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Contributors

Caernarvonshire Combined Sanitary Districts.

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Caernarvonshire Combined Sanitary

WELSH BOARD

30 MAY 1956

OF HEALTH

Annual Health Report

OF THE

District Medical Officers of Health

HEALTH
A-6 JUL 56
CB 20

NORTHERN DIVISION :

BANGOR CITY AND CONWAY BOROUGH, BETHESDA, BETWS Y COED, LLANDUDNO.
LLANFAIRFECHAN AND PENMAENMAWR URBAN DISTRICTS, NANT CONWAY, AND OGWEN,
RURAL DISTRICTS.

T. HEBER PIERCE, V.R.D. M.D.,
Ch.B., M.R.C.S., L.R.C.P., D.P.H.

(His Tenth Annual Report).



SOUTHERN DIVISION :

CAERNARVON AND PWLLHELI BOROUGHs ; CRICCIETH AND PORTMADOC URBAN DISTRICTS
GWYRFAI, AND LLEYN RURAL DISTRICTS.

I. P. NELIS, L.R.C.P. & S.I., D.P.H.

For the Year 1954

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NORTHERN DIVISION

Report for the year ending 31st March 1934
Compiled by the District Medical Officers of Health
and the District Public Health Officers

T. HEBER PIERCE, V.M.D., M.B.
CH.B., M.R.C.S., L.R.C.P., D.P.H.

The Joint Annual Report

SOUTHERN DIVISION

Report for the year ending 31st March 1934
Compiled by the District Medical Officers of Health
and the District Public Health Officers

E. F. HILL, L.R.C.P. & S.A., D.P.H.

for the Year 1934

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Dr. T. H. PIERCE'S Introduction

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

LADIES AND GENTLEMEN,

I beg to submit my Annual Report for the Year ended December 31st, 1954, this being my tenth Annual Report.

For the purpose of my Introductory Remarks all constituent Authorities in the Northern Area have been taken as one District and the following statistics are based on the Registrar General's figures of population for all Districts.

Statistics for individual Districts will be found in Section B—Tables in Common, and in Section C—Additional Local Reports.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954.

The Registrar General's estimated mid-year population was 64,170 which was an increase of 746 over that for 1953. All Districts showed an increase in population except for Bethesda and Penmaenmawr which showed decreases of 19 and 30 respectively. Llandudno showed the greatest increase with 330; and the remaining districts had increases as follows:—Bangor 190; Conway 160; Llanfairfechan 25; Betwsycoed 11 and Nant Conway 4.

BIRTH RATE.

There was a slight decrease in the Birth Rate from 13.18 per 1,000 of the population in 1953 to 12.92 per 1,000 in 1954.

The live Birth Rate for England and Wales was 15.2 per 1,000 of the population compared with 15.5 per 1,000 in 1953. The illegitimacy rate was 46 per 1,000 live births, or 3 per 1,000 below the average for the preceeding five years.

DEATH RATE.

The Death Rate was 14.30 per 1,000 of the population compared with 13.53 per 1,000 in 1953.

The Death Rate for England and Wales was 11.3 per 1,000 of the population compared with 11.4 per 1,000 in 1953.

INFANT MORTALITY.

There was a decrease in the Infant Mortality Rate from 31.97 per 1,000 live births in 1953 to 25.33 per 1,000 live births. This was less than the Infant Mortality Rate for England and Wales which was 25.5 per 1,000 live births. In 1954, 17 of the 21 deaths of infants under 1 year of age occurred under the age of 4 weeks.

CANCER MORTALITY.

There was a slight increase in the Cancer Mortality Rate from 2.31 per 1,000 of the population in 1953 to 2.477 per 1,000 in 1954. The Cancer Mortality Rate for England and Wales also increased from 1.99 per 1,000 of the population in 1953 to 2.035 per 1,000 in 1954.

TUBERCULOSIS MORTALITY.

The Tuberculosis Mortality Rate showed an increase to 0.49 per 1,000 of the population compared with 0.39 per 1,000 in 1953. The Tuberculosis Mortality Rate for England and Wales decreased from 0.20 per 1,000 of the population in 1954 to 0.179 per 1,000 in 1954.

WHOOPING COUGH & MEASLES.

There were no deaths from Whooping Cough or Measles during 1954.

DIPHTHERIA.

One case of Diphtheria was notified during 1954 compared with no cases in 1953.

ACUTE POLIOMYELITIS.

There were no deaths attributable to Poliomyelitis during the year.

INFLUENZA MORTALITY.

There were four deaths directly attributable to Influenza during 1954 giving a Mortality Rate of 0.06 per 1,000 of the population compared with an Influenza Mortality Rate of 0.04 per 1,000 for England and Wales.

PNEUMONIA.

The Death Rate from Pneumonia was 0.28 per 1,000 of the population which was the same as that for 1953.

The Pneumonia Mortality Rate for England and Wales was 0.39.

INCIDENCE OF NOTIFIED INFECTIOUS DISEASES.

During 1954, 532 cases of infectious diseases (excluding Tuberculosis) were notified compared with 808 cases in 1953 and 411 cases in 1952.

The infectious diseases notified consisted of 24 Scarlet Fever ; 1 Diphtheria ; 178 Whooping Cough ; 232 Measles ; 2 Dysentery ; 7 Cerebro-spinal meningitis ; 9 Poliomyelitis ; 23 Chicken Pox ; (not statutorily notifiable) 25 Pneumonia ; 7 Food Poisoning and 14 Erysipelas.

Table "A" below shows the number of male and female cases of Scarlet Fever, Measles and Whooping Cough notified, divided into different Age Groups. Table "B" gives the case rates for 1954 and 1953 of certain notified infectious diseases per 1,000 of the population for the Northern Area compared with those for England and Wales.

TABLE "A."

Age Group	NUMBER OF CASES.					
	Scarlet Fever		Measles		Whooping Cough	
	M.	F.	M.	F.	M.	F.
Under 1 year	—	1	8	3	10	6
1—2 years	—	1	23	24	15	14
3—4 years	—	3	29	44	23	28
5—9 years	7	9	36	52	38	27
10—14 years	1	1	5	3	1	4
15—24 years	1	—	2	—	1	—
25 & over	—	—	—	—	—	1
Age unknown	—	—	2	1	—	—
Totals	9	15	105	127	88	90

TABLE "B."

CASE RATES PER 1,000 OF THE POPULATION 1954 AND 1953.

	1954		1953	
	<i>Northern Division</i>	<i>England and Wales</i>	<i>Northern Division</i>	<i>England and Wales</i>
Paratyphoid	0.00	0.01	0.11	0.01
Meningococcal Infection	0.11	0.02	0.07	0.03
Scarlet Fever	0.37	0.96	0.69	1.39
Whooping Cough	2.77	2.39	2.36	3.58
Diphtheria	0.01	0.00	0.00	0.01
Erysipelas	0.22	0.12	0.17	0.14
Measles	3.61	3.32	7.46	12.36
Pneumonia	0.39	0.60	0.33	0.84
Food Poisoning	0.11	0.20	0.11	0.24
Acute Poliomyelitis	0.14	0.04	0.28	0.11

COMPARABILITY FACTOR.

The Registrar General has issued figures known as Comparability Factors for Birth and Deaths. These are numbers by which the Birth Rates and Death Rates for individual Districts should be multiplied in order to give a truer comparison of the rates, thus compensating for the fact that some districts have a population of more elderly people than others. The following are the Comparability Factors for the various districts :—

COMPARABILITY FACTOR.

<i>District</i>	<i>Births</i>	<i>Deaths</i>
Bangor	0.96	0.97
Bethesda	1.13	0.90
Betwsycoed	1.01	0.90
Conway	1.17	0.78
Llandudno	1.06	0.75
Llanfairfechan	1.17	0.76
Penmaenmawr	1.24	0.66
Nant Conway	1.15	0.88
Ogwen	1.15	0.78

TUBERCULOSIS.

During 1954, 61 Male Pulmonary Tuberculosis and 44 Female Pulmonary Tuberculosis cases were added to the Tuberculosis Registers in addition to 3 Male Non-Pulmonary and 8 Female Non-Pulmonary.

These figures are compared with a total of 101 Pulmonary and 17 Non-Pulmonary cases which were notified in 1953.

After "Transfers" "Patients lost sight of", "Recovered", deaths and additions to the Registers there were 299 Male Pulmonary, 265 Female Pulmonary, 40 Male Non-Pulmonary and 50 Female Non-Pulmonary cases on the Registers on December 31st, 1954, compared with 322 Male Pulmonary, 271 Female Pulmonary, 45 Male Non-Pulmonary and 55 Female Non-Pulmonary cases on 31st December, 1953.

MASS RADIOGRAPHY SERVICE.

During 1954 the Welsh Regional Hospital Board Mass Radiography Unit visited Conway, Llandudno, Llanfairfechan and Penmaenmawr and the results of these surveys are included in the District Reports in Part C.

HOUSING.

During 1954 a total of 244 houses were completed in the various districts of the Northern Area of Caernarvonshire. Of these 126 were built by Local Authorities. The numbers built by individual Councils will be found in Table IV.

I am, Ladies and Gentlemen,

Yours faithfully,

T. H. PIERCE,

Medical Officer of Health.

Dr. I. P. NELIS' Introduction.

(NOTE BY DR. T. A. PHILLIPS).

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

LADIES AND GENTLEMEN,

Dr. I. P. Nelis had left the service of the Joint Sanitary Committee at the time of preparation of this Report. She is, therefore, not available to write her usual introduction.

Since however, the year 1954 fell entirely within her tenure of office it would be inappropriate for me to comment on the sanitary conditions of the area for the period under review.

Suffice it to say that many improvements in the environmental health service were initiated while Dr. Nelis was Medical Officer of Health and that these good works will bring benefit to the community in the years to come.

B.—Tables-in-Common

B.—TABLES~IN~COMMON.

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

Table I.
VITAL STATISTICS.

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

BIRTHS:
(Live)
(a) Total Number
(b) Boys
(c) Girls
(d) Live Birth-rate (on Registrar-General's figures)
(e) Live Birth-rate for England and Wales (per 1000 of population)—
DEATHS:
(Total number from all causes.. .. .
(b) Males
(c) Females
(d) General Death-rate (on Registrar-General's Figures)
(e) Death-rate for England and Wales—
DEATHS OF INFANTS UNDER ONE YEAR:
(a) Number
(b) Infant Mortality (rate per 1000 live Births)
(c) Infant Mortality for England and Wales —
(d) Deaths of Legitimate Infants: Number
(e) Do. do. do. Mortality (per 1000 live births)
(f) Deaths of Illegitimate Infants: Number
(g) Do. do. do. Mortality (per 1000 live births)
DEATHS OF ELDERLY PERSONS (65 years and upwards):
(a) Number
(b) Senile Mortality
ILLEGITIMATE AND STILL-BIRTH BIRTH-RATES
No. of Illegitimate Births (live)
Illegitimate Birth-rate (Percentage of Total live Births—see above)
No. of Still-births (a) Total
(b) Legitimate
(c) Illegitimate
Still-birth Birth-rate (per 1000 live Births)
Still-birth Birth-rate (per 1000 of population)
Still-birth Birth-rate for England and Wales (per 1000 of population)—
MATERNAL (including Puerperal) MORTALITY (Deaths connected with Childbirth and Pregnancy):
Total
(a) From Sepsis
(b) From Other Causes
(c) Maternal Mortality (per 1000 live Births)
(d) Ditto for England and Wales (per 1000 Births (incl. abortions))
ZYMOTIC MORTALITY (Deaths from the so-called Principal Zymotic Diseases. See table of Infectious Diseases):
(a) Number of Deaths
(b) Zymotic Mortality
DEATHS FROM CANCER (and allied malignant diseases):
(a) Number of Deaths
(b) Cancer Mortality
(c) Ditto for England and Wales
DEATHS FROM RESPIRATORY DISEASES (Non-Tubercular):
(a) Number of Deaths
(b) Respiratory (non-Tubercular) Mortality
DEATHS FROM TUBERCULOSIS: (a) Number of Deaths
(b) Tubercular Mortality
(c) Ditto for England and Wales
DEATHS FROM INFLUENZA (a) Number of Deaths
(b) Influenza Mortality
(c) Mortality for England and Wales
DEATHS IN PUBLIC INSTITUTIONS: (a) Number
(b) Percentage of total deaths
(c) Ditto for England and Wales
OPHTHALMIA NEONATORUM: An Eye-Affection of the New-born:
(a) No. of Cases notified.. .. .
(b) Cases Treated at home—(1) Total Number
(2) No. where vision unimpaired
(3) No. where vision impaired
(4) No. where Total Blindness followed.. .. .
(5) No. which proved fatal
(c) Cases treated in Hospital—(1) Total Number
(2) No. where vision unimpaired
(3) No. where vision impaired
(4) No. where Total Blindness followed
(5) No. which proved fatal

	1. Bangor.	2. Bethesda.	3. Betws y Coed.	4. Conway.	5. Llandudno.	6. Llanfairfechan.	7. Penmaenmawr.	8. Nant Conway.	9. Ogwen.	10. Caernarvon.	11. Criccieth.	12. Pwllheli.	13. Portmadoc.	14. Gwyrfa.	15. Llyn.
A	183	60	12	132	205	42	44	81	70	144	29	46	56	321	206
B	96	33	9	77	103	19	24	49	43	71	17	22	36	165	120
C	87	27	3	55	102	23	20	32	27	73	12	24	20	156	86
D	13.21	13.79	16.00	12.67	12.31	13.68	10.76	16.83	14.20	15.48	19.20	12.23	14.28	13.79	11.92
E	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
F	159	65	5	184	235	37	74	65	94	109	25	82	62	365	281
G	85	33	-	87	126	13	37	32	42	57	15	47	32	187	158
H	74	32	5	97	109	24	37	33	52	52	10	35	30	178	123
I	11.48	14.94	6.66	17.66	14.11	12.05	18.09	10.73	19.06	11.72	16.55	21.80	15.84	15.68	16.27
J	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
K	6	1	1	1	3	-	1	3	2	3	1	0	1	8	13
L	32.78	16.66	83.33	30.31	14.63	-	22.73	37.03	28.57	20.84	34.48	0	17.85	24.92	63.10
M	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
N	6	1	1	4	3	-	1	3	1	3	1	0	1	8	13
O	32.78	16.66	83.33	30.31	14.63	-	22.73	37.03	14.28	20.84	34.48	0	17.85	24.92	63.10
P	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Q	0	0	0	0	0	0	0	0	200.00	0	0	0	0	0	0
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T	9	-	-	3	14	4	2	4	5	6	3	3	2	15	8
U	4.92	-	-	2.27	6.83	9.52	4.54	4.93	7.14	4.16	10.34	6.52	3.57	4.67	3.88
V	5	2	3	2	4	1	1	2	-	2	1	2	1	9	10
W	4	2	3	2	2	1	1	2	-	2	1	1	1	9	8
X	1	-	-	-	2	-	-	-	-	0	0	1	0	0	2
Y	27.32	33.33	250.00	15.15	24.57	23.81	22.73	24.69	0	13.88	34.48	43.47	17.85	28.03	48.54
Z	0.36	0.46	4.00	0.19	0.24	0.33	0.24	0.33	0	0.21	0.66	0.53	0.25	0.38	0.57
A	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
B	0	0	0	0	1	*1	0	0	0	0	0	0	0	1	0
C	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0
D	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0
E	0	0	0	0	4.88	-	0	0	0	0	0	0	0	3.11	0
F	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
G	-	-	-	-	-	-	-	-	-	0	0	0	0	1	1
H	-	-	-	-	-	-	-	-	-	0	0	0	0	0.04	0.05
I	31	13	-	25	45	7	14	10	14	25	6	11	4	70	44
J	2.23	2.93	0	2.40	2.70	2.28	3.42	1.65	2.84	2.86	3.97	2.92	1.02	3.00	2.54
K	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035	2.035
L	15	8	1	11	14	2	8	4	9	8	0	2	7	32	13
M	1.08	1.84	1.33	1.06	0.84	0.65	1.95	0.66	1.83	0.86	0	0.53	1.78	1.37	0.75
N	7	4	-	3	4	-	2	6	5	3	1	2	2	16	7
O	0.51	0.96	0	0.29	0.24	0	0.49	0.99	1.01	0.32	0.66	0.53	0.51	0.68	0.40
P	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179	0.179
Q	2	-	-	-	1	-	1	-	-	0	0	0	1	0	4
R	0.14	0	-	0	0.06	0	0.24	0	0	0	0	0	0.25	0	0.23
S	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Interval between maternal condition and death was stated to exceed 12 months

