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Contributors

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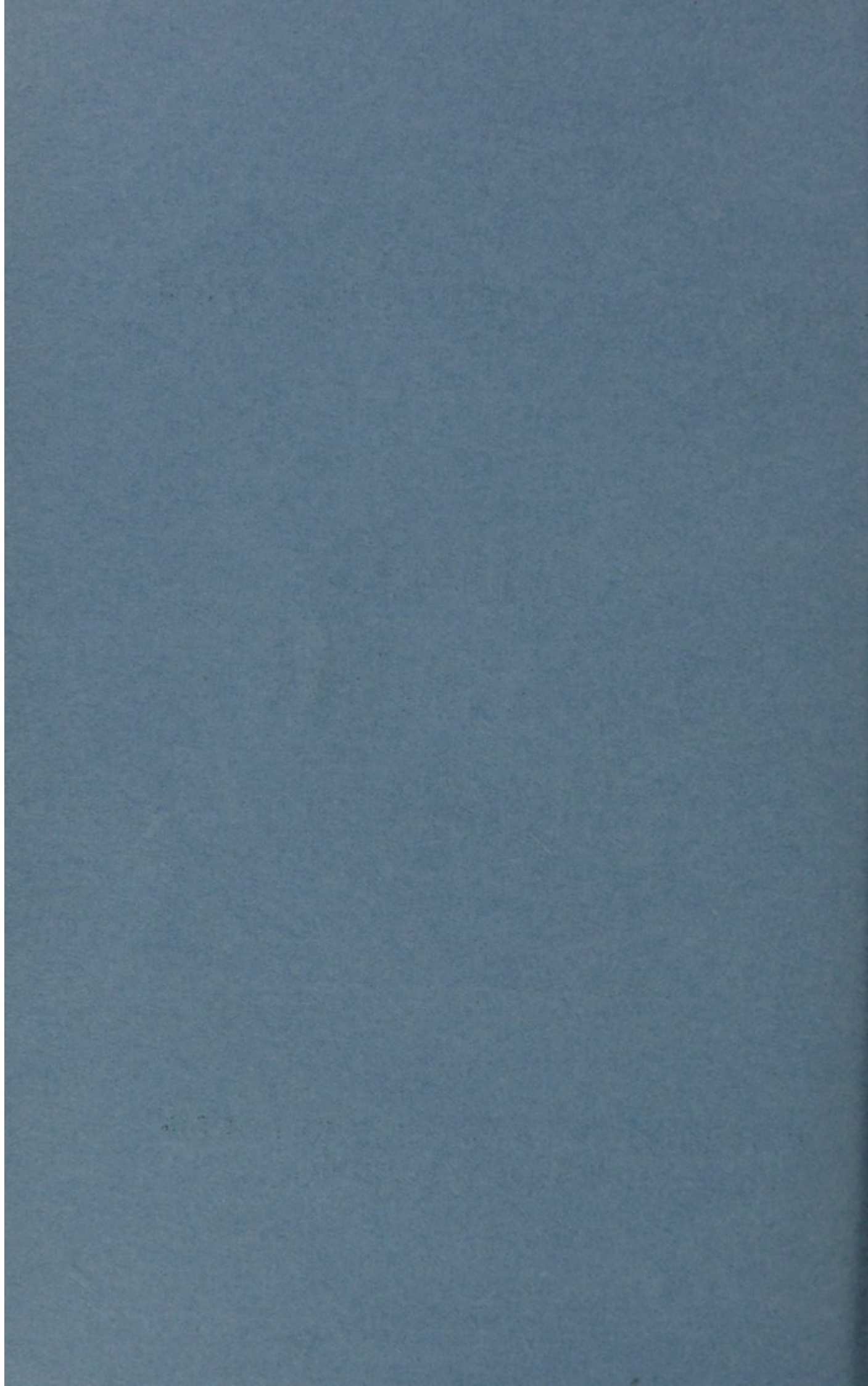


County Borough of Merthyr Tydfil

**PUBLIC
HEALTH
1961**



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





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COUNTY BOROUGH OF MERTHYR TYDFIL.

**Department of Public Health,
Town Hall,
MERTHYR TYDFIL**

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

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report on the Public Health of the County Borough for the year 1961. As members are aware, the Small Pox outbreak in the early part of 1962 resulted in a considerable increase in work and the whole effort of the Department was concentrated on mass vaccination and control of contacts. Consequently, there has been considerable delay in publishing this report due to the backlog of work caused by the outbreak.

There has been a marked reduction in the Infant Mortality Rate from 34.45 in 1960 to 24.89 this year when the National Rate was 21.6. Unfortunately, the Stillbirth Rate has continued high at 36 per thousand births and consequently this is reflected in the high Perinatal Rate of 55.00 per thousand births when compared with the National Rate of 32.2.

The percentage of Illegitimate Births dropped again this year from 3.54 to the very low figure of 3.01. The Illegitimate Birth Rate was 30.01 per thousand live births which is almost half the National Rate of 59 per thousand live births.

The Death Rate dropped from 14.18 in 1960 to 13.76 in 1961 when the National Rate was 12.0. Heart Diseases were the largest group of causes of death, the 276 deaths in this group being responsible for 34.12% of all deaths. Malignant Neoplasms with 124 deaths accounted for 15.33% and Vascular Lesions of the Nervous System for 13.84% with 112 deaths.

I should like to take this opportunity of thanking the Chairman of the Health Committee and Members of the Council for their ready assistance in matters affecting Public Health, other Departments of the Corporation and associated Organisations for their co-operation and my Staff for their continued loyalty and hard work.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

T. H. STEPHENS,
Medical Officer of Health.

COUNTY BOROUGH OF WESTBY TYPING

Department of Public Health,
Town Hall,
WESTBY TYPING

To the Mayor, Aldermen and Councilors of the County
Borough of Westby Typing

My dear Ladies and Gentlemen,

I have pleasure in presenting my Annual Report on the
Public Health of the County Borough for the year 1901. As
members are aware the Small Pox epidemic in the early part of
1901 resulted in a considerable increase in work and the whole
part of the Department was concentrated on mass vaccination
and control of contacts. Consequently there has been considerable
delay in publishing the report due to the backlog of work caused
by the epidemic.

There has been a marked reduction in the Infant Mortality
rate from 24.15 in 1900 to 22.17 for the year when the National
Rate was 21.5. Furthermore, the Stillbirth Rate has continued
up at 20 per thousand live and consequently this is reflected
in the high foetal rate of 25.00 per thousand births when
compared with the National Rate of 22.2.

The percentage of illegitimate Births dropped again this
year from 3.24 to the very low figure of 2.91. The illegitimate
Birth Rate was 30.01 per thousand live Births which is almost
at the National Rate of 29 per thousand live Births.

The Death Rate dropped from 14.18 in 1900 to 13.76 in
1901 when the National Rate was 13.0. From 1900 to 1901
the largest group of causes of death, the 270 deaths in the group
were responsible for 24.1% of all deaths. Malignant Neo-
plasms with 124 deaths accounted for 11.1% and Vascular
actions of the Nervous System for 10.2% with 112 deaths.

I should like to take this opportunity of thanking the
Chairman of the Health Committee and Members of the Council
for their ready assistance in matters affecting Public Health, and
Departments of the Corporation and associated Organizations
for their co-operation and my best for their continued activity
and good work.

I have the honor to be,

Mr. Mayor Ladies and Gentlemen,

Your obedient servant,

J. H. STEPHENS,
Medical Officer of Health.

PART 1.

Committees and Staff

MATERNITY AND CHILD WELFARE COMMITTEE

- Chairman: Alderman B. M. Davis
- Councillor D. J. Williams
- Councillor A. John
- Councillor W. E. Jones
- Councillor C. G. Jones
- Councillor M. G. J. Williams
- Councillor J. A. Williams
- Councillor W. Williams
- Councillor J. Evans
- Councillor A. Davis
- Councillor B. Evans
- Councillor M. McGinny

The Mayor (Alderman T. Y. Lewis)
 Alderman B. M. Davis (Chairman of the Health Committee)
 Councillor M. G. J. Williams (Chairman of the Health Committee)

COUNTY BOROUGH OF MERTHYR TYDFIL.
1961

The Mayor

Alderman T. Y. Lewis, J.P.

The Deputy Mayor :

Councillor M. McGinty

HEALTH COMMITTEE

Chairman : Alderman D. R. Tudor

Vice-Chairman : Councillor Mrs. C. Lloyd

The Whole Council

namely :—

Aldermen S. Davies, I. Davies, C. E. Webb, B.E.M., J.P., W. J.

James, B. M. Davies, and S. G. Edwards.

Councillors D. J. Williams, M. Deasy, W. Williams, Tudor Evans,
T. J. Lloyd, O.B.E., D. M. Jones, A. John, D. V. Williams,
W. E. Jones, Mrs. A. Dawes-Evans, Mrs. G. Lambert,
J. G. Davies, J.P., B. Watkins, C. G. Jones, G. M. Donovan,
W. W. Herbert, M. McGinty, C. Stanfield, Mrs. G. I.
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 B. M. Davies

Alderman S. G. Edwards

Councillor D. J. Williams

Councillor W. Williams

Councillor A. John

Councillor T. Evans

Councillor W. E. Jones

Councillor A. Dawes-Evans

Councillor C. G. Jones

Councillor B. Watkins

Councillor Mrs. G. I. Williams

Councillor M. McGinty

Councillor J. L. Williams

with

The Mayor (Alderman T. Y. Lewis)

Ex-Mayor (Councillor C. E. Webb)

and

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

and

Councillor Mrs. C. Lloyd (*Vice-Chairman of the Health Committee*)

WELFARE SERVICES COMMITTEE.

Chairman : Alderman S. Davies

Vice-Chairman : Councillor B. Watkins

Alderman B. M. Davies	Alderman I. Davies
Councillor M. Deasy	Councillor S. G. Edwards
Councillor A. John	Councillor D. J. Williams
Councillor Mrs. A. Dawes-Evans	Councillor W. E. Jones
Councillor G. M. Donovan	Councillor J. G. Davies
Councillor Mrs. G. I. Williams	Councillor W. W. Herbert
Councillor J. L. Williams	Councillor J. Williams

with

The Mayor (Alderman T. Y. Lewis)

The Ex-Mayor (Councillor C. E. Webb)

and

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

Councillor Mrs. C. Lloyd (*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 I. Davies
Alderman W. J. James	Councillor W. Williams
Councillor T. Evans	Councillor D. V. Williams
Councillor Mrs. G. Lambert	Councillor C. G. Jones
Councillor C. Stanfield	Councillor Mrs. G. I. Williams
Councillor J. L. Williams	

with

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

Councillor Mrs. C. Lloyd (*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

Councillor W. Williams

Alderman S. G. Edwards

Councillor T. Evans

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 M. McGinty

Councillor J. Williams

with

The Mayor (Alderman T. Y. Lewis)

Ex-Mayor (Councillor C. E. Webb)

and

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

Councillor Mrs. Lloyd (*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 T. Evans

Mrs. A. Dawes-Evans

Councillor Mrs. C. Lloyd

Councillor Mrs. G. I. Williams

Councillor J. L. Williams

with

The Mayor (Alderman T. Y. Lewis)

Ex-Mayor (Councillor C. E. Webb)

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 year).*

Part-time Consultant Ophthalmic Surgeon :

Rupert Parry, *M.B., B.S., F.R.C.S. (Part year)*

G. Vine-Cole, *M.R.C.S., L.R.C.P., D.O. (Part year).*

Part-time Ear, Nose and Throat Specialist :

Alun Thomas, *F.R.C.S.*

Part-time Paediatrician :

F. W. Nash, *M.D., B.S., M.R.C.S., L.R.C.P. (Part year).*

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 Officer :

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

G. N. Davies, *B.D.S.*

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 (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, Superintendent School Nurse and Home Help Organiser :

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. Morgan, A. Williams (Part year).

WELFARE FOODS DISTRIBUTION

G. Richards (Part year), P. Howells (Part year),
P. Lovis (Part year), H. Jenkins (Part year).

WELFARE SERVICES

Director of Welfare :

R. Harris

Mental Welfare Officer :

F. Jennings

Mental Health Worker :

Mrs. M. B. Woodruff (Part year).

Clerical Staff :

T. Morris.

E. Chance.

V. Lloyd (Part year)

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 : H. Edwards (Part year) ; 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.

ADMINISTRATIVE AND CLERICAL STAFF

Chief Clerk :

T. J. Davies

Deputy Chief Clerk :

J. R. Jones

Clerical Staff :

W. K. Jones

I. Protheroe†

G. Jones

Angela Roberts (Part year)

Joan Thomas

Jean Power

Marlene Gamlin

M. Brown (Part year)

Mary Evans

Clerical Staff (Clinics) :

