

[Report 1954] / Medical Officer of Health, Penybont R.D.C.

Contributors

Penybont (Wales). Rural District Council.

Publication/Creation

1954

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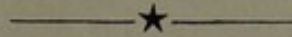


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PENYBONT
RURAL DISTRICT COUNCIL.



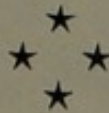
REPORT

OF THE

Medical Officer
of Health

FOR THE YEAR

1954



PORT TALBOT :
D. W. Jones (Printers) Ltd.
94461





PENYBONT
RURAL DISTRICT COUNCIL



REPORT

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PENYBONT RURAL DISTRICT COUNCIL.



Chairman of the Public Health Committee:

Councillor L. W. BAILEY, J.P.

Staff.—Public Health Department.

J. ALUN EVANS, M.R.C.S. (Eng.), L.R.C.P. (Lond.),
D.P.H., Medical Officer of Health.

Joint appointment with Bridgend Urban District Council
and Porthcawl Urban District Council.

ALUN WILLIAMS, C.R.S.I., M.S.I.A., Senior Sanitary
Inspector and Inspector of Meat and Other Foods.

GRAHAM REES, B.Sc., C.R.S.I., M.S.I.A., Additional
Sanitary Inspector and Inspector of Meat and Other Foods.

D. J. BATTRICK, C.R.S.I., M.S.I.A., Additional Sanitary
Inspector and Inspector of Meat and Other Foods.

WILLIAM LEYSHON, Rodent Operative.

RITA M. PHILLIPS, Clerk.

**To The Chairman and Members of the
Penybont Rural District Council**

Sir, Ladies and Gentlemen,

I beg to submit the Annual Report on the Health and Sanitary conditions of the Rural District of Penybont for the year 1954. This Report has been prepared on the lines laid down in Circular 28/54 (Wales) of the Welsh Board of Health.

Area of the Rural District	41,212 acres.
Rateable Value, March 1954	£132,893
Product of a Penny Rate	£491/3/8
Registrar General's estimate of population—	
Mid 1954	35,150

Census Population Figures—

Census 1911	22,324	
Census 1921	27,710	
Census 1931	29,209	Males 14,972 Females 14,237
Census 1951	35,063	Males 18,007 Females 17,056
Censal Increase 1931-1952	5,854	
Censal Increase percentage of 1931 population	20.0	
Number of inhabited houses, 1921	5,832	
Number of inhabited houses, end 1954	9,166	

Extracts from Vital Statistics—

Live Births—	Total.	Male.	Female
Total Births	554	303	251
Legitimate	543	299	244
Illegitimate	11	4	7
Still Births	22	12	10
Legitimate	20	11	9
Illegitimate	2	1	1
Deaths: Under 1 year of age...	25	15	10
Legitimate	25	15	10
Illegitimate	—	—	—
Deaths: Under 4 weeks of age	13	9	4
Illegitimate	13	9	4
Illegitimate	—	—	—

Death Rate of Infants under 1 year of age:—	
All infants per 1,000 live births	41.5
Legitimate infants per 1,000 legitimate births	46.
Illegitimate infants per 1,000 illegitimate births	—
Death Rate of Infants under 4 weeks of age:—	
All infants per 1,000 live births	23.4
Legitimate infants per 1,000 legitimate births	23.9
Illegitimate infants per 1,000 illegitimate births	—
Deaths from Cancer (all ages)	51
Deaths from Measles (all ages)	—
Deaths from Whooping Cough (all ages)	2
Deaths from Diarrhoea (under 2 years of age)	3

GENERAL HEALTH AND WELFARE SERVICES.

1.—Services provided by the Glamorgan County Council:—

- a. At the Divisional Health Office, Quarella Road, Bridgend (Tel. No.: Bridgend 700), the following services are provided:—
 - Maternity and Child Welfare, Home Nursing, Home Help, School Medical and Health Visiting.
 - These services are administered by the Divisional Medical Officer.
- b. Mental Health Service:—
 - The duties of the duly authorised Officer in your area are carried out by Mr. T. J. Jones, 29 Bradfield Road, Bridgend. Tel. No. Bridgend 507.
- c. Ambulance Service:—
 - The ambulance station for your area is situated at Oak Street, Aberkenfig (Tel. No.: Aberkenfig 303).
- d. Welfare Service:—
 - The local office for this service is at the Divisional Health Office, Quarella Road, Bridgend (Tel. No.: Bridgend 700). Officers of the Welfare Department are available to offer assistance and advice to those in need of hostel accommodation, the blind and the handi-capped.
- e. Childrens' Department:—
 - The office of the Childrens' Department of the County Council is at the County Hall, Cardiff, working in your area, however, there are two Childrens' Visitors, Miss B. N. Parry, 'The Vines', Minerva Street, Bridgend and Miss Fox, 12 Brynteg Avenue, Bridgend.

2.—Hospital Services.

Hospital facilities for your area are administered by the Mid-Glamorgan Hospital Management Committee. The office of this

Committee is at 8, Wind Street, Neath (Tel. No.: Neath 2251/3.)
The following is a list of the hospitals and clinics used by the residents of your area:—

- (i) Bridgend General Hospital, Quarella Road, Bridgend (Tel. No.: Bridgend 1016/8) 381 beds
- (ii) Bridgend and District Cottage Hospital, Merthyr-mawr Road, Bridgend (Tel. No.: Bridgend 17) 36 beds
- (iii) Cefn Hirgoed Isolation Hospital, Bridgend (Tel. No.: Bridgend 1178) 78 beds
(24 for Infectious Diseases; 54 for Tuberculosis).
- (iv) Heddfan, Cefn Hirgoed Small Pox Hospital, Bridgend (Tel. No.: Aberkenfig 240). 18 beds for Aged Persons.
- (v) Bridgend Chest Clinic, Old Cottage Hospital, Bridgend (Tel. No.: Bridgend 345).
- (vi) V.D. Clinic, Oakwood Street, Port Talbot.

3.—Services provided by Government Departments:—

a. Ministry of National Insurance.

(i) Central and Eastern Area:—

Main Office—Queens Road, Trading Estate, Bridgend (Tel. No.: 151 and 90).
Full Caller Office—Adare Street, Bridgend (Tel. No.: 758).

These offices serve the following areas in the Penybont Rural District:—

Aberkenfig, Tondu, Bryncethin, Brynmenyn, Cefn Hirgoed, Coity, Heolycyw, Pencoed, Wick, Southerndown, Ogmores-by-Sea, Ewenny and Cefn Cribbwr.

(ii) The office for the Western area of your district is situated at—

The Central Buildings, 57, Mary Street, Porthcawl (Tel. No.: 582).

This office serves the following areas in the Penybont Rural District:—

Stormy Down, Cornelly, Kenfig, Kenfig Hill and Pyle.

Cases in receipt of benefit referred by this Department to the Welsh Board of Health, are examined by their Divisional Medical Officer at the Chest Clinic, Old Cottage Hospital, Bridgend. Medical Boards for the

examination of claimants to disablement benefits under the National Industrial Injury Act, are held each Wednesday in the Clinic, Glanogwr, Bridgend.

b. **National Assistance Board**

The area office for your district is at the Agricultural Hall, Quarella Road, Bridgend (Tel. No.: 386).

To assist residents in the Western part of your area a Supplementary Station in the Central Buildings, Mary Street, Porthcawl, is open each week on Wednesday 2—3 p.m., and Friday 10—12 a.m.

It is pleasing to note that negotiations have been completed for the erection of a large block of offices, which in the future will house the officers of the Ministry of National Insurance, National Assistance Board and the Ministry of Labour.

4.—General Practitioner Services.

This service is provided by the Glamorgan Executive Council, 47, Park Place, Cardiff. (Tel. No. 26216).

5.—Laboratory Facilities.

All bacteriological and chemical analyses relating to water, milk and ice cream are carried out for your area by the Glamorgan County Public Health Laboratory, The Parade, Cardiff.

6.—Schools.

During the year a detailed inspection of the toilet facilities, water supplies, etc., of the schools in your area was carried out by the Sanitary Inspectors.

Details of these inspections are to be found, in a tabulated form, in this Report.

Care of the Aged.

During the year, my services were sought by several General Practitioners, the National Assistance Board and the Bridgend General Hospital, to investigate the home conditions, etc., of elderly patients who were in need of hospital accommodation.

National Assistance Act, 1948.


(a) *Section 50—Burial of the Dead.*

During the year the cost of burying two persons was accepted by your Council.

The total amount expended under this Section of the Act was £28/16/3.

PARTICULARS OF SCHOOLS, 1954.

