus Toxoid administration, and
- (b) adequate interchange of information between Casualty Departments and Local Health Authority Clinics,

is a matter of urgency.

The table overleaf gives details of Diphtheria Immunisation carried out during 1963 and it should be pointed out that almost without exception the primary immunisations included that against Tetanus and in the case of infants a triple antigen to include protection against Pertussis was invariably used.

## DIPHTHERIA IMMUNISATION — 1963.

The following table gives the numbers of children in the various age groups who were immunised against Diphtheria up to the end of 1963.

	CHILDREN BORN IN YEARS :—						Total
	1963	1962	1961	1960	1959	1954-58	1949-53
Number of children who completed a full course of Primary Immunisation during 1963 .. .. .	341	313	27	8	5	133	2
Number of children who received a Secondary (Reinforcing) Injection during 1963 .. .. .	—	5	18	13	6	158	4
TOTAL .. .. .							

Number of children who completed a full course of Primary Immunisation during 1963 .. .. .

Number of children who received a Secondary (Reinforcing) Injection during 1963 .. .. .

TOTAL

**DIPHTHERIA.**

The number of cases of Diphtheria notified	..	Nil.
Number of deaths .. .. .	..	Nil.
Death Rate .. .. .	..	Nil.

During the year 1963, no notifications of Diphtheria were received,.

No deaths occurred during 1963.

**SCARLET FEVER.**

Number of cases for the year 1963	..	16
Number of deaths .. .. .	..	Nil.

The sixteen cases notified were nursed at home. The disease continues to be mild in type.

**MEASLES.**

Number of Cases for the year 1963	..	118
Number of Deaths .. .. .	..	Nil.

**ACUTE POLIOMYELITIS.**

There were no cases of Poliomyelitis notified during the year.

**GASTRITIS, DIARRHOEA AND ENTERITIS**

There were four deaths from Diarrhoea, Gastritis and Enteritis during the year. One case of gastro-enteritis was notified.

**CHICKEN POX.**

Chickenpox was not notifiable during the year, and we have no knowledge of the number of cases that occurred.

**SMALL-POX.**

No case of Small Pox was notified during the year.

## TUBERCULOSIS.

In 1963, eight deaths—seven males and one female—occurred from Pulmonary Tuberculosis. This represents a Death Rate of 136 per million population.

The deaths recorded in sex and age groups were as follows :

	0-4	5-14	15-44	45-64	65-74	Over 75
Males ..	—	—	2	3	2	—
Females ..	—	—	—	1	—	—

The Health Visitors of the Local Authority also carry out the duties of Tuberculosis Visitors and during 1963 they made sixty five visits to T.B. patients at their own homes. Much valuable co-operating is afforded by the Chest Clinic and the nurses are able to discuss specific cases with the Chest Physician's Medical and Nursing Staff. The District Nurses also participate in the treatment of T.B. patients at home who are either awaiting admission to Sanatoria or have been discharged therefrom.

## NOTIFICATIONS.

Total number of Notifications :

Pulmonary .. .. .	36
Non-Pulmonary .. .. .	3

*Notification Rates (Per Thousand Population) :*

Pulmonary .. .. .	0.61
Non-Pulmonary .. .. .	0.05

## DEATHS.

Total number of Deaths .. .. .	9
Pulmonary :	
Males .. .. .	7
Females .. .. .	1
Non-Pulmonary :	
Males .. .. .	1
Females .. .. .	—
Death Rate (all forms) .. .. .	153.3

## B.C.G. VACCINATION.

During the 1962-1963 School Year the first comprehensive Tuberculin Testing and B.C.G. Vaccination Scheme was completed. It was mentioned in last years report that the School Medical Services were inaugurating an Annual T.B. Skin testing Scheme for consenting pupils with B.C.G. Vaccination on attaining thirteen years of age. A pilot scheme was carried out last

year and in the light of experience gained it was decided that different types of school should be surveyed in different terms of the School Year in order to disturb the school work as little as possible. Thus Junior Schools were tested during Autumn Term so as not to interfere with the 11+ Examination, and Grammar Schools were visited at the end of the Summer Term after the GCE. and Sessional Examinations had been completed. Secondary Modern Schools could then be conveniently fitted into the Spring Term and as there are a number of Combined Junior Mixed and infants Schools in the Borough all Infants Schools were done during the Autumn Term.

In all 5,591 pupils were tested of whom 5,213 were read, the remaining 378 being absent from school during the reading sessions. There were 667 who were graded positive of whom 229 had previously been given BCG vaccination. Thus the positive reactor rate corrected for those who had previously been BCG'd was 84.02 per thousand pupils (or 8.4%). Of the 4,546 negative reactors, 702, who had attained 13 years of age, received BCG vaccination. As in previous years all +++ and ++++ reactors were referred to the Chest Clinic for X-ray examination and on the Chest Physicians recommendation some were given a precautionary course of INAH. One ++++ reactor was found on examination to be suffering from T.B. of the lung. The following are details of the reactors divided into school categories :

School Classification	REACTION					Rec'd BCG'd	Rec'd X-ray	Pos. Reactors previously BCG'd
	—	+	++	+++	++++			
Jnr. Mxd. & Inf.	3403	189	59	43	19	—	29	—
Sec. Modern	752	59	22	22	11	441	31	46
Grammar	391	91	103	39	10	261	15	183
TOTAL ..	4546	339	184	104	40	702	75	229

In addition to the above, the following skin testing and BCG Vaccination was carried out in 1963 as a part of the routine scheme :

Number tested	.. .. .	794
Number positive	.. .. .	246
Number negative	.. .. .	548
Received BCG	.. .. .	266
Number tested who had received BCG in previous years	.. .. .	249

The above scheme concerned pupils from Grammar and Secondary Modern Schools within the Borough.

Towards the end of 1963, a further 1188 pupils from Infants Schools were tested, of whom 89 were positive and the remaining 1,099 were negative. The positive reactors were X-rayed at the Chest Clinic and all were found to be clear.

## COLOUR VISION SCREENING

The inclusion of colour vision testing in the school medical inspection, was introduced in the Christmas term of 1960, so that school leavers of Secondary Modern and Grammar Schools were screened. In view of the small number of girls who possess a colour vision defect, boys only were thus examined.

Testing was done by use of the Ishihara Colour Vision Testing Plates and only those possessing an obvious defect, e.g., 9 correct answers or so out of 15, were informed of the adverse result. Error in reading one or two plates was ignored.

The findings were average in that between 7—8% of those examined were found to be defective and the defect in all cases was of the red—green type.

An Edridge—Green Colour Perception Lamp has been purchased. It will be of value in measuring the severity and confirming the type of defect, after screening by the Ishihara method, thereby enabling sound advice to be given with regard to future employment.

It was found that over half of those told of their defect were quite unaware of it, while the others had either suspected it or knew of it, following entrance medical examinations of one sort or another.

Classification	Grammar	Sec. Modern	Jnr. Mod. & Inf.	Total
Defective	291	323	340	954
Not Defective	103	323	189	615
Total	394	646	529	1569
Percentage Defective	74%	50%	64%	61%

## DEFECTIVE HEARING.

Plans directed towards the ascertainment of defective hearing in school and pre-school children, were well under way by mid 1960. Two School Medical Officers and two health visitor/school nurses in turn, had undergone the course at the Department of Education of the Deaf at Manchester University, and equipment considered essential for screening purposes was purchased, including an Amplivox Pure-tone Audiometer, Model 70. A sound-proof clinic was designed and approved and was completed early in 1961. In addition, it should be pointed out that we enjoy the full co-operation of our E.N.T. Surgeon.

In the Christmas term 1960, a small Pilot Audiometric Survey of school-entrants was decided on and carried out at three schools, in which 67 children were tested. These schools were chosen as being the most suitable in the Borough, having a room available with minimal background noise, ranging from 20—30 decibels, as

measured by a Sound Level Indicator, Type 1408 (Dawe). Of these 67 children, 10 were retested under more suitable conditions at the School Clinic and of these, 3 were referred to the E.N.T. Surgeon. It is significant to note that these 3 children (who were not school entrants, being in fact 7 years of age) were sent for testing by the schoolteachers, as they had suspected a hearing defect and had suitably placed them in class.

The testing was carried out jointly by two school medical officers and with the limited time available, it was necessary to spread out the work over five weeks in one or two hour sessions. It is unquestionably time-consuming and exacting work. Much useful first-hand practical experience was gained in this pilot study, which also served to outline clearly the main features of a screening programme.

It was decided as a result, that the initial policy to be followed should be :—

- (a) Ascertainment of all babies if possible, in the Infant Welfare Clinics, or at very least, those in an 'at risk' category.
- (b) Retesting of those 'at risk' on school entrance, rather than sweep-frequency schemes.
- (c) Audiometric testing after clinical examination of school children of any age, referred to the Clinic by the school doctor, family doctor, school nurse, teacher or parent.

Special consideration must be given to those children with chronic middle ear disease. Even though this condition is much less frequently encountered nowadays, it still occurs. The intermittent character of the deafness in such cases can be missed, so that repeated testing of this 'at risk' group is worthwhile. The introduction of a 'chronic otitis media' Register has much to commend it.

At the present time the number of children of school age who have a hearing defect sufficient to require attendance at a Special School, are as follows :—

Llandrindod Wells Schools for the Deaf .. 2

Three children were issued with hearing aids during 1963 making a total of 21 children of whom the Authority has records and are classified as partially deaf. A further six children in this category are suitably placed in their classrooms.

A questionnaire for completion on the Health Visitor's Primary Visit to all children born in the County Borough was introduced in the last quarter of 1961.

The following is a copy of the form which is designed to assist in the early detection of deafness and the ascertainment of infants in "At Risk" groups. The scheme came into full operation in the middle of 1962 when the first subjects attained suitable age and has continued in use during 1963.

COPY

## COUNTY BOROUGH OF MERTHYR TYDFIL

INFANT WELFARE SERVICE. ASCERTAINMENT OF DEAFNESS  
QUESTIONNAIRE

(To be completed by the Health Visitor at the Primary Visit).

NAME OF INFANT (Surname first) .....

Address .....

Date of Birth .....

## MOTHER

(Ante-natal and Natal)

- (a) Toxaemia of Pregnancy ..... Yes/No
- (b) Ante-partum haemorrhage ..... Yes/No
- (c) Rubella, measles or influenza in first four months of pregnancy ..... Yes/No
- (d) Abdominal X-rays in first four months of pregnancy ..... Yes/No
- (e) Was Labour prolonged or assisted by any instruments ..... Yes/No
- (f) Were any irregular antibodies found ante-natally ? ..... Yes/No.

## INFANT.

Medical :

- (a) Is there a family history of deafness ? ..... Yes/No
- (b) Was the infant premature ? ..... Yes/No
- (c) Was there any Rh-incompatability or history of post-natal jaundice ? ..... Yes/No
- (d) Have any congenital defects been noted ? ..... Yes/No

REMARKS (Any relevant information pertaining to the above) :

Date .....