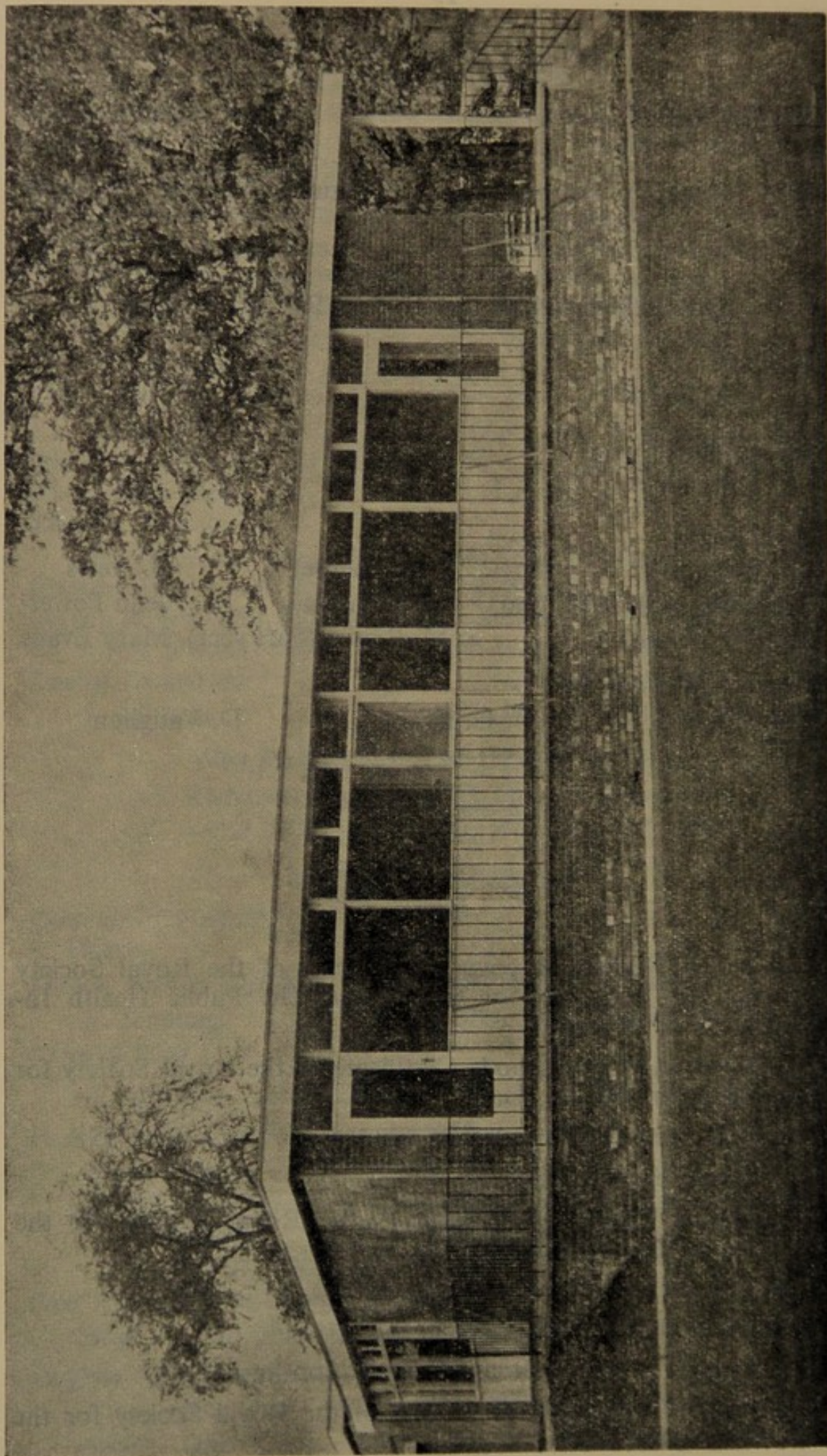
S. J. Lewis

G. Evans

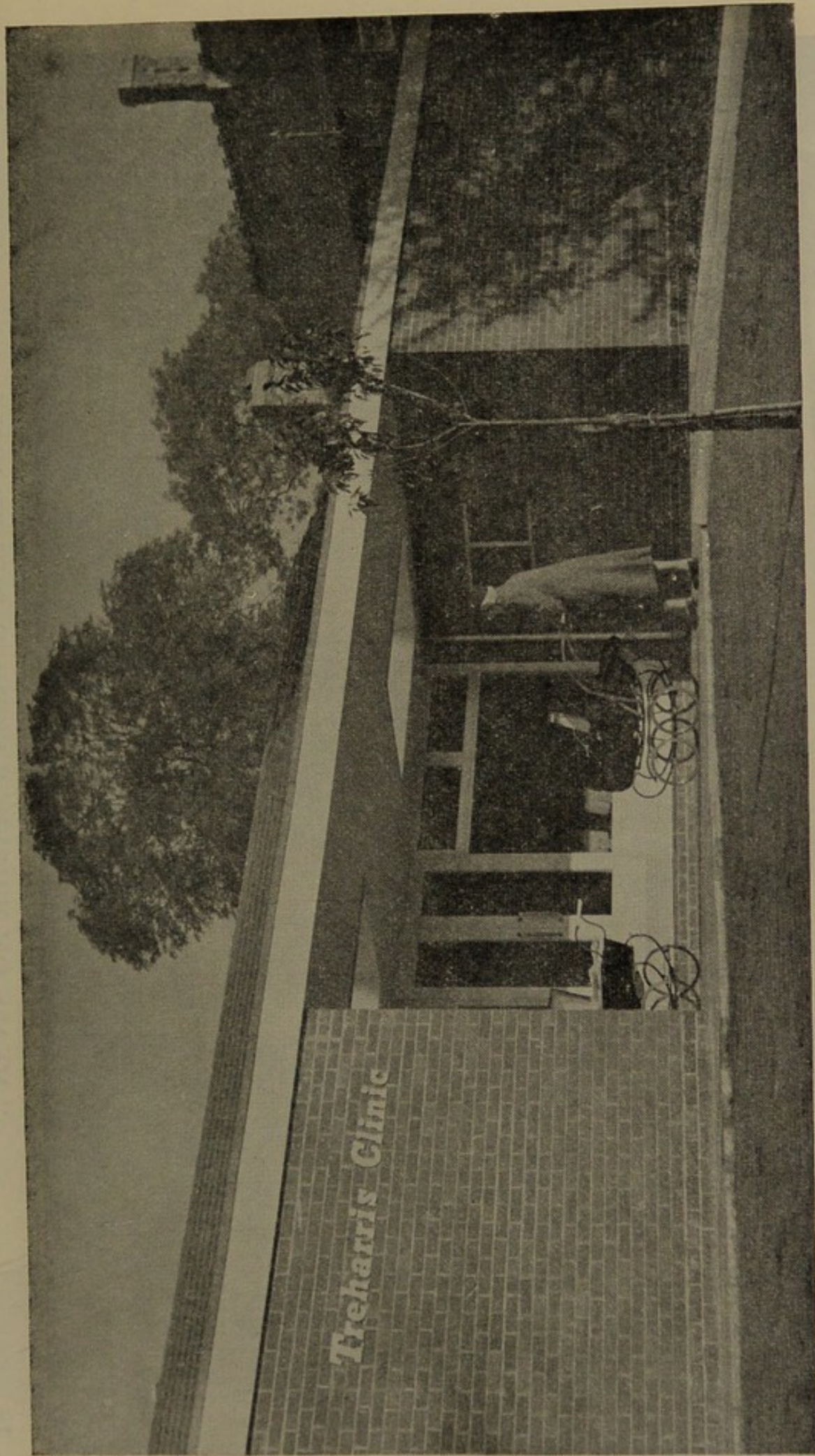
D. Vaughan

KEY :

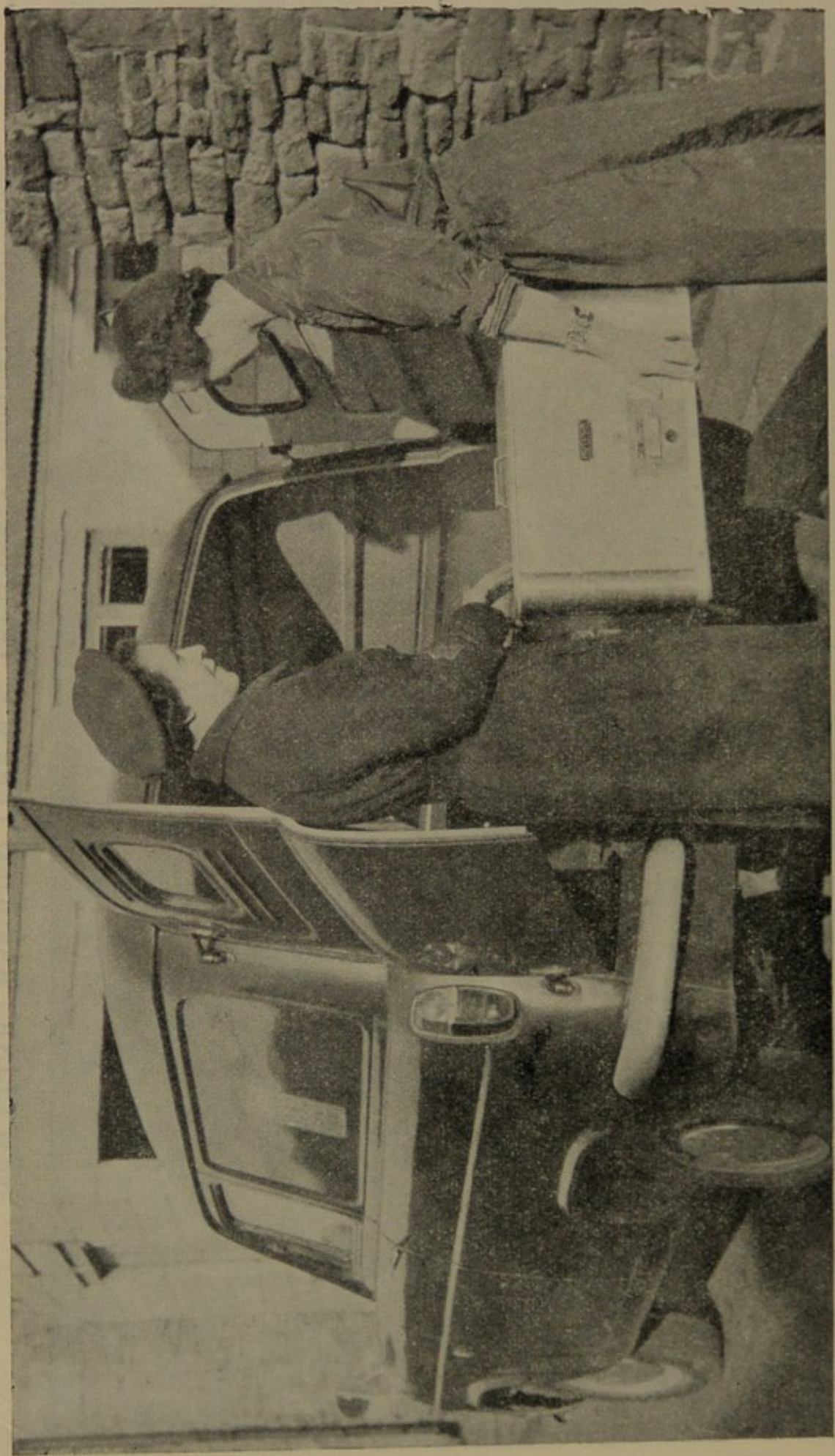
- a. — Public Health Inspector's Certificate of the Royal Society for the Promotion of Health and The Public Health Inspectors' Board.
- b. — Meat and Other Foods Certificate of the Royal Society for the Promotion of Health.
- c. — State Registered Nurse.
- d. — State Certified Midwife.
- e. — Health 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.
- † — Also acts as Assistant to the Mental Welfare Officer.



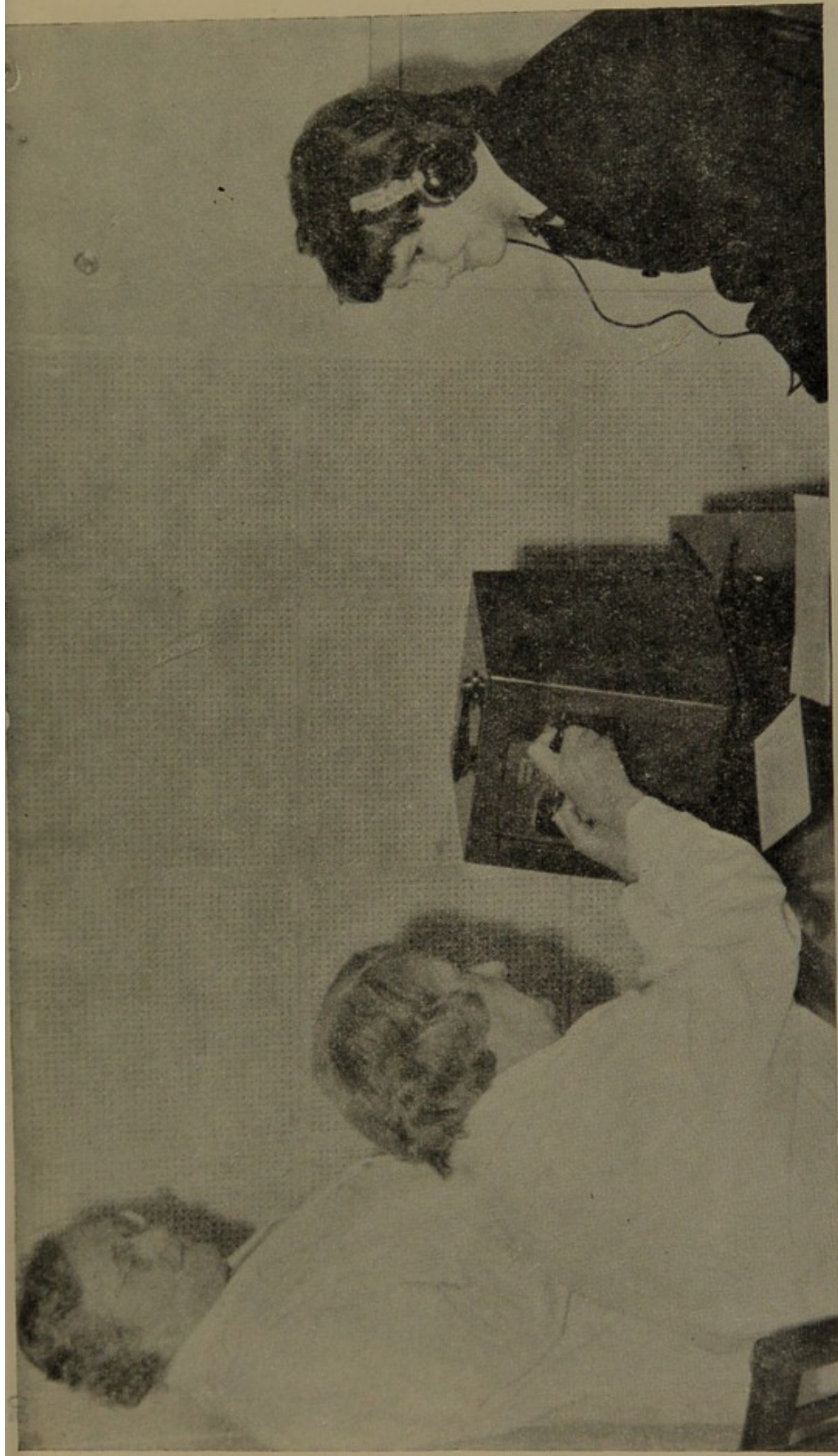
16 OCCUPATION CENTRE, PENTREBACH—UNDER CONSTRUCTION 1961.



NEW CLINIC, BARGOED TERRACE, TREHARRIS (Constructed 1961—1962)



" MEALS ON WHEELS " SERVICE RUN BY W.V.S.