SCHOOL	Number on Register	Water Supply	Heating	Classroom and Working Facilities	Client Accommodation and	REMARKS
DEOLACHY 1 Junior Infants 1 Primary School	200 71 Girls 71 Boys	Main	Central	Wash-hand basins for boys and girls, 5 for each sex, adequate soap provided.	4 w.c.'s for boys and girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
AHERNSPARK 1 Boys' Infants 1 Boys' Primary School	188 57 Girls 53 Boys	Main	Central	Wash-hand basins supplied with cold water only.	4 w.c.'s and 2 urinals for boys. 3 w.c.'s for girls. Drained to sewer.	W.H.M. maintained. No hot water supply to wash-hand basins. Provision made for meals.
S. N. Roberts Brosses Catholic School (St. Mary's)	250	Main	Central	3 wash-hand basins for boys, 3 wash-hand basins for girls, 1 wash-hand basin for staff.	3 w.c.'s and 2 urinals for boys. 2 w.c.'s for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
TONDUR 1 Junior Girls' School	205	Main	Central	Adequate, with 6 wash-hand basins, 4 for staff.	12 w.c.'s. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Junior Boys' School	200	Main	Central	Adequate, with 6 wash-hand basins, 4 for staff.	3 w.c.'s and 2 urinals. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
3 Infants' School	80	Main	Central	Adequate, with 4 wash-hand basins.	3 w.c.'s and 2 urinals. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
WICK Junior Mixed and Infants	80	Main	Open Pans	Adequate, with 2 wash-hand basins for boys and 2 for girls.	2 w.c.'s for boys. 2 w.c.'s for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
FINSCORD 1 Primary School	178 182 Girls 183 Boys	Main	Central	Adequate, with 4 wash-hand basins for boys and 3 for girls, also 1 w.c. for staff in Science w.c. basin in Woodwork room.	3 w.c.'s for girls. 3 w.c.'s for boys. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Junior Mixed School	354 174 Boys 154 Girls	Main	Central	Adequate, with 5 wash-hand basins for girls and 4 for boys.	6 w.c.'s for boys. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
3 Infants' School	200	Main	Central	Adequate, with 4 wash-hand basins.	3 w.c.'s for boys. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
COFFIN 1 Junior Mixed & Infants	230 71 Girls 75 Boys	Main	Open Pans	Adequate, with 4 wash-hand basins for girls and 2 for boys.	3 w.c.'s and 2 urinals for boys. 2 w.c.'s for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Liskard Junior Mixed & Infants	210 120 Boys 130 Girls	Main	Central	Adequate, with 11 wash-hand basins for girls and 11 for boys.	11 w.c.'s for girls. 11 w.c.'s for boys. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
BRINCETHIN 1 C.P. Secondary School	245	Main	Central	Adequate, with 6 wash-hand basins for girls and 6 for boys.	11 w.c.'s for girls and 11 for boys. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Infants' School	100	Main	Central	Adequate, with 2 wash-hand basins for boys and 3 for girls.	2 w.c.'s for boys and 2 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
ROBYNS 1 Junior Mixed & Infants	210 246	Main	Central	Adequate, with 3 wash-hand basins for boys and 3 for girls, 1 for staff in the permanent building.	10 w.c.'s for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
COCHUICH 1 Junior Mixed & Infants	80	Main	Open Pans	Adequate, with 2 wash-hand basins for boys and 3 for girls.	3 w.c.'s for boys and 3 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
CHAMBERLAIN 1 Junior Mixed & Infants	210 82 Girls 90 Boys	Main	Central	Adequate, with 3 wash-hand basins for boys and 3 for girls.	3 w.c.'s for boys and 3 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
LLANGWYDA C.P. Secondary School	284 22 Boys 199 Girls	Main	Central	Adequate, with 6 wash-hand basins for boys and 6 for girls.	6 w.c.'s for boys and 6 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
S. BRIDGES MAJOR 1 Junior Mixed & Infants	119	Main	Open Pans	Adequate, with 3 wash-hand basins for boys and 3 for girls.	3 w.c.'s for boys and 3 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
DEWENNA 1 Junior Mixed & Infants	37	Main	Open & Shut	Adequate, with 2 wash-hand basins for girls, none for boys.	2 w.c.'s for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
PTLE 1 Junior Mixed & Infants	312	Main	Central	Adequate, with 8 wash-hand basins for boys and 8 for girls, 2 for staff.	8 w.c.'s for boys and 8 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
GLEN CHERROW 1 Junior Mixed	310	Main	Open Pans	Adequate, with 3 wash-hand basins for children and 1 for staff.	3 w.c.'s for girls, 1 w.c. for staff. 3 w.c.'s for boys. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Infants' School	126	Main	Open Pans	Adequate, with 3 wash-hand basins for boys and 2 for girls.	3 w.c.'s for boys and 2 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
LALESTON 1 Junior Mixed & Infants	270	Main	Central	Adequate, with 15 wash-hand basins for girls and infants and 5 for boys.	15 w.c.'s for girls and 5 for boys. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Reception Infants	160	Main	Shower	Adequate, with 11 wash-hand basins for children and staff.	11 w.c.'s for children and staff. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
PENYFA 1 Junior Mixed & Infants	104	Main	Open Pans	Adequate, with 2 wash-hand basins for boys and 2 for girls.	2 w.c.'s for boys and 2 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
CORNELLY 1 Junior Mixed & Infants	300	Main	Open Pans & Shutters	Adequate, with 2 wash-hand basins for boys and 2 for girls, 1 for staff and 1 for staff.	2 w.c.'s for boys and 2 for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
KENIG HILL 1 C.P. Sec.	240	Main	Central	Adequate, with 8 wash-hand basins for boys and 8 for girls, 2 for staff in shower bath for boys and 2 wash-hand basins for staff.	8 w.c.'s for boys, 4 w.c.'s for girls, 2 w.c.'s for staff and 2 w.c.'s for staff. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Mixed Catholic Primary	250	Main	Open Pans & Shutters	Adequate, with 3 wash-hand basins for boys, 2 for girls and 1 for staff.	3 w.c.'s for boys, 2 w.c.'s for girls, 1 w.c. for staff. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
1 Mixed Catholic Infants	230	Main	Central	Adequate, with 2 wash-hand basins for boys and 2 for girls, 1 for staff.	2 w.c.'s for boys and 2 for girls, 1 w.c. for staff. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
1 Boy's Junior Mixed & Infants	324	Main	Open Pans	Adequate, with 3 wash-hand basins for boys, 3 for girls and 1 for girls.	3 w.c.'s for boys and 3 for girls, 1 w.c. for girls. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
BRAYBURN 1 C.P. Private School	28 15 boys 13 girls	Main	Central	Adequate, with 2 wash-hand basins for boys and 2 for girls, 1 for staff and 1 for staff.	2 w.c.'s for boys and 2 for girls, 1 w.c. for staff and 1 w.c. for staff. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
NURSERY SCHOOLS 1 Preschool	35	Main	Coal Stove	Adequate, with 4 wash-hand basins.	3 w.c.'s and 1 w.c. for staff. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
2 Abertawe	32	Main	Shower	Adequate, with 4 wash-hand basins.	3 w.c.'s and 2 urinals. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.
3 Mixed Catholic	60	Main	Shower	Adequate, with 3 wash-hand basins for children, 1 for staff and 1 for staff.	3 w.c.'s for children, 1 w.c. for staff and 1 w.c. for staff. Drained to sewer.	No hot water supply to wash-hand basins. Provision made for meals.



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- (b) *Removal to suitable premises of persons in need of care and attention.*

No action was taken by the Council under Section 47 of the Act during the year.

Six persons, however, were found to be in need of care and attention, and were persuaded to voluntarily enter Hospitals or Hostels.

Tuberculosis.

Facilities for the diagnosis, home and clinic treatment of Tuberculosis are obtained through Dr. Hugh Trail, Chest Physician, Old Cottage Hospital, Bridgend (Tel No.: Bridgend 345). In this work he is assisted by an assistant Chest Physician. The Chest Physicians are also responsible for the medical treatment of the cases of Pulmonary Tuberculosis at the Cefn Hirgoed Isolation Hospital.

The incidence of Tuberculosis in your area remains somewhat stationary.

In recent years with the discovery of streptomycin, great progress has been made in the cure of this disease. In order to obtain the maximum benefit of this recent discovery it is important that the disease be diagnosed in its early stages. In the field of prevention facilities are available at the Chest Clinic for the vaccination of susceptible contacts. The use of the Mass Radiography Unit is another weapon assisting in the conquest of this disease.

It is a pleasing thought that in the not too distant future Tuberculosis will probably become as rare as Diphtheria is today.

(a) New Cases and Mortality during 1954.

Particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1954.

