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County Borough of Merthyr Tydfil.

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**PUBLIC  
HEALTH  
AND  
SCHOOL MEDICAL  
SERVICES**

**1969**

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**R.M. WILLIAMS,  
M.B., Ch.B., D.P.H.**

**Medical Officer of Health  
Principal School Medical Officer**

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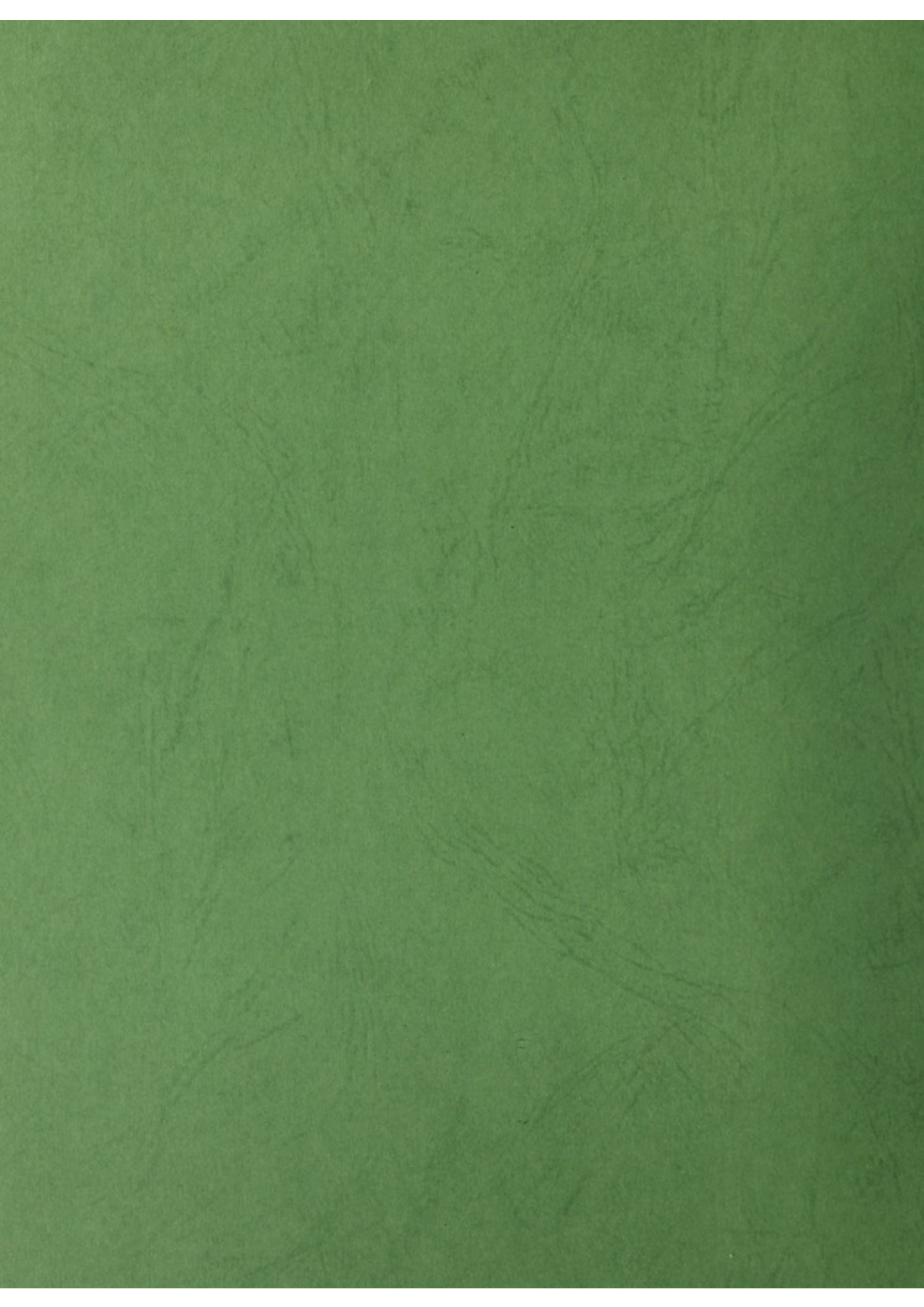


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ANNUAL REPORT 1969COUNTY BOROUGH OF MERTHYR TYDFILTO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE COUNTY BOROUGH OF MERTHYR TYDFIL

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present the Annual Report on the Public Health of the County Borough of Merthyr Tydfil for the year 1969 and also on the School Health Services.

The Live Birth Rate of 15.84 per thousand continues the trend downwards together with the Total Birth Rate of 16.15 per thousand. These compare with the National Rates of 16.3 per thousand and 16.1 per thousand being somewhat lower but reflecting the National Trend. The total population has shown an estimated small drop but this has accumulated to nearly 3,000 since the census in 1961. The Death Rate is at about the same level as last year but the Infant Mortality Rate has shown a substantial continuation of last year's upswing. The principal factor in the latter is the Perinatal Death Rate which nearly doubled and has been a major cause of concern to the Department. Difficulties arise of course when we are trying to draw conclusions from a total of thirty-six infant deaths together with seventeen still-births but a noteworthy feature is the high mortality of illegitimate births which stands out most markedly this year.

Amongst the general major causes of deaths, Malignant Neoplasms account for 16.77% of all deaths with Carcinoma of the Lung and Bronchus forming a high proportion of these. Ischematic Heart Disease is high with 36.4% and Cerebro Vascular Diseases, including "Strokes" account for 15.17%. The eighteen Accidental Deaths show a drop from last year's 25. Tuberculosis deaths totalled five, all being over 45 years, a drop, but other Chronic Chest Diseases show a small rise of 3 from 54 to 57.

The age at death seems to be changing, most deaths occurring in the 65 + group instead of the 75 + group. Except for the children under one year of age, all age groups up to 45 years show a slight fall while over 45 years they show a rise until 75 years of age. These trends are particularly apparent in males.

During the year further organisation and method studies have been carried out. The ambulance service structure has been finalised and agreed; four Shift Leaders being appointed with benefits, I think, both to men and management. The Ambulance Service is now controlled from a new aerial site at Eglwysilan with great advantages at the lower end of the Borough. Whether this will be sufficient remains to be seen as the compromise of a weaker signal in the Merthyr Town area is assessed.

The work of the clerical and administrative staff has been further investigated but here some reservations are held. As a result of transfer of some staff to other departments, working conditions for those remaining have improved, but I am not entirely happy at the results as the measurements taken could only assess work being done and not that not being done. Economies may be obtained in work carried out but provision for expansion into work at present impossible to tackle, is not allowed for.

Progress has been made this year in the Development of Health Centres. Dowlais Centre has started construction and the replacement for the Hollies Clinic in the Town Centre has received loan sanction. Relationships with General Practitioners are becoming closer. In fact the Hollies Clinic is now overcrowded as a result of one practice moving in there with us. At our temporary Dowlais Clinic also, we have provided facilities for a G.P. whose premises were substandard. The happy relationships between staffs of both sides auger well for the future Health Centres.

The Capital Programme has been revised again this year and will need further revision doubtless with the changing patterns of politics, economics and local circumstances. It can be said however that your policies of Health Centre provision are likely to expand as the possibilities of two further centres south of Merthyr Town harden into probabilities.

The Family Planning Association Clinics continue to be well attended and our thanks are due to the volunteers who work hard and often very late at night to provide this Service which is now weekly at the Hollies.

Health Education is now more formally provided for than in previous years. Gradually under our Health Education Officer, a store of equipment and material for this work is being built up and we hope in future our staff, particularly the Health Visitors and School Nurses, will be able to avail themselves of these facilities.

It is with regret that I had to report during the year, the resignation of Dr. Trace, the Deputy M.O.H. He had been appointed as Deputy M.O.H. to a London Borough and received your thanks for his services and the Departments best wishes at that time. Dr. Trace however had assisted greatly in many aspects of the work, particularly in assessing the needs of handicapped pupils and adults, and taken part in discussions at the Teaching Centre regarding the Health Education aspects of the educational field. With regard to the latter, he had also commenced providing talks for senior pupils in certain schools on a pilot basis.

Our provision for the needs of various groups of the population, i.e. infants, the mentally ill, geriatric, families with problems and problem families has continued to cause anxiety. Shortage of Health

Visiting Staff, and serious difficulties in recruiting trained staff or students still beset us. The situation has been somewhat alleviated by the appointment of three Community Nurses who work with the Health Visitors, relieving them of some of their less highly skilled duties. Check visits, infant screening and immunisation, for example. The nurses appointed were given an in-service course of lectures and demonstrations followed by an examination which all passed with credit. We are well satisfied with the role they play and hope to be able to recruit more in future so that each Health Visitor is able to benefit from an assistant.

On the environmental side, it is with concern I note that a modern hazard - noise - has caused considerable distress in one part of the Borough. This nuisance is a continuing problem which although it has been the subject of much activity during the year, has not yet been received. Let us hope that the causes of employment, efficient management and domestic amenity do not remain apart from much longer.

Our lack of a Gypsy Caravan Site is still a cause for anxiety, particularly because in the past we have seen a relatively high infant mortality amongst the caravan dwelling section of our population.

Attachment of nursing staff to family doctor practices is not yet possible owing to shortages and lack of facilities. However the Health Centre projects will give us at least the facilities and it is to be hoped that staff may follow. Notification of congenital defects apparent at birth progresses well and details of these received during the year are set out on page 35. Fluoridation of our water supplies in this area still has not taken place unfortunately, owing to the lack of agreement from other Authorities which share our supplies. Perhaps in a year or so I shall be able to report more favourably upon this matter.

I have the honour to be  
Mr. Mayor, Ladies and Gentlemen,  
Your obedient Servant,

R.M. WILLIAMS,

Medical Officer of Health  
Principal School Medical Officer.

WELFARE SERVICES COMMITTEE  
COUNTY BOROUGH OF MERTHYR TYDFIL

1959  
Chairman : Mrs. A. Evans  
Vice-Chairman : Mr. J. Jones  
The Mayor

WELFARE SERVICES COMMITTEE

The Deputy Mayor

Members : Mr. J. Jones

Members : Mr. J. Jones

HEALTH COMMITTEE

WELFARE SERVICES COMMITTEE

Chairman : Alderman J. Williams

Vice-Chairman : Alderman Mrs. A. Evans

PART I

COMMITTEES AND STAFF

Aldermen : D. J. Williams, G. M. Donovan,  
C. Stanfield, S. G. Roberts

Councillors : W. H. Jonathan, W. Bealy, A. J. Griffiths, R. Protheroe,  
J. Raddy, T. J. Mahoney, T. U. Lloyd, O. E. A. L. Jones,  
W. J. O'Neill, J. G. Davies, Mrs. G. Williams,  
B. Watkins, R. P. Richards, C. G. Jones, R. H. Williams,  
J. D. Hopkins, J. Handley, D. R. Tudor, M. McGinty J. P. B. M.,  
M. T. Breese, A. E. Gurney, Mrs. M. Shankland, D. Thomas

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman : Alderman D. J. Williams

Vice-Chairman : Councillor T. J. Mahoney

BLIND AND OTHER WELFARE SERVICES COMMITTEE

Chairman : Councillor T. M. Breese

Vice-Chairman : Councillor C. G. Jones

COUNTY BOROUGH OF MERTHYR TYDFIL  
1969

The Mayor:

Alderman A. John

The Deputy Mayor:

Councillor J. Reddy

HEALTH COMMITTEE

Chairman : Alderman J. Williams

Vice-Chairman : Alderman Mrs. A. Evans

The Whole Council, namely:

Aldermen: D.J. Williams, A. John, D.V. Williams, G.M. Donovan,  
C. Stanfield, S.G. Edwards.

Councillors: W.H. Jonathan, W. Healy, A.J. Griffiths, R. Protheroe,  
J. Reddy, T.J. Mahoney, T.J. Lloyd, O.B.E., A.L. Jones,  
W.J. O'Neill, J.G. Davies, B. Davies, Mrs. G.D. Lambert,  
B. Watkins, R.P. Pritchard, C.G. Jones, R.H. Williams,  
J.D. Hopkins, J. Handley, D.R. Tudor, M. McGinty J.P., B.E.M.,  
M.T. Breeze, A.E. Gurney, Mrs. M. Shankland, D. Thomas.

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman : Alderman D.J. Williams

Vice-Chairman : Councillor T.J. Mahoney

BLIND AND OTHER WELFARE SERVICES COMMITTEE

Chairman : Councillor T.M. Breeze

Vice-Chairman : Councillor C.G. Jones

WELFARE SERVICES COMMITTEE

Chairman : Alderman Mrs. A. Evans  
Vice-Chairman : Councillor R.H. Williams

MENTAL HEALTH COMMITTEE

Chairman : Councillor D. Thomas  
Vice-Chairman : Alderman C. Stanfield

CHILDRENS' COMMITTEE

Chairman : Alderman D.J. Williams  
Vice-Chairman : Alderman G.M. Donovan

EDUCATION COMMITTEE

Chairman : Alderman S.G. Edwards  
The Whole Council and four nominated Representatives

## MEDICAL STAFF

Medical Officer of Health, Principal School Medical Officer, Medical Officer under the Mental Health Acts:

R.M. Williams, M.B., B.Ch., D.P.H.

Deputy Medical Officer of Health:

T. Trace, M.B., Ch. B. (Resigned 31.12.68)

Assistant Medical Officers and School Medical Officers:

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

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

Part-time Consultant Ophthalmic Surgeon:

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

Part-time Ear, Nose and Throat Specialist:

S.H. Richards, F.R.C.S.

