

[Report 1943] / Medical Officer of Health, Port Talbot Borough.

Contributors

Port Talbot (Wales). Borough Council.

Publication/Creation

1943

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BOROUGH OF PORT TALBOT



ANNUAL REPORT

OF THE

Medical Officer of Health

AND THE

Chief Sanitary Inspector

For the Year ended December 31st,

1943.

On the Sanitary Administration and Vital
Statistics of the Borough of Port Talbot.

BY

TUDOR D. LLEWELLYN,

M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health, School Medical Officer,
Superintendent of the Fever Hospital.

D. W. Jones, Printer, Port Talbot. 49793



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Sanitary Committee.

Councillor H. H. MACEY, J.P. (Mayor).
Councillor T. MAINWARING, J.P. (Chairman).
Councillor J. TREHARNE.
Councillor W. POTTS. Councillor J. J. EDWARDS.
Councillor JAMES LEWIS, J.P. Councillor J. PERKINS.
Councillor T. W. LEWIS, M.A., J.P. Councillor Major L. DAVID, J.P.
Councillor E. J. MORRIS. Councillor D. H. DAVIES.
Councillor H. A. GUNN. Councillor W. G. McNEIL.



Maternity and Child Welfare Committee.

Councillor H. H. MACEY, J.P. (Mayor).
Councillor Mrs. L. G. EDWARDS, J.P. (Chairman).
Alderman J. H. JONES. Councillor T. MAINWARING, J.P.
Alderman J. NOONAN. Councillor T. I. REES.
Councillor D. H. DAVIES. Councillor Major L. DAVID, J.P.
Councillor J. TREHARNE. Councillor J. PERKINS.
Councillor W. POTTS. Councillor H. A. GUNN.

and the following co-opted ladies :—

Mrs. VAUGHAN. Mrs. E. KING (Cwmavon).
Mrs. CHARLES, John St., Aberavon. Mrs. HOPKINS, Bryn.
Mrs. EDWARDS, Wern Place. Mrs. WELLINGTON, Taibach.



Groeswen Hospital House Sub-Committee.

Councillor W. POTTS (Chairman).
Councillor J. J. EDWARDS. Councillor J. PERKINS.
Councillor JAMES LEWIS, J.P. Councillor E. L. HARE.
Councillor T. W. LEWIS, J.P. Councillor D. H. DAVIES.
Councillor Major L. DAVID, J.P. Councillor E. MORT.

**STAFF OF THE PUBLIC HEALTH
DEPARTMENT.**



Medical Officer of Health—

TUDOR D. LLEWELLYN, M.R.C.S., L.R.C.P., D.P.H. (Wales)

Sanitary Inspectors—

G. A. MORGAN, Chief Sanitary Inspector.

(C.R.S.I. & C.S.I.B. as Sanitary Inspector, and C.R.S.I. as Meat and Food Inspector. C.I.H. and C.R.S.I. School Hygiene and Physiology General Hygiene Diploma, Institute of Hygiene. Testamur Sanitary Science, University College of Wales. Member R.S.I. Member Inst. Hygiene).

IDRIS JAMES, Sanitary Inspector.

(C.S.I.B. as Sanitary Inspector. C.R.S.I. as Meat and Food Inspector General Hygiene Diploma, Institute of Hygiene).

S. THOMAS, Sanitary Inspector.

(C.S.I.B. as Sanitary Inspector, and C.R.S.I. as Meat and Food Inspector, General Hygiene Diploma, Institute of Hygiene).

E. A. MORGAN, Sanitary Inspector.

(C.S.I.B. as Sanitary Inspector, and C.R.S.I. as Meat and Food Inspector. Member R.S.I.)

Matron of Fever Hospital—

Miss O. ABEL.

Health Visitors and School Nurses—

Miss OLIVE DAVIES, C.M.B., S.R.N.

Miss E. DAVIES, C.M.B., S.R.N.

Miss G. A. JENKINS, C.M.B., R.F.N., S.R.N., H.V. Certificate

Miss E. M. MORGAN, C.M.B., S.R.N., H.V. Certificate R.F.N

Miss M. N. PRICE, C.M.B., S.R.N., H.V. Certificate.

School Nurse—

Miss CAROLINE DAVIES.

Clerks—

Miss MURIELLE REED, Miss ENID CUSS,

Miss MONICA COCHLIN.

Borough of Port Talbot.



To the Mayor and Members of the Port Talbot Corporation.

Mrs. Edwards and Gentlemen,

I have the honour of presenting to you my Annual Report of the work done during 1943.

This report is somewhat late being published, and certain figures that might be of advantage to the enemy have to be omitted, but all the work has been carried out as it was previous to the outbreak of war, but it has been a difficult task.

The outstanding information is summarised as follows :

The Birth Rate has fallen by Two births per 1,000 population.

There is a rise in the Infant Mortality, though our figure is not excessive.

Infectious Diseases have not been very heavy, and returns from the laboratory show that of 773 swabs sent for examination only 127 were positive.

1,497 children were immunised against Diphtheria, and this low number produces some perturbation, because in spite

of all the publicity given to the public, there is far too much apathy in this matter, and only a sharp epidemic will awaken parents to the value of this simple procedure.

Deaths from Tuberculosis have fallen slightly, and in the future when hospitalisation will be better available we shall be justified in taking a more complacent view of this disease.

Housing is still at a standstill, and not until there is more house-room for people can we expect any real improvement in any disease which is infectious, and in many that are not infectious.

Meat inspection again has been carried out to the extent of inspecting 100% of all animals killed.

I must thank all who have been so helpful during the year.

I am,

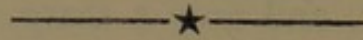
Mrs. Edwards and Gentlemen,

Your obedient Servant,

Tudor D. Lewellyn,

Medical Officer of Health.

GENERAL INFORMATION.



The area of the Borough is 25,648 acres including the fore-shore.

The prevailing winds are westerly and south westerly, while shelter is provided from northerly and easterly winds by mountains which abut upon the sea.

RAINFALL.

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
38	38.14	34.88	43.25	49.03	44.68	45.38	40.62	46.24	37.29	32.88

The wettest months were August, September, and October; the driest months were February and March.

Number of inhabited houses:—

1921	7,197
1943 (estimated at)	11,460
Number of families or separate occupiers in 1921	8,458

Assessable value of the area year ending March 31st, 1943, for:—

	£	s	d
General Rate purposes	176,144	0	0
Sum represented by 1d. rate	650	15	0

POPULATION.

The population estimated by the Registrar General for mid-year 1943 was for calculation of birth rates and death rates.

VITAL STATISTICS.

Births.

Births registered during the year in the Borough were 428.

	<i>Males.</i>	<i>Females.</i>
Legitimate	210	209
Illegitimate	5	4
Total	215	213 = 428

Inward Transfers :—

Legitimate	130	.....	122
Illegitimate .....	—	.....	5
	<u>130</u>	.....	<u>127 = 257</u>

Giving a total of—

Legitimate Births	340	.....	331
Illegitimate Births	5	.....	9
	<u>345</u>	.....	<u>340 = 685</u> births

The crude birth-rate for the year then would be 17.5 per 1,000 population.

The crude birth-rate for previous years may be compared :—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
17.5	19.6	16.5	16.4	15.4	17.8	16.7	16.4	16.6	17.7	16.3
										per 1,000

The Illegitimate birth-rates were :—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
0.30	0.30	0.24	0.2	0.3	0.5	0.2	0.22	0.39	0.29	0.54
										per 1,000

The total Births registered within the Borough were distributed as follows :—

Wards.	Total
Aberavon South Ward	144
Aberavon North Ward	67
Cwmavon Ward	52
Margam West Ward	65
Margam Central Ward	80
Margam North Ward	20
	<u>428</u>

Deaths.

The number of deaths registered in the area during the year 1943 was 447; males 254, females 183.

The nett deaths in the area after correction for inward and outward transfers for 1943 were:—

	<i>Males.</i>	<i>Females.</i>	<i>Total</i>
Deaths registered in the area	254	183	447
Inward Transfers	46	26	
	<hr/>	<hr/>	
	300	209	
Outward Transfers	10	10	
	<hr/>	<hr/>	
	<u>290</u>	<u>199</u>	489

The total number of deaths then was 489 which gives a recorded death rate of 12.7 per 1,000, and may be compared with previous years:—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
12.7	11.5	10.6	12.86	12.02	12.8	12.3	11.07	12.3	11.8	13.4
										per 1,000

The standardising factor for correcting the death-rate so that it may be compared with other areas has been calculated and supplied by the Registrar General, and for this area the number is 1.19. The recorded death-rate must be multiplied by this factor in order to find the standardised death-rate which for this area is 15.11 per 1,000

Zymotic Diseases.

The seven Zymotic Diseases are Small Pox, Measles, Scarlet Fever, Whooping Cough, Fever (which includes Typhus, Typhoid and Paratyphoid) and Diphtheria.

The death-rate from Zymotic Diseases may be regarded as an indication of the efficiency or otherwise of the Sanitary Administration of the area.

During the year 4 deaths from these diseases were registered, and the death-rates area as follows:—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
7.2	0.10	0.09	0.14	0.32	0.07	0.24	0.14	0.14	0.27	0.34
										per 1,000

Inquests.

There were 42 inquests held within the Borough during 1943:—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
42	40	59	60	46	40	50	52	51	52	57

The causes of death were as follows:—

Disease	19
Accident (Works, etc.)	6
Accident (Road, etc.)	4
Accident (Air)	—
Suicide	3
Drowning	4
Burns	2
Military	4
	—
	42
	==
No. of inquests held within the Borough	42
Deduct Outward Transfers	8
	—
	34
Add Inward Transfers	4
	—
Inquests held on Borough Residents	36
	==

Infant Mortality Rate.

This is defined as the number of deaths registered of infants under one year of age, per 1,000 births registered during the year.

The total number of infant deaths during the year was made up as follows:—

	Males.	Females.
Legitimate	22	12
Illegitimate	0	0
	—	—
	22	12
Add Inward Transfers	6	2
Deduct Outward Transfers	0	1
	—	—
	28	13

This gives a total of 41 deaths.

The total Infant Mortality rate for the year would then be 59 per 1,000, and may be compared:—

1943.	1942.	1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.
59	42	53	78	87	67	56.2	42.1	71.3	65.4	95.7
										per 1,000

The corrected figure supplied by the Registrar General for the Borough for comparative purposes is 58 per 1,000, and so the rate may be compared thus:—

	1943	1942	1941	1940	1939	1938	1937	1936	1935
Port Talbot	58	35	53	65	80	78	54	46	72
	per 1,000 births.								
England and Wales	49	49	59	55	50	53	58	59	57
	per 1,000 births.								
126 County Boroughs & Great Towns	58	59	71	61	53	57	62	63	62
	per 1,000 births.								
148 Smaller Towns—Popu- 20,000—50,000	46	46	56	54	40	51	55	55	55
	per 1,000 births.								

GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

Isolation Hospital.

The Groeswen Hospital with 44 beds has been able to cope with all the demands made upon its accommodation during the year.

Maternity Home Accommodation.

Accommodation can always be found either in the Maesteg Home or in Penrhiwtyn.

It is becoming noticeable from the notification of births that there is a strong desire on the part of the expectant mother to enter a home for her confinement. Many do this at their own expense, and I am of the opinion that this procedure ought to be encouraged.

Maternal Mortality.

Investigations are being undertaken by the Medical Officer of Health in any case of maternal death upon the form prescribed by the Ministry of Health, and the services for investigation purposes of Dr. Lloyd Davies of Swansea are available whenever special advice should be required.