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0—				1				
1—	2	1	2	1				
5—	3	4	3	2				
15—	4	2	1	3		1		
25—		4	1			1		1
35—	4	2			1	2		
45—	3		1		3			
55—	2				5			
65 and upwards	3				1		1	
Totals	21	13	8	7	10	4	1	1

(b) Cases Transferred to Register from other Areas during 1954.

<i>Pulmonary.</i>			<i>Non-Pulmonary.</i>			<i>Pulmonary and Non-Pulmonary</i>
<i>M.</i>	<i>F.</i>	<i>Total</i>	<i>M.</i>	<i>F.</i>	<i>Total</i>	<i>Total</i>
5	11	16	2	1	3	19

(c) Number of Cases on Tuberculosis Register at commencement of the Year.

<i>Pulmonary.</i>			<i>Non-Pulmonary.</i>			<i>Pulmonary and Non-Pulmonary</i>
<i>M.</i>	<i>F.</i>	<i>Total</i>	<i>M.</i>	<i>F.</i>	<i>Total</i>	<i>Total</i>
130	115	245	38	45	83	328

(d) Number of Cases on Tuberculosis Register at end of Year.

<i>Pulmonary.</i>			<i>Non-Pulmonary.</i>			<i>Pulmonary and Non-Pulmonary</i>
<i>M.</i>	<i>F.</i>	<i>Total</i>	<i>M.</i>	<i>F.</i>	<i>Total</i>	<i>Total</i>
135	128	263	39	44	83	346

**NOTIFICATION OF TUBERCULOSIS DURING 1954
AND THE PREVIOUS TWENTY YEARS.**

<i>Year</i>	<i>CASES</i>			
	<i>Pulmonary</i>		<i>Non-Pulmonary</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
1934	32	35	8	5
1935	31	24	8	10
1936	19	15	5	9
1937	17	17	3	11
1938	11	15	11	13
1939	13	17	11	10
1940	13	9	7	10
1941	23	12	8	11
1942	20	25	6	8
1943	15	25	14	19
1944	14	18	18	15
1945	21	18	11	16
1946	17	15	17	11
1947	35	20	13	9
1948	21	18	11	11
1949	25	26	10	9
1950	29	19	6	9
1951	27	18	9	8
1952	26	26	4	4
1953	24	17	3	9
1954	21	13	8	7

**DEATHS FROM TUBERCULOSIS DURING 1954
AND PREVIOUS TWENTY YEARS.**

Year	D E A T H S			
	Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.
1934	9	13	3	1
1935	8	12	—	3
1936	7	7	2	3
1937	7	10	1	1
1938	3	6	—	2
1939	2	8	—	—
1940	10	10	—	2
1941	5	7	—	—
1942	14	3	2	1
1943	10	11	1	3
1944	4	9	5	2
1945	16	11	10	2
1946	5	12	2	2
1947	12	3	—	—
1948	13	5	—	1
1949	9	2	1	3
1950	9	5	3	1
1951	4	2	1	3
1952	5	—	1	—
1953	8	5	—	1
1954	10	4	1	1

SANITARY CONDITIONS OF THE AREA.

1.—Water.

The Mid-Glamorgan Water Board, established in 1920, and functioning since 1st January, 1921, supplies the water consumed in your district.

Bacteriological and chemical analysis of 13 samples of water were submitted to the Public Health Laboratory, Cardiff. Reports on treated water were uniformly satisfactory. In addition, daily tests for free chlorine were taken by the Mid-Glamorgan Water Board at all Treatment Plants.

Chemical analysis of samples of water from the 14 sources, combination of which supply the Penybont Rural district disclosed the same results for treated water as for previous years—a soft water from the Upland sources, and a hard water from the Schwyll source at Merthyr-mawr.

The Board's bye-laws prohibit the use of lead pipe, and in one source with water liable to plumbo-solvent action, soda ash treatment is given. This latter source supplies only a few properties in the Penybont Rural District.

During the year under review there have been no new sources of supply.

The following extensions to Mains were made during the year 1954:—

- Llangynwyd No. 3 Housing Site—308 yds. of 3-inch C.I. mains
- North Cornelly No. 5 Housing Site—73 yds. ditto.
- North Cornelly No. 5 Housing Site—164 yds. of 4-inch C.I. mains.
- Island Farm Housing Site—32 yds. of 4-inch C.I. mains.
- Heol Gadlys, Litchard—60 yds. of 3-inch C.I. mains.
- Wimbourne Road, Pencoed—560 yds. of 3-inch C.I. mains.
- Velindre Road, Pencoed—187 yds. of 3-inch C.I. mains.

The following are the numbers of houses without a proper piped supply in the various parishes:—

Coity Higher	26
Coychurch Higher	33
Coychurch Lower	—
Ewenny	4
Kenfig	7
Laleston	2
Llangynwyd Lower	11
Llangynwyd Middle	20
Merthyr mawr	5
Newcastle Higher	9
Pencoed	11
Pyle	3
St. Brides Major	14
St. Brides Minor	23
Sker	—
Tythe gston Higher	14
Tythe gston Lower	3
Wick	4
Ynysawdre	—
Total	189

Proportion of dwelling houses without a proper piped supply of water = 2.06%.

Particulars of the proportion of dwelling houses and the proportion of the population supplied from the public water mains:—

(1) Dwelling houses—	
(a) Direct to houses	97.68%
(b) By means of stand-pipes26%
(2) Population—	
(a) Direct to houses	97.68%
(b) By means of stand-pipes26%

2.—Rivers and Streams.

The chief rivers in the district are the Llynfi, Ogmore and Ewenny rivers.

Before entering your district, the River Ogmore receives the colliery washings of the Ogmore Valley and a large tributary which drains the Garw Valley. This river also receives sewage effluent from the Ogmore and Garw Urban District Council's Sewage Farm at Brynmenyn.

The Llynfi river rises in the Maesteg Valley and receives colliery washings from pits in that area. It also receives sewage effluent from the Maesteg Urban District and sewage effluent from your Council's works at Troedyrhiwgarth. The Llynfi joins the Ogmore at Aberkenfig, passes through the town of Bridgend, again enters your district, is joined by the Ewenny at Merthyr-mawr, and discharges into the Bristol Channel at Ogmore-by-Sea.

The Ewenny river drains the Eastern portion of your district. Prior to entering your district, this river receives the colliery washings from Llanharan and, later, within your district, washings from the Werntarw Colliery and also sewage effluent from your Council's works at Pencoed.

In view of the industrial nature of your district, these rivers must of necessity carry water which is blackish in colour and containing a fair amount of industrial waste.

3.—Wells and Springs.

The following Wells and Springs are still being used:—

- (1) Heol-lan Spring near Coity (3 houses).
- (2) Penyfai Common Spring (not used by house-holders).
- (3) Ty Grippwr Hill (not used by house-holders).
- (4) Park Slip Cottages Spring (still used by house-holders, though main in all houses).
- (5) Gilfach Cottages—Stream (4 houses).
- (6) Park Field Tycrudd and Drefach—Spring (4 houses).
- (7) Maes-y-der—Spring (2 houses).
- (8) Hendre—Spring (7 houses).
- (9) Waunwen—Well (1 house).
- (10) Derwen Goppa (4 houses).
- (11) Pant Mari Flanders—Well.
- (12) Pant Mari Flanders—Two Springs.
- (13) Green Isha—Two Wells.
- (14) Trepit—Well.
- (15) Corntown—Spring (not used by house-holder).

WELLS AND SPRINGS—*Continued.*

- (16) Corntown Court—Spring (not used by house-holder).
- (17) Penprysg—Spring (not used by house-holder).
- (18) Trebryn—Spring.
- (19) Perthcelyn—Spring.
- (20) Ffynnon Maen—Spring.
- (21) Llangewydd Road—Spring (not used by house-holder).
- (22) Cwmffoes Crossing—Spring.
- (23) Sker Farm—Well.
- (24)—New Road—Spring.
- (25) Ploryn Maudlam—Spring.

4.—Drainage and Sewerage.

The major part of your District is adequately sewered. Where there is an absence of sewers pail closets and cesspools are in use. Although plans have already been drawn out the schemes for the sewerage of the villages of Laleston, Coytrahen and Coity have not yet commenced.

During the year the existing Outfall Works at Llangynwyd and Cwmfelin were abandoned and the sewerage systems connected to the Maesteg Urban District Council's main sewer.

5.—Sewerage and Sewage Disposal.

The following extensions of sewers were made:—

- (a) At Fforddygyfraith.
- (b) At Greenfield, North Cornelly.
- (c) To the Heddfan Hospital, Cefn Hirgoed.
- (d) To the Kenfig Hill Secondary Modern School.