(Signed) .....

(Health Visitor)

**ERYSIPELAS.**

Number of Notifications received during the year	Nil.
Number of Deaths .. .. .	Nil.

No notification of persons suffering from Erysipelas were received during the year, one less than the previous year.

**BRONCHITIS.**

Number of Deaths .. .. .	56
Bronchitis Death Rate (Per Million Population)	954

Forty-two of the deaths occurred amongst persons aged 65 years and over, and fourteen in the 45-64 years age group. Of these, 49 were males and 7 were females.

**WHOOPING - COUGH.**

Number of deaths from Whooping Cough ..	Nil.
Number of cases notified to the Department and visited by Health Visitors .. .. .	3
Whooping Cough Death Rate .. .. .	Nil.

**PNEUMONIA.**

Number of Notifications received during the year	Nil.
Number of Deaths from Pneumonia (all forms)	28
Pneumonia Death Rate (per Million Population)	477

**VENEREAL DISEASES.**

The facilities for diagnosis and treatment for the above conditions were transferred from Mardy Hospital to St. Tydfil's Hospital during 1960.

The Clinics are available at 3.30 p.m. for females on Tuesdays and for males on Thursdays at 5 p.m.

During the year 23 males and 2 females attended the clinic. The number of cases in which treatment was found not to be necessary was 7 males.

The number of attendances :—

(a) For individual attention of the Medical Officer was :  
73 males and 4 females.

(b) For intermediate treatment, etc. was :  
9.

## Attendances at V.D. Clinic 1942—1963

<i>Year</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
1942	2234	1851	4085
1943	1946	1699	3645
1944	2744	1110	3844
1945	2446	1430	3876
1946	2809	969	3378
1947	1406	681	2087
1948	1458	905	2363
1949	484	291	775
1950	671	306	977
1951	276	228	508
1952	203	67	270
1953	218	103	321
1954	177	133	310
1955	163	240	403
1956	81	211	292
1957	75	196	271
1958	132	85	217
1959	139	66	205
1960	112	10	122
1961	59	25	84
1962	77	1	78
1963	82	4	86

Patients who attended the Clinic for the first time during 1963 came from the following areas :—

Merthyr Tydfil	.. .. .	8
Monmouthshire	.. .. .	2
Glamorganshire	.. .. .	3
Breconshire	.. .. .	5

## Syphilitic Diseases.

Number of Deaths .. .. . Two

### SMALL POX VACCINATION.

During the latter part of 1960, monthly Smallpox vaccination Sessions were commenced at all Infant Welfare Clinics in the County Borough.

#### Small Pox Vaccination 1963

<i>Age Group</i>	<i>Primary Vaccination</i>	<i>Revaccination</i>
Under 1 year ..	1	—
1 year ..	12	—
2—4 ..	2	—
5—14 ..	2	—
15 and over ..	3	7
TOTAL ..	20	7

The Small Pox outbreak in South Wales in early 1962 was responsible for a great percentage of the population being vaccinated. It is natural that during 1963 very few were in need of vaccination and the decrease was further accentuated by the change in the immunisation programme postponing the Small Pox vaccination of infants until the second year of life.

### HOME NURSING.

The nurses operating this service continue to be very hard worked, although a much greater degree of co-operation seems apparent with the General Practitioners. I am sure the Doctors are fully aware of the amount of work that the District Nurses have to cope with and except in a very few isolated cases, they have gone to some length to relieve the Nurses if it is at all possible to do so. The table below gives details of the numbers of cases attended by the District Nurses during the year.

Total number of persons nursed during year ..	1452
Number of persons under 5 years on first visit ..	35
Number of persons over 65 years on first visit ..	516

## HOME HELP SERVICE.

During the year, one hundred and thirty eight home helps were employed on a part-time basis and they provided help in two hundred and twenty three cases. A Home Help Organiser commenced duties in 1963.

The increase in the number of part-time home helps and the cases receiving such help was continued again this year and the demand for this service seems to be growing continuously. Each case is dealt with on its merits and the hours of work per week for the help are allocated accordingly. Provision of help is principally to the aged and infirm and it is given free to Old Age Pensioners. Other cases are charged in accordance with a pre-arranged scale depending upon the family income. The following tables show the numbers and type of cases and the numbers of home helps employed :—

## Home Help Service—1963.

	HOME HELP TO HOUSEHOLDS FOR PERSONS					
	<i>Aged 65 or over on First Visit in 1963</i>	AGED UNDER 65 ON FIRST VISIT IN 1963				TOTAL
		<i>Chron.Sick &amp; T'culosis</i>	<i>Mentally D'ordered</i>	<i>M'ternity</i>	<i>Others</i>	
Number of Cases	196	8	5	—	14	223

Year	No. of cases where home help was provided.	No. of part-time home helps employed.	Wholetime equivalent.
1957	23	15	—
1958	68	41	—
1959	92	53	10
1960	122	61	11
1961	152	80	11
1962	162	105	20
1963	223	138	25

## MEDICAL EXAMINATION OF EMPLOYEES, STUDENTS, TEACHERS, ETC.

The following are details of medical examinations which were carried out by the Medical Officer of Health and Assistant Medical Officers during the year :—

College Students and Teaching Appointments	105
Omnibus Department .. .. .	53
Fire Brigade .. .. .	3
Town Hall & Education Dept. Candidates ..	68
Public Works Employees, etc. .. .. .	26
Police Candidates .. .. .	3
Superannuation .. .. .	12
TOTAL .. .. .	270

All the above received an X-Ray examination.

Five hundred and thirty two of those in the Omnibus, Town Hall, Education, Public Works, Architect's and Library Departments were examined for fitness to return to work after illness.

## CHIROPODY SERVICES.

In 1961, the Local Health Authority's approved scheme for, Chiropody Services in the County Borough commenced in a room designed for this purpose as a part of the extension to the Hollies Clinic. Two Part-time Chiropodists are employed and the service is offered to the following categories :—

1. The aged.
2. Physically Handicapped persons.
3. Expectant Mothers and Schoolchildren.

One female Chiropodist is employed on a sessional basis at present in order to give treatment to aged persons in Local Authority Homes.

During 1963 the Chiropody Service expanded considerably and is now a well-established and well patronised part of the Local Health Authority's facilities. The following are details of the treatment of patients during the year, almost all of them being aged persons :—

Treatments at the Chiropodists' Surgeries .. .. .	1189
Treatments in own homes .. .. .	205
Treatments at the Hollies Clinic .. .. .	246
Treatments at Old People's Hostels .. .. .	114
Total number of chiropody treatments in 1963 .. .. .	1754

## LIAISON WITH HOSPITAL MANAGEMENT COMMITTEE.

Liaison arrangements exist between the Local Health Authority, the Hospital Management Committee and the General Practitioners. This is particularly so in the admission of aged persons into hospital and the admission and discharge of Expectant Mothers to and from Maternity Hospitals. All children before and of school age receiving treatment in hospitals or out-patients Departments of the Management Committee are notified to the Local Health Authority and details of each case are sent for the information of the Assistant Medical Officers. Where necessary District Nurses attend children at home for extended treatment after discharge and follow-up examinations are carried out at the Infant Welfare or School Medical Clinics if required. A reciprocal arrangement exists should the Medical Officers wish to inform a General Practitioner of the condition of a child patient discovered at an Infant Welfare or School Medical Clinic.

## POLIOMYELITIS VACCINATION.

The following are details of Poliomyelitis vaccination carried out during 1963 as recorded in the quarterly returns submitted to the Ministry :—

No. of persons who received three doses of Oral Vaccine .. .. .	811
No. of persons who received a reinforcing dose .. .. .	1129

## AMBULANCE SERVICES

The Ambulance Service is centralized at the Market Hall. Mr. J. J. Tydl and is under the direct control of the Medical Officer of Health, to whom an Ambulance Officer located at the Market Hall is responsible for the running and efficiency of the service. The remarks I made in previous years regarding the number of ambulances engaged upon conveying patients to various Out-Patients Departments in Cardiff still hold. However, Out-Patients Departments are now in operation at St. Tydl's Hospital, and this has some effect upon the distances that patients are carried to such Departments. A great deal has been made to the General Practitioners to give sufficient notice so that all the patients can be put on one Ambulance instead of having say, three ambulances going at half-hourly intervals to various hospitals, each carrying one patient. It was apparent I feel sure, have not gone un- heeded but still a great amount of running time is wasted by am- bulances having to wait one or two hours at a time about the patients are seen. This of course is common to most Authorities who send patients some distance to the Consultation Centres. As I have said in previous years, I do not expect preferential treatment for Mr. J. J. Tydl's patients so that they may be seen immediately on arrival and waiting time is thus avoided, but the remarks regarding the hours of the service are a comparison of the hours of the service.

## PART 5.

## Welfare, Mental Health, Ambulance and Other Allied Services

Ambulance Service : Mileage : Patients : Journeys, 1920-1963.			
Year	Total number of journeys	Number of Patients carried	Total mileage covered
1920	3926	10044	61871
1921	3883	12341	61832
1922	6339	14399	60419.00
1923	6383	16604	101248
1924	12604	18001	109527
1925	7407	24490	119883
1926	7602	23207	117699
1927	7309	24681	121287
1928	7490	24740	120243
1929	7629	23841	127814
1930	7470	23621	121620
1931	7784	23218	122482
1932	7378	23021	118640
1933	7280	22323	118207

## AMBULANCE SERVICES.

The Ambulance Service is centralized at the Market Hall, Merthyr Tydfil and is under the direct control of the Medical Officer of Health, to whom an Ambulance Officer located at the Market Hall is responsible for the running and efficiency of the service. The remarks I made in previous years regarding the number of ambulances engaged upon conveying patients to various Out-Patients Departments in Cardiff still hold. However, Out-Patients Departments are now in operation at St. Tydfil's Hospital, and this has some effect upon the distances that patients are carried to such Departments. Appeals have been made to the General Practitioners to give sufficient notice so that all the patients can be put on one Ambulance instead of having say, three ambulances going at half-hourly intervals to various hospitals, each carrying one patient. These appeals, I feel sure, have not gone unheeded but still a great amount of running time is wasted by ambulances having to wait one or two hours at Cardiff until the patients are seen. This, of course, is common to most Authorities who send patients some distance to Treatment and Consultation Centres. As I have said in previous years, I would not expect preferential treatment for Merthyr patients so that they may be seen immediately on arrival and waiting time is thus minimal, but the fact remains that this system causes an unavoidable wastage of running-time and man hours. The following table shows a comparison of the Journeys, Patients carried and Mileage for the years 1950 to 1963.

