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Neath Rural District Council

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**ANNUAL  
REPORT**

For 1948.



Medical Officer of Health





Neath Rural District Council

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# ANNUAL REPORT

For 1948.



Medical Officer of Health

North Rural District Council

ANNUAL  
REPORT

For 1948

Medical Officer of Health

## Neath Rural District Council

<p style="text-align: center;"><i>Chairman</i> <i>Vice-Chairman</i></p> <p>Councillor ALLEN, T. G.          .. ARTHUR, DAVID.          .. BARNARD, S.          .. DAVIES, A. M.          .. DAVIES, D.          .. DAVIES, GWYN.          .. DAVIES, JOHN.          .. DAVIES, MARY, E.          .. DAVIES, WM.</p>	<p style="text-align: center;"><i>Councillor</i></p> <p>EVANS, J. T., J.P.          .. FROST, T. G.          .. GEORGE, J. S., J.P.          .. GEARY, R., J.P.          .. HULL, DAVID.          .. JONES, AMY, J.P.          .. JONES, BLODWEN, J.P.          .. JONES, DAN.          .. JONES, EDITH.</p>	<p style="text-align: center;"><i>Councillor</i> <i>Councillor</i></p> <p>ATEYO, E. J.          JAMES, JOHN.          JONES, GEO., J.P.          JONES, WM., J.P.          LUNN, J. J.          REES, T.          SMITH, R. M., J.P.          THOMAS, ALUN.          THOMAS, GETHIN.          VOWLES, A.          WILLIAMS, IW</p>
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### PUBLIC HEALTH COMMITTEE.

<i>Chairman</i> .....	Councillor J. J. LUNN.
<i>Vice-Chairman</i> .....	Councillor A. M. DAVIES.

### MATERNITY AND CHILD WELFARE COMMITTEE.

<i>Chairman</i> .....	Mrs. EDITH JONES.
<i>Vice-Chairman</i> .....	Mrs. BLODWEN JONES, J.P.

All members of the Council and the following Co-opted Members:—

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Mrs. COUSINS.	Mrs. GEARY.	Mrs. H. J. HOOPER.
Mrs. C. HOPKINS.	Mrs. R. PRICE.	Mrs. J. S. WILLIAMS.
Mrs. E. ALPIN.	Mrs. JAMES.	Mrs. LUNN.
	Mrs. M. WEAVER.	

### HOUSING COMMITTEE.

<i>Chairman</i> .....	Councillor WILLIAM JONES, J.P.
<i>Vice-Chairman</i> .....	Councillor R. GEARY, J.P.

### WATER COMMITTEE.

<i>Chairman</i> .....	Councillor JOHN JAMES.
<i>Vice-Chairman</i> .....	Councillor T. REES.

## Public Health Officers

#### *Medical Officer of Health :*

J. GRIFFITHS, O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond. & Eng.).

#### *Medical Officer for Maternity and Child Welfare Centres :*

J. GRIFFITHS, O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond. & Eng.).

#### *Obstetric and Gynaecological Consultant :*

J. LLOYD DAVIES, M.D. (Lond.), M.R.C.P. (Lond.), F.R.C.S. (Edin.), D.P.H. (Lond. & Eng.)

#### *Obstetric and Gynaecological Consultant :*

A. F. SLADDEN.

#### *Senior Sanitary Inspector :*

C. G. STANFORD, C.R.S.I. & S.I.E.J.B., R.S.I. Meat Cert.

#### *District Sanitary Inspectors :*

T. HOWELL BEVAN, C.R.S.I. & S.I.E.J.B., R.S.I. Meat Cert.

F. W. MILES, C.R.S.I. & S.I.E.J.B., R.S.I. Meat Cert.

#### *Senior Health Visitor :*

G. H. JAMES, Registered State Nurse, C.M.B. Cert., H.V. Cert. (R.S.I.)

#### *Health Visitors :*

O. LEWIS, C.M.B. Cert., H.V. Cert. (R.S.I.)

E. EDWARDS, Registered State Nurse, C.M.B. Cert., New H.V. Cert. (R.S.I.)

J. M. HOPKINS, Registered State Nurse, C.M.B. Cert., New H.V. Cert. (R.S.I.)

#### *Senior Clerk :*

GLYN J. PHILLIPS, C.R.S.I. & S.I.E.J.B.

#### *Housing Clerk :*

D. J. DAVIES.

#### *Clerks :*

WINIFRED BLOXHAM, Mrs. G. TOMBE

#### *Temporary Housing Clerks :*

JOHN M. MORGAN.

B. D. JONES.

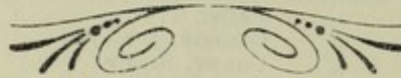
I. T. REES.

G. H. BOWDEN.

*Rodent Officer :* C. H. FOSTER



# Neath Rural District Council



PUBLIC HEALTH DEPARTMENT,  
ORCHARD CHAMBERS,  
NEATH.

*To the Chairman and Members of the Neath Rural District Council :*

I have pleasure in submitting to you the Annual Report for 1948.

As you are aware, Dr. John Griffiths retired from the post of Medical Officer to the Council in September, 1948, and I was appointed as his successor in July, 1949.

The birth-rate for the year is 16.8 as compared with 19.9 for the previous year, and the death-rate is 10.3 as compared with 11.7 for the previous year.

The Infantile Mortality Rate is 46, which is the same as for 1947. During the year there were 6 Maternal Deaths.

There was one death from Diphtheria in a child who was not immunised and there was also one death from Measles.

Tables of Statistics of births, deaths, infantile mortality, sanitary circumstances, infectious diseases, etc., etc., are given in the Report.

During the year work was in hand on the sewerage of Melincourt and Clyne and early in 1949 work commenced on the sewerage of the Hirwaun end of the Parish of Rhigos. Also in 1949 schemes have been submitted and Inquiries held relative to the sewerage of Abergarwed and Rhigos Villages.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

H. R. STUBBINS.

# Report

## 1.—STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

**Area.**—The acreage of the Neath Rural District (including land and inland water) is 52,039. The acreage of each Parish is as follows :—

Baglan Higher	1,178 acres
Blaengwrach	2,869 ..
Blaenhonddan	3,466 ..
Clyne	2,195 ..
Coedffranc	3,826 ..
Dyffryn Clydach	1,725 ..
Dulais Higher	6,261 ..
Dulais Lower	5,227 ..
Michaelstone Higher	2,410 ..
Neath Higher	6,870 ..
Neath Lower	2,101 ..
Resolven	4,672 ..
Rhigos	5,583 ..
Tonna	3,116 ..

**Population.**—The census population of 1931 is 39,783.

The Registrar-General's estimated population for 1948 is 41,200.

### Rateable Value and Sum Represented by a Penny Rate :—

(a) Total rateable Value	£147,933 0 0
(b) Produce of a Penny Rate—General Rate Purposes	£546 10 10

### Extracts from Vital Statistics of the Year :—

		Total	M.	F.	
LIVE BIRTHS	{ Legitimate	683	365	318	Birth-rate per 1,000 of the estimated population
	{ Illegitimate	11	8	3	
					16.8
STILL-BIRTHS	{ Legitimate	19	12	7	Still-birth rate per 1,000 Live and still births
	{ Illegitimate	—	—	—	
					26.6
DEATHS		425	240	185	Death-rate per 1,000 of the estimated resident population
					10.3

### Maternal Deaths.

	Deaths	Rate per 1,000 total live and still births.
1. Puerperal and Post-abortive sepsis	2	2.80
2. Other maternal causes	4	5.61
Total	6	8.41

### Death Rate of Infants under One Year of Age :—

All infants per 1,000 live births	46
Legitimate Infants per 1,000 legitimate live births	44
Illegitimate Infants per 1,000 illegitimate live births	184

	Total.	Male.	Female.
Deaths from CANCER (all ages)	47	24	23
.. MEASLES (all ages)	1	—	1
.. DIARRHOEA (under 2 years)	3	2	1
.. WHOOPING COUGH (all ages)	0	0	0

### Age Distribution of Cancer Deaths :—

	Male.	Female
0—25 years	0	0
25—35 years	0	0
35—45 years	0	2
45—55 years	3	6
55—65 years	8	4
65 years and onwards	13	11
	24	23



**Births.**—The proportion of live male to live female births for the year is as 1,000 is to 860. The number of births and birth-rates for the Neath Rural District are shown in the following Table :—