Of the 222 Council houses built during the year 209 were connected to sewers and 13 to cesspits.

6.—Closet Accommodation.

Particulars of conversion of pail or earth closets to water closets during the year:—

Number of conversions	37
(a) To sewers	31
(b) To cesspools	6

At the end of the year 1954, the number of closets were as follows:—

Water closets to sewer	8,847
Water closets to cesspools	861
Pail or earth closets	845

These figures do not include the two Mental Hospitals or the Smallpox Hospital, the Isolation Hospital or Government owned premises erected during the war.

For many years, your Council and the Health Department have stressed the urgent need for sewerage the village of Laleston.

The existing conditions continue to be most insanitary.

7.—Public Cleansing.

The Council has organised the collection of House and Trade Refuse throughout the district twice weekly.

8.—Cesspool Cleansing.

Four free cleansings are given to each cesspool per annum throughout the Penybont District, where necessary, and where further cleansings are required, a charge is made which varies to the size of the cesspool. It would be advisable, from a public health point of view, if cesspools could be cleansed free of charge when required. The Council now have two cesspool cleansing vehicles.

9.—Night Soil Removal.

This work is carried out by contract on a small scale in parts of the Parishes of Pyle and Llangynwyd Lower.

10.—Sanitary Inspection of the Area.

In accordance with Article 27 (Section 18) of the Sanitary Officers' Order (outside London) Regulations, the following is the Sanitary Inspector's tabulated statement:—

	No. of Inspections	Houses found										
		Informal Notices	Work Done	Work not Done	Work Progress	Statutory Notices	Work Done	Work not Done	Work Progress	Habitations for human unfitness	Demolition Orders made	Samples Collected
Public Health Acts	2829	276	193	48	35	48	46	—	—	—	—	—
Housing Acts:—												
1 Recorded Houses	54	15	14	1	—	—	—	—	23	—	—	—
2 Other Houses	909	81	46	9	23	9	—	—	—	23	—	—
3 New Houses	276	26	26	—	—	—	—	—	—	—	—	—
4 Overcrowding	3	3	1	—	—	—	—	—	—	—	—	—
Dairies, Milkshops	165	16	16	—	—	—	—	—	—	—	—	—
Slaughterhouses, Butchers Shops	325	21	19	—	2	—	—	—	—	—	—	—
Knackers' Yards	8	3	3	—	—	—	—	—	—	—	—	—
Factories, etc.	144	22	21	1	—	—	—	—	—	—	—	—
Schools	49	—	—	—	—	—	—	—	—	—	—	—
Cinemas	26	3	3	—	—	—	—	—	—	—	—	—
Petrol and Carbide Stores	136	66	60	4	2	—	—	—	—	—	—	—
Shops and Food Premises	369	9	6	3	3	—	—	—	—	—	—	—
Rats and Mice	492	—	423	—	—	—	—	—	—	—	—	—
Infectious Diseases:—												
1 Investigations	22	4	4	—	—	—	—	—	—	—	—	—
2 Fumigations	12	—	—	—	—	—	—	—	—	—	—	—
Drains Tested	815	49	49	—	—	—	—	—	—	—	—	—
Connections to Water Mains	291	4	—	4	—	4	—	—	—	—	—	13
Refuse Accumulations	163	29	29	—	—	—	—	—	—	—	—	129
Milk Supplies	—	—	—	—	—	—	—	—	—	—	—	—
Totals	7088	627	913	70	65	61	59	—	23	23	—	142

11.—Shops.

It was not found necessary during the year to serve notices under the provisions of the Shops Act, 1934, relating to ventilation, and the temperature of shops. The number of shops inspected was 369.

12.—Camping Sites.

- (1) The number of sites in the area which were used for camping purposes during 1954 was 8.
- (2) The number of camping sites in respect of which licences have been issued by the Local Authority, under Section 269 of the Public Health Act, 1936, is one.
- (3) The estimated maximum number of campers resident in the area at one time during the summer season, 1954 was 1,700.

Besides the above-mentioned sites, the Council possess a permanent Camping Site in Heronston Lane, which is utilised to assist the inadequately housed. The Camp was first used by the Council in September, 1950, and there is sufficient space for the siting of 30 Caravan/Trailers. The average number on the site during 1954 was 25.

It is under the care of a resident Warden and controlled by the Housing Manager of your Council.

Applications to site a caravan or trailer at this Camp must be made through the Council. The site possesses a good water supply, satisfactory water-carriage sewerage system, and is well illuminated by electricity.

Conditions for the Camp have been drawn up which regulate the type of caravan/trailer permitted.

The ground rent for each caravan/trailer is 7/8d. per week.

13.—Smoke Abatement.

No action was taken during the year with a view to the abatement of nuisance from smoke in the area.

14.—Swimming Baths and Pools.

There are no Swimming Baths or Pools in your district but the provision of such would be of great advantage to the inhabitants.

15.—Eradication of Bed Bugs.

(1) 1.—(a) The number of Council houses found to be infested was nine.

(b) The number of other houses found to be infested was four.

All the 13 houses were disinfested.

As in previous years the premises of all the applicants allocated Council houses or transferring Council houses were examined by the Sanitary Inspectors for cleanliness. Also all vacant Council houses were inspected for clearance certificates after being repaired.

16.—Rodent Control.

The cost of this service, to the Council, is subject to 50% grant from the Ministry of Agriculture and Fisheries.

A full-time rodent operator is employed by the Council for the destruction of rats throughout the district. All the complaints from private and business premises were attended to, the treatment being carried out free of charge in private premises but the cost of treatment at business and commercial premises was recovered.

The number of surface treatments carried out during the year was—423.

Private Premises	370
Council Properties	24
Business Premises	29

In addition to premises treated, investigations were made throughout the area as follows:—

Private premises	867
Council premises	11
Agricultural premises	72
Business premises	36

As directed by the Divisional Office of the Ministry of Agriculture and Fisheries, during the year two maintenance treatments in sewers were carried out in your district.

FACTORIES.

The factories in the district have been systematically inspected and the details as required by the Factory Act 1937 are set out in the table below.

1.—Inspections for purposes of provisions as to Health (including inspections made by Sanitary Inspectors).

Premises	Number on Register	Inspections	Number of— Written Notices	Occupiers Prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	5	8	—	—
Factories not included above in which Section 7 is enforced by the Local Authority	137	127	18	—
Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	10	9	3	—
Total	152	144	21	—

Factories.—Continued.

2.—Cases in which **DEFECTS** were found.

Premises	Number of cases in which defects were found—				Number of prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector	
Want of cleanliness (S.1)	7	7	—	2	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	1	1	—	1	—
Ineffective drainage of Floors (S.6)	2	2	—	—	—
Sanitary Conveniences (S.7)—					
(a) Insufficient	2	2	—	2	—
(b) Unsuitable or defective	6	6	—	1	—
(c) Not separate for sexes	1	1	—	1	—
Other offences against the Act (not including offences relating to Outwork)	3	2	—	2	—
Total	22	21	—	9	—

3.—**Outwork.**—During the year no outworkers were notified as residing in this district.

**RAG FLOCK AND OTHER FILLING MATERIALS
ACT, 1951.**

This Act came into force on the 1st November, 1951.

The following were granted renewal of their licences during the year:—

- 1.—Messrs. Christie-Tyler, Ltd., in respect of building at Bennet Street, Bridgend Trading Estate, Chair and Seat Manufacturers.
- 2.—Messrs. Western Upholstery, Ltd., in respect of building at Bennet Street, Bridgend Trading Estate, Chair and Seat Manufacturers.

HOUSING.

As is required by Article 31 of the Housing Consolidated Regulations 1925, the following are the particulars relating to Housing in your area:—

Number of Council owned Houses—

Temporary and Permanent	3113
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Number of New Houses erected during the year—

(a) Total [including numbers given separately under (b)]	287
(i) By the Local Authority:—	
(a) Permanent	222
(b) Temporary	Nil.
(ii) By other Local Authorities	25
(iii) By other Bodies or Persons	40
(b) With State Assistance under the Housing Acts—	
(i) By the Local Authority—	
(a) Under Slum Clearance	Nil.
(b) For other purposes	Nil.
(ii) By other Bodies or Persons	Nil.

1.—Inspection of Dwelling-Houses during the year—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts	2023
(b) Number of inspections made for the purpose.....	2829
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	54
(b) Number of inspections made for the purpose...	72

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	23
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	351

2.—Remedy of Defects during the year without Service of Formal Notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	283
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3.—Action under Statutory Powers during the year—

(a) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	9
(2) Number of dwelling-houses which were rendered fit after service of formal notices:—	
(a) By Owners	8
(b) By Local Authority in default of owners, the notices being served last year	1

(b) Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	48
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—	
(a) By Owners	46
(b) By Local Authority in default of Owners	Nil.