Puerperal Pyrexia.

Cases of Puerperal Pyrexia can now be treated in the Groeswen Isolation Hospital.

Small Pox.

Cases of Small Pox cannot be isolated in the Old Isolation Hospital as it is now dismantled. No cases were notified during the year, nor has any provision been made for isolation of these cases.

Tuberculosis.

There are no Sanatoria or Tuberculosis Hospitals in the area, and these cases are cared for by the Welsh National Memorial.

Hospitals for Children.

There are no hospital beds for children in the area. The Local Authority has power to provide such beds. Nor is there any provision made for unmarried mothers, illegitimate children and homeless children in the area.

Ambulance Facilities.

Infectious diseases are removed by a motor-ambulance maintained by the Corporation.

There are no ambulance facilities provided by the Local Authority for non-infectious cases and accidents, but for this purpose, a motor-ambulance is available at the General Hospital.

CLINICS AND TREATMENT CENTRES.**Maternity and Child Welfare Centres.**

There are at present five Maternity and Child Welfare Centres open in the area at which consultations are held and treatment of simple ailments are carried out. Dental treatment for children below school age, and for expectant mothers is now carried out by the School Dental Surgeon at Taibach, Cwmavon and Pendarves Street Clinics.

The Pendarves Street Clinic was opened in May, 1939, and is now rapidly becoming one of the busiest clinics.

ANTE-NATAL AND BIRTH CONTROL CLINICS.

Ante-Natal Clinic.

This was opened at the end of September, 1934 and held in the Taibach Clinic fortnightly. Dr. Sybil Morgan, Llantrisant, is in attendance. There was an average attendance of 12 per session, and if this attendance increases as it is doing the clinic will have to be held weekly.

A monthly session is held in the Cwmavon Clinic in addition to the Clinic in Taibach.

Birth Control Clinic.

This was opened at the same time as the Ante-Natal Clinic in the same premises and held once a month, but during the morning session and under the same Medical Officer. The conditions of the Ministry of Health in Circular 1408 are observed.

Attendance at this Clinic has been very slow—only an average of 8 per session, though each case when advice on contraception has been given was one which needed instruction.

School Clinics.

These are described in the School Medical Officer's Report and are held in the Health Offices, Taibach, comprising:—

1. Dental Clinic—held daily.
2. Ophthalmic Clinic—held when necessary.
3. Minor Ailment Clinic—held once weekly.

Tuberculosis Visiting Station.

This station has been closed and all patients are obliged to visit the Centre in Neath.

Venereal Diseases Clinic.

This is maintained by the Glamorgan County Council and is situated near the Great Western Railway Station. It is open for males on Monday and Thursday, and for females on Wednesday and Thursday evenings.

Professional Nursing in the Home.

There are no arrangements made by the Local Authority for nursing general and infectious diseases at home.

Midwives.

Midwives are supervised by the Glamorgan County Council and in this area there are 11 trained and no untrained midwives. None of these are employed or subsidised by the Local Authority

Chemical and Bacteriological Work.

This work is carried out upon an agreed scale of payment by the Cardiff and County Public Health Laboratory, Cardiff.

A stock of Diphtheria Swabs, Vidal Outfits and Sputum bottles is kept at the Health Department which are given to Medical Attendants on request.

The following is an outline of the work carried out by the Laboratory :—

	Total.	Positive
Examination of Swabs for Diphtheria	773	172
Examination of Swab for Blood Typhoid	4	—
Examination of Faeces for Enteric	4	—
Examination of Sputum for Tubercle	35	10
Examination of Spinal Fluid for C.S. Fever	9	2
Examination of Swab for Strep. Haemoliticus	3	1
Examination of Swab for Whooping Cough	1	—

Water Supplies.

During the year the Laboratory reported upon 50 samples of water, and as chlorination is applied to the bigger sources, the bacteriological examinations show good results, but merely by chlorination of water supplies the responsibility for filtration still remains and it is one of the "Acts of Omission" to be placed to the account of the Council.

Milk (Special Designation) Order.

One person was licensed to sell milk under the designation "Pasteurised" in accordance with this Order.

The name and premises are—Portavon Dairy Company, Holland Street, Port Talbot.

Samples of milk are taken regularly for examination and these will be found in the Chief Sanitary Inspector's Report.

Legislation in Force.

The following adoptive Acts and Orders are in force in the Borough :—

DIPHTHERIA ANTITOXIN ORDER, 1910.

Diphtheria Antitoxin is supplied free of charge to Medical Practitioners for patients who reside within the Borough. This is generally appreciated and encouragement is given to make use of it. Success in the treatment of this disease depends upon its early detection and the administration of an adequate dose of antitoxin. Not only is the incidence of a high mortality rate prevented, but also the occurrence of serious complications and a delayed convalescence is obviated.

DIPHTHERIA IMMUNISATION.

1,497 children have been treated during 1943.

The material used is "Diphtheria Toxide Alum Precipitated" in two injections of 0.1 and 0.5 c.c.

The material is supplied to the Family Doctor who gives the injection and is paid two-shillings for each injection.

Public Health Acts, Amendment Act, 1907, became operative 9/11/21.

The Infectious Disease Prevention Act, 1890, became operative 9/11/21.

Public Health Acts, Amendment Act, 1890, became operative 9/11/21.

Private Streets Works Act, 1892, became operative 9/11/21.

Public Health Act, 1925 (Sections relating to Urban Districts) became operative in 1926.

Byelaws have been framed to regulate the following offensive trades :—

Offensive trades, became operative 9/11/21.

Nuisances became operative 9/11/21.

Cleansing of footways and pavements, the removal of house refuse and the cleansing of earth closets, privies, ashpits and cesspols, became operative 9/11/21.

Seamen's Lodging Houses, became operative 9/11/21.

Slaughterhouses, became operative 20/4/26.

Common Lodging Houses, became operative 9/11/21.

Summary Proceedings.

Summary proceedings under the various Acts, Orders and Regulations were instituted and may be seen in the Chief Sanitary Inspector's Report.

SANITARY INSPECTION OF THE AREA.

HOUSING, TOWN PLANNING, ETC, ACTS, 1909—1919.

FACTORIES AND WORKSHOPS.

BAKEHOUSES.

GENERAL INSPECTIONS.

Details of all the above are printed in the Chief Sanitary Inspector's Report.

SCAVENGING.

Our refuse tips are less of a nuisance than they used to be as supervision of the tipping is stricter, and the refuse is now being covered—this is a modification of the Bradford System.

SMOKE ABATEMENT.

The duties devolving upon the Sanitary Authority and its Officials have been carried out and details may be found in the Chief Sanitary Inspector's Report.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYELAWS OR REGULATIONS.

Cinemas and Amusement Houses.

Eight were licensed during the year. They are visited at intervals by the Cinema Committee.

Various breaches of the Byelaws have been discovered and remedied from time to time.

Swine and Keeping of Animals.

Details may be seen in the Sanitary Inspector's Report

Slaughter-Houses.

At the end of 1939 the licences of the eight slaughter-houses in the Borough were not renewed, and the Water Street premises owned by the Corporation was re-conditioned ready for use on January, 1940, so that it might be used as a centre for slaughtering under the Ministry's Scheme for war slaughtering.

The building, although much better fitted for its purpose than before the alterations, still leaves room for improvement.

DISINFECTION AND DISINFESTATION.

The only facilities for disinfection are in the Borough Fever Hospital.

The clothing, etc., of infectious cases is taken up to be disinfected and premises from which cases have been removed are disinfected by means of a formalin lamp.

When a child contracts any infectious disease he is isolated, the Head Teacher notified, and all contacts excluded if necessary

HOUSING.

There were no houses built during 1943.

(a) Total (including numbers given separately under (b)	0
(b) With State assistance under the Housing Acts:—	
(i) By Local Authority	0
(ii) By other Bodies or Persons	0

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)	542
(b) Number of inspections made for the purpose	3101
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	0
(b) Number of inspections made for the purpose	0
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	0
(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	284

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	205
---	-----

3.—Action under Statutory Powers during the Year.

A.—Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930:—

(1) Number of dwelling houses in respect of which Notices were served requiring repairs	0
(2) Number of dwelling houses which were rendered fit after service of formal notices:	
(a) By Owners	0
(b) By Local Authority in default of Owners	0
B.—Proceedings under Public Health Acts:—	
(1) Number of dwelling houses in respect of which Notices were served requiring defects to be remedied	89
(2) Number of dwelling houses in which defects were remedied after service of formal notices:—	
(a) By Owners	71
(b) By Local Authority in default of Owners	0
C.—Proceedings under Sections 19 and 21 of the Housing Act, 1930:—	
(1) Number of dwelling houses in respect of which Demolition Orders were made	0
(2) Number of dwelling houses demolished in pursuance of Demolition	0
D.—Proceedings under Section 20 of the Housing Act, 1930:—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

4.—Housing Act, 1936.—Part IV.—OVERCROWDING.

(a) (i) Number of dwellings overcrowded at the end of the year	153
(ii) Number of families therein	179
(iii) Number of persons dwelling therein	1115
(b) Number of new cases of overcrowding reported during the year	5
(c) (i) Number of cases of overcrowding relieved during the year	0
(ii) Number of persons concerned in such cases	0

- (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 1
- (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report 0

MEAT INSPECTION.

Notification of slaughter is carried out in a satisfactory manner.

Carcases Inspected and Condemned.

	Cattle, Excluding Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.
Number killed (if known)	1517	589	3954	18590	557
Number inspected	1517	589	3954	18590	557
<i>All diseases except Tuberculosis.</i> Whole					
Carcases condemned	1	0	1	14	3
Carcases of which some part or organ was condemned	175	83	3	5364	3
Percentage of the number inspected affected with disease other than Tuberculosis	11.6%	14.092%	0.101%	28.929%	1.077%
<i>Tuberculosis only—</i>					
Whole Carcases condemned	7	12	0	0	5
Carcases of which some part or organ was condemned	177	100	1	0	17
Percentage of the number inspected affected with Tuberculosis	12.123%	19.015%	0.025%	0	3.932%

INSPECTION AND SUPERVISION OF FOOD.

This Corporation has now been appointed the Authority for the administration of the Food and Drugs Acts.

Mr. Seyler, of Swansea, has been appointed the Analyst for this purpose.

Many samples have been submitted for analysis and have been found on the whole satisfactory.

Nutrition.

The Medical Officer of Health has met many societies in the district during the year and spoken upon this subject and other subjects appertaining to Public Health.

INFECTIOUS DISEASES.

The number of Infectious Diseases showed an increase on 1942.

During the year, the following cases were notified :—

Disease	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
Scarlet											
Fever	148	185	56	175	188	299	59	52	40	54	94
Diph'ria	27	81	23	27	22	171	182	134	64	46	154

Figures show the following variation from 1942 :—

Scarlet Fever increased by forty cases.

Diphtheria increased by one hundred and seven.

The following cases were removed to Hospital:—

Disease	1933	1934	1935	1936	1937	1938	1939	1940	1941*	1942	1943
Scarlet											
Fever	134	175	53	168	181	287	55	45	38	52	93
Diph'ria	26	76	23	27	21	69	182	133	64	45	154

Scarlet Fever.

1943. 1942. 1941. 1940. 1939. 1938. 1937. 1936. 1935. 1934. 1933.

| Attack Rate | 2.5 | 1.37 | .98 | 1.2 | 1.3 | 7.1 | 4.6 | 4.3 | 1.3 | 4.3 | 3.6 |
|-------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | Per 1,000 population. | | | | | | | | | | |

Details of the distribution of the disease will be seen in the Chief Sanitary Inspector's Report.