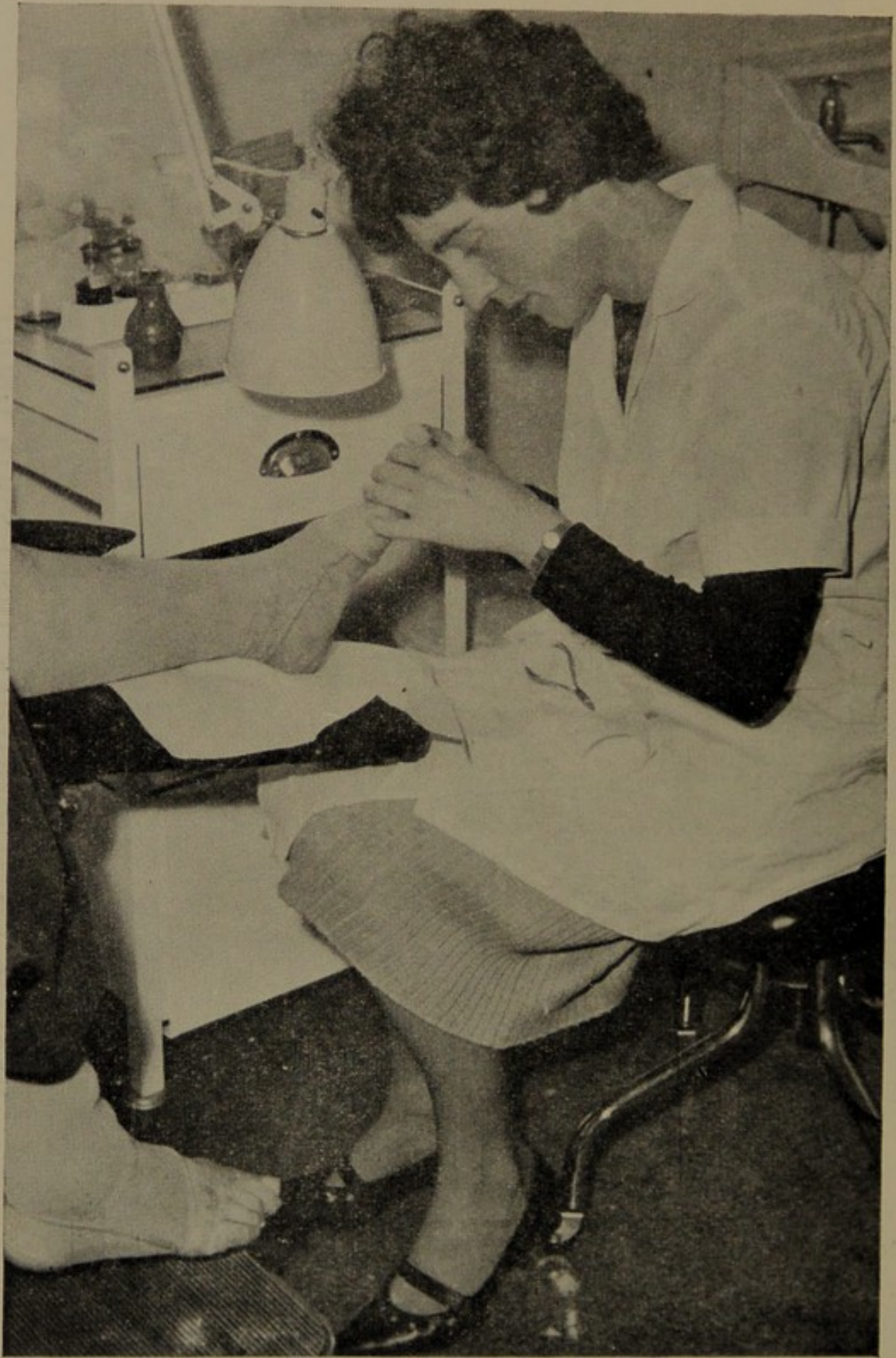
AUDIOMETRIC TESTING OF CHILDREN AT HOLLIES CLINIC



HEARING ASSESSMENT OF INFANTS



HEALTH VISITOR/MOTHER/MOTHER DISCUSSION GROUP



22 CHIROPODY CLINIC, HOLLIES CLINIC,
MERTHYR TYDFIL

PART 2.

General and Comparative Statistics

VITAL STATISTICS—1961.

Area in Acres						17,760	
Population (Census 1951)						61,093	
Population (Registrar General Mid-year Estimate) ..						58,800	
Density of population per acre (1951 Census)						3.3108	
Number of houses on Rate Books in 1961						18,030	
Rateable Value to March, 1961						£463,877	
Average number of persons to each occupied house (1961)						3.25	
Legitimate Live Births	}	Male	470	}	Total	935	
		Female	465				
Illegitimate Live Births	}	Male	18	}	Total	29	
		Female	11				
						Total Live Births ..	964
Percentage of Illegitimate Live Births						3.01	
Live Birth Rate per thousand population						16.39	
*Corrected Live Birth Rate per thousand population ..						16.39	
Stillbirths :	}	Male	16	}	Total Stillbirths	..	
		Female	20				
Still birth rate per thousand births						36.00	
Total Births Live & Still	}	Male	504	}	Total Births, Live & Still	1,000	
		Female	496				
Total Birth Rate per thousand population						17.01	
*Corrected Total Birth Rate per thousand population ..						17.01	
Deaths :	}	Male	443	}	Total Deaths	..	
		Female	366				
Death Rate per thousand population						13.76	
†Corrected Death Rate per thousand population						14.86	
Total Infant Deaths						24	
Infant Mortality Rate						24.89	
Legitimate Infant Mortality Rate						25.67	
Illegitimate Infant Mortality Rate						Nil	
Neonatal Mortality Rate						20.75	
Early Neonatal Mortality Rate						19.71	
Perinatal Mortality Rate						55.00	
Maternal Deaths						1	
Maternal Mortality Rate						1.00	
T.B. Death Rate (rate per million population)						119.1	
Malignant Neoplasms Death Rate per thousand population						210.9	

* Registrar General's Comparability Factor of 1.00 for Births.

† Registrar General's Comparability Factor of 1.08 for Deaths.

POPULATION

The Registrar-General's estimated population for the County Borough for mid-year 1961 was 58,800. This is the lowest estimate of population assigned to this County Borough during the present Century. The only accurate figure of population is, of course, the Census, and in 1951 our official population was given as 61,093. Since this figure was published there has been a steady decline in the estimated population although during those eight years the births in the County Borough have exceeded the deaths. The following table comparing actual live births and deaths, shows the overall excess :

<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

We have felt for a period of years that the estimated population of the County Borough of Merthyr Tydfil, as given by the Registrar General, falls very much short of what the population actually is. The Town Clerk, Borough Treasurer and myself have interviewed the Registrar General on two occasions in London but without success. The latest figures from the Secretary of the Executive Council show that there are approximately 59,930 registered on doctors' lists in the County Borough of Merthyr Tydfil. There are a number of people who are not registered on the doctors' lists and the Secretary of the Executive Council estimates the number to be in the region of 1,200 which brings our population well over 61,000.

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		

*National Registration population figure given in lieu of Census.

BIRTHS.

In 1961, a total of 1000 births were registered of which 964 were live births. This represents a Total Birthrate for the County Borough of 17.01 per thousand population and a live Birth Rate of 16.39. The live Birth Rate for England and Wales was 17.4 per thousand population.

The number of births is made up as follows :

<i>LEGITIMATE</i>				<i>ILLEGITIMATE</i>				<i>TOTALS</i>	
<i>Livebirths</i>		<i>Stillbirths</i>		<i>Livebirths</i>		<i>Stillbirths</i>			
<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>	<i>Ml.</i>	<i>Female</i>	<i>Ml.</i>	<i>Female</i>
470	465	16	26	18	11	—	—	504	496
935		36		29		—		1000	
971				29					

A comparison of England and Wales and Local 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	
1951	992	16.4	15.5	+0.9
1952	961	15.9	15.3	+0.6
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
Aver. Annual Birthrate 1950 to 1960		15.74	15.9	-0.2

MARRIAGES

During 1961, 460 marriages were registered in the County Borough of Merthyr Tydfil, which is a Married Persons Rate of 15.6 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
1951	481	15.9	16.5
1952	491	16.3	15.9
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

DEATHS

During 1961, nine hundred and thirty-two deaths were registered in the County Borough, but 210 of these deaths were of non-residents. In addition, 87 residents died outside the County Borough Area so that the total number of deaths of residents during the year was 809. The Death Rate per thousand population for 1961 was, therefore, 13.76 whilst the rate for England and Wales was 12.0.

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 1951 :—

Year	Number of Deaths	Rates per thousand Population	
		Merthyr Tydfil	England & Wales
1951	913	15.3	12.5
1952	777	13.1	11.3
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

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. ..	13	11	24	2.97
1-4 yrs. ..	2	1	3	0.37
5-14 yrs. ..	2	2	4	0.49
15-44 yrs. ..	24	14	38	4.70
45-64 yrs. ..	128	99	227	28.06
65-74 yrs. ..	131	94	225	27.81
Over 75 yrs.	143	145	288	35.60
All Ages ..	443	366	809	100.00

Causes of Death in Various Age Groups—Male : 1961

CAUSE OF DEATH	Total	Age Group							Over 75
		Under 1	1-4	5-14	15-44	45-64	65-74		
Tuberculosis, Respiratory	5	—	—	—	—	1	2	2	
Other Infective and Parasitic Diseases	1	—	—	—	1	—	—	—	
Malignant Neoplasms, Stomach	14	—	—	—	—	5	6	3	
Malignant Neoplasms, Lung/Bronchus	26	—	—	—	1	13	9	3	
Malignant Neoplasms, Breast	1	—	—	—	—	—	1	—	
Other Malignant and Lymphatic Neoplasms	32	—	—	—	1	15	7	9	
Diabetes	2	—	—	—	—	1	—	1	
Vascular Lesions of the Nervous System	43	—	—	—	2	9	16	16	
Coronary Disease, Angina	83	—	—	—	5	34	28	16	
Hypertension with Heart Disease	18	—	—	—	1	5	5	7	
Other Heart Disease	48	—	—	—	—	7	15	26	
Other Circulatory Disease	19	—	—	—	1	3	4	11	
Influenza	7	—	—	—	1	—	1	5	
Pneumonia	20	—	—	—	1	2	4	12	
Bronchitis	39	—	—	—	—	8	23	8	
Other Diseases of Respiratory System	12	—	—	—	1	5	4	2	
Ulcer of Stomach and Duodenum	6	—	—	—	—	2	2	2	
Gastritis Enteritis Diarrhoea	1	—	—	—	—	1	—	—	
Nephritis and Nephrosis	2	—	—	—	—	1	—	1	
Hyperplasia of Prostrate	4	—	—	—	—	—	—	4	
Congenital Malformations	6	—	2	—	—	—	—	—	
Other Defined and Ill-defined Diseases	33	8	—	1	1	6	2	15	
Motor Vehicle Accidents	4	—	—	—	4	—	—	—	
All other Accidents	12	—	—	1	4	6	1	—	
Suicide	5	—	—	—	—	4	1	—	
Homicide and War	—	—	—	—	—	—	—	—	
TOTAL.— MALES	443	13	2	2	24	128	131	143	

Causes of Death in Various Age Groups—Female : 1961

CAUSE OF DEATH	Total	Un. 1	1—4	5—14	15—44	45—64	65—74	Over 75
Tuberculosis, Respiratory	2	—	—	—	—	1	1	—
Other Infective and Parasitic Diseases	1	—	1	—	—	—	—	—
Malignant Neoplasms, Stomach	8	—	—	—	1	3	2	2
Malignant Neoplasms, Uterus	4	—	—	—	—	3	—	1
Malignant Neoplasms, Lung/Bronchus	5	—	—	—	—	3	2	—
Malignant Neoplasms, Breast	14	—	—	—	2	6	2	4
Other Malignant and Lymphatic Neoplasms	20	—	—	—	—	14	4	2
Leukaemia	3	—	—	1	2	—	—	—
Diabetes	3	—	—	—	—	2	1	—
Vascular Lesions of the Nervous System	69	—	—	—	—	15	20	34
Coronary Disease, Angina	42	—	—	—	1	13	17	11
Hypertension with Heart Disease	26	—	—	—	—	5	8	13
Other Heart Disease	59	—	—	—	2	15	11	31
Other Circulatory Disease	21	—	—	—	1	—	6	14
Pregnancy, Childbirth and Abortion.. .. .	1	—	—	—	1	—	—	—
Influenza	4	—	—	—	—	—	2	2
Pneumonia	22	1	—	—	1	5	6	9
Bronchitis	17	—	—	—	1	5	5	6
Other Respiratory Diseases	2	1	—	—	—	1	—	—
Gastritis, Enteritis and Diarrhoea	1	—	—	—	—	—	—	1
Nephritis and Nephrosis	2	—	—	—	—	1	1	—
Congenital Malformations	2	1	—	—	—	1	—	—
Other Defined and ill-defined Diseases	31	7	—	—	1	5	5	13
Motor Vehicle Accidents	2	—	—	1	1	—	—	—
All Other Accidents	4	1	—	—	—	—	1	2
Suicide	1	—	—	—	—	—	—	—
TOTALS — FEMALES	366	11	1	2	14	99	94	145

DEATHS OF RESIDENTS OCCURRING OUTSIDE THE BOROUGH.

During the year 1961, eighty seven 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>
Fedw Hir Hospital	Aberdare U.D.	8
Sully Hospital	Barry M.B.	8
St. David's Hospital	Cardiff C.B.	7
Royal Infirmary	Cardiff C.B.	5
Llandough Hospital	Penarth U.D.	5
S. Wales Sanatorium, Bronllys General Hospital	Hay R.D.	3
St. David's Hospital	Aberdare U.D.	3
Radiotherapy Hospital	Cardiff C.B.	3
General Hospital	Cardiff R.D.	4
Glanely Hospital	Bridgend U.D.	2
E. Glam. Hospital	Cardiff C.B.	2
Cwmdare Road	Llantrisant and Llantwit R.D.	2
Parc Hospital	Aberdare U.D.	2
Creigmuir Road	Penybont R.D.	2
St. Alfred's Hospital	Cardiff C.B.	1
Aelybryn, Fochriw	Greenwich M.B.	1
Manor Way	Gelligaer U.D.	1
St. Lawrence Hospital	Cardiff R.D.	1
Glanrhyd Hospital	Chepstow U.D.	1
Bell Street, Talgarth	Penybont R.D.	1
Broughton Green Road	Hay R.D.	1
Ferry Road, Bray	Northampton C.B.	1
Merrivale Crescent	Cookham R.D.	1
East Cornwall Hospital	Ross U.D.	1
Church View, Marcross	Bodmin M.B.	1
Bridgend District Hospital	Cowbridge R.D.	1
Cwmgwrach Colliery	Bridgend U.D.	1
Guest Keen Works	Neath R.D.	1
County Hospital, Doddington	Cardiff C.B.	1
Aberpergwm Colliery	N. Whitchford R.D.	1
Harry Street, Morrison	Neath R.D.	1
Penyfael Hospital	Swansea C.B.	1
Tower Colliery	Penybont R.D.	1
St. James Hospital	Neath R.D.	1
Watling Ave., Burnt Oak	Tredegar U.D.	1
Victoria Avenue, Didsbury	Hendon M.B.	1
Ogilvie Colliery	Manchester C.B.	1
Sinuden Road, Didcot	Gelligaer U.D.	1
Rhydpenau Road	Wallingford R.D.	1
	Cardiff C.B.	1

Titcombe Hall	Tiverton M.B. ..	1
General Hospital	Weston-Super-Mare ..	1
Morrison Hospital	Swansea C.B. ..	1
Glossop Terrace Hospital	Cardiff C.B. ..	1
Lower House Farm, Leigh	Martley R.D. ..	1
TOTAL ..		87

FATAL ACCIDENTS, MOTOR ACCIDENTS, AND SUICIDES.