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made	2
(2) Number of houses for which undertakings accepted	16
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders	3

(d) Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	5
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined—the tenement or room having been made fit	1

4.—Housing Act, 1936—Overcrowding.

(a) (i) Number of dwellings overcrowded at the end of the year	37
(ii) Number of families dwelling therein	46
(iii) Number of persons dwelling therein	185
(b) Number of new cases of overcrowding reported during the year	153
(c) (i) Number of cases of overcrowding relieved during the year	118
(ii) Number of persons concerned in such cases	576
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil.

Demolition.

The help and assistance given during the year by the Demolition Survey Sub-Committee was greatly appreciated. This Sub-Committee was appointed to keep under constant review, houses that were scheduled as Category 5 under a recent Rural Housing Survey.

A priority list for demolition was drawn up and periodically reviewed according to the further deterioration that occurred in these properties.

In order to assist in proceeding with the demolition of the properties listed, the House Letting Committee has made available one in every seven new houses to persons occupying premises scheduled for demolition.

The following are the categories into which the houses are now classified:—

Category 1—Satisfactory	4,645
Category 2—Minor Repairs	2,584
Categories 3 & 4—Structural Alterations and Repairs and Re-conditioning	1,553
Category 5—Demolition	384

Demolition Orders or Closing Orders were made in respect of twenty-three properties during the year.

The Housing Repairs (Increase of Rent) Regulations, 1954.

These Regulations came into operation on the 30th August, 1954.

During 1954, eight applications for Certificates of Disrepair were received from tenants and six were granted. The two remaining were refused as the houses were considered to be in a reasonable state of repair.

Housing and Sanitary Improvements carried out during the year.

REPAIRS TO HOUSES.

1.—INTERIOR OF HOUSES—

1 Ceilings renewed or repaired	122
2 Staircases renewed or repaired	24
3 Floors renewed or repaired	66
4 Grates and ovens renewed or repaired	37
5 Defective plaster to walls made good	86
6 Doors and frames renewed or repaired	75
7 Windows and frames renewed or repaired	92
8 Properly ventilated food stores provided or repaired	29
9 Wash-up sinks provided or renewed	35
10 Defective hot water services renewed or repaired	12
11 Wash coppers provided or repaired	17
12 Skirting boards provided or renewed	41
	636

2.—EXTERIOR OF HOUSES—

13 Chimneys re-built or repaired	32
14 Roofs re-slatted or repaired	111
15 Walls cemented, or cemented and rough-casted	75
16 Down-pipes and gutters renewed or overhauled	103
17 Paved areas renewed or repaired	84
18 Washing accommodation provided or repaired	32
19 Defective sink waste pipes renewed	27
20 Ground abutting on walls removed	2
21 Walls re-pointed	25
	491

3.—SANITARY IMPROVEMENTS—

22 Yard gullies provided or renewed	120
23 Drains provided (no drains previously)	70
24 Defective drains repaired	19
25 New inspection chamber covers provided	106
26 Choked drains relieved	114
27 Cesspools provided or repaired	28
28 Drain vent shafts renewed or repaired	55
29 New w.c. pans fixed	79
30 Flush tanks to w.c.'s. installed or repaired	77
31 Water service to w.c.'s. renewed or repaired	33
32 Closet accommodations renewed or repaired	56
33 Conversion of pail closets to water closets	37
	794

4.—WATER SUPPLIES—

Defective service pipes renewed	7
Houses without a proper piped supply of water connected to mains	4
Outside water service taken into house	8
	19

5.—GENERAL—

Verminous houses cleansed	13
Rat infested premises dealt with	423
	436

Allocation of Council Houses.

The difficult housing conditions of the large number of families in your district brought many problems during the year, but every effort was made to give as much comfort in relief as possible.

Every medical certificate submitted by an applicant to the Housing Manager in support of the application was referred to me for report. Where the certificate indicated a severe medical condition, visits were made to the home in order that I could be acquainted with all the difficulties connected with the case.

Detailed reports on such cases were submitted monthly to the House Letting Committee, and where considered necessary, the Committee granted special medical priority.

During the year under review, forty-four applicants were rehoused, and many transfers effected owing to special medical need.

The erection of ten aged persons bungalows during the year enabled the Council to assist aged persons who were living in accommodation too large for them, or who were living with their children and required their own home.

The demolition of 27 wooden bungalows, 3 at Cribbwr Square and 24 at Albion Place, was welcome as these bungalows (erected after the first World War) were proving to be a constant source of worry to the Housing Manager.

I should like to take this opportunity of thanking the House Letting Committee and the Housing Manager for their co-operation and understanding of all the medical cases submitted, particularly so were Pulmonary Tuberculosis or severe Mental Disturbance was a prominent feature.

The following are the particulars of the Housing position as at the end of the year:—

1. Number of houses owned by the Council	2,875
2. Number of houses built by the Council from 1st January 1954 to 31st December 1954	222
3. Number of applicants granted Housing accommodation during the year:—	
(a) Normal points list and Clause IV "Excessive Overcrowding"	119
(b) Ill-health—List "B"	44
(c) Demolition	15
(d) Steel Company of Wales' lettings at Cornelly	60
(e) Keyworkers	9
(f) Aged Persons Bungalows	10
	<hr/>
Total Houses Let	257
	<hr/>

4. Number of applicants for houses as registered in:—

Towards the end of 1954 your Housing Manager circulated all the applicants on his register to ascertain whether they were still requiring accommodation by the Council. This up-to-date list showed a marked fall in the number that was previously registered in December 1953.

	31st Dec., 1953.	31st Dec., 1954.
Pyle Zone	1,160	501
Sarn Zone	860	450
Southern Zone	105	84
Pencoed Zone	429	210
Llangynwyd Zone	138	50
Totals	2,692	1,295

SECTION E.

Inspection and Supervision of Food.

(a) **Milk Supply.** During the year 113 samples of milk were taken and sent for examination. The results were as follows:—

<i>Grade.</i>	<i>Satisfactory</i>	<i>Unsatisfactory.</i>	<i>Total</i>
Pasteurised	61	2	69
Tuberculin Tested	21	—	21
Ungraded	16	7	23

Sixteen samples of milk were also examined for the presence of Tubercle Bacilli, one of these samples of ungraded milk was shown to contain tubercle organisms.

A notice was served on the producer prohibiting the sale of this milk in its raw state, and compulsory pasteurisation of the milk was readily accepted.

The occurrence was reported to the Divisional Veterinary Officer, who carried out the necessary examination of the herd for the detection of the disease.

During the year a report was also received that a sample of milk taken from the T.T. herd at the Morgannwg Hospital also showed a positive result.

As all the milk consumed in this hospital is from a pasteurised source, there was no danger that the disease would spread to the patients or staff. Action was immediately taken by the Divisional Veterinary Officer to inspect the herd and carry out group samples and submit group samples for examination.

In recent years, almost unnoticed, a revolutionary change has taken place in the distribution of milk.

The milk bottle has now taken the place of the old familiar milk-can and pint measure. This change is welcomed by the Public Health Department as it has relieved us of the problem of potential danger that in years gone by caused much anxiety and required constant supervision. This, together with the fact that almost all the milk now being consumed in your area is pasteurised, is a guarantee to the public that a very high degree of safety has been reached in milk distribution.

The public are not quite often aware of the care that is taken in the milk factories to ensure that the milk reaches the consumer in bottles that are sterile, free from foreign material or staining.

The distributors are indeed playing their part and are certainly entitled to expect that the milk bottles should not be misused when in the care of the consumer.

The following licences were granted by your Authority:—

Accredited or T.T. Milk (Dealer's Licence)	19
Pastuerised Milk (Dealer's Licence)	20
T.T. Pasteurised Milk (Dealer's Licence)	10
Sterilised Milk (Dealer's Licence)	2
Pasteurised Milk (Supplementary Dealer's Licence)	2
T.T. Pasteurised (Supplementary Dealer's Licence)	2
Sterilised Milk (Supplementary Dealer's Licence)	1
Ungraded Milk—Producer/Dealer	15
Ungraded Milk—Retailer	3
Channel Island Milk (Dealer's Licence)	3

There are also four Producer/Retailers in your area who were granted Accredited/Tuberculin Tested Licences by the County Council.

It will be noted from the above figures that there are eighteen Licences granted for the supply of ungraded milk. This figure might appear high, but it must be remembered that they supply only a small number of consumers.

(b) **Meat and Other Foods.** Regular inspection of all shops, stalls and vehicles is carried out.