The greatest number of notifications came from Margam West Ward.

The smallest number of notifications came from Cwm-avon Ward.

There were 93 houses affected as follows:—

| | |
|---------------------------------------|----------|
| 92 houses with one case in each | 92 cases |
| 1 house with two cases | 2 cases |

Analysis of the ages at Death:—

| | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 | 20-25 |
|---------------|-----|-----|-----|-----|-----|------|-------|-------|-------|
| Scarlet Fever | | | | | | | | | |
| Deaths | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Diphtheria.

During the year 154 cases were notified, an increase of 40 compared with 1942.

The heaviest incidence fell on the Aberavon South Ward with 50 cases, whilst the lowest number of notifications came from Margam North Ward with two cases.

There were 137 houses affected as follows:—

| | |
|---|-----|
| 128 houses with one case in each | 128 |
| 5 houses with two cases in each | 10 |
| 3 houses with three cases in each | 9 |
| 1 house with seven cases in it | 7 |
| | 154 |

Of the 154 removed, 121 were positive.

Further details will be seen in the Sanitary Inspector's Report.

Analysis of the ages at death:—

| | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 |
|-------------------|-----|-----|-----|-----|-----|------|-------|-------|
| Diphtheria Deaths | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |

The attack rate was .09 per 1,000 population, and may be compared:—

| 1943. | 1942. | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| .09 | .8 | .9 | 2.03 | 3.5 | 1.7 | .5 | .6 | .56 | 1.59 | .66 |
| per 1,000 population. | | | | | | | | | | |

Scarlet Fever and Diphtheria.

There were no cases of these two diseases combined in one person.

Puerperal Pyrexia.

There were no notifications of this disease.

Pneumonia.

| | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 |
|----------------|------|------|------|------|------|------|------|------|------|------|
| Cases notified | 4 | 4 | 6 | 11 | 12 | 12 | 9 | 3 | 7 | 9 |

The following Table shows the number of Infectious Diseases notified, and their distribution into Wards.

| Wards.
1943. | Scarlet Fever | Diphtheria. | Diphtheria &
Scarlet Fever. | Erysipelas. | Encephalitis
Lethargica. | Cerebro Spinal
Meningitis. | Pneumonia. | Ophthalmia
Neonatorum | Puerperal
Fever | Puerperal
Pyrexia. | Tuberculosis
Pulmonary | Tuberculosis
Non-Pulmonary. | Enteric Fever. | Small Pox. | Poliomyelitis. |
|------------------|---------------|-------------|--------------------------------|-------------|-----------------------------|-------------------------------|------------|--------------------------|--------------------|-----------------------|---------------------------|--------------------------------|----------------|------------|----------------|
| Margam
West | 35... | 32... | 0... | 1... | 2... | 1... | 2... | 0... | 0... | 0... | 18 | 7 | ... | 0... | 0... 0 |
| Margam
Cen'al | 20... | 22... | 0... | 0... | 0... | 3... | 2... | 0... | 1... | 0... | 14 | 4 | ... | 0... | 0... 0 |
| Margam
North | 0... | 2... | 0... | 0... | 0... | 1... | 0... | 0... | 0... | 0... | 0 | 1 | ... | 0... | 0... 0 |
| Aber'on
South | 29... | 50... | 0... | 1... | 0... | 3... | 0... | 0... | 0... | 0... | 19 | 4 | ... | 0... | 0... 0 |
| Aber'on
North | 6... | 21... | 0... | 1... | 0... | 1... | 1... | 0... | 1... | 0... | 8 | 4 | ... | 0... | 0... 1 |
| Cwm-
avon | 4... | 28... | 0... | 0... | 0... | 2... | 0... | 0... | 0... | 0... | 17 | 2 | ... | 0... | 0... 0 |
| Totals | | | | | | | | | | | | | | | |
| 1943 | 94... | 154... | 0... | 3... | 2... | 11... | 5... | 0... | 2... | 0... | (78...22) = 98... | 0... | 0... | 0... | 1 |
| 1942 | 54... | 46... | 0... | 9... | 3... | 14... | 4... | 3... | 2... | 1... | (71...20) = 91... | 0... | 0... | 0... | 0 |
| 1941 | 40... | 64... | 1... | 11... | 0... | 26... | 6... | 0... | 0... | 0... | (66...28) = 94... | 0... | 0... | 0... | 1 |
| 1940 | 52... | 84... | 0... | 11... | 0... | 38... | 11... | 3... | 1... | 4... | (58...18) = 76... | 0... | 0... | 0... | 0 |
| 1939 | 59... | 143... | 1... | 9... | 0... | 2... | 12... | 4... | 0... | 5... | (53...14) = 67... | 0... | 0... | 0... | 1 |
| 1938 | 299... | 71... | 0... | 9... | 1... | 1... | 12... | 1... | 0... | 7... | (53...15) = 68... | 0... | 0... | 0... | 1 |
| 1937 | 188... | 22... | 1... | 4... | 1... | 0... | 9... | 1... | 0... | 2... | (52...15) = 67... | 2... | 0... | 0... | 0 |
| 1936 | 175... | 27... | 0... | 10... | 1... | 0... | 3... | 0... | 0... | 2... | (52...10) = 62... | 0... | 0... | 0... | 0 |
| 1935 | 56... | 23... | 0... | 14... | 2... | 0... | 7... | 3... | 2... | 1... | (64...21) = 85... | 0... | 0... | 0... | 0 |
| 1934 | 185... | 81... | 1... | 12... | 0... | 2... | 9... | 1... | 2... | 1... | (81...31) = 112... | 0... | 0... | 0... | 0 |
| 1933 | 148... | 27... | 2... | 16... | 0... | 0... | 51... | 6... | 2... | 1... | (63... 7) = 70... | 1... | 0... | 0... | 1 |

Malaria and Trench Fever.

There were no notifications during 1943.

Ophthalmia Neonatorum.

There were no notifications during 1943.

Vaccinations.

No vaccinations or re-vaccinations were carried out by the Medical Officer of Health under the Public Health (Small Pox Prevention) Regulations.

Non-Notifiable Acute Infectious Diseases.

These include Mumps—Chicken-pox not being notifiable at present. Information concerning these diseases reaches the Health Office through the Health Visitors, School Nurses, Head Teachers and Attendance Officers.

Prevention of Blindness.

No action has been taken under Section 176 of the Public Health Act, 1936.

Borough Fever Hospital.

This has been described earlier in the report under the heading "General Provision of Health Services in the Area."

The following cases were removed to Hospital :—

| | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|
| Small Pox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Scarlet Fever | 98 | 52 | 38 | 45 | 55 | 289 | 181 | 168 | 53 | 175 |
| Diphtheria | 154 | 45 | 64 | 133 | 140 | 118 | 21 | 27 | 23 | 76 |
| Diphtheria & Scarlet
Fever | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| Enteric Fever | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 |
| Meningitis | 7 | 13 | 36 | 38 | 2 | 1 | 0 | 0 | 0 | 0 |
| Erysipelas | 1 | 6 | 1 | 5 | 2 | 2 | 0 | 7 | 3 | 5 |
| Puerperal Pyrexia | 0 | 1 | 0 | 5 | 3 | 4 | 0 | 0 | 0 | 0 |
| Infantile Paralysis | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| | 255 | 117 | 130 | 226 | 204 | 418 | 205 | 202 | 80 | 257 |

Deaths in Hospital:—

| | Port Talbot Cases. | Outside Cases |
|------------------|--------------------|---------------|
| Diphtheria | 3 | 0 |
| Meningitis | 4 | 0 |
| Pneumonia | 9 | 0 |

Tuberculosis.

New cases and mortality during 1943:—

| Age Periods | NEW CASES. | | | | DEATHS. | | | |
|---|-----------------|---------|---------------------|---------|-----------------|--------|---------------------|----|
| | Pul-
monary. | | Non-Pul-
monary. | | Pul-
monary. | | Non-Pul-
monary. | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Under 1 yr. | 0..... | 0..... | 0..... | 0..... | 0..... | 0..... | 1..... | 0 |
| Over 1 year & under
5 years | 0..... | 1..... | 3..... | 2..... | 0..... | 0..... | 1..... | 2 |
| Over 5 years & under
10 years | 0..... | 1..... | 2..... | 2..... | 0..... | 0..... | 0..... | 0 |
| Over 10 years & under
15 years | 0..... | 1..... | 0..... | 1..... | 0..... | 0..... | 0..... | 0 |
| Over 15 years & under
20 years | 5..... | 5..... | 2..... | 1..... | 1..... | 2..... | 0..... | 0 |
| Over 20 years & under
25 years | 7..... | 11..... | 0..... | 1..... | 2..... | 2..... | 1..... | 0 |
| Over 25 years & under
35 years | 6..... | 8..... | 2..... | 2..... | 2..... | 2..... | 0..... | 0 |
| Over 35 years & under
45 years | 5..... | 4..... | 1..... | 2..... | 2..... | 2..... | 0..... | 0 |
| Over 45 years & under
55 years | 3..... | 2..... | 0..... | 0..... | 2..... | 0..... | 1..... | 0 |
| Over 55 years & under
65 years | 4..... | 1..... | 0..... | 1..... | 4..... | 0..... | 0..... | 0 |
| Over 65 yrs. | 2..... | 0..... | 0..... | 0..... | 1..... | 1..... | 0..... | 0 |
| Total | 32..... | 44..... | 10..... | 12..... | 14..... | 9..... | 4..... | 2 |

Non-notified Tuberculosis deaths 8

Notified Tuberculosis deaths 21

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation.

The attack rate was as follows:—

| 1943. | 1942. | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 2.2 | 2.3 | 2.3 | 1.7 | 1.6 | 1.6 | 1.9 | 1.5 | 2.09 | 2.7 | 1.7 |
| per 1,000 | | | | | | | | | | |

During the year 98 notifications of all forms of Tuberculosis were received as follows:—

| | Pulmonary. | Non-Pulmonary. |
|---------------|------------|----------------|
| Males | 32 | 10 |
| Females | 44 | 12 |
| Totals | 76 | 22 |
| Total | 98 | |

At the end of the year, after death removals, and cures had been adjusted, there were 587 cases on the register, made up as follows:—

| | Pulmonary. | Non-Pulmonary. |
|---------------|------------|----------------|
| Males | 194 | 76 |
| Females | 231 | 86 |
| Totals | 245 | 162 |
| Total | 587 | |

| Institution. | ADMISSIONS. | | DISCHARGES. | |
|---------------------|-------------|---------------|-------------|---------------|
| | Pulmonary | Non-Pulmonary | Pulmonary | Non-Pulmonary |
| Cymla Hospital | 38 | 3 | 40 | 3 |
| Talgarth | 5 | 0 | 6 | 0 |
| Llanybyther | 11 | 0 | 3 | 0 |
| Sully | 13 | 0 | 5 | 0 |
| Craig-y-Nos | 3 | 1 | 4 | 1 |
| Denbigh | 7 | 0 | 6 | 1 |
| Highland Moors | 0 | 0 | 0 | 0 |
| Glan Ely Hospital | 1 | 0 | 0 | 0 |
| Haverfordwest | 0 | 1 | 0 | 0 |
| Morrison Emergency | 12 | 0 | 10 | 0 |
| Princ's Royal Hosp. | 4 | 0 | 0 | 0 |
| Totals | 94 | 5 | 74 | 5 |

Deleted from Register:—

| | |
|-----------------------------|-------------|
| By Deaths | 30 |
| Removed from District | 12 |
| Transfers | 0 |
| Cured | 2 |
| Refuses Treatment | 0 |
| | <hr/> |
| | 44 |
| | <hr/> <hr/> |

The disease was notified as follows:—

| | |
|---|-------------|
| By Private Practitioners | 7 |
| By Tuberculosis Physicians | 91 |
| By Practitioners and Physicians | 0 |
| On Form "I" (Admission to Hospital) | 0 |
| Transfers | 0 |
| By M.O.H. | 0 |
| | <hr/> |
| | 98 |
| | <hr/> <hr/> |

The organs and tissues affected were:—

| | |
|--------------------|-------------|
| Glands | 12 |
| Epididimitis | 1 |
| Spine | 3 |
| Groin | 1 |
| Kidney | 1 |
| Abdomen | 3 |
| Hand | 1 |
| | <hr/> |
| | 22 |
| | <hr/> <hr/> |

The distribution of the notifications is as follows:—

| | Pulmonary. | Non-Pulmonary. |
|---------------------------|-------------|----------------|
| Margam West Ward | 18 | 7 |
| Margam Central Ward | 14 | 4 |
| Margam North Ward | 0 | 1 |
| Aberavon South Ward | 19 | 4 |
| Aberavon North Ward | 8 | 4 |
| Cwmavon Ward | 17 | 2 |
| | <hr/> | <hr/> |
| | 76 | 22 |
| | <hr/> <hr/> | <hr/> <hr/> |

Particulars of all cases notified and all deaths will be seen on Table VI.