Part-time Paediatrician:

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

Part-time Psychiatrist:

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

Part-time Chest Physician:

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

Dental Officers:

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

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

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

L.E. Coles, B.Pharm., Ph.D., F.P.S., F.R.I.C.

## PUBLIC HEALTH INSPECTORATE

Chief Public Health Inspector and Food Inspector, Official Sampler and Inspector under the Fertilizers and Feeding Stuffs Acts, 1926.

Iorwerth Thomas (a.b.)

## Deputy Chief Public Health Inspector:

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

## Public Health Inspectors and Food Inspectors:

J.B. Jones, (a.b.)

D. Collins, (a.b.)

S. Davies, (a.b.j.)

R.P.K. Head, (a.b.)

C. Meredith, (k)

## Public Health Inspector (Health Education)

D.C.N. Davis, T.D., M.I.H.E., F.Ed. Teachers Certificate (a.j.)

## Rodent Officer:

G.A. Price

## Disinfection and Disinfestation Staff:

G.W. Foran

## Public Health Inspector Students:

W.J. Arnold

Alan Beynon

## NURSING STAFF

## Superintendent Nursing Officer and Superintendent School Nurse:

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

## Superintendent Health Visitor:

M.F. Davey

## Health Visitors and School Nurses:

D. Jenkins (c.d.e.), M. Jones (c.e.h.), C. Jones (c.d.g.),

A. Meredith (c.d.e.), S. Jones (c.e.h.), B.S. Evans (c.e.h.)

## School Nurses:

B. Killick (c), G. Sweet (c.f.), H. O'Donell (c.f.) G. Williams (c)

## Domiciliary Midwives:

K. Lovis (c.d.), A.E. Davies (c.d.), G.M. Warrior (d), M. Treharne (c.d.)



## District Nurses:

A.M. Clements (c.d.f.), J. Hughes, E.E. Thomas (c.f.g.),  
 B. Whitford Jones (c.f.g.), B.A. Thomas (c), M. Lloyd (c.d.) (Relief),  
 M. Weir (c.d.)

## Assistant District Nurses:

C. Powell (1) A. Meyrick (1) C. Davies (1) E.M. Davies (1) A.V. Pugh (1)

## Dental Technician:

L. Mytton

## Dental Attendants:

P. James, A. Harris

Home Help Organiser : Miriam Lewis. Assist. Home Help Organiser : B. Trace

## Community Nurses:

B. Davies (c), J.M. Thomas (c), J.B. Summers (c)

## WELFARE SERVICES

## Senior Welfare Officer:

W. Marsden Jones

## Senior Mental Welfare Officer:

F. Jennings, (m)

## Welfare Officers:

D.H. Cornwall, B.A.

## Mental Welfare Officer:

I. Protheroe, (m)

V. Lloyd (n)

N.P. Evans

## Pentrebach House Home for Aged Men:

Superintendent : J. Baldwin, R.M.N.

Staff: One Cook, Two Female Attendants, Four Male Attendants, One Boiler/  
 Handyman and Two General Domestic.

## Pant House Home for Aged Females:

Staff: Two Female Attendants, One General Domestic.

## Duffryn Taff Home for the Aged:

Superintendent: W.I. Dawkins

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

Gurnos Welfare Home:

Superintendent:

Staff: One Cook, Two Female Attendants, Four Male Attendants,  
One Cleaner/Attendant, Two Cleaners, One Boiler/Handyman.

Sandbrook House, Merthyr Tydfil:

(Residential accommodation under provisions of the Mental Health Act 1959).

Resident Staff: Two Housemothers, One Female Attendant,  
One Gardener/Handyman.

#### AMBULANCE SERVICE

Ambulance Officer:

J.A. Williams

Staff: Seventeen Drivers, One Mechanic.

#### PENTREBACH TRAINING CENTRE

Supervisor:

Mrs. B. Lawrence

Assistant Supervisors:

Mrs. O. Hayes, Mrs. D. Lashbrooke, Mrs. M. Tonge, Mrs. D. O'Driscoll,  
Mrs. J. Jones, Mr. M. Davies, Mrs. P. Hier, Miss M. Bann.

1 Kitchen Assistant, 1 Cleaner, 1 Caretaker.

#### CHILD GUIDANCE CLINIC

Psychologist:

Miss D.K. Wood, B.A., Dip Ed., Dip Ed Psych.

ADMINISTRATIVE AND CLERICAL STAFF

Chief Clerk:

J. McDonnell

Deputy Chief Clerk:

Mostyn James

Clerical Staff:

W.K. Jones, Vivien Jones, B. Brown, D. Broad, M.C. Powell, J. Baldwin,  
Lorraine Donnegan, J. Brill, P. Rowlands, M. Griffiths, R. Howells.

KEY:

a.	-	Public Health Inspector's Certificate of the Royal Society for the Promotion of Health and The Public Health Inspectors' Board.	750
b.	-	Meat and Other Foods Certificate of the Royal Society for the Promotion of Health.	635
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.	
k.	-	Diploma of the Public Health Inspector's Examination Board.	
l.	-	State Enrolled Nurse.	
m.	-	Award of Recognition for Experience by Council for training in Social Work.	
n.	-	Certificate in Social Work.	

STATISTICAL AND ADMINISTRATIVE

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 Food Certificates of the Royal Society for the Promotion of Health.
- c. - State Registered Nurses.
- 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 Examination Part I.
- i. - Smoke Inspector's Certificate of the Royal Society for the Promotion of Health.
- j. - Diploma of the Public Health Inspector's Examination Board.
- k. - State Enrolled Nurse.
- l. - Award of Recognition for Experience by Council for Training in Social Work.
- m. - Certificate in Social Work.

PART II

GENERAL AND COMPARATIVE STATISTICS

## VITAL STATISTICS - 1969

Area in Acres .....				17,760
Population (Census 1961) .....				59,039
Population (Registrar General Mid-year Estimate) .....				56,360
Density of population per acre (1961 Census) .....				3.3243
Number of separate dwellings on Rate Books .....				19,635
Rateable Value to March, 1970 .....			£1,444,493	
Average number of persons to each occupied house .....				2.882
Legitimate	Male 426 )	Total 832 )		
Live Births	Female 406 )		Total Live	
			Births	893
Illegitimate	Male 28 )	Total 61 )		
Live Births	Female 33 )			
Percentage of Illegitimate Live Births .....				6.83
Live Birth Rate per thousand population .....				15.84
*Corrected Live Birth Rate per thousand population .....				16.63
Stillbirths:	Male 8 )	Total Stillbirths		17
	Female 9 )			
Still Birth rate per thousand births .....				18.68
Total Births	Male 462 )	Total Births, Live & Still		910
	Female 448 )			
Total Birth Rate per thousand population .....				16.15
*Corrected Total Birth Rate per thousand population .....				16.96
Deaths	Male 448 )	Total Deaths		829
	Female 381 )			
Death Rate per thousand population .....				14.71
+Corrected Death Rate per thousand population .....				15.74
Total Infant Deaths .....				36
Infant Mortality Rate .....				40.31
Legitimate Infant Mortality Rate .....				38.46
Illegitimate Infant Mortality Rate .....				65.57
Neonatal Mortality Rate .....				24.64
Early Neonatal Mortality Rate .....				22.40
Perinatal Mortality Rate .....				40.66
Maternal Deaths .....				Nil
Maternal Mortality Rate .....				Nil
T.B. Death Rate (rate per million population) .....				88
Malignant Neoplasms Death Rate per thousand population .....				2.466

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

+Registrar General's Comparability Factor of 1.07 for Deaths

## POPULATION

The following table gives details of Census Population since 1801:

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

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

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

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

## BIRTHS

In 1969 a total of 910 births were registered of which 893 were live births. This represents a Total Birthrate for the County Borough of 16.15 per thousand population and a live Birth Rate of 15.84. The Live Birth Rate for England and Wales was 16.3 per thousand population.

The number of births is made up as follows:

LEGITIMATE				ILLEGITIMATE				TOTALS	
Livebirths		Stillbirths		Livebirths		Stillbirths		Male	Female
Male	Female	Male	Female	Male	Female	Male	Female		
426	406	8	7	28	33	-	2	462	448
832		15		61		2		910	
847				63					

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

Year	No. of Births	Rates per thousand population		Increase or decrease of Local Rate on National Rate
		County Borough of Merthyr Tydfil	England and Wales	
1959	988	16.66	16.5	-0.1
1960	987	16.66	17.1	-0.5
1961	964	16.39	17.4	-1.0
1962	1010	17.14	18.0	-0.8
1963	1060	18.06	18.2	-0.2
1964	1076	18.45	18.4	-
1965	1036	17.85	18.1	-0.3
1966	1018	17.29	17.7	-0.5
1967	935	16.35	17.2	-0.8
1968	946	16.68	16.9	-0.2
1969	893	15.84	16.3	-0.5
Aver. Annual Birth-rate 1959-1969		17.03	17.4	-0.4

### MARRIAGES

During 1969 499 marriages were registered in the County Borough of Merthyr Tydfil, which is a Married Person Rate of 17.7 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	No. of Marriages	Rates per thousand population	
		County Borough of Merthyr Tydfil	England and Wales
1958	488	16.5	15.1
1959	462	15.6	15.0
1960	420	14.2	15.0
1961	460	15.6	15.0
1962	440	14.9	14.9
1963	487	16.6	14.9
1964	433	14.9	15.1
1965	498	17.0	15.5
1966	436	15.1	16.0
1967	445	15.5	16.0
1968	514	17.9	16.8
1969	499	17.7	16.2



## DEATHS

During 1969 one thousand and seven deaths were registered in the County Borough, but 263 of these deaths were of non-residents. In addition 85 residents died outside the County Borough Area so that the total number of deaths of residents was 829. The Death Rate per thousand population for 1969 was, therefore, 14.71 whilst the rate for England and Wales was 11.9

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 1959.

Year	Number of Deaths	Rates per thousand population	
		County Borough of Merthyr Tydfil	England and Wales
1959	781	13.17	11.6
1960	841	14.18	11.5
1961	809	13.76	12.0
1962	826	14.01	11.9
1963	845	14.40	12.2
1964	772	13.24	11.3
1965	805	13.87	11.5
1966	809	14.02	11.7
1967	921	16.10	11.2
1968	811	14.30	11.8
1969	829	14.71	11.9

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

Age Group	NUMBER OF DEATHS			Percentage
	Males	Females	Totals	
Under 1 year	26	10	36	4.34
1 -4 years	2	3	5	0.60
5 -14 years	4	1	5	0.60
15-44 years	17	12	29	3.50
45-64 years	116	78	194	23.40
65-74 years	150	100	250	30.16
Over 75 years	133	177	310	37.40
All Ages	448	381	829	100.00

## CAUSES OF DEATH - MALES - 1969

CAUSE OF DEATH	Total	-1	1-	5-	15-	45-	65-	75+
Tuberculosis, Respiratory	2					1	1	
Other Tuberculosis	1							1
Malignant Neoplasms, Digestive Tract	24				1	6	7	10
do. Lung Bronchus	27					8	11	8
do. Other	19		1	1	1	2	8	6
Leukaemia	2					2		
Diabetes Mellitus	3					1	2	
Other Diseases of Blood	1							1
Avitaminoses and Other Endocrinal Disease	2			1	1			
Other Diseases of Nervous System	7	2	1	1	1		2	
Chronic Rheumatic Heart Disease	5					2	3	
Hypertensive Disease	19					11	2	6
Ischaemic Heart Disease	120				5	40	39	36
Other Heart Diseases	18					2	7	9
Cerebrovascular Disease	46				1	9	17	19
Other Circulatory Diseases	14					4	6	4
Influenza	4					1	1	2
Pneumonia	16	2				2	6	6
Bronchitis and Emphysema	47					14	23	10
Asthma	2				1	1		
Other Respiratory Diseases	20	2				5	8	5
Peptic Ulcer	3						2	1
Meningitis	1	1						
Intestinal Obstruction/Hernia	2	1				1		
Cirrhosis of Liver	1					1		
Other Digestive Diseases	3			1		1		1
Nephritis/Nephrosis	2					1		1
Hyperplasia of Prostrate	1						1	
Diseases of Genito Urinary System	5						3	2
Diseases of Musculo-skeletal System	1				1			
Congenital Anomalies	4	4						
Birth Injury etc.	7	7						
Other Perinatal Causes	3	3						
Symptoms and Ill-defined Conditions	4							4
Motor Vehicle Accidents	3					3		
All Other Accidents	7	4				2		1
Suicide and Self-inflicted Injuries	1					1		
All Other External Causes	1						1	
<b>TOTAL - MALES</b>	<b>448</b>	<b>26</b>	<b>2</b>	<b>4</b>	<b>17</b>	<b>116</b>	<b>150</b>	<b>133</b>