(c) **Adulteration, etc.** Sanitary Inspectors of the Glamorgan County Council are responsible for the sampling under the Foods and Drugs Act, 1938. The following samples were taken in the Council's area during 1954:—

Milk	386	Olive Oil	1
Tea	3	Cake Mixture	1
Meat Paste	2	Canned Sausages	1
Jam	3	Margarine	3
Sugar	3	Farinoca	1
Coffee and Chicory	3	Tea Cake Mixture	1
Condensed Milk	2	Vinegar	1
Table Jelly	9	Sultanas	3
Butter	6	Canned Fish	1
White Pepper	1	Mincemeat	2
Bicarbonate of Soda	1	Cornflour	2
Gravy Browning	3	Salad Cream	2
Ground Almonds	1	Meat Paste	2
Pepper Flavoured Com- pound	2	Mustard	1
Rice Pudding Powder	1	Pudding Mixture	1
Tomato Soup	3	Canned Rhubarb	1
Dripping	1	Yorkshire Relish	1
Cooking Fat	2	Canned Strawberries	1
Sweets	8	Patent Groats	1
Piccallily	1	Marmalade	2
Blancmange Powder	3	Ground Cinnamon	1
Custard Powder	1	Fish Paste	1
Canned Broth	2	Oatmeal	1
Sauce	1	Pie Filling	1
Sponge Mixture	6	Tomato Juice	1
Canned Tomatoes	2	Orange Juice	2
Horseradish Cream	1	Baking Powder	1
Golden Raising Powder ..	1	Sandwich Spread	1
Rice	1	Lard	1
Pastry Mixture	1	Raisins	1
Ice Cream	8	Honeycomb Mould	1
Sausages	2	Synthetic Cream Powder...	1
Semolina	1	Health Salts	1
Halibut Liver Oil	2	Sterilised Cream	1
Life Drops	1	Canned Stewed Steak	1
Chemical Food	1		
		Total	520

Three samples of milk were found, on analysis, to contain six per cent, five per cent, and four per cent, of water, respectively. Proceedings were taken against the Vendors resulting in fines amounting to £8 plus 30/- Analyst's fee and 23/6 Witness' costs.

One sample of Beef Sausage was found, on analysis, to contain an excess of Sulphur Dioxide to the extent of not less than 213 parts per million. Proceedings were taken against the Vendor resulting in a fine of £1 plus 15/- Analyst's fee.

One sample of Ice Cream was found, on analysis, to be deficient in fat to the extent of not less than 24%. Proceedings were taken against the Vendor resulting in a fine of £2 plus 15/- Analyst's fee.

Proceedings were taken against a Vendor for selling Beef Sausages containing a preservative (Sulphur Dioxide) without having a notice exhibited in a conspicuous place. The Vendor was conditionally discharged on payment of 19/- costs.

FOOD POISONING.

During the month of September, an outbreak of food poisoning occurred at the Abergarw Estate, Brynmenyn.

The cause of this outbreak was brawn, prepared by a housewife on the Estate, and distributed to several of the residents.

It resulted in twenty-two cases in your area and five cases in the surrounding districts.

The organism responsible was Salmonella Typhi-Murium.

Fortunately the cases responded well to treatment and no secondary cases occurred.

Outbreaks of this nature are a constant reminder of the necessity for strict hygiene in the preparation of food.

CLEAN FOOD CAMPAIGN.

The Council and the Health Department are conscious of the importance of cleanliness in all matters relating to the preparation and sale of food.

During inspections of all food premises in your district, every opportunity was taken by members of the Health Department to educate in Food Hygiene those concerned in food and food products.

SLAUGHTERHOUSES.

With the decontrol of meat supplies it became necessary to examine the slaughtering facilities for your area. During the period of control these facilities were available at the Ministry of Food Abattoir, Bridgend, which, during this year, was acquired by the Bridgend Urban District Council.

Several joint meetings of the Mid-Glamorgan Authorities, Farmers and Meat Traders were held, and it was agreed that the facilities available at the Bridgend and Port Talbot Abattoirs should be capable of supplying the needs of the Penybont area.

During the year, one application for a private slaughterhouse licence was granted and one refused. As in previous years the Mental Hospital provided their own slaughtering facilities for animals slaughtered for their own use.

CARCASSES INSPECTED AND CONDEMNED.

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed	4	19	Nil	Nil	201
Number Inspected	4	19	Nil	Nil	201
<i>All Diseases except Tuberculosis :</i>					
Whole Carcases condemned	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	2	13	Nil	Nil	7
Percentage of the number inspected affected with disease other than Tuberculosis	50%	68.4	Nil	Nil	3.48
<i>Tuberculosis only :</i>					
Whole Carcases condemned	Nil	Nil	Nil	Nil	Nil
Carcases of which some part was condemned	1	Nil	Nil	Nil	11
Percentage of the number inspected affected with Tuberculosis	25%	Nil	Nil	Nil	5.47

KNACKERS' YARDS.

There is only one Knacker's Yard in the area which is situated at Hendre, Pencoed. These premises are ideally situated some distance away from occupied dwellings, and are conducted in a satisfactory manner.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The year under review passed without any serious outbreak of infectious or other notifiable diseases, but the figure of 63 cases of Whooping Cough is higher than average.

An outbreak of Food Poisoning in Abergarw resulted in 22 cases. Details of this outbreak will be found in another part of this Report.

Again I have to report that no case of Diphtheria was notified during the year, this being the sixth successive year in which no cases have occurred.

The last death recorded from Diphtheria occurred in 1944. The public, however, must be repeatedly warned that it is only by immunisation can this security be maintained.

The Chief Medical Officer of the Ministry of Health has stressed the urgency of increasing the percentage of immunised children as it is known that during the year 1954 only 36 per cent. of the infants under one year of age were immunised against Diphtheria.

Fortunately, no cases of Poliomyelitis occurred, but in spite of this I feel I would be justified in repeating the following observations.

During 1947, 1949 and 1950, serious epidemics of this disease occurred in Great Britain but, fortunately, very few cases occurred in your Area.

The general public should bear in mind that poliomyelitis reaches its maximum incidence during the months of August, September and October and, should there be cases of the disease in your Area, it is most important that adults and children should thoroughly wash their hands after using the water closet, and especially before handling food. If any vague illness occurs during an epidemic, the person concerned should immediately be put to bed because if this disease should prove to be poliomyelitis, the chances of severe paralysis are lessened by early rest.

NOTIFIABLE DISEASES (other than Tuberculosis) during the year 1954.

DISEASE	Under 1 year				10-14	15-24	25-65	65 & over	Total
	1-2	3-4	5-9						
Scarlet Fever		3	10	2	2	1		18	
Whooping Cough	9	17	19	17	1			63	
Measles	2	3						5	
Acute Pneumonia		5		1	4	1	1	12	
Erysipelas						1	2	3	
Puerperal Pyrexia					2	6		8	
Meningococcal Infection			1					1	
Dysentery				1		3	2	6	
Paratyphoid Fever				4				4	
Food Poisoning	3	1		1	2	15		22	
Totals	11	23	28	28	10	10	27	5	142

NOTIFIABLE DISEASES IN THE VARIOUS DISTRICTS.

AREA	Scarlet Fever	Whooping Cough	Pneumonia	Erysipelas	Puerperal Pyrexia	Dysentery	Para-Typhoid	Measles	Food Poisoning	Meningococcal Infection	Pul. Tuberculosis	Non-Pul. Tuberculosis
Southern	6	—	—	—	1	—	—	—	—	—	3	—
Pyle	—	14	2	1	—	—	—	—	—	—	1	2
Sarn	6	12	7	—	1	—	—	2	—	—	1	4
Aberkenfig & Tondu	—	6	1	—	1	—	—	—	—	—	7	2
Kenfig Hill	2	5	1	—	—	—	2	—	—	—	1	1
Bryntirion	—	4	1	—	1	—	—	—	—	—	—	—
Litchard	1	2	—	2	—	—	1	—	—	—	—	—
Pencoed	1	12	—	—	2	—	—	2	—	1	4	2
Morgannwg Hospital	—	—	—	—	—	6	—	—	—	—	6	—
Llangynwd	1	2	—	—	1	—	1	—	—	—	1	—
Cornelly	1	1	—	—	—	—	—	—	—	—	2	—
Cefn Cribbwr	—	2	—	—	—	—	—	—	—	—	2	3
Laleston	—	—	—	—	1	—	—	—	—	—	—	—
Abergarw	—	—	—	—	—	—	—	—	22	—	—	—
Brynmenyn	—	3	—	—	—	—	—	—	—	—	3	1
Heol-y-Cyw	—	—	—	—	—	—	—	1	—	—	3	—
Total.....	18	63	12	3	8	6	4	5	22	1	34	15

Notifiable Diseases for each Month in 1954.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	No. of Cases admitted to Hospital
Scarlet Fever	2		5	3	2	1	1		1			1	18	5
Erysipelas			2	1		1	1						3	2
Measles											1		5	
Whooping Cough	2	4	2		6	5	26	6	7	4		1	63	4
Pulm. Tuberculosis	4	2	6	3	4	5	1	1	2	2	4		34	34
Non-Pulm. Tuberculosis	3	1	2	2	1	1	3		1		1		15	11
Pneumonia	2	3		1	1	1	2	1					12	3
Dysentery			2	1		3							6	
Meningococcal														
Meningitis					1								1	1
Puerperal Pyrexia			1	1			1	4				1	8	4
Food Poisoning									22				22	4
Para-Typhoid			4										4	4
TOTALS	6	7	16	6	14	11	32	11	30	4	2	3	142	72

Deaths from Cancer.