After removal or death of a case of Tuberculosis, all premises and clothing are disinfected.

The treatment of Tuberculosis is carried out by the Welsh National Memorial for Tuberculosis. The patients are admitted to one or another of their Institutions.

The Tuberculosis Station that up to a few years ago was held at the Riding School now does not exist, and I consider that Port Talbot is large enough and central enough to warrant a Centre being held here.

All cases are visited by the Health Visitor as soon as notified, and Form T. 1, Wales is completed in each case and forwarded to the Tuberculosis Physician.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

Observations were taken under Section 3, but no occasion arose to cause procedure under Article 5 of the Regulations

PUBLIC HEALTH ACT, 1936, SECTION 172.

No action was necessary under this Section.

MATERNITY AND CHILD WELFARE.

The work carried out in connection with Maternity and Child Welfare includes:—

Health Visiting.

Infant Consultation at the Centres.

Ante-natal Visiting.

Dental Extractions.

The five Health Visitors now devote about half their time to school work. The new arrangement is working smoothly

Each child is visited as soon after its birth as possible, and the frequency of the re-visits depends upon the progress of the child and upon its home conditions.

In October, 1934 an Ante-natal Clinic and a Birth Control Clinic were opened. There are being held fortnightly and Dr. Sybil Morgan, Llantrisant, attends.

The Ante-natal Clinic is well patronised. The latter is conducted according to the Regulations of the Ministry of Health.

The attendances at these Clinics are to be seen in another part of this Report.

The work of the Health Visitors is shown in the following Table:—

| | First Visits. | Re-visits under 1 year. | Re-visits 1—5 |
|------|---------------|-------------------------|---------------|
| 1930 | 738 | 1,274 | 2,049 |
| 1931 | 699 | 1,241 | 1,776 |
| 1932 | 668 | 1,259 | 2,357 |
| 1933 | 635 | 1,029 | 2,734 |
| 1934 | 690 | 2,500 | 2,756 |
| 1935 | 646 | 1,857 | 2,187 |
| 1936 | 710 | 1,747 | 4,168 |
| 1937 | 671 | 1,254 | 4,773 |
| 1938 | 688 | 2,121 | 4,189 |
| 1939 | 648 | 1,697 | 3,746 |
| 1940 | 598 | 2,195 | 3,866 |
| 1941 | 674 | 1,627 | 3,280 |
| 1942 | 685 | 1,462 | 2,139 |
| 1943 | 610 | 1,597 | 2,139 |

Ante-Natal Visiting.

At present visits are paid by the Health Visitors to ante-natal cases whom they hear of in their districts.

The number of visits paid by the Health Visitors to ante-natal cases was:—

| 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 |
|------|------|------|------|------|------|------|------|------|------|------|
| 22 | 58 | 103 | 97 | 246 | 134 | 255 | 174 | 71 | 60 | 50 |

Still-Birth Visiting.

There were 18 stillbirths notified during the year.

Comparative figures:—

| 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 |
|------|------|------|------|------|------|------|------|------|------|------|
| 18 | 22 | 14 | 23 | 27 | 34 | 39 | 39 | 34 | 28 | 23 |

Still-births

Death Enquiries.

The purpose of these enquiries is to ascertain whether any conditions harmful to infant life are present which could be remedied.

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|--------------|------|
| 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 |
| | 12 | 17 | 22 | 12 | 34 | 35 | 9 | 29 | 27 | 46 |
| | | | | | | | | | Visits paid. | |

Ophthalmia Neonatorum.

There was one case notified.

Puerperal Pyrexia.

There were no cases notified.

Diarrhoea.

There were two deaths during the year.

Maternal Mortality.

There were no deaths due to pregnancy of child-birth during 1943.

Orthopaedic Treatment.

Arrangements have been made with the Prince of Wales' Orthopaedic Hospital, Cardiff, for this work. The children of parents who come within a scale of income are treated at the expense of the Maternity and Child Welfare Committee.

Treated at the Prince of Wales' Hospital—
13 in-patients, 10 out-patients.

Infant Welfare Centres.

These Centres are described on a previous page under "General Provisions of Health Services in the Borough."

The average number of attendances is as follows:—

TAIBACH—Total number of attendances 2,980.

| | | | | | | | | | | | |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1943. | 1942. | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. |
| Av'age No.
attending | 51 | 85 | 67 | 70.5 | 77 | 81 | 76 | 76.9 | 77.4 | 78.7 | 54.4 |

This Clinic is open weekly.

ABERAVON—Total number of attendances 617.

| | 1943. | 1942. | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Av'age No. attending | 24 | 28 | 27 | 18 | 51 | 77 | 83 | 82.7 | 67.1 | 75.2 | 63.6 |

This Centre is open fortnightly.

PENDARVES—Total number of attendances 1,227.

| | 1943 | 1942 | 1941 | 1940 | 1939 |
|-----------------------|------|------|------|------|------|
| Average No. attending | 47 | 58 | 50 | 54 | 64 |

This Clinic is held fortnightly.

CWMAVON—Total number of attendances 1,290.

| | 1943. | 1942. | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Av'age No. attending | 47 | 56 | 41 | 45 | 48 | 52 | 44 | 39.2 | 46.5 | 38.1 | 31.9 |

This Clinic is held fortnightly and should be held weekly.

BRYN—Total number of attendances 60.

| | 1943. | 1942. | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Av'age No. attending | 5 | 16 | 14 | 16 | 10 | 11 | 13 | 12 | 14 | 15.9 | 13.6 |

This Clinic is held monthly and it most certainly should be held more frequently.

Total attendances—Ante-natal Clinic 269; Birth Control 92.

TUBERCULOSIS.**Visits by Health Visitors.**

1943. 1942. 1941. 1940. 1939. 1938. 1937. 1936. 1935. 1934. 1933.

| | 1943. | 1942. | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| No. of Re-visits | 379 | 312 | 282 | 308 | 329 | 281 | 364 | 341 | 224 | 204 | 163 |
| No. of Visits made to notified cases | 95 | 76 | 94 | 68 | 75 | 70 | 75 | 70 | 88 | 94 | 59 |

The visit of the Health Visitors is educative, and the patients are told how to help themselves through the disease, and the importance of preventing the spread of infection is emphasised.

The names of child contacts attending school are obtained in this way.



TABLE I.

Summary of Statistics and Social Conditions of the Area
after correction for Inward and Outward Transfers as
furnished by the Registrar General.

| | Total. | Males. | Females. |
|--------------------|--------|--------|----------|
| Live Births:— | | | |
| Legitimate | 685 | 356 | 329 |
| Illegitimate | 23 | 8 | 15 |

Birth-rate per 1,000 population—16.5.

| | Total. | Males. | Females. |
|--------------------|--------|--------|----------|
| Still-Births:— | | | |
| Legitimate | 27 | 14 | 13 |
| Illegitimate | 3 | 2 | 1 |

Birth-rate per 1,000 (live and still) births—0.51.

| | Total. | Males. | Females. |
|--------------|--------|--------|----------|
| Deaths | 506 | 297 | 209 |

Death-rate per 1,000 of the estimated resident population—13.2.

| Deaths from Puerperal Causes:— | | Rate per 1,000 total
Live & Still Births. |
|--|----------|--|
| No. 29—Puerperal Sepsis | 0 | 0.0 |
| No. 30—Other Puerperal
Causes | 0 | 0.0 |
| Total | <u>0</u> | <u>0.0</u> |

Death-rate of Infants under one year of age:—

| | |
|---|----|
| All infants per 1,000 live births | 49 |
| Legitimate infants per 1,000 live births | 48 |
| Illegitimate infants per 1,000 illegitimate births..... | 0 |
| Deaths from Cancer (all ages) | 80 |
| Deaths from Measles (all ages) | 0 |
| Deaths from Whooping Cough (all ages) | 1 |
| Deaths from Diarrhoea (under 2 yrs. of age) | 2 |

TABLE II.

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case Rates for certain Infectious Diseases in the year 1943.

| | England and Wales. | 126 County Boro's and Great Towns including London | 148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census) | London Administrative County |
|--|--------------------|--|--|------------------------------|
| Rates per 1,000 Civilian Population. | | | | |
| <i>Births</i> :— | | | | |
| Live | 16.5 | 18.6 | 19.4 | 15.8 |
| Still | .51 | .63 | .61 | .45 |
| <i>Deaths</i> :— | | | | |
| All Causes | 12.1 | 14.2 | 12.7 | 15.0 |
| Typhoid and Paratyphoid | 0.00 | 0.00 | 0.00 | 0.00 |
| Scarlet Fever | 0.00 | 0.00 | 0.00 | 0.00 |
| Whooping Cough ... | 0.03 | .03 | .03 | .03 |
| Diphtheria | .03 | .04 | .04 | .02 |
| Influenza | .37 | .36 | .37 | .07 |
| Small Pox | — | — | — | — |
| Measles | .02 | .02 | .02 | .02 |
| <i>Notifications</i> :— | | | | |
| Typhoid Fever | .01 | .01 | .02 | .01 |
| Paratyphoid Fever | .01 | .01 | .01 | .01 |
| Cerebro-spinal Fever | .08 | .10 | .06 | .09 |
| Scarlet Fever | 3.01 | 3.29 | 3.54 | 3.80 |
| Whooping Cough | 2.54 | 2.82 | 2.25 | 2.68 |
| Diphtheria | .88 | 1.12 | .77 | .74 |
| Erysipelas | .31 | 0.35 | .27 | .42 |
| Smallpox | — | — | — | — |
| Measles | 9.88 | 9.23 | 9.77 | 9.17 |
| Pneumonia | 1.34 | 1.62 | 1.16 | 1.27 |
| Rates per 1,000 Live Births :— | | | | |
| Deaths under 1 year of age | 49 | 58 | 46 | 58 |
| Deaths from Diarrhoea & Enteritis under 2 years of age | 5.3 | 7.9 | 4.4 | 10.4 |
| Rates per 1,000 Total Births (Live & Still). | | | | |
| <i>Maternal Mortality</i> —
(Excluding Abortion) | | | | |
| Puerperal Infection (No. 147) | .42 | } <i>Not available.</i> | | |
| Others | 1.59 | | | |
| Total | 2.01 | | | |
| <i>Notifications</i> :— | | | | |
| Puerperal Fever } | | | | 3.05 |
| Puerperal Pyrexia } | 11.68 | 15.11 | 9.26 | 15.23* |

*Including Puerperal Fever.

