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Contributors

Caernarvonshire Combined Sanitary Districts.

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THIRTY-SECOND
(XXXII).

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A.

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

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 LLANRWSY URBAN DISTRICTS.

For the Year 1939

CAERNARVON :

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

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(A).

Introduction.

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 1939. This is our THIRTY-SECOND 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) *Veneal 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 most 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 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*.—Long overdue Reforms : The question of an After-care Committee for each of the four Counties, coupled with the essential question of providing a full complement of trained Female Health Visitors. Annual Medical Examinations (Tuberculin-testing for Humans?) 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 the previous year (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), should find a prominent place in this list of Investigations into the abnormal incidence of Tuberculosis in the Gwyrfaï Rural District, as well as in other Welsh Districts and Counties, all through the years.

P.S.1.—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. Therefore a "Dual-care Committee" would be the better term—care *before* and care *after*—in other words, *Preventive* care and *Curative* (or Remedial) care. If it be feared to lose the word "After" from the title, the Committee could be called the "After and Earlier Care Committee."

(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 the South Caernarvonshire Districts, Deudraeth, Hiraethog, Geirionydd, &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 Travelling Disinfecting Vans, with Disinfecting Officer, for disinfecting premises and bedding, &c.

P.S.2.—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 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.

(8) *Meat*.—Under War conditions private slaughtering has been replaced by Government slaughtering. There should be Refrigerators in connection with every Abattoir.

(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, 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 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 1939 were 15.0, 12.1, 50.0 as compared with 15.1, 11.6, and 53.0 in 1938, and therefore slightly lower as regards Birth-rate, and Infant Mortality, and slightly (0.5) higher as regards Death-rate.

We have the honour to be,

Your obedient Servants,

G. LEWIS TRAVIS.
E. LLOYD OWEN.

Table II.
GENERAL STATISTICS.

AREA (in Statute acres—land and inland water)	A
TOTAL POPULATION :—	
Mid-Year 1939 (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
PRIVATE FAMILIES AND DWELLINGS (Census 1921) :—	
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)	S
Produce of a Penny Rate (In 1936)	T
No. of Members on the Council	U

CAUSES OF DEATH.

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
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—(0.01), Whooping Cough—(0.03), Diphtheria and M. Croup—(0.05), Influenza—(0.21), Diarrhoea and Enteritis (under 2 years)—(4.6) per 1000 Births in this last case.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
A	1213	893	2840	4472	3814	23883	44066	36889	8776	2218	1450	1120	3390	96475	24460	75915	4472	822
B	12290	4548	15110	3122	3951	6380	5110	10300	5593	9076	1663	3797	4152	24170	17370	7433	782	2367
C	11029	4132	19281	3639	4483	4270	5842	8235	1723	8340	1802	3546	4079	24180	16680	7170	1025	2367
D	10959	4476	13677	3162	4021	4529	5639	8013	1853								912	2366
E	10959	2243	13677	3062	4021	4529	5639	8013	1853	8469	1449	3599	3986	23947	16441	7417	912	2364
F	4993	2233	5540	1498	1877	2174	2780	3963	939	3906	575	1621	1821	11726	8084	3653	398	1142
G	5966	2124	8137	1664	2144	2355	2859	4050	914	4563	874	1978	2155	12221	8357	3764	514	1229
H	-	4.6	6.8	0.8	1.2	0.3	0.1	0.2	0.2	3.82	3.08	3.21	1.03	0.34	0.17	0.09	0.2	2.9
I	2478	1171	3934	709	1068	1926	1480	2078	405	2102	475	878	1079	6572	4379	1773	211	618
J	2455	1160	2170	705	918	791	1466	2073	401	2085	377	877	1058	6526	4319	1750	195	592
K	9842	4115	14770	295	4148	8150	5653	8138	1717	8035	1759	3547	4124	23987	16827	7090	792	2284
L	3.97	3.51	3.75	4.16	3.88	4.23	3.82	3.92	4.24	3.82	3.70	4.04	3.82	3.65	3.84	4.00	3.75	3.77
M	1.01	1.01	1.81	1.01	1.16	1.08	1.01	1.00	1.01	1.01	1.26	1.00	1.02	1.01	1.01	1.01	1.08	1.04
N	13365	5645	16713	3972	5461	9228	7591	10532	2000	11808	3071	5592	6629	34293	23959	9848	1361	2883
O	5.44	4.87	7.83	5.63	5.95	5.15	5.18	5.08	4.99	5.66	8.15	6.38	6.27	5.26	5.55	5.63	6.98	4.86
P	1.36	1.37	1.13	1.35	1.32	1.13	1.34	1.29	1.16	1.47	1.75	1.58	1.61	1.43	1.42	1.39	1.72	1.20
Q	407	102	1099	120	147	557	169	796	139	422	23	144	62	538	634	222	16	209
R	4.1	2.5	7.4	4.1	3.5	6.8	3.0	9.8	8.1	5.3	1.3	4.1	1.5	2.2	3.8	3.1	2.0	9.6
	£	£	£190	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£
S	69623	11114	017	14461	23826	29956	17492	26768	27630	19076	1663	3797	4152	24170	17370	7433	5518	13751
T	263	40/10	749	54	90	113	66	96	115	179	42	81	66	201	167	164	22/4	50
U	24	13	30	15	13	18	13	21	21	24	15	16	16	42	43	14	11	12
V	157	59	214	42	57	79	76	182	85	123	25	66	53	455	269	115	13	42
W	76	32	99	15	32	40	37	96	44	67	8	36	29	249	133	67	9	25
X	81	27	115	27	25	39	39	86	41	56	17	30	24	206	136	48	4	17
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	1	-	-	1	-	-	-	-	-	1	1	-	-	-
C	1	-	1	-	-	5	-	2	-	-	1	-	-	-	-	-	-	-
D	4	-	5	2	1	10	1	16	5	1	-	-	1	11	8	6	1	1
E	-	-	-	-	-	-	1	-	-	-	-	-	2	1	-	-	-	-
F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-
G	10	6	3	-	4	5	2	6	4	9	1	5	-	38	16	9	-	2
H	3	1	-	-	-	1	-	1	-	1	1	-	-	7	5	1	-	-
I	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	1	-	-
J	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	21	8	42	5	7	11	3	20	13	18	2	9	4	60	38	17	3	6
L	2	1	1	1	1	-	1	-	-	1	-	-	-	5	2	2	1	1
M	8	5	10	-	3	6	6	16	5	3	1	7	8	24	20	6	-	6
N	37	13	54	7	14	30	29	48	30	23	8	18	9	103	49	29	2	6
O	-	1	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-
P	9	4	24	8	5	5	7	13	2	17	2	5	6	35	15	5	3	1
Q	5	3	1	5	1	1	1	4	2	7	1	2	-	12	7	3	-	-
R	4	2	6	1	3	3	1	5	3	4	1	-	3	12	11	-	-	2
S	1	-	2	1	2	1	1	1	-	2	-	-	2	2	-	-	-	-
T	4	-	1	-	-	-	-	1	2	-	-	-	-	2	2	-	-	1
U	1	1	1	-	-	-	-	1	-	1	-	-	1	1	-	-	-	-
V	2	-	-	-	-	1	-	-	1	-	-	-	-	4	1	2	-	-
W	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	1	1	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1
Y	2	2	2	2	-	1	-	3	-	2	1	-	3	1	5	1	1	2
Z	5	1	6	1	1	5	2	9	4	4	3	5	4	22	27	4	-	4
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	3	-	1	-	-	-	1	1	-	-	-	-	-	1	1	-	-	2
C	8	1	7	-	1	1	3	4	-	4	1	2	1	14	9	5	-	2
D	11	-	2	1	-	1	4	10	-	2	-	3	2	25	2	2	-	1
E	-	-	2	1	-	2	-	2	-	1	-	1	-	1	4	1	-	-
F	4	4	7	1	3	5	3	7	4	9	-	1	1	12	8	8	1	1
G	10	5	28	6	7	11	8	12	9	10	2	7	6	54	32	14	1	3
H	-	-	-	-	2	-	-	-	-	1	-	-	-	1	3	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	-	-	-	-	-	-	-	-	-	8923	1495	3636	4043	23490	17370	7433	-	-

	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.	Penmaenmawr U.D.	Nant Conway R.D.	Ogwen R.D.	Aethwy R.D.	Hiraethog R.D.	Carnarvon Borough.	Criccieth U.D.	Pwllheli Borough.	Portmadoc U.D.	Gwyrfai R.D.	Lleyn R.D.	Deudraeth R.D.	Bettwsucoed U.D.	Llanrust U.D.
A	177	16	72	2	56	57	76	-	9	40	18	6	6	137	51	16	-	10
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	67	4	32	1	2	19	16	16	5	6	3	1	5	86	16	4	-	9
D	18	2	7	-	3	32	2	23	1	31	12	3	1	37	27	8	-	31
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M	68	9	7	1	47	5	51	32	1	-	-	-	-	-	-	-	-	-
N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	2	-	11	-	1	-	-	3	-	1	1	1	-	-	5	-	-	-
B	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-
C	16	-	2	-	1	1	1	1	-	1	-	1	-	2	1	1	-	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	2	1	4	-	-	-	2	-	1	1	-	-	-	6	3	2	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	23	10	17	2	7	11	12	8	6	12	1	5	5	50	30	12	1	7
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	17	8	13	2	6	7	9	5	4	11	1	5	4	42	29	11	-	3
K	9	5	5	1	5	5	4	2	1	5	1	2	3	26	13	5	1	2
L	8	3	8	1	1	2	5	3	3	6	-	3	1	16	16	6	-	1
M	6	2	4	-	1	4	3	3	2	1	-	-	1	8	1	1	-	4
N	4	2	-	-	3	3	2	1	2	-	-	-	1	6	-	-	-	2
O	2	-	4	-	1	1	1	2	-	1	-	-	1	2	-	-	-	2
P	11	4	4	-	2	6	2	5	-	9	2	5	-	45	21	10	-	1
Q	8	3	4	-	2	5	1	1	-	8	1	5	-	38	16	9	-	1
R	7	2	3	-	3	3	1	1	-	4	-	3	-	19	7	5	-	1
S	1	1	1	-	2	2	-	-	-	1	1	2	-	19	9	4	-	1
T	3	1	1	-	1	1	1	4	-	1	-	-	-	7	5	1	-	-
U	1	-	-	-	-	-	-	-	-	1	-	-	-	6	3	1	-	-
V	2	1	-	-	-	1	-	1	-	-	1	-	-	1	2	-	-	-
W	3	1	-	-	-	1	1	-	-	-	-	-	-	7	1	-	-	1
X	-	-	-	-	-	-	-	-	-	-	1	-	-	7	-	-	-	-
Y	10	6	12	2	6	9	10	4	4	-	-	-	14.0	3.3	-	-	-	4
Z	8	6	9	2	6	6	9	2	4	-	-	-	-	-	-	-	-	3
A	1	-	2	-	-	3	1	2	-	-	-	-	-	-	-	-	-	1
B	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	61	-	-	4	1	4	1	61	-	-	12	24	2	266	47	9	-	34
B	61	-	-	-	-	-	-	61	-	-	12	24	-	239	29	-	-	26
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	-	4	1	4	1	-	-	-	-	-	2	-	18	9	-	8
E	61	-	-	-	-	-	-	-	-	-	12	24	-	239	-	-	-	-
F	61	-	-	-	-	-	-	61	-	-	12	24	-	239	-	-	-	-
G	61	-	-	-	-	-	-	53	-	-	*9	24	-	239	-	-	-	26
H	-	-	-	-	-	-	-	8	-	-	3	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	-	-	-	-	-	-	-	-	1	-	-	-	-	27	-	-	-	-
K	226	50	97	63	28	20	188	270	40	765	441	62	104	477	221	50	31	34
L	261	52	97	72	36	20	198	-	40	765	444	105	400	534	343	65	60	-
M	226	-	-	-	-	-	-	270	40	-	-	62	-	220	-	-	-	12
N	261	-	-	-	-	-	-	-	8	-	-	105	-	271	-	-	-	20
O	-	-	18	-	-	-	94	-	2	30	-	-	-	39	84	42	23	-
P	49	13	34	-	2	-	24	25	-	289	11	5	39	86	57	8	11	-
Q	49	10	34	23	4	1	14	-	-	35	11	-	-	61	25	4	-	-
R	-	-	1	-	-	-	-	-	-	8	-	-	23	35	6	17	-	-
S	-	-	1	-	-	-	-	-	-	7	-	-	20	35	6	4	-	-
T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U	-	-	-	5	19	-	1	-	2	246	-	-	20	104	-	12	-	-
V	-	-	-	5	19	-	1	-	2	246	-	-	18	102	-	8	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-
Y	-	-	-	-	-	-	-	-	-	72	9	-	-	32	15	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	5	-	-	-	7	2	-	-
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	-	79	330	52	104	28	75	110	33	443	-	156	23	-	-	43	3	117
D	952	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	26
E	356	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	26
F	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	-	3	-	-	1	2	1	4	-	54	4	4	11	-	-	-	-	8
I	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	2	-	-
J	-	1453	1009	887	1155	-	1354	3343	1702	2336	-	1018	1242	-	-	2300	218	-
K	-	1249	1009	674	900	-	1117	1929	1451	1641	-	338	811	-	-	2300	123	-
L	16	38	-	43	33	-	58	193	101	174	-	70	39	-	-	31	4	-
M	-	242	-	46	83	-	67	140	101	182	-	70	46	-	-	32	4	-
N	-	57	-	259	167	-	366	-	455	903	-	-	306	-	-	198	18 ₂	-
O	54	57	14	6	19	14	15	-	94	48	-	-	29	144	198	30	-	-
P	54	295	14	6	19	14	15	-	94	52	-	-	31	144	198	30	-	-
Q	249	-	112	42	102	70	90	-	424	243	-	-	165	578	1021	194	-	-
R	-	-	1	-	-	1	-	-	3	6	-	-	-	-	-	-	-	-
S	19	-	-	-	5	-	6	-	3	6	-	27	6	87	15	1	3	2
T	19	-	-	-	5	-	11	-	3	6	7	27	6	-	-	1	3	2
U	79	-	-	-	24	-	41	-	11	30	50	135	30	428	76	5	21	15

* 3 of these were also overcrowded.