CAUSES OF DEATH.									
Total Number of Deaths (Including Service Personnel)									
(a) Males									
(b) Females									
(1)	Tuberculosis—Respiratory								V
(2)	Tuberculosis—Other								W
(3)	Syphilitic Disease								X
a(4)	Diphtheria								Y
a(5)	Whooping Cough								Z
a(6)	Meningococcal Infections								A
a(7)	Acute Poliomyelitis								B
a(8)	Measles								C
(9)	Other Infective and Parasitic Diseases								D
(10)	Cancer—Stomach								E
(11)	Cancer—Lungs, Bronchus								F
(12)	Cancer—Breast								G
(13)	Cancer—Uterus								H
(14)	Other Malignant and Lymphatic Cancer								I
(15)	Leukæmia, Aleukæmia								J
(16)	Diabetes								K
(17)	Cerebral Hæmorrhage, etc.								L
(18)	Coronary Disease, Angina								M
(19)	Blood Pressure with Heart Disease								N
(20)	Other Heart Disease								O
(21)	Other Circulatory Disease								P
(22)	Influenza								Q
(23)	Pneumonia								R
(24)	Bronchitis								S
(25)	Other Diseases of Respiratory System								T
(26)	Ulcer of Stomach and Duodenum								U
(27)	Gastritis, Enteritis and Diarrhoea								V
(28)	Nephritis and Nephrosis								W
(29)	Enlarged Prostate								X
(30)	Pregnancy, Childbirth, Abortion								Y
(31)	Congenital Debility, Premature Birth, Malformations, &c.								Z
(32)	Other Defined and Ill-defined Diseases								A
(33)	Motor Vehicle Accidents								B
(34)	All other Accidents								C
(35)	Suicide								D
(36)	Homicide and Operations of War								E

***DEFINITIONS.** (a) **PRIVATE HOUSEHOLDS.** Comprising single person, living alone or groups of individual voluntarily living together under a single menage in the sense of sharing the same living room or eating at the same table.

(b) **DWELLING** means a structurally separate dwelling and generally comprises any room or suite of rooms intended or used for habitation, having separate access to the street or to a common landing or staircase to which the public has access.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	1576	893	4472	3808	4920	4472	3814	88222	32526	2213	1731	1211	3543	96475	114232
B	13850	4350	750	10420	16650	3070	4090	6060	4930	9300	1510	3760	3920	23270	17270
C	11111	4132	1029	7967	21048	3639	4483	6771	5479	8307	1984	3813	4167	25247	18859
D	11111	4480	912	8826	15703	3162	4021	6647	5358	8469	1532	3601	3974	24859	18122
E	12822	4435	778	10239	16715	3183	4219	6204	5019	9276	1652	3875	4061	24013	17654
F	5823	2146	344	4680	7005	1442	1876	3003	2395	4253	690	1792	1828	11387	8579
G	6999	2289	434	5559	9710	1741	2343	3201	2624	5018	962	2083	2233	12626	9075
H	8.79	4.87	0.16	2.73	3.38	0.68	1.07	0.06	0.15	4.20	1.14	3.10	1.10	0.24	0.15
I	3778	1421	214	3057	4501	927	1366	1894	1598	2696	515	1199	1259	7639	5352
J	3644	1420	199	2999	4211	875	1307	1845	1579	2667	492	1122	1237	7586	5303
K	10271	4427	635	9475	13471	2775	4007	5891	4930	8892	1487	3643	3929	23635	17085
L	3.20	3.12	2.97	3.09	2.99	2.99	2.93	3.11	3.09	3.29	2.88	3.03	3.20	3.09	3.005
M	1.04	1.01	1.07	1.02	1.07	1.06	1.04	1.03	1.01	1.01	1.004	1.06	1.01	1.007	1.009
N	18545	6981	1066	15488	22356	4519	6735	9180	8036	13882	3190	6050	6575	37554	28155
O	5.09	4.92	5.36	5.16	5.31	5.16	5.15	4.98	5.09	5.20	6.48	5.39	5.31	4.95	5.10
P	1.33	1.60	1.42	1.48	1.34	1.47	1.64	1.51	1.63	1.48	1.87	1.53	1.61	1.60	1.59
Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R	0.7	0.8	2.8	1.3	1.9	0.8	0.7	2.2	0.8	1.1	-	0.8	1.4	1.4	1.6
S	£ 83151	£ 12560	£ 5138	£ 73873	£ 199124	£ 15381	£ 26804	£ 22590	£ 16566	£ 55032	£ 11892	£ 23359	£ 20554	£ 58453	£ 58588
T	322	46	20	293	803	59	105	81	62	213	47	89	81	221	227
U	28	13	11	20	30	15	14	18	13	24	15	16	16	43	43
V	159	65	5	184	235	37	74	65	94	109	25	82	62	365	281
W	85	33	-	87	126	13	37	32	42	57	15	47	32	187	158
X	74	32	5	67	109	24	37	33	52	52	10	35	30	178	123
Y	6	4	-	3	4	-	2	6	5	3	1	2	2	14	6
Z	1	-	-	-	-	-	-	-	1	-	-	-	-	2	1
A	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G	10	3	-	4	7	1	5	2	2	7	1	3	1	20	15
H	3	1	-	4	11	1	2	2	2	3	-	1	-	10	4
I	5	1	-	3	4	1	2	-	1	1	-	1	1	4	3
J	1	-	-	2	-	-	-	1	-	-	1	0	-	2	1
K	11	8	-	12	23	4	5	5	9	14	4	6	2	34	21
L	-	-	-	-	-	-	-	-	-	2	-	0	-	-	1
M	2	-	-	1	1	-	-	1	1	-	1	0	-	1	-
N	22	13	1	30	39	3	6	13	19	12	5	14	13	55	36
O	20	9	-	23	50	5	6	6	5	9	3	9	6	32	32
P	7	-	-	5	4	2	3	2	5	4	-	8	2	15	14
Q	21	8	-	20	38	2	10	6	17	16	2	13	14	54	42
R	13	5	1	28	7	9	10	6	4	15	3	9	4	20	23
S	2	-	-	-	1	-	1	-	-	-	-	-	1	-	4
T	6	2	-	2	3	1	1	2	1	1	-	1	1	12	5
U	7	4	1	7	9	1	6	2	6	5	-	1	5	24	7
V	2	2	-	2	2	-	1	-	2	2	-	-	1	6	1
W	1	-	-	3	3	-	1	-	1	1	1	-	1	1	1
X	1	-	-	1	2	-	-	2	-	-	-	-	-	-	3
Y	2	1	-	2	3	-	3	1	1	-	-	7	2	8	6
Z	-	-	-	3	2	-	-	-	1	1	1	2	-	2	13
A	-	-	-	-	1	1	-	-	-	-	-	-	-	1	-
B	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
C	1	1	-	1	1	-	-	-	1	3	-	-	-	2	2
D	13	2	2	25	16	4	9	6	6	9	1	3	4	39	29
E	1	-	-	1	-	1	-	1	1	-	-	-	-	3	2
F	-	-	-	1	2	1	1	-	3	1	-	1	1	2	6
G	-	1	-	1	2	-	-	-	-	-	1	1	-	-	2
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III.

PRELIMINARY NOTE.—In England and Wales, the Case-Rate (number of Notifications per 1000 of population) of certain Fevers was as follows:—

Small-pox—(0.00), Scarlet Fever—(0.96); Diphtheria—and M. Group—(0.00); Enteric
Fever (including Paratyphoid)—(0.01) Erysipelas—(0.12) and Pneumonia—(0.60)

Food Poisoning (0.20) ; Poliomyelitis (0.04) ; Whooping Cough (2.39) ; Measles (3.32).

NOTIFICATIONS OF TUBERCULOSIS and OTHER INFECTIOUS DISEASES.

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

TUBERCULOSIS See below

[illegible]

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

NEW CASES

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

*The so-called "Principal Zymotic Diseases."

Table IV.

HOUSING STATISTICS

NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY.	Grand Total	A
NEW HOUSES ERECTED (and completed) DURING THE YEAR.	Total	B
(i.) By the Local Authority. Total	.. ..	C
(ii.) By other Local Authorities. Total	.. ..	D
(iii.) By other bodies and persons. Total	.. ..	E
INSPECTION OF DWELLING-HOUSES DURING THE YEAR		
I.—INSPECTION.—(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	.. ..	F
(b) Number of inspections made for the purpose	.. ..	G
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	.. ..	H
(b) Number of inspections made for the purpose	.. ..	I
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	.. ..	J
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	.. ..	K
II.—REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.		
Number of defective dwelling-houses rendered fit in consequence of Informal action by the Local Authority or their officers	.. ..	L
III.—ACTION UNDER STATUTORY POWERS DURING THE YEAR.		
A.—Proceedings under sections 9, 10 and 16 of the Housing Act, 1936.		
(1) Number of dwelling houses in respect of which Formal notices were served requiring repairs	.. ..	M
(2) Number of dwelling-houses which after Formal Notices were rendered fit :—		
(a) By Owners	.. ..	N
(b) By local authority in default of owners	.. ..	O
B.—Proceedings under Public Health Acts :—		
(1) Number of dwelling-houses in respect of which Formal Notices were served requiring defects to be remedied	.. ..	P
(2) Number of dwelling-houses in which defects, after Formal notices, were remedied :—		
(a) By owners	.. ..	Q
(b) By local authority in default of owners	.. ..	R
C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—		
(1) No. of Dwelling-houses in respect of which an undertaking to close the house for human habitation was accepted	.. ..	S
(2) Number of dwelling-houses in respect of which Demolition Orders were made	.. ..	T
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders	.. ..	U
D.—Proceedings under Section 12 of the Housing Act 1936 :—		
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	.. ..	V
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	.. ..	W
RE-CONDITIONED HOUSES (under Housing of Rural Workers Act, 1926)		
No. Re-conditioned (and work completed) during the year	.. ..	X
HOUSING ACT, 1935—OVERCROWDING. Result of First Survey :		
(a) Total number of houses in the district	.. ..	Y
(b) Number of houses Surveyed (Workmen's houses)	.. ..	Z
(c) Number of these overcrowded	.. ..	A
(d) Number of Families dwelling in the Overcrowded Houses	.. ..	B
(e) Number of Persons dwelling in the Overcrowded Houses	.. ..	C
HOUSING ACT, 1936 (Part IV—OVERCROWDING)		
(a) (i) No. of dwellings overcrowded at the end of the year	.. ..	D
(ii.) No. of families dwelling therein	.. ..	E
(iii.) No. of Persons dwelling therein	.. ..	F
(b) No. of new cases of overcrowding reported during the year	.. ..	G
(c) (i.) No. of cases of overcrowded dwellings relieved during the year	.. ..	H
(ii.) No. of families concerned in such cases	.. ..	I
(iii.) No. of Persons concerned in such cases	.. ..	J
(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the Abatement of overcrowding.		
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	1418	241	27	970	725	148	244	172	274	840	78	262	142	1162	483
B	80	1	1	31	101	2	3	15	10	36	4	21	-	124	98
C	72	-	-	2	31	-	-	12	9	32	-	20	-	104	40
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E	8	1	1	29	70	2	3	3	1	4	4	1	-	20	58
F	214	140	10	1230	155	34	37	42	84	251	26	34	90	790	620
G	278	160	12	1656	298	34	54	61	104	352	60	40	110	1102	860
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	13	2	-	-	-	-	3	1	2	6	-	-	-	30	25
K	34	60	8	19	27	6	18	41	9	14	2	32	20	71	91
L	51	56	12	17	20	4	15	7	19	22	26	32	18	194	70
M	8	-	-	-	7	4	-	-	-	6	-	-	3	39	23
N	8	-	-	-	7	4	-	-	-	6	-	-	3	39	23
O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P	5	2	-	2	106	-	2	-	-	-	-	-	-	22	19
Q	5	2	-	2	106	-	2	-	-	-	-	-	-	22	19
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
S	3	-	-	-	-	-	-	1	-	6	-	-	-	30	-
T	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-
U	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-
V	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	3276	1549	231	-	-	929	1164	2172	1612	2390	587	1154	1138	6572	-
Z	2310	1269	123	-	-	34	900	-	1117	1641	-	1146	120	6147	-
A	117	42	4	-	-	-	33	-	58	100	-	338	8	515	-
B	140	42	4	-	-	-	33	-	67	930	-	70	10	438	-
C	596	256	18	-	-	-	167	-	366	-	-	70	52	-	-
D	*	*	*	*	66	*	*	*	*	*	*	*	*	-	*
E	*	*	*	*	66	*	*	*	*	*	*	*	*	-	*
F	*	*	*	*	218	*	*	*	*	*	*	*	*	-	*
G	*	*	*	*	38	*	*	*	*	*	*	*	*	-	*
H	*	*	*	*	47	*	*	*	2	*	*	12	*	66	*
I	*	*	*	*	47	*	*	*	*	*	*	12	*	66	*
J	*	*	*	*	171	*	-	-	*	*	*	62	*	324	*

* No figures available.