TABLE III.
SUMMARY OF INFECTIOUS DISEASES.

The following table shows the number of Infectious Diseases notified and their distribution into Wards:—

| 1943.
WARDS | Scarlet Fever. | Diphtheria. | Diphtheria &
Scarlet Fever. | Erysipelas. | Encephalitis
Lethargica. | Cerebro-Spinal
Meningitis. | Pneumonia. | Ophthalmia
Neonatorum. | Puerperal
Fever. | Puerperal
Pyrexia. | Tuberculosis :
Pulmonary. | Non-
Pulmonary. | Enteric Fever | Small Pox | Poliomyelitis. |
|----------------|----------------|-------------|--------------------------------|-------------|-----------------------------|-------------------------------|------------|---------------------------|---------------------|-----------------------|------------------------------|--------------------|---------------|-----------|----------------|
| Margam W. | 35 | 32 | 0 | 1 | 1 | 2 | 3 | 0 | 1 | 0 | 18 | 7 | 0 | 0 | 0 |
| Margam C. | 20 | 22 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 14 | 4 | 0 | 0 | 0 |
| Margam N. | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Aberavon S. | 29 | 50 | 0 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 19 | 4 | 0 | 0 | 0 |
| Aberavon N. | 9 | 21 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 18 | 4 | 0 | 0 | 0 |
| Cwmavon | 4 | 28 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 2 | 0 | 0 | 0 |
| Totals | 94 | 154 | 0 | 3 | 1 | 13 | 5 | 0 | 2 | 0 | 76 | 22 | 0 | 0 | 0 |

TABLE IV.

OPHTHALMIA NEONATORUM.

| | Notified. | TREATED— | | Deaths. |
|-----------------------|-----------|----------|--------------|---------|
| | | At Home. | In Hospital. | |
| Ophthalmia Neonatorum | 0 | 0 | 0 | 0 |

TABLE V.

TUBERCULOSIS.

New cases and mortality during 1943:—

| | NEW CASES. | | | | DEATHS. | | | |
|--------------------------------|------------|----|----------------|----|------------|----|----------------|----|
| | Pulmonary. | | Non-Pulmonary. | | Pulmonary. | | Non-Pulmonary. | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Under 1 yr. | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Over 1 yr and under 5 yrs. | 0 | 1 | 3 | 2 | 0 | 0 | 1 | 2 |
| Over 5 yrs. and under 10 yrs. | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 |
| Over 10 yrs. and under 15 yrs. | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Over 15 yrs. and under 20 yrs. | 5 | 5 | 2 | 1 | 1 | 2 | 0 | 0 |
| Over 20 yrs. and under 25 yrs. | 7 | 11 | 0 | 1 | 2 | 2 | 1 | 0 |
| Over 25 yrs. and under 35 yrs. | 6 | 8 | 2 | 2 | 2 | 2 | 0 | 0 |
| Over 35 yrs. and under 45 yrs. | 5 | 4 | 1 | 2 | 2 | 2 | 0 | 0 |
| Over 45 yrs. and under 55 yrs. | 3 | 2 | 0 | 0 | 2 | 0 | 1 | 0 |
| Over 55 yrs. and under 65 yrs. | 4 | 1 | 0 | 1 | 4 | 0 | 0 | 0 |
| Over 65 yrs. | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Totals | 32 | 44 | 10 | 12 | 14 | 9 | 4 | 2 |

TABLE VI.

Table showing the number of cases of Infectious Disease removed to the Hospital since the opening of the Institution.

Treated at Old Isolation Hospital years 1897 to 1931 inclusive:—

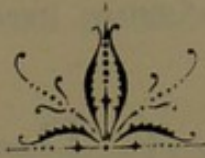
| | |
|--|-------|
| Scarlet Fever | 1,325 |
| Diphtheria | 1,692 |
| Typhoid Fever | 25 |
| | 3,042 |
| Add cases treated in Hospital from Margam District prior to Amalgamation | 172 |
| | 3,214 |

Treated at Groeswen Hospital:—

| Year. | Scarlet Fever. | Diphtheria. | Scarlet Fever & Diphtheria. | Erysipelas. | Meningitis. | Puerperal Pyrexia. | Infantile Paralysis. | Enteric Fever. |
|--------|----------------|-------------|-----------------------------|-------------|-------------|--------------------|----------------------|----------------|
| 1933 | 134 | 26 | 2 | 9 | 0 | 0 | 0 | 0 |
| 1934 | 175 | 76 | 1 | 5 | 0 | 0 | 0 | 0 |
| 1935 | 53 | 23 | 1 | 3 | 0 | 0 | 0 | 0 |
| 1936 | 168 | 27 | 0 | 7 | 0 | 0 | 0 | 2 |
| 1937 | 181 | 21 | 1 | 0 | 0 | 0 | 0 | 2 |
| 1938 | 289 | 118 | 0 | 2 | 1 | 4 | 3 | 1 |
| 1939 | 55 | 140 | 1 | 2 | 2 | 3 | 1 | 0 |
| 1940 | 45 | 133 | 0 | 5 | 38 | 5 | 0 | 0 |
| 1941 | 38 | 64 | 1 | 1 | 26 | 0 | 0 | 0 |
| 1942 | 52 | 45 | 0 | 6 | 13 | 1 | 0 | 0 |
| 1943 | 94 | 154 | 0 | 1 | 7 | 0 | 0 | 0 |
| Totals | 1284 | 837 | 7 | 41 | 87 | 13 | 4 | 5 |

TABLE VII.
Classification of Causes of Death during 1943.
 As recorded by the Registrar General.

| <i>Causes of Death.</i> | M. | F. |
|--|-----|-----|
| All Causes | 297 | 209 |
| 1. Typhoid and Paratyphoid Fevers | 0 | 0 |
| 2. Cerebro-spinal Fever | 1 | 0 |
| 3. Scarlet Fever | 0 | 0 |
| 4. Whooping Cough | 0 | 1 |
| 5. Diphtheria | 2 | 2 |
| 6. Tuberculosis of Respiratory System | 20 | 12 |
| 7. Other Forms of Tuberculosis | 4 | 2 |
| 8. Syphilitic Disease | 0 | 1 |
| 9. Influenza | 12 | 5 |
| 10. Measles | 0 | 0 |
| 11. Acute Poliomyelitis and Polioencephalitis | 1 | 0 |
| 12. Cancer of buccal cavity (M) | 4 | 0 |
| 13. Cancer of Uterus (F) | 0 | 4 |
| 14. Cancer of stomach and duodenum | 15 | 10 |
| 15. Cancer of breast | 0 | 8 |
| 16. Cancer of all other sites | 28 | 11 |
| 17. Diabetes | 0 | 2 |
| 18. Intra-cranial vascular lesions | 22 | 28 |
| 19. Heart Disease | 73 | 47 |
| 20. Other diseases of the Circulatory System | 4 | 1 |
| 21. Bronchitis | 14 | 8 |
| 22. Pneumonia | 15 | 10 |
| 23. Other Respiratory Diseases | 7 | 3 |
| 24. Ulceration of Stomach or Duodenum | 4 | 1 |
| 25. Diarrhoea under 2 years | 2 | 0 |
| 26. Appendicitis | 4 | 4 |
| 27. Other Digestive Diseases | 2 | 5 |
| 28. Nephritis | 5 | 15 |
| 29. Puerperal and Post-abortive Sepsis | 0 | 0 |
| 30. Other Maternal Causes | 0 | 1 |
| 31. Premature Birth | 5 | 7 |
| 32. Congenital Malformations, Birth Injury, Infantile
Disease | 9 | 2 |
| 33. Suicide | 2 | 0 |
| 34. Road Traffic Accidents | 1 | 0 |
| 35. Other Violent Causes | 12 | 2 |
| 36. All other causes | 29 | 17 |
| Deaths of Infants under One year :— | | |
| Total | 28 | 13 |
| Legitimate | 27 | 13 |
| Illegitimate | 1 | 0 |
| Live Births :— | | |
| Total | 361 | 344 |
| Legitimate | 352 | 329 |
| Illegitimate | 8 | 15 |
| Still-births :— | | |
| Total | 16 | 14 |
| Legitimate | 14 | 13 |
| Illegitimate | 2 | 1 |



BOROUGH OF PORT TALBOT.



Annual Report

of the

Chief Sanitary Inspector

FOR THE YEAR 1943.



Borough of Port Talbot

To the Mayor, Aldermen and Councillors of
the Borough of Port Talbot.

Mrs. Edwards and Gentlemen.

I have the honour of presenting to you my Tenth Annual Report upon the activities of your Sanitary Services.

For reasons that will readily be appreciated, this Report is much shorter than its forerunners. Whilst statistics of our duties are recorded, only brief reference can be made to our general activities. When we shall have been relieved of our Civil Defence and War Emergency duties, and with the removal of the embargo imposed by war upon the many social and public health improvements of local authorities, we shall be able to draw upon much information that has been obtained during the war years, and which at present is being recorded in our files, but is not included in our Reports.

Bearing in mind the very considerable time devoted by your Inspectors to Civil Defence Duties, I am pleased to report that your Sanitary Services were again maintained on a very satisfactory level during 1943.

I have to acknowledge and thank my Staff for its loyalty and efficiency during such an abnormal period.

I am,

Mrs. Edwards and Gentlemen,

Your obedient Servant,

G. A. Morgan.

Chief Sanitary Inspector

**The Report of G. A. Morgan, Chief Sanitary Inspector
and Inspector under the Factories
and Housing Acts.**

GENERAL INSPECTION OF DISTRICT.

The nature and number of inspections carried out by your Inspectors during the year were as follows:—

| | |
|--|--------|
| Housing Inspections and Re-inspections | 2,781 |
| Structural Defects | 1,854 |
| Foul Conditions | 975 |
| Disinfestations | 201 |
| Overcrowding | 215 |
| Schools | 198 |
| Pigstyes and Swine Keeping | 460 |
| Ashpits, Privies and Cesspools | 291 |
| Stables, Refuse and Manure | 97 |
| Animals Improperly Kept | 49 |
| Other Nuisances | 475 |
| Slaughterhouses | 524 |
| Meat and Other Foods | 2,541 |
| Cowsheds and Dairies | 485 |
| Water Supplies | 537 |
| Drains, Yards and W.C's. | 1,835 |
| Infectious Diseases | 311 |
| Workshops and Bakehouses | 74 |
| Common Lodging Houses | 37 |
| Offensive Trades | 41 |
| Cinemas | 49 |
| Tenements | 29 |
| Billeting | 4,746 |
| Information Centres | 21 |
| Food Salvage | 147 |
| Military Camps | 29 |
| Air Raid Shelters | 502 |
| Totals | 19,504 |

The number of Nuisances discovered, together with the number of Notices served during the year, were as follows:—

| Nature of Inspections. | Nuisances Discovered. | Informal Notices Served. | Statutory Notices Served. |
|---|-----------------------|--------------------------|---------------------------|
| Structural Defects | 273 | 273 | 101 |
| Foul Conditions | 181 | 181 | 74 |
| Infestation | 7 | 7 | — |
| Overcrowding | 5 | — | — |
| Schools | 4 | 4 | — |
| Pigstyes & Swine keep-
ing | 17 | 17 | 5 |
| Ashpits, Privies and
Cesspools | 14 | 14 | 1 |
| Stables, Refuse and
Manure | 29 | 29 | 4 |
| Animals Improperly
Kept | 8 | 8 | 2 |
| Other Nuisances | 21 | 21 | 9 |
| Cowsheds and Dairies | 18 | 18 | — |
| Water Supplies | 101 | 101 | 49 |
| Drains, Yards and
W.C.'s. | 118 | 118 | 81 |
| Workshops and Bake-
houses | | | |
| Common Lodging
Houses | 1 | 1 | — |
| Offensive Trades | 2 | 2 | — |
| Tenements | 9 | 9 | — |
| Totals | 808 | 803 | 326 |

The work carried out in order to abate the various nuisances discovered was as follows:—

Structural Defects.