Organ affected	0—24 years		25—44 years		45—64 years		65 up years		Total	
	M	F	M	F	M	F	M	F	M	F
Throat							2		2	
Stomach			1		3	2	5	4	9	6
Bowel					1	3	3	6	4	9
Liver					1				1	
Pancreas							1		1	
Uterus & Ovary						2				2
Lung & Bronchus					6	1	2		8	1
Breast						1		1		2
Bladder								1		1
Oesophagus					1		1		2	
Bone							1		1	
Prostate							1		1	
Brain					1				1	
Totals			1		13	9	16	12	30	21

DEATHS IN VARIOUS MONTHS, 1954.

Month	Deaths Registered	Outward Trans- ferable	Inward Trans- ferable	Total Local Deaths
January	40	—	13	53
February	42	—	11	53
March	35	2	15	48
April	36	1	10	45
May	28	3	10	35
June	25	1	4	28
July	35	1	8	42
August	36	—	5	41
September	21	1	9	29
October	26	6	8	28
November	46	—	11	57
December	36	—	4	40
	406	15	108	499

Infantile Mortality during the Year 1954.

Cause of Death	DAYS.							MONTHS.							Total deaths under 1 yr					
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-14	14-28	21 to 28 days	2-3	3-4	4-5	5-6		6-7	7-8	8-9	9-10	10-12
Haemolytic Disease			1						1											1
Cerebral Haemorrhage	2	1		1					3											3
Whooping Cough													2							2
Pneumonia							1	2	3		2	1	1	1						8
Bronchitis										1										1
Spina Bifida							1		1		1									2
Circulatory Failure							1		1		1									2
Immaturity											2									2
Enteritis and Diarrhoea															1					1
Accidental Inhalation															2					2
Heart Disease									1											1

Nett Births registered in the calendar year—554.

Nett Deaths under 1 year registered in the calendar year—25.

Legitimate, 543. Illegitimate, 11.

Legitimate, 25 (Males 15, Females 10).
Illegitimate, 0.

Illegitimate Infants—Nil.

Infant Mortality Rate—Legitimate Infants 46.

Vital Statistics of whole District during 1954 and previous 37 years.

Year	Population estimated to middle of each year	Live Births			Total Deaths Registered in the District		Transferable Deaths		Nett Deaths belonging to District			
		Uncorrected Number	Nett		Number	Rate	Of Non-residents registered in the District	Of Residents not registered in the District	Under 1 Year		At all Ages	
			Number	Rate					Number	Rate per 1,000 Nett Births	Number	Rate
1916	24330	597	600	26.68	453	18.62	222	29	40	67.0	260	11.56
1917	21410	627	627	27.76	480	23.76	322	18	57	90.0	277	12.26
1918	21809	573	—	23.4	320	14.6	—	—	53	92.0	320	14.6
1919	21700	621	—	26.2	264	11.6	—	—	49	78.0	264	11.6
1920	25000	736	741	29.6	452	18.0	173	30	63	85.0	309	12.3
1921	28100	698	700	24.8	412	14.6	157	34	63	90.0	289	10.2
1922	28920	655	662	22.8	496	17.8	214	40	59	89.1	322	11.1
1923	29510	657	663	22.4	403	13.6	175	32	39	58.8	259	8.7
1924	29510	680	691	23.4	395	13.3	153	27	38	54.9	269	9.1
1925	30530	611	635	20.7	431	14.0	185	38	38	59.8	284	9.3
1926	32300	665	677	21.9	399	12.9	167	38	41	60.5	270	8.5
1927	32700	551	565	17.2	433	13.2	171	45	46	81.0	307	9.0
1928	32140	540	564	17.5	394	12.2	156	47	40	70.9	285	8.8
1929	31130	554	584	18.7	428	13.7	175	37	45	77.0	290	9.3
1930	31130	475	506	16.2	387	12.4	139	64	34	67.1	312	10.0
1931	29330	458	481	16.4	421	14.4	175	57	25	51.9	304	10.4
1932	29260	426	475	16.2	439	15.0	196	59	36	75.7	302	10.3
1933	29240	401	485	16.5	445	17.7	199	74	40	82.0	320	10.9
1934	29100	399	476	16.3	427	14.6	171	82	29	60.9	338	11.5
1935	29010	375	527	18.1	419	14.4	194	72	31	58.8	297	10.2
1936	28150	288	412	14.6	411	14.6	185	82	29	68.0	308	11.0
1937	27640	296	435	15.7	439	15.5	184	86	28	64.3	341	12.3
1938	27660	326	462	16.7	445	16.0	187	62	26	58.0	320	11.5
1939	30721	314	433	14.0	418	13.6	160	72	26	60.0	330	10.7
1940	31100	393	539	17.3	495	15.9	236	86	37	67.2	345	11.0
1941	32760	336	567	17.3	488	14.8	238	98	45	78.0	348	10.5
1942	32910	288	572	17.3	420	12.7	185	77	31	54.1	312	9.5
1943	32780	328	638	19.5	415	12.3	183	90	38	60.0	322	9.8
1944	31370	317	660	21.0	414	12.8	175	87	29	43.9	325	10.3
1945	30520	279	584	19.1	434	14.2	159	99	27	46.2	374	12.3
1946	33460	253	599	17.9	371	11.0	147	118	20	33.4	342	9.9
1947	33290	256	627	18.8	427	12.8	177	110	40	63.7	360	10.8
1948	34030	228	637	18.7	352	10.3	124	108	26	40.8	336	9.9
1949	34530	190	603	17.6	344	9.9	150	109	14	23.0	302	8.7
1950	34350	163	543	15.81	453	10.5	173	120	24	44.20	400	11.59
1951	33820	166	564	16.68	390	11.7	170	140	26	44.33	360	10.62
1952	34890	167	530	15.19	393	11.2	188	107	11	20.75	312	8.09
1953	35250	190	584	16.57	358	10.2	10	108	19	32.53	456	12.94
1954	35150	204	554	15.76	409	11.6	16	106	25	41.5	499	14.2

Final Statistics of the ...

Year
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1950

District	<i>Inward Transferable Births from Bridgend Maternity Home.</i>	
	No. of Live Births.	Live Births.
Heolycyw	5	9
Pencoed	31	27
Coychurch and Waterton	1	3
Corntown and Ewenny	5	5
St. Brides Major	4	8
Wick	2	1
Ogmore and Southerndown	2	14
Laleston and Merthyr-mawr	7	27
Pyle	22	30
Cornelly and Ton Kenfig	22	33
Kenfig Hill	22	44
Cefn Cribbwr	15	26
Penyfai	5	2
Aberkenfig	17	15
Tondu	6	13
Coytrahen	1	1
Llangynwyd	2	4
Cwmfel'n	1	—
Sarn	11	14
Bryncoch and Bryncethin	4	14
Coity and Cefn Hirgoed	6	10
Litchard	3	3
Brynmenyn	10	17
Totals	204	320

In addition to the above Live Births, Inward Transferable Births have to be added, making a total of 554 Births. (The Outward Live Births have been taken out).

Causes of Death in Penybont Rural District, 1954

Population—35,150.