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 Carcases or Part Carcases—							
†(a) For Tuberculosis	.....	.....	.....	.....	.....	.....	M
†(b) For other Diseases	.....	.....	.....	.....	.....	.....	N
No. of seizures (supported by magistrate) of ditto—							
(a) For Tuberculosis	.....	.....	.....	.....	.....	.....	O
(b) For other Diseases	.....	.....	.....	.....	.....	.....	P
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

	1. Banger.	2. Bethesda.	3. Betws y Coed.	4. Conway.	5. Llandudno.	6. Llanfairfechan.	7. Penmaenmawr.	8. Nant Conway.	9. Ogwen.	10. Caernarvon.	11. Criccieth.	12. Pwllheli.	13. Portmadoc.	14. Gwyrfai.	15. Llyn.
A	150	-	-	-	-	-	-	-	-	-	118	-	-	-	-
B	14	-	-	5	-	1	-	-	-	4	-	3	-	-	-
C	-	-	-	-	-	13	-	-	-	10	9	11	-	-	-
D	86	-	-	438	84	-	-	-	-	6	-	-	-	-	-
E	4	-	-	4	3	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	1	1	1	1	1	3	3	3	-	1	-	1	1	2	3
K	1	1	1	1	1	3	3	3	-	1	-	1	1	2	3
L	1	1	1	-	1	3	3	-	-	1	-	1	1	1	-
M	32	-	-	-	109	-	6	-	-	25	-	116	*1200	*9098	2
N	251	*21	-	-	1218	-	1	-	-	220	-	936	*3200	*2059	7
O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q	*1759	*569	*21	224	*15746	*342	27	23	24	231	*484	*1553	1820	*2833	*856
R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T	12	9	2	12	8	3	5	1	-	11	5	8	5	20	13
U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	8	9	2	12	8	3	5	1	-	9	5	8	3	20	13

* lbs.

CLOSET AND ASHPIT ACCOMMODATION.

No. of approved Water-closets (fresh-water, cistern flushed)—At the end of the year	..	..	..	..	..	..	..	..	..	A
No. of Waste Water and Hand-flushed Closets	do.	do.	..	..	..	..	..	..	..	B
No. of Midden-privies (dry closets with fixed receptacles)	do	do.	..	..	..	..	..	..	..	C
No. of Bucket privies (dry closets with moveable receptacles)	do.	do.	..	..	..	..	..	..	..	D
No. of approved Earth-closets (e.g. Moule's Dry Closets)	do.	do	..	..	..	..	..	..	..	E
No. of Closets over a stream	.. .. .	do.	do.	..	..	..	..	..	..	F
No. of Closets-in-common between two or more houses	do.	do.	..	..	..	..	..	..	..	G
No. of Houses without a Closet of any kind	..	do.	do.	..	..	..	..	..	..	H
Conversion to a better type.										
From Midden-privy to Bucket-privy	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	I
From Midden-privy to approved Water-closet	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	J
From Bucket-privy to approved Water-closet	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	K
From Hand-flushed Closet to approved Water Closet	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	L
No. of old Houses supplied with a Closet for the first time	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	M
No. of Closets repaired	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	N
ASH ACCOMMODATION.										
No. of old houses supplied with an Ashpit or Ashbin for the first time	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	O
No. of Ashpits replaced by approved covered Ashbin (e.g. Galvanised)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	P
No. of houses without proper Ashpit or Ashbin	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Q
No. of defective Ashpits repaired or Ashbins replaced	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	R
HOUSE DRAINS.										
Old Houses properly drained for first time	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	S
Defects in House Drains remedied	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	T
MISCELLANEOUS.										
WATER AND WATER SAMPLES.										
No. of Water samples taken	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	U
No. found polluted	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	V
No. of Wells remedied	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	W
No. of Wells closed	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	X
No. of Notices sent for defective water fittings	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Y
No. of old houses newly connected with the Mains	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Z
DISINFECTION AND ISOLATION.										
No. of Houses (a) Disinfected (add any cases of Disinfestation)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	A
(b) Supplied with disinfectants	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	B
No. of cases taken to Fever Hospital (including Observation cases)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	C
NUISANCES.										
No. of animals improperly kept and removed	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	D
No. of unhealthy deposits caused to be removed	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	E
No. of complaints received and investigated	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	F
INSPECTING, &c.										
Total number of inspections during the year	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	G
No. of notices issued (a) Informal	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	H
(b) Statutory	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	I
(c) Total	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	J
No. of Prosecutions for all cases	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	K
PUBLIC HEALTH STAFF.										
1. Medical Officer of Health-(a) Whether Whole-time	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	L
(b) Whether there is an Assistant M.O.H.	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	M
2. Sanitary Inspectors (whether one or more)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	N
(a) Whether Whole-time (wholly in the service of the Council)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	O
(b) Whether act as Sanitary Surveyors as well	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	P
(c) Whether act as Highway Surveyors as well	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Q
(d) Whether specialised in Meat or other subject	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	R
3. Whether other Health Officials employed	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	S
(a) Sanitary Surveyors (not being the Sanitary Inspector)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	T
(b) Health Visitors	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	U
(c) Special Nurses (e.g. Fever—specify)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	V

	1. Bangor.	2. Bethesda.	3. Betws y Coed.	4. Conway.	5. Llandudno.	6. Llanfairfechan.	7. Penmaenmawr.	8. Nant Conway.	9. Ogwen.	10. Caernarvon.	11. Criccieth.	12. Pwllheli.	13. Portmadoc.	14. Gwyrfai.	15. Llyn.
A	-	1170	-	-	-	1050	1405	-	688	3442	1236	1304	1158	5733	-
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	-	-	-	-	-	-	73	-	-	-	-	698	550
D	14	104	-	12	-	49	18	-	900	15	-	-	-	602	800
E	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-
F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	3
G	-	-	-	-	-	-	-	-	-	-	-	2	-	-	4
H	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J	-	-	-	-	-	-	-	-	6	-	-	-	-	40	-
K	-	5	-	-	-	-	-	6	115	-	-	2	-	62	181
L	-	3	-	-	-	-	-	-	-	-	-	1	-	-	-
M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N	18	11	-	-	2	-	4	-	12	-	2	9	10	78	30
O	-	-	-	-	-	-	-	-	-	-	-	-	-	22	12
P	-	-	-	-	-	-	-	-	-	-	-	-	-	30	60
Q	-	-	-	-	-	-	158	-	-	-	-	-	10	-	-
R	-	-	-	-	-	-	7	-	-	-	12	30	10	-	45
S	-	-	-	-	-	-	-	6	30	-	-	-	-	74	110
T	87	85	-	10	160	10	13	10	18	15	4	25	30	68	35
U	30	5	2	9	-	-	2	20	17	54	-	9	1	31	62
V	-	1	-	-	-	-	-	9	2	-	-	-	-	3	10
W	-	-	-	-	-	-	-	-	-	-	-	-	-	3	12
X	-	17	-	-	-	-	-	-	4	-	-	-	-	-	-
Y	-	-	4	-	-	5	14	4	16	85	32	6	-	28	66
Z	-	-	-	-	-	-	-	1	31	-	4	5	-	31	115
A	48	11	1	77	43	1	3	6	16	27	7	8	10	54	23
B	108	100	2	8	72	1	2	10	18	32	3	2	6	110	8
C	19	-	-	14	-	-	-	-	-	-	2	-	-	-	-
D	4	-	1	-	4	-	-	-	-	-	-	-	1	4	4
E	10	3	1	-	16	-	-	-	2	-	4	1	1	-	8
F	194	45	10	43	592	12	-	105	109	94	30	20	3	560	208
G	2101	560	36	5334	2518	177	170	241	630	423	2748	716	470	2581	1120
H	91	30	1	7	108	4	23	10	34	73	52	36	35	261	138
I	9	2	-	2	4	-	2	-	-	19	-	-	4	85	12
J	100	32	1	9	112	4	25	-	34	92	52	36	39	346	150
K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
M	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
N	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
O	Yes	Yes	No.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
P	No.	"	Yes	No.	No.	"	"	Yes	Yes	No.	"	"	"	"	"
Q	"	"	"	No.	"	"	"	No.	No.	No.	"	"	"	No.	No.
R	Yes	"	No.	Yes	Yes	"	"	"	"	Yes	"	"	"	Yes	Yes
S	No.	No.	"	No.	No.	No.	No.	"	"	No.	No.	No.	No.	No.	No.
T	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
U	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"

a Whole-time District M.O.H. but Part-time for individual constituent authorities.

TABLE VII.
 FACTORIES, WORKSHOPS AND WORKPLACES.

REMARKS : (1) Nuisances under the Public Health Acts. These include not only nuisances under the Public Health Acts, but those specified in Sections 1, 2, 3, 4, and 6, of the Factories Act, 1937, as remediable under the Public Health Acts.

(2.) Offences under the Factories Act, 1937. These offences include those relating to outwork and offences under the sections mentioned in Transfer of Enforcement Order 1938. (S and R.O. No. 488).

A.—INSPECTIONS for the purpose of provisions as to health, including inspections made by the Sanitary Inspector.

(Part I of the Factories Act, 1937).

PREMISES :

(i.)	Factories in which sections 1, 2, 3, 4, and 6 are enforced by Local Authority	Number on register	A
		No. of Inspections	B
		No. of Written Notices	C
		Number of Prosecutions	D
(ii.)	Factories not included in (i) in which Sect. 7 is enforced by the Local Authorities	Number on register	E
		No. of Inspections	F
		Number of Written Notices	G
		No. of Prosecutions	H
(iii.)	Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises).	Number on register	I
		No. of Inspections	J
		Written Notices	K
		No. of Prosecutions	L

B.—DEFECTS FOUND IN THE SAID PREMISES :

(i.)	Want of cleanliness (S.1.)	Cases found	M
		Cases remedied	N
		Cases referred to or by H. M. Inspector	O
		Number of Prosecutions	P
(ii.)	Overcrowding (S.2.)	Cases found	Q
		Cases remedied	R
		Cases referred to or by H.M. Inspector	S
		Number of Prosecutions	T
(iii.)	Unreasonable temperature (S.3.)	Cases found	U
		Cases remedied	V
		Cases referred to or by H.M. Inspector	W
		Number of Prosecutions	X
(iv.)	Inadequate ventilation (S.4).	Cases found	Y
		Cases remedied	Z
		Cases referred to or by H. M. Inspector	A
		Number of Prosecutions	B
(v.)	Ineffective drainage of floors (S.6.)	Cases found	C
		Cases remedied	D
		Cases referred to or by H. M. Inspector	E
		Number of Prosecutions	F
(vi.)	Sanitary Conveniences (S.7.)	Cases found	G
	(a) insufficient	Cases remedied	H
		Cases referred to or by H. M. Inspector	I
		Number of Prosecutions	J
	(b) Unsuitable or defective	Cases found	K
		Cases remedied	L
		Cases referred to or by H. M. Inspector	M
		Number of Prosecutions	N
	(c) Not separate for sexes	Cases found	O
		Cases remedied	P
		Cases referred to or by H. M. Inspector	Q
		Number of Prosecutions	R

C. OTHER OFFENCES. (Including those relating to outwork, Part 8 of the Factories Act, 1937).

Cases found	S
Cases remedied	T
Cases referred to or by H. M. Inspector	U
Number of Prosecutions	V

C.—Additional Short Local Reports.

BANGOR CITY

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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
	1954	1953	1954							
Cowsheds & Farm Dairies..	7	8	6	-	-	-	-	-	-	-
Retailing Milk Carts ..	31	34	71	4	4	4	-	-	-	-
Milk Shops (Dairy Shops)	1	1	6	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	698	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops	22	22	57	3	3	3	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	10	10	23	2	2	2	-	-	-	-
Workshop Bakehouses ..	2	2	5	-	-	-	-	-	-	-
Bread Shops	22	18	28	1	1	1	-	-	-	-
Retailing Bread Vans ..	14	12	18	4	4	4	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	68	70	39	6	6	6	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	14	14	11	2	2	2	-	-	-	-
Workplaces	17	16	12	1	1	1	-	-	-	-
Home-Workers' Premises ..	-	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	1	5	3
B.—Occupying premises outside the District, and importing milk into the District	-	19	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	-	-	-
Licensed	1	1	1
Total on Register	1	1	1

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954.

The estimated population furnished by the Registrar General for June 1954 is 13850 compared with 13660 in 1953.

The Birth Rate is 13.21 per 1000 of the population compared with 13.69 in 1953 and 14.32 per 1000 of the population in 1952.

The Infantile Mortality Rate is 32.78 per 1000 live births compared with 26.74 in 1953 and 35.35 per 1000 live births in 1952.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 11.48 per 1000 of the population compared with 11.27 in 1953 and 12.59 per 1000 of the population in 1952.

The Death Rate from Tuberculosis is 0.51 per 1000 of the population compared with 0.29 in 1953 and 0.43 per 1000 of the population in 1952.

The Death Rate from Cancer is 2.23 per 1000 of the population compared with 1.75 in 1953 and 3.40 per 1000 of the population in 1952.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1954, 44 cases of infectious diseases were notified, viz., 6 Scarlet Fever; 17, Whooping Cough; 3, Measles; 2, Dysentery; 4, Cerebro Spinal Meningitis; 7 Poliomyelitis (non-residents); 1 Pneumonia; 4 Food Poisoning.

NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES.					
	Scarlet Fever		Measles		Whooping Cough	
	M.	F.	M.	F.	M.	F.
Under 1 year	—	—	1	1	2	—
1—2 years	—	—	—	—	3	1
3—4 years	—	—	—	1	3	3
5—9 years	2	2	—	—	1	4
10—14 years	1	1	—	—	—	—
15—24 years	—	—	—	—	—	—
25 & over	—	—	—	—	—	—
Age Unknown	—	—	—	—	—	—
Totals	3	3	1	2	9	8

SANITARY INSPECTOR'S REPORT FOR THE YEAR 1954.

(G. W. OUTRAM, C.R.S.I., M.S.I.A.).

PUBLIC ABATTOIR.

The change of control of slaughterhouses from Government to Local Authority in July reminded us that prior to 1940 the slaughtering of animals took place in the Corporation Abattoir and in Private Slaughterhouses, neither a convenient, nor a satisfactory state of affairs. With the

advent of the war, slaughtering came under the control of the Ministry of Food, and was centralised at the Municipal Abattoir. On decontrol by the Ministry of Food in July, none of the private slaughterhouses was in a condition to be re-opened, and the Health Committee offered Slaughtering Facilities at the Municipal Abattoir to all local butchers upon a payment basis. This arrangement is operating satisfactorily, and in particular ensures 100% post-mortem examination of carcasses by the Sanitary Inspector.

Carcases Inspected and Condemned.

	<i>Cattle</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number killed (if known)	844	1876	8800	1767
Number inspected	844	1876	8800	1767
All diseases except Tuberculosis—Whole carcasses condemned	7	25	29	6
Carcases of which some part or organ was condemned	244	31	314	43
Percentage of the number inspected affected .. with disease other than Tuberculosis ..	29.5	2.85	4	2.7
Tuberculosis only				
Whole carcasses condemned	3	—	—	6
Carcases of which some part or organ was condemned	29	—	—	58
Percentage of the number inspected affected with tuberculosis	3.7	—	—	3.6

The following meat and offal were condemned during the year :—

6 carcasses of beef and organs ; 17 carcasses of mutton or lamb and offal ; 12 carcasses of veal and offal ; 7 carcasses of pork and offal ; 9 forequarters of beef ; 4 Hindquarters of beef ; 6 Forequarters of mutton ; 1 Side of pork ; 14 parts of lamb or mutton ; 29 Pig Heads ; 154 Ox Livers ; 78 part Ox Livers ; 20 Ox Lungs ; 17 Ox Heads ; 8 Ox Tripes ; 4 Ox Kidneys ; 3 Ox Hearts ; 493 Sheep Livers ; 29 Sheep Plucks ; 19 Pig Livers.

Total weight of meat and offal condemned—6 tons 1 cwt. 2 qtrs. 15 lbs.

INFECTIOUS DISEASES.