45 sash cords fixed, 4 kitchen hearths relaid, 21 down-pipes provided, 27 doors repaired, 5 flushings renewed, 1 flue repaired, 11 ovens repaired, 7 new ovens fixed, 1 chimney stack rebuilt, 2 dangerous walls rebuilt, 9 firegrates renewed, 19 firegrates repaired, 17 floors relaid, 35 floors repaired, 44 roofs repaired, 33 walls replastered, 4 boundary walls rebuilt, 94 walls made damp-proof, 1 roof reslated, 11 walls repaired, 24 ceilings repaired, 6 new ceilings fixed, 1 entrance gate repaired, 16 skirting boards repaired, 43 windows repaired, 12

new windows fixed, 5 doors rehung, 9 stairs repaired, 9 new floor ventilators fixed, 3 coal houses repaired, 1 food storage facilities provided, 37 shoots repaired, 12 new shoots fixed, 15 external walls rendered, 2 window sills renewed, 2 roof timbers renewed, 22 fascia boards fixed, 4 handrails repaired and secured, 2 dangerous structures demolished.

Drains, Yards and W.C's.

7 soil ventilation shafts fixed, 3 internal w.c's. provided, 23 new flushing tanks fixed, 14 water supplies provided to w.c's, 31 flushing tanks repaired, 1 sink repaired, 16 new sinks provided, 2 sink waste pipes provided, 26 tank overflows adjusted, 1 automatic flushing tank repaired, 8 w.c. walls replastered, 3 w.c's. cleansed, 5 inspection chamber covers provided, 1 w.c. pan cleansed, 14 inspection chambers provided, 1 sewer repaired, 14 soil and ventilation shafts repaired, 13 new w.c. pans fixed, 3 overflow pipes fixed, 3 new bath waste pipes fixed, 4 gully grids provided, 21 defective joints to w.c. pans repaired, 28 w.c. seats repaired or renewed, 23 drainage systems relaid, 49 drainage systems repaired, 2 yard channellings provided, 10 yards relaid, 33 yards repaired.

Foul Conditions.

57 blocked drains cleared, 1 nuisance of flooding abated, 5 filthy premises cleansed, 7 verminous houses cleansed, 3 foul gutters cleansed, 9 foul accumulations removed, 4 cesspools cleaned out, 2 cesspools abolished, 3 blocked sewers cleared, 4 road gullies cleansed.

Schools.

2 drains cleared, 2 urinals and w.c's. cleansed.

Pigstyes and Swine-keeping.

7 floors of styes relaid, 5 nuisances from improper keeping of swine abated, 3 styes cleansed, 2 styes drained, 1 styelime washed.

Stables, Refuse and Manure.

3 stables drained, 5 stables lime washed and cleansed, 1 drainage pit provided, 10 accumulations of manure removed, 1 refuse dump sprayed with disinfectant to destroy plague of crickets.

Ashpits, Privies and Cesspools.

4 cesspools cleaned out, 2 cesspools abolished, 1 public ashbin cleared and cleansed, 3 pails provided in privies, 1 privy structure repaired, 1 privy cleaned out.

Animals Improperly Kept.

3 improperly kept greyhounds, 2 chicken and ducks near dwellings, 1 pigeon nuisance.

Other Nuisances.

7 rat nuisances abated, 2 smoke nuisances abated, 3 caravan dwellings removed, 2 pit shafts sealed, 1 illegal occupation of lock-up shop as dwelling house abated.

Water Supplies.

12 water service systems renewed, 7 water systems cleansed, 71 water service systems repaired, 41 water taps repaired or renewed, 9 new cylinders provided, 12 cylinders repaired, 12 new boilers fixed, 6 hot water supplies repaired or restored.

Tenements.

3 food storage facilities provided, 4 cooking facilities provided, 4 handrails repaired and secured.

Common Lodging Houses.

1 lodging house cleansed and limewashed.

Offensive Trades.

1 nuisance of foul smells from fat boiling abated, 1 gut-scraping premises limewashed.

Meat and Food Inspection.

The quantity of diseased and unsound meat condemned during the year at the Public Abattoir was:—

12 cow carcasses and offals affected with generalized Tuberculosis, 60 cow heads affected with Tuberculosis, 71 cow lungs affected with Tuberculosis, 21 cow livers affected with Tuberculosis, 55 cow mesenteries affected with Tuberculosis, 1 cow forequarter affected with Tuberculosis, 2 cow intestines affected with Tuberculosis, 2 cow lungs affected

with Fluke and Abscesses, 27 cow lungs with Hydatid Cysts, 8 cow livers with distematitis, 2 cow livers affected with Fluke, 26 cow livers affected with Cavernous Angioma, 1 cow stomach affected with Tuberculosis, 52 cow livers affected with Cirrhosis, 32 cow spleens affected with Hydatid Cysts, 2 cow udders affected with Tuberculosis, 23 cow livers affected with Abscesses, 2 cow intestines affected with Inflammation, 94lbs. cow beef affected with bruising, 7 bovine carcasses and offals affected with generalized Tuberculosis, 1 bovine carcass affected with Septic Emaciation, 21 bovine heads affected with Tuberculosis, 12 bovine lungs affected with Tuberculosis, 5 bovine livers affected with Tuberculosis, 16 bovine mesenteries affected with Tuberculosis, 2 bovine intestines and stomachs affected with Tuberculosis, 14 bovine heads affected with Actinomycosis, 3 bovine lungs affected with Abscesses, 12 bovine lungs affected with Hydatid Cysts, 1 bovine lung affected with Fluke, 8 bovine livers affected with Hydatid Cysts, 1 bovine tongue affected with Actinomycosis, 2 bovine livers affected with Cirrhosis and Hydatid Cysts, 1 bovine liver affected with Cirrhosis and Fluke, 2 bovine livers affected with Abscesses and Hydatid Cysts, 1 bovine liver affected with Cavernous Angioma, 2 bovine livers affected with Bacterial Necrosis, 1 bovine kidney affected with Abscesses, 3 pig carcasses and offals Dropsical, 5 pig carcasses affected with generalized Tuberculosis, 8 pigs heads affected with Tuberculosis, 2 pigs lungs affected with Tuberculosis, 3 pigs plucks dropsical, 1 pig's liver affected with Necrosis, 1 calf's liver affected with Tuberculosis, 1 calf's kidney affected with bruising, 2 calf livers affected with Abscesses, 4 lamb carcasses affected with bruising, 8 lamb carcasses with Asphixiation, 2 lamb carcasses dropsical, 1 sheep's lungs Parasitic, 3623 sheep lungs affected with Threadworm, 107 sheep lungs affected with Hydatid Cysts, 31 sheep livers affected with Hydatid Cysts and Flukes, 66 sheep livers Parasitic, 60 sheep livers affected with Abscesses, 171 sheep livers affected with Fluke, 17 sheep livers affected with Cirrhosis, 154 sheep livers affected with Hydatid Cysts, 302 sheep plucks affected with Threadworm and Fluke, 220 sheep plucks affected with Abscesses, Fluke and Hydatid Cysts, 297 sheep plucks affected with Threadworm and Abscesses, 3 sheep hearts affected with Abscesses, 13 sheep plucks affected with Hydatid Cysts and Abscesses, 1 cow liver affected with Fatty Infiltration, 1 cow liver affected with Pericarditis, 1 cow udder affected with Mammitis, 2 sheep forequarters affected with Abscesses. 1 leg of pork affected with extensive Bruising, cow caul fat affected with Tuberculosis, 3 lamb carcasses and offals affected with Pneumonia, 1 calf dead before slaughter.

Unsound or unwholesome food condemned or surrendered outside the Abattoir was as follows:—

156 tins of Pork Luncheon Meat, 3 tins of Pork Tongue, 32 tins of Stewed Steak, 14 tins of Salmon, 217 tins of Evaporated Milk, 37 tins of Pork Sausage Meat, 3 tins of Brisket Beef, 16 tins of Machine Skimmed Milk, 13 tins of Sweetened Milk, 56 tins of Nestles Milk, 54 tins of Full Cream Milk, 129 tins of Pilchards, 50 tins of Baked Beans, 4 tins of Syrup, 22 tins of Plums, 16 tins of Pineapple Cubes, 24 tins of Canned Apples, 92 tins of Sardines, 21 tins of Peninican and Bovril, 9 tins of Chopped Ham, 4 tins of Peaches, 3 tins of Herrings, 870 tins of Corned Beef, 2 tins of Vegetables in Gravy, 6 tins of Prepared Hot Lunch, 1 tin of Mackerel, 2 tins of Bacon, 1 tin of Vienna Sausage Ends and Pieces, 2 tins of Prem, 3 tins of Meat, 1 tin of Pears, 1 tin of Ox-tail Soup, 32 tins of Benger's Food, 4 tins of Beetroot, 1 tin of Mixed Vegetables, 1 tin of Blackberries, 14 tins of Peas, 5 tins of Prepared Meal, 56 tins of Corned Mutton, 17 tins of Carrots, 2 tins of Canned Rabbit, 1 tin of Soup, 1 tin of Fish Roll, 1 tin of Kidney Soup, 5 tins of Fish Balls, 1 tin of Party Loaf, 1 tin of Minced Beef Loaf, 2 tins of Pork Luncheon Party Loaf, 1 tin of Meat and Vegetable Ration, 1 tin of Boned Chicken, 49 packets of Steamed Pudding Mixture, 11 packets of Yorkshire Pudding Mixture, 22 cwt. and 1 quarter and 23½lbs. of Dried Peas, 6¾lbs. of Tea, 370 Fish Cakes, 1 packet of Dried Eggs, 4 jars of Meat Paste, 26lbs. of Onions, 2 pots of Fish Paste, 7¾lbs. of Gelatine, 121lbs. of Bacon, 29½lbs. of Beef, 40lbs. of Pork, 154lbs. of Frozen Pork, 153lbs. of Boneless Frozen Beef, 56lbs. of Chilled Beef, 19lbs. of Ham, 34lbs. of Corned Beef, 102lbs. of Mutton, 72lbs. of Liver, 33lbs. of Hake, 62¾lbs. of Butter, 67½lbs. of Margarine, 420lbs. of Kippers, 6lbs. of Dried Apples, 21lbs. of Oatmeal, 2 packets of Cocoa, 224lbs. of Rice, 25 cwt. of Pickling Cabbage, 53 mats of Cabbage, 24lbs. of Flour, 6lbs. of Marmalade, 6 bottles of Sauce, 283lbs. of Jam, 11 packets of Kellogg's All Bran, 335¾lbs. of Cheese.