## CAUSES OF DEATH - FEMALES - 1969

CAUSE OF DEATH	Total	-1	1-	5-	15-	45-	65-	75+
Tuberculosis, Respiratory	1							1
Tuberculosis, Other	1						1	
Malignant Neoplasms, Digestive Tract	19					4	8	7
do. Lung Bronchus	5					2	1	2
do. Breast	16				2	8	4	2
do. Uterus	10				1	6	1	2
Other Malignant Neoplasms	15					6	2	7
Leukaemia	2				1	1		
Diabetes Mellitus	7					1	1	5
Avitaminoses	1						1	
Other Endocrine Diseases	1					1		
Anaemias	5					1	2	2
Benign and Unspecified Neoplasms	1					1		
Mental Disorders	3						1	2
Other Diseases of Nervous System	3		1			2		
Chronic Rheumatic Heart Disease	7				1	5		1
Hypertensive Disease	11					1	4	6
Ischaemic Heart Disease	94					13	34	47
Other Heart Disease	28				1	1	9	17
Cerebrovascular Disease	67				3	11	17	36
Other Circulatory Diseases	16					3	3	10
Pneumonia	17	2	1	1		1	2	10
Bronchitis/Emphysema	10					1	1	8
Other Respiratory Diseases	2					1		1
Peptic Ulcer	1						1	
Influenza	4					1	3	
Cirrhosis of Liver	5					2	1	2
Other Digestive Diseases	2							2
Nephritis/Nephrosis	1							1
Asthma	2						1	1
Other Genito-Urinary Diseases	4						2	2
Other Causes of Perinatal Mortality	3	3						
Congenital Anomalies	5	4	1					
Other Infective and Parasitic Diseases	2					1		1
Symptoms and Ill-defined Conditions	1							1
All Other Accidents	4	1				3		
Suicide and Self-inflicted Injuries	1							1
Motor Vehicle Accidents	4				3	1		
<b>TOTAL - FEMALES</b>	<b>381</b>	<b>10</b>	<b>3</b>	<b>1</b>	<b>12</b>	<b>78</b>	<b>100</b>	<b>177</b>

## FATAL ACCIDENTS, MOTOR VEHICLE ACCIDENTS AND SUICIDES

## Fatal Accidents:

Injuries as the result of accidental falls	4
Pneumonia accelerated by fractures sustained by accidental falls	2
Carbon monoxide poisoning (Accidental)	1
Accidental poisoning	2
Accidental suffocation	1
Accidental inhalation of vomit	1
<b>Total</b>	<b>11</b>

## Motor Vehicle Accidents:

Multiple injuries as a result of motor vehicle leaving road	1
Multiple injuries as a result of motor vehicle colliding with wall	2
Multiple injuries as the result of a motor vehicle accident	1
Multiple injuries as a result of a collision between two motor vehicles	1
Multiple injuries as a result of motor vehicle/railings collision	2
<b>Total</b>	<b>7</b>

## Suicides:

Asphyxia by drowning	1
Carbon monoxide poisoning self-administered whilst balance of mind was disturbed	1
<b>Total</b>	<b>2</b>

## ANALYSIS OF DEATHS FROM VARIOUS CAUSES

## (i) Heart Disease:

Males .....	162
Females .....	<u>140</u>
Total	<u>302</u>

Heart disease embraces the following classification of Causes of Death:

Chronic Rheumatic Heart Disease
Hypertensive Disease
Ischaemic Heart Disease
Other Heart Disease

This group was the largest cause of death being responsible for 36.4% of all deaths in 1969 as compared with 33.2% in 1968. It also represents a Death Rate of 5,358 per million. Last year it was 4,744.

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

	0-4	5-14	15-44	45-64	65-74	Over 75
Males	-	-	5	55	51	51
Females	-	-	2	20	47	71

## (ii) Malignant Neoplasms:

Males .....	72
Females .....	<u>67</u>
Total	<u>139</u>

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

Malignant Neoplasms, Digestive Tract
Malignant Neoplasms, Lung Bronchus
Malignant Neoplasms, Breast
Malignant Neoplasms, Uterus
Other Malignant Neoplasms
Leukaemia

Malignant Neoplasms were responsible for 16.77% of all deaths, as compared with 14.30% last year. It represents a Death Rate of 2,466 per million population. Last year it was 2928.

	0-4	5-14	15-44	45-64	65-74	Over 75
Males	1	1	2	18	26	24
Females	-	-	4	27	16	20

Two Cervical Cytology Sessions per week were started in 1967. The test was available initially to women attending the various clinics throughout the County Borough but in 1968 was extended to all female residents. In 1969, 478 women attended for examination.

## (iii) Tuberculosis (All Forms):

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

The Death Rate is 88.7 per million population, compared with 123 in 1968.

## (iv) Cerebrovascular Disease

Males .....	46
Females .....	<u>67</u>
Total	<u>113</u>

Cerebrovascular Disease was responsible for 13.63% of all deaths as compared with 15.17% in 1968. The Death Rate was 2005 per million population. In 1968 it was 2169.

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	9	17	19
Females	-	-	3	11	17	36

## (v) Congenital Anomalies, Birth Injury and other causes of Perinatal Mortality

Males .....	14
Females .....	<u>8</u>
Total	<u>22</u>

Congenital Anomalies, Birth Injury etc., were responsible for 2.65% of all deaths and the death rate was 390 per million population.

All Congenital Malformations are notified on the Birth Card and the Authority participates in the Welsh National School of Medicine Survey.

## (vi) Bronchitis and Emphysema

Males .....	47
Females .....	<u>10</u>
Total	<u>57</u>

These Diseases were responsible for 6.88% of all deaths compared with 6.66% in 1968. The Death Rate was 1011 per million population and 952 in 1968

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

	0-4	5-14	15-44	45-64	65-74	Over 75
Males	-	-	-	14	23	10
Females	-	-	-	1	1	8

## (vii) Pneumonia:

Males ..... 16

Females ..... 17

33

Pneumonia was responsible for 3.98% of all deaths compared with 7.77% in 1968. The Pneumonia Death Rate was 586 per million population. It was 1111 in 1968.

## INFANT MORTALITY

Year	No. of Infant Deaths	Infant Death Rate	
		Merthyr Tydfil	England and Wales
1958	30	30.70	22.6
1959	39	39.45	22.2
1960	34	34.35	21.9
1961	24	24.89	21.6
1962	32	31.68	21.6
1963	37	34.91	21.1
1964	32	29.74	20.0
1965	17	16.41	19.0
1966	32	31.43	19.0
1967	18	19.25	18.3
1968	24	25.37	18.3
1969	36	40.31	18.1

## MATERNAL MORTALITY

During 1969 no Maternal Deaths were recorded. The following table shows details of deaths due to or associated with Childbirth, Pregnancy and Abortion during the past ten years:

Year	Total No.	Puerperal Sepsis	From Other Causes	From Associated Causes	Rate per 1000 births
1958	1	-	-	1	0.98
1959	1	-	-	1	0.98
1960	2	-	-	2	1.97
1961	1	-	-	1	1.00
1962	2	-	-	2	1.94
1963	Nil	-	-	-	Nil
1964	Nil	-	-	-	Nil
1965	Nil	-	-	-	Nil
1966	1	-	-	-	0.96
1967	Nil	-	-	-	Nil
1968	Nil	-	-	-	Nil
1969	Nil	-	-	-	Nil

LOCATION OF CLINICS

iv. The Holmes Clinic, Albert Road, Trowbridge, Wiltshire. Has weekly Ante-natal and Infant Welfare Clinics and fortnightly Post-natal Clinics. Has daily Dental Clinics with Dentist in on premises. Serves the central area of the County through Trowbridge, Town, Park and Gylfartha Wards and southern portion of Trowbridge Ward. A portion of the premises is also used as a surgery by three General Practitioners.

v. The Holmes Clinic, Albert Road, Trowbridge, Wiltshire. Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. General Clinics are held at least once weekly. Serves the areas of Trowbridge, Mendham and Trowbridge. General Practitioners have shared the premises.

vi. Cambrie Clinic, Marlborough, Wiltshire. Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Serves the areas of Marlborough, Marlborough Vale and Mount Pleasant. A voluntary Play Centre shares the facilities on two days a week and a General Practitioner holds daily morning surgeries there.

PART III

MATERNITY

AND

CHILD WELFARE

Has weekly Ante-natal and Infant Welfare Clinics and fortnightly Post-natal Clinics. Has daily Dental Clinics with Dentist in on premises. Serves the central area of the County through Trowbridge, Town, Park and Gylfartha Wards and southern portion of Trowbridge Ward. A portion of the premises is also used as a surgery by three General Practitioners.

v. The Holmes Clinic, Albert Road, Trowbridge, Wiltshire. Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. General Clinics are held at least once weekly. Serves the areas of Trowbridge, Mendham and Trowbridge. General Practitioners have shared the premises.

vi. Cambrie Clinic, Marlborough, Wiltshire. Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Serves the areas of Marlborough, Marlborough Vale and Mount Pleasant. A voluntary Play Centre shares the facilities on two days a week and a General Practitioner holds daily morning surgeries there.



## LOCATION OF CLINICS

There are seven 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 fortnightly and weekly Infant Welfare Clinics with occasional school Clinics. Post-natal Clinics held as required.

Dowlais Clinic moved temporarily to the new housing development in Dowlais, pending the completion of the New Dowlais Health Centre in Mid 1970.

## ii. Gellideg Clinic, Swansea Road, Merthyr Tydfil.

Has weekly Infant Welfare Clinic. Serves the Gellideg and Swansea Road areas.

## iii. Gurnos Clinic, Gurnos Estate, Merthyr Tydfil.

Has fortnightly Ante-natal and weekly Infant Welfare Clinics with occasional Post-natal Clinics. Dental Clinics are held at least once weekly.

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

Has weekly Ante-natal and Infant Welfare Clinics and fortnightly Post-natal Clinics. Has daily Dental Clinics with Dentist in attendance and frequent Specialist and Family Planning Association Clinics. Serves the central area of the County Borough, that is, Town, Park and Cyfarthfa Wards and southern portion of Penydarren Ward. A portion of the premises is also used as a surgery by three General Practitioners.

## v. Glantaf Clinic, Troedyrhiw.

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

## vi. Canonbie Clinic, Aberfan.

Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Serves the areas of Aberfan, Merthyr Vale and Mount Pleasant. A voluntary Play Centre shares the facilities on two days a week and a General Practitioner holds daily morning surgeries there.

## vii. Treharris Clinic, Bargoed Terrace, Treharris.

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

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

## MATERNITY AND CHILD WELFARE

Ante-natal Clinics are held in most clinics - the frequency depending upon attendances which have fallen considerably in most areas because of the improved services now available at the local maternity units.

Expectant mothers are seen by Assistant Medical Officers who consult with the Hospital Consultant obstetrician regarding problems and the District Midwives are encouraged to bring their cases also to clinics for joint consultation where practicable.

The following tables show attendances at Ante-natal and Post-natal Clinics during 1969.

## Attendances at Ante-natal Clinics, 1969

No. of Clinics provided	No. of Medical Officer Sessions held during 1969	Number of Women in attendance	
		Ante-natal Examination	Post-natal Examination
6	213	252	98

## Ante-natal Mothercraft and Relaxation Classes

Number of Mothers who attended during year	(a) Institutional Booked	-
	(b) Domiciliary Booked	14
	(c) Total	14
Total number of attendances during year		33

The next 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. In addition eight specimens were submitted for Pregnancy Tests.

#### Ante-natal Blood Specimens - 1969

Examined for	Number
Rh. Factor .....	114
Wassermann Reaction .....	140
Haemoglobin .....	217

#### Attendances at Infant Welfare Clinics

Child Welfare Clinics with an Assistant Medical Officer in attendance are held at each of the Clinics in the County Borough once weekly and there were Two hundred and sixty four sessions during the year. The number of children under one year who attended a Clinic in 1969 was 867 and the total number of children under five who attended was 2283. The following table enumerates the attendances according to age-group:

Age Group	No. of Children attending during year
Under 1 year	867
1 year but under 2 years	777
2 years but under 5 years	639
Total	2283

#### Visits by Health Visitors 1969

There are 7 Health Visitors employed by the Local Health Authority. There are no specialist Health Visitors, all being responsible for visits to Mother 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 1969 are set out below:

Cases visited by Health Visitors	No. of Cases
Children born in 1969	908
Children born in 1968	716
Children born in 1964-1967	2217
Persons aged 65 or over	178
Mentally disordered persons	48
Persons discharged from hospital	15
Number of Tuberculosis households visited	29
Number of Households visited on account of infectious diseases	66

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 environment reports prior to discharge so that the Hospital Doctors may decide whether discharge from hospital will benefit the patient.

#### Midwifery.

Four Midwives are now employed in the Domiciliary Midwifery Service but as all possess cars now fitted with radio, we are confident that the staff is sufficient to provide an effective service throughout the County Borough Area.

During 1969 they attended one hundred and sixty domiciliary cases. All midwives are trained to use and provided with "ENTENOX" apparatus.

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.

#### Care of Premature Infants.

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

Notified from	Number	
	Live	Still
Hospital	45	10
Home	2	-
Private Nursing Home	-	-

#### PUERPERAL PYREXIA

No cases of Puerperal Pyrexia were notified during the year

#### OPHTHALMIA NEONATORUM

There were no cases of Ophthalmia Neonatorum during 1969.