Year	Births	Birth-rate
1939	623	15.3
1940	676	17.0
1941	661	16.4
1942	701	17.7
1943	697	17.7
1944	802	20.3
1945	656	16.6
1946	741	18.5
1947	800	19.9
1948	694	16.8

**Still-births.**—The number of still births and the still-birth rates since 1939 for the Neath Rural District are as follows :—

Year.	Still-births.	Still-birth rates per 1,000 Live and Still-births
1939	36	54.6
1940	30	42.4
1941	25	36.4
1942	26	37.1
1943	22	31.5
1944	31	37.2
1945	17	25.3
1946	17	28.8
1947	25	30.3
1948	19	26.6

**Deaths.**—The deaths at all ages from all causes during the year 1948 amounted to 425. Of this total 240 were males and 185 females. The deaths correspond to a death-rate of 10.3 per thousand of the population. The number of deaths, as well as the percentage at different age periods, are given below :—

Age periods	No. of Deaths	Percentage of Total Deaths.
0— 1 year	32	7.5
1— 2 years	1	0.2
2— 5 years	1	0.2
5—15 years	7	1.6
15—25 years	15	3.5
25—45 years	46	10.9
45—65 years	109	25.7
65 years and upwards	214	50.4
<b>TOTAL</b>	<b>425</b>	<b>100.0</b>

The number of deaths and death-rates for the area since 1939 are given in the following Table :—

Year	No. of Deaths	Death-rates.
1939	489	12.0
1940	455	11.4
1941	513	12.7
1942	461	11.7
1943	438	11.1
1944	420	10.6
1945	454	11.5
1946	448	11.2
1947	472	11.7
1948	425	10.3

During 1948 the District Coroner held inquests on 52 deaths, i.e. 12 per cent of the total deaths.

**Transferable Deaths.**—122 deaths occurred outside the district, i.e. being persons belonging to this district. These deaths are included in the total number of deaths, 425, given above. 7 deaths occurred within the district among persons belonging to other districts and these have been transferred to the districts concerned and are not included in the total number of deaths for the area.

**Seasonable Death-rate.**—The following table gives the number of deaths and death-rates for each quarter of 1948 :—

	<i>No. of Deaths</i>	<i>Death-rate.</i>
First Quarter	131	12.7
Second Quarter	102	9.9
Third Quarter	97	9.4
Fourth Quarter	95	9.2

The following table gives the comparative figures for Births, Deaths and Infant Mortality Rates in the County of Glamorgan :—

DISTRICT	Estimated Population, 1946	BIRTHS.		DEATHS.		INFANT MORTALITY.	
		Number of Births	Rate per 1000 Population.	Number of Deaths.	Rate per 1000 Population.	Deaths under 1 year.	Rate per 1000 births.
Administrative County	725,200	13,715	18.9	8399	11.6	560	41
Urban Districts	531,990	10,264	19.3	6318	11.9	417	41
Rural Districts	193,210	3,451	17.9	2081	10.8	143	41
England & Wales	42,750,000	—	17.9	—	10.8	—	34
URBAN DISTRICTS.							
Aberdare	41,070	708	17.2	555	13.5	29	41
Barry	41,670	769	18.5	442	10.6	23	30
Bridgend	12,790	239	18.7	124	9.7	10	42
Caerphilly	33,690	765	22.7	417	12.4	48	63
Cowbridge	1,110	15	13.5	9	8.1	—	00
Gelligaer	36,000	786	21.8	356	9.9	33	42
Glyncorrgw	8,870	204	23.0	106	12.0	15	74
Llwchwr	25,620	400	15.6	255	10.0	20	50
Maesteg	22,960	524	22.8	269	11.7	26	50
Mountain Ash	31,900	656	20.6	426	13.4	30	46
Neath	32,040	585	18.3	387	12.1	17	29
Ogmore & Garw	22,720	457	20.1	272	12.0	22	48
Penarth	17,850	312	17.5	208	11.7	7	22
Pontypridd	38,860	779	20.0	489	12.6	21	27
Porthcawl	9,210	146	15.9	129	14.0	4	27
Port Talbot	42,830	818	19.1	450	10.5	29	35
Rhondda	112,800	2,101	18.6	1424	12.6	83	40
RURAL DISTRICTS.							
Cardiff	35,500	525	14.8	384	10.8	16	30
Cowbridge	13,700	317	23.1	137	10.0	13	41
Gower	11,350	201	17.7	129	11.4	9	45
Llantrisant	24,670	538	21.8	281	11.4	27	50
Neath	41,200	694	16.8	425	10.3	32	46
Penybont	34,030	637	18.7	338	9.9	26	41
Pontardawe	32,760	539	16.5	387	11.8	20	37

**Causes of Death** (*Neath Rural, 1947*).

	<i>Male.</i>	<i>Female</i>	<i>Total</i>
Typhoid and Paratyphoid Fevers	0	0	0
Cerebro-Spinal Fever	1	0	1
Scarlet Fever	0	0	0
Whooping Cough	0	0	0
Diphtheria	1	0	1
Tuberculosis of Respiratory System	13	9	22
Other Forms of Tuberculosis	2	0	2
Syphilitic Diseases	1	0	1
Influenza	0	1	1
Measles	0	1	1
Acute Polio-myelitis and Polio-encephalitis	0	0	0
Acute Infantile Encephalitis	0	0	0
Cancer of buccal cavity : and oesphagus (M) : uterus (F)	1	3	4
Cancer of Stomach and Duodenum	2	6	8
Cancer of Breast	0	6	6



**Causes of Death—continued.**

	Male	Female	Total
Cancer of all other sites	21	8	29
Diabetes	0	3	3
Intercranial Vascular Lesions	13	22	35
Heart Disease	45	46	91
Other Diseases of Circ. System	14	8	22
Bronchitis	21	10	31
Pneumonia	9	5	14
Other Respiratory Diseases	15	0	15
Ulcer of Stomach and Duodenum	0	1	1
Diarrhoea under 2 years	2	1	3
Appendicitis	1	1	2
Other Digestive Diseases.	8	5	13
Nephritis	15	14	29
Puerperal and Post Abortive Sepsis	0	2	2
Other Maternal Causes	0	4	4
Premature Birth	5	1	6
Congenital Malformations : Birth Injuries : Infant	8	4	12
Suicide	1	1	2
Road Traffic Accidents	3	2	5
Other violent causes	15	5	20
All other causes	23	16	39
	<u>240</u>	<u>185</u>	<u>425</u>

**Diarrhoea and Enteritis (under 2 years).**

The number of deaths and death-rates in the area since 1939 are given in the following table :—

Year	Total Births	Deaths under 2 years from Diarrhoea and Enteritis	Death-rate per 1,000 live births
1939	623	0	0.00
1940	686	4	5.83
1941	676	3	4.43
1942	701	3	4.27
1943	697	1	1.43
1944	802	2	2.49
1945	656	3	4.57
1946	741	4	5.39
1947	800	3	3.75
1948	694	3	4.32

**Infantile Mortality.**

For the purpose of calculating Infantile Mortality, there were 694 births during the year and 32 deaths of infants under One Year, giving an infantile mortality rate of 46 per thousand live births.

The infantile mortality rates for legitimate and illegitimate infants were 44 and 184 respectively.

The following table gives the number of deaths and births of infants under One Year, together with its corresponding infant mortality rate, for each year since 1939 :—

Year	Births	Deaths under 1 year	Rate per 1,000 births
1939	623	41	65
1940	686	33	48
1941	676	48	71
1942	701	51	73
1943	697	42	60
1944	802	26	32
1945	656	36	55
1946	741	35	47
1947	800	37	46
1948	694	32	46



### Causes of Deaths of Infants under One Year.

The following are the ages and causes of deaths of children under one year of age during the year 1948 :—

	<i>Age</i>		
1.	—	M.	Asphyxia (Infanticide).
2.	20 mins.	F.	Congenital Spina Bifida.
3.	9 hours	M.	Atelectasis.
4.	10 hours	M.	..
5.	1 day	F.	..
6.	1 day	M.	Prematurity.
7.	3 days.	M.	..
8.	3 days.	M.	Congenital Heart Disease.
9.	6 days.	F.	Spina Bifida and Hydrocephalus.
10.	1 week.	M.	Prematurity.
11.	1 week.	F.	..
12.	3 weeks.	M.	..
13.	3 weeks.	F.	Broncho Pneumonia.
14.	1 month.	F.	Convulsions.
15.	1 month.	M.	Congenital Heart Disease.
16.	1 month.	M.	Marasmus.
17.	1 month.	F.	Paralytic Ilius.
18.	2 months.	F.	Asphyxia (Accidental)
19.	2 months.	F.	Gastro Enteritis.
20.	4 months.	F.	Asphyxia. (Accidental)
21.	4 months.	F.	Broncho Pneumonia.
22.	4 months.	F.	Marasmus.
23.	5 months.	M.	Convulsions.
24.	5 months.	M.	Gastro Enteritis.
25.	5 months.	M.	Post Operative Shock.
26.	6 months.	F.	Intestinal Obstruction.
27.	6 months.	M.	Cardiac Failure.
28.	7 months.	M.	Toxaemia.
29.	7 months.	M.	Tubercular Meningitis.
30.	9 months.	F.	Heart Failure.
31.	10 months	F.	Convulsions.
32.	12 months.	M.	Encephalitis.

**Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case-rates for Certain Infectious Diseases in the Year 1948. Provisional figures based on Quarterly returns.**

	<i>England and Wales</i>	<i>126 C.B.'s and Gl. Towns including London</i>	<i>148 Smaller Towns—resident pop. 25,000—50,000 at 1931 Census.</i>	<i>London Adm. County</i>	<i>Neath Rural District</i>
<i>Rates per 1,000 Civilian population :—</i>					
<b>BIRTHS</b>					
Live Births	17.9(a)	20.0	19.2	20.1	16.8
Still Births	0.42(a)	0.52	0.43	0.39	0.46
<b>DEATHS :</b>					
All causes	10.8(a)	11.6	10.7	11.6	10.3
Typhoid and Paratyphoid	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.02	0.01	0.00
Diphtheria	0.00	0.00	0.00	0.01	0.02
Tuberculosis	0.51	0.59	0.46	0.63	0.58
Influenza	0.03	0.03	0.04	0.02	0.02
Smallpox	—	—	—	—	—
Acute Poliomyelitis and Polioencephalitis	0.01	0.01	0.01	0.00	0.00
Pneumonia	0.41	0.38	0.36	0.54	0.34
<b>NOTIFICATIONS (Corrected)</b>					
Typhoid Fever	0.01	0.00	0.01	0.00	0.00
Paratyphoid Fever	0.01	0.01	0.01	0.01	0.02
Cerebro-spinal Fever	0.03	0.03	0.02	0.03	0.00
Scarlet Fever	1.73	1.90	1.82	1.37	4.63
Whooping Cough	3.42	3.51	3.31	3.13	2.69
Diphtheria	0.08	0.10	0.09	0.10	0.53
Erysipelas	0.21	0.23	0.21	0.22	0.12
Smallpox	—	—	—	—	—
Measles	9.34	9.75	8.84	9.17	0.56
Pneumonia	0.73	0.84	0.60	0.57	1.38
Acute Poliomyelitis	0.04	0.05	0.04	0.04	0.02
Acute Polioencephalitis	0.00	0.00	0.00	0.00	0.00
<i>Rates per 1,000 live births :—</i>					
<b>DEATHS :</b>					
All causes under age of 1 year	34(b)	39	32	31	46
Enteritis and Diarrhoea under 2 years of age	3.3	4.5	2.1	2.4	4.3
<i>Rates per 1,000 Total (Live &amp; Still) Births. NOTIFICATIONS: (Corrected)</i>					
Puerperal fever and pyrexia	6.89	8.90	4.71	7.34(c)	1.40

**MATERNAL MORTALITY—ENG & WALES : Rates per 1,000 Total (Live & Still) Births.**

Abortion with Sepsis	0.10	Abortion without Sepsis	0.06
Puerperal Infections	0.16	Other Maternal Causes	0.85

**MATERNAL MORTALITY—NEATH RURAL DISTRICT :**

Abortion with Sepsis	2.80	Abortion without Sepsis	0.00
Puerperal Infections	0.00	Other Maternal causes	5.61

**Abortion—Mortality per million women 15—45—England and Wales :—**

With Sepsis	9	Without Sepsis	5
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- (a) Rates per 1,000 total population.  
 (b) Per 1,000 related births.  
 (c) In London Puerperal Fever alone was 0.61.



## (d) Clinics and Treatment Centres.

The following are particulars relating to existing Centres in the area :—

Name.	Situation.	Nature of Accommodation.	By whom provided.	Purposes for which used.
Glynneath	Infant Welfare Centre, Addoldy Road	Pram Shelter Waiting Room. Disrobing and Weighing Room. Medical Officer's Room. Nurses' Room. Testing Room. Kitchen. Lavatories, etc., for Staff and Patients.	Neath Rural District Council.	Infant Welfare and Ante-Natal Clinics.
Seven Sisters	Infant Welfare Centre, Mary Street.	do.	do.	do.
Skewen	Infant Welfare Centre, Cefn Park.	do.	do.	do.
Resolven	Miners' Welfare Hall	Two Rooms.	do.	Infant Welfare Clinic.
Aberdulais	Baptist Chapel Vestry	Two Rooms.	do.	do.
Efail Fach	"Y Gangen Chapel"	One Room ( <i>partitioned</i> )	do.	do.
Onllwyn	Miners' Welfare Hall	Three Rooms.	do.	do.
Neath	15, Orchard Street	Two Rooms	do.	Ante-Natal Clinic.
Bryncoch	St. John's Ambulance Hall.	Two Rooms	do.	Infant Welfare Clinic
Rhigos	Croesffordd Hostel	Three Rooms	do.	do.

The following Table gives details of the attendance at each Centre from 1st January to 5th July, 1948 :—

CENTRE.	Total Attendances		First Visits.	
	Children under One	Children One to Five	Children under One	Children One to Five
Skewen	262	140	77	8
Seven Sisters	278	87	60	4
Pontrhydyfen	19	18	4	1
Aberdulais	156	44	41	1
Resolven	159	76	35	2
Glynneath	361	100	50	2
Onllwyn	83	26	22	2
Bryncoch	46	5	3	—
Rhigos	50	25	16	5
TOTALS	1414	521	308	25

On the 5th July, these Centres together with all work in connection with Maternity and Child Welfare were handed over to the administration of the Glamorgan County Council, as provided for by the National Health Act, 1946.



**Ante-Natal Centres.**

Monthly sessions are held at each of the following centres :—

- (1) Clinic, Addoldy Road, Glynneath.
- (2) Clinic, Mary Street, Seven Sisters.
- (3) Clinic, Cefn Parc, Skewen.
- (4) Health Dept., 15 Orchard Street, Neath.

The total attendances at these Centres during the period 1st January and 5th July were :—

(a) Total number of Expectant Mothers who attended	.....	.....	.....	.....	253
(b) Total number of attendances by Expectant Mothers	.....	.....	.....	.....	528

The number of maternity cases admitted to West Glamorgan Hospital was 50. Two cases were admitted to Tydfil Lodge, Merthyr Tydfil.

**Health Visitors.**

There are four Health Visitors employed by the Council and the following is a summary of the work done by them from 1st January to 5th July, 1948 :—

VISITS TO EXPECTANT MOTHERS :—		
First Visits	94	Total Visits 172.
VISITS TO CHILDREN UNDER ONE YEAR :—		
First Visits	404	Total Visits 1109.
VISITS TO CHILDREN 1 TO 5 YEARS :—		
Total Visits		1229.
OTHER VISITS	83	
GRAND TOTAL OF VISITS		3091

**Child Life Protection.**

There were no persons in the area receiving children for reward at the end of the period 1st January—5th July, 1948.

**Other Facilities under Maternity and Child Welfare Scheme.**

By arrangement with the Glamorgan County Council the treatment of tonsils and adenoids, dental and ophthalmic cases is carried out by the appropriate officers of that Council a scale of charges for such cases being agreed between the two authorities.

**Cod Liver Oil and Fruit Juices**

Officers of the Local Office of the Ministry of Food attended at all the Child Welfare Clinics in the area for the purpose of distributing cod-liver oil and fruit juices and dried milk in accordance with the regulations of the Ministry of Food.

**Sale of Dried Milk and Welfare Foods at Clinics.**

In June, 1948, my Council commenced a scheme for the sale of dried milk and other foods at the various centres in the area. A clerk was employed to undertake these duties. This scheme was continued in the area by the Glamorgan County Council after the 5th July, 1948.