The whole of the meat condemned at the Abattoir and a substantial part of the food condemned on the District was handed over to the Ministry of Food Salvage Department for conversion into Animal Feeding Products, or for use for industrial purposes.

Food and Drugs Act, 1938 and Regulations.

Owing to the retirement of Dr. Seyler, and the closing of the Swansea Laboratory, the analysis of foods for adul-

teration is now made by the Cardiff and County Public Health Laboratory. Mr. J. H. Sugden, M.Sc., F.I.C., and Mr. D. E. Jones, M.Sc., F.I.C., having been appointed Public Analyst and additional Public Analyst respectively for the Borough of Port Talbot.

The variety of foods, number of samples and result of analysis for 1943 were as follows:—

| <i>Article Sampled.</i> | <i>No. of
Samples taken.</i> | <i>Genuine.</i> | <i>Not
Genuine</i> |
|---|----------------------------------|-----------------|------------------------|
| Milk | 85 | 82 | 3 |
| Sweetened Cake Mixture..... | 1 | 1 | — |
| Egg Substitute Powder | 1 | 1 | — |
| Health Salts | 1 | 1 | — |
| Flour | 4 | 4 | — |
| Porridge | 1 | 1 | — |
| Forcemeat | 2 | 2 | — |
| Beef & Vegetable Extract | 1 | 1 | — |
| Lard | 6 | 6 | — |
| Butter | 5 | 5 | — |
| Margarine | 2 | 2 | — |
| Custard Powder | 2 | 2 | — |
| Pudding Mixture | 2 | 2 | — |
| Sweetened Cake Flour | 1 | 1 | — |
| Cake Powder | 1 | 1 | — |
| Vinegar | 4 | 4 | — |
| Gravy Browning | 1 | 1 | — |
| Coffee | 1 | 1 | — |
| Beer | 1 | 1 | — |
| Whiskey | 2 | 2 | — |
| Pudding Mixture | 1 | 1 | — |
| Orange Squash | 1 | 1 | 1 |
| Scotch Oatmeal | 1 | 1 | — |
| Yorkshire Pudding and
Pancakes | 1 | 1 | — |
| Pudding Mixture | 1 | 1 | — |
| Chocolate Pudding | 1 | 1 | — |
| Mixed Spice | 1 | 1 | — |
| Orangeast | 1 | — | — |
| Mixed Waxes | 1 | 1 | — |
| Totals | 133 | 129 | 4 |

The comparison with the previous year is as follows:—

| Year. | No. of
Samples taken. | Genuine | Not
Genuine. |
|------------|--------------------------|-----------|-----------------|
| 1942 | 159 | 128 | 31 |
| 1943 | 135 | 128 | 4 |

It will be seen from the above comparison that the number of samples taken during 1943 were less than that of 1942. Owing to staffing difficulties at the Laboratory, coupled with the increased work of analysis, the number of samples we were allowed to take was determined by the Laboratory. Outstanding, however, was the considerable drop in the number of foods found upon analysis to be adulterated or below standard.

Number of Samples taken per 1,000 of population (estimated 1941 at 40,750)—3.34.

Percentage of Milks taken not conforming to standards in relation to number taken—3.53%.

Percentage of Foods other than Milks not conforming to standards in relation to number taken—2.13%.

Percentage of all Foods samples not conforming to standards in relation to number taken—3.33%.

PARTICULARS OF FOODS ADULTERATED OR FALLING BELOW STANDARD.

During the year four sampled foods were proved upon analysis to be adulterated or falling below standard. Three of these foods were Milk, and the fourth was Orange Squash.

Milk.

The samples of Milk were:—

- 1.—18% fat deficiency.—C. Mortimer, Pant-Emroch Farm, Port Talbot.
- 2.—9% added water.—William Jones, Glenavon Farm, Taibach, Port Talbot.
- 3.—10% added water.—S. Cound, Penylan Farm, Aberkenfig.

No. 1. On the 10th of August a sample of milk was taken during distribution from the van of Cyril Mortimer, of Pant-Emroch Farm, and was found upon analysis to be deficient in milk fat to the extent of not less than eighteen per cent. On the morning of the 11th August an "appeal to cow" sample was taken at the Farm, and proved to be genuine. Proceedings were taken, and a penalty of £2 and 15/- Analyst fee imposed.

Nos. 2 and 3. Milk sampled during distribution in the Taibach area on the morning of December the 14th by William Jones, of Glenavon Farm, was proved upon analysis to be adulterated with at least nine per cent of added water. This milk was obtained from Fynnon Iago Farm, Margam, and Penylan Farm, Aberkenfig. Two formal samples were taken when the milk arrived at Taibach on the morning of the 15th, and proved to be genuine. On the morning of December 16th I took two formal samples of each supply at the delivery points at Margam and Aberkenfig. These were again proved to be genuine, I therefore decided to leave the matter in abeyance until immediately following the Christmas holidays. I arranged on the morning of December the 28th to have two samples of milk taken from the Penylan Farm supply at Aberkenfig before the milk reached the delivery point, and of course before it left the custody of the farm bailiff of Penylan Farm. One of these samples proved upon analysis to be adulterated with at least ten per cent. of added water. This finally confirmed my suspicion that this was the point at which adulteration was taking place. Samples taken later, directly from the cows of this farm, proved the milk to be genuine in every respect.

Proceedings were taken against Samuel Cound, the owner of Penylan Farm, who had contracted to supply genuine milk to William Jones the retail distributor. Mr. Cound availed himself of the protective provisions of Section 83 of the Food and Drugs Act, 1938, and laid information against the farm bailiff—George Meadows. The case against Samuel Cound was dismissed, and a penalty of £5 and 3 guineas costs was imposed against George Meadows. No proceedings were taken against William Jones, the retailer, as our investigations proved the adulterations to be taking place at Penylan Farm before the milk would come into the possession of William Jones.

Orange Squash. A sample of orange squash purchased from Miss Evelyn Earl, of 1, Park Street, Taibach. The

analysis indicated the citric acid content to be only 1.33 parts per cent.—which was a deficiency of $11\frac{1}{3}\%$, and the saccharine content to be .05 parts per cent.—showing a deficiency of 20%. The Soft Drinks Order of 1943 requires a citric acid content of 1.5%, and a saccharine content of 0.0625%. The orange squash had been purchased under warranty from Messrs. Edwards Bros., of Taibach, who, in turn, had purchased same under warranty from the Manufacturers—Messrs. The Super Aerated Water Co., of Neath. Proceedings were therefore taken, as provided by Section 83 of the Food and Drugs Act, 1938 against the Manufacturers. A penalty of £1 and 15/- analyst fee was imposed.

The Sale of Milk Regulations 1939.

These regulations provide that unless milk contains a minimum of 3% of fat and 8.5% milk solids other than milk fat, it shall be presumed until the contrary is proved that the milk is not genuine. The average percentage composition of the whole of the milk sampled in the Borough in 1943 was as follows:—

| Number of Milk samples examined. | Milk fat percentage. | Solids not fat percentage. |
|----------------------------------|----------------------|----------------------------|
| 85 | 3.63% | 8.66% |

These figures for 1942 were:—

| Number of Milk samples examined. | Milk fat percentage. | Solids not fat percentage. |
|----------------------------------|----------------------|----------------------------|
| 64 | 3.8% | 8.7% |

It will be seen that the nutritive value of milk has dropped when compared with the 1942 results. This appears to be general in other South Wales areas, and is claimed to be due to feeding and breeding difficulties brought about by war-time conditions. This problem is causing some concern to one of the largest wholesale dairy firms in South Wales where investigations and statistics indicate the same decrease in the nutritive milk constituents.

The Public Health (Preservatives, etc., in Food) Regulations 1925-1940.

In no food submitted for analysis during the year did the Public Analyst report the presence of preservatives.

Cowsheds and Dairies.

I regret having to again report that the standard of milk production has fallen considerably below that maintained up to the outbreak of hostilities. We were reluctantly obliged during the year to remove three Producer Retailers from our register of Dairymen. The conditions of these farms were such as to constitute a danger to public health. Proceedings were also instituted against a local firm of dairymen for delivering milk in a filthy container. A total of 485 visits were made to farms and dairies during the year. Farmers appear to neglect the necessary limewashing of cowsheds at six monthly intervals, and the attention of 18 cow-keepers was drawn to this default.

National Milk Testing and Advisory Scheme.

During the year Council decided that its Sanitary Inspectors should co-operate with the Officers of the Ministry of Agriculture to encourage an increased production of milk—special regard being paid and administrative machinery being introduced to safeguard the purity of such supplies. The Ministry of Agriculture has established a Laboratory at Swansea for the testing of our producer-retailer milks by the routine Resazurin Test. This is a test upon the relative keeping quality of the various milks. We commenced taking samples in September, and a total of 354 samples were taken by the end of the year. The milk is classified into categories "A, B. & C." It is unfortunate that the Ministry prohibit the publishing of figures and information upon the results of these tests, claiming that the Scheme is essentially an advisory one, and to broadcast the results would betray the confidence of the milk producer whose interests it endeavours to encourage. The classified categories of the milk sampled at Port Talbot for the last three months of 1943 were as follows:—

Category A—235. Category B—71. Category C—48.

Designated Milks.

The following persons were licenced during the year to retail graded milks within the Borough under the provisions of the Milk and Dairies (Special Designations) Regulations, 1936-41:—

- Messrs. The Portavon Dairies Ltd., Port Talbot.
Tuberculin Tested Milk Bottling Licence.
- Messrs. The Portavon Dairies Ltd., Port Talbot.
Pasteurised Milk : Pasteuriser's Licence.
- Messrs. The Afon Valley Co-operative Society, Cwmavon.
Pasteurised Milk : Supplementary Licence.

- Messrs. The Pantdu Co-operative Society, Cwmavon.
Pasteurised Milk : Supplementary Licence.
- Messrs. The Pontrhydyfen Co-operative Society.
Pasteurised Milk : Supplementary Licence
- Messrs. The Briton Ferry & Neath Co-operative Society.
Pasteurised Milk : Supplementary Licence
- Messrs. The Taibach & Port Talbot Co-operative Society.
Pasteurised Milk : Supplementary Licence.

Milk Sampled for Bacteriological Standard at Cardiff and County Public Health Laboratory.

A total of 42 samples of milk were submitted for bacteriological examination during the year. Of this number 16 were pasteurised milk and 26 of ordinary milk. The results were as follows:—

Pasteurised Milk.—Satisfactory 14, doubtful 1, unsatisfactory 1.

Ordinary Milk.—Satisfactory 12, unsatisfactory 14.

Slaughterhouses.

The whole of the slaughtering for this area together with that for Glyncoirwg U.D.C., Porthcawl U.D.C., and part of the Penybont R.D.C., was centralised at the Public Abattoir, Aberavon. The general conditions at these premises were reported upon in the Annual Report for 1942. The number of animals killed during the year was 25,207, compared with 23,668 in 1942. Statistics relative to the animals slaughtered have been supplied to the Medical Officer of Health for inclusion in his Report.

Notification of Slaughter and Presence of Diseased Meat.

The slaughterhouse Manager co-operates very effectively with your Sanitary Inspectors in this respect, and the arrangements between them prove very satisfactory. All pigs killed outside the Abattoir are also reported to me by the Food Executive Office. All these pigs were examined by your Inspectors. In one case slaughtering of pigs for sale was discovered on a small-holding. We had received no notification of the slaughtering nor of the diseased condition of the carcasses—parts of which had been sold. Proceedings were therefore instituted, brief details of which appear under the heading of Prosecutions.