The following table gives details of infectious diseases notified :—

<i>Diseases</i>	<i>Cases notified in</i>	
	1954	1953
Whooping Cough	17(1)	6
Poliomyelitis	7(7)	16(14)
Measles	3(2)	122
Salmonella Typhi Murium	4(3)	5(5)
Scarlet Fever	6(3)	1
Meningococcal Infection ..	4(3)	3(3)
Undulant Fever (Brucella Abortus)	1(1)	—
Sonne Dysentery	2(2)	—
Influenzal Pneumonia ..	1	—
Influenzal Meningitis ..	1(1)	—
Paratyphoid B	—	7(3)
Ophthalmia Neonatorum ..	—	12(10)
Tuberculosis	54(37)	33(19)

The three local hospitals admit many patients who are found to be suffering from an infectious disease. When special precautions are necessary the department co-operates in investigating and tracing contacts, and by disinfecting wards.

It will be observed from the table that 1954 was particularly free from the zymotic diseases, which clearly indicates that the abnormal weather conditions which prevailed do not increase the incidence of these diseases. The same cannot be said of influenza and the common cold which were rampant throughout the year.

DISINFECTION.

As a result of Infectious Disease the infected rooms, hospital wards, etc., are disinfected with formaldehyde gas. Similar treatment is given in the homes of tuberculous persons removed to a sanatorium, or following deaths from infectious disease. Sixty-one disinfections were carried out.

FOODSHOPS.

The following tinned and other foods have been voluntarily surrendered by shopkeepers and others during the year :—

77 Tins of Fish	17 Tins of Vegetables
154 Tins of Milk	293 Tins of Fruit
125 Tins of Tomatoes	55 Tins of Luncheon Meat
3 Tins of Veal	32 Tins of Corned Beef
44 Tins of Ham or Tongue	69 Tins of Beef Loaf or Pork
92 Tins of Peas or Beans	40 Tins of Soup
3 Tins of Nescafe	2 Tins of Bacon
2 Tins of Syrup	3 Tins of Marmalade
14 Tins of Paste	168 lbs of Almonds
4 dozen fish cakes	

Total weight—1 ton 11 cwts. 1 qtr. 2 stone 4 lbs. 9 ozs.

MILK SUPPLY.

Three classes of milk continue to be retailed in the borough, Tuberculin Tested, Heat Treated and ordinary raw ungraded. The bulk of the supply is Pasteurised milk, and year by year we see the names of long established Producer/Retailers selling "loose milk" removed from the list. The farmers find it simpler to sell their entire supply to the large dairies where it is pasteurised. This ensures a higher standard of bacteriological purity before sale to the consumer.

Sixty-nine sample of milk were submitted for bacteriological examination. All were satisfactory.

ICE CREAM.

Constant observation was made on the forty-eight premises registered to sell ice-cream, particularly during the busy summer season. Hundred and One samples were taken, four only being below the required standard. These were followed up with the result that a repeat sample showed Grade 1 results.

HYGIENE OF FOOD PREMISES.

Special attention is given to premises registered under the Food and Drugs Act, 1938 for the preparation of sausages and other cooked meats. Visits were also made to restaurant kitchens, bakehouses, snack bars, canteens and foodshops. All infringements noticed were remedied following interviews with the persons concerned.

RATS AND MICE DESTRUCTION.

In 1954 thirty-eight complaints of rats and fifty-four of mice were received. In every case effective steps were taken to eradicate the pests.

During the year the sewers were pre-baited and baited, and the Refuse Tip also received systematic treatment.

VERMINOUS PREMISES.

During the year, 47 premises or parts of premises were treated with insecticide for bugs, 1, cockroaches 15, ants 19; fleas 12. In addition a considerable quantity of insect powder was issued to householders for home treatment of insect pests.

HOUSING.

The Housing Repairs and Rents Act, 1954 was placed on the statute book, and its important provisions placed added duties on the shoulders of Sanitary Inspectors. The first specific task was to submit to the Ministry of Housing and Local Government by August 1955, proposals for dealing with houses within the district which appear to be unfit for human habitation, and liable for demolition.

At the close of the year a preliminary survey indicated that approximately seven hundred houses would require closer and in the majority of cases, individual inspection, so as to enable them to be classified in the appropriate groups. This work will commence in January 1955, and the aim is to complete the full survey in three months.

The Department is also responsible for dealing with applications for certificates of disrepair from householders under the relevant provisions of the Act relating to rent restriction.

SHOPS ACT.

Routine inspections have been carried out from time to time, and it has been found that conditions have been well maintained. Few shopkeepers remain open to the maximum of the hours permitted, nearly all closing at 6.0 p.m. There is however, an increase in the number of shops who take advantage of the exemptions of the Act allowing the sale of smokers requisites, confectionery and sweets on Sundays, the weekly half holiday and later hours. Whilst this appears unfair to shopkeepers who choose to remain closed, it finds no disfavour with the public. Vigilance is necessary to prevent goods not exempted being sold, and the shopkeepers are regularly reminded of this contravention.

FACTORIES AND WORKSHOPS.

Inspections have been carried out, drawing the attention of occupiers to any defects in sanitary conveniences or lack of cleanliness. All notices served were readily complied with, and the necessary works executed.

DRAINAGE AND OTHER SANITARY MATTERS.

The Council's decision that where stopped drains in private dwellinghouses can be cleared simply by rodding or plunging there will be no charge has greatly eased the difficulties of deciding the question of liability for payment between owner and occupier. Choked drains are now attended to immediately complaint is received. Only in a few cases during the year was a charge found necessary due to the need of excavation to expose the drain.

The sanitary accommodation of Licensed Premises, Cinemas and Public Halls were inspected whenever possible. The general cleanliness, ventilation and conveniences were, generally speaking, satisfactory.

The sanitary conveniences of schools were found reasonably clean, but it seems unavoidable that some measure of soiling is observed when inspections are made. The School Cartakers do their cleaning tasks usually in the evenings. With so many children using the lavatories during the day, the only means of ensuring cleanliness at all times is constant supervision.

School sanitation should be second to none, but this happy state of affairs is still a long way off.

Accumulation of rubbish in various parts of the town have to be dealt with periodically. When there is a possible risk of endangering public health, the department removes the offensive matter without delay.

Soiling of pavements etc by dogs brings many pertinent complaints from citizens. There is no law to combat this, but in any future review of the Bangor Corporation Act, it may be possible to incorporate a provision to deal with this nuisance.

SURVEYOR'S REPORT.

CYRIL RICHARD, B.SC., A.R.I.C.S., M.INST., MUN.E.

HOUSING WORKS.

MAINTENANCE.

The Direct Labour Depot endeavours to meet all the complaints from the 1400 houses now in Council ownership, and during the year, 1,658 complaints were dealt with. Painting the exterior of Council houses was retarded by poor weather conditions. 240 houses were done (100 by Contract).

NEW HOUSES.

Maesgeirchen No. 1 Contract (50 houses) was completed and a start made on Contract No. 2 (52 houses). 72 houses handed over during the year.

A further 16 houses at Maesgeirchen (Contract No. 3) and 16 Unity Flats at Coedmawr were contracted for.

PRIVATE DEVELOPMENT.

Eight new houses were completed.

SEWERAGE AND FLOOD PREVENTION.

Though careful inspections are carried out on a few occasions during the year, in which some exceptional storms were experienced, some flooding was experienced in the Hendrewen and Farrar Road areas.

WATER SUPPLIES.

No difficulty was experienced in maintaining an adequate water supply.

Extensions were put in at Coedmawr for the new flats and at Maesgeirchen on the extension to the Housing Estate.

Waste Prevention measures were continued, but the New Service reservoir Scheme was still in its preparatory stage.

Number of dwellings supplied direct from mains :—

In Borough	4200	Outside Borough	135
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Estimated population supplied :—

In Borough	13660	Outside Borough	200
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Standpipes supply a population of :—

In Borough	Nil	Outside Borough	200
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REFUSE COLLECTION AND DISPOSAL.

Direct Labour collection continues and the growth in the number of collections has to be met by assistance of transport from the Highways Department for approximately two days each week. It is hoped to acquire Auxiliary equipment in the form of a tractor and trailer next year.

Once weekly collections from dwellings and twice weekly from Colleges and Institutions.

Disposal at Controlled Tip, Wern Fields, Caernarvon Road. Negotiations proceeding for a new site on the East side of the Town.

Salvage of waste paper and board continues to the benefit of the Council and the Collectors who participate in a Bonus Scheme.

BETHESDA URBAN DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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 1954	2 1953	3 1954	4	5	6	7	8	9	10
Cowsheds & Farm Dairies	8	8	20	-	-	-	-	-	-	-
Retailing Milk Carts ..	-	-	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops) ..	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter Hse. ..	1	1	48	-	-	-	-	-	-	-
Meat Shops ..	7	8	28	-	-	-	-	-	-	-
Retailing Meat Carts ..	5	-	10	-	-	-	-	-	-	-
Factory Bakehouses ..	9	9	22	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops ..	5	5	23	-	-	-	-	-	-	-
Retailing Bread Vans ..	7	7	20	-	-	-	-	-	-	-
Factories (including Factory Bakehouses and Laundries	18	18	39	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries ..	-	-	-	-	-	-	-	-	-	-
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 ..	-	8	-
B.—Occupying premises outside the District and importing milk into the District	2	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	<i>In Dec. 1952</i>	<i>In Dec. 1953</i>	<i>In Dec. 1954</i>
Registered only	-	-	-
Licensed	1	1	1
Total on Register	1	1	1

MEAT IMPORTED FROM BANGOR UNTIL JULY 1954. SINCE JULY 1954 MOST OF THE MEAT IS KILLED AT THE LOCAL SLAUGHTERHOUSE.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954

The estimated population furnished by the Registrar General for June 1954 is 4350 compared with 4369 in 1953.

The Birth Rate is 13.79 per 1,000 of the population compared with 18.77 in 1953 and 17.48 per 1000 of the population in 1952.

The Infantile Mortality Rate is 16.66 per 1000 live births compared with 24.39 in 1954 and 12.29 per 1000 live births in 1952.

There were no deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 14.94 per 1000 of the population compared with 12.36 in 1954 and 16.79 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is 0.96 per 1000 of the population compared with 0.45 in 1953 and 1.13 per 1000 of the population in 1952.

The Death Rate from Cancer is 2.98 per 1000 of the population compared with 2.28 in 1953 and 2.49 per 1000 of the population in 1952.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1954, 124 cases of infectious diseases were notified viz., 24 Whooping Cough; 95 Measles; 2 Erysipelas, 3 Scarlet Fever.

NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES					
	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year ..	—	—	3	—	4	1
1— 2 years ..	—	1	9	13	2	—
3— 4 years ..	—	—	10	18	4	5
5— 9 years ..	1	1	11	28	4	2
10—14 years ..	—	—	—	2	—	1
15—24 years ..	—	—	1	—	1	—
25 and Over ..	—	—	—	—	—	—
Age Unknown ..	—	—	—	—	—	—
TOTALS ..	1	2	34	61	15	9

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1954.

(J. G. EVANS, M.S.I.A., A.R.S.I.)

HOUSING.

No new Council houses were completed during the year. 30 of the existing scheme of 54 houses at Pant y Ffrydlas are nearing completion.

WATER SUPPLY.

The main source of supply is the Afon Gaseg which yields a plentiful supply of good water at the intake. The distribution is by gravitation. The distribution mains however are old and in-rustrated and certain parts of the district experience a shortage at times.

The Council's Consulting Engineers have prepared a scheme of improvement which has been submitted to the Ministry and a Public Enquiry was held at Bethesda in November, 1954. The Ministry later approved of the improvement scheme subject to certain conditions.

SEWERAGE.

All the Council's houses and the majority of private houses are connected to the main sewers. Sewage treatment is carried out on a six acre land irrigation system.

REFUSE COLLECTION.

Weekly collection is carried out by the Council lorry and workmen and the refuse is disposed of by controlled tipping.

DISINFECTION.

Disinfection is carried out after cases of Infectious diseases and householders are supplied with free disinfectant when necessary. In cases of Tuberculosis where destruction of the bedding is recommended the Council makes a contribution towards replacement.

RODENT CONTROL.

Systematic inspection and eradication is carried out in properties and sewers.

MEAT SUPPLIES.

Since July a private slaughter house has been re-opened for the use of five local butchers.

PARKS.

The Council possess a park which includes a bowling green, tennis courts, children's swings, etc.

ICE CREAM.

8 samples of ice cream were submitted to the Public Health Laboratory at Conway with the following results—Grade I, 4; Grade II—2; Grade III—0; Grade IV—2. Where an unsatisfactory result was reported further samples were taken until a satisfactory result was received. Ice cream is manufactured at one shop only in the district and its sale is confined to that shop.

FOOD PREMISES IN THE DISTRICT.

Bakehouses	..	..	..	..	..	9
Cafes	..	..	..	..	..	5
Butchers	..	..	..	..	..	7
Fish and Chip Shops	..	..	..	..	..	5
Hotels and Public Houses	..	..	..	..	..	9
Fishmongers	..	..	..	..	..	2
Grocers	..	..	..	..	..	20
Ice Cream Retailers (including 1 manufacturer)						13

All food premises in the district are periodically visited and the occupiers are always co-operative in carrying out any necessary improvements.

DISPOSAL OF CONDEMNED FOOD.

Where possible, condemned food is burnt. If this is not practicable the food is buried on the Council's refuse tip after being suitably treated to prevent further use.

UN SOUND FOOD.

During the year the following foodstuffs were voluntarily surrendered.

- 29 Tins meat.
- 34 lbs. Tinned Ham.
- 42 Tins Evaporated Milk.
- 75 Tins Assorted Fruits.
- 49 Tins Assorted Vegetables.
- 32 lbs. Bacon.
- 15 tins and 176 lbs. wet fish.
- 21 lbs. carcass meat.

BETWSYCOED URBAN DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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 1954	2 1953	3 1954	4	5	6	7	8	9	10
Cowsheds & Farm Dairies ..	4	4	6	-	-	-	-	-	-	-
Retailing Milk Carts ..	4	4	5	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House* ..	1	1	-	-	-	-	-	-	-	-
Meat Shops	1	1	-	-	-	-	-	-	-	-
Retailing Meat Carts ..	3	3	-	-	-	-	-	-	-	-
Factory Bakehouses ..	2	2	4	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops	3	3	9	-	-	-	-	-	-	-
Retailing Bread Vans ..	3	3	7	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	6	6	10	-	-	-	-	-	-	-
Workshops including Workshop Bakehouses and Laundries	2	2	7	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trade	-	-	-	-	-	-	-	-	-	-
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	-	-	-
B.—Occupying premises outside the District; and importing milk into the District	-	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	-	-	-
Licensed	1	1	1
Total on Register .. In abeyance	1	1	1

*Private Slaughter House not in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954.

The estimated population furnished by the Registrar General for June 1954 is 750 compared with 739 in 1953.

The Birth Rate is 16.0 per 1,000 of the population in 1954 compared with 23.0 in 1953 and 17.47 per 1,000 of the population in 1952.

The Infantile Mortality Rate is 83.33 per 1,000 live births compared with 58.83 in 1953 and Nil per 1,000 live births in 1952.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 6.66 per 1,000 of the population compared with 9.47 in 1953 and 13.44 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is Nil per 1,000 of the population compared with Nil in 1953 and Nil per 1000 of the population in 1952.