<i>Causes of Death.</i>		<i>M.</i>	<i>F.</i>
1	Tuberculosis, respiratory	10	4
2	Tuberculosis, other	1	1
3	Syphilitic Disease	4	1
4	Diphtheria	—	—
5	Whooping Cough	—	2
6	Meningococcal Infections	—	1
7	Acute Poliomyelitis	—	—
8	Measles	—	—
9	Other infective parasitic diseases	2	—
10	Malignant Neoplasm, Stomach	9	6
11	Malignant Neoplasm, Lung, Bronchus	7	1
12	Malignant Neoplasm, Breast	—	2
13	Malignant Neoplasm, Uterus	—	1
14	Other Malignant and Lymphatic Neoplasms	14	11
15	Leukaemia, Aleukaemia	—	1
16	Diabetes	1	—
17	Vascular lesions of nervous system	36	21
18	Coronary disease, Angina	26	14
19	Hypertension with Heart Disease	4	1
20	Other Heart Disease	73	68
21	Other Circulatory Diseases	4	10
22	Influenza	—	—
23	Pneumonia	10	18
24	Bronchitis	21	5
25	Other Diseases of Respiratory System	7	—
26	Ulcer of Stomach and Duodenum	5	—
27	Gastritis, Enteritis and Diarrhoea	4	2
28	Nephritis and Nephrosis	5	2
29	Hyperplasia of Prostate	2	—
30	Pregnancy, Childbirth, Abortion	—	—
31	Congenital Malformations	3	2
32	Other defined and ill-defined diseases	25	24
33	Motor Vehicle Accidents	4	2
34	All other Accidents	13	5
35	Suicide	2	2
36	Homicide and operations of war	—	—
All Causes—Total		292	207
<i>Deaths of Infants under one year of age—</i>			
Total		15	10
Legitimate		15	10
Illegitimate		—	—
<i>Deaths of Infants under 4 weeks of age—</i>			
Total		9	4
Legitimate		9	4
Illegitimate		—	—
<i>Live Births—Total</i>		303	251
Legitimate		299	244
Illegitimate		4	7
<i>Still Births—Total</i>		12	10
Legitimate		11	9
Illegitimate		1	1

GLAMORGAN (ADMINISTRATIVE COUNTY)--VITAL STATISTICS, 1954.

	Estimated Population 1954	Births		Deaths		Infant Mortality		Neo-Natal Mortality	
		Number of Births	Rate per 1,000 Population	Number of Deaths	Rate per 1,000 Population	Deaths under 1 year	Rate per 1,000 Live Births	Deaths under 4 weeks	Rate per 1,000 Live Births
England and Wales			15.2		11.3		25.5		17.7
Administrative County	737,800	11,521	15.62	9,038	12.25	370	32.12	248	21.53
Urban Districts	534,600	8,486	15.87	6,602	12.35	275	32.41	187	22.04
Rural Districts	203,200	3,035	14.94	2,436	11.99	95	31.30	61	20.10
HEALTH DIVISION.									
CONSTITUENT DISTRICTS.									
Aberdare & Mountain Ash :									
Aberdare Urban	40,630	560	13.78	579	14.25	15	26.79	12	21.43
Mountain Ash Urban	30,900	471	15.24	397	12.85	10	21.23	5	10.62
Caerphilly & Gelligaer :									
Caerphilly Urban	36,900	731	19.81	373	10.11	26	35.57	17	23.26
Gelligaer Urban	36,170	644	17.80	437	12.08	29	45.03	17	26.40
Mid-Glamorgan :									
Bridgend Urban	14,010	245	17.49	155	11.06	3	12.24	2	8.16
Maesteg Urban	22,920	369	16.10	300	13.09	19	51.49	13	35.23
Ogmore & Garw Urban	22,340	302	13.52	272	12.18	14	46.36	11	36.42
Porthcawl Urban	9,860	129	13.08	144	14.60	4	31.01	3	23.26
Penybont Urban	35,150	554	15.76	499	14.20	25	45.13	13	23.47
Neath & District :									
Neath M.B.	31,530	466	14.78	405	12.84	17	36.48	14	30.04
Neath Rural	41,230	587	14.24	446	10.82	16	27.26	13	22.15
Pontypridd & Llantrisant :									
Llantrisant Rural	25,610	446	17.42	269	10.50	14	31.39	6	13.45
Pontypridd Urban	38,140	618	16.20	543	14.24	22	35.60	17	27.51
Port Talbot & Glyncoffwng :									
Glyncoffwng Urban	9,550	197	20.63	87	9.11	10	50.76	5	25.38
Port Talbot M.B.	45,850	834	18.19	457	9.97	19	22.78	16	19.18
South East Glamorgan :									
Barry M.B.	41,450	744	17.95	465	11.22	18	24.19	10	13.44
Cardiff Rural	37,300	481	12.90	499	13.38	10	20.79	8	16.63
Cowbridge M.B.	1,030	14	13.59	7	6.80	—	—	—	—
Cowbridge Rural	20,000	336	16.80	137	6.85	5	14.88	2	5.95
Penarth Urban	18,870	267	14.15	237	12.56	5	18.73	5	18.73
West Glamorgan :									
Gower Rural	11,720	172	14.68	156	13.31	7	40.70	4	23.26
Llŷchwr Urban	25,720	346	13.45	310	12.05	15	43.35	11	31.79
Pontardawe	32,190	459	14.26	430	13.36	18	39.22	15	32.68
Rhondda :									
Rhondda Urban	108,730	1,549	14.25	1,434	13.19	49	31.63	29	18.72

STATE OF CALIFORNIA

Year	Number of Inhabitants	Number of Males	Number of Females	Total
1850	94,463	47,532	46,931	94,463
1860	319,076	160,843	158,233	319,076
1870	1,212,676	607,843	604,833	1,212,676
1880	2,414,168	1,207,843	1,206,325	2,414,168
1890	3,493,579	1,747,843	1,745,736	3,493,579
1900	5,038,977	2,517,843	2,521,134	5,038,977
1910	7,567,102	3,787,843	3,779,259	7,567,102
1920	11,246,542	5,627,843	5,618,699	11,246,542
1930	15,713,216	7,857,843	7,855,373	15,713,216
1940	21,122,290	10,527,843	10,594,447	21,122,290
1950	27,139,261	13,527,843	13,611,418	27,139,261
1960	33,973,175	16,727,843	17,245,332	33,973,175
1970	41,792,769	20,227,843	21,564,926	41,792,769
1980	50,419,178	24,227,843	26,191,335	50,419,178
1990	59,736,995	28,727,843	31,009,152	59,736,995
2000	69,959,278	33,727,843	36,231,435	69,959,278
2010	80,513,395	39,227,843	41,285,552	80,513,395
2020	92,785,418	45,727,843	47,057,575	92,785,418

Mid-Glamorgan Water Board.

RAINFALL RECORDS

For the Year ended 31st December, 1954.

Month	Merthyr-	Bridgend	Schwyll	Llanharan	St. Athan	Pwlltwy	Maesteg	Ogmore	Ponty-
	maer	2	3	4	5	6	7	Vale	cymmer
January	3.26	3.16	3.47	4.48	2.43	3.44	5.84	6.94	7.32
February	5.47	5.20	6.09	5.97	5.18	5.52	8.74	10.14	9.19
March	3.99	2.62	4.04	4.58	3.48	4.70	6.12	7.92	7.95
April	1.03	0.82	0.87	1.63	1.52	1.15	2.48	3.71	3.54
May	2.12	2.42	2.24	2.63	1.94	2.19	4.83	5.34	5.29
June	5.14	5.10	4.71	6.03	3.32	4.89	9.09	11.04	10.22
July	6.45	5.91	4.55	6.92	3.34	5.46	10.57	12.46	11.38
August	4.37	4.14	4.02	5.66	3.34	5.15	9.08	10.78	10.33
September	6.01	5.77	6.17	7.63	6.25	7.09	11.50	13.90	13.53
October	6.92	6.17	6.95	8.56	4.72	7.27	16.19	21.49	19.18
November	8.90	7.58	8.90	10.76	6.73	8.61	13.73	16.73	15.93
December	5.29	3.75	4.75	5.22	3.80	5.26	7.25	11.18	9.73
Totals, 1954	58.95	52.64	56.76	70.07	46.05	60.73	105.42	131.63	123.59
Totals 1953	41.05	41.93	39.59	48.81	30.50	43.94	68.64	80.69	76.11

AVERAGE ANNUAL RAINFALL:—

Southern Area, Cols. 1—6	1952.	1953.	1954.
Northern Area Cols. 7—9	46.85	40.93	57.20
	74.40	75.15	120.21

In conclusion, I would like to express to the Council my appreciation of the interest shown by the Members in matters affecting Public Health, and to thank the Staff for their loyal co-operation, and particularly the members of the Public Health Department who by their efforts have helped to maintain a high standard of efficiency in matters relating to Public Health.

I am, Sir,

Ladies and Gentlemen,

J. ALUN EVANS,

Medical Officer of Health.



In conclusion, I would like to express my sincere appreciation of the interest shown by the Members in matters relating to Public Health, and to hope that they will continue to assist and encourage the members of the Public Health Association who by their efforts have helped to maintain a high standard of efficiency in matters relating to Public Health.

Yours truly,

WALTER W. WILSON,

President of the Association.

Medical Officer of Health.