(a) *Fatal Accidents :*

Death accelerated by accidental falling	6
Death accelerated by injury accidentally sustained during the course of employment	2
Accident asphyxia by hanging	1
Asphyxia due to impaction of food	1
Multiple injuries received by accidentally falling off roof	1
Multiple injuries accidentally received during course of employment	1
Carbon Monoxide poisoning accidentally received	1
Asphyxia due to pressure when buried under fall	1
Multiple injuries accidentally received when steel joist fell upon him	1
Injuries through accidental crushing in colliery tramroad	1
Toxaemia due to perinephritic abscess through accidentally swallowing a hairclip	1
Total Fatal Accidents ..	17

(b) *Motor Vehicle Accidents :*

Injuries received when knocked down by motor cycle	1
Injuries received whilst a passenger in a car that crashed	3
Extensive injuries accidentally received in a head-on car collision	1
Shock through accidentally colliding with a motor car whilst riding a motor scooter	1
Total Motor Accidents ..	6

(c) *Suicides :*

Multiple injuries caused by committing suicide on a railway track whilst the balance of the mind was disturbed	1
Carbon monoxide poisoning by coalgas self-administered whilst the balance of the mind was disturbed	3
Asphyxia due to drowning whilst the balance of the mind was disturbed	1
Total Suicides ..	5

ANALYSIS OF DEATHS FROM VARIOUS CAUSES.

(i) Heart Disease :

Males	..	..	..	149
Females	..	..	..	127
				276
Total	..	..		276

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 34.12% of all deaths in 1961 as compared with 31.63% in 1960. It also represents a Death Rate of 4,694 per million. Last year it was 4,491.

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

		0-4	5-14	15-44	45-64	65-74	Over75
Males	..	—	—	6	46	48	49
Females	..	—	—	3	33	36	55

(ii) Malignant Neoplasms :

Males	..	..	..	73
Females	..	..	..	51
				124
Total	..	..		124

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 15.33% of all deaths compared with 16.88% in 1960. It represents a Death Rate of 2,109 per million population. Last year it was 2,397.

		0-4	5-14	15-44	45-64	65-74	Over 75
Males	..	—	—	2	33	23	15
Females	..	—	—	3	29	10	9

(iii) Tuberculosis (All Forms) :

Males	..	..	..	5
Females	..	..	..	2
Total	..	..	..	<u>7</u>

Tuberculosis was responsible for 0.87% of all deaths in 1961 as compared with 0.83% in 1960. The Death Rate was 119 per million population. In 1960 it was 118.

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

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

(iv) Vascular Lesions of the Nervous System :

Males	..	..	..	43
Females	..	..	..	69
Total	..	..	..	<u>112</u>

Vascular Lesions of the Nervous System were responsible for 13.84% of all deaths as compared with 15.46% in 1960. The Death Rate was 1,905 per million population. In 1959 it was 2,195

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	9	16	16
Females	—	—	—	15	20	34

(v) Congenital Malformations :

Males	..	..	..	6
Females	..	..	..	2
Total	..	..	..	<u>8</u>

Congenital Malformations were responsible for 0.99% of all deaths and the death rate was 136 per million population.

(vi) Bronchitis :

Males	..	..	..	39
Females	..	..	..	17
Total	..	..	..	<u>56</u>

Bronchitis was responsible for 6.92% of all deaths compared with 7.73% in 1960. The Death Rate from Bronchitis was 952 per million population, and 1,097 in 1960.

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

	0-4	5-14	15-44	45-64	65-74	Over 75
Males	—	—	—	8	23	8
Females	—	—	1	5	5	6

(vii) Pneumonia :

Males	..	..	..	20
Females	..	..	..	22
Total				42

Pneumonia was responsible for 5.19% of all deaths compared with 2.37% in 1960. The Pneumonia Death Rate was 714 per million population. It was 337 in 1960.

INFANT MORTALITY.

Year	No. of Infant Deaths	Infant Death Rate	
		Merthyr Tydfil	England & Wales
1950	43	40.68	29.6
1951	42	42.30	29.7
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

MATERNAL MORTALITY.

During 1961, one Maternal Death was recorded which means that the Maternal Death Rate was 1.0. 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
1950	—	—	—	—	Nil.
1951	3	—	1	2	2.9
1952	1	—	1	—	0.99
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	3	—	—	1	1.00

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), I.C.I. (Chemicals, etc.) 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 1960 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 MOBILITY

During 1960 the Material Mobility Index was recorded which means that the Material Mobility Index was 1.0. The following table shows details of deaths due to accidents with children, pregnancy and abortion during the year 1960.

Year	No. of Deaths	No. of Pregnancies	No. of Abortions
1950	17	1	1
1951	22	1	1
1952	20	1	1
1953	18	1	1
1954	19	1	1
1955	21	1	1
1956	20	1	1
1957	19	1	1
1958	20	1	1
1959	21	1	1
1960	22	1	1

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, 1961, 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	42	—	42
III	Other Mining and Quarrying	85	294	379
IV	Food, Drink and Tobacco	1132	63	1195
V	Chemicals and Allied Trades			
VI	Sheets and Tinplates	600	176	776
VII	Other Metal Manufacture			
VIII	Engineering			
IX	Shipbuilding & Shiprepairing	1	1	2
X	Electrical Goods	263	235	498
XI	Vehicles			
XIV	Metal Goods not elsewhere specified	—	—	—
XV	Textiles			
XVI	Leather, Leather Goods and Fur Manufacture of Wood & Cork	—	—	—
XVII	Paper and Printing	98	538	636
XVIII	Other Manufacturing Industries Clothing and Footwear			
III- XVI	Total all manufacturing industries	2179	1322	3501
XVII	Building and Contracting	280	4	284
XVIII	Gas, Electricity and Water	1	—	1
XIX	Transport & Communication	111	24	135
XX	Distributive Trades	54	36	140
XXI	Insurance, Banking and Finance	4	—	4
XXIV	Public Administration	21	35	56
XXII	Professional Services	1	15	16
XXIII	Miscellaneous Services	13	57	70
	Ex-Service Personnel on leave	1	—	1
	GRAND TOTALS	2712	1543	4255

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 1961 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	79	4	83
II	Mining, etc.	3752	33	3785
III	Food, Drink & Tobacco	204	357	561
IV	Chemicals, etc.	30	31	61
V	Metal Manufacturing	13	—	13
VI	Engineering & Elec. Goods	3630	1119	4749
VII	Shipbuilding, etc.	—	—	—
IX	Metal Goods	196	23	219
X	Textiles	3	5	8
XI	Leather, etc.	17	5	22
XII	Clothing and Footwear	3	5	8
XIII	Bricks, etc.	92	68	160
XIV	Timber, Furniture, etc.	150	192	342
XV	Paper, Printing			
XVI	Other Manufact. Industries	484	444	928
XVII	Construction	1256	39	1295
XVIII	Gas, Electricity & Water	382	33	415
XIX	Transport, etc.	866	55	921
XX	Distributive	1122	1256	2378
XXI	Insurance Banking & Finance	130	74	204
XXII	Professional Services, etc.	543	1367	1910
XXIII	Miscellaneous Services	447	405	852
XXIV	Public Administration	514	281	795
	Ex-Service Personnel	2	—	2
	GRAND TOTAL	13915	5796	19711

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.

REPORT ON THE STATE OF THE COUNTY OF CLINTON

There are two clinics in the County, one at each end of the County, and one at the center. The following are the names of the clinics, and the names of the persons who are in charge of them. The names of the persons who are in charge of the clinics are given in the following table:

Clinton Clinic, New Road, Clinton	Dr. J. H. Smith
Clinton Clinic, New Road, Clinton	Dr. J. H. Smith
Clinton Clinic, New Road, Clinton	Dr. J. H. Smith

PART 3.

Maternity and Child Welfare

The following are the names of the persons who are in charge of the clinics, and the names of the persons who are in charge of them. The names of the persons who are in charge of the clinics are given in the following table:

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Clinton Clinic, New Road, Clinton	Dr. J. H. Smith

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 facilities for Sunlight and Orthopaedic Treatment. 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. Has facilities for Sunlight and Orthopaedic Treatment and 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. Has facilities for Sunlight and Orthopaedic Treatment. Serves the areas of Aberfan, Merthyr Vale and Mount Pleasant.

v. **Treharris Clinic, Bethel Chapel Vestry, John Street, Treharris.**

Provides Ante-natal and Infant Welfare Clinics each Thursday and occasionally on Friday mornings. Serves Treharris Ward, that is Treharris, Edwardsville and Quakers' Yard. (The new Clinic is nearing completion.)

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 1961.

Attendances at Ante-natal Clinics, 1961.

	<i>No. of Clinics provided</i>	<i>No. of Medical Officer Sessions held per month</i>	<i>Number of women in attendance</i>		<i>Total No. of attendances during Year</i>
			<i>Total no. of women</i>	<i>New cases</i>	
Ante-natal	5	22	367	309	1557

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—1961.

<i>Examined for</i>	<i>Number</i>
Rh. Factor	267
Wassermann Reaction	231
G.C.F. and P.P.R.	231
Haemoglobin or Blood Urea	267

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 is an average of twenty-one sessions per month in the area. The number of children under one year who first attended a Clinic in 1961 was 884 and the total number of children under five who attended was 2010. The following table enumerates the attendances according to age-group :

Attendances at Infant Welfare Clinics.

<i>Age Group</i>	<i>No. of attendances during year.</i>
Under 1 year	9722
1 year but under 2 years ..	1784
2 years but under 5 years ..	926
Total Attendances ..	12442

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 1961 are set out below :—

Visits by Health Visitors—1961.

<i>Type of Visits</i>	<i>Children under 5 yrs.</i>	<i>Expectant Mothers</i>	<i>Children aged</i>			<i>T.B. visits</i>	<i>Other visits</i>
			<i>Under 1 yr.</i>	<i>1-2 yrs.</i>	<i>2-5 yrs.</i>		
First Visits	1094	580	1094	—	—	—	—
Total Visits	16846	752	5471	3186	4966	116	2355

(Note : Other Visits include investigations of Home Help Applications, houses where Home Helps are working, Infectious Diseases Investigations, Stillbirth and Infant Death Inquiries, etc.)

The total number of Families or Households visited by the Health Visitors during 1961 in order to accomplish the investigations, routine visits, etc., appearing in the above table was 13,482.

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 1961 they attended two hundred and four domiciliary cases. Of these cases, eighteen were delivered when a doctor was present and the remaining one hundred and eighty six without a doctor present. It was necessary for the midwives to send to General Practitioners for Medical Aid under Section 14(1) of the Midwives Act, 1951, in nine cases. The midwives also attended two hundred and thirty seven cases on discharge from institution and before the tenth day. All midwives are trained to use gas and air apparatus and each has her own. One hundred and nineteen cases were delivered with the administration of gas and air analgesia without a doctor being present and eleven such cases when a doctor was present.

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. As I have stated in previous reports, there is still no premature unit in this County Borough and consequently, the units at St. David's Hospital, Cardiff, Church Village, Newport and Neath have to be used.

Premature Births.

<i>Notified from</i>	<i>Number</i>	
	<i>Live</i>	<i>Still</i>
Hospital	90	17
Home	11	1
Private Nursing Home ..	Nil.	Nil.

PREMATURE BIRTHS 1961.

Weight at birth	PREMATURE LIVE BIRTHS						PREMATURE STILL-BIRTHS					
	Born in Hospital			Born at home and nursed entirely at home			Born at home and transferred to hospital on or before 28th day					
	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Born in hospital	Born at home	Born in nursing home
(a) 3 lb. 4 oz. or less (1,500 gms. or less)	8	3	2	—	—	—	—	—	—	8	—	—
(b) Over 3 lb. 4 oz. up to and including 4 lb. 6 oz. (1,500-2,000 gms.)	17	2	12	—	—	—	1	—	1	5	—	—
(c) Over 4 lb. 6 oz. up to and including 4 lb. 15 oz. (2,000-2,250 grms.)	26	—	25	3	—	3	—	—	—	1	—	—
(d) Over 4 lb. 15 oz. up to and including 5 lb. 8 oz. (2,250-2,500 gms.)	39	—	36	7	—	7	—	—	—	3	1	—
TOTALS	90	5	75	10	—	10	1	—	1	17	1	—

INFANT MORTALITY—1961

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Nett Deaths from Stated Causes under One year—Age Distribution.

CAUSE OF DEATH	Under 1 week	Over 1 week and Under 1 month	Total under 1 month	1 month to 3 months	3 months to 6 months	6 months to 9 months	9 months to 12 months	Total Deaths under one year
ALL CAUSES	19	1	20	3	—	—	1	24
Premature Birth	9	—	9	—	—	—	—	9
Pneumonia	—	—	—	2	—	—	—	2
Hydrocephalus, etc.	3	—	3	—	—	—	—	3
Congenital Malformation	3	1	4	1	—	—	—	5
Accidental Death	—	—	—	—	—	—	1	1
Birth Injury	2	—	2	—	—	—	—	2
Other Causes	2	—	2	—	—	—	—	2
TOTAL	19	1	20	3	—	—	1	24

INFANT MORTALITY—1961.

Nett Deaths under One year from Stated Causes—WARD DISTRIBUTION.