CONGENITAL ABNORMALITIES

The Department participates in the Registrar General's Scheme for the Notification of Congenital Abnormalities and during 1969, 20 such notifications were made. Of these, 7 were stillbirths and of the remaining 13 live births, four died within seven days of birth. The following is classification of the Congenital Abnormalities of live births notified during the year:

Cause	Number
Atresia	3
Hydro/Anenocephalic	2
Deformity of Limbs	2
Angioma	1
Talipes	2
Spina Bifida	1
Hairlip and Cleft Palate	2

Cause	Number	
	Live	Still
Atresia	3	0
Hydro/Anenocephalic	2	0
Deformity of Limbs	2	0
Angioma	1	0
Talipes	2	0
Spina Bifida	1	0
Hairlip and Cleft Palate	2	0
<b>Total</b>	<b>13</b>	<b>0</b>

PREMATURE LIVE BIRTHS - 1969

	Born at home										Premature Stillbirths			
	Born in Hospital					Nursed entirely at home or in a nursing home					Transferred to hospital on or before 28th day		Born	
	Total births		Died			Total births		Died			Total births			Died
	within 24 hours of birth	in 1 and under 7 days	in 7 and under 28 days		within 24 hours of birth	in 1 and under 7 days	in 7 and under 28 days		within 24 hours of birth	in 1 and under 7 days	in 7 and under 28 days	in hospital	at home or in a nursing home	
2 lb.3 ozs. or less (1000 gms or less)	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Over 2 lb.3 ozs. up to and including 3 lb. 4 ozs. (1001-1500 gms)	5	3	1	-	-	-	-	-	-	-	-	5	-	-
Over 3 lb.4 ozs. up to and including 4 lb.6 ozs. (1501-2000 gms)	11	1	-	-	-	-	-	-	-	-	-	-	-	-
Over 4 lb.6 ozs. up to and including 4 lb.15 ozs. (2001-2250 gms)	14	-	-	-	-	-	-	-	-	-	-	3	-	-
Over 4 lb.15 ozs. up to and including 5 lb.8 ozs. (2251-2500 gms)	14	1	1	-	1	-	-	-	1	-	-	1	2	-
<b>TOTAL</b>	<b>45</b>	<b>6</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>-</b>

INFANT MORTALITY - 1969

Net Deaths under One year from Stated Causes

CAUSE OF DEATH	Under 24 hours		1 day to 1 week		1 week to 4 weeks		1 month to 3 months		3 months to 6 months		6 months to 12 months		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
All Causes	8	4	7	1	1	1	3	-	6	2	1	2	26	10
Premature Birth	3	2	-	-	-	-	-	-	-	-	-	-	3	2
Respiratory Infections	-	-	1	-	-	-	-	-	1	2	-	1	2	3
Respiratory Distress Syndrome	2	-	1	-	-	-	-	-	-	-	-	-	3	-
Accidental Death	-	-	-	-	-	-	2	-	1	-	-	1	3	1
Congenital Abnormalities	-	1	4	-	-	1	-	-	1	-	-	-	5	2
Acute Otitis Media	-	-	-	-	-	-	1	-	2	-	-	-	3	-
Hydrocephalus & Spina Bifida	-	1	-	-	-	-	-	-	1	-	-	-	1	1
Others	3	-	1	1	1	-	-	-	-	-	1	-	6	1
TOTALS	12	8	8	2	2	3	8	3	8	3	3	36		

## M. &amp; C.W. DENTAL REPORT 1969

There has been a decline in the number of mothers and infants seen and treated during the year. This cannot wholly be accounted for by staffing problems and illness, as every endeavour is always made to be present on the same days as the M. & C.W. clinics, so that those visiting may also call on the dental department for advice, examination and treatment if they so wish.

The department depends on the voluntary attendance of these patients, unlike the school service, where an active selection takes place. There is no doubt a change in the dental attitude today, as more children go to G.P.'s for treatment, it is conceivable that when they leave school, marry, and have children, that they wish to continue to have treatment with the dentist of their choice. There was a time when the expectant mother invariably came only to the clinic for dental treatment. Wherever they go, as long as they are receiving dental care, that is the main consideration. There has been a drop in the number of mothers attending the M. & C.W. clinics, as they do have the option and right to go to other services for attention.

It would be ideal if every mother and child could be advised to attend the dental clinic at first attendance at the M. & C.W. clinic so that they could at least be advised on what to do, irrespective of where they intended to go for treatment.

There is no doubt that the young mother nowadays is much more healthy and health-conscious, dentally and otherwise, and the infants are more healthy dentally too; one does not see the ravages of gross caries so much now. This is probably due to the effects of dental health propaganda on diet, hygiene and feeding methods, given by the dental and nursing staffs and by outside organisations. This is a good sign of the times.

Talks have been given to the nursing staff on dental matters and these have been appreciated, and the subject matter is being implemented and put to good effect. The departmental staff are always ready and available to give advice to mothers and nursing staff on dental matters.

A copy of the Annual Ministerial Return is appended herewith.

F.S. BAGULEY

Principal Dental Officer.



Part A Attendances and Treatment

<u>Number of Visits for Treatment During Year</u>	Children 0-4(incl)	Expectant and Nursing Mothers
First Visit	184	12
Subsequent Visits	82	11
Total Visits	256	23
Number of Additional Courses of Treatment other than the First Course commenced during Year	13	-
Treatment provided during the year - Number of Fillings	7	9
Teeth Filled	7	9
Teeth Extracted	251	14
General Anaesthetics given	194	8
Emergency Visits by Patients Teeth otherwise conserved	173	5
Patients Treated by Scaling and/or Removal of Stains from the teeth (Prophylaxis)	1	-
Number of Courses of Treatment Completed during the Year	10	1
	189	12

Part B Prosthetics

Patients Supplied with F.U. or F.L. (First Time)

Patients Supplied with Other Dentures

Numbers of Dentures Supplied

Part C Anaesthetics

General Anaesthetics Administered by Dental Officer

Part D Inspections

Number of Patients given First Inspections During Year

Number of Patients in A and D above who required Treatment

Number of Patients in B and E above who were Offered Treatment

Part E Sessions

For Treatment

32

For Dental Health Education

4

Children 0-4(incl)	Expectant and Nursing Mothers
175	
188	13
187	13
187	13

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.

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

Dowlais Clinic	...	Tuesday Afternoon
Gurnos Clinic	...	Thursday Afternoon
Merthyr Clinic	...	Wednesday Afternoon & Friday Afternoon
Gellideg Clinic	...	Wednesday Morning
Troedyrhiw Clinic	...	Monday Afternoon
Aberfan Clinic	...	Tuesday Morning
Treharris Clinic	...	Wednesday Morning

INFECTIOUS DISEASES

WARD DISTRIBUTION OF NOTIFICATIONS RECEIVED - 1969

	DOWLAIS	FRYFARBACH	FRANK	CYMRWISTA	TOWN	ELYNOUR	MERTHYR VALE	TREHARRIS	TOTAL
DIPHTHERIA									
SCARLET FEVER	4	4	1	2	2	1	1	1	14
DYSENTERY									
WHOOPING COUGH									
MEASLES	24	23	9	25	8	1	1	1	132
ROTHSCHILD									
HEPATITIS									
INFECTIONS AND OTHER DISEASES									17
AND DYSENTERY									
SOME SUBJECTS									
TOTAL									22

[Uncorrected Notification Totals stated]

PART IV	
THE	
INCIDENCE AND CONTROL	
OF	
INFECTIOUS AND OTHER DISEASES	
Number of Visits for Treatment During Year	
First Visit	
Subsequent Visits	
Total Visits	
Number of Additional Courses of Treatment other than the first Course commenced during year	
Examination provided during the year - Number of fillings	
Tooth Filled	
Tooth Extracted	
General Anesthetics given	
Emergency Visits by Patients	
Tooth otherwise conserved	
Patients Treated by Sealing and/or Removal of Carious Material (Pyrophylaxis)	
Number of Courses of Treatment Completed during Year	
Part B Prosthetics	
Patients Supplied with P.B. or F.L. (First Visit)	
Patients Supplied with Other Dentures	
Number of Dentures Supplied	
Part C Anesthetics	
General Anesthetics Administered by Dental Officer	
Part D Inspections	
Number of Patients given First Inspections During Year	
Number of Patients in A and B above who required treatment	
Number of Patients in B and C above who were offered treatment	
Part E Sensations	
For Treatment	

INFECTIOUS DISEASES

WARD DISTRIBUTION OF NOTIFICATIONS RECEIVED - 1969

DISEASE	Scarlet Fever	Diphtheria	Whooping Cough	Measles	Infective Hepatitis	Some Infect'n and Dysentery	Polio-myelitis	Salmonella Infections etc.	Ophthalmia Neonatorum	Gastro-Ent./Dysentery	Erysipelas	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Pneumonia	TOTAL
DOWLAI	4	-	-	24	-	-	-	-	-	1	-	2	-	-	31
PENYDARREN	1	-	-	13	-	-	-	-	-	-	-	1	-	-	15
PARK	-	-	-	9	4	-	-	-	-	-	-	-	1	-	14
CYFARTHFA	3	-	-	25	3	-	-	-	-	1	-	1	-	-	33
TOWN	2	-	-	6	5	-	-	-	-	17	-	1	-	-	31
PLYMOUTH	-	-	-	1	-	-	-	-	-	-	-	-	1	-	2
MERTHYR VALE	-	-	-	1	1	-	-	-	-	1	-	-	-	-	3
TREHARRIS	1	-	-	53	4	-	-	-	-	2	-	2	-	-	62
TOTAL	11	-	-	132	17	-	-	-	-	22	-	7	2	-	191

(Uncorrected Notification Totals stated)

## DIPHtheria-TETANUS-PERTUSSIS IMMUNISATION 1969

The following table gives the numbers of children in the various age groups who were immunised against Diphtheria-Tetanus-Pertussis up to the end of 1969

TYPE OF VACCINE	YEAR OF BIRTH					OTHERS UNDER 16 YEARS	TOTAL
	1969	1968	1967	1966	1962-65		
PRIMARY COURSE							
TRIPLE DTP.	253	434	42	11	1	-	741
DIPH/PERTUSSIS	-	-	-	-	-	-	-
DIPH/TETANUS	-	-	33	5	62	33	133
MEASLES	-	49	59	-	8	-	116
REINFORCING DOSES							
TRIPLE DTP.	-	1	-	-	1	-	2
DIPH/PERTUSSIS	-	-	-	-	6	-	6
DIPH/TETANUS	-	1	-	-	464	-	465
DIPHtheria	-	-	-	-	-	-	-

## DIPHTHERIA

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

During the year 1969 no notifications of Diphtheria were received.

## SCARLET FEVER

Number of cases for the year 1969	...	11
Number of Deaths	...	Nil

The eleven cases notified were nursed at home. The disease continued to be mild in type.

## MEASLES

Number of cases for the year 1969	...	132
Number of deaths	...	Nil

Vaccination against Measles continued to be offered to young children in 1969 and details are given in the table on page

## GASTRITIS, DIARRHOEA AND ENTERITIS

There were no deaths from Diarrhoea, Gastritis and Enteritis during the year. Twenty two cases of Gastro-enteritis and Dysentery were notified.

## CHICKEN POX

Chicken pox is not a notifiable disease, and we have no knowledge of the number of cases that occurred.

## SMALL-POX

No cases of Small Pox was notified during the year.

## INFECTIVE HEPATITIS

Infective Hepatitis became a notifiable disease in 1968 and during 1969 seventeen cases were notified.

## TUBERCULOSIS

In 1969 three males and two females died from Tuberculosis. This represents a Death Rate of 89 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	1	1
Females	-	-	-	-	1	1

The Health Visitors of the Local Authority carry out the duties of Tuberculosis Visitors and during 1969 they made visits to T.B. patients at their own homes. Much valuable co-operation is afforded by the Chest Clinic and the nurses are able to discuss specific cases with the Chest Physician's Medical and Nursing Staff. The District Nurses also participate in the treatment of T.B. patients at home who are either awaiting admission to Sanatoria or have been discharged therefrom.

## NOTIFICATIONS

Total number of Notifications:

Pulmonary	...	7
Non-Pulmonary	...	2

## DEATHS

Total number of Deaths 5

Pulmonary:	Males	2
	Females	1

Non-Pulmonary:

Males	1
Females	1

Death Rate (all forms) 88.7

## B.C.G. VACCINATION

During the 1962-1963 School Year the first comprehensive Tuberculin Testing and B.C.G. Vaccination Scheme was completed. It was mentioned in the 1962 report that the School Medical Services were inaugurating an Annual T.B.

Skin testing Scheme for consenting pupils with B.C.G. Vaccination on attaining thirteen years of age.

With the changes in the T.B. mortality rate and dwindling number of children found to be T.B. positive at 13 years, it has been decided to start reducing the age at which B.C.G. is given.

The following are details of the Skin Testing and B.C.G. Vaccination carried out during the school year 1969:

	School Children and Students	Contacts*
No. Skin tested	1005	160
No. found positive	302	84
No. found negative	703	76
No. vaccinated	698	55

\*The Contact Vaccination Scheme is undertaken by the Staff of the Chest Clinic.

This year 12 year old children received B.C.G. and it is hoped in future years to bring this down to eleven year olds only, so that the whole programme will be conducted in the Junior Schools.

#### ERYSIPELAS

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

#### BRONCHITIS AND EMPHYSEMA

Number of Deaths	57
Death Rate (Per Million Population)	101

Forty two of the deaths occurred amongst persons aged 65 years and over, and fifteen in the 45-64 years age group. There were 47 males and 10 were females.

#### WHOOPING-COUGH

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

#### PNEUMONIA

Number of Notifications received during the year	Nil
Number of Deaths from Pneumonia (all forms)	33
Pneumonia Death Rate (per Million Population)	586



## SEXUALLY TRANSMITTED DISEASES

The facilities for diagnosis and treatment for the above conditions are at St. Tydfil's Hospital.

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 thirty seven new cases attended for treatment of which one was syphilis, three were gonorrhoea and thirty three other conditions.

Patients who attended the Clinic for the first time during 1969 came from the following areas:

Merthyr Tydfil	14
Monmouthshire	8
Glamorganshire	10
Breconshire	5

## Syphilitic Diseases

Number of Deaths ... Nil

## SMALL POX VACCINATION

## Small Pox Vaccination 1969

Age Group	Primary Vaccination	Revaccination
Under 1 year	1	-
1 year	107	-
2-4	112	5
5-14	21	83
15 and over	-	-
<b>TOTAL</b>	<b>241</b>	<b>88</b>

In accordance with our programme infants are usually vaccinated after attaining eighteen months of age at parents request.