The Death Rate from Cancer is Nil per 1,000 of the population compared with 1.35 in 1953 and 2.68 per 1,000 of the population in 1952.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1954, 1 case of infectious disease was notified viz., Scarlet Fever, in a girl aged 8 years.

CONWAY BOROUGH

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

REGULATED ESTABLISHMENTS.

Those premises situated within the District	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 1954	2 1953	3 1954	4	5	6	7	8	9	10
Cowsheds & Farm Dairies	12	12	170	-	-	-	-	-	-	-
Retailing Milk Carts	25	25	273	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House	-	-	-	-	-	-	-	-	-	-
Private Slaughter House	-	-	76	-	-	-	-	-	-	-
Meat Shops	12	12	171	-	-	-	-	-	-	-
Retailing Meat Carts	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses	11	11	124	-	-	-	-	-	-	-
Workshop Bakehouses	-	-	-	-	-	-	-	-	-	-
Bread Shops	-	-	-	-	-	-	-	-	-	-
Retailing Bread Vans	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses and Laundries)	54	54	147	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	-	-	-	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home Worker's Premises	-	-	-	-	-	-	-	-	-	-
Offensive Trades	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

Milk Dealers on the Register	Retailing only	Retailing & Producing	Wholeselling & Producing
A.—Occupying premises within the District, and selling milk within, or outside, or both ..	6	8	5
B.—Occupying premises outside the District and importing milk into the District	3	5	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In. Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	-	-	-
Licensed	-	-	1
Total on Register	-	-	-

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954.

The estimated population furnished by the Registrar General for June 1954 is 10420 compared with 10260 in 1953.

The Birth Rate is 12.67 per 1,000 of the population in 1954 compared with 12.67 in 1953 and 12.05 per 1000 of the population in 1952.

The Infantile Mortality Rate is 30.31 per 1,000 live births compared with 38.47 in 1953 and 16.39 per 1,000 live births in 1952.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 17.66 per 1,000 of the population compared with 16.08 in 1953 and 13.93 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is 0.29 per 1,000 of the population compared with 0.48 in 1953 and 0.39 per 1,000 of the population in 1952.

The Death Rate from Cancer is 2.40 per 1,000 of the population compared with 3.41 in 1953 and 2.66 per 1,000 of the population in 1952.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1954, 82 cases of infectious diseases were notified viz., 11, Scarlet Fever; 1 Diphtheria; 61, Whooping Cough; 1, Meningitis; 1 Poliomyelitis; 6 Pneumonia; 1 Food poisoning.

Numbers of Cases in Age Groups of Scarlet Fever and Whooping Cough.

Age Group ..	NUMBER OF CASES.			
	Scarlet Fever		Whooping Cough	
	M.	F.	M.	F.
Under 1 year	—	1	4	2
1—2 years	—	—	4	6
3—4 years	—	3	9	9
5—9 years	2	4	15	9
10—14 years	—	—	—	2
15—24 years	1	—	—	—
25 & over	—	—	—	1
Age Unknown	—	—	—	—
Totals	3	8	32	29

WELSH REGIONAL HOSPITAL BOARD—MASS RADIOGRAPHY SERVICE.

ANALYSIS OF THE FINDINGS OF THE MASS RADIOGRAPHY SURVEY AT CONWAY—GENERAL
POPULATION AND SCHOOLCHILDREN—FEBRUARY, 1954.

TABLE 'A.'—ANALYSIS IN AGE GROUPS.

	Grand Total	Under 15		15-24		25-34		35-44		45-59		60 & over		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Total number examined ..	286	36	30	15	24	29	23	24	22	23	24	9	9	136	132
Number found to be abnormal	4 or 1.12%	1	—	—	—	—	—	—	—	2	—	—	1	3	1
Classification of abnormal cases :															
(a) Pulmonary Tuberculosis	Nil	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Requiring further observation	Nil	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(c) Other abnormalities of the chest	4 or 1.12%	1	—	—	—	—	—	—	—	2	—	—	1	3	1

MASS RADIOGRAPHY SERVICE.

DETAILS OF MASS RADIOGRAPHY SURVEY OF CONWAY GENERAL POPULATION AND SCHOOLCHILDREN
FEBRUARY, 1954.

TABLE 'B.'

Details of Other Abnormalities.

	Male		Female		Total
Pleural Thickening ..	1	..	—	..	1
Bronchiectasis ..	—	..	1	..	1
Bony Abnormality ..	2	..	—	..	2
Totals	3	..	1	..	4

SANITARY INSPECTOR'S REPORT, 1954.

SLAUGHTERING.

Three of the pre-war slaughterhouses have now been re-licenced to the original owners, but the volume of slaughtering carried on since controls ceased is nothing like pre-war practice.

It is taking a long time to get down to a regular routine, in fact there is not, as yet, any regular routine. One week the butcher may buy dead "off the hook" and the next will buy live and slaughter locally.

There are many reasons for this. Market fluctuations in prices. Lack of trained personnel, grading controls, high retail prices, thousands of young post war wives who have never been trained to know meat as their mothers did, change in public taste, canteen meals at work and school. Better refrigeration facilities for the trade and the home, after effects of war time shortages and controls, all of which have combined to create a changed world in the meat trade. One thing is particularly obvious and that is the much higher standard of quality of meat available, than that which was obtainable under controls.

CAMPING.

The demand for camping facilities continue to increase and more and more space is taken up for this purpose each year.

There are six privately owned sites licenced in the Borough all of which are well patronised two were filled to capacity for the height of the Summer season, with temporary overflows of campers on to neighbouring land.

At the Bryn Morfa Camp a completely new sanitary block has been constructed with new conveniences sufficient for the demand.

Considerable development has been carried out on the Municipal Camping Ground on Conway Morfa. During the year additions were made to the men's and womens' conveniences, but despite this there is still considerable congestion at certain times of the day. Steps have been taken for the provision of added conveniences, and a larger scheme of development is under consideration.

Existing roads have been improved and new approach roads constructed in order to render further camping area available for caravans.

The old Guard Room has been transformed into an up to date Cafe Restaurant, fitted with gas and electricity. It has been let to an efficient caterer who has displayed a high sense of cafe hygiene in his own town business and there is every confidence that he will conduct this restaurant in a creditable manner worthy of a municipal camping site.

The density of caravans has now been reduced from 30 to 25 to the acre. This is in conformity with Town Planning practice.

Refuse collection from camping sites has now become a major problem and occupies a great deal of time and attention during the busy season.

Nearly all refuse from camps is of a combustible nature and could be burned on the site. This in turn would create a constant smoke nuisance and for that reason is not favoured. There is a case here for the development of an efficient incinerator small enough to be portable, and of such design as to consume its own smoke and at the same time produce abundant hot water for the use of the campers.

The yield per head of refuse from a camp appears to be greater than that of people living in dwelling houses. There are several reasons for this, one being the transitory nature of camping where so much material is packed in tins and boxes and multiplied every time a caravan changes tenants, sometimes as frequently as twice a week.

Another reason, is, very few caravans have open fires in which to burn refuse, whereas a great deal of refuse is consumed in the kitchen range even in the Summer, particularly in boarding houses, and dwelling houses catering for visitors.

Again there are no compost heaps at a camp and the nature of the refuse does not make it suitable for feeding chickens etc., Therefore the only safe plan is to put it in a bin and get it removed as soon as possible.

HOUSING.

The cessation of Municipal building has been supplemented by a rapid increase in the number of houses built for private ownership.

The Council has not yet considered its programme of Slum Clearance, but in view of the extensive demolitions made in prewar days, there are not many properties likely to be placed in this category, an extensive scheme is not envisaged.

At the request of the Council all Council owned houses are to be inspected as to the sanitary condition and the state in which they are maintained by the tenants.

MILK.

During 1954, 438 samples of milk were taken for Laboratory Test, and gave the following results :—

Pasteurised Milk	Satisfactory	Unsatisfactory
	310	1
Tuberculin Tested	Satisfactory	Unsatisfactory
	112	2
Ungraded	Satisfactory	Unsatisfactory
	12	Nil
Sterilised	Satisfactory	Unsatisfactory
	1	Nil.

ICE CREAM SAMPLING RESULTS, 1954.**MANUFACTURER.**

	Grades.				Total
	1	2	3	4	
Welcoast Ice Co... ..	31	10	1	—	42
Fortes	121	71	6	8	206
Walls Ltd.	185	4	1	—	190
Lyons	159	1	—	—	160
Paraselli	5	3	1	2	11
Williams, Broncastell ..	2	2	1	—	5
Meadowcream	76	16	2	2	96
	579	107	12	12	710

TYPE OF RETAIL PACKING.

	1	2	3	4	Total
Wrapped Wafer	392	44	7	5	448
Sealed Carton	108	7	1	3	119
Loose	40	55	4	4	103
Cone	39	1	—	—	40
	579	107	12	12	710

CONDENSED FOODSTUFFS.

	Tins.	Weight.
Corned Beef	12	41 lbs. 8 ozs.
Bacon	—	24 lb.
Veal	1	6 lb.
Ham	4	50 lb. 4 ozs.
Tuna Fish	21	
Luncheon Meat	2	8 lb.
Apricots	16	
Pressed Pork	13	70 lb. 12 ozs.
Grapefruit	8	

Pears	..	..	..	..	3	
Peaches	..	..	..	..	19	
Mixed Veg. Soup	..	..	..	..	10	10 lb.
Tinned Tomatoes	..	..	..	..	19	
Ox Tongue	..	..	..	..	4	24 lb.
Salmon	..	..	..	..	1	- 15½ ozs.
Sausages	..	..	..	..		17 lb.
Brawn	..	..	..	..	17	30 lb. 13 ozs.
Cherries	..	..	..	..	6	5 lb. 4 ozs.
Pineapple	..	..	..	..	2	
Peas	..	..	..	..	10	13 lb. 13 ozs.
Condensed Milk	..	..	..	..	17	
Stewed Steak	..	..	..	..	6	6 lb.
Beans	..	..	..	..	4	
Carrots	..	..	..	..	4	
Fruit Salad	..	..	..	..	6	
Fish Paste	..	..	..	..	3 jars	
Pickles	..	..	..	..	2 jars	
Damsons	..	..	..	..	8 tins	
Lamb Tongue	..	..	..	..	3 tins	2 lbs. 4 ozs.
Roast Pork	..	..	..	..	—	8 ozs.
Haddock	..	..	..	..	2 stone.	

SUMMARY OF INSPECTIONS CARRIED OUT DURING 1954.

Visits and Inspections in connection with :—

Complaints received and investigated	..	..	..	..	107
Nuisances recorded and dealt with	..	..	..	..	43
Factories inspected	..	..	..	..	23
Inspections in connection with house refuse collection	..	..	..	..	549
Inspections under the Public Health Act	..	..	..	..	294
Miscellaneous Inspections	..	..	..	..	97
Drains inspected	..	..	..	..	41
Rats, Disinfestation and inspections	..	..	..	..	233
Visits to Bakehouses	..	..	..	..	124
Water Defective fittings	..	..	..	..	23
Fumigations	..	..	..	..	18
Camps. Visits to sites	..	..	..	..	159
Disinfestations (other than rats)	..	..	..	..	59
Visits to Council Houses—estate houses	..	..	..	..	1213
"Points Scheme"—applicants dealt with	..	..	..	..	17
Re-inspections under Housing Acts	..	..	..	..	219
Overcrowding. Cases dealt with	..	..	..	..	7
Public Conveniences	..	..	..	..	213
Visits of Butchers shops	..	..	..	..	171
Visits to Food Shops	..	..	..	..	127
Other shops	..	..	..	..	113
Attention under Food and Drugs Acts, including visit to Food Shops and					
Restaurants	..	..	..	..	765
Visits to milk retailers	..	..	..	..	273
Visits to Dairies	..	..	..	..	129
Visits to Cowsheds	..	..	..	..	41
Slaughter Houses	..	..	..	..	76

Total .. 5121

HOUSE REFUSE COLLECTION & DISPOSAL.

Total Number of miles covered during the year including salvage (estimated owing to breakdowns)	7863
Average Weekly mileage	151.2
Total Number of loads collected (excluding salvage)	1587
Average weekly loads	30.5
Total weight of refuse collected (average load 4½ tons)	7539
Average weekly weight collected	144.9
New calls made during the year	18
Population of the Borough (Registrar General's estimate)	10420
Area in Acres	4703
Weight per 1,000 persons per annum (tons)	730.7
Refuse weighed	1%
Nett Expenses per 1000 persons	Collection £418
Disposal	£152
Total	£570

SALVAGE RECOVERED.

	1953				1954			
	T.	Cwts.	Qrs.	£ s. d.	T.	Cwts.	Qrs.	£ s. d.
Paper	119	0	0	868 0 0	131	13	2	1014 16 8
Rags	3	10	0	63 0 0	3	8	0	61 4 0
Non. Fert. Metals	-	3	0	3 0 0	-	6	0	4 0 0
Black Scrap	1	0	0	2 0 0	1	6	0	2 12 0
.. .. .	123	13	0	£936 0 0	136	13	2	£1082 12 8

HOUSE REFUSE COLLECTION & DISPOSAL.

Methods of Collection	100% Mechanical Haulage
Methods of Disposal	100% Controlled Tipping
Average Haul (Miles)	5
Wet Refuse	None

Average interval between collections in Urban District	7 days
Average interval between collections in outlying area	14 days
Is Refuse brought to the kerbside by tenants	No.

LLANDUDNO URBAN DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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
	1954	1953	1954							
Cowsheds & Farm Dairies	45	45	45	-	-	-	-	-	-	-
Retailing Milk Carts	-	-	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	12	12	48	-	-	-	-	-	-	-
Public Slaughter House	1	1	309	-	-	-	-	-	-	-
Private Slaughter House	-	-	-	-	-	-	-	-	-	-
Meat Shops	18	18	43	3	3	2	-	-	-	-
Retailing Meat Carts	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses	8	13	12	5	3	3	-	-	-	-
Workshop Bakehouses	-	-	-	-	-	-	-	-	-	-
Bread Shops	45	45	-	-	-	-	-	-	-	-
Retailing Bread Vans	-	-	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses and Laundries)	110	100	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	11	26	46	3	3	3	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home Worker's Premises	1	2	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 ..	5	3	-
B.—Occupying premises outside the District and importing milk into the District	5	1	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	<i>In Dec. 1952</i>	<i>In Dec. 1953</i>	<i>In Dec. 1954</i>
Registered only	-	-	-
Licensed	1	1	1
Total on Register	1	1	1

NOTE:—Public Abattoir only now in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954.

The estimated population furnished by the Registrar General for June 1954 is 16,650 compared with 16,320 in 1953.

The Birth Rate is 12.31 per 1,000 of the population in 1954 compared with 11.89 in 1953 and 12.23 per 1,000 of the population in 1952.

The Infantile Mortality Rate is 14.63 per 1,000 live births compared with 30.93 in 1953, and 40.82 per 1,000 live births in 1952.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 14.11 per 1,000 of the population compared with 12.99 in 1953 and 15.84 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is 0.24 per 1,000 of the population compared with 0.36 in 1953 and 0.12 per 1,000 of the population in 1952.