<i>CAUSE OF DEATH</i>	<i>Dowlais Ward</i>	<i>Peny-darren Ward</i>	<i>Park Ward</i>	<i>Cyfath-fa Ward</i>	<i>Town Ward</i>	<i>Ply-month Ward</i>	<i>Merthyr Vale Ward</i>	<i>Treharris Ward</i>	<i>Total</i>
All Causes	3	—	5	4	4	3	1	4	34
Premature Birth	2	—	1	1	3	2	—	—	9
Pneumonia	—	—	—	2	—	—	—	—	2
Hydrocephalus	—	—	1	1	—	—	—	1	3
Congenital Malformation ..	—	—	2	—	1	1	—	1	5
Accidental Death	—	—	—	—	—	—	—	1	1
Birth Injury	—	—	1	—	—	—	—	1	2
Other Causes	1	—	—	—	—	—	1	—	2
TOTAL	3	—	5	4	4	3	1	4	34

ST. TYDFIL'S HOSPITAL AND GWAUNFARREN MATERNITY HOME

Eight hundred and seventy one cases entered St. Tydfil's Hospital and Gwaunfarren Maternity Home during the year for confinement, of whom 767 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.

St. Tydfil's Hospital :

Total number of Births	..	..	..	390
Total number of Stillbirths	..	..	..	29
Maternal Deaths	..	..	..	Nil.

Gwaunfarren Maternity Home :

Total number of Births	..	..	..	453
Total number of Stillbirths	..	..	..	2
Number of Maternal Deaths	..	..	..	Nil.

The following are details of premature infants born in hospital during 1961 :

Total Live Premature Births	..	..	90
No. died within 24 hours	..	..	5
Number survived 28 days	..	..	75
Total Premature Stillbirths	..	..	17

PUERPERAL PYREXIA.

There were no cases of Puerperal Pyrexia notified during the year.

There were no deaths from Puerperal Pyrexia during the year.

OPHTHALMIA NEONATORUM.

No cases of Ophthalmia Neonatorum was notified during the year.

DENTAL REPORT, 1961.

There continues to be a drop in the number of mothers attending for treatment, as in previous years, but this year may reflect to a certain extent, the long-awaited amendment to the N.H. scheme, namely the free provision of dentures for mothers, an anomaly which has existed since its inception.

Though there has been an increase in the number of extractions there has been a decrease in the number of dentures fitted. It is most desirable that mothers should take advantage of the service at the earliest possible moment, but unfortunately, some still leave dental matters until it is too late to help them.

There has been a slight increase in the number of infants attending, requiring treatment, and who have been made fit, but a decrease in the amount of treatment given, which in a way is a favourable point.

There is no doubt that attendances in these classes have been seriously affected by the 'flu' epidemic, even if the individuals themselves had not been directly affected.

It is hoped in the new year to give some talks to the professional staff, so that by wise dental health propaganda these classes will be made more dentally conscious and stimulated to use the service more often and wisely.

DETAILS OF DENTAL TREATMENT—1961

DENTAL TREATMENT—CASES TREATED.

	<i>Examined</i>	<i>Needing Treatment</i>	<i>Treated</i>	<i>Made Dentally Fit</i>
Expectant and Nursing Mothers	52	52	52	42
Children Under Five	314	308	298	293

FORMS OF TREATMENT RECEIVED.

	<i>Extractions</i>	<i>Gen. Anaesthetics</i>	<i>Fillings</i>	<i>Scalings and Gum treatment</i>	<i>Silver Nitrate treatment</i>	<i>Radio-graphs</i>	<i>Dentures provided</i>	
							<i>Full Upper or Lower</i>	<i>Partial Upper or Lower</i>
Expectant and Nursing Mothers	219	80	20	77	—	—	9	11
Children under five	551	304	12	12	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 1961 the following foods were sold at the various Clinics throughout the Borough :—

National Dried Milk	..	..	15,421 tins
Cod Liver Oil	..	..	1,966 bottles
Vitamins A and D	..	..	689 packets
Orange Juice	..	..	10,166 bottles

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

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

BOARDING-OUT OF CHILDREN.

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

Children Boarded-out as on the 1st of September, 1961.

1. Merthyr children boarded-out in Merthyr	43
2. Children boarded-out in Merthyr by other Authorities	3
3. Children supervised under Child Life Protection provisions	4

Health Education.

The Local Health Authority possesses a pegboard display cabinet for exhibiting literature on various subjects issued by the Central Council for Health Education. Posters referring to current propaganda on health subjects are displayed in the waiting rooms of all clinics and Health Visitors encourage discussion by mothers of the various subjects. The Hollies Clinic has a large room with black-out facilities and a permanent cine-screen for the showing of 16 mm. sound films on relevant subjects.

During the winter months, one afternoon per month was devoted to lectures on selected subjects to various sections of the staff, usually the Health Visitors, District Nurses and Public Health Inspectors. The following are details of the principal subjects :—

- “Phenylketonuria and other Related Advances.”—*Dr. J. N. Bodger.*
- “Basic Principles of Health Education.” *Mr. D. C. N. Davis.*
- “Immunity and Auto-Immunity.” *Dr. J. N. Bodger.*
- “Up-to-Date Concepts of Health Visiting.” *Miss Mary Davies, (Lecturer in Health Visiting, Welsh National School of Medicine).*
- “Some Aspects of the School Dental Service.” *Mr. F. Baguley.*

Films on various Public Health and allied matters were also shown during these sessions. Dr. Bodger has also arranged informal Lecture/Discussion periods for the Public Health Inspectors on the broad principles of the Control of Infection in the community.

Films on Babycraft and Motherhood were shown to invited audiences at all clinics on evenings during the winter. A Health Visitor was present to answer questions or stimulate discussion at each film show and the response was encouraging considering the weather. Unfortunately, some clinics have no black-out facilities so we are compelled to hold these shows during the winter months when there is greater possibility of inclement weather.

On 28th June 1911, the following was published in the *Journal of the American Medical Association*: "The following are the results of the investigation conducted by the U. S. Army Medical Department, Walter Reed, and his associates, in connection with the study of the malarial parasite in the blood of man and other animals." The following are the results of the investigation:

1. The malarial parasite is present in the blood of man and other animals during the febrile period of the disease.

2. The malarial parasite is present in the blood of man and other animals during the intercritical period of the disease.

3. The malarial parasite is present in the blood of man and other animals during the convalescent period of the disease.

4. The malarial parasite is present in the blood of man and other animals during the period of relapse.

5. The malarial parasite is present in the blood of man and other animals during the period of recurrence.

6. The malarial parasite is present in the blood of man and other animals during the period of chronicity.

7. The malarial parasite is present in the blood of man and other animals during the period of terminal relapse.

8. The malarial parasite is present in the blood of man and other animals during the period of death.

9. The malarial parasite is present in the blood of man and other animals during the period of post-mortem life.

10. The malarial parasite is present in the blood of man and other animals during the period of re-animation.

11. The malarial parasite is present in the blood of man and other animals during the period of re-animation.

12. The malarial parasite is present in the blood of man and other animals during the period of re-animation.

13. The malarial parasite is present in the blood of man and other animals during the period of re-animation.

14. The malarial parasite is present in the blood of man and other animals during the period of re-animation.

Health Bulletin

The following are the results of the investigation conducted by the U. S. Army Medical Department, Walter Reed, and his associates, in connection with the study of the malarial parasite in the blood of man and other animals. The following are the results of the investigation:

PART 4.

The Incidence and Control of Infectious and Other Diseases

Infectious Diseases.

WARD DISTRIBUTION OF NOTIFICATIONS RECEIVED—1961

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WARD	DISEASE	Scarlet Fever	Diphtheria	Whooping Cough	Measles	Erysipelas	Some Infection and Dysentery	Polomyelitis	Salmonella Infections etc.	Ophthalmia Neonatorum	Gastro-Enteritis	Dysentery	Meningitis	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Pneumonia	TOTAL
DOWLAIS	4	—	—	97	—	—	—	—	—	—	—	1	5	1	—	108
PENYDARREN	—	—	—	128	1	1	—	2	—	—	—	—	6	1	—	139
PARK	6	—	—	158	1	1	—	—	—	2	—	1	7	1	—	177
CYFARTHFA	5	—	1	194	—	—	—	—	—	—	—	—	5	2	1	208
TOWN	3	—	—	156	1	3	—	—	—	—	—	—	10	—	—	173
PLYMOUTH	—	—	—	70	—	1	—	—	—	1	—	—	8	1	—	81
MERTHYR VALE	—	—	—	35	—	6	—	—	—	—	—	—	2	—	—	43
TREHARRIS	1	—	—	10	—	—	—	—	—	2	—	—	9	—	—	22
TOTAL	19	—	1	848	3	12	—	2	—	5	—	2	52	6	1	951

DIPHTHERIA IMMUNISATION — 1961.

The following table gives the numbers of children in the various age groups who were immunised against Diphtheria up to the end of 1961.

	CHILDREN BORN IN YEARS :—							Total
	1961	1960	1959	1958	1957	1952-56	1947-51	
Number of children who completed a full course of Primary Immunisation during 1961	312	410	105	66	50	321	33	1297
Number of children who received a Secondary (Reinforcing) Injection during 1961	—	—	2	7	7	54	74	144

**DIPHTHERIA / WHOOPING COUGH / TETANUS
IMMUNISATION.**

The procedure adopted by this Local Health Authority closely approximates to that of Schedule P of Circular 26/61 so that no alteration of arrangements was required by its inception. A variety of antigens (single or in combination) is in routine use by the Local Health Authority's Clinics in order to provide for the needs of various age-groups and individual requirements :

- (i) Trivalent antigen (double strength).
- (ii) Diphtheria only.
- (iii) Diphtheria/Tetanus combined.
- (iv) Tetanus only.

It should be made quite clear that the Trivalent Antigen is that which is used for the primary immunisation of infants unless there is parental objection to it or the medical or family history, e.g. epilepsy, convulsions, etc., precludes the administration of Whooping Cough antigen. In 1961, 312 infants who were born in that year, completed their primary immunisation course as did 410 born in 1960. In all, 1297 children of all ages completed their primary course and 144 diphtheria booster doses were given.

Separate mention must be made in the specific case of tetanus prophylaxis, which is unique in its own right and of paramount importance. This is so because of (a) the increasing use of tetanus antigens in civilian life ; (b) the tragedies that have occurred in recent years following trivial injuries and (c) the far-reaching implications in giving or not giving emergency antiserum in hospital casualty departments. This Health Authority strongly urges parents to allow their children to be immunised against tetanus and no efforts are spared to make the position, in the event of any laceration, quite clear so that repeated verbal instruction is given by the Medical Officers and Nursing Staff and also provision of a certificate of immunisation at the completion of the primary or other course. It is felt that this matter could well be of a "Life or Death" importance, and the question deserves the utmost consideration by all concerned.

There are two components to the question of tetanus prophylaxis :

- (i) sensitivity/allergic reactions following antitetanus serum in casualty departments in susceptible individuals—hence the necessity for those suffering from, for example, allergic asthma, to be actively immunised ;
- (ii) positive assurance in casualty departments that individuals have been actively immunised so that Casualty Officers may safely withhold antiserum and administer the safer toxoid.

This point has been deliverately laboured because of its importance, but unfortunately complete coverage is not possible at present as children and parents may forget having had their course of immunisation or insist on having received active immunisation which, in actual fact, they may have never had. As for the record card, this may not be available when required or may have been lost. The obvious conclusion here is that some standardised method should be introduced generally at the very earliest. For example, it has been suggested that actively immunised persons be tattooed to that effect using a small distinctive symbol such as the letter "T" over the iliac crest, by means of a "Heaf-type" apparatus.

DIPHTHERIA.

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

During the year 1961, no notifications of Diphtheria were received.

No deaths occurred during 1961.

SCARLET FEVER.

Number of cases for the year 1961	.. ..	19
Number of deaths	.. .. .	Nil.

Of the 19 notified, 2 were removed to hospital, and the remainder were nursed at home. The disease continues to be mild in type.

MEASLES.

Number of Cases for the year 1961	.. ..	848
Number of Deaths	.. .. .	Nil.

ACUTE POLIOMYELITIS.

There were no cases of Poliomyelitis notified during the year.

GASTRITIS, DIARRHOEA AND ENTERITIS

There were two deaths from Diarrhoea, Gastritis and Enteritis during the year. Five cases of gastro-enteritis were 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 1961, seven deaths—five males and two females—occurred from Pulmonary Tuberculosis. This represents a Death Rate of 119 per million population, slightly greater than the National rate of 65.0 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 ..	—	—	—	1	2	2
Females ..	—	—	—	1	1	—

The Health Visitors of the Local Authority also carry out the duties of Tuberculosis Visitors and during 1961 they made one hundred and sixteen 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. During the year, the District Nurses attended ten cases and, in order to carry out the treatments, paid one thousand, two hundred and sixty-three visits.

NOTIFICATIONS.

Total number of Notifications :

Pulmonary	51
Non-Pulmonary	4

Notification Rates (Per Thousand Population) :

Pulmonary	0.87
Non-Pulmonary	0.07

DEATHS.

Total number of Deaths	7
Pulmonary :	
Males	5
Females	2
Non-Pulmonary :	
Males	—
Females	—

Death Rate (per million population) :

Pulmonary :	
Males	85.0
Females	34.0
Non-Pulmonary :	
Males	Nil.
Females	Nil.
Total Death Rate (all forms)	119.0

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS 1952.

PRIMARY TUBERCULOSIS NOTIFICATIONS 1961

<i>Age Periods</i>	0-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75 and Over	<i>Total</i>
Respiratory Males ..	1	—	1	2	1	6	7	9	—	27
Respiratory Females	1	—	3	4	5	5	3	3	—	24
Non-Respiratory Males ..	—	—	—	—	1	—	—	—	—	1
Non-Respiratory Females ..	—	—	—	1	1	—	1	—	—	3
TOTALS ..	2	—	4	7	8	11	11	12	—	55

B.C.G.

During 1961, 213 pupils in the 13+ years of age group were given B.C.G. vaccination. This was integrated, for the sake of convenience, into a trial run for the projected annual tuberculin (Heaf) skin-testing scheme of the Local Health Authority. In all, 846 children of all age groups from all types of schools were tested in this way. In the light of experience it would seem that parents are anxious to co-operate in any scheme contributing towards the prevention of disease. On reflection, it is thought that with the Staff available and the inevitable disruption of school routine, annual surveillance of all children may be too ambitious. A compromise could well be considered and testing on alternate years introduced in its place.

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 conforming 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.

