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**Contributors**

Caernarvonshire Combined Sanitary Districts.

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Caernarvonshire Combined Sanitary Districts

THIRTY-FIFTH  
(XXXV).

# Annual Health Report

OF THE

## District Medical Officers of Health.

NORTHERN DIVISION :

(As it is since April 1934).

BANGOR CITY, BETHESDA, LLANDUDNO, LLANFAIRFECHAN AND PENMAENMAWR URBAN DISTRICTS; NANT CONWAY, OGWEN, AETHWY (part), AND HIRAETHOG RURAL DISTRICTS.

G. LEWIS TRAVIS, D.P.H. Cantab, D.T.M. Liverpool.

SOUTHERN DIVISION :

(As it is since April 1934).

CAERNARVON AND PWLLHELI BOROUGHS; CRICCIETH AND PORTMADOC URBAN DISTRICTS :  
GWYRFAL, LLEYN, DEUDRAETH, AND AETHWY (part) RURAL DISTRICTS.

E. LLOYD OWEN, M.D. and Master in Surgery (Edin.), D.P.H.

APPENDIX.

Districts outside the Combine, viz., :— BETTWSYCOED AND LLANRWST URBAN DISTRICTS.

## For the Year 1942

CAERNARVON :

PRINTED BY W. GWENLYN EVANS AND SON, COUNTY PRINTING WORKS.

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# (A).

To the Chairman and Members of the Caernarvonshire Joint Sanitary Authority.

GENTLEMEN (AND LADY MEMBER),

We beg to submit to you our Annual Health Report for the year 1942.

This is our THIRTY-FIFTH Annual Report.

Our area covers the whole of Caernarvonshire (practically), and parts of Anglesey, Denbighshire and Merionethshire, so we have, between us, the opportunity of coming into touch with the County Medical Officers and Tuberculosis Physicians and other officers of four out of the six Counties of North Wales (all except Flintshire and Montgomeryshire).

We take leave here to recapitulate some of the problems that for the most part seem to confront us from year to year. Most of these matters may be found discussed in a previous Introductory Report.

(1) *Cancer*.—The Appeal Fund (for Radium and other Treatment) : Annual Medical Examinations. Prevention and Early-Treatment Clinics. Treatment in Hospitals with full modern equipment. Should Cancer be made notifiable? Is it infectious? Should disinfection take place after external, or all forms of Cancer? Certainly after external (and semi-external), septic or discharging types.

(2) *Veneereal Diseases*.—Should they be made compulsorily notifiable? The feeling of previous Annual Meetings was against this. The question of Sex Instruction in Schools and Maternity Clinics.

(3) *Milk (also Cream, Butter and Cheese)*.—Should Sanitary Inspectors of every Council, in addition to the Inspector of Food and Drugs and the County Council, take samples of Milk? This is done in our districts to test Cleanliness, Richness, &c., which are so important to Infants, Invalids and everybody. A resolution was passed at a previous Annual Meeting in favour of this. There should be more sampling of Butter also, to check uncleanly methods. Should full jurisdiction extend over "occasional surplus" milk and butter through an Amending Act of Parliament? How to encourage more Designated or Graded Milk production (Certified Tuberculin-Tested, Pasteurised, Accredited, &c.). Should commercial milk be Pasteurised, at least until more reliable methods of milk production have been established? (See Tuberculosis below). The question of "Milk for School Children," Veterinary Inspection of Milch Cows and other Cattle, and thorough testing of milk, Cream, Butter, &c. The question of Cream, Preserved Cream, Confectioners' Cream, Ice Cream, &c. Should landlords be made responsible for repairs to Cowsheds as they are to houses? and for providing proper Dairies (separate from pantries)?

(4) *HOUSING*.—A quota of Council Houses should be allocated to, and ear-marked for, families of Tubercular persons. There should be a Special Government Grant towards the erection of roomy houses for Tubercular families, independently from Slum-clearance, Overcrowding and Agricultural Grants.

(5) *Tuberculosis*.—Recent Reforms: The Initiation of After-care Committees for each of the four Counties, coupled with the essential question of providing a full complement of trained Female Health Visitors. Annual Medical Examinations (by Mass Radiography &c.). Testing Milk and Cattle for Tubercular infection: Dr. Wade's Report on the High Mortality among Quarrymen. A later Investigation by Drs. Sutherland and Bryson. A third Investigation by Dr. Chalke for the Welsh (Memorial) Tuberculosis Association. A combination of methods necessary to fight Tuberculosis. Dual notification (Provisional and Positive) suggested, in order to secure early information. Tuberculosis and Housing (see above). See below—Disinfection.

*The Clement Davies Inquiry*.—The Government Committee of Inquiry (Mr. Clement Davies, M.P., K.C., and Dr. Coutts), which held sittings in the spring of 1938 in various parts of Wales, including an extra sitting at Caernarvon (on the suggestion, in the first instance of your Southern Medical Officer—E. Lloyd Owen), has found a prominent place in this list of Investigations into the abnormal incidence of Tuberculosis in the Gwyrfa Rural District, as well as in other Welsh Districts and Counties, all through the years.

By this, happily, the Caernarvonshire and other County Councils have initiated After-Care Committees, or Tuberculosis Care Committees, with the appointment of additional Female Health Visitors.

Not care "after"—after the patient has returned from the Sanatorium—will be the only work of the "After-Care Committee," but care from the beginning of the illness, and if possible, from the Pre-Tubercular stage. If it be feared to lose the word "After" from the title, the Committee could be called the "After and Earlier Care Committee," or the "After-care and From the First Committee."

Section 173 (2) of the Public Health Act, 1936, provided that County Councils could make arrangements for the After-care of persons who have suffered from Tuberculosis.

The Caernarvon County Council (like the other County Councils) have accordingly appointed a Statutory Tuberculosis Care Committee, consisting of 38 members, viz.: 24 members of the County Council, with 14 other members, being one each to represent the Local Sanitary Authorities in the County. Substantial funds for additions to the incomes of Tubercular families are being provided from various sources. Following upon these County efforts, the Minister of Health (Mr. Ernest Brown) has adumbrated generous Government provisions towards assisting in the pressing work of fighting Tuberculosis. Also facilities for X-Ray examinations.

(6) *Disinfection in Tuberculosis and Fevers*.—(a) Of Premises. (b) Of Articles of Bedding, Clothing, &c. Steam Disinfectors in existing Institutions can only be used to a very limited

extent for outside cases—5, 10, 15, 20, 30, &c., miles away. How can *intermediate*, let alone distant districts like South Caernarvonshire Districts, Deudraeth, Hiraethog, Geirionnydd, &c. be served? The question of portable Disinfectors and extra Disinfecting Stations. The question of a special Disinfecting Officer or Officers for disinfecting after Fever, for Tuberculosis (periodically during *life*, as well as after departure to Sanatorium and after Death), for disinfecting Schools, Halls, &c. The King Edward Memorial Association have mooted the question of Traveling Disinfecting Vans, with Disinfecting Officer, for disinfecting premises and bedding, &c.

The question of Disinfection in connection with Tuberculosis cases bristles with difficulties, and raises the matter of disinfecting carpets (where the use of them has not been discarded), of mats and of unwashable, and in some cases, expensive articles of personal clothing &c. As also the question of stripping the walls (and making good the perished plaster) and repapering or colouring the walls and ceilings, and perhaps repainting and revarnishing woodwork.

Who is to bear the expense—tenant, landlord, or Sanitary Authority. Also the question of disinfecting articles from infected houses prior to their exposure for sale at public auctions and jumble sales, including also articles purchased on the hire-purchase system and claimed back by the dealer owing to stopping of payment. Also the question of how to temporarily house the patient and family (in some cases) during the process of disinfection. Also how to overcome the natural disinclination there might be on the part of the patient and his family to have the house (or bedroom) disinfected periodically during life.

(7) *Fevers*.—(a) Councils and Counties who have not yet made provision for Smallpox Isolation; (b) Immunisation against Smallpox, Diphtheria, Enteric Fever, &c.; (c) Measles and Whooping Cough have once more been made compulsorily notifiable, but *not* so Chicken Pox, Mumps, &c.; (d) See Disinfection above. The question of notifying Scabies and Impetigo (Contagious Diseases) has arisen.

(8) *Meat*.—Under War conditions private slaughtering has been replaced by Government slaughtering. There should be Refrigerators in connection with every Abattoir and Butcher's Shop. Happily, one hopes, Humane Slaughtering has become universal.

(9) *Water Supplies*.—Privately and Publicly-owned Water Undertakings should be kept under observation and Analysis (chemical and bacteriological) be called for at sufficiently frequent intervals. Every Sanitary Authority (alone or in combination with one or more others) should have a qualified Water Engineer in their service. All hamlets, as far as possible, and smaller collections of houses, without a piped water supply, should have schemes of such provided for them, both for the sake of having pure drinking water and for hosts of other purposes, including acting as a necessary preliminary to a Drainage System. Methodical Chlorination (added to Filtration) should be carried out in all big undertakings, and also in smaller ones should the Analysis prove unsatisfactory.

(10) *Drainage and Sewerage*.—Following on, or concurrently with, a Water Scheme, such districts should be provided with a Drainage System, and all Dry Closets be converted into Water Closets.

(11) *Public Scavenging*.—Similarly, Public Scavenging Schemes should be universally extended to every hamlet, and, as far as possible, to every smaller collection of houses.

(12) *The question of a Public Health Laboratory for North Wales*.—(See Report on Caernarvon Borough). By the way, the Ministry of Health through the Medical Research Council and the War Emergency Public Health Laboratory Scheme, have established a Laboratory (subsidiary in a sense to the Cardiff Laboratory), at the Fisheries Experimental Station, Conway, under Dr. D. T. Robinson. It may be hoped that this will become a permanent institution, to continue at Conway, or be transferred to Bangor perhaps.

(13) *Isolated Houses (or Blocks of Houses), Cowsheds and other Establishments*.—Failing Public Water Supply, and Public Drainage and Public Scavenging, adequate **private** facilities should be insisted upon from the start, and also "here and now" in the absence of such proper provision having been made at the beginning.

(14) *Where to draw the line?*—It must be conceded that it is often a very difficult matter to decide when **Public** facilities in the way of Water Supply, Sewerage and Scavenging should be extended to, or withheld from a dwelling house or collection of houses. Similarly with farms and other establishments. It would be well if certain principles could be agreed upon. We presume it is partly, at any rate, an actuarial question.

(15) *Maternal Mortality and Infant (including New-born) Mortality*.—Also Still-born Mortality; how shall we lesser Sanitary Authorities help to reduce these? At least, by seeking to raise the Standard of Housing and Sanitation generally.

(16) *Vital Statistics*.—For comparative purposes it may be mentioned that the Live Birth-rate, Death-rate and Infant Mortality for England and Wales in 1942 were 15.8, 11.6, 49.0 as compared with 14.2, 12.9, 59.0 in 1941, and therefore higher as regards Birth-rate and considerably lower as regards death-rate and also as regards Infant Mortality.

We have the honour to be,

Your obedient Servants,

G. LEWIS TRAVIS.  
E. LLOYD OWEN

## SUPPLEMENTARY : WAR-TIME ACTIVITIES.

The War has occasioned the placing of new duties on Local Authorities with their Clerks and other officials. These duties are of a varied character, but in great part have been of a Sanitary nature.

As far as possible the normal services of the Health Department have been carried on, but some projects have had to be suspended, or at least slowed down, and Councils have been up against a number of difficulties in furthering and even in keeping up Public Health Improvements, with the results that Housing and other standards have had to be somewhat lowered.

## HOUSING AND SANITARY REPAIRS.

One difficulty is the securing of skilled labour to do the work, and another is the difficulty of obtaining materials. Timber, glass, iron, and other sanitary fittings, can only be obtained by a special priority certificate issued by the Ministry of Supply, and only for cases where it is proved the work is of National Importance. Recently paint has also been controlled.

With the scarcity of materials, the cost of the same has also much risen.

## OVERCROWDING.

The relief of Overcrowding has also become a more difficult problem to deal with. The population of some Reception Areas has increased by one-third since the National Registration day of 1939, and is still increasing with the influx of official and private evacuees.

The standard of one person per room (of the total rooms in a house) cannot always be acted upon, as if the standard of the Housing Acts be taken the size of some of the 3- or 4-bedrooms would only provide accommodation for one person each. Fuller use of means of Ventilation should be made.

## SICK BAYS AND HOSTELS.

*Contagious Diseases.*—The Contagious Diseases, Scabies and Impetigo, and especially Scabies, have been more or less prevalent among the official evacuee children, and in too many instances local children have been infected, and even an occasional adult.

*Sick Bays.*—It appears the Ministry of Health (and its Welsh Board) have not kept to one rigid policy in the matter of Sick Bays.

On the one hand they have sanctioned a Sick Bay run or administered by a Local District Council, and that in the latter's interest, or in the interest of itself along with a neighbouring Council or Councils.

But on the other hand—to note a recent official communication :—

"Where the County Councils are prepared to agree to this course, it is the practice of the Welsh Board of Health, and of the Ministry of Health, in accordance with the recommendations of the Shakespeare Committee, and the general policy laid down following the same, to arrange for Sick Bays to be administered on a County Basis.

"The main reason for the recommendation of the Shakespeare Committee was the unlikelihood that in every District Council area there would be sufficient evacuees to warrant the setting up of a separate Sick Bay, and the need, therefore, for administration of Sick Bays generally to be on a basis wider than a District Council's area."

*Minor Complaints (including Bed-wetting ; also Institutional Billetting).*—In most or all of the district Sick Bays or Hostels, or both, for these objects have also been established.

## MILITARY ACCOMMODATION.

Soldiers, Airmen and Naval men have been variously billeted in permanent, semi-permanent, and temporary camps and in private houses.

## AIR-RAID SHELTERS.

Shelters have been constructed in most or all of the districts.

MILK-DISTRIBUTING DEPOTS *versus* BUTTER AND CREAM PRODUCTIONS.

In the various districts numerous farms were newly-registered to produce and wholesell Milk for Butter Factories. Latterly some of these Factories have ceased Butter-making in favour of re-selling the Milk for Schools and distant towns.

Reliable "Pasteurisation" or Heat-treatment has been installed.

County Inspectors took samples of Milk, but Samples of Butter were not taken, owing to the difficulty of obtaining the necessary Coupons, which difficulty has now been removed.

## MEAT SUPPLY.

Condemned meat from Butcher's Shops is returned to the General Abattoir for Government Officials to dispose of.

## FIRE-EXTINGUISHING SERVICES.

These are now under Government Control in the various Districts.

## RAT AND MICE EXTERMINATION.

Most of the District Councils have agreed that the County Council or War Agricultural Committee should do the work on terms.

## A PROMISED HOUSING DRIVE.

To see things for himself, Sir Arthur Hobbhouse from the Ministry of Health accompanied by Mr. Armer (Chairman of the Welsh Board of Health, Cardiff), with a Technical Adviser, visited several parts of Rural Wales. Representatives and Officials of Welsh Sanitary Authorities had been invited to meet him to discuss matters.

Nearly all the Councils have decided on the number of houses (with the location of the same) which they consider they should build in the period immediately following the end of the War. Some of the Councils (for example, the Lleyrn Rural District Council), added 'a stipulation that substantial Government grants should be ceded to meet the high cost of building.

G. L. T.  
E. LL. O.

# B.—TABLES-IN-COMMON.

(Furnishing much of the matter demanded by the Ministry of Health in a condensed tabular form).

**Table I.**  
**VITAL STATISTICS.**

(Note.—Rate per 1000 of the Population unless otherwise specified...

<b>BIRTHS:</b> (Live) (a) Total Number .. .. .	A
(b) Boys .. .. .	B
(c) Girls .. .. .	C
(d) Live Birth-rate (on Registrar-General's figures) .. .. .	D
(e) Live Birth-rate for England and Wales (per 1000 of population) .. .. .	E
<b>DEATHS:</b> (a) Total number from all causes (civilians only) .. .. .	F
(b) Males .. .. .	G
(c) Females .. .. .	H
(d) General Death-rate (on Registrar-General's Figures) .. .. .	I
(e) Death-rate for England and Wales .. .. .	J
<b>DEATHS OF INFANTS UNDER ONE YEAR:</b> (a) Number .. .. .	K
(b) Infant Mortality (rate per 1000 live Births) .. .. .	L
(c) Infant Mortality for England and Wales .. .. .	M
(d) Deaths of Legitimate Infants: Number .. .. .	N
(e) Do. do. do. Mortality (per 1000 live births) .. .. .	O
(f) Deaths of Illegitimate Infants: Number .. .. .	P
(g) Do. do. do. Mortality (per 1000 live births) .. .. .	Q
<b>DEATHS OF ELDERLY PERSONS (65 years and upwards):</b> (a) Number .. .. .	R
(b) Senile Mortality .. .. .	S
<b>ILLEGITIMATE AND STILL-BIRTH BIRTH-RATES</b>	
No. of Illegitimate Births (live) .. .. .	T
Illegitimate Birth-rate (Percentage of Total live Births—see above) .. .. .	U
No. of Still-births (a) Total .. .. .	V
(b) Legitimate .. .. .	W
(c) Illegitimate .. .. .	X
Still-birth Birth-rate (per 1000 live Births) .. .. .	Y
Still-birth Birth-rate (per 1000 of population) .. .. .	Z
Still-birth Birth-rate for England and Wales (per 1000 of population) .. .. .	A
<b>MATERNAL (including Puerperal) MORTALITY (Deaths connected with Childbirth and Pregnancy):</b> Total .. .. .	
(a) From Sepsis .. .. .	B
(b) From Other Causes .. .. .	C
(c) Maternal Mortality (per 1000 live Births) .. .. .	D
(d) Ditto for England and Wales (per 1000 Births) .. .. .	E
<b>ZYMOTIC MORTALITY (Deaths from the so-called Principal Zymotic Diseases. See table of Infectious Diseases):</b> (a) Number of Deaths .. .. .	
(b) Zymotic Mortality .. .. .	G
<b>DEATHS FROM CANCER (and allied malignant diseases):</b> (a) Number of Deaths .. .. .	
(b) Cancer Mortality .. .. .	H
(c) Ditto for England and Wales .. .. .	I
<b>DEATHS FROM RESPIRATORY DISEASES (Non-Tubercular):</b> (a) Number of Deaths .. .. .	
(b) Respiratory (non-Tubercular) Mortality .. .. .	J
<b>DEATHS FROM TUBERCULOSIS:</b> (a) Number of Deaths .. .. .	
(b) Tubercular Mortality .. .. .	K
(c) Ditto for England and Wales .. .. .	L
<b>DEATHS FROM INFLUENZA</b> (a) Number of Deaths .. .. .	
(b) Influenza Mortality .. .. .	M
(c) Mortality for England and Wales .. .. .	N
<b>DEATHS IN PUBLIC INSTITUTIONS:</b> (a) Number .. .. .	
(b) Percentage of total deaths .. .. .	O
(c) Ditto for England and Wales .. .. .	P
<b>OPHTHALMIA NEONATORUM: An Eye-Affection of the New-born:</b>	
(a) No. of Cases notified .. .. .	Q
(b) Cases Treated at home—(1) Total Number .. .. .	R
(2) No. where vision unimpaired .. .. .	S
(3) No. where vision impaired .. .. .	T
(4) No. where Total Blindness followed .. .. .	U
(5) No. which proved fatal .. .. .	V
(c) Cases treated in Hospital—(1) Total Number .. .. .	W
(2) No. where vision unimpaired .. .. .	X
(3) No. where vision impaired .. .. .	Y
(4) No. where Total Blindness followed .. .. .	Z
(5) No. which proved fatal .. .. .	A