**Ambulance Service ; Mileage ; Patients ;  
Journeys, 1950-1963.**

<i>Year.</i>	<i>Total number of journeys.</i>		<i>Number of Patients carried.</i>		<i>Total mileage covered.</i>	
1950	..	5926	..	10044	..	91831
1951	..	5853	..	12541	..	91835
1952	..	6359	..	14899	..	99419
1953	..	6582	..	16694	..	104548
1954	..	6924	..	18001	..	109527
1955	..	7407	..	24490	..	119882
1956	..	7602	..	25207	..	117699
1957	..	7509	..	24681	..	121587
1958	..	7490	..	24740	..	120543
1959	..	7659	..	23841	..	127814
1960	..	7470	..	23621	..	121620
1961	..	7784	..	23218	..	122485
1962	..	7378	..	23021	..	118640
1963	..	7280	..	22353	..	118207

## ANALYSIS OF PATIENTS TRANSPORTED DURING THE YEAR 1963

	Removed to :																																	
	St. Tydfil's Hospital	General Hospital	Mardy Isolation Hospital	Sandbrook House Hospital	Gwaunfarran Hospital	Cardiff Royal Infirmary	Llandough Hospital	Church Village Hospital	Prince of Wales Hospital	Glanelly Hospital	Whitchurch Hospital	Sully Hospital	T.B. Clinic	Ministry of Pensions, Cardiff	Pontsarn Sanatorium	Hollies Clinic	St. Winifred's Hospital	Morrison Hospital	Bridgend General	Home	Fedw Hir Hospital	St. David's Cardiff	St. Lawrence's, Chepstow	Glossop Terrace, Cardiff	Talgarth Sanatorium	Talygarn Hospital	Royal Gwent Hospital	Mountain Ash Hospital	Aberdare General Hospital	Other Hospitals, etc.	Royal Hamadryad Hospital	Rookwood Hospital	TOTALS	
Home ...	6986	1133	148	1	76	458	59	48	112		26	82	221	88			5	1	32	19	6	67	10	6	47								5	9866
St. Tydfil's Hospital...		276	359		535	26	8		18		13	2		10				5	14	6926	6	8	18	2	3									8247
General Hospital ...	220		189	1	1	22	9				9	12	205	5					5	1074	5	1			5		2	88	77	35	18	5	9866	
Mardy Isolation Hospital ...	53	49				4	2				1	12							1	173													1563	
Sandbrook Hospital ...		2																															515	
Gwaunfarran Mat. Home	12	4											2							41													2	
Cardiff Royal Infirmary ...	14	13	4						1											482													513	
Llandough Hospital ...	1																			52													42	
Church Village ...																				42													123	
Prince of Wales Hospital		9			1															113														
Glanelly Hospital ...																				32													68	
Whitchurch Hospital ...	25	11																		65													70	
Sully Hospital ...	1	2	2																	219													426	
T.B. Clinic ...			205		2																													
Pontsarn ...																																		
Hollies Clinic ...																																		
Fedw Hir Hospital ...	1	1																			2												4	
St. David's ...																					63												63	
Other Hospitals & Clinics	13	1	17																	274													305	
Collieries ...	161	2																		41													209	
Other Places ...	204	8																		12													224	
TOTALS ...	7700	1502	924	2	615	520	78	48	131		49	108	428	103			5	6	52	9630	17	76	28	8	55		2	88	94	56	23	5	22353	

Mileage—118207 miles.

Patients carried—22353

JOURNALS—7280



Next, details of the patients per journey for the years 1950 to 1963 are given. I have not included the year 1949 because I feel that that year was not a typical one, the service having just started and not got into its stride. Its inclusion in the table would falsely exaggerate the trend in the Patients per journey factor. The average number of patients per journey has been maintained at three.

I also feel that it helps to substantiate my remarks that the co-operation and consideration of the General Practitioners is much greater.

#### Patients Carried per Journey, 1950-1963.

<i>Year</i>	<i>Patients per Journey.</i>
1950	1.697
1951	2.143
1952	2.343
1953	2.536
1954	2.600
1955	3.307
1956	3.316
1957	3.287
1958	3.303
1959	3.112
1960	3.162
1961	3.000
1962	3.120
1963	3.070

#### MENTAL HEALTH.

The Local Authority is responsible for the control of the combined services of Community Care of the Mentally Handicapped and the initial proceedings for Psychiatric Treatment. The Local Authority has a special sub-committee of the Health Committee which deals with Mental Health Services. A part-time Consultant Psychiatrist who deals principally with school children, is available on the Staff for adult cases. However, all adults almost without exception, attend Psychiatric Outpatients Clinics at the Merthyr General Hospital at which a Consultant Psychiatrist employed by the Regional Hospital Board attends. With regard to children, in addition to the part-time Psychiatrist, the Local Education Authority employs a full-time Psychologist. Two of the Assistant Medical Officers are recognised by the Ministry of Education for the purposes of certification of children suffering from subnormality or severe subnormality under the provisions of the Mental Health Act, 1959. The Local Authority employs a full-time Senior Mental Welfare Officer and, in 1963, was assisted by one Mental Welfare Officer.

## Admissions to Psychiatric Hospitals

HOSPITAL	Informal	Observ. (Sec. 25)	Treatment (Sec. 26)	Hosp. Order Sec. 60	Urgency Observ. (Sec. 29)	Probation Condition C.I. Act 1948
Morganwg Hosp., Bridgend	.. 41	5	—	—	48	—
Whitchurch Hosp.	.. 2	—	—	—	—	—
Penyfal, Abergavenny	—	—	—	1	—	—

1. *Prevention Care.* During the year, the co-operation of the Merthyr and Aberdare Hospital Management Committee has continued and full advantage has been taken of the facilities provided by the Psychiatric Clinic held weekly in the Out-Patients' Department of the Merthyr General Hospital. Patients were submitted by the General Practitioners directly or through the Mental Welfare Officer. Where physical handicap or other causes prevent attendance at the Hospital, the Psychiatrist has willingly agreed to visit the home. Regular contact and liaison between relatives and patients receiving hospital treatment is maintained by the Mental Welfare Officer. Discharged patients are constantly supervised by the Local Health Authority and trial periods of discharge are given in order that patients may gradually reorientate themselves and adapt themselves once more to home life. Where homes are unsuitable or not available, patients are discharged to Hostel Accommodation under Part III of the National Assistance Act.

A new day training centre has been started and was nearing completion in 1962.

ii. *Subnormality and Severe Subnormality.* There are four patients awaiting admission to Psychiatric Hospitals for the Subnormal in respect of whom applications have been made to the Regional Psychiatrist.

## Patients from the County Borough in Hospitals, 1963.

Hospital	Male		Female	
	Over 16	Under 16	Over 16	Under 16
Hensol Castle, Pontyclun	.. 11	.. —	8	.. 1
Ely Hospital, Cardiff	.. 3	.. 5	2	.. 2
Stoke Pk. Colony, Bristol	.. 3	.. —	—	.. —
St. Mary's Convent, Roeh'mpton	—	.. —	1	.. —
Llanfrechfa Grange, Newport	.. 2	.. —	7	.. —
Brynhyfryd, Welshpool	.. —	.. —	1	.. —
Mt. Pleasant, Swansea	.. —	.. —	—	.. —
Llysmaidwyn Caersws	.. —	.. —	1	.. —

iii. *Mentally Handicapped in the Community.* The Local Authority is responsible for the supervision of patients on leave from Psychiatric Hospitals. Reports on the home conditions and supervision are carried out by the Mental Welfare Officers in co-operation with the Health Visitors. The number of patients under special supervision in 1962 together with the number of patients awaiting hospital care and on leave is as follows :—

	<i>Males</i>				<i>Females</i>			
	<i>Over 16.</i>		<i>Under 16</i>		<i>Over 16.</i>		<i>Under 16</i>	
Awaiting admission to Institutions	—	..	—		1	..	—	
On leave .. .. .	—	..	—		—	..	—	
Under supervision .. .. .	55	..	14		44	..	13	

### EDUCATIONAL PSYCHOLOGY SERVICE

Immediately after the last war, a comprehensive Child Psychology Service was set up as a part of the School Medical Service. The Local Authority employs an Educational Psychologist with a staff including a Speech Therapist and has the part-time services of a Psychiatrist. As an integral part of the School Medical Service, cases are constantly referred to and from the Child Guidance Clinic and the Health Visitors in their capacity as School Nurses have attended the Child Guidance Clinic from time to time to acquaint themselves with new cases and procedures. The following tables are taken from my School Medical Report for 1963 and show the various referral sources and the type of cases treated :

#### Referring Agencies.

<i>Source</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Schools .. .. .	37	17	54
Health Department .. .. .	17	5	22
Parent .. .. .	10	4	14
Paediatrician .. .. .	8	3	11
Children's Officer .. .. .	—	2	2
General Practitioners .. .. .	5	2	7
Magistrates Clerks .. .. .	2	—	2
Probation Officer .. .. .	..	1	1
Education Dept. .. .. .	—	3	3
N.S.P.C.C. Officer .. .. .	—	1	1
TOTALS .. .. .	79	38	117

## Reason for Initial Referral.

<i>Reason</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Speech Difficulties .. ..	19	6	25
Educational .. ..	27	15	42
Nervous or Maladjusted ..	31	14	45
Mentally Handicapped ..	2	3	5
TOTAL .. ..	79	38	117

It is interesting to note that whereas in 1962 only 25 per cent. of the Speech cases were referred by headteachers, in 1963 40 per cent. of Speech cases were referred through schools. Most of these are young children, and we appreciate having those cases brought to our notice in the early stages.

## WELFARE SERVICES.

The services provided have greatly contributed to the well-being of the Aged, Infirm and Handicapped, and are increasing year by year. With regard to the former, Residential accommodation was provided for 113 persons, as follows :—

Duffryn Taf .. ..	27 male	13 female
Pentrebach House ..	25 male	—
Pantyscallog House		
Gurnos/St. Tydfil's ..	33 male	15 female
	85 male	28 female

Temporary accommodation was provided in two instances at Duffryn Taf and Pentrebach House to enable the relatives who normally looked after the old persons to enjoy a short holiday.

The homes are mainly ideally situated in their own grounds and every endeavour is made to make them homes in the true sense of the word. The residents are not tied down by petty restrictions, but are allowed, within reason and ability, to come and go as they please, receive visitors regularly, go on holiday, etc. They have radio and television in each of the homes and everyone receives a weekly allowance of sweets or tobacco. Haircutting and chiropody services are provided as are all the other services which are generally supplied under the National Health Service Act. Friends and members of the public at large are encouraged to visit these homes and a great many of them take advantage of this.