**Home Helps Scheme.**

Difficulty was experienced in obtaining suitable helpers for this scheme. Two persons were retained as helpers, and help was provided in two cases up to the 5th July, 1948, when this scheme was vested in the Glamorgan County Council as Local Health Authority under the National Health Act, 1946.

**III.—SANITARY CIRCUMSTANCES OF THE AREA.**

The Ystradfellte Water Scheme is the principal supply in the area, serving some 92% of the total houses in the area. This water is chlorinated and is excellent as regards both quality and quantity.

A small portion of the area is supplied from the Llynfawr Reservoir and the scattered farms and cottages obtain their water from springs, wells, etc.

Some 84% of the houses in the area are connected to the Council sewers, the remaining 16% being found chiefly in the Parishes of Rhigos, Neath Lower, Clyne and Baglan Higher.

Schemes have been prepared for the construction of sewers in the Parishes of Clyne, Rhigos and Neath Lower and it is pleasing to note that during 1948, work commenced on the sewerage of the Parish of Clyne. It is to be hoped that all these schemes will soon be under way and that eventually every possible house in the area will be connected to a public water supply and also sewerage. During 1949, work has also been commenced on the sewerage of the upper portion of the Parish of Rhigos.

(a) **Water.**

The following monthly rainfall was recorded at Ystradfellte during 1948 :—

January	18.38 inches
February	6.42 inches.
March	5.64 inches
April	3.89 inches
May	4.49 inches
June	8.66 inches
July	3.75 inches
August	10.98 inches
September	10.00 inches
October	5.76 inches
November	4.91 inches
December	14.03 inches
Total	86.91 inches

The following Table gives the various sources of water supply, together with the number of houses served by each supply in each District, Valley, Parish and Ward :—

DISTRICTS AND PARISHES.	Ystrad-fellte Water Scheme.	Llynfawr Reservoir.	Mr. Bevan's Private Reservoir.	Neath Borough Reservoir.	Springs, Wells, etc.	Without Water Supply.	Total.
<b>DULAIS VALLEY :</b>							
Dulais Higher (Crynant Ward)	401	0	0	0	21	0	422
(Seven Sisters Ward)	650	0	23	0	18	0	691
(Onllwyn Ward)	518	0	0	0	7	0	525
Dulais Lower	305	0	0	0	41	0	346
							—1984
<b>NEATH VALLEY (Non-Tidal Portion)—</b>							
Rhigos	78	356	0	0	27	0	461
Neath Higher	1114	0	0	0	63	2	1179
Blaengwrach	207	0	0	0	21	0	228
Resolven (Resolven Ward)	768	0	0	0	24	1	793
(Cwmgwrach Ward)	249	0	0	0	6	1	256
Neath Lower	99	0	0	0	14	0	113
Clyne	226	0	0	0	7	0	233
							—3263
<b>NEATH VALLEY (Tidal Portion)</b>							
Tonna	401	0	0	4	41	0	446
Blaenhonddan	1011	0	0	0	41	0	1052
Dyffryn Clydach	567	0	0	0	33	1	601
Coedffranc	2516	0	0	0	20	0	2536
							—4635
<b>AFAN VALLEY :</b>							
Baglan Higher	113	0	0	0	5	0	118
Michaelstone Higher	266	0	0	0	17	0	283
							—401
<b>TOTALS</b>	<b>9489</b>	<b>356</b>	<b>23</b>	<b>4</b>	<b>406</b>	<b>5</b>	<b>10283</b>



The following Table gives the percentage of houses on the various water supplies in the area :—

DISTRICT.	Ystrad-fellte Water Scheme	Llynfawr Reservoir.	Mr. Bevan's Private Reservoir.	Neath Borough Reservoir.	Springs, Wells, etc.	Without Water Supply.
DULAIS VALLEY— Comprising Dulais Higher and Dulais Lower	94.5	0.0	1.1	0.0	4.4	0.00
NEATH VALLEY—(Non-Tidal Portion)— Comprising Rhigos, Neath Higher, Blaen-gwrach, Resolven, Neath Lower and Clyne	84.0	10.9	0.0	0.0	5.0	0.1
NEATH VALLEY—(Tidal Portion)— Comprising Tonna, Blaenhonddan, Dyffryn Clydach and Coedffranc	97.0	0.0	0.0	0.1	2.9	0.0
AFAN VALLEY— Comprising Baglan Higher and Michaelstone Higher	94.5	0.0	0.0	0.0	5.5	0.0
TOTALS—N.R.D.C.	92.28	3.46	0.22	0.04	3.95	0.05

The following are the results of water analyses during the year :—

No.	Source.		Bacteriological Examination.	Chemical Examination.
1.	37, Old Road, Skewen	Ystradfellte	Satisfactory	
2.	Clifton House, Rhigos.	Llynfawr	..	
3.	Abergwerffrydd House, Tonmawr	..	..	
4.	43 John Street, Resolven	Ystradfellte	..	
5.	5 Greenwood Terrace, Clyne	..	..	
6.	Brynglas, Tonna	..	..	
7.	28, Mount Pleasant, Neath Abbey	..	..	
8.	1, School Road, Onllwyn	..	..	
9.	13, Danygraig Rad, Cadoxton	..	..	
10.	6 Cyd Terrace, Clyne	..	..	
11.	18 Queens Road, Skewen.	..	Fairly Satisfactory	
12.	6 Main Road, Onllwyn	..	Satisfactory	Chemical & physical characters fairly satisfactory.
13.	Meadow View, Seven Sisters	..	..	
14.	10 Park Street, Skewen	..	..	
15.	Garth House, Rhyddings	..	..	
16.	Mill Terrace, Glynneath	..	..	
17.	Back Row, Onllwyn	..	..	
18.	Ystradfellte Reservoir (Before Chlorination)	..	..	Chemical evidence shows no evidence of animal contamination.
19.	Ystradfellte Reservoir (After Chlorination)	..	..	Contains a faint trace of dissolved iron but is free from copper, lead and zinc.
20.	3 Commercial Street, Seven Sisters	..	Satisfactory	
21.	Glyn House, Penywern, Neath	..	..	
22.	12 Back Row, Onllwyn	..	..	
23.	Beaconsfield Street, Cadoxton.	..	..	
24.	5 Hayes Crescent, Glynneath	..	..	
25.	4 Tai-level, Skewen	..	..	
26.	19 Tegfryn, Seven Sisters	..	..	
27.	Creighton Terrace, Cadoxton	..	..	
28.	Primrose House, Jersey Marine	..	..	
29.	3 Coopers Cottages, Penywern.	..	..	