6  
**Table II.**  
**GENERAL STATISTICS.**

AREA (in Statute acres—land and inland water)	..	..	..	..	..	..	..	..	..	..	A
<b>TOTAL POPULATION :—</b>											
Mid-Year 1942 (Registrar-General's Estimate)	..	..	..	..	..	..	..	..	..	..	B
Census 1921 (as revised by Registrar General)	..	..	..	..	..	..	..	..	..	..	C
Census 1931 (as revised by Registrar-General)	..	..	..	..	..	..	..	..	..	..	D
Census 1931 (as enumerated)	..	..	..	..	..	..	..	..	..	..	E
Males	..	..	..	..	..	..	..	..	..	..	F
Females	..	..	..	..	..	..	..	..	..	..	G
No. of Persons per Acre	..	..	..	..	..	..	..	..	..	..	H
<b>PRIVATE FAMILIES AND DWELLINGS (Census 1921) :—</b>											
No. of Families (Private Families)	..	..	..	..	..	..	..	..	..	..	I
No. of Dwellings occupied (structurally separate Dwellings)	..	..	..	..	..	..	..	..	..	..	J
Population of the said Private Families	..	..	..	..	..	..	..	..	..	..	K
No. of Persons per Family	..	..	..	..	..	..	..	..	..	..	L
No. of Families per Dwelling	..	..	..	..	..	..	..	..	..	..	M
Total number of Rooms occupied	..	..	..	..	..	..	..	..	..	..	N
No. of Rooms per Dwelling	..	..	..	..	..	..	..	..	..	..	O
No. of Rooms per Person (whole of Carnarvonshire, 1.36)	..	..	..	..	..	..	..	..	..	..	P
No. of persons living more than two persons to a room	..	..	..	..	..	..	..	..	..	..	Q
Giving a percentage of the said private family population of	..	..	..	..	..	..	..	..	..	..	R
(Compared with whole of Carnarvonshire—4.1)	..	..	..	..	..	..	..	..	..	..	
RATEABLE VALUE .. (In 1936) Southern	..	..	..	..	..	..	..	..	..	..	S
Produce of a Penny Rate Ditto	..	..	..	..	..	..	..	..	..	..	T
No. of Members on the Council	..	..	..	..	..	..	..	..	..	..	U
<b>CAUSES OF DEATH.</b>											
Total Number of Deaths (Civilians only)	..	..	..	..	..	..	..	..	..	..	V
(a) Males	..	..	..	..	..	..	..	..	..	..	W
(b) Females	..	..	..	..	..	..	..	..	..	..	X
a(1) Typhoid and Paratyphoid Fevers	..	..	..	..	..	..	..	..	..	..	Y
a(2) Measles	..	..	..	..	..	..	..	..	..	..	Z
a(3) Scarlet Fever	..	..	..	..	..	..	..	..	..	..	A
a(4) Whooping Cough	..	..	..	..	..	..	..	..	..	..	B
a(5) Diphtheria	..	..	..	..	..	..	..	..	..	..	C
(6) Influenza	..	..	..	..	..	..	..	..	..	..	D
(7) Encephalitis Lethargica	..	..	..	..	..	..	..	..	..	..	E
(8) Cerebro-spinal Fever	..	..	..	..	..	..	..	..	..	..	F
(9) Tuberculosis of Respiratory System	..	..	..	..	..	..	..	..	..	..	G
(10) Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	H
(11) Syphilis	..	..	..	..	..	..	..	..	..	..	I
(12) General Paralysis of the Insane, Tabes Dorsalis	..	..	..	..	..	..	..	..	..	..	J
(13) Cancer, Malignant Disease	..	..	..	..	..	..	..	..	..	..	K
(14) Diabetes	..	..	..	..	..	..	..	..	..	..	L
(15) Cerebral Haemorrhage etc.	..	..	..	..	..	..	..	..	..	..	M
(16) Heart Disease	..	..	..	..	..	..	..	..	..	..	N
(17) Aneurysm	..	..	..	..	..	..	..	..	..	..	O
(18) Other Circulatory Diseases	..	..	..	..	..	..	..	..	..	..	P
(19) Bronchitis	..	..	..	..	..	..	..	..	..	..	Q
(20) Pneumonia (all forms)	..	..	..	..	..	..	..	..	..	..	R
(21) Other Respiratory Diseases	..	..	..	..	..	..	..	..	..	..	S
(22) Peptic Ulcer	..	..	..	..	..	..	..	..	..	..	T
a(23) Diarrhoea, &c. (under 2 years)	..	..	..	..	..	..	..	..	..	..	U
(24) Appendicitis	..	..	..	..	..	..	..	..	..	..	V
(25) Cirrhosis of Liver	..	..	..	..	..	..	..	..	..	..	W
(26) Other Diseases of Liver, &c.	..	..	..	..	..	..	..	..	..	..	X
(27) Other Digestive Diseases	..	..	..	..	..	..	..	..	..	..	Y
(28) Acute and Chronic Nephritis	..	..	..	..	..	..	..	..	..	..	Z
(29) Puerperal Sepsis	..	..	..	..	..	..	..	..	..	..	A
(30) Other Puerperal Causes	..	..	..	..	..	..	..	..	..	..	B
(31) Congenital Debility, Premature Birth, Malformations, &c.	..	..	..	..	..	..	..	..	..	..	C
(32) Senility	..	..	..	..	..	..	..	..	..	..	D
(33) Suicide	..	..	..	..	..	..	..	..	..	..	E
(34) Other Violence	..	..	..	..	..	..	..	..	..	..	F
(35) Other Defined Diseases	..	..	..	..	..	..	..	..	..	..	G
(36) Causes ill-defined or unknown	..	..	..	..	..	..	..	..	..	..	H
a(37) Small-pox (not been included in No. 35 above)	..	..	..	..	..	..	..	..	..	..	I
(38) Poliomyelitis (not been included in No. 35 above)	..	..	..	..	..	..	..	..	..	..	J
(39) Polioencephalitis (not been included in No. 35 above)	..	..	..	..	..	..	..	..	..	..	K
(40) Road Traffic Accidents	..	..	..	..	..	..	..	..	..	..	L
a So-called " Zymotic Diseases."	..	..	..	..	..	..	..	..	..	..	

**NOTE.**—In England and Wales the Death Rate (number of fatal cases per 1000 of population) of certain Fevers was as follows :—  
Enteric Fever (including Paratyphoid)—(0.00), Small-pox—(0.00), Measles—(0.01), Scarlet Fever—(0.00), Whooping Cough—(0.02), Diphtheria and M. Croup—(0.05), Influenza—(0.09), Diarrhoea and Enteritis (under 2 years)—(5.2) per 1000 Births in this last case.



Table III.

PRELIMINARY NOTE.—In England and Wales, the Case-Rate (number of Notifications per 1000 of population) of certain Fevers was as follows :— Measles (10.33), C.S. Men. (0.25) Small-pox—(0.00), Scarlet Fever—(2.19), Diphtheria— and M. Croup—(1.05), Enteric<sup>c</sup> Fever (including Paratyphoid)—(0.01) Erysipelas—(0.30). and Pneumonia—(1.07). Calculated in relation to the number of Births, the Case-Rate of Puerperal Fever with that of Puerperal Pyrexia was 12.61 per 1,000 Total Births (Live and Still) registered.

#### NOTIFICATIONS OF TUBERCULOSIS and OTHER INFECTIOUS DISEASES.

(N.B.—The number of Fatal Cases of Fever are given in Table II.)

TUBERCULOSIS See below

OTHER INFECTIOUS AND ZYMOTIC DISEASES		Total	..	..	..	..	..	..	..	..	A
*1. Small Pox	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	B
*2. Scarlet Fever or Scarlatina	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	C
*3. Diphtheria and Membranous Croup	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	D
*4. Diphtheritic Sore Throat and (undefined) Croup (not statutorily notifiable unless locally)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	E
*5. Typhus Fever	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	F
*6. Enteric Fever and Typhoid Fever	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	G
*7. Paratyphoid Fever	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	H
*8. Continued Fever and 'Pyrexia'	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	I
*9. Whooping Cough	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	J
*10. Diarrhoea, Enteritis and Gastro-Enteritis under two years (not statutorily notifiable).—See below for Dysentery	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	K
*11. Cholera (non-Asiatic unless otherwise stated)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	L
*12. Measles	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	M
*13. German Measles (not statutorily notifiable, unless locally)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	N
14. Dysentery	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	O
15. Relapsing Fever	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	P
16. Malaria—(believed to be contracted in this country)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Q
17. Malaria—(believed to be contracted abroad, or not stated)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	R
18. Induced Malaria (notifiable only if liable to relapse)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	S
19. Plague	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	T
20. Yellow Fever	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	U
21. Cerebro-spinal Meningitis (Spotted Fever)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	V
22. Acute Polio-Myelitis (early Infantile Paralysis)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	W
23. Acute Polio-encephalitis	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	X
24. Acute Encephalitis Lethargica (False Botulism)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Y
25. Botulism (True) as caused by the Bacillus Botulinus	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Z
26. Chicken Pox (not statutorily notifiable, unless locally)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	A
27. Acute Primary and Acute Influenzal Pneumonia	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	B
28. Ophthalmia Neonatorum	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	C
29. Puerperal Fever	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	D
30. Puerperal Pyrexia	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	E
31. Influenza (not statutorily notifiable, unless locally)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	F
32. Erysipelas	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	G

#### TUBERCULOSIS: NEW, TREATED AND FATAL CASES.

##### NEW CASES

(a) Primary Notifications, including cases notified by Tuberculosis Physician	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	H
(b) Other New Cases	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	I
(c) Pulmonary (including all Respiratory)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	J
(1) Males	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	K
(2) Females	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	L
(d) Non-Pulmonary	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	M
(1) Males	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	N
(2) Females	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	O
FATAL CASES: (a) Total	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	P
(b) Pulmonary (including all Respiratory)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Q
(1) Males	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	R
(2) Females	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	S
(c) Non-Pulmonary	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	T
(1) Males	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	U
(2) Females	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	V
(d) Non-notified Tuberculosis Deaths: (1) Number	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	W
(2) Percentage of Total Tuberculosis Deaths	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	X
CASES ADMITTED to Hospital or Sanatorium: (a) Total	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Y
(b) Pulmonary (including all Respiratory)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Z
(c) Non-Pulmonary	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	A
(d) For Observation	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	B

\* The so-called "Principal Zymotic Diseases."



**Table IV.**  
**HOUSING STATISTICS.**

NOTE—A Working-class house may roughly be regarded as a plainly built house with not more than one parlour (in addition to kitchen and scullery).

<b>NEW WORKING CLASS HOUSES ERECTED (and completed) DURING THE YEAR :—</b>		
A.	Number (including numbers given separately under B.) Grand Total .. .. .	.. A
	(i). By the Local Authority. Total .. .. .	.. B
	(ii). By other Local Authorities. Total .. .. .	.. C
	(iii). By other bodies and persons. Total .. .. .	.. D
B.	With State assistance under the Housing Acts. Total .. .. .	.. E
	(i). By the Local Authority. Number .. .. .	.. F
	(a) To Replace Condemned Houses .. .. .	.. G
	(b) To Abate Overcrowding .. .. .	.. H
	(c) For Fresh Housing .. .. .	.. I
	(ii). By other bodies or persons .. .. .	.. J
<b>INSPECTION OF DWELLING-HOUSES DURING THE YEAR</b>		
<b>I.—INSPECTION.—</b> (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .. .. .		
	(b) Number of inspections made for the purpose. .. .. .	.. L
(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 .. .. .	.. M
	(b) Number of inspections made for the purpose .. .. .	.. N
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. .. .	.. O
(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 .. .. .	.. P
<b>II. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.</b>		
Number of defective dwelling-houses rendered fit in consequence of Informal action by the Local Authority or their officers .. .. .		
<b>III.—ACTION UNDER STATUTORY POWERS DURING THE YEAR.</b>		
<i>A.—Proceedings under sections 9, 10 and 16 of the Housing Act, 1936.</i>		
(1)	Number of dwelling-houses in respect of which Formal notices were served requiring repairs .. .. .	.. R
(2)	Number of dwelling-houses which after Formal Notices were rendered fit :—	
	(a) By Owners .. .. .	.. S
	(b) By local authority in default of owners .. .. .	.. T
<i>B.—Proceedings under Public Health Acts :—</i>		
(1)	Number of dwelling-houses in respect of which Formal Notices were served requiring defects to be remedied .. .. .	.. U
(2)	Number of dwelling-houses in which defects, after Formal notices, were remedied :—	
	(a) By owners .. .. .	.. V
	(b) By local authority in default of owners. .. .. .	.. W
<i>C.—Proceedings under Sections 11 and 13 of the Housing Act 1936 :—</i>		
(1)	No. of Dwelling-houses in respect of which an undertaking to close the house for human habitation was accepted .. .. .	.. X
(2)	Number of dwelling-houses in respect of which Demolition Orders were made .. .. .	.. Y
(3)	Number of dwelling-houses demolished in pursuance of Demolition Orders .. .. .	.. Z
<i>D.—Proceedings under Section 12 of the Housing Act 1936 :—</i>		
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made .. .. .	.. A
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. .	.. B
<b>NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY. Grand Total .. .. .</b>		
	Those completed during the year. .. .. .	.. D
	(i) To Replace Condemned Houses .. .. .	.. E
	(ii) For Fresh Housing .. .. .	.. F
	(iii) To Abate Overcrowding. .. .. .	.. G
<b>NEW SUPERIOR HOUSES (Superior to Working-class Dwellings) :</b>		
	No. completed during the year .. .. .	.. H
<b>RE-CONDITIONED HOUSES (under Housing of Rural Workers Act, 1926).</b>		
	No. Re-conditioned (and work completed) during the year .. .. .	.. I
<b>HOUSING ACT, 1935—OVERCROWDING. Result of First Survey :</b>		
(a)	Total number of houses in the district .. .. .	.. J
(b)	Number of houses Surveyed (Workmen's houses) .. .. .	.. K
(c)	Number of these overcrowded .. .. .	.. L
(d)	Number of Families dwelling in the Overcrowded Houses .. .. .	.. M
(e)	Number of Persons dwelling in the Overcrowded Houses .. .. .	.. N
<b>HOUSING ACT, 1936 (Part IV—OVERCROWDING)</b>		
(a).	(1) No of dwellings overcrowded at the end of the year .. .. .	.. O
	(ii) No. of families dwelling therein. .. .. .	.. P
	(iii) No. of Persons dwelling therein .. .. .	.. Q
(b)	No. of new cases of overcrowding reported during the year .. .. .	.. R
(c)	(i) No. of cases of overcrowded dwellings relieved during the year .. .. .	.. S
	(ii) No. of families concerned in such cases. .. .. .	.. T
	(iii) No. of Persons concerned in such cases. .. .. .	.. U
(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	
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A																		
B																		
C																		
D																		
E																		
F																		
G																		
H																		
I																		
J																		
K	1148	39	17	29	56	42	85	40	20	981	571	58	131	310	183	20	35	40
L	1253	42	17	33	74	42	93	-	20	981	571	58	400	348	183	20	40	-
M	113	-	-	-	-	-	-	-	29	-	-	-	-	123	-	-	-	40
N	118	-	-	-	-	-	-	-	-	-	-	-	-	131	-	-	-	-
O	-	-	-	-	-	-	-	-	-	-	-	1	-	-	32	-	-	1
P	2	-	8	17	23	6	5	-	-	-	11	25	33	29	60	1	8	9
Q	2	10	8	12	23	4	5	-	-	7	19	-	-	68	25	-	8	9
R	-	-	-	-	-	2	-	-	-	7	3	1	10	17	3	-	-	1
S	-	-	-	-	-	2	-	-	-	7	3	-	9	17	3	-	-	1
T	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
U	-	-	-	7	5	4	-	-	3	60	7	60	15	48	-	-	-	-
V	-	-	-	7	5	4	-	-	3	60	7	1	12	48	-	-	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	952	79	-	52	104	28	75	110	33	505	30	146	24	610	100	43	3
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	461	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
J	178	1009	1009	887	1155	-	1352	3343	1702	2390	550	1018	1300	6572	-	2300	218	-
K	-	-	1009	674	900	-	1117	-	1451	1641	122	335	811	6147	2952	2300	123	-
L	-	43	-	43	33	-	58	-	101	94	13	70	53	513	206	31	4	-
M	-	48	-	46	83	-	67	-	101	100	13	70	60	438	206	32	4	-
N	-	251	-	259	167	-	366	-	455	903	77	-	354	-	909	198	181	-
O	56	-	12	47	8	-	-	-	97	*	-	1	**	110	-	-	-	-
P	62	-	12	51	8	-	-	-	430	-	-	3	-	110	-	-	-	-
Q	391	-	100	263	42	-	-	-	-	-	-	4	-	448	-	-	-	-
R	4	-	15	8	-	1	-	-	-	-	-	1	-	-	-	-	-	-
S	4	-	10	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-
T	23	-	-	8	-	-	-	-	-	-	-	3	-	3	-	-	-	-
U	-	-	-	37	-	-	-	-	-	-	-	4	-	12	-	-	-	-

\*Cases of overcrowding among Evacuees were dealt with and a number relieved.

\*\* Overcrowding accentuated through Official and Private Evacuees.

Table V  
SOUND AND UNSOUND FOOD.

<b>MILK AND MILK SAMPLES.</b>		
No. of Dairy Cows (whether temporarily dry or not) .. .. .	.. .. .	A
Whether Milk imported? .. .. .	From how many Dairy Farms? .. .. .	B
Whether Milk exported? .. .. .	From how many Dairy Farms? .. .. .	C
No. of Samples of milk taken by Sanitary Inspector .. .. .	.. .. .	D
No. of these unsatisfactory .. .. .	.. .. .	E
No. of Samples of Milk taken by County Inspector of Foods and Drugs .. .. .	.. .. .	F
No. of these unsatisfactory .. .. .	.. .. .	G
No. of Prosecutions .. .. .	.. .. .	H
No. of these successful .. .. .	.. .. .	I
<b>MEAT AND MEAT INSPECTION.</b>		
How many slaughterhouses licensed as well as registered .. .. .	.. .. .	J
No. of slaughterhouses on Register end of December (including licensed and unlicensed) .. .. .	.. .. .	K
No. of slaughterhouses on Register in the previous year (Ditto) .. .. .	.. .. .	L
No. of voluntary surrenders of Carcases or Part Carcases—		
(a) For Tuberculosis .. .. .	.. .. .	M
(b) For other Diseases .. .. .	.. .. .	N
No. of seizures (supported by magistrate) of ditto—		
(a) For Tuberculosis .. .. .	.. .. .	O
(b) For other Diseases .. .. .	.. .. .	P
<b>OTHER FOODS.</b>		
No. of Voluntary Surrenders of other Unsound Foods .. .. .	.. .. .	Q
No. of Seizures .. .. .	.. .. .	R
<b>PROSECUTIONS.</b>		
No. of Prosecutions for Unsound Meat or other Foods .. .. .	.. .. .	S
<b>BAKEHOUSES.</b>		
Total number of Bakehouses .. .. .	.. .. .	T
No. of underground Bakehouses .. .. .	.. .. .	U
No. of Factory Bakehouses .. .. .	.. .. .	V
<b>ADOPTIVE ACTS, BYELAWS, Etc.</b>		
<b>A.—WHETHER FOLLOWING ACTS (OR PARTS) BEEN ADOPTED :—(Append</b>		
date of adoption and Sections adopted)*		
1. Infectious Diseases (Prevention) Act, 1890 .. .. .	.. .. .	W
2. Public Health Acts Amendment Act, 1890 (Parts I. and II.) .. .. .	.. .. .	X
3. "Public Health" Acts "Amendment" Act, 1907 .. .. .	.. .. .	Y
4. Public Health Act, 1925 .. .. .	.. .. .	Z
5. "Public Health" Acts "Amendment" Act, 1907 .. .. .	.. .. .	A
<b>B.—WHETHER BYE-LAWS RELATING TO FOLLOWING MATTERS BEEN MADE :—</b>		
1. New Streets and Buildings .. .. .	.. .. .	B
2. Slaughterhouses .. .. .	.. .. .	C
3. Prevention of Nuisances .. .. .	.. .. .	D
4. Private Scavenging .. .. .	.. .. .	E
5. Houses Let in Lodgings or Tenements .. .. .	.. .. .	F
6. Common Lodging Houses .. .. .	.. .. .	G
7. Baths and Wash-houses .. .. .	.. .. .	H
8. Public Bathing .. .. .	.. .. .	I
9. Offensive Trades .. .. .	.. .. .	J
10. Cemeteries .. .. .	.. .. .	K
11. Mortuaries .. .. .	.. .. .	L
<b>C.—WHETHER RECOMMENDATIONS ISSUED AMPLIFYING THE MILK AND DAIRIES ORDER, 1926 .. .. .</b>		
<b>D.—WHETHER URBAN POWERS (FOR RURAL DISTRICTS) UNDER PUBLIC HEALTH ACT, 1875 (Statement to be appended) .. .. .</b>		
<b>E.—WHETHER A LOCAL WATER ACT OBTAINED .. .. .</b>		
<b>F.—WHETHER SOME OTHER ACT OBTAINED .. .. .</b>		
<b>F.—WHETHER ANY FEVER MADE LOCALLY NOTIFIABLE .. .. .</b>		
(a) Measles .. .. .	.. .. .	R
(b) Whooping Cough, .. .. .	.. .. .	S
(c) Chicken Pox .. .. .	.. .. .	T
* Part III. of the Housing of the Working Classes Act, 1890, is since the passing of the Housing, Town Planning, &c., Act, 1909, in force in each District without formal adoption.		