During the year, Schemes have been extended for the provision of Welfare Services for the Handicapped other than the Blind, Partially Sighted and Deaf or Dumb, and a Welfare Officer appointed for this purpose. The following are details of the registration made :—

**Register of Handicapped Person:—General Classes.**

<i>Classification.</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Amputation .. .. .	5	1	6
Arthritis & Rheumatism .. .. .	4	19	23
Congenital Malformations & deformities	11	14	25
Diseases of Digestive & Genito-Urinary Systems of Heart or Circul. System or Respiratory System (other than Tuberculosis) and of skin .. .. .	1	2	3
Injuries of head, face, neck, thorax, abdomen, pelvis or trunk. Injuries or diseases (other than Tuberculosis) of upper and lower limbs and of the spine	15	3	18
Organic Nervous diseases .. .. .	21	19	40
Neurosis .. .. .	2	1	3
Tuberculosis (Respiratory) .. .. .	1	—	1
do. (Non-respiratory) .. .. .	1	—	1
	<hr/> 61	<hr/> 59	<hr/> 120

**GROUPING :**

*Persons 16 years and upwards.*

Capable of work under ordinary conditions	4	—	4
Incapable of work under ordinary conditions but mobile and capable of work in Sheltered workshops .. .. .	2	—	2
Incapable of work under ordinary conditions and insufficiently mobile for work in sheltered workshops but capable of work at home .. .. .	11	14	25
Incapable or not available for work .. .. .	33	38	71
Children under 16 whose needs are likely to be met by other enactments but for whom the L.A. have a general responsibility under S.29 of N.A. Act, 1948 .. .. .	11	4	15
	<hr/> 61	<hr/> 56	<hr/> 117

### Register of Deaf—with or without speech.

	Degree of Deafness			Degree of Speech			Cause	
	Total	Severe	Slight	Normal	Indis- dist. but intell.	Unin- tel.	Born	Acqu- ired
Male ..	6	4	—	2	3	5	4	6
Female ..	8	1	—	2	2	5	2	7
	14	5	—	4	5	10	6	13

### Disabled Driver's Car Badges.

In accordance with Welsh Board of Health Circular 17/61, the total of Car Badges issued in 1963 was 21.

### Burial or Cremation of the Dead.

Arrangements were made for the burial or cremation of 2 persons during the year, as follows :—

Cost borne by Welfare Committee .. ..	1
Cost covered by Death Grant .. ..	—
Cost borne by relatives .. ..	1

### General Social Welfare :

Regular visiting has been maintained under the Handicapped Schemes and a great deal of help and encouragement given, not only to those persons registered under the Schemes, but to all cases brought to the attention of the Department. A great deal has been done with the help of Voluntary Organisations, with whom a close and extremely helpful liason has been built up. The Old People's Welfare Committee, with whom the Department is very closely linked, has, in conjunction with the W.V.S., greatly increased the Meals-on-Wheels Service. Many cases of hardship have been brought to light from this source and regular reports made to the Welfare Office.

During the year there were many fires in the County Borough, and a great deal of help was afforded the affected families in the way of furniture, bedding, etc., which had been donated to the Department. The W.V.S. Clothing Stores also supplied clothing at the Department's request.

In August, 1963, the remaining residents in Part III Accommodation at St. Tydfil's Hospital were transferred to the new purpose-built home on the Gurnos Estate. This meant an end to the old Public Assistance Institution in the County Borough.

**(b) Section 29—Welfare of the Blind.**

The welfare of Blind persons is undertaken on an agency basis on behalf of the Council by the Merthyr Tydfil Institution for the Blind. The number of registered blind persons during the year was 225, which is a decrease of 14 since last year.

The blind population is grouped as follows :—

0-4	5-10	11-15	16-20	21-29	30-39	40-49	50-59	60-64
Nil.	Nil	2	3	5	4	8	25	22
65-69		70 and over.						
24		132						

Of the twenty persons employed in the workshops, three men work in the Basket Department, nine men in the Brush Department, five men in the Mat Department, and three women in the Hosiery Department. The Institute has the services of a Blind Organiser employed by the Royal National Institute. A total of three persons employed are employed in sighted industry.

During the year 76 persons were examined by Dr. Parry for blindness and 18 were certified as blind persons in accordance with the Act.

On the 31st December, 1963, there were 145 Partially Sighted persons on the Register grouped as follows :—

16-20	21-49	50-64	Over 65 years
1	3	17	124

**(c) Incidence of Blindness.**

During the year 1963, eighteen persons were admitted to the Register of the Blind and 58 (including re-examinations) to the Register of the Partially Sighted on receipt of Form B.D.8.

Of the 18 blind cases, the causes were as follows : Cataract, 3 with 2 for treatment ; Glaucoma, 4 with 3 for treatment ; Retinal, 5 with 2 for treatment ; Various, 6 with 3 for treatment. Total 18.

Total number of Forms B.D.8 received was 76.

**PENTREBACH TRAINING CENTRE.**

The Pentrebach Training Centre was opened on the 29th April, 1963. It is a purpose-built centre for the training of Sub-normal and severely Sub-normal children and adults. The first intake of pupils numbered sixteen and were in the age range of five to sixteen years. All sixteen children had attended normal school on a full-time or part-time basis.

The Centre is staffed by Mrs. B. Lawrence, Supervisor and four Assistant Supervisors, namely, Mrs. Hayes, Mrs. Tonge, Mrs. Washbrooke and Mrs. O'Driscoll.

On June 4th, 1963, five girls between 17 years and 21 years were admitted, thus bringing the register to twenty-one and marking the beginning of the senior section of the Centre.

The official opening took place on the 5th September, 1963, when the unveiling ceremony was performed by Mr. Franklyn Williams, Chairman Welsh Board of Health in the presence of Councillor M. McGinty, Mayor of Merthyr Tydfil, Dr. T. H. Stephens, Medical Officer of Health, Mr. T. S. Evans, Town Clerk, Mr. K. W. Craven, Borough Architect, Alderman D. R. Tudor, Chairman Health Committee, Councillor M. Deasy, Chairman Mental Health Committee and many other Civic dignitaries.

By Christmas the number of pupils had increased to twenty six and all celebrated very happy Christmas festivities made the more memorable by the kindness of local charitable organisations.

On the 31st December, 1963, there were 142 partially sighted persons on the Register grouped as follows:

Age Group	Number
16-20	1
21-25	3
26-30	1
31-35	1
36-40	1
41-45	1
46-50	1
51-55	1
56-60	1
61-65	1
Over 65 years	1

During the year 1963, eighteen persons were admitted to the Register of the Blind and 28 (including re-examinations) to the Register of the Partially Sighted on receipt of Form B.D.S.

Of the 18 blind cases the causes were as follows: Cataracts 3 with 2 for treatment; Glaucoma 4 with 1 for treatment; Retinal 2 with 2 for treatment; Various 6 with 1 for treatment. Total 18.

Total number of Forms B.D.S. received was 261 on 31st December 1963.

#### PENTREBACH TRAINING CENTRE

The Pentrebach Training Centre was opened on the 29th April, 1963. It is a purpose-built centre for the training of Sub-normal and severely Sub-normal children and adults. The first intake of pupils numbered sixteen and were in the age range of five to sixteen years. All sixteen children had attended normal school on a full-time or part-time basis.

The Centre is staffed by Mrs. B. Lawrence, Supervisor and four Assistant Supervisors, namely, Mrs. Hester, Mrs. Jones, Mrs. Westbrooke and Mrs. O'Donnell.

# SANITARY INSPECTIONS OF THE AREA.

Inspection Made During the Year

1411	Housing	1411
1411	Of the Notices served, 250 were Statutory and 141 Informal	1411
1411	Mechanical Factories	1411
1411	Repairs carried out or nuisances abated:	1411
1411	Non-Mechanical Factories	1411
1411	Number of houses repaired or made fit	1411
1411	Workplaces	1411
1411	Roofs repaired	1411
1411	Floors repaired, ventilated, stained or repainted	1411
1411	Internal plastering to walls and ceilings	1411
1411	Windows repaired or renewed	1411
1411	Gas Cords renewed	1411
1411	Stairs and staircases repaired	1411
1411	Skirting boards provided or renewed	1411
1411	Doors repaired, rehung or renewed	1411
1411	Chimney stacks repaired or renewed	1411
1411	Sink wastes repaired or renewed	1411
1411	New sinks provided or renewed	1411
1411	Internal walls cemented or repainted	1411
1411	Drains and rainwater pipes repaired or renewed	1411
1411	Dangerous walls repaired or renewed	1411
1411	Yards and passages repaired and paved	1411
1411	Obstructed drains cleaned	1411
1411	Yard Gullies provided	1411
1411	Drains repaired or reconstructed	1411
1411	Inspection chamber covers renewed	1411
1411	W.C. pans renewed	1411
1411	W.C. cisterns repaired or renewed	1411
1411	Soil pipes or ventilating shafts renewed or repaired	1411
1411	Closet structures repaired or reconstructed	1411
1411	Animals improperly kept	1411
1411	Smoke nuisances	1411
1411	Accumulations	1411
1411	Disinfection of houses on notification	1411

## PART 6.

### Report of the Chief Public Health Inspector on Sanitary Inspection and Housing and The Inspection and Supervision of Food

# SANITARY INSPECTIONS OF THE AREA.

Of the Notices served, 260 were Statutory and 464 Informal.

Repairs carried out or nuisances abated :

1.	Number of houses repaired or made fit	..	..	114
2.	Provided with vertical damp courses	..	..	—
3.	Roofs repaired	..	..	105
4.	Floors repaired, ventilated, etc.	..	..	13
5.	Internal plasterings to walls and ceilings	..	..	36
6.	Windows repaired and made to open, etc.	..	..	62
7.	Sash Cords renewed	..	..	4
8.	Food Stores repaired, etc.	..	..	—
9.	Stairs and staircases repaired	..	..	3
10.	Skirting boards provided or repaired	..	..	3
11.	Doors repaired, rehung or renewed	..	..	39
12.	Firegrates repaired, reset or renewed	..	..	3
13.	Chimney stacks repaired	..	..	22
14.	Sink wastes repaired or renewed	..	..	1
15.	New sinks provided or fitted	..	..	—
16.	External walls, repaired, cemented or rebuilt	..	..	23
17.	Ovens repaired or renewed	..	..	2
18.	Eavesgutters and rainwater pipes repaired or renewed	..	..	56
19.	Dangerous walls repaired	..	..	17
20.	Yards and passages repaired and paved	..	..	8
21.	Obstructed drains cleansed	..	..	132
22.	Yard Gulleys provided	..	..	3
23.	Drains repaired or reconstructed	..	..	47
24.	Inspection chamber covers renewed	..	..	3
25.	W.C. pans renewed	..	..	67
26.	W.C. cisterns repaired or renewed	..	..	78
27.	Soil pipes or ventilating shafts renewed or repaired	..	..	—
28.	Closet structures repaired or reconstructed	..	..	53
29.	Animals improperly kept	..	..	—
30.	Smoke nuisances	..	..	11
31.	Accumulations	..	..	—

## INSPECTIONS.

*Inspection Made During the Year :*

Housing .. .. .	1141
Council Houses .. .. .	288
Mechanical Factories .. .. .	142
Non-Mechanical Factories .. .. .	106
Bakehouses .. .. .	184
Workplaces .. .. .	120
Food Preparation Premises .. .. .	583
Canteens .. .. .	281
Fish Fryers .. .. .	158
Inns, Public Houses, etc. .. .. .	257
Milk and Dairies Regulations .. .. .	221
Slaughter Houses and Meat Depots .. .. .	330
Offensive Trades .. .. .	26
Food Hawkers .. .. .	123
Common Lodging Houses .. .. .	21
Houses let in Lodgings .. .. .	90
Infectious Diseases Investigated .. .. .	57
Infectious Diseases revisits .. .. .	—

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Complaints received .. .. .	844
Notices Issued .. .. .	724
Clothing/Premises disinfected .. .. .	69
Premises disinfested .. .. .	423
Lengths of drain tested (in feet) .. .. .	2980
Disinfestation on removal to Council Houses .. .. .	92

## RODENT CONTROL REPORT FOR 1963. PREVENTION OF DAMAGE BY PESTS ACT, 1949.

In accordance with the above Act the work of Rodent Control was continued throughout the year.