## HOME NURSING

The nurses operating this service continue to be hard worked. Over the years the increasing age of the population has changed the pattern of their work very greatly and there is considerably more long term nursing nowadays as a result perhaps of medical improvements.

The table below gives the number of cases attended by District Nurses during year.

Total number of persons nursed during year	1049
Number of persons under 5 years on first visit	14
Number of persons over 65 years on first visit	378

The new team arrangements are functioning well and the revision of equipment is continuing.

## HOME HELP SERVICE

During the year, home helps employed on a part-time basis, provided help in Five hundred and sixty six cases compared with Four hundred and thirty three last year.

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

Home Help Service - 1969

Number of Cases	HOME HELP TO HOUSEHOLD FOR PERSONS					TOTAL
	Aged 65 or over on First Visit	AGED UNDER 65 ON FIRST VISIT IN 1969				
		Chron. Sick & T'culosis	Mentally D'ordered	M'ternity	Other	
543	14	2	1	6	566	

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

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

College Students and Teaching Appointments	...	110
Omnibus Department	...	28
Fire Brigade	...	9
Town Hall & Education Department Candidates	...	46
Public Works Employees, etc.	...	53
Police Candidates	...	13
Superannuation	...	42
Miscellaneous	...	2
		<hr/>
	TOTAL	303
		<hr/>

All the above received an X-Ray examination.

In addition to the above Five hundred and fifty two persons from 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. 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 Chiropodist is also employed on a sessional basis at present in order to give treatment to aged persons in Local Authority Homes.

POLIOMYELITIS VACCINATION

Persons Treated by Local Authority

1.	Persons aged 65 and over	949
2.	Expectant mothers	-
3.	Children under 5	-
4.	Others	1
5.	Total	950

Number of Treatments by Local Authority

1.	In Clinics	-
2.	In patients' home	448
3.	In old peoples' homes	180
4.	In chiropodists' surgeries	1303
5.	Total	1931

LIAISON WITH HOSPITAL MANAGEMENT COMMITTEE

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

## POLIOMYELITIS VACCINATION

The following are details of Poliomyelitis vaccination carried out during 1969 as recorded in the annual return submitted to the Ministry:

Year of Birth	1969	1968	1967	1966	1962/1965	Others under 16 yrs	Total
Primary Course	262	459	73	20	141	37	992
Reinforcing Dose	-	2	1	-	474	89	566

## HEALTH EDUCATION

During 1969, the Health Education Section continued to be based on Gellideg Clinic where adequate space exists for the setting up of trial displays and the storage of equipment.

- 1 Bell and Howell Filmosound 16 mm Projector
- 2 35 mm automatic Slide Projectors with synchronising facilities
- 1 Daylight Viewing Back projection Screen
- 1 35 mm Single Lens Reflex Camera with supplementary lens and Electronic Flash Unit
- Marler-Hayley Display Stands and Units
- 2 Ferguson Tape Recorders
- 1 Overhead Projector
- 1 Paillard Bolex 16 mm Cine Camera

One Stop Smoking Course was held during 1969 in conjunction with the Seventh Day Adventist Church which offers these courses to Local Authorities as part of their community services, which was very successful and well attended.

Assistance was given to the Pentrebach Training Centre in the promotion of Mental Health Week in June. The explanatory leaflet was prepared and all necessary facilities given for the display of work and craft during Parents' and Open Days. The monthly film shows to the pupils of the Centre have also continued during the Winter months and are greatly appreciated by the pupils.

A Home Safety pamphlet and display was devised and produced during the year and posters on various themes in this large field of Health Education were displayed at various outlets: Clinics, Public Buildings, Libraries, Schools etc. Talks on Home Safety and Food Hygiene were given to senior girl forms at some County Secondary Schools. Both these subjects and certain other aspects of Environmental Health were included in talks to some courses at the College of Further Education.

Other activities included the preparation of special posters or the overprinting of existing ones for Food Hygiene, Family Planning Association and various sections of the Department. Two evening sessions were given to a local Division of the St. Johns Ambulance on the treatment of Roadside Casualties which featured the Royal College of General Practitioners Slides and Tape on this subject.

Year	Total Number of Journeys	Number of Patients carried	Total mileage covered
1950	10044	10044	91837.591
1951	12241	12241	91837.591
1952	14889	14889	99419.591
1953	15894	15894	102448.591
1954	18001	18001	105278.591
1955	24490	24490	139828.591
1956	25207	25207	143899.591
1957	24881	24881	137587.591
1958	24740	24740	130842.591
1959	23841	23841	127814.591
1960	23521	23521	131629.591
1961	23218	23218	122488.591
1962	23021	23021	118849.591
1963	23252	23252	118207.591
1964	23117	23117	115827.591
1965	25184	25184	144449.591
1966	26289	26289	151743
1967	26883	26883	144808
1968	27007	27007	151337
1969	26919	26919	152514

## AMBULANCE SERVICES

The Ambulance Service now has a three tier staff structure - Administration by an Administrative Officer; Day to day control at the garage by Shift Leaders; and the Drivers. This structure has many advantages and in lightening the chain of command it is hoped to give incentive and improved efficiency. The staff controls necessary to set up this structure have already had benefits by bringing to the attention of management some of the problems met in the field and which it is hoped can be solved.

The mileage, number of patients carried during the year have continued to rise and unless greater efficiency can be obtained, so will costs.

Ambulance Service : Mileage : Patients :  
Journeys, 1950-1969

Year	Total Number of journeys	Number of Patients carried	Total mileage covered
1950	5926	10044	91831
1951	5853	12541	91835
1952	6359	14899	99419
1953	6582	16694	104548
1954	6924	18001	109527
1955	7407	24490	119882
1956	7602	25207	117699
1957	7509	24681	121587
1958	7490	24740	120543
1959	7659	23841	127814
1960	7470	23621	121620
1961	7784	23218	122485
1962	7378	23021	118640
1963	7280	22353	118207
1964	7121	23117	115853
1965	7821	26184	114444
1966	7940	26269	119143
1967	7884	26843	114805
1968	8043	27007	121337
1969	7790	26919	115214

There are 33 Primary Schools in the Borough; 4 County Secondary Schools, 2 Secondary Grammar Schools; 1 Nursery School; 2 Comprehensive Secondary Schools; The average numbers of pupils on the registers on January 1969 were:

54.

FORM 7 SCHOOLS

1967

Next details of the patients per journey for the years 1950 to 1969 are given.

The average number of patients per journey has been maintained above three.

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

Patients Carried per Journey, 1950-1969

Year	Patients per Journey
1950	1,697
1951	2,143
1952	2,343
1953	2,536
1954	2,600
1955	3,307
1956	3,316
1957	3,287
1958	3,303
1959	3,112
1960	3,162
1961	3,000
1962	3,120
1963	3,070
1964	3,246
1965	3,348
1966	3,308
1967	3,410
1968	3,358
1969	3,456

The School Medical Service is now an integrated part of the child Health Service embracing this and the Infant Welfare Service. Continuity of follow up is ensured and duplication of records and other work avoided.

In time it is hoped that more preventive work can be done for example by encouraging pre-School medical exams, at 4 1/2 years.



AMBUANCE SERVICES

Next details of the patients per journey for the year 1950 to 1955 are given below and are given in the order of the year in which they were given and arranged in the order of the year in which they were given. The average number of patients per journey has been maintained under three of the years shown in the table. It is to be noted that the total number of patients per journey is not the same as the total number of patients per journey as the latter is essential.

Year : 1950-1955

Year : 1950-1955

Year	Total Patients	Average Patients per Journey
1950	1,897	1.897
1951	2,045	2.045
1952	2,236	2.236
1953	2,000	2.000
1954	2,307	2.307
1955	2,316	2.316
1956	2,387	2.387
1957	2,703	2.703
1958	2,712	2.712
1959	2,767	2.767
1960	2,800	2.800
1961	2,730	2.730
1962	2,700	2.700
1963	2,728	2.728
1964	2,749	2.749
1965	2,708	2.708
1966	2,740	2.740
1967	2,728	2.728
1968	2,728	2.728
1969	2,728	2.728
1970	2,728	2.728

PART V

SCHOOL MEDICAL SERVICES

There are 33 Primary Schools in the Borough; 4 County Secondary Schools. 2 Secondary Grammar Schools; 1 Nursery School; 2 Comprehensive Secondary Schools; The average numbers of pupils on the registers on January 1969 were:

FORM 7 SCHOOLS	...	...	...	10067
FORM 11 SCHOOLS	...	...	...	-
OTHERS	...	...	...	-
Total				10067

#### Medical Inspection:

The Defects noted at Medical Inspections by the School Medical Officers were as follows:

				Periodic	Special	Total
SKIN	...	...	...	57	24	81
EYES:	Vision	...	...	108	11	119
	Squint	...	...	27	5	32
	Other	...	...	63	6	69
EARS:	Hearing	...	...	27	10	37
	Otitis Media	...	...	35	-	35
	Other	...	...	8	5	13
NOSE & THROAT	...	...	...	98	99	197
SPEECH	...	...	...	22	2	24
LYMPHATIC GLANDS	...	...	...	3	-	3
HEART	...	...	...	31	6	37
LUNGS	...	...	...	46	8	54
DEVELOPMENT:	Hernia	...	...	6	-	6
	Other	...	...	59	-	59
ORTHOPAEDIC:	Posture	...	...	11	3	14
	Feet	...	...	23	9	32
	Other	...	...	34	3	37
NERVOUS SYSTEM:	Epilepsy	...	...	19	3	22
	Other	...	...	4	-	4
ABDOMEN	...	...	...	20	1	21
OTHER DEFECTS	...	...	...	60	58	118
PSYCHOLOGICAL	Development	...	...	13	1	14
	Stability	...	...	34	3	37

Vision testing is also carried out by school nurses at regular intervals during a child's school life, doubtful cases being referred to medical officers for review.

The School Medical Service is now an integrated part of the child Health Scheme embracing this and the Infant Welfare Service. Continuity of follow up is ensured and duplication of records and other work avoided.

In time it is hoped that more preventive work can be done for example by encouraging pre-School medical exams, at 4½ years.

The school nurses appointed last year have proved adaptable and successful in their new field of work. They relieve medical officers of certain routine tasks and follow up cases from the schools into the homes where necessary.

### MEDICAL TREATMENT

#### Uncleanliness

In the survey of schools for uncleanly conditions, the nurses made a total of 22515 examinations, and the number of children found unclean was 497. No legal proceedings were instituted during the year, but in some instances, Public Health Inspectors visited the homes with the School Nurses, and use was made of the Inspector of Cruelty to Children.

#### School Baths

The Municipal Baths in the Park, Dowlais and Treharris Wards are open every fore-noon for the use of school children.

#### Co-operation with Parents

The parents take an active interest in the school medical work. This is evidenced by the large number of appearances at the Clinics and at routine medical inspections at school.

Teachers, Attendance Officers and the Local  
Officer of the N.S.P.C.C.

The Teachers, Attendance Officers and N.S.P.C.C. Inspector have given their usual valuable services.

### REPORT ON THE OPHTHALMIC WORK FOR THE YEAR, 1969

Number of Refraction Cases	...	...	...	...	238
Number of children for whom glasses were prescribed	...	...	...	...	290*
External and other conditions excluding Refraction and Squint	...	...	...	...	41

\*This figure includes those known to have had glasses by prescription from other sources i.e. General Practitioner etc.

### CO-ORDINATION OF HEALTH SERVICES

The Principal School Medical Officer is also the Medical Officer of Health so that the necessary co-ordination exists between the School Medical and Public Health Services in general. The School Medical Officers also hold the appointments of Assistant Medical Officers and the School Nurses are under the supervision of the Superintendent Health Visitor.

PROVISION OF MEALS AND MILK TO SCHOOL CHILDREN  
DURING THE YEAR

Total amount received from Parents or Guardians ... ..	£43976.00
Total expenditure for provision of milk ... ..	£13840.00

SCOPE OF MEDICAL INSPECTION

Age Groups	No. of Pupils inspected	Physical condition of pupils inspected	
		Satisfactory No.	Unsatisfactory No.
1965 and later ...	31	31	-
1964 ...	683	602	1
1963 ...	20	20	-
1962 ...	-	-	-
1961 ...	-	-	-
1960 ...	-	-	-
1959 ...	3	3	-
1958 ...	24	23	1
1957 ...	6	6	-
1956 ...	-	-	-
1955 ...	52	52	-
1954 and earlier	737	737	-
Total	1556	1554	2

Other Inspections:

Number of Special Inspections ...	266
Number of Re-Inspections ...	172
Total ...	438

SCHOOL BUILDING MAINTENANCE

Repairs and maintenance were carried out at all schools in the County Borough. The total amount spent on clinics and school buildings, repairs and maintenance during the financial year ended 31st March, 1970 was £62324.

## DENTAL REPORT FOR THE YEAR 1969

There has been no change in the strength of the professional staff during the year, it is still below establishment. The position of the dental surgery assistants has been as difficult as in the previous year and for much the same reasons, i.e. maternity and associated sick leave for the other senior girl, and the consequent inability to return to work after that period for domestic reasons. This unfortunate set of happenings interfered with the training of the newly acquired recruit and disrupted the normal pattern of the administrative and professional work. Again for a while the Dental Officer was without a surgery assistant. The sooner a simple system is initiated to arrange for a temporary part-time surgery assistant, with suitably attractive conditions of pay and service, to be called upon in such situations, the better for the running of the dental service. There is no national arrangement for this, but the matter has been raised at local level, with no apparent results as yet. Another trained surgery assistant was eventually appointed, and the service is gradually beginning to recover. Even so illness and injury amongst the staff have had their effects.