	1 Bangor City.	2 Bethesda U.D.	3 Llandudno U.D.	4 Llanfairfechan U.D.	5 Penmaenmawr U.D.	6 Nant Conway R.D.	7 Ogwen R.C.	8 Aethwy R.D.	9 Hirwaithog R.D.	10 Caernarvon Borough	11 Criccieth U.D.	12 Pullheli Borough	13 Portmadoc U.D.	14 Gwyrfai R.D.	15 Lleyrn R.D.	16 Deudraeth R.D.	17 Bettwystycoed U.D.	18 Llanrwst U.D.
A	98	110	-	192	119	1092	860	-	-	311	94	85	-	2874	436 <sup>c</sup>	632	88	172
B	37	-	-	3	-	1	-	-	-	12	4	14	2	-	-	2	6	4
C	-	-	-	-	-	62	70	59	508	4	-	-	-	-	-	3	1	13
D	94	17	21	None	-	3	12	-	2	48	-	5	4	117	576	14	20	-
E	15	-	4	-	1	-	-	-	-	6	-	4	-	14	168	-	1	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	3	3	1	5	3	7	-	-	-	1	1	1	1	1	-	-	1	-
K	2	3	1	5	3	8	6	-	7	1	1	1	1	1	-	-	1	-
L	2	3	1	5	3	8	6	-	7	1	1	1	1	1	-	-	1	-
M	86	-	4	-	-	-	-	-	-	35	-	2	21	3	-	-	-	-
N	204	13	13	1	-	-	-	-	-	25	-	7	278	-	2	-	-	-
O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Q	204	30	100	34	16	9	12	-	2	2700	-	-	71	*	7	-	7	11
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T	21	13	28	6	5	12	3	15	9	12	-	9	8	27	15	10	2	5
U	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
V	5	3	16	3	5	1	-	-	-	3	-	-	3	3	4	5	1	2
W	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	No	Yes	Yes	-	-	-
X	No	No	"	"	-	-	"	"	-	Yes	-	Yes	-	-	-	-	-	-
Y	Yes	Yes	"	"	-	-	"	"	-	"	Yes	"	Yes	Yes	Yes	-	-	-
Z	"	"	"	"	-	-	"	"	-	"	"	"	-	-	-	Yes	-	-
A	"	"	"	"	-	-	"	"	-	"	"	"	-	-	-	-	-	-
B	Yes	Yes	"	"	-	-	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
C	"	No	"	"	-	-	"	"	-	"	"	"	"	"	"	"	-	-
D	"	Yes	"	"	-	-	"	"	No	"	"	"	"	"	"	"	-	-
E	No	-	No	No	-	-	-	-	-	"	"	"	"	"	"	"	-	-
F	Yes	-	"	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	"	"	"	"	-	-	-	-	-	Yes	-	Yes	Yes	Yes	-	Yes	-	-
H	No	"	"	No	-	-	-	-	-	"	-	-	-	-	-	-	-	-
I	"	-	Yes	Yes	-	-	-	-	-	"	Yes	-	-	-	-	-	-	-
J	"	-	No	No	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-
K	"	-	Yes	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	"	-	No	"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M	-	Yes	Yes	"	-	-	Yes	-	-	-	-	-	-	-	-	-	-	-
N	-	-	-	No	-	-	No	-	-	-	-	-	-	Yes	Yes	Yes	-	-
O	Yes	Yes	Yes	Yes	-	-	"	-	-	Yes	Yes	-	-	-	-	-	-	-
P	-	-	-	No	-	-	"	-	-	-	-	-	-	-	-	-	-	-
Q	-	-	Yes	Yes	-	-	-	-	Yes	No	No	No	Yes	No	No	No	-	-
R	-	Yes	"	"	-	-	-	-	-	"	"	"	"	"	"	"	-	-
S	-	-	No	"	-	-	-	-	-	"	"	"	"	"	"	"	-	-
T	-	-	Yes	"	-	-	-	-	-	"	"	"	No	"	"	"	-	-

\*Numerous.





	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Bangor City.	Bethesda U.D.	Llandudno U.D.	Llanfairfechan U.D.	Penmaenmaur U.D.	Nant Conway R.D.	Ogwen R.D.	Aethwy R.D.	Hiraethog R.D.	Carnarvon Boroughs.	Criccieth U.D.	Pwllheli Borough.	Portmadoc U.D.	Gwynfai R.D.	Llwyn R.D.	Dendraeth R.D.	Bektusycod U.D.	Llanrwst U.D.
A	3499	465	-	931	1205	1086	282	1124	265	3126	559	1118	1038	3897	1040	1164	262	720
B	-	390	-	-	-	-	-	26	12	-	-	-	2	30	-	-	-	-
C	-	65	-	-	-	600	60	1900	255	-	-	-	37	1623	-	570	-	-
D	20	120	109	50	33	786	1039	-	953	17	5	-	6	1815	575	696	30	10
E	-	1	-	26	-	-	-	-	-	-	-	-	-	-	45	-	3	-
F	-	1	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-
G	-	2	6	2	2	8	-	4	-	-	-	-	3	-	-	1	-	-
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	3	-	5	-	-	-	-	2	-	-	-	-
J	-	-	-	-	-	4	1	-	4	-	-	-	-	8	-	-	-	-
K	-	10	-	-	-	-	-	-	1	-	-	-	-	-	12	14	1	-
L	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N	-	32	14	11	-	10	9	-	-	6	-	-	8	-	20	-	8	-
O	-	-	-	-	-	-	1	-	6	10	-	-	-	-	-	-	-	-
P	-	-	-	-	-	-	1	-	2	-	-	-	-	8	-	14	3	-
Q	-	-	-	-	-	-	-	-	10	-	39	-	-	-	-	14	-	-
R	-	-	-	-	-	4	-	-	-	20	-	-	-	78	-	-	6	-
S	-	3	-	-	-	-	1	-	-	-	-	-	-	28	10	-	-	-
T	106	67	88	23	23	7	4	-	-	160	9	27	15	103	57	4	22	30
U	16	3	4	-	-	4	7	26	15	138	3	11	6	48	57	6	9	8
V	5	2	-	-	-	-	1	6	1	-	-	1	-	7	16	-	2	1
W	-	-	3	-	-	2	-	3	1	-	-	-	-	7	4	-	-	-
X	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Y	268	64	-	21	-	7	14	-	3	69	-	141	1	28	12	-	36	85
Z	-	-	-	-	-	-	12	-	-	-	-	-	-	20	29	-	1	-
A	275	37	73	13	27	20	51	23	16	60	47	7	20	152	93	22	5	18
B	384	40	10	46	-	20	68	23	20	120	29	3	13	178	101	31	6	18
C	259	30	-	13	-	14	13	-	-	-	-	-	-	66	-	2	3	-
D	12	-	6	-	-	4	-	-	-	-	-	-	-	-	-	25	-	-
E	28	6	16	3	-	1	2	-	-	-	-	1	-	23	2	-	-	-
F	231	116	174	3	48	4	65	-	-	15	-	3	-	281	16	-	12	11
G	2503	181	2149	121	132	209	940	-	870	1096	1114	175	-	1914	700	63	342	234
H	111	26	133	19	21	10	38	-	3	60	60	60	-	384	12	11	62	94
I	4	-	5	-	5	-	-	-	1	7	2	1	-	23	-	9	-	1
J	115	26	138	19	26	10	38	-	4	67	62	61	-	407	12	20	62	95
K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	b	No	a	a	No	No	No	No	No	No	No	No	No	No	No	No	-	a
M	No	"	No	No	-	"	"	"	"	"	No	No	No	No	No	No	-	-
N	2	Yes	1	1	-	1	1	Yes	1	1	1	1	1	2	2	1	-	1
O	b	Yes	Yes	Yes	-	1	Yes	"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
P	No	"	No	"	-	1	"	"	No	No	Yes	Yes	Yes	"	Yes	Yes	-	No
Q	No	-	"	"	-	-	No	-	"	No	No	No	No	No	No	No	-	"
R	Yes	-	Yes	No	-	-	Yes	-	Yes	"	No	No	"	Yes	No	No	-	Yes
S	-	-	"	"	-	-	No	No	-	Yes	No	No	No	No	No	No	-	No
W	-	-	No	"	-	-	"	"	Yes	Yes	No	No	No	No	No	No	-	-
U	-	-	"	"	-	-	"	"	No	Yes	No	No	No	No	No	No	-	-
V	-	-	"	"	-	-	"	"	No	No	"	No	No	No	No	No	-	-

a Part-time, b Whole time,

REMARK—This Table does not include the case of

**Table VII.**  
**FACTORIES, WORKSHOPS AND WORKPLACES.**

**REMARKS :** (1) Nuisances under the Public Health Acts (See below, defects 1—8). These include not only nuisances under the Public Health Acts, but those specified in Sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

(2) Offences under the Factory and Workshop Acts (see below, Defects 9 and 10). These offences exclude those relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921)

**A.—INSPECTION OF :**

<b>FACTORIES</b> (including F. Laundries and F. Bakehouses) .. .. .	Number on Register .. .. .	A
	No. of Inspections .. .. .	B
	No. of Written Notices .. .. .	C
	No. of Prosecutions .. .. .	D
<b>WORKSHOPS</b> (including W. Laundries and W. Bakehouses) .. .. .	Number on Register .. .. .	E
	No. of Inspections .. .. .	F
	No. of Written Notices .. .. .	G
	No. of Prosecutions .. .. .	H
<b>WORKPLACES</b> (other than Outworkers' premises) .. .. .	Number on Register .. .. .	I
	No. of Inspections .. .. .	J
	No. of Written Notices .. .. .	K
	No. of Prosecutions .. .. .	L
<b>TOTAL OF FACTORIES, WORKSHOPS AND WORKPLACES</b> .. .. .	Number on Register .. .. .	M
	No. of Inspections .. .. .	N
	No. of Written Notices .. .. .	O
	No. of Prosecutions .. .. .	P

**B.—DEFECTS FOUND IN THE SAID PREMISES :**

1. Want of Cleanliness (including lime-washing) .. .. .	Cases found .. .. .	Q
	Cases remedied .. .. .	R
	Cases referred to H.M. Inspector .. .. .	S
	No. of Prosecutions .. .. .	T
2. Want of Ventilation .. .. .	Cases found .. .. .	U
	Cases remedied .. .. .	V
	Cases referred to H.M. Inspector .. .. .	W
	No. of Prosecutions .. .. .	X
3. Overcrowding .. .. .	Cases found .. .. .	Y
	Cases remedied .. .. .	Z
	Cases referred to H.M. Inspector .. .. .	A
	No. of Prosecutions .. .. .	B
4. Want of Drainage of Floors .. .. .	Cases found .. .. .	C
	Cases remedied .. .. .	D
	Cases referred to H.M. Inspector .. .. .	E
	No. of Prosecutions .. .. .	F
5. Other Nuisances .. .. .	Cases found .. .. .	G
	Cases remedied .. .. .	H
	Cases referred to H.M. Inspector .. .. .	I
	No. of Prosecutions .. .. .	J
6. Sanitary Accommodation—Insufficient	Cases found .. .. .	K
	Cases remedied .. .. .	L
	Cases referred to H.M. Inspector .. .. .	M
	No. of Prosecutions .. .. .	N
7. Sanitary Accommodation—unsuitable or defective .. .. .	Cases found .. .. .	O
	Cases remedied .. .. .	P
	Cases referred to H.M. Inspector .. .. .	Q
	No. of Prosecutions .. .. .	R
8. Sanitary Accommodation—not separate for sexes .. .. .	Cases found .. .. .	S
	Cases remedied .. .. .	T
	Cases referred to H.M. Inspector .. .. .	U
	No. of Prosecutions .. .. .	V
9. Illegal occupation of underground bakehouses (Sec. 101) .. .. .	Cases found .. .. .	W
	Cases remedied .. .. .	X
	Cases referred to H.M. Inspector .. .. .	Y
	No. of Prosecutions .. .. .	Z
10. Other Offences (see Remarks above)	Cases found .. .. .	A
	Cases remedied .. .. .	B
	Cases referred to H.M. Inspector .. .. .	C
	No. of Prosecutions .. .. .	D
11. Total of Defects found .. .. .	Cases found .. .. .	E
	Cases remedied .. .. .	F
	Cases referred to H.M. Inspector .. .. .	G
	No. of Prosecutions .. .. .	H

**REMARK.**—This Table does not include the case of *Outwork* and *Outworkers* (if any) in Unwholesome Premises (Section 108),





## BANGOR CITY (CAERNARVONSHIRE)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions.	Purveyors from outside the District
	1	2	3	4	5	6	7	8	9	10
	1941	1940	1941							
Cowsheds & Farm Dairies ..	8	8	16	1	1	1	0	0	0	-
Retailing Milk Carts ..	49	43	103	6	6	6	-	-	-	36
Milk Shops (Dairy Shops)	12	12	32	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	594	-	-	-	-	-	-	-
Private Slaughter House ..	—	—	—	—	—	—	—	—	—	—
Meat Shops .. .. .	22	22	182	—	—	—	—	—	—	—
Retailing Meat Carts ..	2	2	20	—	—	—	—	—	—	—
Factory Bakehouses ..	5	5	18	—	—	—	—	—	—	—
Workshop Bakehouses ..	16	16	32	—	—	—	—	—	—	—
Bread Shops .. .. .	37	37	57	—	—	—	—	—	—	—
Retailing Bread Vans ..	17	17	21	—	—	—	—	—	—	—
Factories (including Factory Bakehouses & Laundries)	20	20	44	1	1	1	—	—	—	—
Workshops (including Workshop Bakehouses and Laundries .. .. .)	155	153	201	4	4	4	—	—	—	—
Workplaces .. .. .	14	14	18	—	—	—	—	—	—	—
Home-Workers' Premises ..	—	—	—	—	—	—	—	—	—	—
Offensive Trades .. .. .	—	—	—	—	—	—	—	—	—	—
Common Lodging Houses	—	—	—	—	—	—	—	—	—	—

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	12	8	0
B.—Occupying premises outside the District, and importing milk into the District .. .. .	0	34	2

In 1920, Registered only, 4; Licensed 6; Total on Register 10.

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1939.	In Dec. 1940	In Dec. 1941
Registered only .. .. .	4	3	3
Licensed .. .. .	—	—	—
<b>Total on Register .. .. .</b>	<b>4</b>	<b>3</b>	<b>3</b>

*Note.*—Public Abattoir only now in use.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 13860. In the preceding ten years the average population was 12177.

The Birth-rate is 13.4 per 1000 of the population. In the preceding ten years the average Birth-rate was 12.7 per 1000 of the population.

The Infantile Mortality rate is 90 per 1000 births. In the preceding ten years the average Infantile Mortality Rate was 50 per 1000 births.

The Zymotic Mortality rate is 0.1 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.88 per 1000 of the population.

The General Death-rate is 11.2 per 1000 of the population. In the preceding ten years the average General Death rate was 12.8 per 1000 of the population.

The Death-rate from Tuberculosis is 0.93 per 1000 of the population. In the preceding ten years the average death-rate from Tuberculosis was 0.88 per 1000 of the population.

The death-rate from Cancer was 1.5 per 1000 of the population. In the preceding ten years the average death-rate from Cancer was 1.8 per 1000 of the population.

**ISOLATION HOSPITAL.**—During the year 1942, 203 patients were admitted. Of these 110 were treated for Diphtheria, 63 treated for Scarlet Fever, and 30 for other Infectious Diseases (6 Cerebro Spinal Meningitis, 4 Scabies, 2 Mumps, 6 Measles, 6 Dysentery, 3, Erysipelas and 2 Infantile Paralysis, 1 T.B. Meningitis).

With Diphtheria, 14 of the patients were under 5 years of age, 38 under 10 years of age, 24 between 10 and 15 years, 17 between 15 and 25 years, 13 between 25 and 35 years, 2 between 35 and 40 years and 2 between 40 and 50 years.

With Scarlet Fever, 17 were under 5 years of age, 28 under 10 years, 9 between 10 and 15 years, 7 between 15 and 25 years, 2 between 25 and 35 years, and 0 between 40 and 50 years.

With Cerebro Spinal Meningitis, 2 of the patients were under 5 years of age, 1 under 10 years of age, 1 between 10 and 15 years, 1 between 15 and 25 years, and 1 between 40 and 50 years.

With the T.B. Meningitis, the 1 patient was between 15 and 25 years.

There were 9 deaths during the year. (See below).

There were no "return cases."

Of the Diphtheria patients 11 were from outside the District.

Of the Scarlet Fever patients 14 were from outside the district.

Of the Cerebro Spinal Meningitis, 4 of the patients were from outside the District.

Of the other Infectious Diseases, 11 of the patients were from outside the District.

The deaths were :—3 Diphtheria, 1 Scarlet Fever, 2 Cerebro Spinal Meningitis, 1 T. B. Meningitis, 1 Infantile Paralysis and 1 Dysentery.

## SANITARY INSPECTOR'S REPORT.

(T. ROGERS JONES, F.S.I.A., M.R.S.I.).

During the year 1942, 259 patients were admitted to the Isolation Hospital from within and outside the Borough.

TABLE 1. CASES TREATED AT THE ISOLATION HOSPITAL.

<i>Diseases.</i>	<i>Bangor.</i>	<i>Outside Bangor.</i>	<i>Total.</i>
Scarlet Fever .. .. .	51	34	85
Diphtheria .. .. .	104	31	135
Erysipelas .. .. .	3	..	3
Measles .. .. .	6	4	7
Scabies .. .. .	4	1	5
Cerebro-Spinal Meningitis .. .. .	4	4	8
Infantile Paralysis .. .. .	1	1	2
Dysentery .. .. .	8	3	11
Mumps .. .. .	..	2	2
T.B. Meningitis .. .. .	1	..	1
	182	77	259

There were ten deaths during the year:—Cerebro-Spinal Meningitis, 3; Diphtheria, 3; Scarlet Fever, 1; T.B. Meningitis, 1; Infantile Paralysis, 1; Dysentery, 1.

TABLE 2.

Inspections of Council Houses .. .. .	364
Housing Inspections .. .. .	205
Complaints received and investigated .. .. .	291
Drains examined and tested .. .. .	81
Inquiries re Infectious Disease .. .. .	311
Number of rooms disinfected (Infectious Diseases, Scabies, etc.)	208
Number of premises disinfected .. .. .	49
Visits to Abattoir and Slaughterhouses .. .. .	508
Number of animals examined:—	
Beasts .. .. .	1343
Calves .. .. .	2282
Sheep .. .. .	15220
Pigs .. .. .	235
	19080
Visits to Market Hall and Food Shops .. .. .	384
Visits to Milk Shops, Dairies and Cowsheds .. .. .	60
Milk and Meat Vans examined .. .. .	188
Visits re Rat and Insect Pests .. .. .	69
Special visits re Government Evacuation Scheme .. .. .	36
Visits to Factories and Workshops .. .. .	21
Number of Blankets disinfected .. .. .	2861
Special visits re Overcrowding .. .. .	34
Routine disinfection of Air Raid Shelters .. .. .	63
Miscellaneous, including revisits .. .. .	216
Samples of Food submitted for analysis:—	
(a) Milk—Bacteriological .. .. .	94
(b) Milk—Biological .. .. .	9
(c) Milk—Chemical .. .. .	8
(d) Butter—Chemical .. .. .	8



TABLE 3. NATURE OF DEFECTS DISCOVERED.

Defective W.C. Fittings .. .. .	30
Defective yard pavings .. .. .	6
Choked or defective drains .. .. .	114
Defective grates and ovens .. .. .	12
Defective eavesgutters and downspouts .. .. .	15
Defective wall plaster .. .. .	8
Defective roofs .. .. .	4
Defective windows and doors .. .. .	19
Percolation of sewage .. .. .	7
Percolation of water .. .. .	24
Burst water pipes .. .. .	21
Offensive Accumulations .. .. .	28

## MEAT AND FOOD INSPECTION.

## DEANFIELD ABATTOIR.

During 1942, the following represents the amount of meat killed and distributed at the Deanfield Abattoir under the Government Meat Control Scheme.

## (1). ANIMALS SLAUGHTERED.

(a) Beasts .. .. .	1343
(b) Calves .. .. .	2282
(c) Sheep and Lambs .. .. .	15220
(d) Pigs .. .. .	325
<b>Total .. .. .</b>	<b>19080</b>

## (2). DEAD OR IMPORTED MEAT BROUGHT IN FOR DISTRIBUTION.

	<i>Home Killed.</i>	<i>Imported.</i>
(a) Beef—Sides .. .. .	57	—
Hinds .. .. .	Nil.	554
Fores .. .. .	Nil.	436
(b) Mutton or Lamb .. .. .	70	6637
(c) Pork .. .. .	36	155
(d) Imported Cases or bags .. .. .	—	1707

## UN SOUND MEAT.

The following particulars serve to illustrate the quantity of meat found to be unsound and unfit for human consumption which is disposed of by the Ministry of Food.

## (a) BEASTS.

16 Whole Carcasses and organs .. .. .	.. Generalised Tuberculosis.
1 Whole Carcasses and Organs .. .. .	.. Tuberculosis with emaciation.
1 Whole Carcasses with organs .. .. .	.. Acute Septic Metritis.
1 Whole Carcasses with organs .. .. .	.. Fevered condition/Emaciation.
16 Forequarters .. .. .	.. Localised Tuberculosis.
1 Forequarter .. .. .	.. Tumor.
4 Hindquarters .. .. .	.. Localised Tuberculosis.
2 Parts of Carcasses .. .. .	.. Localised Tuberculosis.
10 Portions of Beef .. .. .	.. Bone Taint.
5 Beef Loins .. .. .	.. Bruised.
134 Livers .. .. .	.. Localised Tuberculosis.
123 Livers .. .. .	.. Distomatosis/Cysts/Angioma.

45 Pairs of Lungs	..	..	.. Congestion/Localised Tuberculosis.
13 Udders	..	..	.. Localised Tuberculosis.
34 Heads and Tongues	..	..	.. Actinomycosis/Localised Tuberculosis.
22 Tripes	..	..	.. Inflammation/Localised Tuberculosis.
10 Hearts	..	..	.. Pericarditis.
1 Bullock	..	..	.. Fractures

## (b) CALVES.

17 Carcases and organs	..	..	.. Dropsical and emaciated.
1 Leg Stirk Veal	..	..	.. Fractured.
3 Heads and Plucks	..	..	.. Imbelical/Pyæmia.

## (c) SHEEP—LAMBS.

8 Whole Carcases and organs	..	..	.. Dropsical and emaciated.
4 Whole carcasses and organs	..	..	.. Pyæmia.
2 Whole Carcases and organs	..	..	.. Imperfect Bleeding.
9 Forequarters	..	..	.. Pleurisy.
2 Forequarters	..	..	.. Bruised.
3 Hindquarters	..	..	.. Bruised.
374 Livers	..	..	.. Distomatosis/Cirrhosis/Cysts.
64 Plucks	..	..	.. Cysts/Abscesses.

## (d) PIGS.

1 Forequarter	..	..	.. Pleurisy.
1 Leg Pork	..	..	.. Fractured.
10 Heads	..	..	.. Localised Tuberculosis.
1 Head	..	..	.. Generalised Tuberculosis.
3 Plucks	..	..	.. Cysts.

*Total Weight Condemned* :—7 tons, 14 cwts, 1 qtr., 11 lbs. 11 ozs.