Table V
SOUND AND UNSOUND FOOD.

MILK AND MILK SAMPLES.		
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
MEAT AND MEAT INSPECTION.		
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 Carcasses or Part Carcasses—		
(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
OTHER FOODS.		
No. of Voluntary Surrenders of other Unsound Foods .. .. .	.. .. .	.. Q
No. of Seizures .. .. .	.. .. .	.. R
PROSECUTIONS.		
No. of Prosecutions for Unsound Meat or other Foods .. .. .	.. .. .	.. S
BAKEHOUSES.		
Total number of Bakehouses .. .. .	.. .. .	.. T
No. of underground Bakehouses .. .. .	.. .. .	.. U
No. of Factory Bakehouses .. .. .	.. .. .	.. V
ADOPTIVE ACTS, BYELAWS, Etc.		
A.—WHETHER FOLLOWING ACTS (OR PARTS) BEEN ADOPTED:—(Append		
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" "Amendment" "Act, 1907" .. .. .	.. .. .	.. Y
4. Public Health Act, 1925 .. .. .	.. .. .	.. Z
5. "Public Health" "Amendment" "Act, 1907" .. .. .	.. .. .	.. A
B.—WHETHER BYE-LAWS RELATING TO FOLLOWING MATTERS BEEN MADE:—		
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
C.—WHETHER RECOMMENDATIONS ISSUED AMPLIFYING THE MILK AND DAIRIES ORDER, 1926		
.. .. .		
D.—WHETHER URBAN POWERS (FOR RURAL DISTRICTS) UNDER PUBLIC HEALTH ACT, 1875 (Statement to be appended)		
.. .. .		
E.—WHETHER A LOCAL WATER ACT OBTAINED		
.. .. .		
F.—WHETHER ANY FEVER MADE LOCALLY NOTIFIABLE		
.. .. .		
(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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Banger City.	Bethesda U.D.	Llandudno U.D.	Llanfairfechan U.D.	Penmaenmaur U.D.	Nant Conway R.D.	Ogwen R.D.	Aethwy R.D.	Hirathog R.D.	Carnarvon Boroughs.	Criccieth U.D.	Pwllheli Borough.	Portmadoc U.D.	Gwyrffai R.D.	Lleyn R.D.	Deudraeth R.D.	Bwtusycod U.D.	Llanrust U.D.
A	3497	446	-	929	1155	1080	274	1124	242	3126	544	1116	1038	1280	999	1109	245	715
B	-	385	-	-	-	-	1	-	12	-	-	-	2	36	-	-	-	-
C	-	84	-	-	-	600	82	25	264	-	-	-	37	1828	-	576	-	-
D	20	123	113	68	33	790	1016	2194	946	20	-	-	6	2001	1600	749	47	10
E	-	-	-	18	-	-	-	1	-	-	-	-	-	-	-	-	-	-
F	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
G	-	2	6	2	2	8	-	-	-	-	-	-	3	-	-	-	-	-
H	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
I	-	-	-	-	-	-	-	-	10	-	-	-	-	10	-	-	1	-
J	-	-	-	-	-	-	2	-	10	2	-	-	-	88	-	-	2	-
K	-	12	3	-	-	11	1	-	-	-	-	-	-	41	19	8	-	-
L	-	2	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-
M	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N	-	15	3	17	-	18	9	-	-	40	-	-	6	151	7	6	19	-
O	-	-	-	5	-	8	7	-	10	-	-	-	-	292	-	-	-	-
P	-	-	-	5	-	-	7	-	2	-	-	-	76	-	-	8	-	-
Q	-	-	-	-	-	-	-	-	-	30	41	-	22	-	-	20	-	-
R	-	-	-	-	-	4	-	-	-	20	-	-	15	67	-	-	-	-
S	-	12	23	1	-	6	2	-	43	3	-	-	-	110	6	-	-	-
T	74	21	64	27	14	2	5	-	2	78	7	23	4	166	16	11	22	-
U	5	6	2	-	7	10	8	20	7	7	3	4	5	29	31	3	2	-
V	-	2	-	-	?	-	-	5	1	-	-	-	-	7	-	-	-	-
W	-	-	-	-	-	-	-	2	1	-	-	-	-	4	2	-	-	-
X	-	-	-	-	-	-	2	-	-	-	-	-	-	2	-	-	-	-
Y	-	48	-	57	10	2	2	-	5	162	25	30	-	30	-	7	35	-
Z	-	-	-	-	-	-	32	-	44	3	-	-	-	64	58	4	-	-
A	172	8	60	4	9	60	31	40	17	120	29	19	12	270	75	17	3	-
B	182	54	53	4	2	60	58	-	18	100	26	6	20	269	103	23	2	-
C	159	4	-	2	-	48	23	-	8	50	-	-	-	26	-	3	1	-
D	-	1	3	-	-	-	-	-	-	2	-	-	-	4	-	-	-	-
E	4	6	18	2	1	-	1	-	-	40	-	-	-	24	-	2	4	-
F	194	41	268	2	1	4	74	-	2	52	-	-	-	527	23	8	10	-
G	1512	204	3006	168	173	219	947	-	720	1007	998	110	-	3280	420	47	416	36
H	101	20	167	15	5	12	32	-	2	220	49	15	-	895	26	14	95	4
I	-	1	-	-	19	12	1	-	1	35	-	-	-	66	-	-	-	-
J	101	21	167	183	24	24	33	-	-	255	49	15	-	961	26	14	-	-
K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	Yes	No	a	No	No	No	No	No	-	No	No	No	No	No	No	No	-	No
M	No	Yes	-	"	"	"	"	"	-	"	No	No	No	No	No	No	-	-
N	2	1	1	1	1	1	1	Yes	1	1	1	1	1	2	2	1	-	1
O	Yes	Yes	Yes	Yes	Yes	Yes	Yes	"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
P	No	"	No	"	"	"	"	No	"	No	Yes	Yes	Yes	"	Yes	Yes	"	"
Q	No	"	"	"	"	No	No	Yes	No	No	No	No	No	No	No	No	"	"
R	Yes	-	Yes	No	No	Yes	Yes	No	"	"	No	No	"	Yes	No	No	No	"
S	-	-	No	"	"	"	No	"	"	Yes	No	No	No	No	No	No	-	No
T	No	-	"	"	"	1	"	"	"	Yes	No	No	No	No	No	No	-	-
U	"	-	"	"	"	1	"	"	"	Yes	No	No	No	No	No	No	-	-
V	"	-	"	"	"	1	"	"	"	No	No	No	No	No	No	No	-	-

a Part-time, b Whole time.

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:

FACTORIES (including F. Laundries and F. Bakehouses)	Number on Register	A
	No. of Inspections	B
	No. of Written Notices	C
	No. of Prosecutions	D
WORKSHOPS (including W. Laundries and W. Bakehouses)	Number on Register	E
	No. of Inspections	F
	No. of Written Notices	G
	No. of Prosecutions	H
WORKPLACES (other than Outworkers' premises)	Number on Register	I
	No. of Inspections	J
	No. of Written Notices	K
	No. of Prosecutions	L
TOTAL OF FACTORIES, WORKSHOPS AND WORKPLACES	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>	<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
Cowsheds & Farm Dairies ..	8	8	17	2	2	2	0	0	0	36
Retailing Milk Carts ..	42	42	81	2	2	2	-	-	-	-
Milk Shops (Dairy Shops)	12	12	24	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	317	-	-	-	-	-	-	-
Private Slaughter House ..	3	3		-	-	-	-	-	-	-
Meat Shops	22	22	133	-	-	-	-	-	-	-
Retailing Meat Carts ..	2	3	101	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	15	-	-	-	-	-	-	-
Workshop Bakehouses ..	16	16	28	-	-	-	-	-	-	-
Bread Shops	37	37	97	-	-	-	-	-	-	-
Retailing Bread Vans ..	17	16	29	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	20	20	37	3	3	3	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	153	153	164	-	-	-	-	-	-	-
Workplaces	14	15	14	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Wholeselling & 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. 1937.	In Dec. 1938	In Dec. 1939
Registered only	4	4	3
Licensed	-	-	-
Total on Register	4	4	3

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The estimated Population furnished by the Registrar-General for June, 1939, is 13,070.

In the preceeding ten years the average Population was 11,697.

During the ten years ending 1907 the average Population was 12,224.

The Birth-rate is 12.1 per 1000 of the Population.

In the preceeding ten years the average Birth-rate was 13.08 per 1000 of the Population.

During the ten years ending 1907 the average Birth-rate was 26.2 per 1000 of the Population.

The Infantile-Mortality rate is 50 per 1000 births. In the preceeding ten years the average Infantile-Mortality rate was 55 per 1000 Births.

During the ten years ending 1907 the average Infantile-Mortality rate was 137 per 1000 Births.

The Zymotic Mortality rate is 0.07 per 1000 of the Population.

In the preceding ten years the average Zymotic Mortality rate was 0.15 per 1000 of the Population. During the ten years ending 1907 the average Zymotic Mortality rate was 1.6 per 1000 of the Population.

The General Death rate is 12.01 per 1000 of the Population.

In the preceding ten years the average Death-rate was 13.19 per 1000 of the Population.

During the ten years ending 1907 the average Death-rate was 18.6 per 1000 of the Population.

The Death-rate from Tuberculosis is 0.8 per 1000 of the Population.

In the preceding ten years the average Death-rate from Tuberculosis was 0.98 per 1000 of the Population.

During the ten years ending 1907 the average death-rate from Tuberculosis was 1.6 per 1000 of the Population.

The death-rate from Cancer is 1.6 per 1000 of the Population. In the preceding ten years the average death-rate from Cancer was 1.77 per 1000 of the Population. During the ten years ending 1907 the average death-rate from Cancer was 1.4 per 1000 of the Population.

SCHOOLS.

The Upper Bangor N.P. Infants School was closed during the year on account of Measles.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.

During the year 1939 127 patients were admitted. Of these 12 were treated for Diphtheria, 67 treated for Scarlet Fever, and 48 for other Infectious Diseases, namely : Infantile Paralysis, Cerebro Spinal Fever, Septic Throat, Erysipelas, Puerperal Pyrexia, Measles, Whooping Cough, Obs. Typhoid Fever, Scabies.

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

With Scarlet Fever 16 were under 5 years of age, 26 under 10 years, 16 between 10 and 15 years, 8 between 15 and 25 years and 1 between 40 and 50 years.

There were 2 deaths during the year. There were no "Return" cases.

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

SANITARY INSPECTOR'S REPORT.

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

TABLE 4.

Housing Inspections	226
Families transferred to Maes Geirchen	50
Van loads of furniture disinfested	39
Complaints received and investigated	194
Drains examined and tested	38
Inquiries re Infectious Disease	115
Number of rooms disinfested	117
Visits to Abattoir and Slaughterhouses	317
Number of animals examined—	
Beasts and Calves	947
Sheep	7131
Pigs	2104
	—
	10182
Visits to Market Hall and Food Shops	132
Milk and Meat Vans examined	94
Visits re Rat and Insect Pests	111
Special visits re Government Evacuation Scheme	38
Miscellaneous, including revisits	40
Inspections of Billets	255
Number of Blankets disinfested	549
Special visits re Overcrowding	98
Milk Samples :—	
Biological (Tuberculosis Scheme)	9
Bacteriological	29

TABLE 5.

NATURE OF DEFECTS DISCOVERED.

Choked or defective drains	42
Defective W.C. fittings	22
Defective Yard pavings	17
Defective grates and ovens	15
Defective windows and doors	17
Defective evesgutters and downspouts	28
Defective roofs	2
Percolation of sewage	14

MEAT AND FOOD INSPECTION.

During the year 317 visits were made to the Abattoir and Private Slaughterhouses. The number of animals examined were :—

Beasts and Calves	947
Sheep	7131
Pigs	2104
	—
	10182

The following were condemned as unfit for food :—

Cattle—	8 carcasses and all organs .. .. .	.. Generalised Tuberculosis
	4 Forequarters and all organs .. .. .	.. Localised Tuberculosis.
	4 Livers .. .. .	.. do.
	3 Pairs lungs .. .. .	.. do.
	1 Pair lungs .. .. .	.. Pleuresy.
	2 Livers .. .. .	.. Tumours and Abscesses.
	21 Livers .. .. .	.. Distomatosis.
	2 Udders .. .. .	.. Mastitis.