Complaints from the Occupiers of 388 premises were investigated and treatment carried out where necessary. Several other infestations were discovered through investigations and inspections, these were dealt with accordingly.

In addition visits and inspections were carried out at Farms and Agricultural properties, and the work of baiting and poisoning sewers throughout the Borough has been continued.

The details of all work carried out during the year is as follows :—

### 1. TREATMENT OF SEWERS.

#### CONTINUATION OF TREATMENT No. 31 (FOLLOW-UP).

Dates of treatment .. Started on 4th March, 1963.  
Completed on 29th March, 1963.

Number of manholes baited 1011 (17 were flooded—79 re-baited or extra).

2 men employed as for previous follow-up treatments.

176 lbs. of Ready-mix poisoned bait used for this treatment.

#### MAINTENANCE TREATMENT No. 32.

Dates of treatment .. Started on 23rd July, 1963.  
Completed on 13th September, 1963.

Number of manholes baited 760 (plus 1011) total of 1771.

2 Men employed as for previous treatments.

298½-lbs. of Ready-mix poisoned bait used for this treatment.

#### TEST BAITING (Started on 17th June and completed on 22nd July, 1963) :

Number of manholes test baited .. .. 214

Number of manholes showing bait take .. 60.

### 2. OTHER SURFACE AND SEWER DISINFESTATIONS.

Number of Complaints and investigations .. 75

Number of treatments and re-treatments .. 31

## 3. REFUSE TIPS.

All Refuse Tips in the borough were visited and inspected regularly during the year and where infestations were found they were dealt with accordingly.

## 4. SURFACE DISINFESTATIONS.

The following table shows the work carried out during the year by the Rodent Control staff in connection with surface disinfestations :—

		TYPE OF PROPERTY				
		Local Authority	Dwelling Houses	B.P. and all others	Total	Agricultural
No. of properties inspected as a result of notification .. ..		28	283	77	388	2
No. found to be infested by :						
Common rat	Major ..	1	2	1	4	—
	Minor ..	8	146	51	205	1
Ship rat .. ..	Major ..	—	—	—	—	—
	Minor ..	—	—	—	—	—
House mouse ..	Major ..	10	106	13	129	—
	Minor ..	1	2	—	3	—
No. of properties inspected as a result of Survey under Act ..		29	530	44	603	37
No. found to be infested by :						
Common rat ..	Major ..	—	—	—	—	—
	Minor ..	—	40	1	41	1
Ship rat .. ..	Major ..	—	—	—	—	—
	Minor ..	—	—	—	—	—
House mouse	Major ..	—	18	—	18	—
	Minor ..	—	6	—	6	—
No. of properties otherwise inspected .. ..		13	89	13	115	15

Table continued on next page

4. SURFACE TREATMENTS—*continued*

	TYPE OF PROPERTY				
	Local Authority	Dwelling Houses	B.P. and all others	Total	Agri-cultural
No. found to be infested by :					
Major ..	—	—	—	—	—
Common rat					
Minor ..	2	19	3	24	—
Ship rat .. ..					
Major ..	—	—	—	—	—
Minor ..	—	—	—	—	—
House mouse					
Major ..	1	18	1	20	—
Minor ..	—	—	—	—	—
Total inspections carried out including re-inspections ..	72	1031	140	1243	58
No. of infested properties (2, 3 & 4) treated by L.A. ..	23	357	70	450	2
Total treatments carried out—including re-treatments ..	25	452	74	551	3
Block Control treatments ..	—	—	—	5	—

## SHOPS ACT 1950 and other MISCELLANEOUS ACTS.

## Shops Act 1950 :

In connection with this Act and the Young Persons (Employment) Act 1938, 721 visits of inspection etc. were made in order to ensure the records, hours of employment, etc. were correctly observed at shops, wholesalers and other premises where this Act is operative. A small number of minor infringements were noted but these were corrected on giving a verbal warning. four written notices were issued for non-compliance.

621 visits of inspection and registration were made under Section 37 of the Shops Act 1950, which embraces the health and welfare of shop workers, and also under the Early Closing, and Hours of Closing Sections. nine informal notices were served under Section 37 and details of these are enumerated below :

Requirement.	Number Defective.	Informal Notices Served.	Statutory Notices Served.
Provision and maintenance of :			
(a) Sanitary Conveniences	6	6	Nil.
(b) Washing Facilities ..	2	2	Nil.
(c) Temperature .. ..	1	1	Nil.
(d) Ventilation .. ..	—	—	Nil.
TOTAL ..	9	9	Nil.

### **Pharmacy and Poisons Act :**

Forty-six premises are registered for the sale of Poisons listed in Part II of the Pharmacy and Poisons Act, 1933. 71 visits of inspection were made during the year and in all cases the Act was properly observed.

### **Refreshment Houses Act, 1870.**

Twenty-five licences of registration under this Act were issued by the Town Clerk's Department during the year.

### **Heating Appliances (Fireguards) Act.**

All appliances inspected during the year were found to comply with this Act.

## **COMMON LODGING HOUSES.**

There is now only one common lodging-house in the County Borough and it was visited twenty-one times during the year. The conditions generally may be said to be fairly satisfactory. There is a possibility that the area in which it is situated may be cleared in the next few years.

## **OFFENSIVE TRADES.**

There are 2 premises where offensive trades are carried on : fellmonger, 1 ; knackers, 1.

No complaints regarding these premises were received during the year. Twenty- six inspections were made during the year.

## **SCHOOLS.**

The sanitary condition of Schools is reported in the School Medical Report. The action taken in relation to the health of the scholars and for preventing the spread of infectious diseases is in conformity with the "Memorandum on Closure and Exclusion from School on account of Infectious Illness," 1956, issued conjointly by the Ministry of Health and the Ministry of Education.

## **CLOSET ACCOMMODATION.**

Seventy-eight notices to repair or replace w.c. cisterns and sixty-seven notices to renew w.c. pans were served during the year. One hundred and eighty-five notices were issued to repair dilapidated, defective and choked drains.

## PROSECUTIONS 1963.

The following is a summary of Police Court Proceedings taken during 1963 :—

<i>Nature of Offence and Act under which proceedings were taken.</i>	<i>Initials of Defendant</i>	<i>Result</i>
Trespass .. ..	A.M.	Injunction in form asked granted to the Council together with damages of £1 and fixed costs of £4/2/-.
Food & Drugs Act, 1955	D.R. & Sons.	Fined £10.
Public Health Act, 1936 Sec. 45.	J.J. & H.	Absolute Discharge. The work having been done. 4/- Costs.
Trespass .. ..	W.W.	Injunction in form asked granted to the Council together with damages of £1 and fixed costs of £4/2/-..
Trespass .. ..	S.S.	do.
Trespass .. ..	G.R.	Undertaking given not to repeat trespass. 1/- Damages £4/2/- Costs.
Food & Drugs Act, 1955 Sec. 8.	F.W.W. -Ltd.	Fined £25.
Food & Drugs Act 1957	G.M. Ltd.	Dismissed. Warrant pleaded. (Firm outside U.K. jurisdiction).
do. .. ..	H. & C. Ltd.	Fined £10.
do. 1955 .. ..	E.L.	Fined £5.

## PUBLIC CLEANSING.

### REFUSE COLLECTION.

The method of refuse collection is by means of mechanical transport, resulting in a twice weekly collection.

### REFUSE DISPOSAL.

Refuse collected from the Town, Dowlais, Penydarren and Park Areas was deposited at Mountain Hare near Slip Road A.4060.

Refuse from the Lower valley areas—Abercanaid, Pen-tre-bach, Troedyrhiw, Treharris, Quakers' Yard, Abercynon and Merthyr Vale, near Tycook Farm, Treharris.

### STREET CLEANSING :

Road and streets throughout the Borough are cleansed each day by manual and mechanical brushing. Street gullies are emptied and cleansed by Automatic Gully Cleansers.

## RENT ACT 1957.

Number of Applications for Certificates of Disrepair	..	7
Number of Certificates granted	.. .. .	7
Number of Certificates Cancelled	.. .. .	4
Number of Undertakings submitted and accepted	.. .. .	2

## CONVERSIONS TO WATERCLOSETS.

In pursuance of the powers granted under Section 47 of the Public Health Act 1936, the Council agreed to commence this scheme throughout the borough whereby the local authority asked for tenders from local builders to carry out the specified works to properties that require conversions. During this year 128 conversions were carried out at various places within the Borough at a cost of £2,951, fifty percent of which is recoverable from the owners of these properties.

## HOUSING STATISTICS.

## 1. Inspection of dwelling houses during the year :—

(1) (a) Total number of dwelling houses inspected for housing defects (under the Public Health or Housing Acts) .. .. .	1429
(b) Number of inspections made for the purpose .. .. .	1610
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing (Consolidated) Regulations, 1925 .. .. .	253
(b) Number of inspections made for the purpose .. .. .	271
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. .. .	114
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-heads) found not to be in all respects reasonably fit for human habitation .. .. .	241

## 2. Remedy of defects during the year without service of formal notices :

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers .. .. .	210
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## 3. Proceedings under the Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied .. .. .	421
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By owners .. .. .	221
(b) By Local Authority in default of owners .. .. .	—

## 4. Procedure under Section 17 of the Housing Act, 1957, and the Housing Subsidies Act, 1956 :—

(1) Number of dwelling houses in respect of which Demolition Orders were made .. .. .	16
(2) Number of dwelling houses demolished in pursuance of Demolition Orders .. .. .	14
(3) Number of dwelling houses demolished as a result of informal action .. .. .	—
(4) Number of houses closed in pursuance of an undertaking given by the owners .. .. .	—
(5) Number of dwelling houses in respect of which Closing Orders were made .. .. .	13
(6) Number of houses closed in pursuance of Closing Orders .. .. .	14
(7) Number of Local Authority owned houses certified unfit .. .. .	—
(8) Number of Local Authority owned houses demolished .. .. .	—
(9) Number of houses closed under Section 18 of Housing Act, 1937 .. .. .	—

## 5. CLEARANCE AREAS.

(1) Number of Clearance Areas declared .. .. .	—
(2) Number of houses declared unfit for human habitation in these areas .. .. .	—
(3) Number of houses included by reason of bad arrangement .. .. .	—
(4) Houses on land acquired under Sec. 43(2) Housing Act, 1957 .. .. .	—
(5) Number of families rehoused from clearance areas .. .. .	—
(6) Number of houses demolished .. .. .	—

## HOUSE PURCHASE ADVANCES.

The Council commenced House Purchase Advances in May, 1962, and during 1963, two hundred and sixteen were received. The total amount of money advanced for the approved applications was £219,480. Applications are dealt with initially by the Borough Treasurer's Department and each house is valued by an independent Valuer. A Public Health Inspector inspects the house and a list of the defects found is incorporated in the loan agreement so that the mortgagee can arrange for these to be remedied in the time specified. All applications are considered by an Officers Subcommittee which meets at frequent intervals and this Subcommittee reports its decisions to a Council Committee. The properties are re-inspected by a Public Health Inspector after the specified time has elapsed in order to ensure that the repairs clause of the agreement has been complied with.