## (e) OTHER FOODS.

The following unsound food has been surrendered by shopkeepers and others during the year :—

66 Tins Pork Luncheon Meat.	9 Tins Tongue.
30 Tins Corned Beef.	25 Tins Sausage Meat.
30 Tins Chopped Ham.	2 Tins Beef Galantine.
6 Tins Prem.	1 Tin Brisket Beef.
9 Tins Stewed Steak.	20 Tins Sardines.
10 Tins Salmon.	10 Tins Pilchards.
9 Tins Herrings.	6 Tins Fish Cake Roll.
34 Tins Pineapple.	10 Tins Plums.
2 Tins Peaches.	3 Tins Blackberries.
5 Tins Loganberries.	13 Tins Apples.
27 Tins Tomatoes.	2 Tins Beetroot.
34 Tins Carrots.	3 Tins Spaghetti.
24 Tins Beans.	55 Tins Peas.
9 Tins Vegetables.	8 Tins Soup.
4 Tins Savoury Lunch.	171 Tins Milk.
5 Stone Cod and Whiting.	33lbs. Sausage.
53lbs. Bacon.	52lbs. Cheese.
28lbs. Butter.	28lbs. Rolled Oats.
179lbs. Harricott Beans	480lbs. Garden Peas.
57lbs. Household Flour	112lbs. Potatoes.
240 Pkts. Cocoa.	7 Cases Oranges.
50/2oz. Bars Chocolate.	11 Jars Ham.
92 qtn, Loaves.	$\frac{1}{2}$ gall. Artificial Cream.
66 Bottles Sardelle.	

*Total Weight Condemned* :—1 ton, 4 cwts, 5 lbs., 13ozs.

*Rats and Mice Destruction Act, 1919.*—During the year 115 visits and re-visits were made to Rat infected premises, drains have been examined and tested and any defects remedied. Rat runs have been sealed up and where necessary poison laid. Advice has been given to all complaints and poison supplied free of charge.

*Disinfection.—Eradication of Bed-bugs.*—During the year all houses notified to the Health Department as being infested with bed-bugs, have been treated with Zaldecide Insecticide with satisfactory results. Bedding, clothing, etc., have been treated with steam and hot air in the Isolation Hospital disinfectant.

*Scabies and Impetigo.*—Owing to the decline in the number of cases, the Clinic set up at the C. & A. Infirmary was closed in June. Cases occurring in the latter part of the year were supplied with Kathiolan Ointment with full particulars as to treatment at home. Bedding, clothing, etc., were fumigated in the room with sulphur and no return cases were notified.

#### SURVEYOR'S REPORT.

(B. PRICE DAVIES, F.S.I., F.R.I.B.A., F.R.SAN.I.).

*Housing.*—The 302 Houses damaged by enemy action were completely repaired during the year. The internal distempering, etc., has to stand over until the cessation of hostilities.

*Sewerage and Flood Prevention.*—No new works were undertaken during the year and the existing flood prevention defences worked efficiently.

*Water Supplies.*—During the year a Supplementary Water Supply Scheme involving various works was carried out. The need for this was occasioned by an increase of 33 1/3% in consumption. A new 6inch main was laid from the Llafar stream to the Waterworks at Bethesda and a Pump Well and Building constructed near the Twrgwyn Reservoir at Bangor; this building has been equipped with an electrical automatic pump. The new water main from Belmont Road to Menai Bridge was completed during the year, a new Meter being installed near the Menai Suspension Bridge. Despite a greatly increased consumption the supply of water was fully maintained. The periodical bacteriological and chemical analyses of the water shewed that after treatment the water was highly satisfactory for human consumption.

*Refuse Collection and Disposal.*—The refuse collection of the district was continued by contract. The refuse is removed once a week and oftener from Institutions. The disposal is done by means of controlled tipping at Wern Fields, where salvaging operations are also carried out. Paper, cardboard, bones and metals are salvaged and disposed of in the interests of the National War Effort.

## BETHESDA URBAN DISTRICT (CAERNARVONSHIRE)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appearing in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions.	Prosecutions from outside the District.
	1 1941	2 1940	3 1941	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	33	33	40	-	-	-	-	-	-	-
Retailing Milk Carts ..	13	13	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	1	1	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	3	3	-	-	-	-	-	-	-	-
Meat Shops .. .. .	10	10	20	-	-	-	-	-	-	-
Retailing Meat Carts ..	2	2	2	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	4	-	-	-	-	-	-	-
Workshop Bakehouses ..	11	11	12	-	-	-	-	-	-	-
Bread Shops .. .. .	8	8	8	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	5	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	3	3	6	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. .. .	24	24	24	-	-	-	-	-	-	-
Workplaces .. .. .	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. .. .	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	4	8	1
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	9	3

SLAUGHTERHOUSES IN PAST AND PRESENT USE.  
In 1920 : Registered only, 4 ; Licensed, 6 ; Total on Register, 10.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. .. .	1	1	1
Licensed .. .. .	2	2	2
Total on Register .. .. .	3	3	3

*Note.*—The District is without a Public Abattoir.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 4468. In the preceding ten years the average population was 4459.

The Birth-rate is 16.3 per 1000 of the population. In the preceding ten years the average Birth-rate was 15.8 per 1000 of the population.

The Infantile Mortality rate is 68 per 1000 births. In the preceding ten years the average Infantile Mortality rate was 88 per 1000 births.

The Zymotic Mortality rate is 00 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.33 per 1000 of the population.

The General Death rate is 17.5 per 1000 of the population. In the preceding ten years the average General Death rate was 16.4 per 1000 of the population.

The Death-rate from Tuberculosis is 1.3 per 1000 of the population. In the preceding ten years the average death rate from Tuberculosis was 1.19 per 1000 of the population.

The death-rate from Cancer is 2.6 per 1000 of the population. In the preceding ten years the average death-rate from Cancer was 2.15 per 1000 of the population.

**ISOLATION HOSPITAL.**—During the year 1942, 32 patients were admitted. Of these 13 were treated for Diphtheria, 17 treated for Scarlet Fever, and 2 for other Infectious Diseases. (1 Cerebro Spinal Meningitis, 1 Measles (child, 12 years of age)).

With Diphtheria, none of the patients were under 5 years of age, 5 under 10 years of age, 3 between 10 and 15 years, 1 between 15 and 25 years, 1 between 25 and 35 years, 1 between 35 and 40 years, none between 40 and 50 years, and 1 between 50 and 55.

With Scarlet Fever, 3 were under 5 years of age, 8 under 10 years, 2 between 10 and 15 years, 4 between 15 and 25 years, none between 25 and 35 years, and none between 40 and 50 years.

There was 1 death during the year (Cerebro Spinal Meningitis).

There were no "Return" cases.

## REPORT OF SANITARY INSPECTOR AND SURVEYOR FOR THE YEAR 1942.

(T. POWELL JONES, M.S.I.A.).

**Water Supply.**—A new Intake has been constructed a mile higher up the Afon Gaseg than the old Intake at Ciltwllan. A plot of land over one acre in area at Y Garth was purchased for the Break Pressure Tank and for future development and treatment of the water supply. The quality of the water has improved, especially during the summer months. The Water Supply is screened and chlorinated, and chemical and bacteriological examinations report a very satisfactory quality.

**Sewers.**—The Sewage is treated by land irrigation system, and the sludge removed from the ditches once a year. The Sewers are flushed and scraped periodically. Manholes are erected to facilitate scavenging and inspection.

**House Refuse.**—The Collection of House Refuse is by Contract, the Council employing three men for the work. The Refuse is free from nuisance, rats are immediately destroyed before they settle down from farms and other buildings. Controlled tipping is being practised, and the tip is kept tidy. A large box is fixed behind the lorry for the Collection of Waste Paper. Household Refuse receptacles are deteriorating in standard, owing to the scarcity of Sanitary Dust Bins.

**Salvage.**—Much paper, rubber, glass, bones, tins and other metals were salvaged and so'd during the year. The tins were salvaged at the Refuse Tip and rolled over by a Steam Roller before they were sold. Some trouble is being experienced with obtaining a suitable accommodation for loose and baled Waste Paper. The Council may, next year, negotiate for suitable premises. Accommodation must be provided for minimum 4 tons of paper.

**Milk and Dairies.**—17 Samples of milk were examined bacteriologically, and all the samples were satisfactory. Repairs and alterations to cowsheds and dairies are being required. Lack of labour and materials are hampering a progressive programme.

**Di infection and Disinfestation.**—All bedrooms of infectious disease cases are disinfected and disinfectant is supplied for washing the floors. etc. Scabies and Impetigo were prevalent. The cases were taken to Sick Bays outside Bethesda for treatment. Why could not a Sick Bay be established in this neighbourhood which would also serve our neighbouring District ?

**Meat and Other Foods.**—No animals are slaughtered at Bethesda. All meat being brought from Bangor. Few pieces of mear were condemned. Most of the food which had to be condemned was from tins, these being either blown or damaged and affecting the foodstuffs.

Milk and Dairies		Meat and Other Foods		Salvage	
Year	Value	Year	Value	Year	Value
1910	...	1910	...	1910	...
1911	...	1911	...	1911	...
1912	...	1912	...	1912	...
1913	...	1913	...	1913	...
1914	...	1914	...	1914	...
1915	...	1915	...	1915	...
1916	...	1916	...	1916	...
1917	...	1917	...	1917	...
1918	...	1918	...	1918	...
1919	...	1919	...	1919	...
1920	...	1920	...	1920	...
1921	...	1921	...	1921	...
1922	...	1922	...	1922	...
1923	...	1923	...	1923	...
1924	...	1924	...	1924	...
1925	...	1925	...	1925	...
1926	...	1926	...	1926	...
1927	...	1927	...	1927	...
1928	...	1928	...	1928	...
1929	...	1929	...	1929	...
1930	...	1930	...	1930	...
1931	...	1931	...	1931	...
1932	...	1932	...	1932	...
1933	...	1933	...	1933	...
1934	...	1934	...	1934	...
1935	...	1935	...	1935	...
1936	...	1936	...	1936	...
1937	...	1937	...	1937	...
1938	...	1938	...	1938	...
1939	...	1939	...	1939	...
1940	...	1940	...	1940	...
1941	...	1941	...	1941	...
1942	...	1942	...	1942	...
1943	...	1943	...	1943	...
1944	...	1944	...	1944	...
1945	...	1945	...	1945	...
1946	...	1946	...	1946	...
1947	...	1947	...	1947	...
1948	...	1948	...	1948	...
1949	...	1949	...	1949	...
1950	...	1950	...	1950	...
1951	...	1951	...	1951	...
1952	...	1952	...	1952	...
1953	...	1953	...	1953	...
1954	...	1954	...	1954	...
1955	...	1955	...	1955	...
1956	...	1956	...	1956	...
1957	...	1957	...	1957	...
1958	...	1958	...	1958	...
1959	...	1959	...	1959	...
1960	...	1960	...	1960	...
1961	...	1961	...	1961	...
1962	...	1962	...	1962	...
1963	...	1963	...	1963	...
1964	...	1964	...	1964	...
1965	...	1965	...	1965	...
1966	...	1966	...	1966	...
1967	...	1967	...	1967	...
1968	...	1968	...	1968	...
1969	...	1969	...	1969	...
1970	...	1970	...	1970	...
1971	...	1971	...	1971	...
1972	...	1972	...	1972	...
1973	...	1973	...	1973	...
1974	...	1974	...	1974	...
1975	...	1975	...	1975	...
1976	...	1976	...	1976	...
1977	...	1977	...	1977	...
1978	...	1978	...	1978	...
1979	...	1979	...	1979	...
1980	...	1980	...	1980	...
1981	...	1981	...	1981	...
1982	...	1982	...	1982	...
1983	...	1983	...	1983	...
1984	...	1984	...	1984	...
1985	...	1985	...	1985	...
1986	...	1986	...	1986	...
1987	...	1987	...	1987	...
1988	...	1988	...	1988	...
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1992	...	1992	...	1992	...
1993	...	1993	...	1993	...
1994	...	1994	...	1994	...
1995	...	1995	...	1995	...
1996	...	1996	...	1996	...
1997	...	1997	...	1997	...
1998	...	1998	...	1998	...
1999	...	1999	...	1999	...
2000	...	2000	...	2000	...
2001	...	2001	...	2001	...
2002	...	2002	...	2002	...
2003	...	2003	...	2003	...
2004	...	2004	...	2004	...
2005	...	2005	...	2005	...
2006	...	2006	...	2006	...
2007	...	2007	...	2007	...
2008	...	2008	...	2008	...
2009	...	2009	...	2009	...
2010	...	2010	...	2010	...
2011	...	2011	...	2011	...
2012	...	2012	...	2012	...
2013	...	2013	...	2013	...
2014	...	2014	...	2014	...
2015	...	2015	...	2015	...
2016	...	2016	...	2016	...
2017	...	2017	...	2017	...
2018	...	2018	...	2018	...
2019	...	2019	...	2019	...
2020	...	2020	...	2020	...
2021	...	2021	...	2021	...
2022	...	2022	...	2022	...
2023	...	2023	...	2023	...
2024	...	2024	...	2024	...
2025	...	2025	...	2025	...
2026	...	2026	...	2026	...
2027	...	2027	...	2027	...
2028	...	2028	...	2028	...
2029	...	2029	...	2029	...
2030	...	2030	...	2030	...
2031	...	2031	...	2031	...
2032	...	2032	...	2032	...
2033	...	2033	...	2033	...
2034	...	2034	...	2034	...
2035	...	2035	...	2035	...
2036	...	2036	...	2036	...
2037	...	2037	...	2037	...
2038	...	2038	...	2038	...
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2041	...	2041	...	2041	...
2042	...	2042	...	2042	...
2043	...	2043	...	2043	...
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2045	...	2045	...	2045	...
2046	...	2046	...	2046	...
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2049	...	2049	...	2049	...
2050	...	2050	...	2050	...
2051	...	2051	...	2051	...
2052	...	2052	...	2052	...
2053	...	2053	...	2053	...
2054	...	2054	...	2054	...
2055	...	2055	...	2055	...
2056	...	2056	...	2056	...
2057	...	2057	...	2057	...
2058	...	2058	...	2058	...
2059	...	2059	...	2059	...
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2061	...	2061	...	2061	...
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2063	...	2063	...	2063	...
2064	...	2064	...	2064	...
2065	...	2065	...	2065	...
2066	...	2066	...	2066	...
2067	...	2067	...	2067	...
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2090	...	2090	...	2090	...
2091	...	2091	...	2091	...
2092	...	2092	...	2092	...
2093	...	2093	...	2093	...
2094	...	2094	...	2094	...
2095	...	2095	...	2095	...
2096	...	2096	...	2096	...
2097	...	2097	...	2097	...
2098	...	2098	...	2098	...
2099	...	2099	...	2099	...
2100	...	2100	...	2100	...

## LLANDUDNO URBAN, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions	Pureveyors from outside the District.
	1	2	3	4	5	6	7	8	9	10
	1941	1940	1941							
Cowsheds & Farm Dairies ..	45	45	29	6	6	6	-	-	-	10
Retailing Milk Carts ..	-	-	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	9	9	56	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	288	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	16	18	543	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	16	16	78	-	-	-	-	-	-	-
Workshop Bakehouses ..	11	12	}	-	-	-	-	-	-	-
Bread Shops .. .. .	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	37	38	46	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. .. .)	91	92	39	-	-	-	-	-	-	-
Workplaces .. .. .	13	13	40	-	-	-	-	-	-	-
Home-Workers' Premises ..	1	1	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	23	34	17
B.—Occupying premises outside the District, and importing milk into the District .. .. .	4	7	2

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920 : Registered only 4; Licensed, 6; Total on Register, 10.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. .. .	-	-	-
Licensed .. .. .	1	1	1
<b>Total on Register .. .. .</b>	<b>1</b>	<b>1</b>	<b>1</b>

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 21320. In the preceeding ten years the average population was 14869.

The Birth-rate is 9.5 per 1000 of the population. In the preceeding ten years the average Birth-rate was 10.9 per 1000 of the population.

The Infantile Mortality Rate is 14 per 1000 births. In the preceeding ten years the average Infantile Mortality rate was 68 per 1000 births.

The Zymotic Mortality rate is 0.4 per 1000 of the population. In the preceeding ten years the average Zymotic Mortality rate was 0.12 per 1000 of the population.

The General Death rate is 11.7 per 1000 of the population. In the preceeding ten years the average General Death rate was 12.4 per 1000 of the population.

The Death-rate from Tuberculosis is 0.46 per 1000 of the population. In the preceeding ten years the average Death-rate from Tuberculosis was 0.50 per 1000 of the population.

The Death-rate from Cancer is 1.9 per 1000 of the population. In the preceeding ten years the average death-rate from Cancer was 2.05 per 1000 of the population.

ISOLATION HOSPITAL.—During the year 1942 124 patients were admitted. Of these 13 were treated for Diphtheria, 12 treated for Scarlet Fever, and 99 for other Infectious Diseases (Phemphigus, Poliomyelitis, Cerebro-Spinal Meningitis, Impetigo, Scabies, Chicken-Pox, Para-Typhoid, Measles, Mumps, Erysipelas, Dermatitis, Dysentry, Ruebella, ? Tuberculosis, Haemolytic Strystococci, Infantile Paralysis).

With Diphtheria, 2 of the patients were under 5 years of age, 3 under 10 years of age, 1 between 10 and 15 years, 3 between 15 and 25 years, 2 between 25 and 35 years, and 3 between 40 and 50 years.

With Scarlet Fever, 3 were under 5 years of age, 4 under 10 years, 4 between 10 and 15 years, 3 between 15 and 25 years, 1 between 25 and 35 years, and none between 40 and 50 years.

There were 2 Deaths during the year.

There were no "Return" cases.

Of the Diphtheria patients 3 were from outside the District. Temporary Residents, 8.

Of the Scarlet Fever patients, 4 were from outside the District.

## REPORT OF THE SANITARY INSPECTOR.

(MR. T. F. ROBERTS, M.S.I.A.).

*Nuisances Abated and Defects Remedied.*

Drains opened and cleansed from obstruction .. .. .	76
Drains re-laid and improved .. .. .	12
DWELLINGS.	
Floors of dwellings relaid or repaired .. .. .	9
Dilapidated walls and ceilings repaired .. .. .	5
Damp walls—damp course inserted .. .. .	2
Roofs repaired and made weatherproof .. .. .	5
Dangerous stairs repaired .. .. .	1
Defective spouting repaired .. .. .	3
Foul cellars cleansed and defects in drains remedied .. .. .	3
Houses limewashed and cleansed .. .. .	17
Houses disinfected after infectious disease .. .. .	56
Cases of overcrowding dealt with .. .. .	4



## WATER CLOSETS AND URINALS.

Additional W.C.'s provided .. .. .	3
Water closet pans and traps replaced with pedestals .. .. .	2
Foul W.C. basins and traps cleansed .. .. .	5
Defective W.C. cisterns repaired .. .. .	4

## VARIOUS.

Nuisances from animals kept abated .. .. .	6
Offensive accumulations removed .. .. .	16
Courts and back yards cleansed by tenants .. .. .	6
Miscellaneous .. .. .	183

## FOOD.

*Samples of Milk for Tubercle.*—During the year 12 samples of milk were taken for Tubercle examination on behalf of the County Council.

*Milk—Special Designations.*—There are four firms in the Town Licensed under the Special Designations Order, 1936.

<i>Cowsheds.</i> — Number on Register December, 1941 .. .. .	45
Number discontinued during the year .. .. .	Nil.
Number on Register December, 1942 .. .. .	45
Number of contraventions .. .. .	5

## MEAT.

The Public Abattoir is under the control of the Ministry of Food. During the year 268 visits of inspection were made. The number of carcasses and animals inspected being :—Beasts 1506 ; Calves, 591 ; Pigs, 150 ; Sheep and Lambs, 26,736. All condemned meat and offals are disposed of under the supervision of the Ministry of Food.

*Public Health (Meat) Regulations.*—During the year 608 observations and visits have been made in connection with the market, shops, stalls, &c., in order to ascertain whether the above Regulations were being complied with.

*Samples of Food.*—During the year 21 samples of food were purchased for Analysis, of this number 18 were found to be genuine. One sample of milk was found to be deficient in fat to the extent of 45%, and two others were found to be adulterated with added water to the extent of 27% and 25%. The Vendor of the adulterated samples was fined £2 10s. 0d. in each case with costs amounting to £7 7s. 0d. The Vendor of the other sample was cautioned.

*Other Foods.*—The following unsound food has been surrendered by shopkeepers during the year :—91 6lb. Tins of Corned Beef, 39 dozen Eggs, 57 6lb. Tins of Pork Luncheon Meat ; 111lbs. of Fish cakes, 361lbs. of assorted Fish, 56lbs of Butter, 28lbs of sultanas, 66lbs. of Bacon, 1070lbs. of Cheese, 3 Boxer of Oranges, 101lbs. of Plums, 47 Tins of Tomatoes, 49 Tins of Mixed Fruit, 133lbs. of Biscuits, 204lbs. of Tomatoes.

*Rats and Mice Destruction Act.*—During the year visits and re-visits were made to Rat infested premises ; drains have been tested and inspected, and defects found remedied. Ra runs have been sealed up, and where necessary poison baits laid. Advice has been given to al complaints, and poisons and leaflets supplied free of charge.

*Disinfection.*—174 visits have been made to the Disinfecting Station during the year, 7355 articles of bedding, etc., have been disinfected by steam and hot air.