Sheep—	1 Ewe	..	..	..	Dropsical and Emaciated.
	5 Livers	..	..	..	Abscesses.
	3 Livers	..	..	..	Distomatosis.
	12 Plucks	..	..	..	Distomatosis.
Pigs—	1 Carcase and all organs	..	..	..	Generalised Tuberculosis.
	13 Heads	..	..	..	Localised Tuberculosis.
	6 Plucks ..	..	..	..	do.
	3 Livers	..	..	..	Cysts and Abscesses.
General—	6 lbs. Corned Beef	..	..	..	Decomposed.
	241 lbs. Boiled Ham	..	..	..	do.
	6 lbs. Jellied Veal	..	..	..	do.
	3 lbs. Chicken and Ham Roll	..	..	..	do.
	28 lbs. Liquid Eggs	..	..	..	do.
	14 lbs. Prawns	..	..	..	do.

HOUSING.

During the early part of the year the Maes y Geirchen Housing Scheme was completed, thus providing alternative accommodation for families from Clearance Areas, Individual Unfit Houses, and Overcrowded Houses. Our Five-Year Programme of Slum Clearance has therefore been successfully carried out and all displaced families rehoused.

In view of the European War, and the serious dislocations and the retarding of social progress which will inevitably ensue, the City Council may feel very proud that such a comprehensive Housing Scheme was embarked upon and completed before the crisis occurred. The City Council contemplated erecting more houses for Overcrowded families, and young married couples residing in rooms, but all efforts in this direction must now be deferred until after the present War.

The following figures serve to illustrate the remarkable progress made by the Council in connection with Housing :—

Total Number of Houses in the Borough	..	..	..	3520
Total Number of Houses owned by City Council	..	..	..	952
				—24%
Population of the Borough	..	..	..	12530
Number of persons residing in Council Houses	..	..	..	3635—27%

EVACUATION SCHEME.

In accordance with instructions received from the Ministry of Health a complete survey of the Borough of Bangor was carried out by members of the Women's Voluntary Services, with a view to ascertaining the surplus accommodation available for Evacuees from vulnerable areas in the event of an International Crisis. When the crisis occurred in September, 1939, over 2,500 evacuees arrived in the course of 2 days, and the task of billeting proved arduous, and provided many difficult problems. The citizens nobly responded, and extended willing hospitality to the young evacuees, school staffs, etc.

This comprehensive scheme gave rise to many problems and difficult situations, and the experience gained should teach us many lessons in Public Health. Whatever else emerges from the present war, we have learnt at least one big lesson, viz., the squalor and filth in which many citizens of our large cities are living in. The Evacuation Scheme, with all its complications and deficiencies should result in making all much more health-minded, and determined to improve the social environment of the people, knowing that good health is the nation's chief asset.

MILK SAMPLING.

(a) **BIOLOGICAL TESTING.**—Nine samples of milk were submitted for Biological Examination. No positive results were obtained.

(b) **BACTERIOLOGICAL TESTING.**—Of the 20 samples submitted for Bacteriological Examination 14 were found satisfactory, 6 unsatisfactory. The Vendors of the unsatisfactory samples were warned.

SURVEYOR'S REPORT.

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

19 Houses were erected by private enterprise.

Housing.—To cope with the Council's re-housing programme under the Clearance Scheme 61 houses were completed at Maes Geirchen, making a total of 300 houses completed and occupied on this estate. Four shops, with house accommodation, have also been built on this estate.

Contracts for ten houses in the Central Area were let during the year.

Owing to the outbreak of War, schemes for houses on the Caernarvon Road and in the Hiracl Area have had to be left in abeyance.

Refuse Collection and Disposal.—The house refuse collection of the district was continued by contract at a cost of 1s. 10d. per head per annum. The refuse is removed from all houses once a week and from Colleges and Public Institutions twice a week. The refuse is disposed of by Controlled Tipping with satisfactory results.

Sewerage.—For the sewerage of Maes Geirchen it was necessary to lay a new sewer from our existing trunk sewer on Beach Road across the foreshore to the Housing Estate..

Water Supply.—No extension of mains was made during the year. It is interesting to note that in October the Council agreed, as a temporary measure, to supply the Menai Bridge Urban District Council area (Anglesey) with water from the Bangor Water Undertaking. A pipe line was laid across the Suspension Bridge by the Menai Bridge Urban District Council and the necessary connection fixed on the Bangor Main. The supply was turned on for the first time on the night of October 3rd, 1939. Periodical analysis of the water (bacteriological and chemical) were carried out and the results shewed that after filtration and treatment the water supply to the consumer is highly satisfactory.

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	2	3	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	33	-	51	-	-	-	-	-	-	-
Retailing Milk Carts ..	13	15	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	1	1	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	3	3	59	-	-	-	-	-	-	-
Meat Shops	10	10	33	-	-	-	-	-	-	-
Retailing Meat Carts ..	2	2	2	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	6	-	-	-	-	-	-	-
Workshop Bakehouses ..	11	11	22	-	-	-	-	-	-	-
Bread Shops	8	8	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	3	3	8	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	24	24	28	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing</i>	<i>Wholeselling & 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, - ; Licensed, - ; Total on Register, - .

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	2	1	1
Licensed	3	2	2
Total on Register	5	3	3

Note.—The District is without a Public Abattoir.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The estimated Population furnished by the Registrar-General for June, 1939, is 4,512.

In the preceding ten years the average Population was 4,476. During the ten years ending 1907 the average Population was 4,981.

The Birth-rate is 15.4 per 1000 of the Population. In the preceding ten years the average Birth-rate was 15.88 per 1000 of the Population. During the ten years ending 1907 the average Birth-rate was 28.7 per 1000 of the Population.

The Infantile-Mortality rate is 86 per 1000 births. In the preceding ten years the average Infantile-Mortality rate was 88 per 1000 Births. During the ten years ending 1907 the average Infantile-Mortality Rate was 168 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 0.32 per 1000 of the Population. During the ten years ending 1907 the average Zymotic Mortality rate was 1.2 per 1000 of the Population.

The General Death-rate is 13.07 per 1000 of the Population. In the preceding ten years the average Death-rate was 16.59 per 1000 of the Population. During the ten years ending 1907 the average Death-rate was 22.7 per 1000 of the Population.

The Death-rate from Tuberculosis is 1.5 per 1000 of the Population. In the preceding ten years the average Death-rate from Tuberculosis was 1.19 per 1000 of the Population. During the ten years ending 1907 the average Death-rate from Tuberculosis was 2.3 per 1000 of the Population.

The Death-rate from Cancer is 1.7 per 1000 of the Population. In the preceding ten years the average Death-rate from Cancer was 1.97 per 1000 of the Population. During the ten years ending 1907 the average Death-rate from Cancer was 1.5 per 1000 of the Population.

SCHOOLS.—There were no schools closed during the year on account of infectious disease.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.

During the year 1939 5 patients were admitted. Of these 1 was treated for Diphtheria, 3 treated for Scarlet Fever, and 1 Measles. With Diphtheria 1 of the patients was under 10 years of age. With Scarlet Fever one of the patients was under 5 years of age, 1 between 10 and 15 years, and 1 between 15 and 25 years. There were no Deaths during the year. There were no "Return" cases.

REPORT OF SANITARY INSPECTOR AND SURVEYOR FOR THE YEAR 1939.

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

Water Supply.—The water supply has been plentiful throughout the year. It is proposed to lay gauging stations on five points on the main next year to register waste and leakages.

Housing.—During the year the Council resolved to declare four areas as Clearance Areas which included 18 houses, and were to deal with 5 Individual Unfit Houses. Sites were inspected for the erection of at least 40 houses, as the Council had also decided to build houses in order to abate overcrowding. The impending crisis frustrated the programme of the Council, who are anxious to improve the housing conditions of the District.

Evacuation.—Approximately 350 evacuees from Liverpool, including accompanied and unaccompanied children, came to the District on September 3rd. The mothers with their children had mostly left the District within a fortnight. At the end of the year about 150 schoolchildren remained in their billets. It is gratifying to report that their health has been very good, only one evacuee was admitted to the Isolation Hospital, where he stayed for seven days for observation only.

Sewerage.—The sewers are periodically scavenged and flushed, and are in a satisfactory condition.

Refuse Collection.—The collection of refuse is done by contract, in an approved covered lorry. The refuse is disposed of by controlled tipping, it is free from rats and is kept in a tidy state.

Slaughterhouses, Bakehouses, etc.—Healthy animals are slaughtered, and only one fore-quarter of beef carcase had to be destroyed as being unfit for human consumption. All slaughtering was done at Bangor after the meat supply was controlled. Bakehouses are periodically limewashed and are kept clean.

Milk and Dairies.—3 Tub. Test. producers from outside the District retail milk within the District. Samples of milk taken during the year showed that some producers have not yet realised the importance of cleanliness in the preliminary stages of milking. Extracts from the Milk and Dairies Order were issued to producers, and it is hoped the few bad samples will improve.

Disinfection.—4 cases of infectious diseases were removed to Bangor Isolation Hospital, one being an observation case only. 8 rooms were disinfected.

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	Furveyors from outside the District.
	1	2	3	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	44	44	47	10	10	9	-	-	-	10
Retailing Milk Carts ..	50	-	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	12	13	62	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	306	-	-	-	-	-	-	-
Private Slaughter House ..	1	1	52	-	-	-	-	-	-	-
Meat Shops	20	21	468	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	16	16	100	4	4	4	-	-	-	-
Workshop Bakehouses ..	12	13		-	-	-	-	-	-	-
Bread Shops	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	38	38	42	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries.. .. .)	92	93	52	-	-	-	-	-	-	-
Workplaces	13	13	14	-	-	-	-	-	-	-
Home-Workers' Premises ..	1	1	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing.</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	23	36	14
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, 0; Licensed, 2; Total on Register, 2.

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	-	-	-
Licensed	2	2	2
Total on Register	2	2	2

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The estimated Population furnished by the Registrar-General for June, 1939, is 15,630.

In the preceding ten years the average Population was 14,341. During the ten years ending 1907 the average Population was 10,785.

The Birth-rate is 10.4 per 1000 of the Population. In the preceding ten years the average Birth-rate was 10.88 per 1000 of the Population. During the ten years ending 1907 the average Birth-rate was 20.6 per 1000 of the Population.

The Infantile-Mortality rate is 68 p 1000 births. In the preceding ten years the average Infantile-Mortality rate was 59 per 1000 births. During the ten years ending 1907 the average Infantile-Mortality Rate was 146 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 0.13 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality rate was 0.87 per 1000 of the population.

The General Death-rate is 13.6 per 1000 of the population. In the preceding ten years the average Death-rate was 12.30 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 11.5 per 1000 of the population.

The Death-rate from Tuberculosis is 0.2 per 1000 of the population. In the preceding ten years the average death-rate from Tuberculosis was 0.59 per 1000 of the population. During the ten years ending 1907 the average death-rate from Tuberculosis was 1.3 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 2.02 per 1000 of the population. During the ten years ending 1907 the average death-rate from Cancer was 0.79 per 1000 of the population.

SCHOOLS.—There were no schools closed during the year on account of infectious diseases.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.

During the year 1939 102 patients were admitted. Of these 7 were treated for Diphtheria 46 for Scarlet Fever and 49 for other Infectious Diseases namely: Measles, Pneumonia, Mumps, Phthisis, Erysipelas, Cerebro Spinal Meningitis, Puerperal Pyrexia, Hysteria, Observation Enteric, Observation Diphtheria, and Observation Scarlet Fever.

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

With Scarlet Fever 6 were under 5 years of age, 27 under 10 years, 7 between 10 and 15 years, 3 between 15 and 25 years and 3 between 25 and 35 years.

There were 2 Deaths during the year. There were no "Return" cases.

Of the Diphtheria patients 2 were from outside the District.

Of the Scarlet Fever patients 15 were from outside the District.

REPORT OF THE SANITARY INSPECTOR.

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

NUISANCES ABATED AND DEFECTS REMEDIED.

DRAINAGE AND PAVEMENTS.

Drains opened and cleansed for obstruction	64
Drains provided with efficient traps	—
New drains and Intercepting Chambers provided	16
Drains relaid	31
Soil pipes and ventilating shafts improved	1
Rain-water pipes disconnected from the sewer	2
Courts and back-yards paved and repaired	7

DWELLINGS.

Floors of dwellings relaid or repaired	..	..	4
Damp walls—damp-proof courses inserted	..	..	6
Roofs repaired and made water-proof	..	..	6
Defective spouting repaired	..	..	2
Foul cellars cleansed and defects in drains remedied	..	..	3
Houses limewashed and cleansed	..	..	31
Houses disinfected after Infectious Disease	..	..	51
Cases of Overcrowding dealt with	..	..	—

WATER CLOSETS AND URINALS.

Additional Water Closets provided	..	..	13
Water Closets repaired and limewashed	..	..	3
Water Closets, pans and traps replaced with pedestals	..	..	1
Foul W.C. basins and traps cleansed	..	..	1
Defective W.C. cisterns repaired	..	..	4
New flushing cisterns provided	..	..	1

PRIVIES, ASHPITS AND DUSTBINS.