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 1961 making a total of 15 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 will come into full operation in the middle of 1962 when the first subjects attain suitable age.

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-incompatibility 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	3
Number of Deaths	Nil.

Three notifications of persons suffering from Erysipelas were received during the year, three more than the previous year.

BRONCHITIS.

Number of Deaths	56
Bronchitis Death Rate (Per Million Population)	952

Forty-two of the deaths occurred amongst persons aged 65 years and over, thirteen in the 45-64 years age group, and one in the 15-44 years age group. Of these, 39 were males and 17 were females.

WHOOPING - COUGH.

Number of deaths from Whooping Cough ..	Nil.
Number of cases notified to the Department and visited by Health Visitors	1
Whooping Cough Death Rate	Nil.

PNEUMONIA.

Number of Notifications received during the year	1
Number of Deaths from Pneumonia (all forms)	42
Pneumonia Death Rate (per Million Population)	714

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 24 males and 9 females attended the clinic. The number of cases in which treatment was found not to be necessary was 12 males and 4 females.

The number of attendances :—

- (a) For individual attention of the Medical Officer was :
59 males and 25 females.
- (b) For intermediate treatment, e.g., dressings, etc. was :
Nil.

Attendances at V.D. Clinic 1940—1961

<i>Year</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
1940	4129	1070	5199
1941	2346	1459	3805
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

Syphilitic Diseases.

Number of Deaths Nil.

Year	Number of Deaths	Percentage
1940	0	0.00
1941	0	0.00
1942	0	0.00
1943	0	0.00
1944	0	0.00
1945	0	0.00
1946	0	0.00
1947	0	0.00
1948	0	0.00
1949	0	0.00
1950	0	0.00
1951	0	0.00
1952	0	0.00
1953	0	0.00
1954	0	0.00
1955	0	0.00
1956	0	0.00
1957	0	0.00
1958	0	0.00
1959	0	0.00
1960	0	0.00
1961	0	0.00
Total	0	0.00

POLIOMYELITIS VACCINATION.

In March, 1956, registration for Poliomyelitis Vaccination was offered to all schoolchildren born from 1947 to 1952 inclusive. The parents or guardians of 2,767 children consented and 285 of these were given the complete course of two injections in 1956. The campaign was extended in 1957 to include children between 1943 and 1946 inclusive and a further 1,549 children were registered in this group. Late in 1958 the offer of Vaccination was further extended to young persons born after 1st January, 1933.

Up to 1960, a total of 9,652 children of all age groups completed the course of vaccination and up to 31st December, 1960, 11,631 had received a third injection.

During 1961 a fourth dose was authorised by the Ministry and the primary course of vaccination was extended to three doses. During the year, 2775 completed the course of three injections and a further 3593 fourth doses were given to persons in all age groups as they became due for it. Up to the 31st December, 1961, 14,406 persons of all age groups had completed the primary course of three injections.

Supplies of vaccine from British manufacturers were received at approximately monthly intervals during the year and vaccination was continued throughout the Summer months.

SMALL POX VACCINATION.

During the latter part of 1960, monthly Smallpox vaccination Sessions were commenced at all Infant Welfare Clinics in the County Borough. Whilst the age at which infants are vaccinated varies considerably, we are encouraging mothers to have their children done during the "gap" between the last Diphtheria/Pertusus/Tetanus and the first Poliomyelitis Vaccinations. The scheme has met with considerable success and resulted in a total of 572 vaccinations and 28 re-vaccinations in 1961 as compared with 181 and 45 in 1960.

<i>Age Group</i>	<i>Primary Vaccination</i>	<i>Revaccination</i>
Under 1 year ..	335	3
1 year ..	60	—
2—4 ..	120	2
5—14 ..	16	1
15 and over ..	41	22
TOTAL ..	572	28

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 and visits paid by the District Nurses during the year.

Home Nursing Visits and Cases.

	<i>Medi- cal.</i>	<i>Surg- ical.</i>	<i>Infect. Diseases.</i>	<i>T.B.</i>	<i>Maternal Compl'ns.</i>	<i>Other Cases</i>	<i>Total</i>
Cases Atten.	972	313	2	10	18	362	1677
Visits Paid	32411	14846	9	1263	188	1170	49887

The next table gives a further analysis of the cases and visits set out in the previous table. Details regarding children under 5 years and patients over 65 years and also those who had more twenty-four visits in the year are as follows :—

Home Nursing—Special Classes of Patient.

	<i>Patients who at time of first visit were :</i>		<i>Patients who had more than twenty- four visits during year.</i>
	<i>Under 5 yrs</i>	<i>Over 65yrs</i>	
Cases attended ..	67	574	358
Visits paid ..	843	21440	23047

—:0:—

HOME - HELPS.

During the year, eighty home helps were employed on a part-time basis and they provided help in one hundred and thirty-five cases of chronic sickness which includes the aged and infirm. Help was also provided in fourteen other cases.

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	92
Omnibus Department	35
Fire Brigade	14
Town Hall & Education Dept. Candidates ..	48
Public Works Employees	21
Police Candidates	3
Superannuation	13
TOTAL	226

All the above received an X-Ray examination.

Four hundred and twenty-one 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.

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.

PART 5.

**Welfare, Mental Health, Ambulance
and other Allied Services**

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 Teachers and Teaching Assistants	12
Commerce Department	12
Play Groups	14
Town Hall & Education Dept. Cadets	46
Public Works Employees	21
Police Constables	7
Insurgents	11
Total	123

Examinations for X-ray treatment were also carried out in order to ascertain the fitness of patients for treatment. The following are details of X-ray examinations carried out during the year—

EXAMINATIONS FOR X-RAY TREATMENT

Welfare, Medical Health, Ambulance and other Allied Services

The following are details of the work done during the year in connection with the Welfare, Medical Health, Ambulance and other Allied Services—

1. The aged.
2. Physically handicapped persons.
3. Expectant Mothers and School Children.

One female Constable is employed as a nurse in the Ambulance and is posted to give treatment to aged persons in the Ashby House.

Close arrangements exist between the Local Health Authority, the Hospital Management Committee and the General Practitioners. This is particularly so in the admission of patients to hospital and the admission and discharge of patients to and from Maternity Hospitals. All children below the age of school are examined in hospital or at home by the Department of the Management Committee. Reports of the Local Health Authority and details of such cases are sent to the Medical Officer of Health. Where necessary, District Nurses attend children at home for extended periods and all cases are followed up afterwards. A regular contact is maintained with the Medical Officer of Health and the General Practitioner of the residence of a child patient admitted to an Infant Welfare or School Medical Clinic.

ANALYSIS OF PATIENTS TRANSPORTED DURING THE YEAR 1961

Removed From :	Removed to :																			TOTALS																		
	St. Tydfil's Hospital	General Hospital	Mardy Isolation Hospital	Sandbrook House Hospital	Gwaunfarren Hospital	Cardiff Royal Infirmary	Llandough Hospital	Church Village Hospital	Prince of Wales Hospital	Glanely Hospital	Whitchurch Hospital	Sully Hospital	T.B. Clinic	Ministry of Pensions, Cardiff	Pontsarn Sanatorium	Hollies Clinic	St. Winifred's Hospital	Morriston Hospital	Bridgend Hospital	Home	Fedw Hir Hospital	St. David's Cardiff	St. Lawrence's, Chepstow	Glossop Terrace, Cardiff	Talgarth Sanatorium	Talygarn Hospital	Neath	Bridgend General	Royal Gwent Hospital	Rookwood Hospital	Mountain Ash Hospital	Aberdare General Hospital	Other Hospitals, etc.	Ebbw Vale Hospital	Royal Hamdryad Hospital	Tredegar Hospital	TOTALS	
Home	7064	961	139	2	297	576	42	51	185	4	28	71	155	70	9	1	1	6	92	22	41	142	11	16	33	2												10136
St. Tydfil's Hospital	311	315				41	1	1	37		25	19	9	76					18	7822	36	17			3													8823
General Hospital	389	277			4	25	2	2			4	3								545																	1258	
Mardy Isolation Hospital	81	112																		178					4												546	
Sandbrook Hospital						5						12	151																								1	
Gwaunfarren Mat. Home	44	6																		57																	116	
Cardiff Royal Infirmary	35	5	5																	579		6		2													624	
Llandough Hospital																				40																	41	
Church Village																																					3	
Prince of Wales Hospital	28																			190																	218	
Glanely Hospital																				3																	3	
Whitchurch Hospital	24	5																		39																	68	
Sully Hospital	5		3																	43																	51	
T.B. Clinic	9	2	153																	155																	320	
Pontsarn Sanatorium																																						2
Hollies Clinic																				2																	4	
Fedw Hir Hospital	4																																				4	
St. David's	3	1																			150																154	
Other Hospitals & Clinics	86	10	6																	198																	300	
Factories	170																			54																	226	
Other Accidents	145	8																		17																	170	
TOTALS	8089	1422	898	2	311	647	46	54	222	4	57	105	317	147	9	1	1	7	111	10150	43	185	29	19	40	2										23218		

Total Number of Journeys, 7784

Total Mileage, 122,485

STATEMENT OF THE BOARD OF DIRECTORS FOR THE YEAR 1900

No.	Description of Assets	1900	1899
1	Real Estate	1,000,000	1,000,000
2	Loans	500,000	500,000
3	Stocks	200,000	200,000
4	Bonds	100,000	100,000
5	Other Assets	50,000	50,000
6	Liabilities	1,850,000	1,850,000
7	Capital	1,000,000	1,000,000
8	Surplus	850,000	850,000
9	Total	3,700,000	3,700,000

Total Assets

Total Liabilities

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 said last year, 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 1961.

Ambulance Service ; Mileage ; Patients ; Journeys, 1950-1961.

<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

Next, details of the patients per journey for the years 1950 to 1961 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, 1950-1961.

<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

MENTAL HEALTH.

The Local Authority is responsible for the control of the combined services of Mental Deficiency and the initial proceedings for Mental 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 the Psychiatric Out-Patients Clinic 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 under the Mental Deficiency Act. The Local Authority employs a full-time Mental Welfare Officer, who has the assistance of a part-time Assistant when required.

Admissions to Psychiatric Hospitals

<i>Type</i>	<i>Informal</i>	<i>Observ.</i> (<i>Sec. 25</i>)	<i>Treatment</i> (<i>Sec. 26</i>)	<i>Urgency</i> <i>Observ.</i> (<i>Sec. 29</i>)
Morganwg Hosp., Bridgend	.. 130	25	10	14
Talgarth	.. 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 will be due for completion in 1962.

ii. *Mental Deficiency.* There are four patients awaiting admission to Mental Deficiency Institutions in respect of whom applications have been made to the Regional Psychiatrist.

Patients from the County Borough in Institutions, 1961.

<i>Institution</i>	<i>Male</i>		<i>Female</i>	
	<i>Over 16</i>	<i>Under 16</i>	<i>Over 16.</i>	<i>Under 16</i>
Hensol Castle, Pontyclun	.. 11	.. —	10	.. 1
Ely Hospital, Cardiff	.. 4	.. 4	1	.. 2
Stoke Pk. Colony, Bristol	.. 3	.. —	—	.. —
St. Mary's Convent, Roeh'mpton	—	.. —	1	.. —
Llanfrechfa Grange, Newport	.. 2	.. —	7	.. —
Brynhyfryd, Welshpool	.. —	.. —	1	.. —
Mt. Pleasant, Swansea	.. —	.. —	1	.. —
Llysmaldwyn Caersws	.. —	.. —	1	.. —

iii. *Defectives in the Community.* The Local Authority is responsible for the supervision of patients on licence from Mental Defective Institutions. Reports on home conditions and supervision are carried out by the Mental Welfare Officer in co-operation with the Health Visitors. The number of defectives under special supervision in 1961, together with the patients awaiting institutional care and on licence 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	2 ..	1	2 ..	—
On licence	—	—	—	—
Under supervision	52 ..	11	43 ..	18

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 1961 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	116	61	177
Health Department ..	11	6	17
Parents	7	6	13
Paediatrician	1	—	1
Director of Education ..	1	—	1
Dermatologist	2	—	2
TOTAL	138	73	211

Reason for Initial Referral

<i>Reason</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Speech Difficulties ..	6	8	14
Educational Problems ..	114	57	171
Maladjustment	10	5	15
Nervous Symptoms ..	8	3	11
TOTAL	138	73	211

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 127 persons, as follows :—

Duffryn Taf	.. ..	31 male	12 female
Pentrebach House	.. ..	25 male	—
St. Tydfil's	.. ..	30 male	15 female
			(Campsie House)
Pantyscallog House	.. ..	—	14 female
		—	—
		86 male	41 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.

In December, 1961, owing to the closing of Campsie House for residential accommodation, and to the taking over of Sandbrook House as a home under the Mental Health Act, the following transfer of residents was affected :

- 7 residents from Campsie House and 8 from Pantyscallog House to Sandbrook House ;
- 8 residents from Campsie House to Pantyscallog House.

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.

Building work has been commenced on a new, purpose-built Mixed Home in the Gurnos Estate, and when this is completed, will provide accommodation for 40 residents.

During the year, Schemes have been established 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	2	2	4
Arthritis & Rheumatism	6	8	14
Congenital Malformations & deformities	10	11	21
Diseases of Digestive & Genito-Urinary Systems of Heart or Circul. System or Respiratory System (other than Tubercu- losis) and of skin	1	1	2
Injuries of head, face, neck, thorax, ab- domen, pelvis or trunk. Injuries or diseases (other than Tuberculosis) of upper and lower limbs and of the spine	18	3	21
Organic Nervous diseases	7	12	19
Neuroses	1	—	1
Tuberculosis (Respiratory)	1	—	1
do. (Non-respiratory)	1	—	1
	47	37	84

GROUPING :

Persons 16 years and upwards.

Capable of work under ordinary conditions	2	—	2
Incapable of work under ordinary con- ditions but mobile and capable of work in Sheltered workshops	2	—	2
Incapable of work under ordinary con- ditions and insufficiently mobile for work in sheltered workshops but capable of work at home	11	9	20
Incapable or not available for work ..	26	25	51
Children under 16 whose needs are likely to be met by other enactments but for whom the L.A. have a general respon- sibility under S.29 of N.A. Act, 1948 ..	5	4	9
	46	38	84

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	3	—	2	3	4	4	5
Female	.. 8	1	—	2	2	5	2	7
	14	4	—	4	5	9	6	12

Disabled Driver's Car Badges.