*Disinfection.—Eradication of the Bed Bug.*—During the year all houses that have come under the notice of the Health Department as being infested with bed-bugs have been treated with a special insecticide with good results. Bedding, clothing, etc., being treated with steam and hot air.

REPORT OF ACTING ENGINEER AND SURVEYOR.

(MR. J. A. EDWARDS, B.ENG., A.M.INST.C.E., M. & CY.E.).

Water Supply.—Previous to 1875 the Town was supplied with springs on the Great Orme. These supplies, however, though of excellent quality, becoming inadequate for the increasing population, powers were obtained for a more extensive supply, and the Improvement Commissioners purchased two lakes—Dulyn (meaning “Black Lake”), 36 acres in extent which is weird but grand lake, filling up, apparently, an old crater, with rock rising sheer at the back of it to a height of over 300 feet and huge boulders scattered about the side and front of it; and Melynlyn, a beautiful, shining lake, 18 acres with a surrounding watershed of 1418 acres, and on this watershed the Council have made a small but interesting tree planting. The lakes are situated on the Western or Caernarvonshire side of the Conway river, and are 15½ miles distant from Llandudno. The surface of Dulyn is at an altitude of 1747 feet, and that of Melynlyn 2094 feet above ordnance datum. Works for increasing the present shortage capacity of the above lakes, now 152 million gallons, have been completed. This, with a 50% increase on the present demand, will give 116 days storage. There is no inhabitable or other dwelling on any of the watersheds to either of the lakes, and the water is as pure as it was in 1880, when Professor Frankland, after analysis, said :—“It is most excellent water for dietetic and all domestic purposes. It is wholesome and palatable and contains only a very small amount of vegetable organic matter. It is exceeding soft and therefore well adapted for washing purposes. For the supply of the town it is fully equal to the celebrated Loch Katrine water.”

An automatic chlorination plant is in operation and all water passing to supply is sterilised by this process. Bacteriological samples are taken at regular intervals.

The last section of the 15 inch trunk main between Llandudno Junctions and Llanrhos was completed in 1909.

Llandudno is now supplied with water by two separate trunk mains (9 inch and 15 inch) giving an abundant supply for many years to come, and almost making the town immune from the possibility of a total breakdown in the water supply. During the 1928—29 a 1½ mile length of 9 inch trunk main was replaced with the new 15 inch steel bitumen-lined main.

Scavenging.—The removal of house refuse and scavenging is undertaken by the Council by the motor refuse vehicles, with special closing lids for loading and is under the direct supervision of the Surveyor. The refuse is collected daily from the Hotels; twice a week from the large houses and weekly from the smaller houses. All refuse is burnt at the Destructor.

Sewerage.—The town is covered by sewers partly on the combined system and partly on the separate system.

Table with multiple columns and rows, containing faint text and numbers, likely a summary or ledger of data.

## LLANFAIRFECHAN URBAN, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions	Purveyors from outside the District.
	1 1941	2 1940	3 1941	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	33	33	42	-	-	-	-	-	-	3
Retailing Milk Carts ..	8	8	12	-	-	-	-	-	-	3
Milk Shops (Dairy Shops)	1	1	2	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	5	5	9	-	-	-	-	-	-	-
Meat Shops .. .. .	6	6	36	-	-	-	-	-	-	-
Retailing Meat Carts ..	1	1	2	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	12	-	-	-	-	-	-	-
Workshop Bakehouses ..	3	3	7	-	-	-	-	-	-	-
Bread Shops .. .. .	9	9	14	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	8	-	-	-	-	-	-	-
Factories(including Factory Bakehouses & Laundries)	3	3	9	-	-	-	-	-	-	-
Workshops(including Work- shop Bakehouses and Laundries .. .. .)	8	8	10	-	-	-	-	-	-	-
Workplaces .. .. .	26	26	16	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. .. .	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	1	33	1
B.—Occupying premises outside the District, and importing milk into the District .. .. .	1	3	1

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920 : Registered only, 3 ; Licensed, 2 ; Total on Register, 5.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. .. .	3	3	3
Licensed (The Public Abattoir) .. .. .	2	2	2
<b>Total on Register</b> .. .. .	<b>5</b>	<b>5</b>	<b>5</b>

*Note.*—The District is without a Public Abattoir,

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 3769. In the preceding ten years the average population was 3155.

The Birth-rate is 11.6 per 1000 of the population. In the preceding ten years the average Birth-rate was 11.8 per 1000 of the population.

The Infantile Mortality rate is 45 per 1000 births. In the preceding ten years the average Infantile Mortality rate was 55 per 1000 births.

The Zymotic Mortality rate is 0.2 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.15 per 1000 of the population.

The General Death rate is 14.06 per 1000 of the population. In the preceding ten years the average Death-rate was 14.1 per 1000 of the population.

The Death rate from Tuberculosis is 0.26 per 1000 of the population. In the preceding ten years the average Death-rate from Tuberculosis was 0.43 per 1000 of the population.

The Death-rate from Cancer is 1.5 per 1000 of the population. In the preceding ten years the average death-rate from Cancer was 1.67 per 1000 of the population.

**ISOLATION HOSPITAL.**—During the year 1942, 10 patients were admitted. Of these 4 were treated for Diphtheria, 3 treated for Scarlet Fever, and 3 for other Infectious Diseases (3 Dysentery).

With Diphtheria, 2 of the patients were under 10 years of age, 1 between 10 and 15 years, and 1 between 15 and 25 years.

With Scarlet Fever, 2 of the patients were under 10 years of age, and 1 between 10 and 15 years.

There were no Deaths during the year.

There were no "Return" cases.

## REPORT OF SANITARY INSPECTOR AND SURVEYOR.

(MR. W. T. ELLIS).

*Water Supply.*—The chief source of supply is drawn from Aber Lake, and Camarnaint Reservoir as an Auxiliary Supply. The Chlorination Plant has been erected at a point where it can treat water from both sources. A light dosage of Chloros is being applied at present.

*Sewerage Works.*—The machinery and pumps are being maintained in good repair, periodical rodding and flushing is being carried out.

*Public Conveniences.*—There are six of these within the district which are being kept in good repair and are regularly cleaned.

*Scavenging.*—The chief roads are swept daily. Secondary roads are done twice a week. As a wartime measure house refuse is only removed once a fortnight, excepting the larger premises which are cleared weekly. Salvage is being collected on the alternative weeks.

*River Pollution.*—The river is periodically cleaned as found necessary.

*Rat Destruction.*—The Council have made arrangements under the County Scheme for the poisoning of these pests on all Council property including the Refuse Tip.

*Disinfection.*—The infectious cases are removed to the Bangor Isolation Hospital and contagious cases removed to the Local Sick Bay. All bedding are removed to Bangor for fumigation.

**Slaughter Houses.**—At present these are not in use since the central system of slaughtering has been in operation. The following were found unfit for human consumption :—192lbs. of meat ; 37lbs. of butter.

**Decontamination of Food Stuffs.**—For this purpose two of the Local Slaughter Houses and two large private garages have been “ ear-marked ” for this purpose.

**Milk Sampling.**—The standard of milk is good and periodical samples for analysis are being taken by the County Sampling Officer.

**Air Raid Shelters.**—Four of these specially constructed Shelters have been erected for a capacity of 150 persons.

**Housing.**—The Council are preparing a comprehensive programme ready to be put in operation when normal conditions return.

The Health and Town Improvement is 0.28 per 1,000 of the population. In the preceding ten years the average Health was from Town Improvement was 0.28 per 1,000 of the population.

The Health and Town Improvement is 1.5 per 1,000 of the population. In the preceding ten years the average Health was from Town Improvement was 1.57 per 1,000 of the population.

ISOLATION HOSPITAL.—During the year 1942, 10 patients were admitted. Of these 4 were treated in Hospital, 3 treated in District House, and 3 in other Isolation Districts (3 Districts).

With Hospital, 7 of the patients were under 10 years of age, 1 between 10 and 15 years, and 1 between 15 and 20 years.

With District House, 2 of the patients were under 10 years of age, and 1 between 10 and 15 years.

There were no Deaths during the year.

There were no “ Intake ” cases.

REPORT OF SANITARY INSPECTOR AND SURVEYOR

Mrs. W. T. BARR.

**Water Supply.**—The total volume of supply is drawn from Abercrombie and the main reservoir on an Artesian supply. The Corporation has been awarded a gold medal for its water supply. The Corporation has been awarded a gold medal for its water supply.

**Sanitation.**—The sanitary and general conditions are being maintained in good sanitary condition. The sanitary and general conditions are being maintained in good sanitary condition.

**Public Conveniences.**—There are six of these within the district which are being kept in good repair and are regularly cleaned. There are six of these within the district which are being kept in good repair and are regularly cleaned.

**Household refuse.**—The refuse is collected by the Corporation and is taken to the refuse tip. The refuse is collected by the Corporation and is taken to the refuse tip.

**River Pollution.**—The river is periodically cleaned as usual.

**Public Buildings.**—The Council have made arrangements under the County Act for the cleaning of these parts of the Council property including the Market.

**Isolation.**—The Isolation cases are removed to the Isolation Hospital and the Isolation cases are removed to the Isolation Hospital and the Isolation cases are removed to the Isolation Hospital.

## PENMAENMAWR URBAN. (CAERNARVONSHIRE)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
	1941	1940	1941							
Cowsheds & Farm Dairies ..	14	12	14	-	-	-	-	-	-	-
Retailing Milk Carts ..	12	12	18	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	3	3	-	-	-	-	-	-	-	-
Meat Shops .. ..	5	5	10	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	6	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops .. ..	17	17	17	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	5	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	6	6	6	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. ..	13	13	5	-	-	-	-	-	-	-
Workplaces .. ..	20	20	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	4	14	-
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	-	-

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920: Registered only, 1; Licensed, 2; Total on Register, 3.

	In Dec. 1939	In Dec. 1940	In Dec. 1941.
Registered only .. ..	1	1	1
Licensed .. ..	2	2	2
<b>Total on Register .. ..</b>	<b>3</b>	<b>3</b>	<b>3</b>

**Note**—The District is without a Public Abattoir.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 4310. In the preceeding ten years the average population was 3958.

The Birth-rate is 15.3 per 1000 of the population. In the preceeding ten years the average birth-rate was 11.7 per 1000 of the population.

The Infantile Mortality rate is 45 per 1000 births. In the preceeding ten years the average Infantile Mortality rate was 55 per 1000 births.

The Zymotic Mortality rate is 0.0 per 1000 of the population. In the preceeding ten years the average Zymotic Mortality rate was 0.24 per 1000 of the population.

The General Death-rate is 13.6 per 1000 of the population. In the preceeding ten years the average General Death-rate was 13.1 per 1000 of the population.

The Death-rate from Tuberculosis is 0.92 per 1000 of the population. In the preceeding ten years the average Death-rate from Tuberculosis was 0.56 per 1000 of the population.

The Death-rate from Cancer is 1.3 per 1000 of the population. In the preceeding ten years the Average death-rate from Cancer was 1.91 per 1000 of the population.

ISOLATION HOSPITAL.—During the year 1942 14 patients were admitted. Of these 5 were treated for Diphtheria, 7 treated for Scarlet Fever, and 2 for other Infectious Diseases.

With Diphtheria, 1 of the patients was under 10 years of age, 2 between 15 and 25 years, 2 between 25 and 35 years.

With Scarlet Fever, 1 patient was under 5 years of age, 4 between 10 and 15 years, and 2 between 40 and 50 years.

There were no Deaths during the year. There were no "Return" cases.

Of the Diphtheria patients 3 were from outside the District.

Of the Scarlet Fever patients, 3 were from outside the District.

There were 2 deaths, 1 resident, other outside, from Observation C.S. Meningitis.

## REPORT OF SANITARY INSPECTOR AND SURVEYOR.

(MR. J. PARRY-HUGHES).

*Water Supply.*—The supply was satisfactory and no restrictions as to use were issued during the year.

*Sewerage.*—No trouble was experienced in the Sewerage System, which is all by gravitation.

*Meat and Other Foods.*—A large number of eggs were condemned as unfit for food and a very fair quantity of tinned goods of various kinds were also condemned. All the condemned material was voluntarily surrendered.

## NANT CONWAY RURAL, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions	Purveyors from outside the District.
	1	2	3	4	5	6	7	8	9	10
	1942	1942	1942							
Cowsheds & Farm Dairies..	219	217	68	6	6	6	-	-	-	-
Retailing Milk Carts ..	20	20	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	7	7	-	-	-	-	-	-	-	-
Meat Shops .. .. .	4	4	16	-	-	-	-	-	-	-
Retailing Meat Carts ..	8	8	6	-	-	-	-	-	-	-
Factory Bakehouses ..	1	1	3	-	-	-	-	-	-	-
Workshop Bakehouses ..	12	12	24	-	-	-	-	-	-	-
Bread Shops .. .. .	20	20	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	14	14	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	4	4	4	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries.. .. .)	12	12	10	-	-	-	-	-	-	-
Workplaces .. .. .	6	6	4	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	-	52	58
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	-	-
<i>Wholeselling, Producing and Retailing, 1. Producing only, 33.</i>			

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920: Registered only, 4; Licensed, 6; Total on Register, 10.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .	4	4	4
Licensed .. .. .	4	3	3
Total on Register .. .. .	8	7	7

*Note*—The District is without a Public Abattoir.



## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General is 7320. In the preceding ten years the average population was 5733.

The Birth-rate is 12.4 per 1000 of the population. In the preceding ten years the average birth-rate was 14.3 per 1000 of the population.

The Infantile Mortality rate is 84 per 1000 births. In the preceding ten years the average Infantile Mortality rate was 52 per 1000 births.

The Zymotic Mortality rate is 0.1 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.21 per 1000 of the population.

The General Death-rate is 14.4 per 1000 of the population. In the preceding ten years the average General Death-rate was 15.3 per 1000 of the population.

The Death-rate from Tuberculosis is 0.95 per 1000 of the population. In the preceding ten years the average Death-rate from Tuberculosis was 1.39 per 1000 of the population.

The Death-rate from Cancer is 1.5 per 1000 of the population. In the preceding ten years the average Death-rate from Cancer was 1.78 per 1000 of the population.

**ISOLATION HOSPITAL.**—During the year 1942, 17 patients were admitted. 8 treated for Scarlet Fever, and 9 for other Infectious Diseases.

With Scarlet Fever, 2 were under 5 years of age, 6 under 10 years.

There were no deaths during the year. There were no "Return" cases.

## REPORT OF SURVEYOR AND SANITARY INSPECTOR.

*Water Supplies.*—

**DOLGARROG.**—The village is supplied from the mains of the Conway and Colwyn Bay Joint Water Board, the main supply being Cowlyd Lake.

**DOLWYDDELEN.**—The supply is obtained from an upland stream impounded in a reservoir. Some of the 2 inch distributing mains were cleaned during the year.

**PENMACHNO.**—The villages of Cwm and Llan depend on their supply from springs, the storage capacity of both reservoirs is small, and shortage is experienced during dry periods.

**ROWEN.**—The supply is from springs, and the distribution is by standpipes.

**TREFRIW.**—The main source of supply is Crafnant Lake, and the village was adequately supplied throughout the year.

*Sewerage.*—The systems at Dolgarrog, Dolwyddelen, Penmachno and Trefriw are working satisfactorily.

*Scavenging.*—The house refuse and night soil (in parts of the district) is removed direct by the Council by means of a refuse lorry. The Council were successful in procuring a reconditioned lorry, of more carrying capacity in place of the old lorry which was causing disorganisation of the work through frequent breakdowns. The work is heavier since the war, and to co-operate with salvage collection, the refuse in the district is collected in strict rotation.

**River Pollution.**—No cases of river pollution were found during the year.

**Milk and Dairies Order.**—Much improvement was noted during the year. Numbers of Farms selling wholesale were registered during the year.

**Meat and Food Inspection.**—Inspections are carried out of all meat shops. The following were voluntarily surrendered as being unfit for human consumption :—82lbs. Cheese ; 5lbs. butter, 48lbs. Bacon.

**Disinfection.**—Fourteen cases were removed to the Fever Hospital. Disinfection of six further houses from which persons had been removed or died from other diseases. Bedding and clothing are heated by steam at the Fever Hospital.

Milk Dairies on the Register		Milk Dairies on the Register		Milk Dairies on the Register	
Registered only	Licensed	Registered only	Licensed	Registered only	Licensed
0	0	0	0	0	0
Total on Register					
In Dec. 1920 In Dec. 1919 In Dec. 1918					
A—Dairies registered within the District and selling milk within or outside of the District					
B—Dairies registered outside the District but importing milk into the District					
C—Dairies registered within the District and selling milk outside of the District					
D—Dairies registered outside the District but importing milk into the District					
E—Dairies registered within the District and selling milk outside of the District					
F—Dairies registered outside the District but importing milk into the District					
G—Dairies registered within the District and selling milk outside of the District					
H—Dairies registered outside the District but importing milk into the District					
I—Dairies registered within the District and selling milk outside of the District					
J—Dairies registered outside the District but importing milk into the District					
K—Dairies registered within the District and selling milk outside of the District					
L—Dairies registered outside the District but importing milk into the District					
M—Dairies registered within the District and selling milk outside of the District					
N—Dairies registered outside the District but importing milk into the District					
O—Dairies registered within the District and selling milk outside of the District					
P—Dairies registered outside the District but importing milk into the District					
Q—Dairies registered within the District and selling milk outside of the District					
R—Dairies registered outside the District but importing milk into the District					
S—Dairies registered within the District and selling milk outside of the District					
T—Dairies registered outside the District but importing milk into the District					
U—Dairies registered within the District and selling milk outside of the District					
V—Dairies registered outside the District but importing milk into the District					
W—Dairies registered within the District and selling milk outside of the District					
X—Dairies registered outside the District but importing milk into the District					
Y—Dairies registered within the District and selling milk outside of the District					
Z—Dairies registered outside the District but importing milk into the District					

## OGWEN RURAL, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District.</i>
	1 1941	2 1940	3 1941	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	97	93	98	4	4	4	-	-	-	-
Retailing Milk Carts ..	23	23	73	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	6	6	-	-	-	-	-	-	-	-
Meat Shops .. ..	3	3	84	-	-	-	-	-	-	-
Retailing Meat Carts ..	3	3	37	-	-	-	-	-	-	-
Factory Bakehouses ..	1	1	2	-	-	-	-	-	-	-
Workshop Bakehouses ..	2	2	8	-	-	-	-	-	-	-
Bread Shops .. ..	7	7	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	3	3	5	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	4	3	16	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. ..	11	18	24	-	-	-	-	-	-	-
Workplaces .. ..	7	2	7	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	58	39
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	-	-

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920: Registered, only 4; Licensed, 6; Total on Register, 10.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. ..	1	1	-
Licensed .. ..	5	5	-
Total on Register .. ..	6	6	6

*Note.*—The District is without a Public Abattoir.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 5250. In the preceding ten years the average population was 5320.

The Birth-rate is 13.7 per 1000 of the population. In the preceding ten years the average birth-rate was 12.7 per 1000 of the population.

The Infantile Mortality rate is 55 per 1000 births. In the preceding ten years the average Infantile Mortality rate was 64 per 1000 births.

The Zymotic Mortality rate is 0.1 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.20 per 1000 of the population.

The General Death-rate is 15.8 per 1000 of the population. In the preceding ten years the average General Death rate was 15.8 per 1000 of the population.

The Death-rate from Tuberculosis is 1.1 per 1000 of the population. In the preceding ten years the average Death-rate from Tuberculosis was 0.98 per 1000 of the population.

The Death-rate from Cancer is 3.04 per 1000 of the population. In the preceding ten years the average Death-rate from Cancer was 1.95 per 1000 of the population.

ISOLATION HOSPITAL.—During the year 1942, 14 patients were admitted. Of these 7 were treated for Diphtheria, 3 treated for Scarlet Fever, and 4 for other Infectious Diseases. (1 Cerebro Spinal Meningitis (Youth 16 years of age), 1 Scabies, 2 Dysentery).

With Diphtheria, 0 of the patients were under 5 years of age, 2 under 10 years of age, 1 between 10 and 15 years, 3 between 15 and 25 years, 1 between 25 and 35 years.

With Scarlet Fever, 1 was under 5 years of age, 1 under 10 years, 1 between 10 and 15 years.

There were no Deaths during the year. There were no "Return" cases.

## REPORT OF SANITARY INSPECTOR.

(MR. R. H. JONES, C.R.S.I.).

*Water Supplies.*—From supplies controlled by the Council it was not necessary to impose restrictions on consumption at any time during the year.

Apart from one private supply, reports on samples collected and submitted for examination were satisfactory.

Connections to twelve properties were laid from the Council's water mains.

*Sewerage.*—The recent improvement in water supplies to all parts of the district has made more pronounced the necessity of sewers and disposal systems in various localities. The Council has had the matter under consideration, but the international situation has deterred progress.

*Public Scavenging.*—Domestic refuse is collected once a fortnight. Four sites are in use for controlled tipping and the work is satisfactorily carried out by contract.

*Slaughterhouses.*—The City Abattoir, Bangor, is the slaughtering centre for the area.

*Salvage.*—Collecting centres are in existence in each village within the district. From these regular collections are made to a central depot for sorting and disposal.

Difficulty is being experienced in acquiring a site suitable for the flattening of tins by means of a steam roller.

**Milk Supply.**—There are 98 Registered Farms within the district. The amount of milk exported has considerably increased.

The reconditioning of dairies and cowsheds has materially slackened. This is mainly due to the scarcity of labour and material.