30.	Clifton House, Rhigos	Llynfawr Supply	Satisfactory	
31.	5 Halt Close, Rhigos	Mountain Ash Supply	..	
32.	School Cooking Dept., Glynneath	Ystradfellte	..	
33.	18 Queens Road, Skewen	..	..	
34.	Tanywaun, Mary Street, Seven Sisters	..	..	
35.	10 Heolygraig, Tonna	..	..	
36.	Bethlehem Road, Skewen	..	..	
37.	16 Fothergill Road, Cwmgwrach	..	..	
38.	29 Yeo Street, Resolven.	..	..	
39.	Cartref, Bryncoch	..	..	
40.	22 Penybont, Crynant	..	..	
41.	Primrose House, Seven Sisters	..	..	
42.	Tregolven, Neath Abbey	..	..	
43.	2 Gwyn Terrace, Crynant	..	..	
44.	Templestowe, Neath Road Tonna	..	..	
45.	Glynneath Boys' School, Glynneath	..	..	
46.	Garth Colliery Canteen, Tonmawr	..	Moderate	
47.	17 Hill Road, Neath Abbey	..	Satisfactory	
48.	1 Glebeland Terrace, Cadoxton	..	..	
49.	Stream, Caewern Cottages, Dwryfelin	Stream	Contaminated	Chemical & physical characters unsatisfactory.
50.	3 Heolpantglas, Bryncoch	Ystradfellte	Fairly Satisfactory	
51.	Supply Stores, Rhigos	Llynfawr	..	
52.	Spring, Cefn House, Rhigos	Spring	..	Chemical & physical characters are satisfactory.
53.	18 Queens Road, Skewen	Ystradfellte	Satisfactory	
54.	Hyfrydla, Resolven	..	..	
55.	Warren Bungalow, Bryncoch	..	..	
56.	Brynteg House, Neath	..	..	
57.	Brynteg House, Neath	..	Fairly Satisfactory	
58.	Greenwood Terrace, Clyne	Ystradfellte	Satisfactory	
59.	65 The Greenway, Llandarcy	..	..	
60.	Llwyncoed, Crynant	..	..	Satisfactory
61.	Brynteg House, Neath	..	..	
62.	Brynteg House, Neath	Ystradfellte	..	
63.	Rheola Aluminium Works, Resolven	Spring	..	Fairly satisfactory
64.	Francis Street, Skewen	Ystradfellte	Satisfactory	
65.	1 Aberhenwaun, Seven Sisters.	..	..	
66.	Empire Colliery, Cwmgwrach	..	..	
67.	School Cooking Dept., Glynneath	Ystradfellte	..	
68.	Glynderwen House, Dwryfelin	..	Contaminated	
69.	Lewis Road, Crynant	Ystradfellte	Satisfactory	
70.	1 Oak View, Cilfrew	..	..	
71.	1 Treforgan, Crynant	..	..	
72.	34 Dynevor Road, Skewen	..	..	
73.	14 Minycoed, Glynneath	..	..	
74.	4 Bronwydd Terrace, Seven Sisters	..	..	
75.	Bryngolwyg House, Rhigos	Llynfawr	..	
76.	Croesffordd Hostel, Rhigos	Mountain Ash	..	
77.	2 Tynygraig, Crynant	Ystradfellte	..	
78.	7 Marigold Terrace, Seven Sisters	..	..	
79.	4 New Road, Skewen	..	..	
80.	10 Cross Street, Resolven	..	..	
81.	36 Ynysfawr, Resolven	..	..	
82.	1 Wernddu Cottages, Resolven	..	..	
83.	1 Main Road, Onllwyn	..	Fairly satisfactory.	
84.	6 Stag Terrace, Abergarwed	..	Satisfactory	
85.	5 New Houses, Pontrhydyfen *	..	..	
86.	3 Croft Cottages, Neath Abbey	..	..	
87.	Dyffryn House, Onllwyn	..	..	
88.	Avon Street, Glynneath	..	..	
89.	Cottage Homes, Bryncoch	..	..	
90.	4 Mount Pleasant, Crynant	..	..	
91.	Ardwyn Main Road, Onllwyn	..	..	
92.	Cwmfelin Cottages, Neath Abbey	..	..	
93.	2 Pentreclyda, Resolven	Mountain Brook	..	Satisfactory

94. Near Pandy Colliery, Pontwalby	Mountain Spring	Fairly satisfactory	Fairly satisfactory.
95. No. 1 Drift Pandy Colliery, Pontwalby	Mountain stream	Satisfactory	..
96. 46 Mary Street, Seven Sisters	Ystradfelte	..	
97. 2 Ynysygerwn Crescent, Aberdulais	..	..	
98. 2 Council Houses, Tonmawr	..	..	
99. Gwelfor, Tonna	..	..	
100. 1 Creighton Terrace, Cadoxton	..	..	
101. 1 The Square, Crynant	..	..	
102. Caewern Cottages, Dwryfelin	Stream	Unsatisfactory	
103. 15 Gould Site, Crynant	Ystradfellte	Satisfactory	
104. 5 Whittington Street, Tonna	..	..	
105. Ty Rhyd, Resolven	..	..	
106. 8 Tanyrhiw Road, Resolven	..	..	
107. Nantwen, Bryncoch	..	..	
108. Pandy Colliery, Pontwalby	Mountain Spring	Satisfactory	Fairly satisfactory.
109. Abbeville, Crynant	Ystradfellte	..	
110. No. 1 Drift, Pontwalby.	Mountain Stream	Unsatisfactory	Satisfactory.
111. Cwm Cottages, Bryncoch	..	Satisfactory	
112. Cwm Cottage, Bryncoch	..	Satisfactory	Satisfactory.
113. 14 Gould Site, Cryant	Ystradfellte	..	Moderate
114. Uphill House, Resolven	Surface Stream	Unsatisfactory	Satisfactory.
115. Rhigos Schools, Rhigos	Llynfawr	Satisfactory	Unsatisfactory
116. 1 New Road, Skewen	Ystradfellte	..	
117. Grahams Terrace, Skewen	..	..	
118. Glandulais House, Banwen	..	..	
119. Tanyrallt, Glynneath Road, Resolven	..	..	
120. The Dell, Seven Sisters	..	..	
121. Ynysllynlladd Cottage, Cadoxton	..	..	
122. 3 Oddfellows Street, Glynneath	..	..	
123. 18 Queens Road, Skewen.	..	..	
124. Sunnybank, Tonna	..	..	
125. 24 Maesgwyn, Tonmawr	Tonmawr Supply	..	
126. 20 John Street, Tonmawr	..	..	Satisfactory
127. Oaks Bungalow, Resolven	Mountain Spring	..	No evidence of organic contamination.
128. 3 Railway Terrace, Skewen	Ystradfellte	..	
129. 9 Commercial Road, Resolven	..	..	
130. 3 The Square, Crynant	..	..	
131. 3 Hill Road, Neath Abbey	..	..	



(c) **Closest Accommodation.**

The following Table gives at a glance the position of each Parish as to the nature of its sanitary circumstances :—

DISTRICT	Stru- tural Separate Dwell- ings.	Water Carriage System to Sewer	Water Carriage System to Cesspool & disused Pits	Water Carriage System to Rivers & Streams	Slop Water System only to Cesspool & Water Course	Houses without Drains	Pails	Privies	Houses without Closest accom- modation
<b>DULAIS VALLEY</b>									
Dulais Higher (Crynant	422	395	4	0	11	12	16	7	0
(Seven Sisters	691	666	2	0	17	6	19	1	0
(Onllwyn Ward	525	512	2	0	8	3	10	4	0
Dulais Lower	346	302	7	0	23	14	30	7	0
Total	1984	1875	15	0	59	35	75	19	0
<b>NON-TIDAL PORTION OF NEATH VALLEY :</b>									
Rhigos	461	182	18	1	187	73	234	19	7
Neath Higher	1179	997	21	3	110	48	134	24	0
Blaengwrach	228	161	2	0	36	29	63	1	1
Resolven (Resolven Ward	793	738	11	0	35	9	42	2	0
(Cwmgwrach Ward	256	235	2	0	12	7	19	0	0
Neath Lower	113	0	10	0	92	11	96	7	0
Clyne	233	0	12	0	220	1	191	30	0
Total	3263	2313	76	4	692	178	779	83	8
<b>TIDAL PORTION OF NEATH VALLEY :</b>									
Tonna	446	386	15	1	24	20	39	4	1
Blaenhonddan	1052	910	36	0	86	20	86	17	3
Dyffryn Clydach	601	491	24	0	49	37	51	29	6
Coedffranc	2536	2461	18	0	36	21	51	6	0
Total	4635	4248	93	1	195	98	227	56	10
<b>AFAN VALLEY :</b>									
Baglan Higher	118	0	2	0	100	16	101	15	0
Michaelstone Higher	283	231	7	0	42	3	41	3	1
Total	401	231	9	0	142	19	142	18	1
<b>GRAND TOTAL</b>	<b>10283</b>	<b>8667</b>	<b>193</b>	<b>5</b>	<b>1088</b>	<b>330</b>	<b>1223</b>	<b>176</b>	<b>19</b>

**Closest Accommodation. Percentage Basis.**

The following Table gives the percentages of the sanitary circumstances of the houses in the area :—

DISTRICT.	Water Carriage System to Sewer	Water Carriage System to Cesspool & disused Pits	Water Carriage System to Rivers & Streams	Slop Water System only to Cesspool & Water Course	Houses without Drains	Pails	Privies	Houses without Closest accom- modation
<b>DULAIS VALLEY—</b> Comprising Dulais Higher and Dulais Lower	94.51	0.75	0.00	2.98	1.76	3.78	0.96	0.00
<b>NON-TIDAL PORTION OF NEATH VALLEY—</b> Comprising Rhigos, Neath Higher, Blaengwrach, Resolven, Neath Lower and Clyne	70.88	2.33	0.12	21.21	5.46	23.89	2.54	0.24
<b>TIDAL PORTION OF NEATH VALLEY—</b> Comprising Tonna, Blaenhonddan, Duffryn Clydach and Coedffranc	91.65	2.01	0.02	4.21	2.11	4.90	1.21	0.21
<b>AFAN VALLEY—</b> Comprising Baglan Higher and Michaelstone Higher	57.60	2.24	0.00	35.41	4.75	35.41	4.49	0.26
<b>TOTALS—N.R.D.C.</b>	<b>84.28</b>	<b>1.88</b>	<b>0.05</b>	<b>10.57</b>	<b>3.22</b>	<b>11.89</b>	<b>1.71</b>	<b>0.19</b>



The following are results of analysis of sewerage effluents during the year:—

Results are stated in parts per 100,000.