Nearly all the schools including special ones were inspected during the year, and had it not been for the national teacher's strike action, and the instructions for the medical and dental departments not to visit schools to conduct inspections, all the schools would have been inspected by the end of the year. This unfortunate action (considering only the factual results, not the moral issues at stake) despite the assurances given by a national spokesman for the teachers that there would be no disturbance of anyone, did have that very effect on the department for one, as it depends wholly upon obtaining sufficient work, by inspecting and selecting pupils at school inspections usually to give a month's reserve of work during term time, and two month's during holiday time and to cover the period following the holidays when schools are settling back to work.

Consequently only four schools were inspected during the last month and there was insufficient work to fully occupy the staff, though administrative work could be done. It was necessary to 'scrape the bottom of the barrel' to find work, by sending for numbers of 'failed appointments' etc., to try to supplement the daily quota. It was quite a worrying time, as the children were not getting the proper dental attention. If the situation continues so, then the department will regretably come to a grinding halt, and only emergency cases will be seen as there will be no reserves. It is to be hoped that this will never happen, as it is the children and the department which will suffer. The department can take pride in the fact that it maintains good relations with the teaching staff, and will not do anything to aggravate the situation.

The usual epidemics and inclement weather had their effects on attendances at school inspections and clinics, there is no control over this. The staff did not fail during this period.

Repairs, maintenance and renovations at the Hollies clinic have caused some disturbance and disorganisation of the work, but when it is done, there should be some benefit.

The transferee position continues to be a vexed one, and the lack of transferred cards has delayed the inspection of one of the larger schools, because the documents have not been obtained from the previous authority. There should be a system, which could be quite easily and quickly operated, whereby the medical department (and consequently the dental one also) received a copy of the return of all transferred pupils, which is made regularly by the head teachers. This would be of enormous help to the department.

Co-operation was given in a national survey being undertaken to ascertain the foods being eaten by children in school, and what was being provided by school tuck-shops. This is a very controversial issue as it involves combined economical, health, political, social and recreational factors. Whilst many schools do sell items of food which do not cause tooth decay, there are some which do not sell any food at all, or sell food which is injurious to the teeth. The funds raised from these sources are mainly used on recreational equipment, at the expense of the child's dental health. It is a pity that other sources of money could not be made available for this purpose. Even so there is still the private trader who can sell these same sort of foods and there is no means of overcoming this except through education and a spot of applied psychology.

The Authority has agreed to partake in a dental health scheme arranged by a well-known dentifrice firm, which has agreed to supply at nominal cost, a dental hygiene pack and suitable dental health literature, for issue to 5 year old children on joining school.

The sooner the fluoridation of the water supply can be implemented the better for the children. Its beneficial effects have been well reported upon by those authorities which have it. It would be five years before the benefits could be seen.

The dental condition of the children is very gradually improving and the G.P's are continuing to provide treatment for about 10% of those inspected and found to require treatment, this accounts for the apparent difference between the numbers of those inspected and found to require treatment, and those offered treatment.

VII Number of dentures supplied

VIII Other operations

a. Root fillings

b. Inlays

c. Crowns

There has been an overall drop in the amount of work done in the year, but the factors helping to account for this have already been explained. It is hoped that there will be an improvement in the coming year, if the various situations resolve themselves.

On the administrative side, the P.D.O. attended a course on administration, the bi-annual conference of Welsh P.D.D's and a dental trade exhibition.

The receipt, summarising, and necessary recording of the important medical histories of pupils, from the various consultants, continues to be a major task on the administrative side, but the spasmodic flow of these important documents, sometimes duplicated, continues to present some problems.

Some difficulty is experienced in some schools of obtaining a suitably lit and sound-proofed room. Even in one recently constructed school with an M.I. room this presents quite a problem acoustically. It is a point which should be borne in mind by the designer in the future.

The economical pressures, despite political assurances to the contrary, are preventing the expansion and improvement of the equipment and surgeries, and the construction of new buildings. When the restrictions are relaxed, there will be an improvement in staffing and productivity also.

The Annual Return is attached herewith, modified somewhat now to copy the elaborate design of the Ministerial Return in all aspects except that an overall total is given under each heading instead of individual totals for the various age groups as well as an overall total.

Lectures have been given to the nursing staff on dental health and other subjects, and this is having its beneficial effects.

Good relationships continue to be maintained with the medical, teaching and nursing staffs.

It is to be hoped that next year will see a steady incline and an overall improvement.

F.S. BAGULEY

Principal Dental Officer.

## ANNUAL DENTAL REPORT FOR THE PERIOD 1969

A. DENTAL INSPECTIONS AND TREATMENT

I	Number of pupils	Number	Totals
	a. First inspected at school	6292 )	8190
	b. First inspected at clinic	1898 )	
	c. Re-inspected at school or clinic	697	
II	a. Number, I.a+b requiring treatment	5388	
	b. Number, I.c requiring treatment	440	
III	Number I.a+b offered treatment	4873	
IV	a. First visit for treatment (Original courses commenced)	3037 )	6011
	b. Subsequent visits for treatment	2974 )	
	c. Additional courses commenced	98	
	d. Courses of treatment completed	2575	

B. DENTAL WORK (other than orthodontics C. below)

I	a. Total attendances for all purposes	8009	
	b. Emergencies	1277	
II	Half-days devoted to		
	a. Inspection	37	
	b. Treatment	617	
	c. Health Education	9	
	d. Administration	40	
III	Fillings		
	a. Permanent teeth	1302	
	b. Temporary teeth	138	1440
IV	Number of teeth filled		
	a. Permanent	1300	
	b. Temporary	137	1437
V	Extractions		
	a. Permanent teeth	1040	
	b. Temporary teeth	2804	3844
VI	Admins. of general anaesthetics		
	a. by D.O.	2434	
	b. by M.O.	-	2434
VII	Number of dentures supplied	28	
VIII	Other operations		
	a. Root Fillings	2	
	b. Inlays	2	
	c. Crown	2	



## C. ORTHODONTICS

a. Cases commenced	14
b. Cases carried forward	27
c. Cases completed	29
d. Cases discontinued	3
e. Removable appliances	19
f. Fixed appliances	46
g. Referred to consultant	2

## ACCIDENTS TO SCHOOLCHILDREN

The following is a summary of the various types of accidents to schoolchildren which occurred during 1969. All accidents took place at school and do not, of course, include any which happened outside school hours. The particulars are derived from the accident report forms which are completed by the Headteacher concerned in each case.

During the year, one hundred and seventeen accidents were reported of which fifty nine involved girls and fifty eight boys. The first table shows the accident rate per thousand school population in the various types of school from 1957.

	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
All Schools	7.16	7.88	7.03	9.82	11.81	10.32	11.16	9.41	9.00	8.46	10.31	11.5
Prim.Schs.	3.69	3.13	5.23	6.96	6.07	5.09	5.69	5.48	4.70	4.92	4.85	6.6
Cnty.Sec.	19.90	21.51	13.88	14.56	19.17	22.40	23.15	13.79	8.85	16.91	26.1	*21.1
Gram.Schs.	11.12	4.24	6.48	14.12	21.28	14.25	15.93	17.61	16.70	9.47		

The next two tables indicate the types of accidents which occurred in the different classes of schools.

## ACCIDENT CLASSIFICATION - GIRLS

Type of Accident	Infnts.	Junior	Sec.	Total
Sprains and Muscle Injuries	1	2	6	9
Fractures of Limbs	1	3	9	13
Cuts and Lacerations	1	2	5	8
Dog Bite	-	-	1	1
Abrasions	3	4	4	11
Concussion	1	2	3	6
Burns and Scalds	-	-	2	2
Dislocations	-	2	7	9
<b>TOTAL</b>	<b>7</b>	<b>15</b>	<b>37</b>	<b>59</b>

\*With the establishment of Comprehensive Schools these rates will be merged in future.

## ACCIDENT CLASSIFICATION - BOYS

Type of Accident	Infts.	Junior	Sec.	Total
Sprains & Muscle Injuries	-	5	4	9
Fractures of Limbs, etc.	1	1	6	8
Concussion	-	-	2	2
Cuts and Lacerations	2	7	12	21
Abrasions	2	2	5	9
Dislocations	1	3	5	9
Dog Bite	-	-	-	-
<b>TOTAL</b>	<b>6</b>	<b>18</b>	<b>34</b>	<b>58</b>

The next two tables show the type of accident by sex, classified according to the type of activity engaged upon when it occurred. The sub-heading "Play and Meal Intervals" includes the mid-day lunch break but applicable only to school-children remaining at school during that period. I have no records of course of accidents which took place outside school premises

## ACTIVITY CLASSIFICATION - GIRLS

Type of Accident	Lesson Periods	Organised Games or P.E.	Play or Meal Intervals	Total
Sprains & Muscle Injuries	2	6	1	9
Fractures of Limbs	-	7	6	13
Cuts and Lacerations	2	3	3	8
Dog Bite	-	-	1	1
Abrasions	3	3	5	11
Concussion	1	2	3	6
Burns and Scalds	2	-	-	2
Dislocations	2	5	2	9
<b>TOTAL</b>	<b>12</b>	<b>26</b>	<b>21</b>	<b>59</b>

## ACTIVITY CLASSIFICATION - BOYS

Type of Accident	Lesson Periods	Organised Games or P.T.	Play or Meal Intervals	Total
Sprain & Muscle Injuries	1	4	4	9
Fractures of Limbs, etc.	-	5	3	8
Concussion	-	-	2	2
Cuts and Lacerations	10	4	7	21
Dislocation	-	5	4	9
Abrasions	2	2	5	9
Dog Bite	-	-	-	-
TOTAL	13	20	25	58

And finally a table showing the manner in which the accidents were treated. Those that remained in school were treated by a member of the staff and almost without exception, those receiving hospital treatment were admitted to the Casualty Department at St. Tydfil's Hospital.

Disposal	Boys	Girls
Sent home after treatment in school	6	5
Treated by School Medical Officer	2	2
Attended by own Doctor	3	5
Sent to Hospital	45	40
Remained at School	2	7
TOTAL	58	59

## 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. Now screening of both boys and girls is done at 11 years, i.e. before the child enters Secondary School.

## DEFECTIVE HEARING

The policy decided on in 1960 has been continued.

- (a) Ascertainment of all babies if possible, in the Infant Welfare Clinics.
- (b) Retesting on school entrance and at other intervals by school nurses.
- (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.

Two children were issued with a hearing aid during 1969, making a total of 18 children of whom the Authority has records and are classified as partially deaf.

## DOWLAIS NURSERY SCHOOL

STAFF: One Nursery School Superintendent; One Nursery Nurse; One Nursery Helper; One Cook.

MEDICAL EXAMINATIONS: Eleven routine visits were paid to the school during the year. Each child is examined at each visit. The parents are notified beforehand, and asked to attend. Most of them do so, and when unable to come, often ask a grandmother or aunt instead.

The School is now situated at Gellifaelog having moved from its original site which has been included in the new Dowlais Development Area.

ACTIVITY CLASSIFICATION - BOYS

COLOUR VISION SCREENING

Latest	no year	Secondary	Primary	Inspected in 1950
12	7	5	5	12
9	4	5	5	9
6	2	5	5	6

PART VI

CHIEF PUBLIC HEALTH

INSPECTOR'S REPORT

Two children were issued with a hearing aid during 1957, making a total of 16 children of whom the Authority has records, and are classified as partially deaf.

Medical Examinations	Staff	Parents
11	1	1
11	1	1

The school is now situated at Gifford having moved from its original site which has been included in the new Dowals Development Area.

## SANITARY INSPECTIONS OF THE AREA

Of the Notices served 192 were Statutory and 392 Informals

## Repairs carried out or nuisances abated:

1.	Number of houses repaired or made fit.	78
2.	Provided with vertical damp courses.	4
3.	Roofs repaired.	55
4.	Floors repaired, ventilated, etc.	14
5.	Internal plasterings to walls and ceilings.	40
6.	Windows repaired and made to open etc.	42
7.	Sash cords renewed.	5
8.	Food stores repaired etc.	-
9.	Stairs and staircases repaired.	3
10.	Skirting boards provided or repaired.	14
11.	Doors repaired, rehung or renewed.	28
12.	Firegrates repaired, reset or renewed.	6
13.	Chimney stacks repaired.	12
14.	Water service pipes repaired, renewed or provided.	5
15.	New sinks provided or fitted.	-
16.	External walls repaired, cemented or rebuilt.	24
17.	Ovens repaired or renewed.	1
18.	Eaves gutters and rainwater pipes repaired or renewed.	40
19.	Dangerous walls repaired.	7
20.	Yards and passages repaired and paved.	2
21.	Obstructed drains cleansed.	87
22.	Yard gullies provided.	2
23.	Drains repaired or reconstructed.	18
24.	Inspection chamber covers renewed.	3
25.	W.C. pans renewed.	15
26.	W.C. cisterns repaired or renewed.	21
27.	Soil pipes or ventilating shafts renewed or repaired.	-
28.	Closet structures repaired or reconstructed.	28
29.	Animals improperly kept.	18
30.	Smoke nuisances.	27
31.	Accumulations.	99
32.	Conversion of Closets to water closets.	64
33.	Dustbins provided.	-
34.	Coal stores provided, repaired etc.	-

TOTAL

TOTAL MALES

TOTAL FEMALES

## INSPECTIONS

Inspections made during the year.