**Disinfection and Disinfestation.**—Bedding is subjected to steam disinfection. Rooms and contents are fumigated with sulphur or formalin. In cases of tuberculosis where the Medical Officer recommends the destruction of bedding, the Council compensates. Seven cases of diphtheria and six cases of scarlet fever were removed to the Isolation Hospital.

REPORT OF SANITARY INSPECTOR.

MR. H. H. JONES, C.S.I.C.

Water Supply.—The supply of water is not sufficient for the district and is not pure.

Sanitation.—The district is not properly drained and the drainage system is defective.

Public Health.—The district is not properly protected against the spread of disease.

Food Supply.—The district is not properly supplied with food and the food is not pure.

Public Health.—The district is not properly protected against the spread of disease.

Public Health.—The district is not properly protected against the spread of disease.

Public Health.—The district is not properly protected against the spread of disease.

Public Health.—The district is not properly protected against the spread of disease.

Public Health.—The district is not properly protected against the spread of disease.

Public Health.—The district is not properly protected against the spread of disease.

## AETHWY RURAL, (ANGLESEY).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

## REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District.</i>
	1 1941	2 1940	3 1941	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	96	96	60	-	-	-	-	-	-	-
Retailing Milk Carts ..	19	19	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	8	8	-	-	-	-	-	-	-	-
Meat Shops .. .. .	11	11	30	-	-	-	-	-	-	-
Retailing Meat Carts ..	9	9	-	-	-	-	-	-	-	-
Factory Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	15	15	-	-	-	-	-	-	-	-
Bread Shops .. .. .	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. .. .)	20	20	-	-	-	-	-	-	-	-
Workplaces .. .. .	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	18	18	66
B.—Occupying premises outside the District, and importing milk into the District .. .. .	1	1	-

## SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920: Registered only, 0; Licensed, 0; Total on Register, 0.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. .. .	8	8	8
Licensed .. .. .	-	-	-
Total on Register .. .. .	8	8	8

*Note.*—The District is without a Public Abattoir.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 10870. In the preceeding ten years the average population was 9643.

The Birth-rate is 17.7 per 1000 of the population. In the preceeding ten years the average Birth-rate was 15.1 per 1000 of the population.

The Infantile Mortality rate is 77 per 1000 births. In the preceeding ten years the average Infantile Mortality rate was 82 per 1000 births.

The Zymotic Mortality rate is 0 per 1000 of the population. In the preceeding ten years the average Zymotic Mortality rate was 0.15 per 1000 of the population.

The General Death-rate is 11.4 per 1000 of the population. In the preceeding ten years, the average General Death rate was 15.9 per 1000 of the population.

The Death-rate from Tuberculosis is 0.6 per 1000 of the population. In the preceeding ten years the average death-rate from Tuberculosis was 0.91 per 1000 of the population.

The Death-rate from Cancer is 1.6 per 1000 of the population. In the preceeding ten years the average death-rate from Cancer was 2.2 per 1000 of the population.

ISOLATION HOSPITAL.—From January to August, 1942, 75 patients were admitted. Of these 27 were treated for Diphtheria, 44 treated for Scarlet Fever, and 4 for other Infectious Diseases. (3 C.S. Fever, 1 measles).

With Diphtheria, 5 of the patients were under 5 years of age, 4 under 10 years of age, 1 between 10 and 15 years, 9 between 15 and 25 years, 3 between 25 and 35 years, and 5 between 40 and 50 years.

With Scarlet Fever, 11 were under 5 years of age, 20 under 10 years, 5 between 10 and 15 years, 6 between 15 and 25 years, 2 between 25 and 35 years, and nil between 40 and 50 years.

There were 4 Deaths during the year. There were no "Return" cases.

## REPORT OF SANITARY INSPECTOR AND SURVEYOR.

(CHRISTOPHER HUGHES, C.R.S.I.).

*Water Supplies.*—The water supplies of the district are derived from deep and shallow wells, many of which are furnished with pumps and are working satisfactory. The practice of fixing pumps on public wells is increasing and where there is the slightest danger of pollution, protective works are carried out.

The Scheme of a Piped Water Supply for the Parish of Llandegfan is in progress.

The report of a Regional Supply Scheme for the whole County is awaited with interest.

*Scavenging.*—The Scavenging of the whole district is done every two months, and the refuse is brought to Llanfair P.G., where a suitable dumping ground by controlled tipping is provided by the Llanfair Parish Council. The tins and light iron are salvaged and taken to Holyhead U.D.C. for baling.

*River Pollution.*—There is no evidence of River Pollution.

*Meat and Other Foods.*—There is no slaughtering done in the District since January, 1940.

*Slaughter of Animals Act.*—Under this Act all slaughtermen are now registered and the stunning of animals is carried out by a humane slaughtering system. All animals come under the purview of the regulations of this Act, compulsorily. The Council have now agreed to include sheep and lambs with the other animals under the provisions of this Act.

*Milk and Dairies Order.*—Every Cowshed and Dairy from which milk is sold is inspected periodically. Samples of milk for the sediment test are taken, and although great improvement has taken place several samples still show a little sediment. The general conditions of the Cowsheds and Dairies continue to show improvements.

*Housing.*—The Council has a very comprehensive Housing programme ready to be put into operation when normal conditions return. Six Agricultural Cottages should be completed by the end of November.

*Disinfection.*—The Lyeocks Fumigators are used for disinfecting houses. There is no steam disinfector provided, for steaming clothes and bedding. Disinfectants are given free, and when the destruction of bedding is ordered, the Council pays for the loss incurred. The Council strongly recommend that a steam disinfector should be provided in the County for use by all local authorities and that a suitable conveyance be acquired to transport bedding, clothing, etc. to and from the disinfecting station.

Milk Dairies on the Register.		Registered only	Total on Register
Registered only	Registered & Unregistered		
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

Note.—The District is without a Public Analyst.



## HIRAETHOG RURAL (DENBIGHSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions	Purveyors from outside the District.
	1	2	3	4	5	6	7	8	9	10
	1941	1940	1941							
Cowsheds & Farm Dairies ..	135	130	-	-	-	-	-	-	-	-
Retailing Milk Carts ..	6	6	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	2	2	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	7	7	-	-	-	-	-	-	-	-
Meat Shops .. .. .	6	6	-	-	-	-	-	-	-	-
Retailing Meat Carts ..	3	3	-	-	-	-	-	-	-	-
Factory Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	9	9	-	-	-	-	-	-	-	-
Bread Shops .. .. .	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and	-	-	-	-	-	-	-	-	-	-
Laundries .. .. .	40	40	-	-	-	-	-	-	-	-
Workplaces .. .. .	-	-	-	-	-	-	-	-	-	-
Home-workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. .. .	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	-	19	116
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	-	-

#### SLAUGHERHOUSES IN PAST AND PRESENT USE.

In 1920 : Registered only, 4 ; Licensed, 6 ; Total on Register 10.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. .. .	7	7	7
Licensed .. .. .	-	-	-
Total on Register .. .. .	7	7	7

*Note.*—The District is without a Public Abattoir.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The Estimated Population furnished by the Registrar General for June, 1942, is 5730. In the preceding ten years the average population was 4940.

The Birth rate is 14.4 per 1000 of the population. In the preceding ten years the average Birth rate was 15.5 per 1000 of the population.

The Infantile Mortality rate is 63 per 1000 births. In the preceding ten years the average Infantile Mortality rate was 62 per 1000 births.

The Zymotic Mortality rate is - per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.18 per 1000 of the population.

The general Death rate is 11.1 per 1000 of the population. In the preceding ten years the average Death rate was 14.4 per 1000 of the population.

The Death rate from Tuberculosis is 0.87 per 1000 of the population. In the preceding ten years the average Death rate from Tuberculosis was 0.69 per 1000 of the population.

The Death rate from Cancer is 2.7 per 1000 of the population. In the preceding ten years the average Death rate from Cancer was 2.15 per 1000 of the population.

**THE CROESYNYD ISOLATION HOSPITAL.**—During the year 1942, 7 patients were admitted. Of these 1 was treated for Diphtheria, 4 treated for Scarlet Fever, and 1 observation Diphtheria, and 1 Infantile Paralysis.

With Diphtheria, none of the patients were under 5 years of age, none under 10 years of age, 1 between 10 and 15 years. With Scarlet Fever, 1 was under 5 years of age, 2 under 10 years, 1 between 10 and 15 years.

There were no deaths during the year. There were no "Return" cases.

## SANIATRY INSPECTOR'S ANNUAL REPORT, 1942—43.

(G. R. HUGHES).

## SANITARY CIRCUMSTANCES OF THE DISTRICT.

*Water Supplies.*—During the year 15 samples of water were taken for analysis at the following places :—Cerrig-y-druidion, Glasfryn, Cefnbrith, Llangerniew, Pentrevoelas, and Rhydycreua.

The results of the Analysis at Pentrevoelas showed evidence of contamination. In following this up the Voelas Estate carried out minor protective work to this supply.

The result of analysis at Llangerniew showed traces of the presence of B. Coli. In following this up it was found that cattle had been getting on to the collecting area near the springs. This was remedied and subsequent samples gave satisfactory results.

Samples taken at Rhydycreua showed evidence of pollution. It is understood that a purification system is to be put in at this place.

Other samples gave a satisfactory result.

*Eglwysbach Village.*—The supply here is still very unsatisfactory and no other temporary supplies for this place can be found. The original scheme for this place approved by the Ministry of Health is the only remedy.

*Sewerage.*—During 1942 no new works were carried out on sewerage or sewage disposal installations.

*Scavenging.*—Collection of House Refuse is carried out in most of the villages in the District. Night soil collection is made in three villages in the District.

*Drainage Systems.*—Three new drainage systems were put in during the year. Two conversions from privies to Water closets were made as a consequence.

*Schools.*—No alteration has occurred at any of the schools during the year.

*Milk.*—Two samples of milk were taken for analysis and were found satisfactory.

*Meat.*—The meat supplies for the District are obtained from centres at Corwen, Colwyn Bay and Abergel. On one occasion 64lb. of Beef were surrendered and condemned as being unfit. Canned meat is also surrendered—perforation of the container being usually the cause of this going bad.

*Bread.*—Bakehouses are periodically visited.

Total No. of Inspections .. .. .	870
Notices served :—	
(a) Informal .. .. .	5
(b) Complied with .. .. .	4
(c) Statutory .. .. .	1
(d) Complied with .. .. .	1

*Housing.*—Little work has been carried out on Housing mainly owing to the difficulty of obtaining Labour and Materials.

*Disinfection.*—Sixteen premises were disinfected after the occurrence of infectious or contagious diseases in the district during the year.

Bedding was also removed from six houses in the district for fumigation after the occurrence of scabies.

## CAERNARVON BOROUGH, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
	1942	1941	1942							
Cowsheds & Farm Dairies ..	33	33	33	8	8	8	-	-	-	12
Retailing Milk Carts ..	30	30	30	2	2	2	-	-	-	-
Milk Shops (Dairy Shops)	8	7	7	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	1	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	16	17	17	1	1	1	-	-	-	-
Retailing Meat Carts ..	2	2	2	-	-	-	-	-	-	-
Factory Bakehouses ..	4	3	3	1	1	1	-	-	-	-
Workshop Bakehouses ..	8	9	9	2	2	2	-	-	-	-
Bread Shops .. .. .	36	36	35	1	1	1	-	-	-	-
Retailing Bread Vans ..	4	6	5	1	1	1	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	14	14	14	1	1	1	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. .. .)	107	105	105	2	2	2	-	-	-	-
Workplaces .. .. .	1	1	1	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. .. .	3	3	3	1	1	1	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	-	29	4
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	10	2

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .	-	-	-
Licensed (The Public Abattoir) .. .. .	1	1	1
Total on Register .. .. .	1	1	1

*Note.*—The District possesses a Public Abattoir.

It has been deemed expedient to cut down this year's Annual Report to a minimum. Further elucidation on some matters may be had on reference to previous Annual Reports.

*Housing.*—The Corporation now own 505 working-class houses. About one-fifth of the entire population have been rehoused. A visiting Superintendent (a qualified Nurse) has been appointed.

New Housing Schemes, with further Slum-clearance, are looked forward to as an element in post-war reconstruction. Carrying out the suspended Sewerage Scheme will be a necessary con-comitant of these. Some building sites are already owned by the Corporation, for example, the Cae Capel site. Probably 24 houses could be erected on this site.

*Water Supplies.*—A Government inquiry had been held into the matter of Filtration of the Water Supply. Chlorination had been previously carried out, but there had been some delay with regard to Filtration. At first there had been some postponement owing to the Ministry of Health having insisted that the rate of water-consumption (at least the volume of water passing through the Water System) should be reduced, in order to lessen the expense of Filtration. By renewing pipes and taking other steps to prevent leakage, material reduction was obtained, and following upon the above-mentioned inquiry, the work of Filtration was carried out, so that the water now is both chlorinated and filtered. The work of cleaning the Main Trunk Pipe from Nant Mills to Ysbytty was completed during the year, with the result that over twice the volume of water is being delivered to the Reservoir.

The pipe-line from the intake to the Reservoir was cleaned and re-lined with concrete. This took some months to complete. A notice had to be issued, that the water would be cut off each night and that all water used for drinking should be boiled previous to use.

*Drainage and Sewerage.*—Parts of the main scheme of Sewerage improvement have been carried out with very satisfactory results in those areas which previously suffered from occasional flooding and were the cause of a great deal of complaint. Further Sewerage will be a necessary preliminary to a complete new Housing Scheme after the war.

*Slaughtering of Meat.*—The Caernarvon Public Abattoir has been made the centre of slaughtering for the surrounding district as well as for Caernarvon itself. During the year the animals slaughtered were—Bullocks, 1853; Cows, 367; Calves, 791; Sheep and Lambs, 21,200; and Pigs, 3,427.

*Milk.*—The County Council granted 5 licences during 1942, 4 to sell T.T. Milk and 1 to sell Accredited Milk.

*Milk Sampled.*—1 sample of milk was taken by the County Inspector, which proved genuine. 2 Samples of milk were taken from each Registered Herd at intervals of 6 months, 45 samples in all.

*Disposal of Condemned Meat.*—This used to be put in the special combustion chamber provided in the Incinerator or Destructor. Condemned meat is now, however, Government property, and as such is always salvaged for certain purposes and has to be accounted for. It is first stained a deep blue colour as a precaution.

*Rats and Mice Order.*—Extensive baiting has been carried out and advice tendered. Baits and poison are supplied free by the Town Council.

*Admitted to Caernarvon Fever Hospital.*—Diphtheria 57 (and 4 suspected), Scarlet Fever 7, Spotted Fever 1 (and 1 suspected).

SOME WAR-TIME ACTIVITIES.

*Air Raid Shelters.*—Four air-raid shelters have been erected. Some of these are provided with a Water Supply and with Water Closets. The Sanitary Inspector has been appointed to superintend the cleaning and spraying thereof, as may be necessary.

*Evacuees.*—There are over 600 evacuees (including unofficial evacuees) in the Town.

*Hostels and Sick Bays.*—There are three hostels, etc., for certain classes of evacuees, and a number of houses have been requisitioned to house some families. These are 16 Slum Clearance houses which have been temporarily adapted and furnished. The Council have taken decisive steps (Sick Bay, Cleansing Station and Visiting Doctor) to stamp out the Scabies and Impetigo nuisance.

*Gas Decontamination.*—The Sanitary Inspector attended a course on this subject. Premises have been ear-marked and are to be adapted for the work (of treating Food-Things, &c.).

*Government War-time Laboratory.*—This is situated at Conway, and is under Dr. Robinson. It serves a very useful purpose. Samples of Water are regularly tested there. Also samples of Ice-cream, &c., have been tested there.

This Laboratory may in time be succeeded by a comprehensive Public Health Laboratory at Bangor, thus bringing the wishes and efforts of the Caernarvon Town Council (Councillor Eames may be specially mentioned) and to some extent of their Medical Officer, to fruition.

## CRICCIETH URBAN DISTRICT (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appearing in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions <sup>s</sup>	Purveyors from outside the District.
	1	2	3	4	5	6	7	8	9	10
	1942	1941	1942							
Cowsheds & Farm Dairies ..	12	12	-	-	-	-	-	-	-	6
Retailing Milk Carts ..	2	7	-	-	-	-	-	-	-	4
Milk Shops (Dairy Shops)	3	3	-	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	-	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	4	4	-	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	2	-	-	-	-	-	-	-	-
Factory Bakehouses ..	6	5	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	3	3	-	-	-	-	-	-	-	-
Bread Shops .. .. .	8	8	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	8	8	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. .. .	28	30	-	-	-	-	-	-	-	-
Workplaces .. .. .	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	-	12
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	-	6

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .	-	-	-
Licensed (The Public Abattoir) .. .. .	1	*1	*1
<b>Total on Register .. .. .</b>	<b>1</b>	<b>*1</b>	<b>*1</b>

*Note.*—The District is without a Public Abattoir. All Meat is now Slaughtered at the neighbouring district, Portmadoc.

*Water Supply.*—The Government War-time Laboratory at Conway, under Dr. Robinson serves a useful purpose.

Bacteriological tests of the water are made periodically thereat.

Water Inspection is regularly made and a Water-Meter has been fixed at Cefn Collwyn to register the flow of water daily.

*Drainage and Sewerage.*—These systems have been maintained.

*House Refuse.*—This is cleared regularly, once a week throughout the year, and during the 6 Summer months, three times a week at the Hotels and large Boarding Houses. The Refuse Tip is outside the district.

*Housing.*—There are 30 Working class dwellings owned by the Council.

*Post-war Building.*—There is still room, on the site of their last Housing Scheme, for 18 more houses. No doubt the Council will be prepared, immediately the war is over, to utilise this land to the full, at the behest of, or with the consent of, the Ministry of Health.

*Milk Supply.*—During 1942 the County Council granted 1 licence within the district to sell Accredited milk. 5 Milk samples were taken by the County Inspector, all proving genuine. Also 3 lots of samples by the Sanitary Inspector.

*Meat Supply.*—The Council's public Abattoir is not now being used for the purpose, meat being distributed from Portmadoc.

*Private Camps.*—Such Camps are inspected, but no encouragement is given them.

*Disinfection and Disinfestation.*—When fevers are notified, disinfectants are supplied free, and houses, schools, etc., disinfected by the Surveyor. Some bedding had to be destroyed, the Council replacing such for the householder.

*Mortuary.*—A Mortuary has been established for the first time, this being close to the cemetery.

*Rats and Mice.*—The system is in operation with good results, the work being carried out jointly by the County Council and the Criccieth Council, with their Sanitary Inspector.

*Ambulance.*—A unit has been formed and an ambulance van been presented to the Town.

*Fire Extinguishing Measures.*—These are now under Government control.

*Admitted to Caernarvon Fever Hospital.*—Diphtheria 11 (and 3 suspected).

#### SOME WAR-TIME ACTIVITIES.

(a) *Billeting of Evacuees.*—Householders have billeted evacuees from Merseyside since the beginning of hostilities. Later, an empty mansion just outside the district was taken by a private organisation and a batch of refugees infants (without their parents) brought there from bombarded London.

*Hostels.*—Within the district, the Girls Friendly Society Premises were turned into a Hostel for a time. Later 2 large houses were requisitioned and adapted as a Sick Bay (for Scabies, &c.), and as a Hostel (for difficult children) respectively.



*School Work.*—Chapel school-rooms have been lent for day-school purposes for some sections of the evacuee children, and additional Water-closets provided thereat.

(b) *Air Raid Shelters.*—Two shelters have been erected.

(c) *Gas Decontamination.*—The temporarily disused public Abattoir has been scheduled for Cleansing and Gas-Decontamination purposes (for treating Food-Stuffs, &c.). A squad of 5 persons has been formed to deal with such.

(d) *Army Mobile Laundry.*—Such a Laundry was established locally, furnished with a large elevated Water-tank, which was replenished nightly from the Town Mains.

## PWLLHELI BOROUGH, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appearing in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Surveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
	1942	1941	1942							
Cowsheds & Farm Dairies ..	13	12	52	2	2	2	-	-	-	14
Retailing Milk Carts ..	12	11	52	-	-	-	-	-	-	14
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	250	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	13	13	13	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	9	9	12	-	-	-	-	-	-	-
Bread Shops .. .. .	17	17	5	-	-	-	-	-	-	-
Retailing Bread Vans ..	9	9	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	1	1	1	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. .. .)	42	48	42	-	-	-	-	-	-	-
Workplaces .. .. .	2	2	2	-	-	-	-	-	-	-
Home-Workers' Premises ..	1	1	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	-	13	-
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	12	2

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .	-	-	-
Licensed (The Public Abattoir) .. .. .	1	1	1
<b>Total on Register .. .. .</b>	<b>1</b>	<b>1</b>	<b>1</b>

*Note.*—The District possesses a Public Abattoir. 8 men were registered for Slaughtering during the year.

*Water Supply.*—At present there is a heavy draw on the supply. Steps are being taken to increase the head of water and to improve the pressure. The water is chlorinated at Murcwyp. Some improvements were carried out at Murcwyp. Further improvements at Murcwyp and Cwnceiliog will have to be carried out in due time.

*Housing.*—All the 146 Council Houses were occupied throughout the year, and the standard of cleanliness and tidiness maintained by the tenants was generally fair. The occurrence of War has greatly affected building developments. Repairs to a very large extent cannot be proceeded with during the War. Similarly, overcrowding cannot be adequately relieved, although accentuated by War conditions—Evacuees, Military, &c.

*Shipping.*—The Harbour was not in use during the year except for coastal sailing.