Date Collected	Description of Sample	Organic Suspended Matter	Chlorine	Nitrogen as Nitrates	Nitrogen as Nitrites	Free Ammonia	Albuminoid Ammonia	Dissolved oxygen absorbed in 5 days at 65 F	Remarks
Feb. 18	Crude Sewage, Crynant.	Small Amount	6.4	—	—	3.8	—	—	A weak crude sewage.
	Effluent, Crynant	Small Amount	5.3	Faint Trace	Nil	0.496	0.156	2.05	Fairly satisfactory
April 8	Crude Sewage, Resolven	Large Amount	7.2	—	—	3.5	—	—	A crude sewage of average strength
	Effluent, Resolven.	16.6	4.5	Nil	Nil	3.48	0.640	17.5	Inefficient purification.
April 16	Crude Sewage, Crynant	Fair Amount	4.0	—	—	4.0	—	—	A weak crude sewage.
	Effluent, Crynant.	Trace	2.1	3.52	Nil	0.092	0.076	1.24	Satisfactory
April 19	Crude Sewage, Glynneath	Large Amount	8.0	—	—	9.0	—	—	A fairly strong crude sewage.
	Effluent, Glynneath	9.2	6.8	Nil	Nil	8.64	0.82	42.8	Inefficient Purification.
June 23	Crude Sewage, Seven Sisters	Small Amount	2.0	—	—	0.6	—	—	A very weak crude sewage.
	Effluent, Seven Sisters	Trace	1.9	Practically Nil	Nil	0.007	0.033	0.35	Satisfactory
July 2	Crude Sewage, Glynneath	Large Amount	7.6	—	—	8.0	—	—	A fairly strong crude sewage.
	Effluent, Glynneath	Fair Amount	6.4	Nil	Nil	6.02	0.52	18.4	Inefficient Purification.
Aug. 23	Crude Sewage, Glynneath	Fair Amount	2.8	—	—	0.56	—	—	A weak crude sewage.
	Effluent, Glynneath	Fair Amount	2.7	Nil	Nil	1.68	0.20	9.46	Inefficient Purification.
Aug. 23	Crude Sewage, Crynant	Small Amount	2.4	—	—	0.20	—	—	A very weak crude sewage.
	Effluent, Crynant	Trace	1.7	Nil	Nil	0.012	0.027	0.36	Satisfactory
Sept. 8	Crude Sewage, Resolven	Fair Amount	2.8	—	—	1.3	—	—	A weak crude sewage.
	Effluent, Resolven	Fair Amount	2.6	Nil	Nil	1.64	0.500	17.6	Inefficient Purification.
Oct. 10	Crude Sewage, Crynant	Small Amount	3.2	—	—	0.6	—	—	A very weak crude sewage.
	Effluent, Crynant.	Trace	1.8	6.68	Nil	0.009	0.032	0.26	Satisfactory
Dec. 12	Crude Sewage, Resolven.	Large Amount	6.4	—	—	8.8	—	—	A fairly strong crude sewage.
	Effluent, Resolven	Fair Amount	2.7	Nil	Nil	1.06	0.74	5.08	Inefficient Purification.

(e) **Schools.**

The sanitary conditions and water supply of Schools within the District are as follows :—

<i>School.</i>	<i>Source of Water.</i>	<i>Closet Accommodation.</i>
Aberdualis—Mixed	Ystradfellte Water Supply	Water Carriage system to sewer
Aberdualis—Infants	do.	do.
Blaengwrach—Mixed	do.	do.
Blaengwrach—Infants	do.	do.
Bryncoch—Mixed	do.	do.
Bryncoch—Infants	do.	do.
Bryncoch (Non-provided)—Mixed & Infants	do.	do.
Cadoxton—Junior	do.	do.
Cadoxton—Senior	do.	do.
Cilfrew—Junior	do.	do.
Coedffranc—Boys	do.	do.
Coedffranc—Girls	do.	do.
Coedffranc—Infants	do.	do.
Skewen Lower —Boys	do.	do.
Skewen Lower—Girls	do.	do.
Clyne Mixed	do.	Water carriage system to Cesspool.
Clyne—Infants	do.	do.
Crynant—Mixed	do.	Water carriage system to sewer
Crynant—Infants	do.	do.
Glynneath—Boys	do.	do.
Glynneath—Girls	do.	do.
Glynneath—infants	do.	do.
Jersey Marine—Mixed	do.	do.
Jersey Marine—Infants	do.	do.
Maesmarchog—Mixed	do.	do.
Maesmarchog—Infants	do.	do.
Neath Abbey—Infants	do.	do.
Onllwyn—Mixed	do.	do.
Onllwyn—Infants	do.	do.
Resolven—Boys	do.	do.
Resolven—Girls	do.	do.
Resolven—Infants	do.	do.
Rhigos—Mixed	Llwynfawr Reservoir	Pail Closet
Rhigos —Infants	do.	do.
Seven Sisters—Boys	Ystradfellte Water Supply	Water Carriage system to Sewer.
Seven Sisters—Girls	do.	do.
Seven Sisters—Infants	do.	do.
Tonna—Mixed	do.	do.
Tonna—Infants	do.	do.
Tonmawr—Mixed	do.	Pail Closet
Tonmawr—Infants	do.	do.

(f) **Smoke Abatement.**

No power was generated at the Colliery Power Station at Cwmgwrach during the year, but agreement was reached between the Council and the Electricity Board to use the Station if there was a need for extra power in the area, the Board agreeing to take all necessary precautions to eliminate dust menace.

(g) **Public Cleansing.**

No further improvement has taken place in the scavenging of the area. In the Parishes of Coedffranc, Dyffryn Clycadh, Neath Higher, Blaengwrach and Cwmgwrach Ward, scavenging is done directly by the Council. In all other Parishes it is carried out on the Contract system and in most such cases the vehicles used are uncovered and unsuitable for the purpose of collecting refuse. Throughout the area refuse is dumped in an indiscriminate and insanitary manner at dumps in numerous parts of the area. During the past two and a half years a labourer has been employed to keep them in a more sanitary condition and the dumps are regularly treated for rat destruction with the result that rat infestation has been kept at a satisfactory low level. In addition the dumps are sprayed with a D.D.T. Solution for the control of flies, crickets, etc.

Despite the improvements, very much is still to be desired in the methods adopted for refuse collection and disposal to bring this, the least satisfactory public service in the area, up to the modern, hygienic standard so necessary in a comparatively thickly populated area.



**(h) Sanitary Inspection of the Area.**

(i) Number and Nature of Inspections made during the year. :—	
Number of Houses inspected	541
Number of Houses re-inspected	453
Overcrowding inspections	189
Owners or Contractors interviewed	126
Old Lodging House	5
Tents, vans, sheds, etc.	11
Public Houses	75
Amusement Places	17
Schools	13
Bakehouses—Mechanical & Non-mechanical	80
Factories—Mechanical & Non-mechanical	37
Offices	6
Offensive Trades	4
Piggeries	152
Stables	76
Refuse Tips	268
Accumulations	207
Back Lanes	281
Sewers	7
Drains	97
Public Urinals	175
Cesspools	9
Water-courses	33
Water Supplies	158
Smoke or Grit Observations	1
Rat Infestations	140
Provision Shops and Stores	352
Butchers' Shops and Butchers' Food preparing places	506
Greengrocers and Fishmongers	205
Fried Fish Shops	54
Canteens, etc.	75
Food Vehicles	160
Cowsheds, Dairies, Milkshops and Milk Purveyors	225
Ice-cream premises, barrows, etc.	128
Infectious Diseases—Houses visited and disinfected	236
Visits not classified	26
Total	5,128

(b) The following is a summary of nuisances and defects remedied during the year :—

**(1) HOUSES.**

Dampness abated	30
Walls repaired	3
Outside plastering repaired	10
Inside plastering repaired	57
Floors renewed or repaired	8
Floors ventilated	4
Roofs repaired	45
Chutes, gutters and downpipes renewed or repaired	32
Chimneys repaired	3
Ceilings repaired	16
Doors and frames renewed or repaired	5
Window sashes and frames renewed or repaired	8
Window cords renewed	24
Grates or ovens renewed or repaired	2
Boilers provided or repaired	1
Obstructive outbuildings demolished	1
Yard-paving relaid or repaired	3
Water supply provided	1
water-taps or pipes renewed or repaired	18
Houses treated for vermin	8
Accumulations removed	61