Offensive privies and earth-closets converted into W.C.'s	..	..	—
Offensive privies and pail closets abolished and new W.C.'s erected	..	..	23

VARIOUS.

Nuisances from animals kept, abated	..	..	3
Offensive accumulations removed	..	..	18
Miscellaneous	..	..	116

FOOD (A).

The Milk Supply during 1939 averaged 2,500 gallons per day; of this quantity, about 1000 gallons were produced within the Urban District of Llandudno, and delivered direct to the consumer. A large quantity of the milk is now bottled on Registered Premises before delivery to the consumer, this method of delivery is encouraged. Every encouragement is given to Cowkeepers to produce milk under the Milk Marketing Board Accredited Producers Scheme.

SAMPLES OF MILK FOR TUBERCLE BACILLI.—During the year 27 samples of Milk were taken on behalf of the County Council and sent to the Biological Department, Bangor University, for examination.

MILK : SPECIAL DESIGNATIONS.—There are five firms in the Town licensed under the Special Designations Order, 1936.

COWSHEDS—	Number of Cowsheds on Register, December, 1938	..	44
	Number of Cowsheds discontinued during the year	..	Nil.
	Number of Cowsheds on Register, December, 1939	..	44
	Number of Contraventions	..	10
	Number of Contraventions remedied	..	9

MEAT (B).

During the year 306 visits have been made to the Public Abattoir and one private Slaughterhouse. The number of animals slaughtered being, viz., Beasts, 674; Calves, 639; Pigs, 1199; Sheep and Lambs, 14,538. All carcasses and organs are inspected before they are removed from the Abattoir, the number of carcasses condemned being 6 with a few Pigs' Heads and Cirrhotic Livers. The general quality of the meat supply is exceedingly good, and the butchers only buy the best.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.—During the year 468 observations and visits have been made in connection with the markets, shops, stores, &c., in order to ascertain whether the above Regulations were being complied with. With the exception of a few minor infringements, the Regulations were being complied with.

FOOD AND DRUGS (ADULTERATION) ACT.

SAMPLES OF FOOD.—During the year 38 samples were purchased for Analysis :—

Description of Sample.	No. of Samples taken.	Result of Analysis.	
		Genuine.	Doubtful.
Milk ..	38	30	8

The Vendors of the doubtful samples were called before the Health Committee and dealt with.

OTHER FOODS.—The following unsound food has been surrendered by shopkeepers, &c. viz., 313 lbs of Ham ; 30 cwt. of Potatoes ; 12 lbs. of Ox Tongue ; 1 tin of Chicken Roll ; 3 stone of Hake ; 14 lbs. of Lobster ; 76 Ducks ; 2½ cwts. of Bacon ; 60 Rabbits ; 6 tins of Beans ; 2 Gallons of Apples ; 36 tins of Tangerines ; 7 large tins of Apples ; 19 tins of Apricots ; 55 tins of Pineapples.

RATS AND MICE DESTRUCTION.—During the year 101 visits and re-visits were made to Rat-infested premises ; drains have been inspected and tested, and any defects found remedied ; rat runs have been sealed up and, where necessary, poison laid. Advice has been given to all complainants desiring the same, and rat poison and leaflets supplied free of charge.

DISINFECTION.—96 Visits have been made to the Disinfecting Station, and 1169 articles of bedding, clothing, &c., have been disinfected by steam and hot air.

DISINFESTATION--ERADICATION OF BED BUGS.—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, &c., being treated with steam.

REPORT OF ENGINEER AND SURVEYOR.

(MR. W. T. WARD).

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 a weird but grand lake, filling up, apparently, an old crater, with rock rising sheer at the back of it to a height 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 1481 acres, and on this watershed the Council have recently made a small but interesting experiment in 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 storage capacity of the above lakes, now 152 million gallons to 348 million gallons, have been completed. This, with a 50 per cent. 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 exceedingly soft and therefore well adapted for washing purposes. For the supply of the Town it is fully equal to the celebrated Loch Katrine water.”

The last section of the 15-inch Trunk Mains between Llandudno Junction 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 1928—29 a 1½-inch length of 9-inch trunk main was replaced with new 15-inch steel bitumen-lined main.

SEWERS.—Length in yards : Diam. 6-inch, 158 ; 9-inch, 743.

S.W. DRAINS.—Length in yards : Diam. 6-inch, 146 ; 9-inch, 30.

WATER MAINS.—Length in yards : Diameter 3-inch, 170 ; 4-inch, 72 ; 5-inch, 66 ; 6-inch, 84.

SCAVENGING.—The removal of house refuse and scavenging is undertaken by the Council by motor refuse vehicle with special closing lids for loading, and is under the direct supervision of the Surveyor. Galvanised iron bins with covers, of standard pattern, are provided by the Council and the refuse collected daily from the hotels ; twice a week from large houses, and weekly from the smaller houses. All refuse is burnt at the Destructor.

ARTISANS' DWELLINGS.—The houses are designed in five classes with accommodation as follows :—27 of class " A " Sitting room, Kitchen, Scullery, Bathroom and 2 W.C.'s, and 4 Bedrooms ; the rents are 7 at 21s., 10 at 19s., and 10 at 15s. 82 of Class " B " Living room, Scullery and 3 Bedrooms ; the rents are 58 at 17s., 4 at 16s., and 20 at 14s. 6d. 41 of Class " C " Living-room, Scullery, and 3 Bedrooms ; the rents are 8 at 13s., 8 at 12s., 19 at 11s. 3d., and 6 at 13s. 6d. 116 of Class " D " Living room, Scullery, 1 W.C. and 2 Bedrooms ; the rents are 65 at 13s., 8 at 10s. 6d., 10 at 12s., 6 at 10s. 6d., 8 at 14s., 16 at 13s., 2 at 4s. 3d., and 1 at 8s. 32 of Class " E " which consist of self-contained tenements, each having one living-room and one Bedroom, Scullery, and 1 W.C. ; the rents are 8 at 6s. 6d., and 24 at 6s. 6d. 20 Houses of the type of Class " B " were completed under the assisted scheme. The rents of these houses are 14s. 6d. each. The rents of the above Artisans' Dwellings (unassisted schemes) are sufficient to pay the interests, repairs, rates and taxes and other outgoings, and the whole charge for the Annual Loan Redemption.

RE-HOUSING SCHEME.—The 32 families displaced under Clearance Orders have been rehoused as follows :—8 flats, Non-Parlour, 1 Bedroom ; rents, 3 at 4s. 6d. and 5 at 6s. 6d. 8 flats, Non-Parlour, 2 Bedrooms ; Rents, 2 at 9s. 6d. and 6 at 6s. 12 houses, Non-Parlour, 3 Bedrooms , rents 10 at 7s. 6d., 1 at 12s., and 1 at 13s. 4 houses, Non-Parlour, 4 Bedrooms ; Rents, 1 at 14s.; and 3 at 9s. 6d.

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>	<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
Cowsheds & Farm Dairies ..	33	33	49	-	-	-	-	-	-	-
Retailing Milk Carts ..	8	8	10	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	1	1	2	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	5	5	12	-	-	-	-	-	-	-
Meat Shops	6	6	12	-	-	-	-	-	-	-
Retailing Meat Carts ..	1	1	2	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	9	-	-	-	-	-	-	-
Workshop Bakehouses ..	3	3	6	-	-	-	-	-	-	-
Bread Shops	9	9	9	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	10	-	-	-	-	-	-	-
Factories(including Factory Bakehouses & Laundries)	3	3	9	-	-	-	-	-	-	-
Workshops(including Workshop Bakehouses and Laundries)	8	8	12	-	-	-	-	-	-	-
Workplaces	26	26	10	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	2	33	-
B.—Occupying premises outside the District, and importing milk into the District	-	3	1

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	3	3	3
Licensed (The Public Abattoir)	2	2	2
Total on Register	5	5	5

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The estimated Population furnished by the Registrar-General for June, 1939, is 3062. In the preceding ten years the average Population was 3150. During the ten years ending 1907 the average Population was 3022.

The Birth-rate is 8.2 per 1000 of the Population. In the preceding ten years the average Birth-rate was 12.2 per 1000 of the Population. During the ten years ending 1907 the average Birth-rate was 25.7 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 59 per 1000 births. During the ten years ending 1907 the average Infantile-Mortality Rate was 142 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 0.18 per 1000 of the Population. During the ten years ending 1907 the average Zymotic Mortality Rate was 0.88 per 1000 of the Population.

The General Death Rate is 13.7 per 1000 of the population. In the preceding ten years the average Death Rate was 13.75 per 1000 of the Population. During the ten years ending 1907 the average Death Rate was 15.9 per 1000 of the Population.

The Death-rate from Tuberculosis is 0.0 per 1000 of the Population. In the preceding ten years the average Death-rate from Tuberculosis was 0.37 per 1000 of the Population. During the ten years ending 1907 the average Death-rate from Tuberculosis was 1.7 per 1000 of the Population.

The Death-rate from Cancer is 1.6 per 1000 of the Population. In the preceding ten years the average Death-rate from Cancer was 1.92 per 1000 of the Population. During the ten years ending 1907 the average Death-rate from Cancer was 1.1 per 1000 of the Population.

SCHOOLS.—There were no schools closed during the year on account of infectious diseases.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 1 patient was admitted and was treated for Scarlet Fever. The patient was under 5 years of age.

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR.

(MR. W. T. ELLIS, A.I.A.S., C.R.S.I.).

Water Supply.—This is obtained from Aber Lake. The water passes through a filter of Lime Stone, thence via a cast iron main to Llanfairfechan, a distance of about five miles. The pressure being controlled at various points. The town has an abundant supply, in fact more than the needs of the district.

Sewerage.—The Northern and Eastern Area are drained through the ejectors on Glanymor Road, thence passing into the outfall, which extends about a mile from the foreshore. The Southern and Western Areas are drained by gravitation.

Public Conveniences.—These are cleaned out and disinfected daily and kept in good state of repair.

Refuse Collection.—This work is done efficiently by direct labour. Weekly collection in winter and bi-weekly from the larger premises during summer, and disposed of at the Council's controlled tip which is isolated about one mile from the town.

Scavenging.—The Highways are cleaned daily.

River.—This is cleaned periodically and rat poison is layed along its banks bi-annually.

Schools.—No schools were closed due to infectious disease during the year.

Disinfection.—When cases occur, disinfectants are supplied free, and when the Medical Officer recommends the destruction of bedding, the Council replace such.

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 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>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	12	12	26	-	-	-	-	-	-	-
Retailing Milk Carts ..	12	14	20	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	3	3	5	-	-	-	-	-	-	-
Meat Shops	5	6	18	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	2	-	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	9	-	-	-	-	-	-	-
Workshop Bakehouses ..	1	2	3	-	-	-	-	-	-	-
Bread Shops	17	17	17	-	-	-	-	-	-	-
Retailing Bread Vans ..	7	6	8	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	6	6	5	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	13	13	9	-	-	-	-	-	-	-
Workplaces	20	20	8	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	4	12	-
B.—Occupying premises outside the District, and importing milk into the District	-	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939.
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 1939.

The estimated Population furnished by the Registrar-General for June, 1939, is 4083. In the preceding ten years the average Population was 3913. During the ten years ending 1907 the average population was 4112.

The Birth-Rate is 13.4 per 1000 of the population. In the preceding ten years the average Birth-rate was 12.03 per 1000 of the population. During the ten years ending 1907 the average Birth-rate was 26.7 per 1000 of the population.

The Infantile-Mortality Rate is 19 per 1000 births. In the preceding ten years the average Infantile-Mortality Rate was 53 per 1000 births. During the 10 years ending 1907 the average Infantile-Mortality Rate was 144 per 1000 births.

The Zymotic Mortality Rate is 0.2 per 1000 of the population. In the preceding ten year, the average Zymotic Mortality Rate was 0.29 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality was 0.51 per 1000 of the population.

The General Death-rate is 13.9 per 1000 of the population. In the preceding ten years the average Death-rate was 12.4 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 15.4 per 1000 of the population.

The death-rate from Tuberculosis is 0.4 per 1000 of the population. In the preceding ten years the average death-rate from Tuberculosis was 0.64 per 1000 of the population. During the ten years ending 1907 the average death-rate from Tuberculosis was 1.8 per 1000 of the population.

The death-rate from Cancer is 1.7 per 1000 of the population. In the preceding ten years the average death-rate from Cancer was 2.19 per 1000 of the population. During the ten years ending 1907 the average death-rate from Cancer was 0.8 per 1000 of the population.

SCHOOLS.—There were no schools closed during the year on account of infectious diseases.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 8 patients were admitted. Of these 7 were treated for Diphtheria and 1 observation. With Diphtheria 5 of the patients were under 10 years of age, 1 between 10 and 15 years, and 1 between 15 and 25 years. The 7 Diphtheria patients were from outside the District. There were no deaths during the year. There were no "Return" cases.

REPORT OF SANITARY INSPECTOR AND SURVEYOR.

(J. PARRY-HUGHES).

Water Supply.—The supply has in general been satisfactory, but unfortunately owing to the outbreak of War, the preparation of a scheme for augmenting the storage and also for bringing the supply into consonance with modern practice has had to be deferred.

Sewerage.—The usual maintenance and cleansing of the sewers were carried out during the year.

House Scavenging.—The collection of house refuse under direct labour conditions is maintained and the refuse collected has been disposed of by tipping under the "control" system, with the object of constructing a sports area.