*Milk Supply.*—All the Cowsheds were inspected and found in a fair condition. The requirements of the Milk Marketing Board help to maintain the standard of cleanliness of utensils and the interior of buildings. The bulk of the Milk Supply is obtained from outlying farms in the Lley district. The Milk-carts and the Utensils are generally clean and well-kept, and Milk Samples generally are free from dirt, but further improvement is still necessary.

1 Milk Licence was granted to sell T.T. Milk.

1 Bovine animal was slaughtered under the Tuberculosis Order, 1938.

22 Samples of Milk were taken, 2 not proving genuine.

Early in 1943 the Town Clerk, on behalf of the Council sent a list of duties to every Milk Vendor, based on the Milk and Dairies Order, 1926.

*Meat Supply.*—The Pwllheli Abattoir was operated during the year by the Ministry of Food and the standard of meat slaughtered and exhibited for sale was kept at a high grade.

Humane slaughtering is carried out, and by registered slaughtermen.

Besides the work done by the Government Officials, the Council's Surveyor regularly inspects the meat before it is passed on to the respective Purveyors.

Meat and Tinned Foods condemned weighed 9 tons and  $\frac{1}{4}$  cwt. Causes for condemning were Tuberculosis, Oedema, Emaciation, Cirrhosis, Actinomycosis, Echinococcosis (and other Parasites), Johne's Disease, Internal Bleeding due to fracture and other injuries. Inflammation of the Heart, Lungs, Pleura, Udder, &c., Jaundice, Mouldiness and Decomposition in the case of Tinned Foods.

After the outbreak of War, the Pwllheli Public Abattoir became the recognised centre for slaughtering both for Pwllheli Town and the surrounding district of Lley.

During 1942, 20,815 animals were slaughtered, being : Cattle 1481, Sheep 18186, Pigs 614 Calves 534.

*Imported Meat.*—287 Quarters of Beef, 856 Lambs, 725 cases of Corned Beef (60 lbs in each case).

*Schools.*—None were closed on account of illness.

*Conveniences.*—The town is fairly well supplied with Conveniences.

*Hospital.*—At long last Bryn Beryl, a mansion bequeathed for the purpose of a Hospital for Pwllheli and the whole of Lley Peninsula, has come into use, but only as a military hospital for the present.

*Admitted to Caernarvon Fever Hospital.*—Diphtheria 12 (and 1 suspected), Scarlet Fever 6 Measles 3, Spotted Fever 2.

*Military Camps.*—For some periods there have been Military Camps stationed in the surrounding Rural District, but there are none within the Borough. A number of airmen, &c., as well as evacuees children were billeted in the Town. There is also a Motor School for training women-drivers of lorries.

*Hostel.*—There is a Hostel for a certain class of evacuees, run by the Lleyn R.D. Council.

*Air Raid Shelters.*—The Corporation has constructed 4 Air Raid Shelters, use being made of passages between and underneath a portion of the houses.

	1942	1941	1940
Cowbods & Farm Dairies	32	32	32
Restaurants	2	2	2
Public Houses	1	1	1
Hotels	1	1	1
Workshops	10	10	10
Factories	10	10	10
Offices	1	1	1
Stores	1	1	1
Public Buildings	1	1	1
Private Dwellings	1	1	1
Other	1	1	1
<b>Total</b>	<b>69</b>	<b>69</b>	<b>69</b>

	1942	1941	1940
Registered only	1	1	1
Unregistered	1	1	1
<b>Total on Register</b>	<b>2</b>	<b>2</b>	<b>2</b>

Note—The Borough is without a Public Abattoir.  
 One slaughterhouse only—is and was, and under the Government.

## PORTMADOC URBAN DISTRICT (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions.	Purveyors from outside the District.
	1	2	3	4	5	6	7	8	9	10
	1942	1941	1942							
Cowsheds & Farm Dairies ..	33	33	39	-	-	-	-	-	-	2
Retailing Milk Carts ..	9	9	9	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	2	2	7	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	1	1	150	-	-	-	-	-	-	-
Meat Shops .. .. .	9	9	14	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	3	4	3	-	-	-	-	-	-	-
Workshop Bakehouses ..	5	6	8	-	-	-	-	-	-	-
Bread Shops .. .. .	10	10	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	4	4	4	-	-	-	-	-	-	-
Factories(including Factory Bakehouses & Laundries)	19	24	57	-	-	-	-	-	-	-
Workshops(including Workshop Bakehouses and Laundries .. .. .)	40	51	45	-	-	-	-	-	-	-
Workplaces .. .. .	2	2	2	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	1	2	4	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	-	33	-
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	2	-

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .	3	1	1
Licensed .. .. .	-	-	-
<b>Total on Register .. .. .</b>	<b>3</b>	<b>1</b>	<b>1</b>

*Note.*—The Borough is without a Public Abattoir.

One Slaughterhouse only —is used now, and under the Government.

*Housing.*—23 Working-class houses are owned by the Council. The Portmadoc Council had purchased over 10 acres of land for the erection of up to 126 houses to meet Overcrowding and other Housing demands. A scheme for 28 houses was being prepared, but owing to the present War Emergency, the scheme was left in abeyance. With regard to remedying dis-repairs, a great deal of the work, owing to the inability to obtain materials during the present emergency, has been left untouched. Where possible the Surveyor is asked to cut out the work.

*Post-War Housing.*—The scheme for the erection of 126 houses has been submitted to the Welsh Board of Health.

*Milk Supply.*—3 licences were granted by the County Council to Dairy Farmers during 1942, 2 to sell T.T. Milk and 1 to sell Accredited Milk. 2 samples of milk taken by County Inspector : both proved genuine.

1 Bovine animal was slaughtered under the Tuberculosis Order 1938.

*Meat.*—Only one of the Portmadoc slaughter-houses is now being used for the purpose, and meat for butchers from outside the district (Criccieth, Penmorfa, Penrhydeudraeth, etc.), is being slaughtered here.

*Water Supply.*—Derived from Tecwyn Lake almost entirely. 37 houses are without internal Water supply, viz., Lower Penmorfa, 21, Morfa Bychan 10, others 6. The Portmadoc Water Company have installed a Chlorinating Plant since some time. Owing to war conditions water consumption has increased considerably. Therefore consumers have been earnestly requested to use every reasonable economy. In an emergency, water drawn from 6 disused springs, and then first boiled could be used. Also arrangements have been made in conjunction with the adjoining Local Authorities in the event of a breakdown on account of enemy action.

*Drainage and Sewerage.*—The Sewer has been reconstructed at Back Terrace Road. Sewers at Osmond Lane and Back High Street will be reconstructed at an early date. The scheme for a new Sewer to run alongside the Cut has been revived, and the Council is prepared to proceed with the Scheme, provided they receive sanction to a loan.

*Admitted to Fever Hospital.*—Diphtheria 1, Scarlet Fever 6.

*Schools.*—No schools were closed during the year on account of illness.

*Conveniences.*—Additional conveniences are required near the G.W.R. Station, and at Tremadoc and at Morfa Bychan.

*Mortuary.*—To replace the old one, a new mortuary, with facilities for "Post Mortem" examinations has been secured, viz., by conversion of the Cemetery Lodge.

*Ambulance Car.*—There is an Ambulance-conveyance jointly owned by the Portmadoc and Deudraeth Councils and by Cooke's Explosives.

*Shipping.*—A few coasting vessels arrived.

#### WAR TIME ACTIVITIES.

(a) *Emergency Government Laboratory at Conway.*—Water samples, Throat-swabs, etc., may now be examined at this Laboratory, the Council paying an Annual retaining fee

The 2 piped supplies were analysed during the year by the Public Analyst, Chester.

(b) *Food Decontamination.*—A scheme for dealing with Gas-contaminated Food is well in hand, and 2 squads each consisting of 4 persons have been formed.

(c) *Mobile Cleansing Unit.*—This apparatus, on wheels, has been supplied to the District or Decontamination purposes.

(d) *Lectures on Decontamination.*—The use of Portmadoc Town Hall was kindly given for the purpose of hearing 4 lectures on the method of Decontaminating Foodstuffs, Clothing, Woodwork and so on after contamination by poisonous Gases. The Lectures were given by Dr. Philips of Morfa Nevin, and the arrangements were made by Mr. Ellis, Clerk of the Deudraeth Council, in consultation with Dr. Lloyd Owen, Medical Officer of Health. The Surveyors and Sanitary Inspectors of Dolgelley, Barmouth, Blaenau Ffestiniog, Penrhyndeudraeth, Portmadoc, Criccieth, Pwllheli and Lleyn attended.

(e) *Fire Extinguishing.*—This is now under Government control.

(f) *Air Raid Shelters.*—2 Air Raid Shelters have been constructed. One is a surface shelter to accommodate 50 persons and is situated near the G.W.R. Station. The other is a basement shelter in the Town Hall to accommodate 200 persons.

(g) *Military Hospital.*—Without once having been opened as a school, the fine new Centra School Buildings were handed over temporarily for use as a Military Hospital.

(h) *Hostels.*—During the early part of last year the Council requisitioned a house known as Craig-y-Don, Borth-y-Gest and had it converted into a Hostel for the reception of evacuated children suffering from some minor ailments such as Bed-wetters. There are 20 beds available and the Hostel is run by a Matron who is a qualified Nurse.

At Portmadoc there is a Private Nursery for young evacuees.

## GWYRFAI RURAL DISTRICT, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District.</i>
	1 1942	2 1941	3 1942	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	341	235	473	-	-	-	-	-	-	2
Retailing Milk Carts ..	71	74	194	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	2	-	8	1	1	1	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	1	1	161	-	-	-	-	-	-	-
Meat Shops ..	32	32	173	-	-	-	-	-	-	-
Retailing Meat Carts ..	19	19	43	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	3	-	-	-	-	-	-	-
Workshop Bakehouses ..	22	22	27	5	5	5	-	-	-	-
Bread Shops ..	119	119	61	2	2	2	-	-	-	-
Retailing Bread Vans ..	8	8	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	14	14	16	1	1	1	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) ..	124	124	92	11	11	11	-	-	-	-
Workplaces ..	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	5	129	205
B.—Occupying premises outside the District, and importing milk into the District .. ..	2	2	-

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .	-	-	-
Licensed .. .. .	1	1	1
<b>Total on Register .. .. .</b>	<b>1</b>	<b>1</b>	<b>1</b>

*Note.*—The District is without a Public Abattoir.



*Housing.*—610 new working-class houses are owned by the Council. There is a shortage still, particularly for young married couples. A further housing programme of some 400 houses was under consideration by the Council before the outbreak of War. The average rent of the older houses in the district is £6—£10 per annum. The outbreak of War placed all officials responsible for housing repairs in a very difficult position. For example Timber and other materials were not obtainable unless it could be proved that the work was of National Importance. It would be well if the Ministry of Health could authorise Local Authorities to issue licences for the release of more Timber, etc. The War has occasioned the postponement of the Model Byelaws, series 4 (Building), being adopted. No County Council grants under the Housing of Rural Workers Act were earned.

*Post-War Housing Programme.*—Acting upon instructions from the Council, the Surveyor (Mr. Closs Parry), accompanied by the local Councillor for each Parish, visited each Parish, and has prepared an Estimate of the number of houses to be included in the Post-War Housing Programme. The number is 665 houses, viz. :—390 to replace unfit houses, 90 to allay overcrowding, 107 for young married couples, 68 for Tuberculosis cases, with 10 houses for Agricultural labourers in the Parish of Clynnog.

*Milk Supply.*—7 licences were granted by the County Council to Dairy Farmers during 1942, 3 to sell T.T. Milk, and 4 to sell Accredited Milk. Bacteriological sampling is done twice annually as far as possible in May and December. A large number of Farmers applied to be registered to whole-sell Milk for Butter manufacture. The required sanitary improvements in the case of 63 Farmers were carried out in the Summer months.

59 formal samples of milk were taken, 14 not proving genuine. 117 samples were taken by the Sanitary Inspector and 14 proved unsatisfactory.

3 Bovine animals were slaughtered under the Tuberculosis Order, 1938.

*Meat Supply.*—Private slaughtering has been stopped for the duration of the War and the final disposal of unsound meat has been transferred to government officials. Meat for the district is now slaughtered at the Caernarvon Public Abattoir, but at the slaughter-house at Port-dinorwic in connection with the Bacon Factory, about 120—150 pigs are slaughtered weekly. For inspection of this work, Mr. Closs Parry gives an average of a part of 3 days a week of his time.

*Water Supply.*—Satisfactory Water Supply to houses had become much more general before the outbreak of War. A new Water Supply is contemplated at Upper Cwmyglo, Ceunant, Rhiwlas, Waenfawr and Rhyd-ddu. The Rhyd-ddu scheme is likely to be completed shortly.

*Schools.*—Ceunant School was closed on account of Diphtheria for one week only.

*Admitted to Fever Hospital.*—Diphtheria 35 (and 3 suspected), Scarlet Fever 23, Spotted Fever 10 (and 3 suspected), Paratyphoid 1, Dysentery 1 and Puerperal Pyrexia 1.

*Drainage and Sewerage.*—Extension of Sewers is urgently required at Deiniolen, Llanrug, Llanberis, etc.

*Public Scavenging.*—This is done throughout the district. In the Northern Area this is done once a week by a 3 ton Dennis Lorry. The Council does not remove trade refuse, but tradesmen are allowed to make use of the Public tipping ground.

*Conveniences.*—New Public conveniences are wanted at Cwmyglo, Llanrug and other places.

*Disinfection.*—In cases where bedding is destroyed compensation is given by the Council in nearly all cases.

*Ambulances.*—Private ambulances are available at the Mona Hotel, Caernarvon, and at the Paragon, Penygroes.

*Disposal of the Dead.*—There should be at least 2 mortuaries in the district. As a War-time provision, the temporarily disused slaughterhouses at Penygroes, Llanberis and Deiniolen have been ear-marked for the purpose, and 3 squads are trained.

## WAR-TIME ACTIVITIES.

(a) *Official Evacuees.*—The District is a reception area for evacuees, and at the outbreak of War some 3,000 school children together with pre-school-age children and mothers were evacuated from Merseyside. When we recollect that in most large Towns there are found at the same time both the greatest wealth and the extremest poverty (not that slovenly habits are always by any means accompaniments of poverty) it is not surprising that at first some unpleasant experiences were reported with regard to some of the children and some awkward and difficult mothers. A number of the children proved to be bed-wetters. And a further number to be suffering from those contagious diseases, Scabies and Impetigo.

(b) *Emergency Government Laboratory at Conway.*—Water samples, Throat Swabs, etc., are now examined at the Conway Laboratory, the Council paying an annual Retaining Fee.

(c) *Overcrowding.*—As stated in the Introductory Report the matter of overcrowding is a very difficult problem to deal with. The population of Gwyrfai has increased one-third since the National Registration day 1939, but is now about stationary. 3 cases of overcrowded houses were relieved during the year through getting Council houses.

(d) *Scabies and Impetigo.*—The Gwyrfai Council, guided by the Clerk (Mr. R. T. Griffith) and their Senior Sanitary Inspector (Mr. Closs Parry), showed enterprise and initiative from the very start of evacuation.

A Sick-Bay was provided at Llanllyfni, a private dwelling-house being converted. It is staffed with a Matron (Mrs. Hughes), 1 Nurse and 2 domestic helps. There are 13 beds, and when circumstances allowed, and in case of emergency, children were taken from other parts of the County. But owing to increasing demands upon this Sick-Bay, cases from outside the Council Area had to be excluded. Indeed, the Council has opened another Sick-Bay at Waenfawr, with 17 beds and a similar number of staff. At present the Llanllyfni Bay is mainly reserved for Girls, and the Waenfawr Bay mainly for Boys.

The Council also opened 2 Hostels, 1 for boys, situated at the former famous Marconi Station, Waenfawr, and one for girls at the Caer Menai residence, Caernarvon. Some 70 to 80 children can be accommodated between these 2 Hostels.

A Hostel at Penybryn Mansion is run by the Gwyrfai Council and the County Council for the benefit of the whole of North Wales.

(e) *Milk Depot: Pasteurisation.*—With the restriction upon prices of farm butter, 28 additional farms were registered to wholesell milk for a Milk Depot. All the farms were inspected by the Senior Sanitary Inspector (Mr. Closs Parry) and when necessary, a detailed list of structural improvements and requirements were served upon the applicants.

(f) *Air-Raid Shelters.*—6 Shelters have been constructed, viz., 1 at Portdinerwic, 1 at Deiniolen, 2 at Llanberis and 2 at Penygroes.

(g) *Gas Decontamination.*—2 Squads of 4 persons each have been trained, having been recruited from the Butchers at the Bacon and Pork Factory, Portdinerwic, and the said Squads being based at Portdinerwic.

A Building at the Portdinerwic Quay has been ear-marked for Food Decontamination.

*Mobile Cleansing Unit.*—At Penygroes there is a Mobile Cleansing Unit, working by Steam-power. To man it, a Squad is being trained by Mr. Closs Parry (Senior Inspector).

## LLEYN RURAL DISTRICT, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	No. on Register.	No. on Register previous year.	No. of Visits or Inspections.	No. of Premises found Defective.	No. of Informal Notices.	No. of these complied with.	No. of Statutory Notices.	No. of these complied with.	No. of Prosecutions	Purveyors from outside the District.
	1 1942	2 1941	3 1942	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	601	569	469	83	83	61	4	4	-	-
Retailing Milk Carts ..	35	36	48	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	22	22	35	-	-	-	-	-	-	-
Retailing Meat Carts ..	23	23	26	-	-	-	-	-	-	-
Factory Bakehouses ..	2	2	2	-	-	-	-	-	-	-
Workshop Bakehouses ..	15	15	5	-	-	-	-	-	-	-
Bread Shops .. .. .	29	29	36	-	-	-	-	-	-	-
Retailing Bread Vans ..	6	6	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. .. .)	94	94	86	-	-	-	-	-	-	-
Workplaces .. .. .	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. .. .	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	-	107	494
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	-	-

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .	-	-	-
Licensed .. .. .	25	-	-
Total on Register .. .. .	25	-	*

*Note.*—The District is without a Public Abattoir.

\*All meet for the duration slaughtered at the adjoining District—Pwllheli.

*Housing.*—82 new working-class houses are owned by the Council. 1 grant was made during the year under the Housing (Rural Workers) Act.

*Post-War Housing.—First year.*—The Council hope they may be sufficiently aided by Government Grants to build 136 houses. That is, 6 in most villages and 4 in the following 4 villages, viz., Penmorfa, Prenteg, Rhoslan and Chwilog.

In the meantime the Council have commenced (through Contractors) to build the 22 houses for Agricultural Workers which were ear-marked for them by the Ministry of Health.

*Milk and Butter.*—15 Licences were issued by the County Council in 1942 to milk vendors within the district, namely, 12 to sell T.T. Milk and 3 to sell Accredited milk.

*Butter Factory.—(At present Milk Centre).*—Most of the Farmers in the district now produce milk for the Butter Factory at Four Crosses, and numerous applications for registration were made. Pressure is put upon them to get the premises and methods to comply with the Milk and Dairies Order, but there is still much work to be done in this direction. Many of the Farms that produce Milk are very short of a proper Water Supply. Samples taken from 2 Wells supplying Water to the Butter Factory were found to be unsatisfactory, and pressure was put on the Management to provide a wholesome supply. This was agreed to, and a suitable and adequate supply has been provided, under the direction of a competent engineer. Butter-making at the Factory has now stopped, in favour of re-selling the milk to schools and to Urban Districts.

18 Bovine animals were slaughtered under the Tuberculosis Order, 1938.

41 samples of milk were taken by the County Inspector, 36 of which proved genuine.

*Meat Supply.*—No slaughtering has taken place in the District since the War started, but the work has been transferred to the Pwllheli Public Abattoir. The Meat Shops were visited and the meat was found wholesome for the most part, but occasional condemned meat is returned to the Public Abattoir to be disposed of by the Government Officials.

*Water Supply.*—Numerous samples of Water were taken during the year and sent to the Emergency Public Health Laboratory, Conway, for Bacteriological Examination. Most of them gave satisfactory results. The Water-supply was improved at Ceidio and other Districts.

A new Water Supply was laid at Brynecroes village. A new storage tank (280,000 gallons) was completed at Eifl Mountain to supply part of Nevin, Morfa Nevin, Edeyrn and Dinas. This can be worked in conjunction with the existing Nevin Water Works. 2800 yards of 3 inch Water Main have been laid to supply Cefnleisiog Camp, together with houses along the route. Samples from a pump at Llanystumdwy village were found to be unsatisfactory, but it has been possible to abolish this supply, as the new pipe-supply from Pencaenewydd passes through the village. Samples of Water taken from a proposed supply to the village of Llanybi proved very satisfactory, but this supply has not yet been piped, which would be for the great convenience of the villagers. A Water Supply scheme had been prepared for Pentrefelin, and a supply is badly needed, but the Ministry of Health feel themselves unable to sanction the necessary loan during the War emergency, unless labour and material can be assured.

*Schools.*—No Schools were closed during the year. An adverse report had to be made with respect to Edeyrn N.P. School, and the Managers could not see their way to save it from being closed.

*Sewerage.*—A new septic Tank with filter has been completed at Aberdaron village, with outfall into the Tidal River. This will abate the nuisance. It is regretted that it was not possible to carry out any new Sewerage schemes in the Eifionydd sub-district, as the need, especially at Chwilog and Efailnewydd, is becoming greater, due to the considerable increase of population.

Also the Sewerage at Llanystumdwy remains incomplete. 8 schemes in all are held in abeyance.