The Death Rate from Cancer is 2.70 per 1,000 of the population compared with 2.26 in 1953, and 3.36 per 1,000 of the population in 1952.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1954, 148 cases of infectious diseases were notified viz., 3 Scarlet Fever ; 17 Whooping Cough ; 89 Measles ; 2 Meningitis ; 1 Poliomyelitis ; 22 Chickenpox ; 5 Pneumonia ; 9 Erysipelas

NUMBERS OF CASES IN AGE GROUPS OF SCARLET FEVER, MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES					
	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	F	F
Under 1 year ..	—	—	3	2	—	—
1— 2 years ..	—	—	11	6	2	1
3— 4 years ..	—	—	16	21	2	3
5— 9 years ..	2	1	12	11	5	4
10—14 years ..	—	—	3	1	—	—
15—24 years ..	—	—	1	—	—	—
25 and over ..	—	—	—	—	—	—
Age unknown ..	—	—	1	1	—	—
Totals ..	2	1	47	42	9	8

WELSH REGIONAL HOSPITAL BOARD—MASS RADIOGRAPHY SERVICE

ANALYSIS OF THE FINDING OF THE MASS RADIOGRAPHY SURVEY AT LLANDUDNO—GENERAL POPULATION AND SCHOOLCHILDREN. FEBRUARY 1954.

TABLE 'A' ANALYSIS IN AGE GROUPS.

	Grand Total	Under 15		15-24		25-34		35-44		45-59		60 & over		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Total no. of persons examined. Normal & Abnormal	2804	137	169	283	460	225	273	182	264	230	345	109	127	1166	1638
Total no. found to be abnormal	162 or 5.77 %	4	3	4	21	7	11	8	13	27	21	18	25	68	94
Referred to Chest Clinic for further investigation	66 or 2.35 %	4	2	2	10	3	6	3	6	6	6	7	11	25	41
Other abnormalities of the chest	96 or 3.42 %	—	1	2	11	4	5	5	7	21	15	11	14	43	53

MASS RADIOGRAPHY SERVICE

DETAILS OF MASS RADIOGRAPHY SURVEY OF LLANDUDNO GENERAL POPULATION AND SCHOOL-CHILDREN

FEBRUARY 1954

TABLE 'B'

DETAILS OF OTHER ABNORMALITIES

			Male	Female	Total
Healed Post Primary Pulmonary Tuberculosis	..	..	5	11	16
Healed Primary Pulmonary Tuberculosis	..	..	1	8	9
Pulmonary Fibrosis	..	..	1	—	1
Basal Fibrosis	..	..	5	2	7
Pleural Thickening	..	..	2	—	2
Intrathoracic Tumour	..	..	1	—	1
Pneumoconiosis	..	..	1	—	1
Bronchitis and Emphysema	..	..	11	10	21
Cardio Vascular Disease—Acquired	..	..	3	3	6
Bony Abnormality	..	..	12	19	31
Foreign Body in lung	..	..	1	—	1
TOTALS	..	..	43	53	96

REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1954

(Mr. I. G. GRIFFITHS, M.S.I.A.)

At the end of June, Mr. T. F. Roberts, M.S.I.A., retired from the position of Sanitary Inspector after 24 years service with the Council.

GENERAL SUMMARY

No. of complaints received and attended to	..	..	..	..	..	..	..	592
No. of inspections for detection of nuisances	..	..	..	..	..	..	..	355
No. of re-visits in connection with nuisances	..	..	..	..	..	..	..	143
No. of nuisances abated	..	..	..	..	..	..	..	294
No. of Informal Notices served for the abatement of nuisances	..	..	..	..	..	..	..	108
No. of Formal Notices served for the abatement of nuisances	..	..	..	..	..	..	..	4
No. of visits re Moveable Dwellings and Camping Sites	..	..	..	..	..	..	..	40
No. of enquiries re Infectious Diseases	..	..	..	..	..	..	..	16
No. of visits to slaughterhouse	..	..	..	..	..	..	..	309
No. of visits to premises where food is prepared and sold	..	..	..	..	..	..	..	142
No. of visits to Ice Cream Shops	..	..	..	..	..	..	..	101
No. of samples taken of Ice Cream	..	..	..	..	..	..	..	77
No. of visits re Milk Control	..	..	..	..	..	..	..	48
No. of samples taken of Milk Supply	..	..	..	..	..	..	..	84
No. of inspections under Explosives Acts	..	..	..	..	..	..	..	40
No. of Inspections under Petroleum Acts	..	..	..	..	..	..	..	41
No. of soil samples taken for Cancer research	..	..	..	..	..	..	..	11
No. of visits re Rodent Control	..	..	..	..	..	..	..	171
No. of Inspections of Factories	..	..	..	..	..	..	..	61
No. of new drains inspected	..	..	..	..	..	..	..	162
No. of Smoke Observations	..	..	..	..	..	..	..	21
No. of Miscellaneous visits	..	..	..	..	..	..	..	334
Total No. of Inspections	..	..	..	..	..	..	..	2518

MILK.

The Milk (Special Designations) (Specified Areas) Order 1954, came into operation in the Llandudno district on the 1st April, 1954, which made compulsory the use of special designated milk for retail sales. For some time the sale of "loose" milk had been slowly diminishing and the demand by the public of a bottled pasteurised or tuberculin tested milk increasing.

Regular samples of pasteurised, sterilised and tuberculin tested milk have been taken for bacteriological examination with very satisfactory results. Of 69 samples of milk submitted for bacteriological examination only one failed the prescribed test.

CHEMICAL ANALYSIS OF MILK.

During the year 15 samples of milk were taken for submission to the Public Analyst. Of these 13 were found to be genuine and of good quality. 2 samples were found to be below the required standard and letters of caution were sent to the producers.

ICE CREAM.

Fifty-one premises are registered for the sale of ice-cream under Section 14 of the Food and Drugs Act, 1938, three of which are manufacturers.

During the year 77 samples were obtained and submitted for bacteriological examination with the following results :—

54 samples placed in Grade 1	}	Satisfactory
15 samples placed in Grade 2		
6 Samples placed in Grade 3	—	(doubtful)
2 Samples placed in Grade 4	—	(unsatisfactory)

Pickles	..	..	..	..	..	..	..	7 jars
Sauce	..	..	..	..	..	..	..	10 bottles
Margarine	..	..	..	..	..	..	..	58 lbs.
Butter	..	..	..	..	..	..	..	26 lbs.
Cheese	..	..	..	..	..	..	..	167 lbs.
Fishcakes	..	..	..	..	..	..	..	5 doz.
Poultry	..	..	..	..	..	..	..	2 crates
Puddings	..	..	..	..	..	..	..	23 tins.
Packets Cheese	..	..	..	..	..	..	..	51
Gravy	..	..	..	..	..	..	..	18 Pkts.
Cake Mixture	..	..	..	..	..	..	..	13 Pkts.
Biscuits	..	..	..	..	..	..	..	283 lbs.
Total Weight—1 Ton, 17 cwts. 86 lbs.								

The following Meat and Offals were condemned and disposed of during 1954 :—

Carcases of Beef and all organs	..	..	..	..	..	..	15
Part Hind of Beef	..	..	..	..	..	..	4
Carcases of Mutton and Lamb	..	..	..	..	..	..	20
Part Carcases of Mutton and Lamb	..	..	..	..	..	..	4
Carcases of Veal	..	..	..	..	..	..	2
Hinds of Veal	..	..	..	..	..	..	2
Carcases of Pork	..	..	..	..	..	..	1
Part Carcases of Pork	..	..	..	..	..	..	4
Ox Heads	..	..	..	..	..	..	14
Ox Livers	..	..	..	..	..	..	195
Part Ox Livers	..	..	..	..	..	..	29
Ox Lungs	..	..	..	..	..	..	46
Ox Udders	..	..	..	..	..	..	3
Ox Tripes	..	..	..	..	..	..	4
Sheep Livers	..	..	..	..	..	..	811
Sheep Plucks	..	..	..	..	..	..	66
Sheep Heads	..	..	..	..	..	..	50
Pigs Livers	..	..	..	..	..	..	4
Pigs Plucks	..	..	..	..	..	..	21
Pigs Heads	..	..	..	..	..	..	39
Calves Heads	..	..	..	..	..	..	3

Total Weight—15,746 lbs. 7 tons. 2 qrts. 10 lbs.

MEAT.

During the year the Public Abattoir reverted from Ministry Control and is now used by private butchers, the Fatsotck Corporation and a Wholesale Canning Co. The change over from Ministry Control to Public use was surprisingly smooth and I must pay tribute here to the assistance given by Mr. Idwal Davies the Slaughterhouse Superintendent. Much requires to be done to the Abattoir both by way of renovation and re-modelling and it is hoped that the essential work will be shortly put in hand.

309 visits were made to the Abattoir during the year. The total number of animals slaughtered and carcasses inspected was as follows :—

	<i>Cattle excluding Cows</i>	<i>Cows</i>	<i>Sheep and Lambs</i>	<i>Calves</i>	<i>Pigs</i>
Number killed	692	744	20683	794	3366
Number inspected	692	744	20683	794	3366
All diseases except Tuberculosis whole carcasses condemned	4	6	24	—	1
Carcasses of which some part or organ was condemned	205	3	942	5	28
% of the number inspected affected with diseases other than Tuberculosis	30.2%	1.2%	4.1%	0.63%	0.9%
Tuberculosis only whole carcasses condemned	—	4	—	2	—
Carcasses of which some part or organ was condemned	60	1	—	—	42
% of the number inspected affected with Tuberculosis	0.9%	0.7%	—	0.3%	1.2%

PUBLIC HEALTH (MEAT REGULATIONS)

During the year 234 inspections and observations were made in connection with markets, shops, stalls, etc., in order to ascertain whether the above regulations were being complied with.

DESTRUCTION OF RATS AND MICE.

During the year 171 visits and re-visits were made to rat-infested premises. Drains have been inspected and tested, and any defects found have been remedied. Rat runs have been sealed up and where necessary poison baits laid. Advice has been given to all complainants so desiring, and "Warfarin" supplied free of charge.

The Council's tips have been baited at frequent intervals and a complete treatment of all sewer manholes was carried out twice during the year.

DISINFECTION WORK.

The number of cases of verminious premises has reduced considerably during the past few years. Only 8 cases came to the notice of the Sanitary Inspector during 1954. Re-visits to the infected premises were not necessary after the initial treatment.

REPORT OF THE ENGINEER AND SURVEYOR (Mr. J. A. EDWARDS, B.Eng., A.M.I.C.E., A.M.T.P.I., Etc.)

During 1954, both the quality and the quantity of the water have been satisfactory. Bacteriological examinations of the raw water were made monthly at the Lakes Dulyn & Melynlyn and at the balancing tank at Llanbedr immediately before treatment. At the last-named point water is sterilized by the Chloranine Process, using injections of Ammonia and Chlorine gases, and bacteriological examinations are taken weekly at various points in the district network.

The results have been satisfactory and the majority of reports taken by an independent Analyst at Conway Public Health Laboratories shewed Ministry of Health Classification 1. No

serious contamination has been experienced, and any samples which have fallen below Classification have, on subsequent tests from the same source, yielded Class 1 results, shewing that the original inability to obtain this standard had been probably due to sampling errors.

There are 6080 properties in the District which are supplied with water direct. There are no properties in the town which are served by means of standpipes.

REPORT OF THE METEOROLOGICAL OBSERVER.

(Mr. GLYN A. ROBERTS, F.R.MET.S., A.R.S.I.)

The Meteorological Station is situated at the Llandudno Cricket Ground and occupies a central position. The site is 13 feet above mean sea level.

The instruments comprise one Kew Pattern Barometer, Maximum and Minimum Thermometers, Wet and Dry Bulb Hygrometers, Grass Minimum Thermometer, Rain Gauge, Campbell-Stokes Sunshine Recorder, Barograph, Hygrograph and Thermograph. During 1954 it is hoped to install an Anemometer for recording the speed of the wind. All the instruments have been tested and certified at the National Physical Laboratory and the Station is inspected annually by an Inspector from the Meteorological Office, Air Ministry.

Telegraphed reports are made daily to the Meteorological Office to assist the compilation of Weather Reports. Complete Weather Summaries are forwarded monthly to Air Ministry.

Reports are made regularly to the Local Press, and from time to time special observations and researches are made for University Departments, Government Departments, Insurance Companies, Scientific Bodies and others.

Complete sets of Weather figures are available since 1909 and mean values and miscellaneous figures date back as far as 1861, when the late Dr. J. Nicol, M.D., Medical Officer of Health, commenced to make daily weather observations.

MISCELLANEOUS NOTES ON THE WEATHER OF 1954

The sunshine total for the year was most disappointing with only 1,429 hours compared with the forty years of mean 1496 hours. The total for 1953 was 1,690 hours while 1952 received 1507 hours sunshine. The year started in a moderate manner then March bucked up followed by April with a fine total of 217 hours. This was the best April total since 1929, May June July and August became progressively poorer until September rallied with 176 hours. October was feeble and then November and December and produced reasonable totals.

During the year bright sunshine was recorded on 313 days and the most sun recorded in one day was 14.3 hours on the 1st June. September was the only month with some sunshine every day. The poorest month was January with bright sunshine recorded on 18 days only.

The year's total rainfall was 34.32 inches compared with the 40 year's mean of 29.13 inches. January, April and December were the only months with below average totals. November received almost twice its average share of rain with 5.55 inches. October had a heavy total of 5.29 inches.

The number of "rain days" (more than 0.01 ins.) during the year was 205 days. April and May had only 5 days and 9 days respectively, while September, although having a good sunshine total, had rain on 25 of its 30 days. The heaviest fall in 24 hours was 1.43 inches on 5th November, completely washing out Guy Fawkes Night. The 23rd October had a heavy total of 1.20 inches. At the time of their occurrence these totals probably seemed like deluges, but they fall into insignificance when compared with 1½ inches in 15 minutes at Guernsey in August 1914 or 46 inches in 24 hours at Baguio in the Phillipines in June 1911!

The highest temperature recorded during the year was 76 degrees on the 1st September and the lowest temperature was 16 degrees on the 2nd February, a temperature range of 60 degrees. So far as the writer can discover, the hottest temperature recorded in the world is 136 degrees Fahr. to the South of Tripoli and the coldest 90 degrees below at Verkoshark in Siberia. These figures represent a temperature range of nearly 230 degrees Fahr. between two inhabited places.

The following Tables shew Means, Extremes and Totals month by month for the whole year.

TABLE I.