## IMPROVEMENT GRANTS.

### Discretionary Grants.

Five hundred and twenty-six applications for Discretionary Grants have been approved since the scheme was introduced in 1955. Of this number, one hundred and twenty-one schemes have been completed and three hundred and fifty-two are in progress or awaiting commencement. Thirty-seven were withdrawn or not approved during the development period. The total amount of the approved grants was £26,082 4s. 0d. In 1963, fifty applications for Discretionary Grants were referred to the Department for observation. Each property was inspected, resulting in all applications being approved. On the 31st December, 1963, thirty-four schemes were in progress and fifteen had been withdrawn or not commenced. The approved grants for 1963 amounted to £4,456 4s. 1d.

### Standard Grants.

This Scheme came into operation in 1959 and altogether two hundred and eighty-seven applications have been received up to the end of 1963, of which two hundred and forty-five were approved by the Department. Twenty-six schemes have been completed, one hundred and forty-two are in progress or awaiting commencement and five have been withdrawn or not approved during the development period. Standard Grants to the end of 1963 amounted to £7,441 8s. 3d.

Forty-five applications were received in 1963 and approved by the Department. By 31st December, 1963, four schemes had been completed, twenty-four were in progress and five were substituted by a Discretionary Grant. Grants during 1963 amounted to £2,273 8s. 1d.

### HOUSING PROGRESS—1963.

Total number of houses in the County Borough .. ..	18,324
Number of privately owned houses .. ..	14,144
Number of houses owned by the Local Authority :	
Pre 1939 .. .. .	1,357
Post 1945 .. .. .	2,823
<div style="text-align: right;">TOTAL .. ..</div>	<div style="border-top: 1px solid black;">18,324</div>
Number of houses built during 1963 :	
Council .. .. .	6
Privately Owned .. .. .	79

### THE MEASUREMENT OF ATMOSPHERIC POLLUTION.

There are at present three stations measuring atmospheric pollution within the County Borough area. These record the deposits of solid particles of combustion and Sulphur Dioxide on a monthly basis. They are situated on the roofs of the following premises :—

- Station No. 1—Pantglas Sec. Modern School, Aberfan ;
- Station No. 2—College of Further Education, Ynysfach,  
Merthyr Tydfil ;
- Station No. 3—Pant Infants' School, Dowlais.

In comparison with the monthly Summary of Observations issued by the Department of Scientific and Industrial Research in all towns throughout the country, the readings from our stations indicated is below the national average and compare very favourably with some of the cleanest stations. A daily Smoke and Sulphur Dioxide recording apparatus was set up periodically during the year at the Hollies Clinic and these results are also very favourable.

No action has been taken to date to promote the making of Smoke Control Areas. This does not mean that the Local Authority is complacent about these matters but regard should be given to the fact that virtually all the solid fuel burnt in this area is of low volatile content, indeed domestic coal supplied in the district contains 12—15% volatiles. Nevertheless, a Byelaw has been adopted which makes it obligatory for approved appliances to be fitted in all new installations and alterations. All new industrial installations, including incinerators, are notified to the Local Authority for prior approval.

The monthly average figures for each deposit gauge are given on next page together with a comparison of yearly summer and winter readings.

## COMPARISON OF MONTHLY DEPOSIT GAUGE READINGS — 1963

Classi- fication	Station	Rainfall in inches	Insoluble matter	Ash*	Soluble matter*	Total Solids	Daily Wt. of SO <sub>3</sub> gms/100 sq.cms.
Yearly Average	Pantglas	4.32	7.68	4.97	7.67	15.35	0.53
	College of F.E.	3.17	4.01	2.29	5.26	9.44	0.71
	Pant Infants	4.12	6.34	3.87	12.54	18.88	0.66
Winter Average	Pantglas	4.89	7.14	4.92	9.91	17.05	0.75
	College of F.E.	4.24	4.60	2.50	6.83	11.43	1.01
	Pant Infants	4.88	5.39	3.41	13.15	18.55	0.73
Summer Average	Pantglas	3.74	8.21	5.02	5.44	13.65	0.31
	College of F.E.	2.05	3.42	2.08	3.68	7.44	0.40
	Pant Infants	3.35	7.28	4.32	11.96	19.21	0.59

MONTHLY DEPOSIT GAUGE READINGS 1963—No. 1 Station  
Pantglas S.M. School.

Month	Rainfall in Inches	Insoluble Matter*	Ash*	Soluble Matter*	Total Solids*	Daily Wt. of SO <sub>3</sub>
January ..	0.24	1.81	0.94	2.18	3.99	1.02
February ..	2.20	7.48	5.24	4.83	12.31	1.17
March ..	8.78	6.38	5.57	17.62	24.00	0.70
April ..	4.96	9.26	5.84	6.41	15.67	0.56
May ..	3.19	7.55	4.30	7.89	15.44	0.42
June ..	4.06	10.70	7.72	5.00	15.70	0.28
July ..	3.10	7.18	4.30	2.89	10.07	0.21
August ..	4.16	9.20	4.90	5.40	14.60	0.16
September ..	2.99	5.40	3.02	5.03	10.43	0.27
October ..	2.72	8.96	6.24	4.43	13.39	0.42
November ..	12.72	11.98	7.95	25.51	37.49	0.49
December ..	2.73	6.24	3.59	4.87	11.11	0.70
Yearly Totals	51.85	92.14	59.64	92.06	184.20	6.40

MONTHLY DEPOSIT GAUGE READINGS 1963—Station No. 2  
College of Further Education.

Month	Rainfall in Inches	Insoluble Matter	Ash*	Soluble Matter*	Total Solids*	Daily Wt. of SO <sub>3</sub>
January ..	0.22	1.47	0.47	1.40	2.87	1.40
February ..	1.82	1.50	0.83	4.24	5.74	1.71
March ..	7.04	10.00	5.10	3.20	13.20	0.91
April ..	3.84	4.67	3.20	5.97	10.64	0.64
May ..	1.83	4.07	2.47	5.20	9.27	0.46
June ..	1.16	3.17	2.27	1.87	5.04	0.35
July ..	2.18	2.53	1.17	4.24	6.77	0.27
August ..	1.80	3.20	1.87	3.27	6.47	0.28
September ..	1.78	2.90	1.53	1.53	6.43	0.39
October ..	2.66	5.27	2.97	6.04	11.31	0.49
November ..	11.92	4.47	2.73	21.61	26.08	0.62
December ..	1.78	4.90	2.93	4.50	9.40	0.95
Yearly Totals	38.03	48.15	27.54	63.07	113.22	8.47

\*Tons per square mile.

**MONTHLY DEPOSIT GAUGE READINGS 1963—Station No. 3**  
**Pant Infants' School.**

<i>Month</i>	<i>Rainfall in Inches</i>	<i>Insoluble Matter*</i>	<i>Ash*</i>	<i>Soluble Matter*</i>	<i>Total Solids*</i>	<i>Daily Wt. of SO<sub>3</sub></i>
January ..	0.22	1.47	0.47	1.40	2.87	0.96
February ..	3.90	4.00	2.25	26.00	30.00	1.13
March ..	8.32	13.29	9.30	13.46	26.75	0.84
April ..	5.29	7.45	4.80	17.78	25.23	0.82
May ..	3.06	12.45	6.14	18.43	30.88	0.65
June ..	3.40	6.71	4.53	8.15	14.88	0.51
July ..	2.44	4.50	2.58	6.14	10.64	0.44
August ..	3.80	8.73	5.33	11.74	20.47	0.60
September ..	2.09	3.86	2.55	9.33	13.19	0.50
October ..	2.81	5.77	3.42	11.24	17.01	0.46
November ..	11.76	4.06	2.62	22.08	26.14	0.33
December ..	2.29	3.76	2.42	4.73	8.52	0.70
Yearly Totals	49.38	76.05	46.41	150.46	226.56	7.94

\*Tons per square mile.

**SEWERAGE AND SEWAGE DISPOSAL IN THE RIVER  
TAFF—CATCHMENT AREA—  
ABERCYNON SEWAGE DISPOSAL WORKS.**

Every effort is being made by the Council to improve the Sewage Disposal System of this Borough with the result that our Consulting Engineers, Sir Humphrey and McDonald, have already prepared an outline scheme to construct a new trunk sewerage system from the lower end of the Borough and a Sewage Disposal plant at Abercynon. These proposals have been designed in such a manner as to be capable of being extended to meet the requirements of adjoining local authorities.

Therefore, frequent meetings have taken place with representatives of the Welsh Office, Ministry of Housing and Local Government, Glamorgan River Board and the Urban District Councils of Aberdare, Mountain Ash and Gelligaer. The latter Authorities have shown considerable interest and in order to show how far this project has advanced, I might add that consultations are now taking place among the Consulting Engineers of the participating authorities.

# FACTORIES ACT, 1937 and 1948

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## INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH, INCLUDING INSPECTIONS MADE BY PUBLIC HEALTH INSPECTORS—1963.

PREMISES (1)	Number of			Number on Register
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)	
FACTORIES in which Secs. 1, 2, 3, 4 & 6 are enforced by Local Authority ..	142	3	Nil.	34
FACTORIES not included above in which Sec. 7 is enforced by Local Authority ..	270	8	Nil.	98
OTHER PREMISES in which Section 7 is enforced, but not including outworker's premises .. .. .	20	6	Nil.	4
TOTAL ..	432	17	Nil.	136

## DEFECTS FOUND.

PARTICULARS (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred by H.M. Inspector (4)	
Want of Cleanliness (Section 1)	2	2	—	—
Overcrowding (Section 2)	—	—	—	—
Unreasonable Temperature (Section 3)	—	—	—	—
Inadequate Ventilation (Section 4)	—	—	—	—
Ineffective Drainage of Floors (Section 6)	3	3	—	—
Insufficient	12	12	—	—
Unsuitable or Defective	—	—	—	—
Not Separate for Sexes	—	—	—	—
Sanitary Conveniences S.7	—	—	—	—
Other Offences .. .. .	—	—	—	—
TOTAL .. .. .	17	17	—	—

# OUTWORK SECTIONS 110-111.

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NATURE OF WORK (1)	No. of Outworkers	Instances (2)	Notices Served (3)	Prosecutions (4)
WEARING APPAREL :—				
Making, etc. . . . .	7	Nil.	Nil.	Nil.
Carding etc. of Buttons, etc.	35	Nil.	Nil.	Nil.
TOTAL . . . . .	42	Nil.	Nil.	Nil.