*Scavenging.*—The sanitary Surveyors have submitted a scheme to the Council for improvement on the present method of collection. This has not yet borne fruit. Public Scavenging has been initiated in Llanystumdwy.

*Infectious Diseases and Disinfection.*—Disinfectant was supplied, disinfection carried out, and when necessary bedding destroyed, the householder being compensated.

*Admitted to Fever Hospital, Caernarvon.*—Diphtheria 14 (and 1 suspected), Scarlet Fever 10, Spotted Fever 5 (and 2 suspected).

#### SOME WAR-TIME ACTIVITIES.

1. *Houses for Evacuated Families.*—A number of houses were repaired by the Council and prepared for families evacuated from Bombed Areas. These became occupied.

A Mansion and a spacious house respectively have been taken by London or other organisations, for housing Infants and young children from blitzed districts.

2. *Gas-Decontamination.*—Cleansing or Decontamination sites at Chwilog, Trevor and Sarn have been ear-marked and squads formed for Gas Decontamination (for treating Food-stuffs, &c.).

3. *Rats and Mice Destruction.*—The Council since some time provided, free of charge, poison bait for Rats and Mice Destruction. Also a 3 months campaign was started and 2d. for each Rat-Tail was paid by the Council. Latterly the Council have delegated the work to the War Agricultural Committee.

4. *Military Camps.*—A permanent Camp has been erected in the district, which is now under the control of the Admiralty. Also an Army and Naval Camp. These are in addition to the long standing Penrhos Aerodrome, and 2 other Air Camps. In every matter arising, the Surveyors endeavour to co-operate with the Officers in charge.

5. *Military Hospital.*—The Military have taken over and added to a spacious Residence, bequeathed for use by Pwllheli Town and Lleyr Rural District as Cottage Hospital.

6. *Hostel and Sick Bay.*—The Council has provided one of each.

7. *Shelters.*—There are Public Shelters at Chwilog, Nevin and Sarn. Morrison Shelters distributed among houses surrounding Aerodrome, etc.

## DEUDRAETH RURAL DISTRICT (Merionethshire)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1 1942	2 1941	3 1942	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	148	98	75	44	8	4	-	-	-	2
Retailing Milk Carts ..	9	9	18	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House* ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	11	13	14	-	-	-	-	-	-	-
Retailing Meat Carts ..	6	6	18	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	13	3	3	3	-	-	-	-
Workshop Bakehouses ..	5	5	10	1	1	1	-	-	-	-
Bread Shops .. .. .	12	12	24	-	-	-	-	-	-	-
Retailing Bread Vans ..	9	8	21	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries	9	9	18	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. .. .	18	19	18	4	4	4	-	-	-	-
Workplaces .. .. .	4	4	12	-	-	-	-	-	-	-
Home-workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing.</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both ..		78	70
B.—Occupying premises outside the District, and importing milk into the District .. .. .		2	

### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1940	In Dec. 1941	In Dec. 1942
Registered only .. .. .			
Licensed .. .. .			
Total on Register .. .. .			*

*Remark.*—The District is without a Public Abattoir.

\*Owing to War Arrangements, no meat is slaughtered within the District but is imported from outside (Barmouth, Blaenau Ffestiniog and Portmadoc).

*Housing.*—Before the present War the Council had built 43 houses, 12 under the Housing (Rural Authorities) Act, 1931, and 31 under the Slum Clearance Act, 1930, to replace houses in Condemned or Clearance Areas. The Standard of the majority of Working Class Houses is still poor. Most of them are about 80 years old and comprise only kitchen, larder (which may be dark) and two or three bedrooms, and many of them are without a back door. Where there are 3 bedrooms, one is usually below 50 square feet area. Owing to the number of Evacuees, the relieving of overcrowding is almost out of the question at the present time. When the War broke out the Council had purchased sites and provisionally accepted tenders for the erection of further houses to relieve overcrowding at Penrhyndeudraeth, Maentwrog, Harlech and Llan-deuwyn.

The War prevented the Council from proceeding with the housing scheme to relieve overcrowding, let alone for replacing unfit houses. Of course in a number of instances both conditions would have been remedied at the same time.

*Housing Repairs.*—Similarly with Housing Repairs, there is a difficulty in obtaining materials and in securing skilled labour to do the work. However the Council have before them a list of 165 defective houses (131 of them in blocks or areas) and are considering how many of the same could be rendered habitable, without undue expenditure.

*Government Houses for Agricultural Labourers.*—The Council have chosen Llanfair as the site for erecting the 4 houses ear-marked for them out of the 3000 houses for the Agricultural labourers of England and Wales decided upon by the Ministry of Health as a First Instalment in this direction. The Council also, at the request of the Ministry of Health are paving the way for an extension scheme of House building to relieve Overcrowding and to replace unfit Houses, and to raise the standard of Working-class houses generally.

*Water Supply.*—In some villages (for example Garreg, Rhyd, Croesor and Gwynfryn), the houses depend for Water Supply on Public Standpipes, or Wells. Before long it is hoped Water for Gwynfryn will be supplied from the adjoining Dolgelley district, and for Garreg by increasing storage. Trawsfynydd suffered from shortage of water, but the supply has been supplemented. As for Maentwrog, the Council propose to take over and improving the existing private scheme.

*Drainage and Sewerage.*—An insufficient Water Supply retards the provision of a sewerage scheme, and consequently prevents the conversion of Midden and Bucket privies into Water-closets. The Sewerage at Llanfrothen, Maentwrog and Ynys should receive early attention. Schemes have been prepared for Harlech, Talsarnau and parts of Trawsfynydd, that is, improvements on the present works.

*Milk Supply.*—T.T. Milk is sold from five farms and the Deudraeth Sanitary Inspector takes milk samples from these farms regularly every month on behalf of the County Council and their Medical Officer. These dairy farms are, one at Penrhyn, one at Trawsfynydd and three at Maentwrog. There are 78 Dairy Farms in all within the District. 70 of these send milk to the Milk Centre.

14 Samples of Milk were taken during the year through the County Constabulary. 11 of the 14 samples were certified genuine by the Public Analyst.

3 samples were below standard, and the vendor of the same was fined.

1 bovine animal was slaughtered during the year under the Tuberculosis Order, 1938.

*Urinals.*—Urinals for the first time are required at Talsarnau and Llanbedr, and additional ones at Harlech and Penrhyndeudraeth.

*Meat.*—The Meat of this district is distributed from three centres, viz., Portmadoc, Blaenau Pfestiniog and Barmouth, all outside the Deudraeth Area. An application by the Council (to the Meat Commission) to establish a Public Abattoir at Harlech was refused.

*Disinfection.*—This is carried out by Spraying and Fumigation. In the absence of a steam disinfectant, bedding in the case of death of Tubercular persons is ordered to be destroyed and the owner compensated in suitable cases. Disinfectant is provided free to householders in all cases of Infectious Diseases.

*Tuberculosis.*—The County Council has an active After-care Committee, prepared to extend substantial help to sufferers from Tuberculosis and to their families.

A special Health Visitor had been appointed to pay visits, &c.

*Diphtheria Immunisation, Care of Mothers and Infants, Blind Persons Acts, &c.*—The County Medical Authority are very active in these matters also, and also in the matter of Rats and Mice.

#### SOME WAR-TIME ACTIVITIES.

(a) *Better Fire extinguishing facilities*, in addition to the fire engine, have been secured. These are now under Government control.

(b) *Ambulances.*—In addition to the ambulance station at Penrhyndeudraeth intended for non-fever emergencies, there is now an Ambulance at Corwen in connection with the new Colomendy Fever Hospital (see below).

(c) *Colomendy Fever Hospital, Corwen.*—An unoccupied mansion converted into an Isolation Hospital (temporary or otherwise) for the county of Merioneth, which alone among our 16 Sanitary Districts had hitherto been without a Fever Hospital. The Fevers admitted seem to be limited to Diphtheria and Scarlet Fever. Probably after the War a more central spot in the County could be secured for the Hospital.

(d) *Sick Bay and Hostels.*—(1) *Sick Bay at Harlech.*—Such a Hospital was early established by private enterprise (zealously assisted by the local medical practitioner, Dr. Williams) in an empty house called Cae Besi, which had been adapted for the purpose. It was adopted by the Deudraeth R. D. Council, but later it was taken over by the County Council for the use of the entire County, including of course, the Deudraeth district, from which district cases of Scabies and other cases are received. (2) *Penygarth Hostel, Harlech.*—For bed-wetters and other difficult cases. Another house in Harlech was acquired by the Deudraeth Council on behalf of the Managers of a private school for mental defectives. (3) *Llys Myfyr Hostel, Talsarnau.*—An emergency reception Hostel principally. (4) *Crown Lodge, Harlech.*—Requisitioned by the County Council to serve the whole County for Scabies, etc.

Permission has now been obtained to admit local as well as evacuee children to the Cae Besi and Crown Lodge Hostels.

(e) *Shelters.*—The following shelters have been established—(1) At Penrhyn (a basement). (2) At Garreg (a basement). (3) At Talsarnau (a public shelter in a disused mine level).

(f) *Rest and Feeding Centres.*—At Penrhyn and Harlech public buildings have been ear-marked as Rest and Feeding Centres.

(g) *Cleansing (Gas decontamination) Stations.*—One for Decontamination of Personnel at Penrhyn (Llys Ednyfed) and one so far for decontamination of Food Stuffs (at Harlech Cattle Mart). 2 Motor Lorries have been ear-marked for transporting Gas-Contaminated Food-stuffs.

(h) *Air-Raid Precautions.*—Dr. Lewys Lloyd (the County M.O.H.) is responsible for the organisation of the Air-raid Casualty Services, Hospitals, First-aid Posts, Parties and Points. Ambulances, Cars for Sitting cases, etc. *Hospitals.*—These are at Blaenau Ffestiniog, Dolgelley and Towyn, and each has an Annexe equipped by the Ministry of Health. Other related Hospitals are the Public Institutions at Bala, Dolgelley and Penrhyndeudraeth. *Mobile Units.*—There are Mobile Units at Blaenau Ffestiniog and Penrhyndeudraeth. Each is in charge of a Medical Officer and a Trained Nurse. *Equipment.*—These Mobile Units have their equipment packed in boxes which can be transmitted to any place where casualties have occurred. *First Aid Parties.*—8 have been established in the County, one each at Corwen, Bala, Dolgelley, Barmouth, Towyn, Penrhyndeudraeth and two at Blaenau Ffestiniog. *First Aid Points.*—These are located in various villages throughout the County. Each is supplied with a Box of First Aid Equipment, and is in the charge of a person trained in First Aid, helped by 3 or 4 other men or women. *A.R.P. Ambulances.*—There are 12 A.R.P. Ambulances in their service, some of which are Converted Vehicles.



## BETTWSYCOED URBAN, (CAERNARVONSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District</i>
	1 1941	2 1940	3 1941	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	10	10	40	4	4	4	-	-	-	-
Retailing Milk Carts ..	7	5	35	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	1*	1	-	-	-	-	-	-	-	-
Meat Shops .. ..	1	1	20	-	-	-	-	-	-	-
Retailing Meat Carts ..	2	2	40	-	-	-	-	-	-	-
Factory Bakehouses ..	1	1	12	-	-	-	-	-	-	-
Workshop Bakehouses ..	1	1	12	-	-	-	-	-	-	-
Bread Shops .. ..	3	3	12	-	-	-	-	-	-	-
Retailing Bread Vans ..	3	5	15	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	4	4	12	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries) .. ..	-	-	-	-	-	-	-	-	-	-
Workplaces .. ..	7	7	14	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. ..	-	6	1
B.—Occupying premises outside the District, and importing milk into the District .. ..	-	5	-

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920 : Registered only, 0 ; Licensed, 0 ; Total on Register, 0.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. ..	-	-	-
Licensed .. ..	1	1	1
Total on Register .. ..	1	1	1

*Note.*—The District is without a Public Abattoir.

\*No Slaughtering in District since period of Rationing.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar General for June, 1942, is 1,110. In the preceding ten years the average population was 820.

The Birth-rate is 13.5 per 1000 of the population. In the preceding 10 years the average Birth-rate was 9.03 per 1000 of the population.

The Infantile Mortality rate is 0.0 per 1000 births. In the preceding ten years the average Infantile Mortality rate was 47 per 1000 births.

The Zymotic Mortality rate is 0.0 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.0 per 1000 of the population.

The General Death rate is 17.8 per 1000 of the population. In the preceding ten years the average General Death rate was 13.3 per 1000 of the population.

The Death-rate from Tuberculosis is 1.8 per 1000 of the population. In the preceding ten years the average Death-rate from Tuberculosis was 1.8 per 1000 of the population.

The Death-rate from Cancer is 2.7 per 1000 of the population. In the preceding ten years the average Death-rate from Cancer was 1.9 per 1000 of the population.

**ISOLATION HOSPITAL.**—During the year 1942, 4 patients were admitted. 3 treated for Scarlet Fever, and 1 for other Infectious Diseases, Acute Poliomyelitis. Gh 2.

With Scarlet Fever, none were under 5 years of age, 2 under 10 years, 1 between 10 and 15 years. There were no deaths during the year. There were no "Return" cases.

## ANNUAL REPORT.

(SANITARY INSPECTOR—ERNEST JONES, A.R.S.I.)

*Water Supply.*—This is obtained from Elsi Lake. The water shed is free from human habitation, and an abundant supply of water is available. An automatic chlorinating plant has been installed. Samples of water are taken regularly for Bacteriological examination, and very good results are obtained.

*Sewerage.*—The sewers are systematically flushed, periodically scavenged and well maintained.

*Scavenging.*—The removal of house refuse is by contract. Household refuse is removed weekly, and twice a week from hotels and restaurants. Disposal is by means of Controlled Tipping.

*Infectious Disease.*—The district was free from any epidemic. Cases of infectious disease are removed to the Groesnyd Hospital, the infectious bedding and clothing are steam disinfected at the hospital, and disinfectants are supplied to householders for cleansing purposes. Rooms are sprayed and fumigated with formalin.

*Disinfestation.*—I had no evidence of any house within the district being infested with the bed bug.

*Public Conveniences.*—These are cleansed daily and kept in good repair.

*Milk Supply.*—Herd sampling for Tubercle Bacilli was carried out direct by the County Council and I am pleased to report that no cow giving Tuberculous milk was traced within the district.

20 samples of milk were taken during the year for Bacteriological examination, 19 of which gave satisfactory results, one sample being unsatisfactory.

Cowsheds and Dairies are frequently visited, all are periodically whitewashed and are kept in a clean condition.

One producer is licenced by the County Council to produce and bottle Tuberculin Tested Milk (Certified). Two Tuberculin Tested Producers having premises outside the area sell Tuberculin Tested Milk (Certified) within the district.

*Slaughter House.*—No slaughtering is now carried out in the district, the Colwyn Bay abattoir being the slaughtering centre for the area.

*Meat and Other Foods.*—All bakehouses are frequently visited, and are periodically whitewashed and kept in a clean condition. Foodstuffs in all shops and retail vans are regularly inspected.

*Rats and Mice.*—Every effort is being made to destroy rats in the Council's properties, including refuse tips, sewers, etc., advice and assistance being given to farmers, householders, etc., whenever required.

*Mortuary.*—A mortuary has been established for the first time and a mortuary squad of 4 persons has been formed.

*Gas Decontamination.*—Suitable premises have been earmarked for the gas decontamination of foodstuffs, and a food decontamination squad has been formed.

## LLANRWST URBAN (DENBIGHSHIRE).

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the Introductory Report, and in the series of Large Tables appertaining in common to all the Sixteen Combined Districts.

### REGULATED ESTABLISHMENTS.

<i>Those premises situated within the District.</i>	<i>No. on Register.</i>	<i>No. on Register previous year.</i>	<i>No. of Visits or Inspections.</i>	<i>No. of Premises found Defective.</i>	<i>No. of Informal Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Statutory Notices.</i>	<i>No. of these complied with.</i>	<i>No. of Prosecutions</i>	<i>Purveyors from outside the District.</i>
	1 1941	2 1940	3 1941	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	12	10	15	-	-	-	-	-	-	-
Retailing Milk Carts ..	6	5	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	1	-	10	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops .. .. .	5	-	15	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	2	-	10	-	-	-	-	-	-	-
Workshop Bakehouses ..	3	-	15	-	-	-	-	-	-	-
Bread Shops .. .. .	14	-	28	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	2	-	10	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries .. .. .)	28	-	28	1	-	-	-	-	-	-
Workplaces .. .. .	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades .. ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing &amp; Producing..</i>	<i>Wholeselling &amp; Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both .. .. .	-	4	11
B.—Occupying premises outside the District, and importing milk into the District .. .. .	-	2	-

#### SLAUGHTERHOUSES IN PAST AND PRESENT USE.

In 1920: Registered only, 0; Licensed, 0; Total on Register, 0.

	In Dec. 1939	In Dec. 1940	In Dec. 1941
Registered only .. .. .	5	5	5
Licensed .. .. .	-	-	-
<b>Total on Register .. .. .</b>	<b>5</b>	<b>5</b>	<b>5</b>

*Note*—The District is without a Public Abattoir.

\*Nil since the period of rationing.

## SUMMARY OF VITAL STATISTICS FOR THE YEAR 1942.

The estimated population furnished by the Registrar-General for June, 1942, is 2637. In the preceding ten years the average population was 2403.

The Birth-rate is 17.3 per 1000 of the population. In the preceding ten years the average Birth-rate was 14.7 per 1000 of the population.

The Infantile Mortality rate is 65 per 1000 births. In the preceding ten years the average Infantile Mortality rate was 38 per 1000 births.

The Zymotic Mortality rate is 0.1 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.38 per 1000 of the population.

The general Death-rate is 14.4 per 1000 of the population. In the preceding ten years the average general Death-rate was 16.2 per 1000 of the population.

The Death-rate from Tuberculosis is 0.7 per 1000 of the population. In the preceding ten years the average Death-rate from Tuberculosis was 1.00 per 1000 of the population.

The Death-rate from Cancer is 1.1 per 1000 of the population. In the preceding ten years the average Death-rate from Cancer was 1.82 per 1000 of the population.

**ISOLATION HOSPITAL.**—During the year 1942, 23 patients were admitted. Of these 15 were treated for Diphtheria, 2 treated for Scarlet Fever, and 2 for other Infectious Diseases. 2 Observation Diphtheria, 1 Puerperal Fever, 1 Acute Bronchitis.

With Diphtheria, 4 of the patients were under 5 years of age, 5 under 10 years of age between 10 and 15 years, 3 between 15 and 25 years, 3 between 25 and 35 years, and between 40 and 50 years. With Scarlet Fever, 2 were under 10 years. There were 3 deaths during the year (ages 2 years, 6½ years, and 6 years). None of these cases were immunized. There were no "Return" cases.

## SANITARY INSPECTOR AND SURVEYOR'S REPORT FOR YEAR 1942.

(CYRIL MORGAN).

*Water Supply.*—The Water Supply continues to be satisfactory. The Llanrwst and Trefriw Joint Water Committee have a Scheme for the improvement of the in-take from Crafnant Lake, so as to increase the volume of water both for Trefriw and Llanrwst. It is anticipated that this work will be carried out immediately after the cessation of hostilities.

*Scavenging.*—The house refuse collected is carried out by the Council's own workmen and Lorry. The "once weekly" system being maintained through the District. Waste paper, Metals, etc., are salvaged and the Tipping is made on ground subject to flood.

*Sewerage.*—All Sewers are periodically examined and flushed. All Man-holes and Sewers are scavenged periodically.

*Bake Houses.*—All Bake Houses are visited frequently. All are periodically Lime-washed and kept in a clean condition.

*Disinfection.*—Each house is disinfected in cases of infectious disease immediately the case is notified. Patients are removed by Ambulance to the Groesnyd Isolation Hospital and all clothing is steamed in disinfectant at the Hospital.

The National School was closed and disinfected on one occasion, owing to difficulties arising from an infected child attending school.

*Slaughter House.*—The Slaughter house is now closed. All Slaughtering being carried out at the Central Slaughter house, Colwyn Bay.

*Housing.*—No new Houses were erected during the year. Ten Houses which had been closed in previous years were demolished.

*Rats and Mice.*—Every effort is being made to destroy Rats in Council's properties, including refuse Tips, Sewers, etc. Advice and assistance being given to Farmers, Householders, etc., whenever required.

*Disinfestations.*—No cases were found during the year and no dwellings were caused to be disinfested.

*Public Conveniences.*—No alterations have been made to existing Conveniences. All are supplied with Automatic Flush Systems and they are all hosed down and disinfected every morning.

*Ministry of Agriculture, Prisoners of War Camp.*—A new Camp in the District was opened this year. Under the Medical Officer of Health's instructions, this Camp is visited frequently. The Camp is kept in a very clean state and is supplied with all amenities.

The National & local was closed and relocated on the occasion owing to difficulties arising in an important and strategic position.

Another House - The Strategic House is also closed. All strategically being closed out in the United States House, Oregon Dept.

House - The new House was opened during the year. The House which had been out in previous years was closed.

John and Alice - Every effort is being made to destroy rats in domestic properties in and about the House, the House and adjacent being given to various Householders, wherever possible.

Disinfectant - No cases were found during the year and no disinfectant was used to disinfect the House.

Public Commission - No attention has been made to examine Commission. All are joined with American Public House and they are all closed down and disinfectant every day.

Ministry of Agriculture, Ministry of War Camp - A war Camp in the District was opened in 1917. The Medical Officer of Health's duties were also carried out in the Camp in 1917 in a very busy period and equipped with all necessary and the year 1917.

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