Housing.—No new houses have been erected by the Council during the year, but a private company have commenced the erection of blocks of buildings equivalent to 50 (fifty) working-class houses.

Evacuation .—A total of over 700 evacuees were received into the District and although they were in a fair condition, a certain amount of sickness was to be expected, but all the worst cases occurred in the early months and matters soon settled down.

Public Conveniences.—The Public Conveniences in the District are attended to daily. The Men's Conveniences on the Promenade have been altered and enlarged by the installation of a four stall urinal and three W.C.'s and the whole of the inside walling is composed of white glazed bricks and tiles.

Military Billeting.—During the latter part of the year certain Military Units were billeted in empty houses and close co-operation was made with the Staff on questions of sanitation.

General.—Owing to the general situation causing heavy additional work, the same amount of time has not been available for general sanitary work.

General Sanitary Work.—The general sanitary work of the District is carried out by the District Sanitary Officer, who is assisted by a staff of sanitary inspectors and a number of sanitary fitters. The work is carried out in accordance with the provisions of the Public Health Act, 1902, and the Sanitary By-laws, 1903. The District Sanitary Officer is also responsible for the supervision of the work of the District Council's sanitary fitters and for the issue of licences to the owners of premises in respect of the drainage and ventilation thereof. The District Sanitary Officer is also responsible for the supervision of the work of the District Council's sanitary inspectors and for the issue of notices to the owners of premises in respect of the drainage and ventilation thereof. The District Sanitary Officer is also responsible for the supervision of the work of the District Council's sanitary fitters and for the issue of licences to the owners of premises in respect of the drainage and ventilation thereof. The District Sanitary Officer is also responsible for the supervision of the work of the District Council's sanitary inspectors and for the issue of notices to the owners of premises in respect of the drainage and ventilation thereof.

REPORT OF SANITARY INSPECTOR AND SURVEYOR

Sanitary Inspector and Surveyor.—The Sanitary Inspector and Surveyor is responsible for the supervision of the work of the District Council's sanitary fitters and for the issue of licences to the owners of premises in respect of the drainage and ventilation thereof. The Sanitary Inspector and Surveyor is also responsible for the supervision of the work of the District Council's sanitary inspectors and for the issue of notices to the owners of premises in respect of the drainage and ventilation thereof. The Sanitary Inspector and Surveyor is also responsible for the supervision of the work of the District Council's sanitary fitters and for the issue of licences to the owners of premises in respect of the drainage and ventilation thereof. The Sanitary Inspector and Surveyor is also responsible for the supervision of the work of the District Council's sanitary inspectors and for the issue of notices to the owners of premises in respect of the drainage and ventilation thereof.

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>	<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
Cowsheds & Farm Dairies ..	217	216	65	1	1	1	-	-	-	-
Retailing Milk Carts ..	20	20	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	8	9	62	-	-	-	-	-	-	-
Meat Shops	4	5	10	-	-	-	-	-	-	-
Retailing Meat Carts ..	8	9	-	-	-	-	-	-	-	-
Factory Bakehouses ..	1	1	2	-	-	-	-	-	-	-
Workshop Bakehouses ..	12	12	30	-	-	-	-	-	-	-
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	6	-	-	-	-	-	-	-
Workplaces	6	6	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	-	52	8
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, 0; Licensed, 0; Total on Register, 0.

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	7	5	4
Licensed	5	4	4
Total on Register	12	9	8

Note.—The District is without a Public Abattoir.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The Estimated Population furnished by the Registrar-General for June, 1939, is 6390. In the preceding ten years the average Population was 5315. During the ten years ending 1907 the average Population was 7,400.

The Birth-rate is 12.7 per 1000 of the Population. In the preceding ten years the average Birth-rate was 14.57 per 1000 of the Population. During the ten years ending 1907 the average Birth-rate was 23.1 per 1000 of the Population.

The Infantile-Mortality rate is 38 per 1000 births. In the preceding ten years the average Infantile-Mortality rate was 56 per 1000 births. During the ten years ending 1907 the average Infantile-Mortality rate was 129 per 1000 births.

The Zymotic Mortality rate is 0.7 per 1000 of the population. In the preceding ten years the average Zymotic Mortality rate was 0.19 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality rate was 1.18 per 1000 of the population.

The General Death-rate is 16.4 per 1000 of the population. In the preceding ten years the average Death-rate was 14.7 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 17.5 per 1000 of the population.

The Death-rate from Tuberculosis is 0.9 per 1000 of the population. In the preceding ten years the average Death-rate from Tuberculosis was 1.39 per 1000 of the population. During the ten years ending 1907 the average Death-rate from Tuberculosis was 1.8 per 1000 of the population.

The Death-rate from Cancer is 1.7 per 1000 of the population. In the preceding ten years the average Death-rate from Cancer was 1.74 per 1000 of the population. During the ten years ending 1907 the average Death-rate from Cancer was 1.06 per 1000 of the population.

SCHOOLS.—There were no schools closed during the year on account of infectious diseases.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 81 patients were admitted. Of these 53 were treated for Diphtheria and 18 treated for Scarlet Fever. With Diphtheria 8 of the patients were under 5 years of age, 18 under 10 years of age, 8 between 10 and 15 years, 5 between 15 and 25 years, 3 between 25 and 35 years and 1 between 40 and 50 years. With Scarlet Fever 6 were under 5 years of age, 9 under 10 years, 5 between 10 and 15 years and 2 between 25 and 35 years. There were 5 deaths from Diphtheria during the year. There were no "Return" cases. Of the Diphtheria patients 30 were from outside the District. Of the Scarlet Fever patients 2 were from outside the District.

SURVEYOR AND SANITARY INSPECTOR'S REPORT.

(EVAN WILLIAMS, A.R.S.I., M.S.I.A.)

Water Supply.—DOLGARROG : This village is supplied with water by the Conway and Colwyn Bay Joint Water Supply Board, the source of supply being Cowlyd Lake. DOLWYDDELEN : The supply is obtained from an upland stream impounded in a reservoir. PENMACHNO : The supply is by springs gathered into reservoirs. The village was well supplied throughout the year. ROEWEN : The supply is derived from a spring and is distributed by standpipes. TREFRIW : The supply of water is obtained from Crafnant Lake. The houses on the higher levels suffered from shortage owing to lack of pressure. A scheme has been submitted to the Minister of Health for relaying a portion of the 6-inch joint trunk main into the lake.

Sewerage.—The systems at Dolgarrog, Dolwyddelen, and Penmachno are working satisfactorily. Owing to the flooding of part of the village of Trefriw trouble was experienced in the lower part of the village.

Scavenging.—House refuse is removed fortnightly direct by the Council by means of a refuse lorry. Night soil and house refuse in the village of Cwm Penmachno is carried out by contract. The refuse tips are periodically inspected and cleared of rodents from time to time during the year.

River Pollution.—I have to report that much improvement is to be noted in the conditions of the streams in the district.

Milk and Dairies Order, 1926.—Improvements are to be noted in cowsheds during my periodical inspections.

Meat Inspection.—Every endeavour is made to have the slaughterhouses and meat inspected in the district. During the year I had no cause to seize any.

Disinfection.—48 cases were removed to the Groesynd Fever Hospital during the year. Bedding and clothing from infectious cases together with tuberculosis cases of death are removed for treatment at the Fever Hospital. Rooms are sprayed and fumigated in all cases.

Government Evacuation Scheme.—During the latter part of the year most of my time was devoted to the work of Chief Billeting Officer under the above scheme. The following number of persons were received in the district.

<i>From</i>	<i>School Children.</i>	<i>Teachers & Helpers.</i>	<i>Mothers.</i>	<i>Children.</i>	<i>Cripples.</i>
Liverpool ..	53	5	125	235	2
Private ..	19	—	3	6	—
Transferred ..	5	—	1	1	—
	77	5	129	242	2

The scheme worked smoothly, but the short stay of mothers in this area did not justify the trouble taken by householders for their reception.

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>	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
Cowsheds & Farm Dairies ..	92	92	135	-	-	-	-	-	-	-
Retailing Milk Carts ..	23	23	54	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	6	7	173	-	-	-	-	-	-	-
Meat Shops	3	3	47	-	-	-	-	-	-	-
Retailing Meat Carts ..	3	5	23	-	-	-	-	-	-	-
Factory Bakehouses ..	1	1	4	-	-	-	-	-	-	-
Workshop Bakehouses ..	2	2	8	-	-	-	-	-	-	-
Bread Shops	7	7	7	-	-	-	-	-	-	-
Retailing Bread Vans ..	3	10	8	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	3	3	7	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	18	21	12	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing.</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	-	61	31
B.—Occupying premises outside the District, and importing milk into the District	-	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	1	1	1
Licensed	6	6	5
Total on Register	7	7	6

Note.—The District is without a Public Abattoir.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The Estimated Population furnished by the Registrar-General for June, 1939, is 5150. In the preceding ten years the average population was 5404. During the ten years ending 1907 the average population was 6229.

The Birth-rate is 15.3 per 1000 of the population. In the preceding ten years the average Birth-rate was 12.89 per 1000 of the population. During the ten years ending 1907 the average Birth-rate was 23.8 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 56 per 1000 births. During the 10 years ending 1907 the average Infantile-Mortality rate was 145 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 0.23 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality was 0.8 per 1000 of the population.

The General Death-rate is 12.6 per 1000 of the population. In the preceding ten years the average Death-rate was 16.10 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 18.6 per 1000 of the population.

The death-rate from Tuberculosis is 0.3 per 1000 of the population. In the preceding ten years the average death-rate from Tuberculosis was 1.14 per 1000 of the population. During the ten years ending 1907 the average death-rate from Tuberculosis was 2.3 per 1000 of the population.

The death-rate from Cancer is 0.5 per 1000 of the population. In the preceding ten years the average death-rate from Cancer was 1.98 per 1000 of the population. During the ten years ending 1907 the average death-rate from Cancer was 1.1 per 1000 of the population.

SCHOOLS.—There were no schools closed during the year on account of infectious diseases.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 15 patients were admitted. Of these 2 were treated for Diphtheria, 11 treated for Scarlet Fever and 1 for Observation Diphtheria and 1 for Typhoid Fever. With Diphtheria 1 of the patients was under 10 years of age and 1 between 15 and 25 years. With Scarlet Fever 3 were under 5 years of age, 5 under 10 years, 2 between 10 and 15 years and 1 between 15 and 25 years. There were no deaths during the year. There were no "Return" cases.

REPORT OF THE SANITARY INSPECTOR AND SURVEYOR.

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

Water Supply.—With the completion last year of the Marchlyn and Llanllechid Water Schemes a considerable number of small and unsatisfactory supplies have been discarded in villages and hamlets in the Parishes of Llandegai, Pentir, and Llanllechid. At Aber and Aber Pwll the supplies are not under the control of the Council. These, at present, are insufficient to allow of individual connections to the properties in the areas concerned, and improvements are necessary in the methods of collection, storage and distribution.

Sewerage.—The recent improvements in the water supplies make more evident the necessity for sewers and disposal systems throughout the district. The Council has had this matter under consideration.

Public Scavenging.—Household refuse is collected every fortnight. Four sites are in use for "controlled tipping" and the work is satisfactorily carried out by contract.

Slaughterhouses.—There are six slaughterhouses on the Register, and every effort is made to be present at the time of slaughtering. The quality of the meat is generally good, there is a total absence of the slaughter of old bovine animals in the district.

Milk Supply.—There are ninety-two registered farms within the district. Tuberculin Tested and Accredited Producers number ten and one respectively. Continued improvements are carried out in the housing of dairy cows and the production and storage of milk, but there still remains a good deal to be done in this direction. During the year 61 samples were collected and submitted for analysis.

Housing.—The present international situation has brought the building programme of the Council to a standstill. The final selection of sites at Glasinfryn and Waen Wen for the building of about forty-five houses was to take place the week hostilities commenced.

Disinfection and Disinfestation.—Sixteen cases of Scarlet Fever, six cases of Diphtheria, and one case of Typhoid were notified during the year. Disinfection is carried out by means of formalin spray and fumigators. No arrangements have been made for steam disinfection of bedding and clothing. If on the recommendation of the Medical Officer or Medical Attendant it is considered advisable to destroy the bedding and clothing in cases of Tuberculosis the Council compensates. I have no evidence of any property within the district being infested with the bed-bug.

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	2	3	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	85	82	100	-	-	-	-	-	-	1
Retailing Milk Carts ..	18	18	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	8	8	120	-	-	-	-	-	-	-
Meat Shops	11	11	30	-	-	-	-	-	-	-
Retailing Meat Carts ..	9	9	-	-	-	-	-	-	-	-
Factory Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	15	15	12	-	-	-	-	-	-	-
Bread Shops	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	20	20	10	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	18	18	57
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. 1937	In Dec. 1938	In Dec. 1939
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 1939.

The Estimated Population furnished by the Registrar-General for June, 1939, is 10,290. In the preceding ten years the average Population was 9194. During the ten years ending 1907 the average Population was 8647.

The Birth-rate is 15.4 per 1000 of the population. In the preceding ten years the average Birth-rate was 15.09 per 1000 of the population. During the ten years ending 1907 the average Birth-rate was 24.0 per 1000 of the population.