Housing Advances	371
Housing	1629
Council Houses	477
Mechanical Factories	134
Non-mechanical Factories	41
Bakehouses	95
Workplaces	49
Food Preparation Premises	485
Canteens	114
Fish Fryers	94
Inns, Public Houses, etc.	166
Milk and Dairies Regulations	63
Slaughterhouses and Meat Depots	124
Offensive Trades	4
Food Hawkers	46
Houses-Let-in Lodgings	2
Common Lodging Houses	37
Infectious Diseases Investigated	156
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Complaints received	1100
Notices Issued	584
Clothing/Premises disinfected	54
Premises disinfested	340
Disinfestation on removal to Council houses	262
Length of drain tested (in feet)	7578

## OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

## Shops Act 1950

In connection with this Act and the Young Persons (Employment) Act 1938, 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.

The Offices, Shops and Railway Premises Act, came into force on 1st August, 1964. It is designed specifically to control environmental conditions in offices and shops and afford statutory standards for health, safety and welfare in such places of employment.

	No. of prems Reg. during Year	Total No. of Reg. Premises	No. of Reg. Prems receiving Gen. Inspection during the year
Offices	5	145	134
Retail Shops	9	332	107
Wholesale Shops	2	18	6
Catering Establishments	1	43	21
Fuel Storage Depots	-	-	-
<b>TOTAL</b>	<b>17</b>	<b>538</b>	<b>168</b>

Number of visits by Inspectors to Registered Premises	677
Number of Notices served	41
Number of Contraventions of the Act	211

## Class of Workplace                      No. of persons employed

Offices	801
Retail Shops	1567
Wholesale Shops	162
Catering Establishments	182
Canteens	-
Fuel Storage Depots	-
<b>TOTAL</b>	<b>2712</b>
<b>TOTAL MALES</b>	<b>1076</b>
<b>TOTAL FEMALES</b>	<b>1636</b>



**Pharmacy and Poisons Act:**

Forty-seven premises are registered for the sale of Poisons listed in Part II of the Pharmacy and Poisons Act, 1933. 52 visits of inspection were made during the year and in all cases the Act was properly observed.

**Refreshment Houses Act, 1870**

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

**Heating Appliances (Fireguards) Act**

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

**COMMON LODGING HOUSES**

There is now only one common lodging-house in the County Borough and it was visited thirty seven times during the year. 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.

**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**

Twenty one notices to repair or replace W.C. cisterns and fifteen notices to renew W.C. pans were served during the year. One hundred and ten notices were issued to repair dilapidated, defective and choked drains.

## PROCEEDINGS 1969

The following are details of the legal proceedings brought by the Public Health Inspectors during the year. In addition to these there were ten summons heard under Sections 39, 45 and 93 of the Public Health Act 1936 regarding defective dwelling houses and five under Section 268 regarding caravan nuisances:

20 Mar. 1969	H.D. & Co.	Sec. 2, Food and Drugs Act 1955	Fined £10 plus 5 gns costs
20 May 1969	B. & Co. Ltd.	Sec. 2, Food and Drugs Act 1955	Fined £10
20 May 1969	G.F.F. Ltd.	Sec. 2, Food and Drugs Act 1955	Fined £10 plus 5 gns costs
23 Sep. 1969	E.M.	Preservatives in Foods Regs. 1962	Fined £10 plus 10 gns costs
23 Sep. 1969	H. & Sons Ltd.	Sec. 2, Food and Drugs Act 1955	Fined £15 plus 10 gns costs
14 Oct. 1969	H. & Sons Ltd.	Sec. 2, Food and Drugs Act 1955	Fined £25 plus 10 gns costs
27 Nov. 1969	W.C. Ltd.	Sec. 8, Food and Drugs Act 1955	Fined £10

## 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

Roads 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	...	...	Nil
Number of Certificates granted	...	...	Nil
Number of Certificates cancelled	...	...	Nil
Number of Undertakings submitted and accepted	...	...	Nil

## 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 62 conversions were carried out at various places within the Borough at a cost of £1,180 fifty per cent of which is recoverable from the owners of these properties.

## HOUSE PURCHASE ADVANCES

The Council commenced House Purchase Advances in May, 1962, and during the financial year 1969, the total amount of money advanced for the approved applications was £80,595. Applications are dealt with initially by the Borough Treasurer's Department and each house is valued by an independent Valuer. A Public Health Inspector inspects the house and a list of the defects found is incorporated in the loan agreement so that the mortgagee can arrange for these to be remedied in the time specified. All applications are considered by an Officers Sub-committee which meets at frequent intervals and this Sub-committee reports its decisions to a Council Committee. The properties are reinspected after the specified time has elapsed in order to ensure that the repairs clause of the agreement has been complied with.

## 1969 IMPROVEMENT GRANTS

During the year, 55 applications for Improvement Grants were referred to the Department for observation. Each property was inspected, resulting in all applications being approved. At the end of the year 32 schemes had been completed, 31 were withdrawn. The approved grants for this year amounted to £9,316.

## HOUSING PROGRESS - 1969

Total number of dwellings in the County Borough	19635
Number of privately owned dwellings	14174
Number of houses owned by the Local Authority	
Pre 1939	1301
Post 1945	4160
	<hr/>
TOTAL	5461
	<hr/>

Number of dwellings built during year ended 31st March 1970 by Council. 59

## 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 - Willows Glynderrus, Merthyr Tydfil.
- Station No. 2 - College of Further Education, Ynysfach, Merthyr Tydfil.
- Station No. 3 - Treharris Public Works Yard.

The following are summaries of the readings for the year ending March 1970 taken from the returns submitted to the Warren Spring Laboratory of the Department of Industry and Science.

Gauge	Deposited Matter (mgs per square metre)			Lead Dioxide Estimation		
	Summer	Winter	Year	Summer	Winter	Year
College of Further Education	43	76	60	0.30	0.70	0.50
The Willows, Abercanaid	46	44	45	Beta Activity Analysis undertaken instead of Lead Dioxide Estimation		
Treharris Public Works Yard	65	97	81	0.40	0.70	0.50

The Average Standard for Deposited Matter recommended for various types of areas by the Fuel Research Station is as follows:

- Rural Areas - 50 mg. per square metre or less
- City/Urban Areas - 250-500 mg. per square metre
- Heavy Industrial Areas - 500 mg. per square metre or more.

The results for the gauges in this County Borough would indicate that the deposited matter is only fractionally more than that you would expect to find in a rural area. The Beta Activity Analysis for the Willows Gauge gave a Summer average of 29.65, Winter 24.60 and yearly of 27.20 pico-curies per litre.

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 a low volatile content, indeed domestic coal supplied in the district contains 12-15% volatiles. Nevertheless, a Bye-law 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.

#### MEAT DEPOTS AND MEAT INSPECTION

One hundred and twenty four visits were made for the purpose of meat inspection by the Public Health Inspectors. There are no Poultry processing premises in the County Borough.

## SLAUGHTER OF ANIMALS ACT, 1954

Eleven 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	...	...	...	...	28
Bacteriological Examination of Water	...	...	...	...	6
Bacteriological Examination of Ice-cream	...	...	...	...	5
Bacteriological Examination of Suspect Foodstuffs	...	...	...	...	3

Grade of Milk	Number Tested	Failed Meth Blue Test	Failed Phos. Test	Numbers Passed
Pasteurised	17	Nil	Nil	17
C.I. (Past.)	5	Nil	Nil	5
Sterilized	6	Nil	Nil	6

## WATER AND SEWAGE ANALYSIS

During 1969 samples of water and sewage were taken for either bacteriological or chemical analysis.

Sample	Examination	Satisfactory	Unsatisfactory
Water from public water supply )	Bacteriological	5	-
	Chemical	7	-
Water other than from public water supply )	Bacteriological	-	1
	Chemical	4	4

There are approximately ten dwellings out of a total of over 19500 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 standpipes in the County Borough Area. No report of Plumbosolvency was made during the year.

Thirteen samples of sewage from sewage treatment plants were taken for chemical analysis.

## PUBLIC SWIMMING BATHS

The Local Authority owns one indoor, two outdoor public baths and one Paddling Pool. All baths 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.

One chemical and four bacteriological samples were reported satisfactory during the year.

## 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 on 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	402
Number of parlour-type shops	151
Number of large and lock-up shops	251
Sub-division by main trades or commodities:	
Ice-cream vendors	102
Butchers	51
Small Goods Manufacturers etc.	32
Restaurants and Cafes	24
Fried Fish Shops	15
Wet Fish Shops	10
Greengrocers	37
Bakers and Confectioners	35

During 1969 one thousand and forty eight were made to all premises registered under the Act, which includes Food Preparation Premises and various canteens.

## CONDEMNATION OF FOODSTUFFS

### Tinned Foods

Apricots 74 tins; Asparagus 5 tins; Apple Pack 13 lbs; Apple Pie 15 tins; Babyfood 2 tins; Baked Beans 37 tins; Beans and Sausage 37 tins; Beef 16 lbs; Beef Loaf  $\frac{3}{4}$  lb; Blackberries 17 tins; Brisket Beef 68 lbs; Butter Beans 1 tin; Carrots 2 tins; Cherries 9 tins; Chopped Ham 86 lbs; Chopped Ham and Pork 42 lbs; Chopped Pork 65 lbs; Cooked Ham 494 $\frac{3}{8}$  lbs; Corned Beef 157 $\frac{5}{8}$  lbs; Cream 11 tins; Creamed Rice 4 tins; Curry Rice 13 tins; Curry Sauce 2 tins; Evaporated Milk 531 tins; Fruit Salad 184 tins; Grapefruit 243 tins; Grapefruit Juice 6 tins; Hamburgers 11 tins; Ham and Pork 1 lbs; Ham and Chicken Roll 5 ozs; Ham Roll with Egg 1 $\frac{1}{2}$  lbs; Jellied Veal 45 lbs; Junior Ready Meals 3 tins; Lamb Roll with Egg 1 lb; Lambs Tongue 2 $\frac{3}{4}$  lbs; Loganberries 3 tins; Lunch Tongue 4 lbs; Luncheon Meats 2 lbs; Macaroni 6 tins; Meat Balls 7 tins; Minced Beef 1 $\frac{3}{4}$  lbs; Minced Steak 4 lbs; Mushrooms 16 tins; Oranges 13 tins; Orange Juice 46 tins; Ox Tongue 73 $\frac{1}{2}$  lbs; Peaches 189 tins; Pears 115 tins; Peas 183 tins; Pie Filling 16 tins; Pilchards 18 tins; Pineapples 256 tins; Pineapple Juice 11 tins; Plums 5 tins; Pork Roll  $\frac{1}{2}$  lb; Pork Tenderloin 126 lbs; Pork Luncheon Meat 46 $\frac{3}{16}$  lbs; Pork Shoulder 49 lbs; Potatoes 2 tins; Potato Salad 4 tins; Prawns 12 tins; Preserves 1 tin; Prunes 6 tins; Pudding 3 tins; Ravioli 6 tins; Ready Meals 7 tins; Salmon 234 tins; Sardines 97 tins; Sausage 3 lbs; Snack Meals 7 tins; Soup 238 lbs; Spaghetti 3 tins; Sponge Pudding 18 tins; Steak and Kidney 9 tins; Stewed Steak 36 tins; Stew 2 tins; Strawberries 52 tins; Stuffed Pork Roll 4 lbs; Tomatoes 426 tins; Tomato Juice 48 tins; Tuna 3 tins; Tongue 46 lbs; Vegetables 3 tins.

### Bottled and Preserved Foods

Honey 6 jars; Juniper Pills 2 doz. Mincemeat 6 lbs; Salad Cream 1 bottle.

### Fruit and Vegetables

Apples 960 lbs; Bananas 728 lbs; Cucumbers 28; Potatoes 224 lbs;

### Packed Foods, Poultry, Fish and Frozen Foods

Apricots and Gooseberry Promise 36 pkts; Baby Foods 204 lbs; Bacon 12 lbs; Beef 4 lbs; Biscuits 15 cases - 48 pkts per case; Biscuits 25 cases - 16 pkts per case; Biscuits 23 cases - 72 pkts; Biscuits 6,314 $\frac{1}{4}$  lbs; Blancmange 19 $\frac{1}{2}$  cases - 24 pkts per case; Broad Beans 14 pkts; Bubble Gum 28 boxes; Butter 82 $\frac{1}{2}$  lbs; Cake 28 slabs; Cakes (mixed) 9 $\frac{1}{2}$  cases; Cake Mixture 1,132 $\frac{1}{2}$  lbs; Cauliflower 11 pkts; Cereal 1,446 lbs; Cheese 24 boxes; Cheese 1,008 lbs; Cheese Spread 1 case - pkts per case; Chips 2 pkts; Chicken 208 $\frac{1}{4}$  lbs; Chicken Pies 4 small pkts; Chicken and Ham Pie 5 small pkts; Chipitto 4 boxes; Chocolate 75 boxes and 402 lbs; Chop Suey 1 box; Coffee 24 lbs; Coldrex 2 boxes; Croquettes 2 pkts; Custard Powder 2 cases; Dried Fruit 1,313 lbs; Easter Eggs 5 boxes; Eclairs 1 box; Energen Rolls 8 cases; Fat 138 lbs;



Faggots 14 pkts; Fish 165½ lbs; Fish Cakes 2½ lbs; Fish Fingers 1½ lbs; Flour 2,144 lbs; Ice cream Sandwiches 13; Jellies 4 cases - 12 pkts per case; Lamb 3 pkts; Lentils 72 lbs; Mallows 1 case - 24 cases; Margarine 312 lbs; Mixed Vegetables 2 pkts; Milk of Magnesia Tablets 14 boxes; Mould Mix 5 cases - 12 per case; Oats 25 lbs; Pastry 4 cases; Peas 10 pkts; Peas 644 lbs; Peas (dried) 24 pkts; Pie Filling 4 cases - 24 per case; Porridge 238½ lbs; Potato (Instant) 528 lbs; Potato Stick Nibbets 48 pkts; Pudding 2 cases - 12 per case; Potato Fries ¾ lb; Prawns 10 lbs; Ready Dinners 24; Rennies 50 pkts; Rice 687 lbs; Sausage 11½ lbs; Shepherds Pie 4 small pkts; Sliced Beans 15 pkts; Split peas 72 lbs; Soup 11 cans; Sprouts 3½ lbs; Sponges 15; Strawberries 33 pkts; Sweets 90 boxes; 43 lbs; and 4 cases; Sugar 510 lbs; T.C.P. Pastilles 13 boxes; Tea 3½ lbs and 4 cases; Toffees; Turkey 12 lb; 14 boxes; Vegetables 4 ozs; Weetabix 11 boxes; Whip 8 cases - 12 per case.