(2)	DRAINAGE.	
	Drains tested .....	2
	Drains relaid or repaired .....	9
	Drains cleansed .....	7
	Inspection chambers provided .....	3
	Soil-pipes or vent-shafts repaired .....	5
	Gullies fixed or repaired .....	4
(3)	W.C.'s.	
	New or additional W.C.'s provided .....	2
	W.C.'s reconstructed or repaired .....	17
	New pans and traps fixed .....	16
	W.C.'s cleansed .....	5
	Flushing apparatus provided .....	1
	Flushing apparatus repaired .....	21
	Miscellaneous repairs .....	1
(4)	EARTH OR PAIL CLOSETS.	
	Cleansed or repaired .....	4
(5)	CESSPOOLS.	
	Emptied .....	1
(6)	TENTS, VANS & SHEDS.	
	Removed .....	6
(7)	AMUSEMENT PLACES.	
	Cleanliness improved .....	1
(8)	OFFENSIVE TRADES, PIGGERIES, STABLES, ETC.	
	Accumulations removed .....	14
	Cleanliness improved .....	1
	Impervious receptacles provided .....	3
	Drainage provided or improved .....	2
(9)	FRIED FISH SHOPS	
	Accumulations removed .....	3
	Ashbins provided .....	1
	Other nuisances and repairs .....	4
(10)	FOOD SHOPS, CANTEENS, ETC.	
	Accumulations removed or cleanliness improved .....	14
	Ashbins provided .....	2
(11)	FOOD VEHICLES.	
	Warnings re general cleanliness, etc. ....	12
(12)	DAIRIES, COWSHEDS, MILKSHOPS, ETC.	
	New cowsheds constructed .....	1
	Existing Dairies improved .....	1
	Existing Cowsheds improved .....	5
	Lighting and ventilation improved .....	1
	Accumulations removed .....	15
(13)	ICE-CREAM PREMISES.	
	Premises improved .....	6
	<b>TOTAL</b> .....	<b>530</b>
(c)	Number of Notices served :	
	(i) Informal .....	239
	(ii) Statutory .....	23
		<b>262</b>
(d)	Result of Service of above Notices :	
	(i) Informal Notices complied with .....	204
	(ii) Statutory Notices complied with .....	15
		<b>219</b>



**IV.—HOUSING.****(a) HOUSING SCHEMES.**

From 1918 to 1939 the Council built 800 houses in the area. From 1946 to 31st December, 1948, 330 houses have been built and occupied, giving a total of 1,130 houses owned by the Local authority.

**(b) INSPECTION OF DWELLING HOUSES IN THE AREA DURING THE YEAR.**

(i) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts.)	541
(ii) Number of inspections made for the purpose	994

(c) Houses where defects were remedied during year without service of formal notice	104
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**(d) PROCEEDINGS UNDER PUBLIC HEALTH ACT, 1936.**

(i) Number of dwellings in respect of which formal notices were served during the year	22
(ii) Number of dwellings which were rendered fit after service of formal notice	14

**(e) RURAL HOUSING SURVEY.**

Up to December 31st, 1948, 9,504 houses have been inspected under the Survey, as recommended in the Hobhouse Report. These houses have been classified as follows:—

Category 1. (Fit in all respects)	3,379
Category 2. (Minor defects only)	3,979
Category 3 & 4. (Needing repair, structural alteration or improvement or appropriate for reconditioning)	1,771
Category 5. (Unfit for habitation and beyond repair at reasonable cost)	609
TOTAL	<u>9,504</u>

**(f) OVERCROWDING.**

There is still much overcrowding in the area, and in addition there are very many hundreds of families, who, although not overcrowded according to the standards of the Housing Act, 1936, live in apartments and are much in need of separate housing accommodation. At the end of 1948, some 1750 applications were registered in the Department for housing accommodation. Whilst it can be said that the Council's efforts in building houses is a fine one and has continued as such into 1949, much work still remains to give every family in the area, good housing accommodation.

**(g) DEMOLITION ORDERS.**

During the year 5 Demolition Orders were made and in addition 1 house was demolished voluntarily.

**V.—INSPECTION AND SUPERVISION OF FOOD.****(a) Milk Supply.**

During the year 225 visits were made to cowsheds and dairies in the area. There are 143 registered milk producers in the area of whom 110 sell by retail and 33 wholesale. In addition 10 producers from outside the area retail milk within the area.

In addition to the above the following number of licences have been issued in the area by the appropriate authorities, to sell milk under special designations:—

**(1) TUBERCULIN TESTED AND ACCREDITED MILKS.**

(a) Licence in respect of establishment at which T.T. Milk is sold but not produced or bottled	1
(b) Licence in respect of premises at which Accredited Milk is produced	5

**(2) PASTEURISED MILK.**

(a) Licence in respect of establishment in which process of pasteurisation is carried on	2
(b) Licence in respect of shops or from which pasteurised milk is sold but where process of pasteurisation is not carried on	5

During the year 18 samples of milk were collected for examination for Tubercle Bacilli. In each case the Bacillus was absent.

16 samples of Pasteurised milk were taken of which 14 were satisfactory and 2 unsatisfactory. In addition 15 samples of ungraded milk were taken of which 10 were satisfactory, and 5 unsatisfactory. A further sample was examined for the detection of the Para-typhoid Bacilli, but this sample proved satisfactory.

(b) **Ice-cream.**

The following number of premises in the area are registered for the sale or manufacture and sale of ice-cream.

(i) For manufacture for purposes of sale of ice-cream	23
(ii) For sale of ice-cream	43

During the year 128 visits were made to ice-cream premises in the area. The standard of premises used for the manufacture of ice-cream has shown steady improvement separate rooms being provided for the purpose and plant for the heat-treatment of the ice-cream being provided.

(c) **Meat and Other Foods.**

The following foodstuffs were surrendered as unsound at various shops in the area during the year :—

	<i>lbs. ozs.</i>
1,307 lbs. Home-killed Beef	1307 0
492 1/2 lbs. Imported Beef	492 8
697 lbs. Home-killed Lamb	697 0
129 lbs. Imported Mutton	129 0
5 1/2 lbs. Imported Ox Kidney	5 8
85 lbs. Lamb Livers	85 0
60 lbs. Rabbits	60 0
698 lbs. Fish (Cod, Dab, Megrim, Bream, Turbot, Haddock, Kippers)	698 0
91 lbs. 14 ozs. Bacon	91 14
18 lbs. Corned Beef	18 0
6 lbs. Black Pudding	6 0
420 lbs. Flour (Baked with Bread)	420 0
79 lbs. Bread	79 0
100 lbs. Cooking Fat	100 0
5 Bags Potatoes	500 0
104 Tins Meat (various)	121 13
18 Tins Bacon	26 8
1 Tin Sausage	1 11
167 lbs. Dried Fruit (Dates, Figs, Prunes)	167 0
116 Tins Vegetables and Soups	132 9
48 Tins Fruit (various)	73 0
10 Tins Fish	8 15
46 Tins Milk	40 1
34 1/2 lbs. Cheese	34 4
44 1/2 lbs. Sponge and Pudding Mixtures	44 8
36 Jars Pickles	23 12
7 lbs. Tea	7 0
19 Tins Coffee	5 4
2 Jars Syrup	4 0
2 Packets Wheat Flakes	1 0
2 Jars Salad Dressing	2 0
19 lbs. Boiled Sweets and Chocolates	19 0
TOTAL	5331 3

= 2 Tons 7 Cwts. 67 lbs. 3 ozs.

**VI.—PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.**

The following table gives a comparison of the number of cases of Infectious Diseases notified during 1947 and 1948 :—



Year.	Scarlet Fever.	Diphtheria	Cerebro-Spinal Fever	Whooping Cough	Puerperal Fever	Ophthalmia Neonatorum	Erysipelas	Pneumonia	Measles	Enteric Fever.
1947	49	41	2	43	1	0	4	67	534	0
1948	191	22	0	101	1	1	5	57	23	1

During the year 92 specimens were examined with the following results :—

Nature of Specimen.	Number Examined	Results.	
		Positive.	Negative.
Swab ? Diphtheria	89	1	88
Sputum ? T.B.	1	0	1
Blood for Enteric	1	0	1
Faeces for Dysentery	1	0	1

**Scarlet Fever.**—There were 191 cases notified during the year. There were no deaths. The attack-rate was 4.63 per 1,000 of the population.