As a result of Circular 17/61 (Wales) from the Welsh Board of Health, an additional section has been added to the Register of Handicapped Persons, listing the names and addresses of severely disabled drivers. 16 applications were received and Car Badges subsequently issued.

Burial or Cremation of the Dead.

Arrangements were made for the burial or cremation of 5 persons during the year, as follows:—

Cost borne by Welfare Committee	..	..	..	3
Cost covered by Death Grant	..	..	..	1
Cost borne by relatives	..	..	..	1

General Social Welfare :

With the introduction of the Scheme for the Handicapped etc., regular visiting has been carried out, and encouragement and help brought to many otherwise neglected persons. Their well-being has been looked after and close co-operation maintained between the Department and the various Statutory and Voluntary Organisations concerned.

Assistance was given in the adaptation of homes for handicapped persons, provision being made for structural alterations, a ramp to provide access for an invalid tricycle, etc. as well as smaller aids, enabling the persons concerned to cope far more easily.

The Department, in conjunction with the Merthyr Borough Old People's Welfare Committee, gave constant attention to the welfare of the aged in the Borough. Regular visiting was maintained and advice and help given where needed. The entertainment and social side was very well catered for throughout the year, but with particular accent on the National October Week and at Christmas. Concerts, dramas, Film shows, social evenings, teas, etc. were held in every area of the Borough. For the unfortunates,

such as the housebound and bedridden, who were unable to avail themselves of this entertainment, visits were made with gifts, parcels, flowers, etc. which were extremely well received, and much appreciated.

A Meals-on-Wheels scheme has been under consideration during the latter part of the year, and with the wholehearted co-operation of the W.V.S., a pilot scheme was started in one area to be extended as and whenever possible.

There are 12 Old Age Pensioners Clubs in the Borough and 6 Darby and Joan Clubs, with a membership in total of more than 2,000. Organised activities take place weekly in most of these clubs and Annual Holidays together with Day Outings are well organised.

Close liason is maintained with all the Voluntary Organisations concerned, particularly the Old People's Welfare Committee whose activities cover the whole area, and every effort is being made to strengthen these links and to co-ordinate all the services which so materially affect the welfare of the aged.

(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 261. which is a decrease of 9 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.	2	2	2	5	5	12	25	20
	65-69	70 and over.						
	28	160						

Of the eighteen persons employed in the workshops, four men work in the Basket Department, six 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 five persons employed are employed in sighted industry.

During the year 90 persons were examined by Dr. Parry for blindness and twenty-six were certified as blind persons in accordance with the Act.

On the 31st December, 1961, there were 96 Partially Sighted persons on the Register grouped as follows :—

16-20	21-49	50-64	Over 65 years
2	1	12	81

(c) **Incidence of Blindness.**

During the year 1961, twenty-six persons were admitted to the Register of the Blind and sixty-four (including re-examinations) to the Register of the Partially Sighted on receipt of Form B.D.8.

Of the twenty-six Blind Persons the cause of disability was Cataract in twenty cases, ten of which were recommended for treatment. One case of Glaucoma was registered which was recommended for treatment. Five cases were classified under the heading "Other Causes," four being recommended for and commenced treatment. No cases were registered through Retrolental Fibroplasia.

Total number of Forms B.D.8 received was 90.

(c) Institute of Statistics... the Registrar of the Board of Education... (d) Institute of Statistics...

Total number of Form B.D.2 received was 90... The Registrar of the Board of Education...

...the Registrar of the Board of Education... the Registrar of the Board of Education...

(5) Section 29 - Welfare of the Blind

The welfare of blind persons is maintained on a basis of... The Registrar of the Board of Education...

The blind population is grouped as follows:

0-4	5-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50
2	3	2	2	3	2	2	2	2	2
Total		Total		Total		Total		Total	
5		7		7		7		7	

Of the blind persons employed in the... The Registrar of the Board of Education...

During the year... The Registrar of the Board of Education...

The Registrar of the Board of Education... The Registrar of the Board of Education...

15-20	21-25	26-30	31-35	36-40	41-45	46-50
2	2	2	2	2	2	2

PARTS 6 and 7.

**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, 474 were Statutory and 535 Informal.

Repairs carried out or nuisances abated :

1. Number of houses repaired or made fit	..	..	276
2. Provided with vertical damp courses	..	..	12
3. Roofs repaired	..	..	230
4. Floors repaired, ventilated, etc.	..	..	35
5. Internal plasterings to walls and ceilings	..	..	147
6. Windows repaired, and made to open, etc.	..	..	84
7. Sash cords renewed	..	..	33
8. Food Stores repaired, etc.	..	..	2
9. Stairs and staircases repaired	..	..	4
10. Skirting boards, provided or repaired	..	..	12
11. Doors repaired, re-hung or renewed	..	..	70
12. Firegrates repaired, re-set or renewed	..	..	18
13. Chimney stacks repaired	..	..	73
14. Sink wastes repaired or renewed	..	..	10
15. New sinks provided or fitted	..	..	1
16. External walls, repaired, cemented or re-built	..	..	92
17. Ovens repaired or renewed	..	..	3
18. Eavesgutters and rainwater pipes repaired or renewed	..	..	99
19. Dangerous walls repaired	..	..	17
20. Yards and passages repaired and paved	..	..	17
21. Obstructed drains cleansed	..	..	176
22. Yard gulleys provided	..	..	2
23. Drains repaired or reconstructed	..	..	46
24. Inspection chamber covers renewed	..	..	6
25. W.C. pans renewed	..	..	98
26. W.C. cisterns repaired or renewed	..	..	91
27. Soil pipes or ventilating shafts renewed or repaired	..	..	—
28. Closet structures repaired or reconstructed	..	..	72
29. Animals improperly kept	..	..	1
30. Smoke nuisances	..	..	—
31. Accumulations	..	..	20

INSPECTIONS.

Inspections Made During the Year :

Housing	955
Council Houses	301
Mechanical Factories	141
Non-Mechanical Factories	93
Bakehouses	166
Workplaces	116
Food Preparation Premises	494
Canteens	259
Fish Fryers	153
Inns, Public Houses, etc.	198
Milk and Dairies Regulations	270
Slaughter Houses and Meat Depots	276
Offensive Trades	19
Food Hawkers	158
Common Lodging-houses	30
Houses let in Lodgings	76
Infectious diseases investigated	109
Infectious diseases revisits	55

Complaints received	815
Notices issued	909
Clothing/Premises disinfected	42
Premises disinfested	319
Lengths of drain tested (in feet)	3246
Disinfestation on removal to Council Houses	208

RODENT CONTROL REPORT FOR 1961.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

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

Complaints for the Occupiers of 618 premises were investigated and treatment carried out where necessary. Other infestations were discovered by investigations and were dealt with accordingly. In addition the baiting and poisoning of sewers throughout the borough has been continued.

Details of all work carried out is as follows :—

1. TREATMENT OF SEWERS.

1st MAINTENANCE TREATMENT FOR 1961 (No. 30) :

Dates of Treatment : 5th June to 30th June, 1961.

Total number of manholes in borough	.. .. .	2363
Number of manholes baited	.. .. .	981
Number of manholes showing bait take	.. .. .	299
Schemes of baiting used	.. .. .	1st, 4th and 8th days.
Bait and Poison	.. .. .	Sausage Rusks and Zinc Phosphide.

Note : Treatment No. 30 was actually started on 23rd January, 1961, but was cancelled owing to illness to staff, etc. The treatment was re-organised and completed as above.

2. OTHER SURFACE AND SEWER DISINFESTATIONS.

Number of complaints and investigations, etc.	.. .. .	67
Number of treatments and re-treatments	.. .. .	49

3. REFUSE TIPS.

All refuse tips in the borough were inspected regularly during the year. The following shows the number of inspections and treatments carried out during the year :

Complaints, investigations, etc.	.. .. .	22
Treatments and re-treatments	.. .. .	15

4. SURFACE DISINFESTATIONS.

	TYPE OF PROPERTY				
	Local Authority	Dwelling Houses	B.P. and all others	Total	Agricultural
Number of properties in Local Authorities district	220	18030	2427	20677	64
Number of properties inspected as a result of :—					
(a) Notification	30	519	69	618	1
(b) Survey under Act .. .	12	809	76	897	42
(c) Otherwise—When visited for some other purpose	17	73	37	127	6
Total inspections carried out including re-inspections	66	1667	207	1940	49
Number of properties inspected which were found to be infested by :					
(a) Rats					
Major	2	3	5	10	—
Minor	22	490	57	569	1
(b) Mice					
Major	10	115	10	135	—
Minor	—	32	—	32	—
Number of infested properties treated by Local Authority .. .	34	640	72	746	1
Total treatments carried out including re-treatments .. .	39	803	88	930	1
Number of notices served under Section 4 of the Act :					
(a) Treatment	—	—	—	—	—
(b) Structural Work (i.e. Proofing) .. .	—	—	—	—	—
Number of cases in which default action was taken following the issue of a Notice under Sec. 4 of the Act	—	—	—	—	—
Legal Proceedings	—	—	—	—	—
Number of "Block" Control schemes carried out	—	—	—	7	—

SHOPS ACT 1950 and other MISCELLANEOUS ACTS.

Shops Act 1950 :

In connection with this Act and the Young Persons (Employment) Act 1938, 498 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. Twenty-seven written notices were issued for non-compliance.

697 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. Twenty-seven informal notices were served under Section 37 and details of these are enumerated below :

<i>Requirement.</i>	<i>Number Defective.</i>	<i>Informal Notices Served.</i>	<i>Statutory Notices Served.</i>
Provision and maintenance of :			
(a) Sanitary Conveniences	12	12	Nil.
(b) Washing Facilities ..	4	4	Nil.
(c) Temperature	5	5	Nil.
(d) Ventilation	6	6	Nil.
(e) Facilities for Meals ..	—	—	Nil.
TOTAL ..	27	27	Nil.

Pharmacy and Poisons Act :

Forty-one premises are registered for the sale of Poisons listed in Part II of the Pharmacy and Poisons Act, 1933. 99 visits of inspection were made during the year and in all cases the Act was properly observed.

Refreshment Houses Act, 1870.

Thirty-one 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 are 2 common lodging-houses in the Borough and 30 visits of inspection were made by the Inspectors. Three notices were served during the year to abate nuisances or remedy defects. The conditions generally may be said to be fairly satisfactory.

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-four 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.

Ninety-one notices to repair or replace w.c. cisterns and ninety-eight notices to renew w.c. pans were served during the year. One hundred and seventy-six notices were issued to repair dilapidated, defective and choked drains.

PROSECUTIONS 1961

The following is a summary of Police Court Proceedings taken during 1961 :—

<i>Nature of Offence and Act under which proceedings were taken.</i>	<i>Initials of Defendant.</i>	<i>Result</i>
Repairs not carried out P.H. Act, Sec. 93 ..	M.G.	28 days Order.
do. ..	W.D.O.	do.
do. ..	S.G.	Fined £3
do. ..	W.M.B.	Work completed. Costs 7/-
do. ..	W.M.B.	do.
Food Hygiene Reg. 5 ..	H. & Co.	Absolute discharge. £3/7/- costs.
Repairs not carried out P.H. Act, Sec. 93 ..	W.W.	Work completed. Costs 3/6
do. Sec. 93 ..	W.M.B.	Work comp. Costs 10/6
do. Sec. 45 ..	do.	do.
do. Sec. 39 ..	do.	do.
Food & Drugs Act, 1955	C.W.S.	Fined £5.
Food Hygiene Regs. '60	C.O.	Fined £4
Non-compliance with Nuisance Order	S.G.	Fined £3.
Repairs not carried out P.H. Act, Sec. 93.	W.M.B.	Adjourned 14 weeks. Work completed.
do.	J.E.	Adjourned 8 weeks.
do.	M.B.	Adjourned 6 weeks. Work completed.
do.	J.E.	Adjourned 5 weeks.
do.	J.E.	do.
do.	G.J.	Adjourned 13 weeks.
do.	K.C.	Work completed. Costs 7/-
do.	E.J.	do.
do.	E.J.	Adjourned 9 weeks.
do.	W.L.	28 days order
do.	W.M.B.	28 days order.

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, Pentrebach, 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	..	29
Number of Certificates granted	.. .. .	20
Number of Certificates Cancelled	.. .. .	2
Number of Undertakings submitted and accepted	.. .. .	5

(This Act came into operation in July, 1957).

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 161 conversions were carried out at various places within the Borough at a cost of £3,452, 50% 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)	1256
(b) Number of inspections made for the purpose	1320
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing (Consolidated) Regulations, 1925	215
(b) Number of inspections made for the purpose	235
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ..	273
(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	336

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 ..	303
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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	535
(2) Number of dwelling houses in which defects were remedied after service of formal notices .—	
(a) By owners	157
(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	29
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	24
(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 houses closed in pursuance of Closing Orders	15
(6) Number of Local Authority owned houses certified unfit	—
(7) Number of Local Authority owned houses demolished	—
(8) Number of houses closed under Section 18 of Housing Act, 1937 ..	—

5. CLEARANCE AREAS.

(1) Number of Clearance Areas declared	Nil.
(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	67

HOUSING PROGRESS—1961.

Total number of houses in the County Borough	18,030
Number of privately owned houses	14,014
Number of houses owned by the Local Authority :	
Pre 1939	1,358
Post 1945	2,658
	<hr/>
	TOTAL
	18,030
	<hr/>
Number of houses built during 1961 :	
Council	142
Privately Owned	60

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 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.

**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.

TABLE 30
FACTORIES ACT, 1937 and 1948
INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH, INCLUDING
INSPECTIONS MADE BY PUBLIC HEALTH INSPECTORS—1961.

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 ..	209	2	Nil.	27
FACTORIES not included above in which Sec. 7 is enforced by Local Authority ..	307	12	Nil.	99
OTHER PREMISES in which Section 7 is enforced, but not including outworker's premises	23	6	Nil.	8
TOTAL ..	519	20	Nil.	134

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)	1	1	—	—
Ineffective Drainage of Floors (Section 6)	—	—	—	—
Insufficient Sanitary Conveniences S.7	4	4	—	—
Unsuitable or Defective Not Separate for Sexes	13	13	—	—
Other Offences	—	—	—	—
TOTAL	20	20	—	—

OUTWORK SECTIONS 110—111.

97

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, 1961, there were 15 retail purveyors of milk in the County Borough.

MILK LICENCES.

The following licences were issued during the year :—

To Produce Past. & T.T. Past. Milk	..	1
Dealers of Pasteurised Milk	.. .. .	14
Dealers of Sterilised Milk	.. .. .	6

Inspection of Dairies :—

During the year the Public Health Inspectors paid 270 visits of inspection to dairies and 7 notices 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 1961.