The Infantile-Mortality rate is 70 per 1000 births. In the preceding ten years the average Infantile-Mortality rate was 78 per 1000 births. During the ten years ending 1907 the average Infantile-Mortality rate was 116 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 0.18 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality rate was 0.37 per 1000 of the population.

The General Death-rate is 17.6 per 1000 of the population. In the preceding ten years the average Death-rate was 15.84 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 16.1 per 1000 of the population.

The Death-rate from Tuberculosis is 0.6 per 1000 of the population. In the preceding ten years the average death rate from Tuberculosis was 1.1 per 1000 of the population. During the ten years ending 1907 the average death rate from Tuberculosis was 1.6 per 1000 of the population.

The Death-rate from Cancer is 1.9 per 1000 of the population. In the preceding ten years the average death-rate from Cancer was 2.15 per 1000 of the population. During the ten years ending 1907 the average death-rate from Cancer was 0.91 per 1000 of the population.

SCHOOLS.—The following schools were closed during 1939: Llangaffo C.E. (Scarlet Fever), Penmynydd C.S. (Measles), Llandegfan C.S., Llangristiolus C.S., Llangaffo C.E., Brynsiencyn C.S., Bodorgan C.S., Pentraeth C.S. (Influenzal Colds).

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 39 patients were admitted. Of these 27 were treated for Diphtheria and 12 treated for Scarlet Fever. With Diphtheria 2 of the patients were under 5 years of age, 7 under 10 years of age, 10 between 10 and 15 years, 5 between 15 and 25 years, 2 between 25 and 35 years, and 1 between 40 and 50 years. With Scarlet Fever 1 of the patients was under 5 years of age, 1 under 10 years, 5 between 10 and 15 years, 2 between 15 and 25 years, 2 between 25 and 35 years, and 1 between 40 and 50 years. There was 1 death 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 satisfactorily. A scheme for a piped water supply for the Parish of Llandegfan has been under consideration by the Council for some time and exploratory work in connection with the scheme is to commence forthwith.

Sewerage.—325 yards of new sewerage was laid in Maenafon Road, Llanfair P.G. during the year.

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.

River Pollution.—There is no evidence of river pollution.

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>	<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
Cowsheds & Farm Dairies ..	130	125	60	-	-	-	-	-	-	-
Retailing Milk Carts ..	6	6	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	2	2	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	7	7	14	-	-	-	-	-	-	-
Meat Shops	6	5	6	-	-	-	-	-	-	-
Retailing Meat Carts ..	3	3	-	-	-	-	-	-	-	-
Factory Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	9	9	8	-	-	-	-	-	-	-
Bread Shops	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries	40	40	30	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-
<i>Milk Dealers on the Register.</i>							<i>Retailing only.</i>	<i>Retailing & Producing.</i>	<i>Wholeselling & Producing</i>	
A.—Occupying premises within the District, and selling milk within, or outside, or both ..							-	19	125	
B.—Occupying premises outside the District, and importing milk into the District							-	-	-	

SLAUGHERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	7	7	7
Licensed	-	-	-
Total no Register	7	7	7

Note.—The District is without a Public Abattoir.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The Estimated Population furnished by the Registrar-General for June, 1939, is 5522. In the preceding ten years the average population was 4634. During the ten years ending 1907 the average population was 4371.

The Birth-rate is 16.9 per 1000 of the population. In the preceding ten years the average Birth-rate was 15.24 per 1000 of the population. During the ten years ending 1907 the average Birth-rate was 23.6 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 66 per 1000 births. During the ten years ending 1907 the average Infantile-Mortality rate was 127 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 0.19 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality rate was 0.67 per 1000 of the population.

The General Death-rate is 15.3 per 1000 of the population. In the preceding ten years the average Death-rate was 14.2 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 16.8 per 1000 of the population.

The death-rate from Tuberculosis is 0.0 per 1000 of the population. In the preceding ten years the average death-rate from Tuberculosis was 0.71 per 1000 of the population. During the ten years ending 1907 the average death-rate from Tuberculosis was 1.8 per 1000 of the population.

The death-rate from Cancer is 2.3 per 1000 of the population. In the preceding ten years the average death-rate from Cancer was 2.07 per 1000 of the population. During the ten years ending 1907 the average death-rate from Cancer was 1.5 per 1000 of the population.

SCHOOLS—The only school closed during the year on account of infectious diseases was Llanfihangel G. M. Council, for Influenza Colds.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 6 patients were admitted. Of these 2 were treated for Observation Diphtheria, 3 treated for Scarlet Fever and 1 for Arthritis. With Scarlet Fever 1 of the patients was under 10 years and 2 were between 10 and 15 years. There were no deaths during the year. There were no "Return" cases.

SANITARY CIRCUMSTANCES OF THE DISTRICT.

(G. R. HUGHES).

CERRIGYDRUDION.—This place has a piped supply of water from an open reservoir with a capacity of 56,000 gallons. *Sewerage*.—This place is well sewered and the sewerage taken to an outfall works, the sewerage being treated in settling tanks and passed through filters, the effluent being discharged into a neighbouring stream. The sludge is dried and disposed of to farmers. *Scavenging*.—House refuse is collected once a fortnight and disposed of by tipping into a disused quarry at Gaerfechan. *School*.—The school has a piped water supply, and closet accommodation is on the water-carriage system.

CEFN BRITH.—The water supply here is piped and is obtained from the Cerrigydrudion pipe line. *Sewerage*.—This village is part sewered, sewage being given treatment by tank and filter. *Scavenging*.—Refuse is collected once a fortnight and disposed of by tipping at Gaerfechan.

GLASFRYN.—The water supply here is also piped and obtained from the Cerrigydrudion main. *Sewerage*.—This village is sewered, sewage being given treatment by tank and filter. *Scavenging*.—House refuse is cleared once a fortnight. *School*.—Has piped supply of water and closet accommodation is on the water carriage system.

PENTRELLYNCYMER.—*School.*—Has piped water system and closet accommodation on the water carriage system.

CWMPENANER.—*School.*—Has piped water supply. Closet accommodation on the conservancy system.

LLANFIHANGEL G.M.—This village has a piped supply of water obtained from the Alwen main of the Birkenhead T.C. *Sewerage.*—This village is part sewered and the sewage given tank and filter treatment. *Scavenging.*—Refuse collection is undertaken in this village once a month. *School.*—The school has piped supplies of water and the closet accommodation is on the conservancy system.

LLANGWM.—Water supplies from stand pipes in village. *School.*—Has no water supply piped into the school but are able to avail themselves of a supply some thirty yards distant, from a standpipe on the supply referred to. The closet accommodation here is still on the conservancy system.

DINMAEL.—Has private supplies of water which are not satisfactory from a bacteriological point of view. *Sewerage.*—This village is sewered and the sewage given treatment by tank and filters. *Scavenging.*—Scavenging is undertaken in this village once a fortnight. *School.*—Has piped supply of water easily affected by drought. Closet accommodation is on the water carriage system which discharges into the Council's sewer.

MAERDY.—The water supply for this hamlet is from a covered well on the roadside and is provided with a semi-rotary pump. The hamlet is unsewered and the house refuse collection is undertaken once fortnightly.

PENTREFOELAS.—The village has a piped supply of water owned by the Voelas Estate. In consequence of action taken by the Council half of this village has been properly drained by the Estate Company, who have also carried out conversions of privies into water closets along the line of the drain. *Scavenging.*—House refuse is collected in this village and the hamlet of Rhydlydan once a fortnight and is disposed of by tipping on rough ground about a mile outside the village. *School.*—This school has piped water supplies and the closet accommodation is on the water carriage system.

YSPYTTY IFAN.—The Council has provided a piped supply of water for this village, the supply being obtained from springs and collected in a storage reservoir of 4,000 gallons capacity. Supplies are conveyed to the village in 3-inch diameter pipes. Supplies are from four stand pipes and in four cases taken into the house. The village is partly sewered but has no outfall works. The school for this village is on the Caernarvonshire side of the river.

NEBO.—This village has a piped supply of water collected from springs, the supply being taken to a standpipe on the roadside. House refuse collection is undertaken once a month. The village is unsewered. The school has no piped supply of water and the closet accommodation is on the conservancy system.

CAPEL GARMON.—This village has no piped supply of water. Supplies for part of the village are collected into a slate cistern provided with a tap. *Sewerage.*—This village has been (in consequence of a serious nuisance being complained of) sewered and a small outfall works provided consisting of settling tanks, syphon, and percolating filters. *Scavenging.*—The collection of house refuse and nightsoil is carried out once a fortnight and is disposed of by tipping on the rough land outside the village. *School.*—The school has no piped supplies of water and the closet accommodation is on the conservancy system.

MELIN-Y-COED.—This hamlet has no piped supply of water and supplies are obtained from a covered spring. The hamlet is unsewered. *Scavenging.*—House refuse collection and nightsoil collection is undertaken once a fortnight and disposed of by tipping on rough ground outside the hamlet. The children of this hamlet attend Nant-y-Rhiw School, which has piped supplies of water and closet accommodation is on the conservancy system.

LLANDDOGET.—This village has no piped supplies of water and supplies are obtained from two springs. Both springs have been protected—provided with doors with locks fixed on them, and pumps. Refuse is collected once a month. *Llanddoget School.*—This school has no piped supply of water and the closet accommodation is on the conservancy system.

PANDY TUDUR.—The village has no proper piped supply of water, supplies being obtained from springs. A source of supply near Bodwrach Farm on high land above the village is being gauged with a view to providing a satisfactory supply to the village. The village is unsewered. House refuse collection once a month is undertaken. *School.*—The school, some little distance outside the village, has a piped supply of water, and the closet accommodation is on the conservancy system.

GWYTHERIN.—The Council have, during the year, completed a works of water supply for this village, the water being collected from upland springs into a covered mass concrete reservoir of some 26,000 gallons capacity, the supplies being conveyed to the village by 3-inch diameter pipes. *School.*—This place is still without a piped supply and other conditions are unaltered as from the time of the last Report.

LLANGERNIEW.—Llangerniew has a piped supply of water owned by the Hafodunos Estate. This supply is not satisfactory. The Council have commenced on the work of providing a new water works for this village during the year and it is anticipated that this will be completed early in the ensuing year. *Sewerage.*—This village is partly drained by a private sewer. *Scavenging.*—House refuse collection is undertaken once a month. *School.*—Has piped water-supplies; closet accommodation is now on the water carriage system which is sufficient for the number of children.

EGLWYSBACH.—The water supplies in this village are comprised of one pump situated in the main street of the village, a stand-pipe to which water is piped from the hillside opposite. Other sources of supplies are from dip-holes on the roadside and a well under a publichouse. The Council have submitted plans to the Ministry for the provision of a piped water supply estimated to cost £7,200. To ease the situation during the year a temporary supply was piped down from the woods above Pentrefelin hamlet, this supply being obtained from a spring. This will be dispensed with when the above-mentioned scheme is completed. *Sewerage.*—The village is not sewered. *Scavenging.*—House refuse collection is undertaken once a month. *School.*—Has no piped supply of water. Closet accommodation is on the conservancy system.

MURIAU DISTRICT.—House refuse is collected once a month in this district which is comprised of the residential houses on the Llanrwst—Bettwsycoed Road. There are two small schools in the district, namely Gosen and Carmel,—are undrained and without piped supplies of water. *Drainage and Sewerage.*—Most of the isolated houses and farms outside the village have drainage systems discharging into cesspools or septic tank installations. A good number, however, have no drainage arrangements, and these are being dealt with when met. Seven new drainage systems were put in during the year as a consequence of informal action with the respective owners.

MILK.—Cowsheds and dairies are periodically visited. During the year eleven samples of milk were taken for analysis.

MEAT.—Slaughterhouses and Meat Shops in the District are periodically visited.

BREAD.—Bakehouses are periodically visited.

WATER.—During the year seven samples of water were taken for analysis from existing and proposed new sources of supply. Protection work of the smaller public supplies have been carried out during the year.

ERADICTION OF BED BUGS.—No cases of infestation were brought to our notice and therefore no action was necessary.

WATER SUPPLIES.—During the year 1939 no difficulties were experienced with water supplies in the District. Instructions have been given for sampling the supplies in the ensuing year.

HOUSING.—Negotiations have been commenced for the acquisition of sites for the erection of a first programme of 52 houses under the Housing Act, 1938. This programme was to run concurrently with a scheme for reconditioning 20 houses under the Housing (Rural Workers) Act. Three houses have been completed under this Act in 1938, and a further six were completed during 1939. The outbreak of war has, however, interfered with the programme.

CAMPING SITES.—Apart from occasional trailer vans putting up overnight at one or two farms there are no camping sites within the district.

SWIMMING POOLS.—There are no swimming baths or pools situated in the District.