## MILK SUPPLY.

On December 31st, 1963, there were 15 retail purveyors of milk in the County Borough.

## MILK LICENCES.

The following licences were held during the year :—

To Produce Past. & T.T. Past. Milk	..	1
Dealers of Pasteurised Milk	.. ..	7
Dealers of Sterilised Milk	.. ..	15

## Inspection of Dairies :—

During the year the Public Health Inspectors paid 221 visits of inspection to dairies and 1 notice were served under Milk and Dairies Orders and other Regulations in respect of dairies, and milk-shops.

## BACTERIOLOGICAL EXAMINATION OF MILK.

The following table details the results of the bacteriological examinations of all types of milk sampled in the County Borough during the year 1963.

<i>Grade of Milk</i>	<i>Num'r Tested</i>	<i>Numbers Passed</i>	<i>Failed Meth. Blue Test</i>	<i>Failed Phosphat. Test</i>
Pasteurised ..	23	23	Nil.	Nil.
T.T. (Past.) ..	61	61	Nil.	Nil.
Sterilized ..	8	8	Nil.	Nil.

## MEAT REGULATIONS.

## FOOD AND DRUGS ACTS.

The Regulations generally have been satisfactorily carried out during the year. The handling and transport of meat is observed in accordance with the above regulations and the Meat vans are protected in such a manner as to prevent contamination of the meat.

Notice of emergency slaughter continues to be given where necessary. The slaughter of pigs, for home consumption, is carried out at the cottagers' premises, prior notice being given in each case as to the place and time of slaughter.

All meat-carriers in the Borough are provided with and wear washable head-covering and overalls when carrying meat.

## MEAT DEPOTS AND MEAT INSPECTION.

Three hundred and thirty three visits were made for the purpose of meat inspection by the Public Health Inspectors, who all possess the Certificate for the Inspection of Meat and Other Foods.

## SLAUGHTER OF ANIMALS ACT, 1954.

Thirteen slaughter-men were given licences during the year.

## BACTERIOLOGICAL EXAMINATIONS.

The following are details of bacteriological examinations carried out during the year in connection with food inspection and the prevention of food poisoning, etc. :—

Bacteriological Examination of Milk	.. ..	92
Bacteriological Examination of Water	.. ..	6
Bacteriological Examination of Ice-cream	.. ..	6
Bacteriological Examination of Suspect Foodstuffs		Nil

## WATER AND SEWAGE ANALYSIS.

During 1963, twenty samples of water and sewage were taken for either bacteriological or chemical analysis.

<i>Sample</i>	<i>Examination</i>	<i>Satis- factory</i>	<i>Unsatis- factory</i>
Water from public water supply	Bacteriological	2	3
	Chemical	2	1
Water other than from public water supply	Bacteriological	—	1
	Chemical	4	7

There are approximately forty dwellings out of a total of over 18,500 premises, etc. in the County Borough Area, which by virtue of their inaccessibility or high-lying position are not connected to the public water supply. Regular visits are paid to these houses by the Public Health Inspectors. There are no stand pipes in the County Borough Area. No report of Plumbo-solvency was made during the year. Follow-up sampling of the three unsatisfactory bacteriological samples of water from the public water supply all proved satisfactory.

## PUBLIC SWIMMING BATHS.

The Local Authority owns one indoor and two outdoor public baths. All have continuous filtration and any loss in bath water through filter washing is replaced from the public water supply. The outdoor baths at Pant and Edwardsville, Treharris, are open during the Summer months and have sand filters with Soda-Alum Coagulant and Marginal Chlorinators. The pumps of each plant are set to allow a six hourly turn-over of the bath water.

The indoor bath at Gwaunfarren, Merthyr is open all the year except for a short period in February when it is closed for annual plant overhaul. It also has sand filtration using a Soda-Alum coagulant, but chlorination is by the Break-point method. The plant has a four-hourly change over of water.

## RETAIL FOOD SHOPS.

The following are details of the numbers of food shops in the County Borough, sub-divided into various classes. It will be appreciated that there is a tendency for shops nowadays to sell all types and classes of goods instead of specialising in one particular commodity. Thus we find that many butchers sell tinned foods and grocers sell vegetables. In the sub-divisions, certain shops appear in more than one classification if their trade in each commodity is substantial. If, however, an insignificant trade is carried on in a type of commodity, it has been ignored.

Total number of shops concerned with the sale of	
foodstuffs .. .. .	405
Number of parlour-type shops .. .. .	160
Number of large and lock-up shops .. .. .	244
Sub-division by main trades or commodities :	
Ice-cream vendors .. .. .	100
Butchers .. .. .	52
Small Goods Manufacturers .. .. .	43
Restaurants and Cafes .. .. .	24
Fried Fish Shops .. .. .	17
Wet Fish Shops .. .. .	10
Greengrocers .. .. .	36
Bakers and Confectioners .. .. .	36

During 1963, one thousand and twenty two visits were made to all premises registered under the Act, which includes Food Preparation Premises and various canteens.

## CONDEMNATION OF FOODSTUFFS.

### TINNED FOODS :

Anchovies, 1 tin ; Apricots, 73 tins ; Apples, 8 tins ; Asparagus, 1 tin ; Baked Beans, 46 tins ; Beef Suet, 10 lbs. ; Broad Beans, 2 tins ; Braised Steak, 2 tins ; Butter, 4 lbs. ; Carrots, 1 tin ; Cherries, 7 tins ; Chicken, 2 tins ; Chopped Ham,  $21\frac{1}{2}$  lbs. ; Chopped Pork, 35 lbs. ; Chutney, 1 jar ; Cooked Ham, 823 lbs. ; Condensed Milk, 5 tins ; Corned Beef,  $200\frac{1}{2}$  lbs. ; Cream, 214 tins ; Crabmeat, 3 tins ; Evaporated Milk, 95 tins ; Fruit Salad, 103 tins ; Gherkins, 1 tin ; Gooseberries, 5 tins ; Grapefruit, 39 tins ; Grapefruit Juice, 12 tins ; Greengages, 1 tin ; Hot Pot, 3 tins ; Jellyed Veal, 114 lbs. ; Lobster, 2 tins ; Lunch Tongue, 6 lbs. ; Luncheon Meats, 12 ozs. ; Mandrines, 1 tin ; Meat Loaf,  $1\frac{1}{2}$  lbs. ; Minced Beef Loaf,  $7\frac{1}{4}$  lbs. ; Meat Pudding, 2 tins ; Molasses, 1 tin ; Oranges, 59 tins ; Ox Tongue, 36 lbs. ; Peaches, 263 tins ; Pears, 176 tins ; Peas, 38 tins ; Pilchards, 3 tins ; Pineapples, 131 tins ; Pineapple Juice, 10 tins ; Plums, 27 tins ; Pork Tenderloin,  $52\frac{1}{2}$  lbs. ; Pork Luncheon Meat, 6 lbs. ; Pressed Ham, 188 lbs. ; Prunes, 3 tins ; Rhubarb, 12 tins ; Rice, 22 tins ; Salmon, 81 tins ; Sardines, 9 tins ; Skimmed Milk, 2 tins ; Soup, 37 tins ; Steak and Dumpling, 1 tin ; Steak and Kidney, 1 tin ; Stewed Steak, 24 tins ; Stew, 3 tins ; Strawberries, 5 tins ; Tomatoes, 289 tins ; Tomato Juice, 10 tins ; Tomato Purree, 1 tin ; Tongue, 6 tins.

### BOTTLED AND PRESERVED FOODS :

Mayonnaise, 1 bottle ; Marmalade, 4 lb. jars ; Wimberries, 2 jars

### PACKED FOODS :

American Boston Cream Pie, 8 pkts. ; Bakewell Tarts, 16 pkts. ; Cake, 12 lbs. ; Chocolate, 43 lbs. ; Chocolate Raisins and Peanuts, 14 lbs. ; Cheese, 28 cartons ; Currants, 168 lbs. ; Pixie Cones, 23 boxes ; Porridge, 12 pkts. ; Pork Pies, 24 ; Scotch Pancakes, 48 pkts.

### POULTRY, FISH AND FROZEN FOODS :

Bacon, 236 lbs. ; Chicken,  $212\frac{1}{4}$  lbs. ; Chicken Portions, 22 ; Ducks,  $27\frac{1}{2}$  lbs. ; Fish, 126 lbs. ; Kippers, 2 boxes ; Sausage, 134 lbs. ; Turkey, 201 lbs.

### FRUIT AND VEGETABLES :

Cauliflower, 24 crates ; Cauliflower, 1 tin.

### MEAT AND OFFAL :

Beef, 4 lbs. ; Beef Trimmings, 180 lbs. ; Calves Fry, 9 lbs. ; Calves Heads, 18 lbs. ; Forequarter Beef, 151 lbs. ; Hindquarter Beef,  $404\frac{1}{4}$  lbs. ; Lamb, 51 lbs. ; Lambs Fry,  $87\frac{1}{2}$  lbs. ; Lambs Heads, 261 lbs. ; Lambs Lungs and Spleen, 72 lbs. ; Lambs Loins, 10 lbs. ; Lambs Lights, 78 lbs. ; Lambs Tops, 25 lbs. ; Lambs Trimmings, 20 lbs. ; Mutton, 12 lbs. ; Ox Hearts,  $64\frac{1}{2}$  lbs. ; Ox Liver, 184 lbs. ; Ox Melts, 8 lbs. ; Ox Melts and Lungs, 76 lbs. ; Ox Tails, 13 lbs. ; Ox Tongue, 12 lbs. ; Pigs Liver, 15 lbs. ; Pigs Heads, 50 ; Pigs Plucks, 566 lbs. ; Pigs Tops, 6 lbs. ; Pigs Trimmings, 67 lbs. ; Pork Loins, 6 lbs. ; Pork,  $89\frac{1}{2}$  lbs. ; Skirts, 28 lbs. ; Sheep lungs and hearts, 4 lbs. ; Sheep Heads, 23 ; Sweetbread, 2 lbs. ; Steak,  $5\frac{3}{4}$  lbs. ; Veal, 6 lbs.