<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 ..	34	34	Nil.	Nil.
T.T. (Past.) ..	53	53	Nil.	Nil.
Sterilized ..	6	6	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.

SLAUGHTER-HOUSE AND MEAT INSPECTION.

Two hundred and seventy-six 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	.. ..	93
Bacteriological Examination of Water	.. ..	30
Bacteriological Examination of Ice-cream	.. ..	10
Bacteriological Examination of Suspect Foodstuffs		Nil.

WATER AND SEWAGE ANALYSIS.

During 1961, thirty-seven 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	17	1
	Chemical	9	1
Water other than from public water supply	Bacteriological	1	2
	Chemical	3	3

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 Plumbosolvency was made during the year. Follow-up sampling of the two unsatisfactory bacteriological and chemical 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.

Bacteriological samples were taken from the three baths during 1961 and all were reported satisfactory. In each bath the samples were taken from the shallow and deep ends and the centre, usually during a busy period in order to obtain a true reflection of the efficiency of the purification plant. Six chemical samples were taken during the year and all proved satisfactory.

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 1961, one thousand, three hundred and seventy visits were made to all premises registered under the Act, which includes Food Preparation Premises and various canteens.

CONDEMNATION OF FOODSTUFFS.

TINNED FOODS :

Apricots, 31 tins ; Apricot Jam, 6 tins ; Asparagus, 3 tins ; Baked Beans, 68 tins ; Beans and Sausage, 3 tins ; Blackberries, 2 tins ; Blackcurrants, 1 tin ; Brisket Beef, 18 lbs. ; Brislings, 3 tins ; Broad Beans, 7 tins ; Carrots, 6 tins ; Chopped Ham, 51 lbs. ; Chopped Pork, 267 lbs. ; Condensed Milk, 24 tins ; Corned Beef, 225 lbs. ; Crab, 3 tins ; Cream, 5 tins ; Custard Powder, 27 lbs. ; Evaporated Milk, 45 tins ; Fruit Puree, 1 tin ; Fruit Salad, 38 tins ; Gooseberries, 8 tins ; Grapefruit, 22 tins ; Grapefruit Juice, 18 tins ; Greengages, 1 tin ; Ham, 948 lbs. ; Ham & Tongue, 2 lbs. ; Hamburgers, 9 tins ; Jellied Veal, 206 lbs. ; Lancashire Hot Pot, 2 tins ; Lobster, 2 tins ; Luncheon Meat, 68 lbs. ; Lunch Tongues, 28 lbs. ; Marmalade, 20 lbs. (1 tin) ; Minced Beef Loaf, 11 tins ; Molasses, 1½ lbs. ; Oranges, 92 tins ; Orange Juice, 5 tins ; Ox Tongue, 76 lbs. ; Peas, 36 tins ; Pears, 147 tins ; Peaches, 176 tins ; Pilchards, 26 tins ; Pineapples, 78 tins ; Pineapple Cubes, 30 tins ; Pineapple Juice, 26 tins ; Plums, 33 tins ; Pork Tenderloin, 56 lbs. ; Prawns, 2 tins ; Pressed Ham, 4 lbs. ; Prunes, 2 tins ; Raspberries, 3 tins ; Ravioli, 3 tins ; Rhubarb, 1 tin ; Rice, 14 tins ; Salmon, 82 tins ; Sardines, 4 tins ; Shepherd's Pie, 1 tin ; Shrimps, 1 tin ; Soup, 42 tins ; Spaghetti, 4 tins ; Spam, 3 tins ; Sponge Pudding, 1 tin ; Steak & Kidney Pie, 13 tins ; Stew, 8 tins ; Stewed Steak, 35 tins ; Strawberries, 3 tins ; Stuffed Pork Roll, 2½ lbs. ; Syrup, 3 tins ; Tomatoes, 295 tins ; Tomato Juice, 9 tins ; Vegetable Salad, 3 tins.

BOTTLED AND PRESERVED FOODS.

Beetroot, 2 Jars ; Blackberries, 1 jar ; Chile Cloves, 24 lbs. ; Chutney, 1 jar ; Honey, 1 jar ; Olives, 12 jars ; Onions, 4 jars ; Orange Juice, 2 bottles ; Paste, 1 jar ; Pickled Cabbage, 1 jar ; Pickled Cucumber, 10½ lbs. ; Vinegar, 1 bottle, Wimberries, 1 jar.

PACKED FOODS.

Cake, 81 lbs.

FRUIT AND VEGETABLES :

Gourds, 10½ lbs. ; Oranges, 300 jaffas (4 crates) ; Potatoes, 2 cwts.

POULTRY, FISH & FROZEN FOODS :

Hens, 36½ lbs.

MEAT & OFFAL :

Beef, 230 lbs. ; Bovine Lungs & Spleens, 462 lbs. ; Bovine Tails, 8 lbs. ; Calves Fry, 23 lbs. ; Calves Heads, 56 lbs. ; Calves Hearts, 31 lbs. ; Lambs Heads, 330 lbs. ; Lambs Plucks, 335 lbs. ; Ox Kidney, 40 lbs. ; Pigs Plucks, 127 lbs. ; Pigs Trotters, 6 lbs. ; Skirts, 16 lbs. ; Sweetbreads, 12 lbs.

FOOD AND DRUGS ACTS.

FERTILIZERS AND FEEDINGSTUFFS 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) Milk ..	92	(h) Non-brewed Condiment	2
(b) Margarine ..	7	(i) Soft Drinks	5
(c) Lard ..	5	(j) Beer	18
(d) Icecream ..	6	(k) Baking Powder ..	1
(e) Cooking Fat ..	3	(l) Pork Sausage	3
(f) Butter ..	1	(m) Rum	1
(g) Vinegar ..	9	(n) Whisky	3

All were genuine with the exception of the Baking Powder, when the vendor was fined £5.

(2) INFORMAL SAMPLES :

<i>Commodity</i>	<i>Number Taken</i>	<i>Number Genuine</i>
Almond Marzipan	2	2
Baking Powder†	4	3
Beef Suet	1	1
Bicarbonate-of-Soda	3	3
Blancmange	12	12
Butter	1	1
Butter Beans	1	1
Cake Mixtures	5	5
Cinnamon	2	2
Coffee	1	1
Compound Fat	1	1
Cooking Fat	1	1
Cooking Oil	1	1
Cornflour	5	5
Cough Mixture	3	3
Cream	1	1
Curry Powder	2	2
Custard	13	13
Dessert Powder	4	4
Dried Onion	1	1
Fish Paste	1	1
Flour	1	1
Ginger	1	1
Golden Raising Powder	2	2
Gravy Powder	1	1
Ground Almonds	1	1
Halibut Oil Capsules*†	1	—

<i>Commodity</i>	<i>Number Taken</i>	<i>Number Genuine</i>
Harricot Beans	1	1
Headache Tablets	3	3
Health Salts	3	3
Jelly	10	10
Lard	3	3
Lentils	1	1
Lemon Pie	3	3
Macaroni	1	1
Margarine	6	6
Marmalade	1	1
Milk	57	57
Minced Chicken	1	1
Mixed Spice	1	1
Mustard	2	2
Non-Brewed Condiment	1	1
Nutmeg	2	2
Pancake Mix	1	1
Pearl Barley	1	1
Pepper	4	4
Pepper compound	1	1
Pickling Spice	1	1
Quick Flan	1	1
Rice	3	3
Sago	3	3
Salt	2	2
Sauces	3	3
Seasonings	3	3
Semolina	3	3
Soft Drinks	1	1
Soup	1	1
Soup Flavouring	1	1
Split Peas	1	1
Stuffings	2	2
Sugar	3	3
Syrup of Figs	1	1
Tapioca	3	3
Tea	6	6

† *Stock withdrawn.*

* *Sample below minimum requirement for Vit. A activity by 720 units per capsule.*

FERTILIZERS AND FEEDINGS STUFFS ACT, 1926.

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

	<i>Fertilizers</i>	<i>Feeding Stuffs</i>
(a) Number of Informal Samples taken	17	.. 18
(b) Number reported as being satisfactory	17	.. 18
(c) Number reported as being below the prescribed limit and to the prejudice of the purchaser	.. .. Nil.	.. Nil.

INSPECTION OF PLACES WHERE FOOD IS PREPARED AND SOLD.

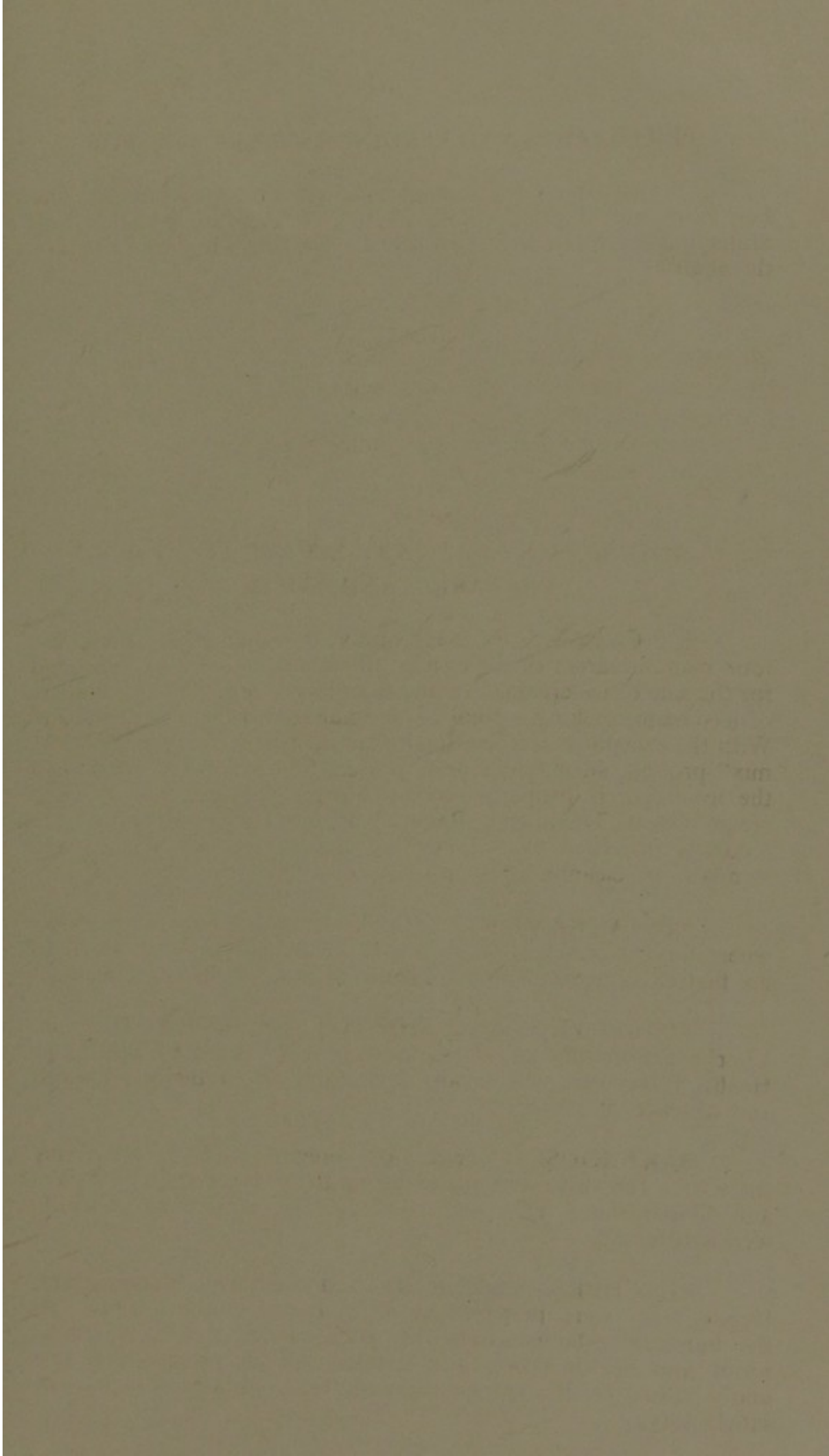
ICE-CREAM. In the County Borough Area, there are four manufacturers of ice-cream, all of whom are also registered for the sale of ice-cream. In addition, there are ninety-six retailers of ice-cream, making a total of one hundred dealers in ice-cream. With the exception of a few small manufacturers who 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 72 in the Borough, of which 18 are factory canteens, 38 school canteens and 2 colliery canteens.

FISH-FRYING AND CHIP POTATO SHOPS. There are 17 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. Twenty-one premises were in use during the year. 166 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 FEEDING STUFFS ACT, 1924.

In the following samples taken separately under the Fertilizer and Feeding Stuffs Act 1924, attention was paid to Salts and material with Fertilizers. The following are details of the analyses:-

	Fertilizer	Feeding Stuffs
(a) Number of Individual Samples taken	17	15
(b) Number reported as being satisfactory	12	11
(c) Number reported as being below the prescribed limit and to the prejudice of the purchaser	NIL	4

INSPECTION OF PLACES WHERE FOOD IS PREPARED AND SOLD.

ICE CREAM. In the County Borough Area, there are four manufacturers of ice-cream, all of whom are also registered for the sale of ice-cream. In addition, there are ninety-six vendors of ice-cream, making a total of one hundred vendors in ice-cream. With the exception of a few small manufacturers who use the "soft mix" process, all manufacturers possess fully equipped dairies and the ice-cream is properly prepared in accordance with the Ice-cream (Heat Treatment) Regulations, 1933. These dairies are regularly inspected by the Public Health Inspectors and a high standard of cleanliness is maintained.

RESTAURANT KITCHENS. In places licensed premises where food is prepared, there are 72 in the Borough, of which 14 are factory canteens, 38 school canteens and 2 canteen quarters.

FISH-FRYING AND CHIP POTATO SHOPS. There are 17 in the Borough, and these are regularly visited by the Public Health Inspectors, who report favourably as to their cleanliness and absence of nuisance.

BAKESHOPS. Twenty-one premises were inspected during the year. 166 loaves were made during the year, 1,000 loaves of rolls and 1,000 sandwiches, etc., were served. The conditions generally were satisfactory.

BUTCHERS. Small goods, including brawn, polonies, pies, haggis, etc., were prepared at 45 Butchers' establishments. At the Butchers' establishments the work carried out is a special room and electric power is available. All the premises are regularly visited by the Inspecting and the conditions found to be satisfactory.