Slaughter of Animals Act, 1933.

The provisions of this Act were complied with during the year.

Overcrowding.

Records are still being maintained. The position to December 31st, 1943 being as follows:—

Housing Act, 1936—Overcrowding Report.

| Ward. | Total cases recorded to 31 Dec., 1942 | Cases discovered during 1943 | Cases Abated during 1943 | Total cases recorded to 31 Dec., 1943 |
|------------------------------|---------------------------------------|------------------------------|--------------------------|---------------------------------------|
| Aberavon S. | 29 | 3 | — | 32 |
| Aberavon N. | 25 | — | — | 25 |
| Cwmavon | 35 | — | — | 35 |
| Margam N. | 9 | — | — | 9 |
| Margam W. | 13 | 1 | — | 14 |
| Margam C. | 24 | 1 | — | 25 |
| Council Houses (whole Boro') | 13 | — | — | 13 |
| Totals | 148 | 5 | — | 153 |

Having a large number of evacuees in the area and workmen being transferred to and from local industries, together with a considerable proportion of the youth of the Borough in the Forces, it is very difficult to form a definite opinion upon the real extent of overcrowding in the area. It is only with the advent of more normal conditions that we shall be able to properly assess the true position.

Factories.

Our activities under the Factory Act 1937 were as follows:—

1.—Inspection of Factories.

| Premises. | Number of— | | |
|------------|--------------|------------------|-----------------------|
| | Inspections. | Written Notices. | Occupiers prosecuted. |
| (1) | (2) | (3) | (4) |
| Factories | 74 | 3 | — |
| Workshops | — | — | — |
| Workplaces | — | — | — |
| Total | 74 | 3 | — |

2.—Defects found in Factories.

| Particulars. | Number of Defects— | | | Referred
to H.M.
Inspector. | Number
of offences
in respect
of which
Prosecu-
tions were
instituted |
|--|--------------------|----------------|-------|-----------------------------------|---|
| | Found. | Reme-
died. | | | |
| (1) | (2) | (3) | (4) | (5) | |
| Nuisances under the
Public Health Acts— | | | | | |
| Cleanliness | 5 | 5 | — | ..... | — |
| Ventilation ..... | — | — | — | ..... | — |
| Overcrowding ..... | — | — | — | ..... | — |
| Drainage of Floors .. | — | — | — | ..... | — |
| Other Nuisances ..... | — | — | — | ..... | — |
| Sanitary Accommodation— | ..... | ..... | ..... | ..... | ..... |
| Insufficient ..... | — | — | — | ..... | — |
| Defective | 2 | — | — | ..... | — |
| Not Separate ..... | — | — | — | ..... | — |
| Total | 7 | 5 | — | ..... | — |

The following work was carried out during the year:—
6 w.c.'s. cleansed and limewashed, 1 w.c. drain relaid, 1 blocked drain cleared, walls of 4 bakehouses cleansed and lime-washed.

Infectious Disease.

Each case of Infectious disease notified during the year was investigated by your Inspectors. Cases that could not be properly isolated at home were removed to Hospital. The number of inspections made during the year under this heading was 311, and a total of 301 houses and 354 lots of bedding and clothing were disinfected.

The diseases notified during the year and their distribution into Wards of the Borough are as follows:—

Diphtheria.

Of the 154 cases reported, 33 were later proved to be negative and removed from our records. The recorded cases were therefore 121. These figures show a decided increase over the number of cases reported in 1942.

| WARDS. | | | | | | | | |
|--------|-------------|----------------|--------------|----------------|----------------|-----------|-------|----------------------|
| Month. | Margam West | Margam Central | Margam North | Aberavon South | Aberavon North | Cwim-avon | Total | Removals to Hospital |
| Jan. | 3 | 1 | 0 | 4 | 2 | 0 | 10 | 10 |
| Feb. | 2 | 2 | 0 | 10 | 4 | 0 | 18 | 18 |
| Mar. | 2 | 1 | 0 | 7 | 3 | 3 | 16 | 16 |
| April | 2 | 0 | 0 | 6 | 2 | 2 | 12 | 11 |
| May | 1 | 2 | 1 | 1 | 3 | 1 | 9 | 9 |
| June | 3 | 3 | 1 | 1 | 1 | 1 | 10 | 10 |
| July | 0 | 2 | 0 | 4 | 0 | 1 | 7 | 7 |
| Aug. | 4 | 2 | 0 | 2 | 0 | 0 | 8 | 8 |
| Sept. | 0 | 1 | 0 | 5 | 2 | 5 | 13 | 13 |
| Oct. | 6 | 2 | 0 | 2 | 1 | 2 | 13 | 13 |
| Nov. | 3 | 2 | 0 | 6 | 2 | 7 | 20 | 20 |
| Dec. | 6 | 4 | 0 | 2 | 1 | 6 | 19 | 19 |
| Totals | 32 | 22 | 2 | 50 | 21 | 28 | 155 | 154 |

The number of houses affected was—

| | |
|--------------------------------|-----------|
| 128 houses with 1 case in each | 128 |
| 5 houses with 2 cases in each | 10 |
| 3 houses with 3 cases in each | 9 |
| 1 house with 7 cases | 7 |
| | 154 cases |

Scarlet Fever.

94 cases were notified during the year, one of these being later withdrawn. The number was an increase compared with 54 cases notified during 1942. Of these cases 93 were removed to Hospital.

| WARDS. | | | | | | | | |
|--------|-------------|----------------|--------------|----------------|----------------|---------|-------|---------------------|
| Month. | Margam West | Margam Central | Margam North | Aberavon South | Aberavon North | Cwmavon | Total | Removed to Hospital |
| Jan. | 1 | 0 | 0 | 2 | 1 | 0 | 4 | 4 |
| Feb. | 2 | 3 | 0 | 1 | 0 | 0 | 6 | 6 |
| Mar. | 1 | 1 | 0 | 1 | 1 | 0 | 4 | 3 |
| April | 0 | 2 | 0 | 2 | 0 | 0 | 4 | 4 |
| May | 2 | 1 | 0 | 0 | 1 | 0 | 4 | 4 |
| June | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 3 |
| July | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Aug. | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| Sept. | 3 | 0 | 0 | 1 | 0 | 0 | 4 | 4 |
| Oct. | 9 | 2 | 0 | 4 | 0 | 1 | 16 | 16 |
| Nov. | 6 | 7 | 0 | 10 | 1 | 0 | 24 | 24 |
| Dec. | 9 | 4 | 0 | 5 | 2 | 3 | 23 | 23 |
| Totals | 35 | 20 | 0 | 29 | 6 | 4 | 94 | 93 |

The number of houses affected was 93

92 houses with 1 case in each 92

1 house with 2 cases 2

94 cases

Cerebro Spinal Meningitis.

Of the 12 cases notified 6 proved to be negative and removed from our records. The recorded cases were therefore 6. All these cases were removed to Hospital. These figures are a decrease on 1942.

WARDS.

| Month. | Margam West | Margam Central | Margam North | Aberavon South | Aberavon North | Cwmauon | Totals. | Removed to Hospital |
|--------|-------------|----------------|--------------|----------------|----------------|---------|---------|---------------------|
| Jan. | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 2 |
| Feb. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| July | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| Aug. | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Sept. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec. | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Totals | 0 | 1 | 1 | 3 | 1 | 0 | 6 | 6 |

Erysipelas.

Three cases of this disease were notified. Of these cases 1 was removed to hospital.

WARDS.

| Month | Margam West | Margam Central | Margam North | Aberavon South | Aberavon North | Cwmauon | Total | Removals to Hospital |
|--------|-------------|----------------|--------------|----------------|----------------|---------|-------|----------------------|
| Jan. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb. | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Mar. | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| April | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sept. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals | 1 | 0 | 0 | 1 | 1 | 0 | 3 | 1 |

Increase of Rents & Mortgage (Interest) Restriction Acts.

No Certificates were granted in accordance with the provisions of these Acts during 1943.

Miscellaneous War-time Duties.

Your Sanitary Inspectors undertake the following war-time emergency duties:—Billeting of Evacuees, homeless and Industrial Workers. Decontamination and Salvage of Foodstuffs, Information Centre Service, Co-operation with the Services on sanitary matters, Disinfection of Air-Raid Shelters. The whole of these Services having been carried out entirely in an honorary and voluntary capacity, and without any increase in staff. Your Sanitary Inspectors look upon these activities as their contribution to the War effort of the nation. These duties have been extensively reported upon in previous Reports, and were maintained in the same state of efficiency during 1943 as in the previous years.



Prosecutions.

We were reluctantly obliged to institute the following prosecutions during the year:—

| <i>Name</i> | <i>Offence.</i> | <i>Result.</i> |
|--|---|------------------------------------|
| W. Lewis, Aberavon | Sale of unsound and unwholesome peas | Penalty of £5 & costs. |
| Messrs. Produce Trading Co., Ltd., Cardiff..... | Ditto. Ditto. | Penalty of £10 and £10/10/0 costs. |
| Messrs. Baird, Wolton & May Ltd., Linton..... | Ditto. Ditto. | Penalty of £10 and £10/10/0 costs. |
| Messrs. John Bull Stores, Ltd. (Jaybee, Ltd.)
Cardiff | Sale of custard powder infested with mites..... | Penalty of £10 and £2/2/0 costs. |
| Hiram McCann, Aberavon | Failure to notify slaughter of animals | Penalty of £5 & costs. |
| Ditto. Ditto. | Failure to notify possession of diseased meat | Penalty of £3 & costs. |
| Ditto. Ditto. | Sale of diseased meat | Penalty of £2 & costs. |
| Ditto. Ditto. | Slaughtering on unlicensed premises | Costs. |
| Ditto. Ditto. | Being an unlicensed slaughterman | Costs. |
| Victor Hope, Taibach | Sale of diseased meat | Penalty of £1 & costs. |
| Messrs. Portavon Dairies Ltd., Port Talbot | Delivering milk in contaminated churn | Penalty of £3 & costs. |
| Arthur Thompson, Newport | Exchange of toys for rags | Penalty of £2 & costs. |

PROSECUTIONS.—Continued.

| Name | Offence. | Result. |
|--------------------------------|---|--|
| Arthur Thompson, Newport | Giving of false name and address | Penalty of £1 & costs. |
| Cyril Mortimer, Port Talbot | Sale of milk 18% deficiency of butter fat | Penalty of £2, 15/-
Analyst fee & costs. |
| Super Aerated Co., Ltd., Neath | Sale of soft drinks with saccharine and citric acid deficiency | Penalty of £1, 15/-
Analyst fee & costs. |
| R. Thomas, Bryn | Structural defects at 9 Marsh St., Aberavon | Order and costs. |
| G. L. Cullen, Taibach | Structural defects at 4 The Dormitory, Taibach | Order and costs. |
| Ditto. | Disobedience of Court Order re above | Works completed by hearing, ordered to pay costs. |
| T. J. Thomas, Velindre | Structural defects at 27 Afan St., Velindre | Order and costs. |
| W. James, Port Talbot | Structural defects at 33 Pantdu, Aberavon | Order and costs. |
| S. Cound, Aberavon | Sale of milk from Penylan Farm, Aberkenfig, containing 10% added water. | Dismissed, having laid information against Farm Bailiff. |
| George Meadow, Aberkenfig | Proceedings in respect of above offence. Information laid by owner of Farm against Bailiff in accordance with Section 83 Food and Drugs Act, 1938 | Penalty of £5 and £3/3/0 costs. |