BAROMETRIC PRESSURE, VAPOUR PRESSURE, HUMIDITIES AND MEANS AND EXTREMES OF TEMPERATURES

Month	Baro- meter in Inches	Vapour Pres- sure	Hum- idity	Mean of Max.	Mean of Min.	Mean of Max & Min	High est Max.	Date	Lowest Min.	Date
January ..	30.12	8.1	87%	44.5	37.3	40.9	55	14, 15	23	29
February ..	29.82	7.4	88%	43.9	34.9	39.4	56	21	16	2
March ..	29.73	8.3	82%	49.5	39.6	44.5	62	11	27	2
April	30.28	8.7	75%	52.6	40.5	46.5	59	3	34	28
May	30.01	10.4	77%	59.5	47.1	52.3	68	27	40	1, 8
June ..	29.93	12.6	83%	60.7	51.1	55.9	69	5	45	2
July ..	29.85	13.6	85%	61.7	53.3	57.5	69	13	47	26
August	29.85	14.2	88%	62.0	54.0	58.0	70	31	47	26
September ..	29.86	12.9	81%	61.2	51.8	56.5	76	1	41	23
October ..	29.83	13.1	86%	59.7	50.9	55.3	67	2, 18	37	26
November ..	29.80	9.5	83%	52.1	42.7	47.4	62	4	32	17
December ..	29.83	9.5	86%	50.5	43.2	46.9	61	2	33	9
Means ..	29.91	10.7	83%	54.7	45.5	50.1	—	—	—	—

TABLE II.
SUNSHINE AND RAINFALL
STATISTICS FOR LLANDUDNO DURING 1954 WITH COMPARATIVE VALUES FOR
ENGLAND AND WALES.

Month	SUNSHINE			RAINFALL		
	Total (Hrs.)	% of average	England & Wales % of average	Total (Ins.)	% of average	England & Wales % of average
January	46.6	90	117	2.17	90	88
February	62.8	91	88	2.33	119	131
March	125.1	102	87	2.06	101	117
April	217.3	132	121	1.37	81	29
May	188.2	91	82	2.18	122	131
June	160.2	75	70	2.75	145	142
July	122.6	68	75	2.54	113	124
August	124.6	75	73	3.09	110	139
September	175.6	134	120	2.48	116	139
October	86.7	88	84	5.29	137	122
November	75.7	138	102	5.55	192	190
December	43.4	111	108	2.51	87	89
Mean		95	89		122	122
Totals	1428.8			34.32		

TABLE III.

MONTHLY MEANS AND EXTREMES—SUNSHINE AND RAINFALL 1954.

Month	RAINFALL			SUNSHINE			
	No. of "Rain Days" (i.e. 0.01 ins. or more)	Greatest Fall in 24 hours	Date	Daily Mean (Hrs.)	Most Sun in one day (hours)	Date	No. of days on which bright sunshine was recorded
January	18	0.60	25th	1.50	5.6	27th	18
February	19	0.33	7th	2.24	5.8	20th	23
March	13	0.59	25th	4.04	9.3	11th	30
April	5	0.57	30th	7.24	11.6	16, 27	29
May	9	0.93	28th	6.07	13.9	30th	28
June	11	0.78	6th	5.34	14.3	1st	29
July	20	0.38	3rd	3.95	12.6	12th	30
August	20	0.59	1st	4.02	11.1	16th	28
September	25	0.37	6, 27	5.85	10.2	1st	30
October	22	1.20	23rd	2.80	8.1	6, 10	26
November	21	1.43	5th	2.52	7.1	17th	22
December	22	0.49	8th	1.40	6.0	15th	20
Totals	205	—	—	—	—	—	313

LLANFAIRFECHAN URBAN DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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
	1954	1953	1954							
Cowsheds & Farm Dairies	13	13	13	-	-	-	-	-	-	-
Retailing Milk Carts	3	7	6	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	4	-	8	-	-	-	-	-	-	-
Public Slaughter House	-	-	-	-	-	-	-	-	-	-
*Private Slaughter House	3	3	48	-	-	-	-	-	-	-
Meat Shops	-	4	-	-	-	-	-	-	-	-
Retailing Meat Carts	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses	3	3	6	-	-	-	-	-	-	-
Workshop Bakehouses	-	-	-	-	-	-	-	-	-	-
Bread Shops	9	9	9	-	-	-	-	-	-	-
Retailing Bread Vans	5	5	6	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	11	11	12	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	23	23	16	-	-	-	-	-	-	-
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	1	13
B.—Occupying premises outside the District, and importing milk into the District	1	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	3	3	3
Licensed (The Public Abattoir)	-	-	-
Total on Register	3	3	3

*Private Slaughter Houses in use since July 1954.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954.

The estimated population furnished by the Registrar General for June 1954 is 3070 compared with 3045 in 1953.

The Birth Rate is 13.68 per 1,000 of the population in 1954 compared with 14.12 in 1953 and 10.15 per 1,000 of the population in 1952.

The Infantile Mortality Rate is Nil per 1,000 live births compared with 23.26 in 1953 and 32.25 per 1,000 live births in 1952.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 12.05 per 1,000 of the population compared with 21.02 in 1953 and 14.73 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is Nil per 1,000 of the population compared with 0.32 in 1953 and 0.32 per 1,000 of the population in 1952.

The Death Rate from Cancer is 2.28 per 1,000 of the population compared with 3.61 in 1953 and 2.29 per 1,000 of the population in 1952.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1954, 45 cases of infectious diseases were notified viz., 23 Whooping Cough ; 4 Measles ; 18 Pneumonia.

NUMBERS OF CASES IN AGE GROUPS OF MEASLES AND WHOOPING COUGH.

AGE GROUP					NUMBER OF CASES			
					<i>Measles</i>		<i>Whooping Cough</i>	
					M	F	M	F
Under 1 year	..	..	..	..	—	—	—	1
1— 2 years	..	..	..	..	—	—	3	2
3— 4 years	..	..	..	..	—	—	2	4
5— 9 years	..	..	..	..	2	1	7	3
10—14 years	..	..	..	..	1	—	1	—
15—24 years	..	..	..	..	—	—	—	—
25 and over	..	..	..	..	—	—	—	—
Age unknown	..	..	..	..	—	—	—	—
Totals	..	..	..	..	3	1	13	10

WELSH REGIONAL HOSPITAL BOARD—MASS RADIOGRAPHY SERVICE

ANALYSIS OF THE FINDINGS OF THE MASS RADIOGRAPHY SURVEY AT LLANFAIRFECHAN GENERAL POPULATION AND SCHOOLCHILDREN JANUARY 1954

TABLE 'A' ANALYSIS IN AGE GROUPS

	Grand Total	Under 15		15-24		25-34		35-44		45-59		60 and Over		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Total number examined	676	50	37	40	58	55	66	52	74	85	96	30	33	312	364
Number found to be abnormal ..	22 or 3.26%	1	-	2	2	1	1	2	1	5	4	-	3	11	11
Classification of abnormal cases :—															
(a) Pulmonary Tuberculosis	1 or 0.15%	-	-	-	-	-	-	1	-	-	-	-	-	1	-
(b) Requiring further observation	6 or 0.89%	1	-	1	1	-	1	1	1	-	-	-	-	3	3
(c) Other abnormalities of the chest	15 or 2.22%	-	-	1	1	1	-	-	-	5	4	-	3	7	8

MASS RADIOGRAPHY SERVICE

DETAILS OF MASS RADIOGRAPHY SURVEY OF LLANFAIRFECHAN GENERAL POPULATION AND SCHOOL-CHILDREN JANUARY 1954

DETAILS OF OTHER ABNORMALITIES.

					Male	Female	Total
Healed Primary Pulmonary Tuberculosis					1	2	3
Healed Post Primary Pulmonary Tuberculosis					1	4	5
Pulmonary Fibrosis					-	1	1
Bronchiectasis					2	-	2
Pneumoconiosis—							
Stage I					2	-	2
Cardio-vascular disease—Acquired					1	-	1
Scoliosis					-	1	1
TOTALS					7	8	15

SANITARY INSPECTOR'S ANNUAL REPORT FOR 1954

Mr. EVAN WILLIAMS, C.R.S.T., A.F.S. (Eng.)

WATER SUPPLY.

The supply from Aber Lake and Carmanain Reservoir proved adequate throughout the year. The proposed new schemes of improvement to the supply has not yet been finally approved.

SEWERAGE.

The usual inspections and periodical cleaning of the sewers were carried out. The outfall main sewer was repaired.

PUBLIC SANITARY CONVENIENCES.

All Conveniences are cleaned daily, and three times daily during the summer months.

SCAVENGING.

The main roads are cleaned daily, and other roads once weekly.

HOUSE REFUSE.

House refuse is collected weekly by the Council's own refuse vehicle and staff.

DISINFECTION.

During the year one house was disinfected.

HOUSING.

Twenty-two houses are in course of erection, and will be ready for occupation early in the new year.

SLAUGHTER HOUSES.

Three private slaughter houses were granted licences, and one only is in use, Slaughtering takes place on two days a week, and on other days when due notice of slaughtering is given. All carcasses and offal are inspected prior to leaving the slaughter house.

MEAT, MILK AND OTHER FOODS.

All food shops, and other premises connected with the preparation of food are periodically inspected. The following were voluntarily surrendered as unfit for human consumption.

134 lbs. Beef.
96 lbs. Pork.
56 lbs. Cooked Ham.
6 lbs. Cooked Veal.
6 lbs. Ox Tongue.

4 lbs. Luncheon Meat.
11 Sheep Livers.
1 Ox Liver
14 lbs. Frozen Eggs.
14 Tins Fruit.

PENMAENMAWR URBAN DISTRICT.

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

REGULATED ESTABLISHMENTS

Those premises situated within the District.	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
	1	2	3	4	5	6	7	8	9	10
	1954	1953	1954							
Cowsheds & Farm Dairies..	9	9	-	-	-	-	-	-	-	-
Retailing Milk Carts ..	8	8	-	-	-	-	-	-	-	-
Milk Shops (Dairy Shop.)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House*..	3	3	20	1	1	1	-	-	-	-
Meat Shops	5	5	26	3	3	1	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	3	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops	17	17	6	-	-	-	-	-	-	-
Retailing Bread Vans ..	2	2	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	6	6	7	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	14	14	8	-	-	-	-	-	-	-
Workplaces	20	20	5	-	-	-	-	-	-	-
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	-	-	-
B.—Occupying premises outside the District, and importing milk into the District	-	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	1	1	1
Licensed	2	2	2
Total on Register	3	3	3

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954

The estimated population furnished by the Registrar General for June 1954 is 4090 compared with 4120 in 1953.

The Birth Rate is 10.76 per 1,000 of the population in 1954 compared with 10.92 in 1953 and 14.93 per 1,000 of the population in 1952.

The Infantile Mortality Rate is 22.73 per 1,000 live births compared with 44.44 in 1953 and 16.4 per 1,000 live births in 1952.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3.)

The General Death Rate is 18.09 per 1,000 of the population compared with 15.60 in 1953 and 11.74 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is 0.49 per 1,000 of the population compared with 0.72 in 1953 and Nil per 1,000 of the population in 1952.

The Death Rate from Cancer is 3.42 per 1,000 of the population compared with 2.67 in 1953 and 1.71 per 1,000 of the population in 1952.

NOTIFICATIONS OF INFECTIOUS DISEASES.

During 1954, 28 cases of infectious diseases were notified viz., 9 Whooping Cough ; 18 Measles one pneumonia.

NUMBERS OF CASES IN AGE GROUPS OF MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES			
	Measles		Whooping Cough	
	M	F	M	F
Under 1 year	1	-	-	1
1— 2 years	1	2	-	3
3— 4 years	1	2	2	-
5— 9 years	3	7	1	2
10—14 years	1	-	-	-
15—24 years	-	-	-	-
25 years	-	-	-	-
Age unknown	-	-	-	-
Totals	7	11	3	6

WELSH REGIONAL HOSPITAL BOARD—MASS RADIOGRAPHY SERVICE
ANALYSIS OF THE FINDINGS OF THE MASS RADIOGRAPHY SURVEY AT PENMAENMAWR—GENERAL
POPULATION AND SCHOOLCHILDREN—FEBRUARY 1954.

TABLE 'A'—ANALYSIS IN AGE GROUPS

	Grand Total	Under 15		15-24		25-34		35-44		45-59		60 & over		Totals	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Total number of persons Examined.															
Normal and Abnormal	863	21	22	57	71	63	94	72	93	123	151	46	50	382	481
Total number found to be abnormal	44 or 5.10%	3	-	-	2	-	2	5	4	11	6	7	4	26	18
Referred to Chest Clinic for further investigation	16 or 1.85%	3	-	-	2	-	1	2	1	5	1	-	1	10	6
Other abnormalities of the Chest ..	28 or 3.25%	-	-	-	-	-	1	3	3	6	5	7	3	16	12

MASS RADIOGRAPHY SERVICE.
DETAILS OF MASS RADIOGRAPHY SURVEY OF PENMAENMAWR GENERAL POPULATION AND SCHOOL-
CHILDREN. FEBRUARY 1954.

TABLE 'B'
DETAILS OF OTHER ABNORMALITIES

	Male	Female	Total
Healed Post Primary Pulmonary Tuberculosis ..	6	5	11
Healed Primary Pulmonary Tuberculosis	1	1	2
Pulmonary Fibrosis	1	1	2
Bronchitis and Emphysema	1	-	1
Bronchiectasis	1	-	1
Pleural Thickening	1	1	2
Basal Fibrosis	-	1	1
Pneumoconiosis—Stage 1	1	-	1
Bony Abnormality	4	3	7
TOTALS :	16	12	28

REPORT OF SANITARY INSPECTOR & SURVEYOR
A. CROWTHER, M.S.I.A., M.R., SAN.I.

WATER SUPPLY.

The water supply was generally satisfactory in 1954. No emergency supplies were necessary and reservoirs kept full almost all the year due to the wet summer. The Council however, decided to implement a waste detection scheme to find and repair the large number of bursts on Council mains and house service pipes.

This waste detection scheme was commenced towards the end of the year.

The two schemes of duplicating 1000 yards of mains completed in 1953 resulted in certain properties, which has received only a meagre supply in the summer months, receiving a constant and adequate supply all the year.

The whole district is now well served with a piped supply with the exception of just a few detached farms on high ground which are above the reservoir altitude.

SEWERS.

The system of regular inspection, flushing etc., inaugurated in 1952 was continued and no serious blockage occurred. One property, liable to back-flooding when the high level sewer was temporarily overloaded due to storm water, was disconnected from the high level sewer and connected to the low level sewer. No further flooding has occurred since.

REFUSE COLLECTION.

The Council decided for the first time to charge for the collection of Trade Refuse from shops. Despite some early opposition by a few tradespeople the principle has been accepted and the service now operates smoothly. A twice weekly collection of Trade Waste is made and a weekly collection of house refuse.

During the year the problem of disposing of ashes from the Incinerator, which was inevitable, had to be met due to all the ground in the vicinity being used. It was decided to reopen the tip as a temporary measure pending the acquisition of a new and more suitable site.

HOUSING.

No new Council houses were built mainly due to the difficulties of finding a suitable site. The Council after careful examination of the list of applicants decided that 30 new houses were required. The Council at present own 244 houses.

CARAVAN SITES.

Subsequent to consideration of a joint report by the Medical Officer of Health and myself on the sanitary facilities at the existing caravan sites a list of model conditions was adopted to apply to all existing and all new caravan sites. The site owners were notified accordingly that the issue of licences under Sec. 269 of the Public Health Act 1936 would in future be dependant upon the site complying with all the conditions.

ICE CREAM.

Two licences for the sale of Ice Cream were issued during the year. No new licences for manufacturing premises were issued.

The register at present is—

Manufacturers of Ice Cream	..	..	2
Sale of Ice Cream	..	..	27

FOOD INSPECTION.