## FOOD AND DRUGS ACTS.

## FERTILIZERS AND FEEDING STUFFS ACT.

The following details of samples submitted under the above Acts have been supplied by the Public Analyst for the County Borough of Merthyr Tydfil, D. Evans-Jones, Esq., M.Sc., F.R.I.C.

## Food and Drugs Act.

## 1. FORMAL SAMPLES :

(a) Beef Sausage .. ..	4	(i) Lemon Drink .. ..	4
(b) Beer .. ..	3	(j) Lentils .. ..	1
(c) Butter .. ..	1	(k) Margarine .. ..	10
(d) Cooking Fat .. ..	3	(l) Milk .. ..	140
(e) Grapefruit Squash ..	1	(m) Orange Squash ..	5
(f) Icecream .. ..	6	(n) Orange Drink .. ..	1
(g) Lard .. ..	4	(o) Pearl Sago .. ..	1
(h) Lemon Squash .. ..	2	(p) Rice .. ..	2
		(q) Vinegar .. ..	5

All were genuine.

## 2. INFORMAL SAMPLES

Commodity	Number Taken	Number Genuine
American Boston Cream Pie ..	1*	—
Baking Powder .. ..	1	1
Blancmange .. ..	7	7
Beef Suet .. ..	1	1
Beer .. ..	6	6
Butter Beans .. ..	1	1
Bicarbonate-of-Soda .. ..	1	1
Butter .. ..	1	1
Bronchial Mixture .. ..	1	1
Caramel .. ..	1	1
Cake Mixture .. ..	4	4
Cheese Spread .. ..	1	1
Cornflour .. ..	2	2
Corned Beef .. ..	1	1
Cold Tablets .. ..	1	1
Curry Powder .. ..	3	3
Custard Powder .. ..	6	6
Cream .. ..	1	1
Cooking Fat .. ..	1	1
Coffee and Chicory Essence ..	1	1
Dehydrated Onion .. ..	1	1
Desert Powder .. ..	1	1
Desiccated Coconut .. ..	2	2
Frosting Mix .. ..	1	1

\*Sample infested with meal mite.

## (2) INFORMAL SAMPLES (continued) :

Commodity	Number Taken	Number Taken
Fish Paste .. .. .	6	6
Flour .. .. .	2	2
Ground Cinnamon .. .. .	1	1
Ginger .. .. .	1	1
Ginger Beer .. .. .	1	1
Icing Sugar .. .. .	1	1
Instant Potato .. .. .	1	1
Jelly .. .. .	8	8
Lemon Flavouring .. .. .	1	1
Liquid Paraffin .. .. .	1	1
Mint Sauce .. .. .	1	1
Mixed Spice .. .. .	1	1
Milk .. .. .	41	41
Mustard .. .. .	1	1
Monosodium Glutamate .. .. .	1	1
Orange Drink .. .. .	4	4
Pancake Mix .. .. .	1	1
Parsley .. .. .	1	1
Parsley Sauce Mix .. .. .	1	1
Pearl Sago .. .. .	1	1
Pearl Barley .. .. .	2	2
Peas .. .. .	3	3
Pepper .. .. .	3	3
Pie Filling .. .. .	3	3
Rice .. .. .	3	3
Raising Powder .. .. .	1	1
Stuffing .. .. .	1	1
Salad Cream .. .. .	1	1
Semolina .. .. .	1	1
Sugar .. .. .	2	2
Suet Pudding Mix .. .. .	1	1
Soft Drinks .. .. .	1	1
Sponge Mixture .. .. .	5	5
Salt .. .. .	3	3
Soya Flour .. .. .	1	1
Thyme (dried) .. .. .	1	1
Tapioca .. .. .	5	5
Trifle Pack .. .. .	1	1
Tea .. .. .	7	7
Tomato Paste .. .. .	1	1
Tomato Ketchup .. .. .	1	1
Tomato Soup .. .. .	1	1
Table Relish .. .. .	2	2
Vinegar .. .. .	2	2
White Shortening .. .. .	1	1
Yeast .. .. .	1	1

## FERTILIZERS AND FEEDINGS STUFFS ACT, 1926.

Of the thirty samples taken informally under the Fertilizers and Feeding Stuffs Act 1926, fifteen were Feeding Stuffs and twelve were Fertilizers. The following are details of the analysis :—

	<i>Fertilizers</i>		<i>Feeding Stuffs</i>	
(a) Number of Informal Samples taken	15	..	12	
(b) Number reported as being satisfactory	15	..	12	
(c) Number reported as being above the prescribed limit but not to the prejudice of the purchaser .. ..	Nil	..	Nil	

## INSPECTION OF PLACES WHERE FOOD IS PREPARED AND SOLD.

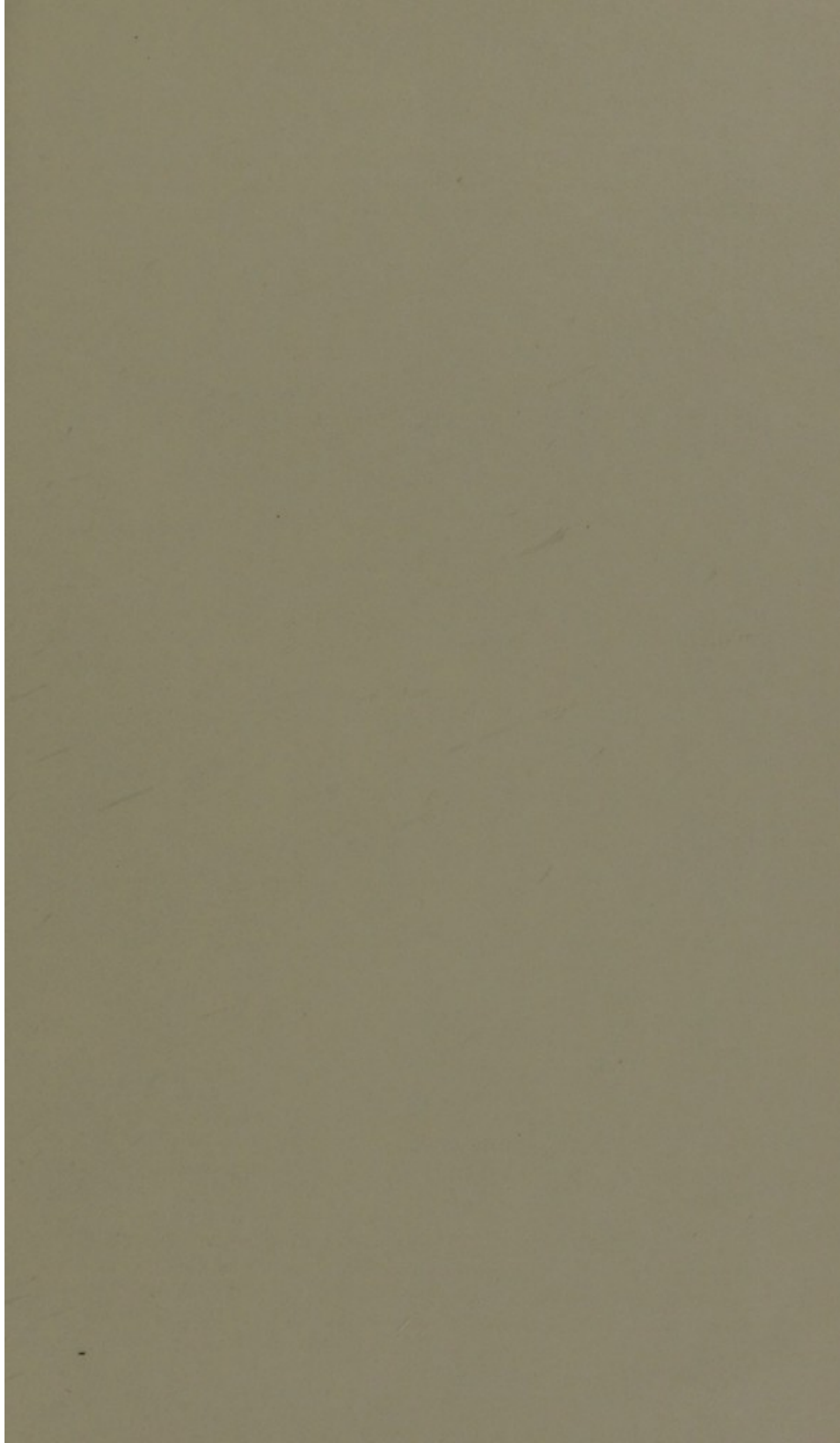
**ICE-CREAM.** In the County Borough Area, there are six manufacturers of ice-cream, all of whom are also registered for the sale of ice-cream. In addition there are one hundred and twenty nine retailers of ice-cream, making a total of one hundred and thirty five dealers in ice-cream. With the exception of a few small manufacturers who use the "cold mix" process, all manufacturers possess fully equipped dairies and the ice-cream is properly processed in accordance with the Ice-cream (Heat Treatment) Regulations, 1948. These dairies are regularly inspected by the Public Health Inspectors and a high standard of cleanliness is maintained.

**RESTAURANT KITCHENS.** Including licensed premises where food is prepared, there are 75 in the Borough, of which 18 are factory canteens, 39 school canteens and 2 colliery canteens.

**FISH-FRYING AND CHIP POTATO SHOPS.** There are 14 in the Borough, and these are regularly visited by the Public Health Inspectors, who report favourably as to their conditions and absence of nuisance.

**BAKEHOUSES.** Nineteen premises were in use during the year. 184 visits were made during the year ; notices of repairs and lime-washing, etc., were served. The conditions generally were satisfactory.

**BUTCHERS.** Small goods, including brawn, polonies, pies, faggots, etc., were prepared at 43 butchers' establishments. At the butchers' establishments the work carried out in a special room, and electric power is available. All the premises are regularly visited by the Inspectors, and the conditions found to be satisfactory.



## FERTILIZERS AND FEEDINGS STUFFS ACT, 1926.

Of the thirty samples taken informally under the Fertilizers and Feeding Stuffs Act 1926, 25 were Feeding Stuffs and twelve were Fertilizers. The following are details of the analysis:—

	<i>Fertilizers</i>	<i>Feeding Stuffs</i>
(a) Number of Informal Samples taken	12	12
(b) Number reported as being satisfactory	15	12
(c) Number reported as being above the prescribed limit but not to the prejudice of the purchaser	Nil	Nil

## INSPECTION OF PLACES WHERE FOOD IS PREPARED AND SOLD.

**ICE-CREAM.** In the County Borough Area, there are six manufacturers of ice-cream, all of whom are also registered for the sale of ice-cream. In addition there are one hundred and twenty nine retailers of ice-cream, making a total of one hundred and thirty five dealers in ice-cream. With the exception of a few small manufacturers who use the "cold mix" process, all manufacturers possess fully equipped dairies and the ice-cream is properly processed in accordance with the Ice-cream (Heat Treatment) Regulations, 1948. These dairies are regularly inspected by the Public Health Inspectors and a high standard of cleanliness is maintained.

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