#### Meat and Offal

Beef 264½ lbs; Chicken 3½ lbs; Lamb 8 lbs; Pork Loins 73 lbs.

FOOD AND DRUGS ACTS

FERTILIZERS AND FEEDING STUFFS ACT

The following details of samples submitted under the above Acts have been supplied by the Public Analyst for the County Borough of Merthyr Tydfil, L.E. Coles, Esq., B.Pharm., Ph.D., F.P.S., F.R.I.C.

FOOD AND DRUGS ACT

1. Formal Samples

Beer	10	Milk	38
Brandy	2	Mixed Herbs	1
Butter	8	Lemon Drink	1
Coffee and Chicory Essence	1	Lemon Barley Drink	1
Cooking Oil	1	Oil	1
Currants	2	Orange Drink	1
Dessicated Coconut	1	Pearl Barley	1
Dried Fruit	1	Sultanas	2
Fat	2	Sausage	7
Frankfurters	1	Tea	2
Ginger Cordial	1	Vegetable Oil Shortening	1
Ice Cream	7	Vinegar	2
Lard	4	Vodka	1
Margarine	5	Whisky	2
Marmalade	1		

2. Informal Samples

<u>Commodity</u>	<u>Number Taken</u>
Almond Flavouring	1
Apricots	1
Baby Food	2
Beef Curry with Rice	1
Beef Stock Tablets	2
Beef Suet	1

<u>Commodity</u>	<u>Number Taken</u>
Bi-Carbonate of Soda	3
Blackcurrant Drink	1
Blancmange Powder	1
Butter	2
Chicken in Jelly	3
Cheese	4
Cheese Spread	3
Chopped Ham with Pork	2
Confectionery	2
Cockles	1
Coconut	2
Condensed Milk	1
Conserve	1
Corned Beef	1
Cornflour	1
Curried Beans with Sultanas	1
Curry	1
Cream	3
Dried Fruit	1
<u>DRUGS</u>	
Amincaproic Acid	1
Analgesic Tablets	1
Aspirins (children)	1
Betnelan Tablets	1
Bisacodyl Dulcolax	1
Bronchial Mixture	1
Calciferol Tablets	1
Cascara Sagrada Tablets B.P.	1
Chlorodyne	1
Cod Liver Oil	1

<u>Commodity</u>	<u>Number Taken</u>	<u>Number Taken</u>	<u>Commodity</u>
Digoxin Tablets	1	2	Jelly Spread
Doloxene Capsules	1	1	Lemon Curd
Dolagin Tablets	4	1	Lemon Drink
Epsikapron	2	1	Lentils
Ferrograd	2	1	Liver
Honey Cough Mixture	2	1	Macearoni Pudding
Lemon Glycerine	1	1	Margarine
Mycil Dusting Powder	2	1	Marmalade
Evaporated Milk	2	1	Martigan
Flour	1	3	Meat Beverage
Flour (Confectionery)	1	1	Milk (canned)
Frankfurters	25	1	Milk
Fruit Dessert	1	1	Mince-meat
Fruit Pudding	1	1	Mint Jelly
Ginger Ale	1	1	Mustard
Glace Angelic	1	1	Mushrooms
Glace Cherries	1	1	Mustard Pickle
Golden Raising Powder	1	1	Non-Brewed Condiment
Gravy Browning	1	4	Oil
Ground Almonds	2	1	Orange
Groundnut Oil	1	1	Parsley
Ground Ginger	1	1	Parsley Sauce Mix
Herring Roes	4	1	Paste (Fish)
Honey (Substitute)	1	1	Paste (Meat)
Horseradish Cream	1	1	Peanut Butter
Instant Mashed Potato	1	1	Pearl Barley
Instant Milk	4	3	Peel
Iced Lolly	1	1	Pepper
Jam	1	4	Piccaililli
Jelly	1	1	Pickled Onions

<u>Commodity</u>	<u>Number Taken</u>	<u>Number Taken</u>	<u>Commodity</u>
Jelly Spread	1	1	Dioxin Tablets
Lemon Curd	1	1	Doloxene Capsules
Lemon Drink	4	4	Dolapin Tablets
Lentils	2	2	Ephedrine
Liver	2	2	Ferrogel
Macaroni Pudding	2	2	Honey Cough Mixture
Margarine	1	1	Lamon Glycyrine
Marmalade	2	2	Mylol Dyeing Powder
Marzipan	2	2	Evaporated Milk
Meat Beverage	1	1	Flour
Milk (canned)	1	1	Flour (Contractors)
Milk	29	29	Frankfurter
Mincemeat	1	1	Fruit Dessert
Mint Jelly	1	1	Fruit Pudding
Mustard	1	1	Ginger Ale
Mushrooms	1	1	Glaxo Ampicil
Mustard Pickle	1	1	Glaxo Cherries
Non-Brewed Condiment	1	1	Golden Raisin Powder
Oil	1	1	Gravy Browning
Orange	3	3	Ground Almonds
Parsley	1	1	Groundnut Oil
Parsley Sauce Mix	1	1	Ground Ginger
Paste (Fish)	4	4	Herring Bones
Paste (Meat)	1	1	Honey (Substitute)
Peanut Butter	1	1	Horseshoe Cream
Pearl Barley	1	1	Instant Mashed Potatoes
Peel	4	4	Instant Milk
Pepper	1	1	Lead Jelly
Piccalilli	1	1	Jam
Pickled Onions	1	1	Jelly

<u>Commodity</u>	<u>Number Taken</u>
Pilchards in Tomato	2
Potato Salad	1
Preserve	1
Quick Jel	1
Rice	1
Sultanas	1
Sandwich Spread	1
Sardines	1
Sausage	8
Sausage Rolls	1
Sauce	4
Savouries with chicken	1
Soft Drink	1
Soup (dehydrated)	1
Sponge Mixture	1
Spread	6
Smoked Brisling in Olive Oil	1
Stewed Steak	1
Strawberries in Syrup	1
Sugar	3
Tea	3
Tea Mixture	1
Tomato Chutney	1
Tomatoes	1
Tonic Water	2
Vinegar	6
Yeast Extract	1
Yoghurt	2
Yorkshire Pudding and Pancake	1

All the above informal samples were reported genuine

## FERTILIZERS AND FEEDING STUFFS ACT, 1926

Of the thirty seven samples taken informally under the Fertilizers and Feeding Stuffs Act, 1926, sixteen were Feeding Stuffs and twenty one were Fertilizers. The following are details of the analysis:

	Fertilizers	Feeding Stuffs
(a) Number of Informal Samples taken	21	16
(b) Number reported as being satisfactory	21	16
(c) Number reported as being above the prescribed limit but not to the prejudice of the purchaser	Nil	Nil

INSPECTION OF PLACES WHERE FOOD IS  
PREPARED AND SOLD

**ICE-CREAM.** In the County Borough Area, there are six manufacturers of ice-cream, all of whom are also registered for the sale of ice-cream. In addition there are one hundred and two retailers of ice-cream, making a total of one hundred and eight dealers of 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 73 in the Borough, of which 18 are factory canteens, 38 school canteens and 2 colliery canteens.

**FISH-FRYING AND CHIP POTATO SHOPS.** There are 15 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.** Twelve premises were in use during the year. 95 visits were made during the year; notices of repairs etc., were served. The conditions generally were satisfactory.

**BUTCHERS.** Small goods including, brawn, polonies, pies, faggots, etc., were prepared at 32 butchers' establishments. At the butchers' establishments the work is 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.

**LIQUID EGG PASTEURISATION PLANTS.** There are no Liquid Egg Pasteurisation Plants in the district.

## PREVENTION OF DAMAGE BY PESTS ACT 1949

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

All complaints received from the occupiers of premises were investigated and treatment carried out where necessary. Again the usual routine visits were carried out at all known 'black spots' throughout the Borough and where infestation was discovered they were dealt with accordingly.

The details of all work carried out by the Rodent Control Staff is as follows:

### 1. TREATMENT OF SEWERS

#### Maintenance Treatment No. 41

Dates of treatment	- 17th June to 30th August 1969
Number of manholes baited	- 974
Bait and Poison used	- Warfarin and Paranitrophenol

### 2. REFUSE TIPS

The usual monthly routine visits and inspections were carried out on all refuse tips throughout the Borough and where infestations were found they were dealt with accordingly.

### 3. GENERAL

#### Rats

No rat resistance to Warfarin was noticed or brought to our notice by operatives, but the fact that we had been using Warfarin for the previous 19-20 years and the number of complaints was on the increase caused us to switch to Racumin 57 during the past 2 years.

#### Mice

Mice resistance to both Warfarin and Racumin 57 came to our notice in two areas of the Borough during this year. 12 dozen mouse traps were purchased and the method of trapping and mass trapping introduced in these areas. This method proved quite successful, but a very slow way of ridding premises of mice, as this meant extra daily visits to premises to bait and set the traps.



During the latter part of the year, 4 packets of alpha-chloralose were bought and tried out at two premises - this proved quite successful with the result that this authority are now using alpha-chloralose for all mouse complaints during the current year.

#### 4. SURFACE DISINFESTATIONS

The following table shows the work carried out during the year:

##### RODENT CONTROL

	TYPE OF PROPERTY	
	NON-AGRICULTURAL	AGRICULTURAL
1. No. of properties in District	23290	48
2. (a) Notification	1024	-
2. (b) (i) Rats	143	-
(ii) Mice	130	-
3. (a) Routine	594	89
3. (b) (i) Rats	85	1
(ii) Mice	30	-

DEFECTS FOUND

Particulars	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred by H.M. Inspector (4)	
(1)	(2)	(3)	(4)	(5)
Want of Cleanliness (Section 1)	4	4	-	-
Overcrowding (Section 2)	-	-	-	-
Unreasonable Temperature (Section 3)	2	2	-	-
Inadequate Ventilation (Section 4)	-	-	-	-
Ineffective Drainage of Floors (Section 6)	2	2	-	-
Insufficient Sanitary Conveniences S.7 Unsuitable or Defective	2	2	-	-
Not separate for Sexes	-	-	-	-
Other Offences	1	1	-	-
<b>TOTAL</b>	<b>11</b>	<b>11</b>	<b>-</b>	<b>-</b>

INSPECTIONS MADE BY PUBLIC HEALTH INSPECTOR - 1928  
 INSPECTIONS FOR BREACHES OF REGULATIONS AS TO HEALTH INCLUDING

FACTORIES ACT, 1937 and 1948

INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH, INCLUDING  
INSPECTIONS MADE BY PUBLIC HEALTH INSPECTORS - 1969.

Premises (1)	Number of			Number on Register
	Inspections (2)	Written Notice (3)	Occupiers Prosecuted (4)	
FACTORIES in which Secs. 1, 2, 3, 4 & 6 are enforced by Local Authority	134	1	Nil	31
FACTORIES not included above in which Sec. 7 is enforced by Local Authority	95	2	Nil	96
OTHER PREMISES in which Section 7 is enforced, but not including outworker's premises	49	2	Nil	5
<b>TOTAL</b>	<b>278</b>	<b>5</b>	<b>Nil</b>	<b>132</b>

OUTWORK SECTIONS 110-111

Nature of Work (1)	No. of Outworkers	Instances (2)	Notices Served (3)	Prosecutions (4)
WEARING APPAREL: Making, etc. Carding etc., of Buttons, etc.	6 27	Nil Nil	Nil Nil	Nil Nil
TOTAL	33	Nil	Nil	Nil

FACTORIES ACT, 1937 and 1948

INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH, INCLUDING INSPECTIONS MADE BY PUBLIC HEALTH INSPECTORS - 1969.

Premises (1)	number of			Occupiers Prosecuted (4)	Number on Register
	Inspections (2)	Written Notices (3)			
LOZNYT FACTORIES in which Secs. 1, 2, 3, 4 & 6 are enforced by Local Authority	33	174	MTT 1	MTT M.L.	MTT 31
CENTRAL etc. of BUREAUVER which FACTORIES not included above which Sections enforced by Local Authority	51	95	MTT 2	MTT M.L.	MTT
OTHERS (which Section 15 enforced, but not including outworkers' premises)	6	90	MTT	MTT M.L.	MTT 5
TOTAL	90	259	(3) 179	(3) 266	(4) 36

ОУПМОБК ЗЕЦЛЮМЗ 110-111