**Diphtheria.**—There were 22 cases notified during the year and no deaths. The attack-rate was 0.53 per 1,000 of the population. There was 1 death.

**Whooping Cough.**—There were 101 cases of Whooping Cough notified during the year. There were no deaths. The attack-rate was 2.69 per 1,000 of the population.

**Pneumonia.**—There were 57 cases of Pneumonia notified during the year and 14 deaths. The attack-rate was 1.38 per 1,000 of the population and the death-rate was .34.

**Erysipelas.**—There were 5 cases notified during the year. The attack-rate was 0.12 per 1,000 of the population.

**Measles.**—There were 23 cases notified during the year. The attack rate was 0.56 per 1,000 of the population. There was 1 death.

#### Notifiable Diseases (other than Tuberculosis).

The following table gives the incidence of Notifiable Infectious Diseases in the area during the year 1948, together with the number of cases admitted to Hospital and the number of deaths :—

Diseases.	Total Cases Notified.	Cases Admitted to Hospital	Total Deaths.
Smallpox	0	0	0
Scarlet Fever	191	—	0
Diphtheria	22	22	1
Enteric Fever (including Paratyphoid)	1	1	0
Puerperal Fever	0	0	0
Pneumonia	57	0	14
Erysipelas	5	—	0
Encephalitis Lethargica	0	0	0
Acute Poliomyelitis	1	1	0
Puerperal Pyrexia	1	—	—
Cerebro-Spinal Fever	0	0	1
Ophthalmia Neonatorum	1	—	0
Whooping Cough	101	0	0
Measles	23	0	1
Dysentery	0	0	0
Malaria (contracted abroad)	0	0	0

The Table given below shows the age distribution of notified Infectious Diseases :—

Diseases	All Ages	Under 1 yr.	1-	2-	3-	4-	5-	10-	15-	25-	35-	45-	65 & over.
Scarlet Fever	191	0	3	12	16	14	96	39	7	3	1	0	0
Diphtheria	22	0	0	2	0	3	1	3	5	4	3	1	0
Pneumonia	57	9	9	6	0	4	11	0	1	6	3	8	1
Erysipelas	5	0	0	0	0	0	0	0	0	0	1	2	2
Cerebro-Spinal Fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping Cough	101	6	16	12	15	20	30	2	0	0	0	1	0
Measles	23	2	2	6	3	4	5	1	0	0	0	0	0
Poliomyelitis	1	0	0	0	0	0	1	0	0	0	0	0	0
Puerperal Pyrexia	1	0	0	0	0	0	0	0	1	0	0	0	0

#### Number of Deaths.

The following Table shows the number of deaths from Infectious Diseases during the year as well as age-distribution :—

Diseases	All Ages	Under 1 yr.	1-	2-	3-	4-	5-	10-	15-	25-	35-	45-	65 & over.
Pneumonia	14	5	—	—	—	—	1	—	—	—	1	1	6
Diphtheria	1	—	—	—	—	1	—	—	—	—	—	—	—
Measles	1	1	—	—	—	—	—	—	—	—	—	—	—

The following Table shows the incidence of Scarlet Fever, Diphtheria, Enteric Fever, Erysipelas, Cerebro-Spinal Fever, Whooping Cough and Measles during recent years :—

Year	Scarlet Fever	Diphtheria	Enteric Fever	Erysipelas	Cerebro-Spinal Fever	Whooping Cough	Measles
1939	1.06	2.40	0.08	0.23	—	—	—
1940	0.40	2.30	0.00	0.30	—	—	—
1941	0.94	2.45	0.02	0.14	0.57	2.05	17.36
1942	3.33	2.67	0.00	0.12	0.20	1.77	9.35
1943	1.63	3.16	0.00	0.17	0.02	3.59	6.98
1944	3.74	1.67	0.00	0.20	0.02	1.45	6.35
1945	2.75	1.49	0.00	0.17	0.00	0.60	7.68
1946	1.69	1.32	0.02	0.22	0.00	1.52	0.77
1947	1.22	1.02	0.00	0.09	0.05	1.07	13.25
1948	4.63	0.53	0.02	0.12	0.00	2.69	0.56



The following Table gives the Parish Distribution of cases of Infectious Diseases notified during the year :—

	Scarlet Fever	Diph- theria	Puer- monia (all forms)	Erysip- elas	Whoop- ing Cough	Measles	Dysen- tery	Para- typhoid	Puerp- eral Pyrexia	Puerp- eral Fever	Tuberculosis	
											Pulmon- ary	Non- Pulmon- ary
<b>DULAIS VALLEY :</b>												
Parish of Dulais Higher	85	9	0	1	0	0	0	0	0	0	16	2
Parish of Dulais Lower	4	3	0	0	0	0	0	0	0	0	3	0
Total	89	12	0	1	0	0	0	0	0	0	19	2
<b>NON-TIDAL PORTION OF NEATH VALLEY :</b>												
Parish of Rhigos	7	0	1	0	0	1	0	0	0	0	4	1
Parish of Neath Higher	19	0	3	2	0	0	0	0	0	0	5	3
Parish of Blaengwrach	0	1	0	0	0	0	0	0	0	0	2	1
Parish of Resolven	28	3	2	1	0	1	0	1	0	0	4	0
Parish of Neath Lower	1	0	0	0	0	3	0	0	0	0	3	0
Parish of Clyne	7	1	1	0	1	1	0	0	0	0	1	0
TOTAL	62	5	7	3	1	6	0	1	0	0	19	5
<b>TIDAL PORTION OF NEATH VALLEY :</b>												
Parish of Tonna	3	0	0	0	0	0	0	0	0	0	2	1
Parish of Blaenhoddan	15	0	1	0	0	1	0	0	0	0	8	0
Parish of Dyffryn Clydach	2	0	14	0	23	2	0	0	0	0	3	1
Parish of Coedfranc	17	2	35	1	76	14	0	0	1	0	20	5
TOTAL	37	2	50	1	99	17	0	0	1	0	33	7
<b>AFAN VALLEY :</b>												
Parish of Baglan Higher	0	1	0	0	0	0	0	0	0	0	0	0
Parish of Michaelstone Higher	3	2	0	0	1	0	0	0	0	0	0	0
TOTAL	3	3	0	0	1	0	0	0	0	0	0	0
TOTAL OF ALL PARISHES	191	22	57	5	101	23	0	1	1	0	71	14

**Diphtheria Immunisation.**

The work of immunisation was continued during the period 1st January to 5th July, 1948, when the following number of children were immunised :—

Age at Date of Final Injection.		Total under 15.
0—4 years	5—15 years	
319	18	337

Immunisation work was made a responsibility of the Glamorgan County Council as from 5th July, 1948.

(b) **Tuberculosis.**—The following Table shows particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1948 :—

Age Periods	New Cases Notified.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
0 Year to 1 Year	0	0	0	0	0	0	1	0
1 Year to 5 Years	0	0	2	0	0	0	0	0
5 Years to 10 Years	2	2	3	0	1	0	1	0
10 Years to 15 Years	2	2	1	1	0	0	0	0
15 Years to 20 Years	6	6	0	0	1	1	0	0
20 Years to 25 Years	5	14	0	2	1	1	0	0
25 Years to 35 Years	8	9	0	1	2	4	0	0
35 Years to 45 Years	4	2	0	1	3	0	0	0
45 Years to 55 Years	3	3	1	0	1	0	0	0
55 Years to 65 Years	3	0	1	0	2	1	0	0
65 Years and upwards	0	1	0	0	2	2	0	0
Totals	33	39	8	5	13	9	2	0

The death-rates from Tuberculosis (since 1938) are shown in the following Table :—

	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
General Death-rate	11.2	12.0	11.4	12.7	11.7	11.1	10.6	11.5	11.2	11.7	10.3
Pulmonary Tuberculosis	0.59	0.46	0.68	0.52	0.53	0.66	0.63	0.53	0.45	0.39	0.53
Tuberculosis (Other Forms)	0.12	0.05	0.17	0.27	0.12	0.13	0.18	0.12	0.15	0.15	0.05
Tuberculosis (All Forms)	0.71	0.51	0.85	0.79	0.65	0.79	0.81	0.65	0.60	0.54	0.58