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 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	Purveyors from outside the District.
	1	2	3	4	5	6	7	8	9	10
	1939	1938	1939							
Cowsheds & Farm Dairies ..	28	28	79	-	-	-	-	-	-	12
Retailing Milk Carts ..	31	31	30	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	6	6	10	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	180	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops	20	20	50	-	-	-	-	-	-	-
Retailing Meat Carts ..	2	2	6	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	3	-	-	-	-	-	-	-
Workshop Bakehouses ..	9	9	20	-	-	-	-	-	-	-
Bread Shops	39	39	39	-	-	-	-	-	-	-
Retailing Bread Vans ..	7	7	7	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	14	14	18	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	105	105	102	-	-	-	-	-	-	-
Workplaces	1	1	2	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	3	3	6	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing.</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	-	26	2
B.—Occupying premises outside the District, and importing milk into the District	-	10	2

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	-	-	-
Licensed (The Public Abattoir only)	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 Council now own 505 Workingclass Houses. The erection of 62 Houses at Cefnhendre was completed in spite of war difficulties, and the houses been occupied. They were allocated in part for Slum Clearance, and in part to allay Overcrowding. About one-fifth of the entire population have now been rehoused.

Water Supplies.—Towards the end of the year a Government Inquiry was 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 is being carried out.

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 floodings and were the cause of a great deal of complaint.

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 salvaged for certain purposes and has to be accounted for.

Milk Supply.—In the past year the County Council gave licences to 3 Farms to sell T.T. Milk and 3 to sell Accredited Milk. One bovine animal was slaughtered by County Council order.

12	2	0	Workshop Repairs
16	8	8	Food Shops
10	5	5	Retailing Bread &c.
12	8	8	Factories (including Factory)
12	8	8	Barbers & Launderies
12	8	8	Workshops (including Work-
12	8	8	shop Repairs and
31	31	31	Launderies
12	12	12	Workshops
12	12	12	Home-Workshop, Repairs
12	12	12	Objective Trade
12	12	12	Common Lodging Houses

12	12	12	Milk Licences on the Register
12	12	12	A—Occupying premises within the District and sell
12	12	12	ing milk within or outside of both
12	12	12	B—Occupying premises outside the District, and
12	12	12	delivering milk into the District

SLAUGHTERED IN LAST AND PRESENT YEAR
 In 1939: Registered only: —; Licensed: —; Total on Register: —

In Dec 1937	In Dec 1938	In Dec 1939	Registered only
1	1	1	Licensed (The Public Analyst)
1	1	1	Total on Register

Note—The District possesses a Public Analyst.
 *Closed before the end of 1939 owing to War Regulations.

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 ^s	Purveyors from outside the District.
	1 1939	2 1938	3 1939	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	18	19	29	-	-	-	-	-	-	6
Retailing Milk Carts ..	7	7	21	-	-	-	-	-	-	4
Milk Shops (Dairy Shops)	3	3	9	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	52	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops	4	4	12	-	-	-	-	-	-	-
Retailing Meat Carts ..	3	3	12	-	-	-	-	-	-	3
Factory Bakehouses ..	5	5	20	1	1	1	-	-	-	-
Workshop Bakehouses ..	3	3	12	-	-	-	-	-	-	-
Bread Shops	8	8	16	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	5	10	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	8	8	12	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	31	31	31	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing.</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	3	9	-
B.—Occupying premises outside the District, and importing milk into the District	-	4	2

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	-	-	-
Licensed (The Public Abattoir)	1	1	*1
Total on Register	1	1	*1

Note.—The District possesses a Public Abattoir.

*Closed before the end of 1939, owing to War Regulations.

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>	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
	1939	1938	1939							
Cowsheds & Farm Dairies ..	13	12	11	-	-	-	-	-	-	11
Retailing Milk Carts ..	24	24	15	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	1	1	1	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	1	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops	13	13	13	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	2	2	1	-	-	-	-	-	-	-
Workshop Bakehouses ..	9	13	9	-	-	-	-	-	-	-
Bread Shops	13	13	15	-	-	-	-	-	-	-
Retailing Bread Vans ..	9	9	4	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	2	2	2	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	90	90	90	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	1	1	1	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Who'selling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	1	12	-
B.—Occupying premises outside the District, and importing milk into the District	1	10	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
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.—122 new Working Class Houses are owned by the Corporation. The beginning of 1939 saw the occupation of the last block of Corporation Houses at Morfa'rgarreg, and thereby the practical abolition of the overcrowding that was still prevalent. The outbreak of the war, and the state of suspense preceding the event, greatly affected building developments, and as a result very little building operations were undertaken.

Shipping.—The shipping was seriously hampered by the war conditions, and unfortunately, the harbour was not used to any great extent.

Milk Supply.—During 1939 the County Council granted 2 licences within the Borough, one to sell T.T. Milk and one to sell Accredited Milk. All the Cowsheds were inspected during the year and found in a satisfactory condition. The requirements of the Milk Marketing Board helped to raise the standard of cleanliness of utensils and of the interior of buildings.

Meat Supply.—The standard of meat exhibited for sale was kept at a very high rate. The butchers gave every assistance in detecting affected carcasses. After the outbreak of war the Pwllheli abattoir became the recognised centre for slaughtering, both for Pwllheli town and surrounding district of Lley.

Military Camp.—For different periods there have been military camps stationed on the outskirts of the town, but in the Lley District. At present soldiers (as well as evacuee children) are billeted in the town.

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

Milk Licences on the Register.

Category	1938	1939
A—Occupying premises within the District and selling milk within or outside of town	24	24
B—Occupying premises outside the District and importing milk into the District	2	2

REGISTRATION IN LAST AND PRESENT YEAR. In 1939: Registered only; Licensed; Total on Register.

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	26	26	26
Licensed	0	0	0
Total on Register	26	26	26

* 2 registered, but only 1 used at present (1939).
 † The Borough is without a Public Abattoir.

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>	<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
	1939	1938	1939							
Cowsheds & Farm Dairies ..	34	34	56	-	-	-	-	-	-	2
Retailing Milk Carts ..	9	9	6	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	2	2	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	3	3	-	-	-	-	-	-	-	-
Meat Shops	9	9	36	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	4	4	18	-	-	-	-	-	-	-
Workshop Bakehouses ..	6	6	15	-	-	-	-	-	-	-
Bread Shops	10	10	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	4	4	-	-	-	-	-	-	-	-
Factories(including Factory Bakehouses & Laundries)	24	24	48	-	-	-	-	-	-	-
Workshops(including Workshop Bakehouses and Laundries)	51	51	109	-	-	-	-	-	-	-
Workplaces	2	2	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	2	2	8	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

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

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	3	3	3
Licensed	-	-	-
Total on Register	3	3	3*

Note.—The Borough is without a Public Abattoir.

*3 on Register, but only 1 used at present (1940).

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.—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 128 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 has been 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.

Milk Supply.—3 licences were granted by the County Council to dairy farmers during 1939 ; 2 to sell T.T. Milk and 1 to sell Accredited Milk. Sampling of milk is carried out both by the County Council and by the Portmadoc Council (through their own Surveyor).

Water Supply.—37 houses are without internal water supply, viz., Lower Penmorfa, 21 ; Morfa Bychan, 10 ; Others, 6. A new 5-inch water main has been laid between Portmadoc and Tremadoc to take the place of the previously existing 4-inch main. There are two piped water supplies in the district. These are analysed periodically and the results found satisfactory.

Meat.—Meat is inspected at times of slaughtering by the Surveyor or his assistant. The Humane Killer is used for all animals.

Drainage and Sewerage.—At the present time the following sewers are being reconstructed : — Cae Ysgoldy, Church Street and Railway Place. No further improvements are in view owing to the difficulty of obtaining materials, especially cement. An outside engineer has been appointed by the Council to prepare a scheme for a new sewer to run alongside the Cut at the first opportunity, but it is feared not before the war is ended.

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

Lectures on Decontamination.—The use of Portmadoc Town Hall was kindly given for the purpose of hearing four lectures on the method of Decontamination of Food-stuffs, Clothing, Woodwork, &c., after contamination by poisonous gases. The lectures were given by Dr. Philips of Morfa Nevin, and the arrangements were made by Mr. Ellis, Clerk to the Deudraeth Council, in consultation with Dr. Lloyd Owen, the Medical Officer of Health. The Sueveyors and Sanitary Inspectors of Dolgelley, Barmouth, Blaenau Festiniog, Penrhyndeudraeth, Portmadoc, Criccieth, Pwllheli and Lleyrn attended.

Military Hospital.—Before having been opened as a School, the fine new Central School Buildings were handed over temporarily for use as a Military Hospital.

In Dec 1937		In Dec 1938		In Dec 1939	
Registered only	Licensed	Registered only	Licensed	Registered only	Licensed
30	30	30	30	30	30
Total on Register					

Note.—The District is without a Public Abattoir.

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	2	3	4	5	6	7	8	9	10
	1939	1938	1939							
Cowsheds & Farm Dairies ..	153	144	334	12	12	12	-	-	-	-
Retailing Milk Carts ..	77	80	119	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	1	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	35	35	318	4	4	3	-	-	-	-
Meat Shops	36	38	151	2	2	2	-	-	-	-
Retailing Meat Carts ..	24	24	85	-	-	-	-	-	-	4
Factory Bakehouses ..	3	3	6	-	-	-	-	-	-	-
Workshop Bakehouses ..	27	27	29	6	6	4	-	-	-	-
Bread Shops	128	130	90	-	-	-	-	-	-	-
Retailing Bread Vans ..	11	12	11	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	14	14	13	4	4	4	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	140	161	174	12	12	10	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	3	127	23
B.—Occupying premises outside the District, and importing milk into the District	-	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	-	-	-
Licensed	39	35	35
Total on Register	39	35	35

Note.—The District is without a Public Abattoir.

Housing.—504 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. 21 cases of overcrowded families were relieved during the year through getting a new Council house. The average rent of the older houses in the District is £6 to £10 per annum. 24 grants were made during 1939 under the Housing (Rural Workers) Acts. The outbreak of war has placed all officials responsible for housing repairs in a very difficult position. For example, timber and cement cannot be obtained unless it can be proved that the work is of national importance. It would be well if the Ministry of Health could authorise local authorities to issue licences for the release of repair materials. The war has occasioned the postponement of the Model Byelaws, Series 4 (Building) being adopted.

Milk Supply.—6 licences were granted by the County Council to Dairy Farmers during 1939 ; 3 to sell T.T. Milk and 3 to sell Accredited Milk. 19 bovine animals were slaughtered under the Tuberculosis Order 1938, viz., 14 cows in milk and 5 other cows or heifers. Bacteriological sampling is done twice annually, as far as possible, in May and December. A large number of farmers have applied to be registered to whole-sell milk for butter manufacture. The required sanitary improvements will be carried out in the summer months.

Water Supply.—Satisfactory water supply to houses has become much more general. A new water supply was laid on during 1939 at Nant Peris and the water supply was improved at Brynaerau, Pontllyfni, Aberdesach, Swan, Foryd, Capel Uchaf, &c. A new water supply is contemplated at Upper Cwmyglo and Ceunant.

Drainage and Sewerage.—Sewerage improvements were carried out at Llanwnda, Rhosgadfan, &c.,. Extension of sewer is urgently required at Deiniolen.

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

Public Scavenging.—In the northern area this is done once a week by a 3-ton Dennis Lorry. The Council does not remove trade refuse.

Meat Supply.—Private slaughtering has been stopped for the duration of the war, and the disposal of unsound meat has been transferred to Government Officials.

Schools.—The following Schools were closed for short periods on account of Influenza Colds : Talysarn Council Infants and Rhyd-ddu Council .

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

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

Disposal of the Dead.—There should be at least two Mortuaries in the District.

Official Evacuees.—The District is a Reception Area for Evacuees and at the outbreak of war some 3000 schoolchildren, together with pre-school-age children, and mothers, were evacuated from Merseyside. When we recollect that in most large towns 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 (such as bed-wetters) and some awkward and difficult mothers.

Year	1937	1938	1939	Total on Register
Registered only	20	28	31	79
Licensed	20	28	31	79
Total on Register	40	56	62	158

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 1939	2 1938	3 1939	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	251	120	316	111	111	34	-	-	-	-
Retailing Milk Carts ..	36	36	31	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	25	25	56	11	11	11	-	-	-	-
Meat Shops ..	22	22	58	-	-	-	-	-	-	-
Retailing Meat Carts ..	21	21	24	-	-	-	-	-	-	-
Factory Bakehouses ..	2	2	6	1	1	1	-	-	-	-
Workshop Bakehouses ..	15	14	22	1	-	1	-	-	-	-
Bread Shops ..	29	29	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	6	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	10	10	42	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries ..	95	94	-	-	-	-	-	-	-	-
Workplaces ..	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing.</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	-	161	90
B.—Occupying premises outside the District, and importing milk into the District	-	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	-	-	-
Licensed	31	25	25
Total on Register	31	25	25

Note.—The District is without 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.—82 new Working Class Houses are owned by the Council. During 1939, under the Housing (Rural Workers) Acts, 11 grants were made within the District by the County Council.

Milk and Butter.—11 licences were issued by the County Council to milk vendors within the District in 1939, viz., 7 to sell T.T. Milk and 4 to sell Accredited Milk. 36 Bovine animals were slaughtered during 1939 under the Tuberculosis Order, 1938, viz., cows in milk, 32; and other cows or heifers, 4.

Butter Factory.—Samples taken from two 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.

Water Supply.—A new water supply has been laid at Bryn croes village. Samples from pump water used by three small villages were taken, and these proved very satisfactory. Samples from the 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 piped water-supply were also taken. Some of these were very satisfactory, but in some, improvement was desirable. The sources, &c., of these were inspected, which showed that the workings required cleansing or certain minor improvements. This has been carried out, and further samples will be taken. Samples of water taken from a proposed supply to the village of Llangybi proved very satisfactory, but this supply has not yet been piped, which would be for the better convenience of the villagers.

Meat Supply.—No slaughtering has taken place in the District since the war started, but the work has been transferred to the Pwllheli Abattoir.

Schools Closed.—Abererch N.P. and Llangybi Council Schools were closed for short periods on account of Influenza Colds; and Cwmstradllyn Council School on account of Measles and Chicken-pox.

Llanystumdwy		Llangybi		Abererch N.P.		Cwmstradllyn	
1937	1938	1937	1938	1937	1938	1937	1938
1	2	2	..	..	..	..	..
..
..	11	12	..	..	..	..	..
Total on Register							

Note.—The District is without a Public Abattoir.

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 1939	2 1937	3 1939	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	58	34	70	-	-	-	-	-	-	-
Retailing Milk Carts ..	11	11	22	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	9	11	9	-	-	-	-	-	-	-
Meat Shops	13	13	28	-	-	-	-	-	-	-
Retailing Meat Carts ..	6	6	18	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	10	-	-	-	-	-	-	-
Workshop Bakehouses ..	5	6	10	-	-	-	-	-	-	-
Bread Shops	11	11	11	-	-	-	-	-	-	-
Retailing Bread Vans ..	8	8	8	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries	9	9	18	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries	20	20	40	-	-	-	-	-	-	-
Workplaces	4	4	8	-	-	-	-	-	-	-
Home-workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing.</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both ..		32	38
B.—Occupying premises outside the District, and importing milk into the District		2	

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	3	2	1
Licensed	9	9	8
Total on Register	12	11	9

Note.—The District is without a Public Abattoir.

Housing.—Before the present war the Council had built 42 houses : 10 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 2 or 3 bedrooms, and many of them are without a back door. When the war broke out the Council had purchased sites and provisionally accepted tenders for the erection of further houses to relieve Overcrowding at Perrhyndraeth, Maentwrog, Harlech and Llandecwyn.

Water Supply.—In three villages (Garreg, Rhyd and Croesor) the houses depend for water supply on Public taps. Water closets in these places are thus out of the question. Water to Gwynfryn village is likely to be supplied from the adjoining Dolgelley Rural District by agreement.

Milk Supply.—T.T. Milk is sold from 5 farms and the Deudraeth Sanitary Inspector takes milk samples from these farms regularly every month on behalf of the County Council and its Medical Officer.

Meat.—All meat is now killed in Portmadoc, outside the District. An application by the Council (to the Meat Commission) to establish a public abattoir at Harlech has been refused.

Disinfection.—In the absence of a steam disinfector, bedding in the case of Tubercular persons is ordered to be destroyed, and the owner compensated in suitable cases.

SOME WAR ACTIVITIES.

(a) *Better Fire Extinguishing Facilities*, in addition to the fire engine, have been secured.

(b) *Ambulances.*—In addition to the ambulance stationed at Penrhyndraeth intended for non-fever emergencies, there is now an ambulance at Corwen in connection with the new Colomendy Fever Hospital (see below). These ambulances will be available for war purposes (including the carriage of evacuees) as well as for peace cases.

(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 has hitherto been without a fever hospital.

(d) *Sick Bay at Harlech.*—Such a hospital was early established by private enterprise (assisted by the local medical practitioner) in an empty house called Cae Besi, which has been adapted for the purpose.

(e) *Anti-Gas Lectures.*—Mr. Lewis, the Clerk to the Deudraeth Council, assisted by myself, arranged a short course of four lectures on war gases and on decontamination after gassing of foodstuffs, clothing, buildings, &c.

These lectures were delivered at the Town Hall, Portmadoc, by Dr. Phillips, Morfa Nevin. The Sanitary Inspectors and Surveyors of the following Councils attended :—Dolgelley, Barmouth, Blaenau Festiniog, and Deudraeth (all of Merionethshire), and Portmadoc, Criccieth, Pwllheli, and Lleyn (all of South Caernarvonshire).

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>	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
Cowsheds & Farm Dairies..	10	10	40	1	20	20	-	-	-	-
Retailing Milk Carts ..	5	5	18	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	1	1	96	-	-	-	-	-	-	-
Meat Shops	1	1	30	-	-	-	-	-	-	-
Retailing Meat Carts ..	2	2	23	-	-	-	-	-	-	-
Factory Bakehouses ..	1	1	6	-	-	-	-	-	-	-
Workshop Bakehouses ..	1	1	6	-	-	-	-	-	-	-
Bread Shops	3	3	12	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	4	15	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	5	6	10	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries.. ..)	4	4	8	-	-	-	-	-	-	-
Workplaces	7	7	10	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	7	7	1
B.—Occupying premises outside the District, and importing milk into the District	3	3	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

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

	In Dec. 1937	In Dec. 1938	In Dec. 1939
Registered only	-	-	-
Licensed	1	1	1
Total on Register	1	1	1

Note.—The District is without a Public Abattoir.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The Estimated Population furnished by the Registrar-General for June, 1939, is 770. In the preceding ten years the average Population was 805. During the ten years ending 1907 the average Population was 1168.

The Birth-rate is 12.7 per 1000 of the Population. In the preceding ten years the average Birth-rate was 9.4 per 1000 of the population. During the ten years ending 1907 the average Birth-rate was 20.6 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. During the ten years ending 1907 the average Infantile-Mortality Rate was 129 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 0.00 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality rate was 1.7 per 1000 of the population.

The General Death-rate is 16.8 per 1000 of the population. In the preceding ten years the average Death-rate was 14.5 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 14.6 per 1000 of the population.

The Death-rate from Tuberculosis is 0.0 per 1000 of the population. In the preceding ten years the average Death-rate from Tuberculosis was 1.88 per 1000 of the population. During the ten years ending 1907 the average Death-rate from Tuberculosis was 2.1 per 1000 of the population.

The Death-rate from Cancer is 3.8 per 1000 of the population. In the preceding ten years the average Death-rate from Cancer was 1.8 per 1000 of the population. During the ten years ending 1907 the average Death-rate from Cancer was 1.2 per 1000 of the population.

SCHOOLS.—There were no schools closed during the year on account of infectious diseases.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 2 patients were admitted. Of these 1 was treated for septic throat and 1 for Ringworm. There were no deaths during the year. There were no "Return" cases.

REPORT OF SANITARY INSPECTOR AND SURVEYOR.

(MR. CYRIL MORGAN, A.R.S.I.).

Water Supply.—Water supply is obtained from Elsi Lake, which is situate 721 feet above sea level. The watershed is free from human habitation and an abundant supply is available throughout the year. During past years the reservoir has supplied water for the generating of electricity for the urban area. In April last year the Council disposed of the electricity undertaking and commenced preliminary work for the installation of filtration and chemical treatment plant. This work was discontinued at the outbreak of hostilities.

Infectious Disease.—Cases of Infectious Disease are removed to Groesynd Isolation Hospital, the infectious bedding and clothing are steam-disinfected at the hospital and disinfectants are supplied to householders for cleansing purposes. The district was free from any epidemic.

Scavenging.—Household refuse is removed satisfactorily by contract. The whole district is scavenged weekly, hotels and restaurants being scavenged twice weekly during the summer months. The public highways are scavenged daily.

Milk Supply.—Sampling of herd milk under the Tuberculosis Order has been carried out directly by the County Council, therefore, no records are available. The cowsheds and dairies are visited frequently and all are periodically limewashed and kept in clean condition. All milk carts are inspected regularly and are found to be kept in clean condition. Sampling of milk for bacteriological purposes was commenced during the year but was discontinued in September owing to the impossibility of delivering the samples at Bangor. It is hoped to re-

commence taking samples during the summer months should the normal bus services be re-introduced. One producer having premises outside the district is licenced to sell T.T. Milk.

Meat and Other Foods.—All bakehouses are visited frequently, and are periodically lime-washed and kept in a clean condition. One slaughterhouse is registered and is found to be clean and well kept at all times. The offal is satisfactorily disposed of and sound meat is being sold and handled in a hygienic manner. Foodstuffs in all shops and retail vans are inspected, and few verbal notices were necessary.

Housing.—No new houses were built in the district during the year. Complaints were received from a number of builders regarding the non-availability of land for building purposes. The Estate owners were approached and a plot of land suitable for the erection of forty-seven semidetached houses was made available. Plans were deposited for the erection of a number of houses but work on these was discontinued at the outbreak of war.

Rats and Mice.—Every effort was made to destroy rats in the Council properties, including refuse tips, sewers, culverts, &c., much success being obtained. Advice and assistance was given to farmers, householders and tradesmen to destroy rats.

Disinfestation.—One building only was found to be verminous. Initial and subsequent disinfestations rendered the premises free from vermin.

Sewerage.—The sewers are systematically flushed and are scavenged periodically and well-maintained. Where house drains cannot be connected to the sewers, cesspools, &c., are emptied and cleansed when necessary. House drains are carefully inspected and any nuisance arising therefrom is immediately abated.

Public Conveniences.—These are regularly inspected and are kept in a clean condition.

Evacuation.—One hundred and twenty nine officially evacuated persons were received into the district and billeted with local householders. The majority of children were badly clothed and in a verminous state, they were, however, cleansed and clothed by the persons with whom they were billeted. One child only was admitted to the Isolation Hospital. The child in question suffering from Ringworm. Twenty-two children and one schoolmistress remained in the district at the end of the year.

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^s</i>	<i>Purveyors from outside the District.</i>
	1	2	3	4	5	6	7	8	9	10
Cowsheds & Farm Dairies..	12	10	12	-	-	-	-	-	-	-
Retailing Milk Carts ..	5	5	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	2	2	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	5	5	5	-	-	-	-	-	-	-
Meat Shops	6	6	10	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	2	2	6	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops	12	12	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries.. .. .)	27	27	10	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on the Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside, or both	12	12	-
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. 1937	In Dec. 1938	In Dec. 1939
Registered only	5	5	5
Licensed	-	-	-
Total on Register	5	5	5

Note—The District is without a Public Abattoir.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1939.

The Estimated Population furnished by the Registrar-General for June, 1939, is 2535. In the preceding ten years the average Population was 2378. During the ten years ending 1907 the average Population was 2775.

The Birth-rate is 14.7 per 1000 of the population. In the preceding ten years the average Birth-rate was 15.40 per 1000 of the population. During the ten years ending 1907 the average Birth-rate was 24.4 per 1000 of the population.

The Infantile-Mortality rate is 81 per 1000 births. In the preceding ten years the average Infantile-Mortality rate was 49 per 1000 births. During the ten years ending 1907 the average Infantile-Mortality rate was 178 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 0.36 per 1000 of the population. During the ten years ending 1907 the average Zymotic Mortality was 1.1 per 1000 of the population.

The General Death-rate is 16.5 per 1000 of the population. In the preceding ten years the average Death-rate was 16.21 per 1000 of the population. During the ten years ending 1907 the average Death-rate was 20.5 per 1000 of the population.

The Death-rate from Tuberculosis is 0.3 per 1000 of the population. In the preceding ten years the average death-rate from Tuberculosis was 1.10 per 1000 of the population. During the ten years ending 1907 the average Death-rate from Tuberculosis was 1.9 per 1000 of the population.

The Death-rate from Cancer is 2.3 per 1000 of the population. In the preceding ten years the average Death-rate from Cancer was 1.60 per 1000 of the population. During the ten years ending 1907 the average death-rate from Cancer was 1.0 per 1000 of the population.

SCHOOLS.—There were no schools closed during the year on account of infectious diseases.

BACTERIOLOGICAL ANALYSIS.—(See Introductory Report).

ISOLATION HOSPITAL.—During the year 1939 3 patients were admitted. Of these 2 were treated for Diphtheria and 1 treated for Scarlet Fever. With Diphtheria 2 of the patients were under 10 years of age. With Scarlet Fever the patient was under 5 years of age. There were no deaths during the year. There were no "Return" cases. Of the Diphtheria patients one was from outside the District.

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR.

(MR. GRIFFITH EVANS, F.F.S.C.).

Water Supply.—The water supply is satisfactory. The joint Water Committee has a scheme of improving the intake at Crafnant Lake so as to improve the volume of water, both at Llanrwst and Trefriw.

Sewerage.—All the sewers are periodically inspected, manholes cleansed out and flushed regularly.

Bakehouses.—The Bakehouses are visited frequently and periodically limewashed. They are all kept in a clean condition.

Disinfection.—Every house is disinfected in case of infectious diseases immediately the case is notified. The patient is removed in an ambulance to the Isolation Hospital at Groesnydd. The clothing steamed in the Disinfector at the Hospital. On several occasions during last summer we sprayed the schools as we had a large number of evacuees.

Scavenging.—The system of collecting house refuse is working quite satisfactorily. The refuse is collected from each house once a week regularly in a covered lorry.

Housing.—Eight new houses were completed by private enterprise during the year. The seventy-three Council Houses reported completed in 1937, though completed were not all occupied until January, 1938. At present the Council Housing Estate comprises the following: 18 built under 1923 Housing Act; 99 built under 1930 Housing Act: Total, 117. I am happy to report that the Housing Scheme has proved a great success. All of the tenants adapted themselves marvelously to their new conditions and have taken a great pride in their new houses.