One private slaughterhouse was re-opened in July after structural improvement on cessation of Centralised Slaughtering and this private slaughterhouse was used jointly by the three local butchers. Slaughtering invariably is carried out during the evenings and inspection is made the following morning. A 100% inspection service was maintained.

<i>Number of Animals Slaughtered.</i>					<i>Weight of Meat Condemned.</i>		
Cattle	..	..	..	75	Tuberculosis	..	180 lbs.
Sheep	..	..	..	1695	Other Diseases	..	45 lbs.
Pigs	..	..	..	70			
Calves	..	..	..	32	Total	..	225 lbs.

All condemned meat is removed from the premises, taken to the Council's incinerator and burnt.

Tinned foodstuffs voluntarily surrendered during the year were as follows :—

Milk	36 Tins
Fruit	111 Tins.
Beans	6 Tins.
Soups	2 Tins.
Vegetables	28 Tins.
Fish	5 Tins.
Meat	52 Tins.
WEIGHT—210 lbs.	

FOOD PREMISES.

Fruit and Vegetables	8
Cafe and Restaurants	10
Grocers	13
Butchers	5
Wet Fish	3
Fried Fish	3

All food premises are inspected periodically and some improvements have been carried out during the year, but some premises still fall short of requirements of Sec. 13 of the Food and Drugs Ac/ 1938 particularly with regard to the provision of hot water.

NANT CONWAY RURAL DISTRICT

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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
	1954	1953	1954							
Cowsheds & Farm Dairies	-	-	-	-	-	-	-	-	-	-
Retailing Milk Carts ..	22	22	12	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
*Private Slaughter House ..	3	-	1	-	-	-	-	-	-	-
Meat Shops ..	5	5	30	-	-	-	-	-	-	-
Retailing Meat Carts ..	6	6	21	-	-	-	-	-	-	-
Factory Bakehouses ..	1	5	8	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops ..	17	17	12	-	-	-	-	-	-	-
Retailing Bread Vans ..	3	4	8	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	10	14	21	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	3	3	6	-	-	-	-	-	-	-
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	-	56	132
B.—Occupying premises outside the District, and importing milk into the District	3	2	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered—only	-	-	-
Licensed	-	-	3
Total on Register	-	-	3

Note.—The District is without a Public Abattoir.

*Private Slaughter Houses in use.

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954

The estimated population furnished by the Registrar General for June 1954 is 6060 compared with 6107 in 1953.

The birth Rate is 16.83 per 1,000 of the population in 1954 compared with 12.88 in 1953 and 14.08 per 1,000 of the population in 1952.

The Infantile Mortality Rate is 37.03 per 1,000 live births compared with 25.64 in 1953 and 11.62 per 1,000 live births in 1952.

There were No deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3).

The General Death Rate is 10.73 per 1,000 of the population compared with 11.06 in 1953 and 13.10 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is 0.99 per 1,000 of the population compared with 0.33 in 1953 and 0.81 per 1,000 of the population in 1952.

The Death Rate from Cancer is 1.65 per 1,000 of the population compared with 1.81 in 1953 and 2.12 per 1,000 of the population in 1952.

NUMBERS OF CASES IN AGE GROUPS OF INFECTIOUS DISEASES, MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES			
	Measles		Whooping Cough	
	M	F	M	F
Under 1 Year	-	-	-	1
1—2 years	-	1	1	1
3—4 years	1	-	1	4
5—9 years	8	1	5	10
10—14 years	-	-	-	1
15—24 years	-	-	-	-
25 & over	-	-	-	-
Age unknown	-	-	-	-
Totals	9	2	7	17

SANITARY INSPECTOR'S REPORT
(Mr. C. A. KORTEGAS, M.S.I.A.)

WATER SUPPLY

LOWER CONWAY VALLEY SCHEME. Five small extensions schemes were commenced during the year to supply a small isolated group of houses with water.

TREFRIW. No shortage occurred during the year, but daily consumption per head is still abnormal. The Council have approved the Consultant Engineers report on an improvement scheme which it is hoped will be put into operation during 1955.

SEWERAGE AND SEWAGE DISPOSAL.

ROWEN. Approval has been received for a scheme to serve this village.

HENRYD. The village sewerage scheme was completed during the year.

REFUSE COLLECTION.

Difficulty is being experienced in obtaining sites suitable for use as refuse tips, necessitating long hauls, thereby increasing the cost and causing serious delays in collection of refuse.

HOUSING

12 new houses were completed during the year at Henryd.

OGWEN RURAL DISTRICT.

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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 Inform 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
	1954	1953	1954							
Cowsheds & Farm Dairies..	143	148	68	-	-	-	-	-	-	-
Retailing Milk Carts ..	12	12	35	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops	2	2	42	-	-	-	-	-	-	-
Retailing Meat Carts ..	7	6	40	-	-	-	-	-	-	-
Factory Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops	4	4	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	5	4	6	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	9	9	16	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries)	-	-	-	-	-	-	-	-	-	-
Workplaces	1	1	1	-	-	-	-	-	-	-
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	-	25	123
B.—Occupying premises outside the District, and importing milk into the District	-	-	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	-	-	-
Licensed	-	-	-
Total on Register	-	-	-

SUMMARY OF VITAL STATISTICS FOR THE YEAR 1954

The estimated population furnished by the Registrar General for June 1954 is 4930 compared with 4904 in 1953.

The Birth Rate is 14.20 per 1,000 of the population in 1954 compared with 20.38 in 1953 and 13.49 per 1,000 of the population in 1952.

The Infantile Mortality Rate is 28.57 per 1,000 live births compared with 40.0 in 1953 and 30.31 per 1,000 live births in 1952.

There were No Deaths from Zymotic Diseases. (For Zymotic Diseases see Tables 2 and 3.)

The General Death Rate is 19.06 per 1,000 of the population compared with 13.87 in 1953 and 13.28 per 1,000 of the population in 1952.

The Death Rate from Tuberculosis is 1.01 per 1,000 of the population compared with 0.40 in 1953 and 0.61 per 1,000 of the population in 1952.

The Death Rate from Cancer is 2.84 per 1,000 of the population compared with 1.42 in 1953 and 2.04 per 1,000 of the population in 1952.

NOTIFICATION OF INFECTIOUS DISEASES.

During 1954, 19 cases of infectious diseases were notified viz., 3 Whooping Cough ; 12 Measles. 1 Pneumonia ; 3 Erysipelas.

NUMBERS OF CASES IN AGE GROUPS OF MEASLES AND WHOOPING COUGH.

Age Group	NUMBER OF CASES			
	Measles		Whooping Cough	
	M	F	M	F
Under 1 year	—	—	—	—
1—2 years	2	2	—	—
3—4 years	1	2	—	—
5—9 years	—	4	—	3
10—14 years	—	—	—	—
15—24 years	—	—	—	—
25 and over	—	—	—	—
Age unknown	1	—	—	—
Totals	4	8	—	3

OGWEN RURAL DISTRICT COUNCIL

REPORT OF SANITARY INSPECTOR FOR THE YEAR 1954

WATER SUPPLY

Water-main extensions to the lower area of Mynydd Llandegai and Aberpwll were completed during the year.

There does not now appear to be any apparent reason why work on the proposed new water scheme for the Aber District should not be commenced in the very near future.

SEWERAGE.

It is probable that work will soon be commenced on the new sewerage scheme for the Penrhos District.

Up to the present 148 properties have been connected to the Tregarth sewers.

HOUSING

Ten Council Houses were completed during the year.

It is said that the Penrhyn Estate will soon be selling a considerable number of their properties. If this does take place, the rate of connecting houses to the new sewers in the Tregarth District should be on the increase.

Work is in progress on four properties where 'Improvement Grants' have been made available.

FOOD

Food is sold from twenty-seven premises in the area. Four of these have been granted the Certificate of the County's Clean Food Association.

No animals are slaughtered within the area. Meat is mainly imported from adjoining districts.

All unsound food, which is normally voluntarily surrendered, is disposed of by the Council.

RODENT CONTROL.

Since the Ministry of Agriculture has ceased to operate in the destruction of rats, it is the intention of the Bethesda and Ogwen Councils to jointly consider employing one full time operator.

PUBLIC SCAVENGING.

The work is satisfactorily carried out by contracts. No provision is made for the collection of night soil and this is causing some inconvenience in one small locality.

DISINFECTION AND DISINFESTATION.

In cases of infectious diseases disinfection is carried out and disinfectant supplied. The Council compensates in cases of tuberculosis where destruction of bedding is considered necessary.

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 fifteen 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
	1954	1953	1954							
Cowsheds & Farm Dairies..	30	30	10	-	-	-	-	-	-	-
Retailing Milk Carts ..	15	14	29	1	1	1	-	-	-	-
Milk Shops (Dairy Shops)	3	3	6	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	700	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops	14	14	20	1	1	1	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	11	10	10	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	-	-	-	-	-	-	-	-	-
Bread Shops	22	22	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	6	6	20	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries.. .. .	93	93	50	-	-	-	-	-	-	-
Workplaces	1	1	4	-	-	-	-	-	-	-
Home-Workers' Premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades	1	1	40	1	1	1	-	-	-	-
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	-	5	15
B.—Occupying premises outside the District, and importing milk into the District	-	3	0

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	<i>In Dec. 1952</i>	<i>In Dec. 1953</i>	<i>In Dec. 1954</i>
Registered only	-	-	-
Licensed (The Public Abattoir).. .. .	1	1	1
Total on Register	1	1	1

Note.—The District possesses a Public Abattoir. All the Gwyrfai Rural District is supplied.

SUMMARY OF VITAL STATISTICS FOR 1954.

The Estimated population for 1954 was 9,300, compared with 9,327 in 1953.

The Birth Rate per 1,000 population was 15.48 as compared with 15.5 in 1953. The 1954 rate for England and Wales was 15.2. The number of illegitimate births (live) recorded during the year was 6; one less than in 1953.

The General Death Rate was 11.72 per 1,000 population compared with 14.0 in 1953. The rate for England and Wales was 11.72.

There were no deaths from Maternal Causes in 1954. There was one death in 1953.

As in 1952 and 1953 there was no Zymotic Mortality.

The Infant Mortality Rate was 20.84 per 1,000 live births compared with 20.6 in 1953.

Three deaths were caused by Tuberculosis, one less than in 1953. The Rate per 1,000 population was 0.32. The Rate for England and Wales was 0.179.

There were 25 deaths caused by Cancer, three less than 1953. The 1954 Rate was 2.86 compared with 3.00 in 1953. The 1954 Rate for England and Wales was 2.035.

There were no deaths caused by Influenza during 1954. There was one death in 1953. The Mortality Rate for England and Wales during 1954 was 0.04.

INFECTIOUS DISEASES

The following cases were notified during the year :—

Age Group	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year					2	
1— 2 years					9	8
3— 4 years	2	1	3		11	13
5— 9 years	1	1	2		13	15
10—14 years			1		1	
15—24 years						
25 and over						
Age unknown						
Totals	3	2	5	0	36	36

Age Group	Dysentery		Food Poisoning	
	M	F	M	F
Under 5 years ..	1		1	1
5—14 years ..	2		18	1
15—44 years ..			1	3
45—64 years ..			1	
Over 65 years				
Age unknown ..				
Totals ..	3		21	5

5 cases of Chicken Pox were also notified.

SANITARY INSPECTORS REPORT FOR THE YEAR 1954.

R. E. PRITCHARD.

PUBLIC ABATTOIR.

The Ministry of Food's Control Scheme for the slaughter of animals came to an end on July 3rd. From that day onward the 'throughput' at the abattoir increased considerably and it was seen that immediate steps would have to be taken in the way of mechanisation, i.e. electric saws, hoist etc. Some delay was experienced but the equipment mentioned was installed and in working order by March 1955. The Health Committee are at present considering further improvements to the abattoir.

ANIMALS SLAUGHTERED

Beasts ..2428 Calves ..2114 Sheep ..33203 Pigs ..11961

CARCASES INSPECTED AND CONDEMNED

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed (if known)	2428	2114	33203	11961
Number inspected	2428	2114	33203	11961
All diseases except Tuberculosis—Whole carcasses condemned	50	67	86	17
Carcases of which some part or organ was condemned ..	889	—	2250	986
Percentage of the number inspected affected with disease other than tuberculosis	16.68	3.16	6.78	8.25
Tuberculosis only—				
Whole carcasses condemned	20	—	—	5
Carcases of which some part or organ was condemned	103	—	—	405
Percentage of the number inspected affected with tuberculosis	4.24	—	—	3.38

CATTLE.

39	Carcases and all offal	..	..	..	Oedema/Emaciation.
20	Carcases and all offal	..	..	..	Generalized Tuberculosis.
3	Carcases and all offal	..	..	..	Septic Pneumonia
2	Carcases and all offal	..	..	..	Septic Pericarditis.
3	Carcases and all offal	Other Causes.

BONE TAINT.

Imported	..	135 lbs.	Home Killed	..	22 lbs.
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CATTLE—Continued.

6	Forequarters	Localised Tuberculosis.
2	Hindquarters	Fractured Pelvis.
151	Heads and Tongues	..	..	..	Localised Tuberculosis.
18	Heads and Tongues	..	..	..	Actinomycosis.
72	pairs of Lungs	..	..	..	Localised Tuberculosis.
10	Udders	..	..	..	Mammitis.
8	Portions or trimmings	..	..	..	Bruising.
570	Livers	..	..	..	Angioma/Cysts/Cirrhosis/Abscesses
338	Part Livers	..	..	..	Fluke.
10	Tripes	..	..	..	Inflammation/Decomposition.

SHEEP AND LAMBS.

50	Carcases and all offal	..	..	..	Oedema/Emaciation.
14	Carcases and all offal	..	..	..	Injuries/Bruising.
11	Carcases and all offal	..	..	..	Septic Conditions.
5	Carcases and all offal	..	..	..	Moribund.
6	Carcases and all offal	..	..	..	Dropsy/Febrile.
10	Portions and Trimmings	..	..	..	Bruising/Tumours.
1250	Plucks	..	..	..	Cystic Conditions, etc.
454	Livers	..	..	..	Fluke/Abscesses/Cysts.
67	Other Organs	..	..	..	Abnormal Conditions.

PIGS.

2	Carcases and all offal	..	..	..	Oedema and Emaciation.
7	Carcases and all offal	..	..	..	Toxaemia/Febrile.
5	Carcases and all offal	..	..	..	Generalized Tuberculosis.
1	Carcase and all offal	..	..	..	Swine Erysipelas.
2	Carcases and all offal	..	..	..	Moribund.
6	Hindquarters	..	..	..	Athritis.
73	Heads	..	..	..	Localised Tuberculosis.
21	Plucks	..	..	..	Cystic Conditions.
39	Livers	..	..	..	Abscesses/Necrosis.
28	Other Organs	..	..	..	Abnormalities.

CALVES.

14	Carcases and all offal	..	..	..	Oedema/Emaciation.
45	Carcases and all offal	..	..	..	Immature.
3	Carcases and all offal	..	..	..	Umbilical Pyaemia.
3	Carcases and all offal	..	..	..	Extensive Bruising.
2	Carcases and all offal	..	..	..	Moribund.
41	Other Organs	..	..	..	Abnormal Conditions.

OTHER FOODSTUFFS

The following foodstuffs were voluntarily surrendered by wholesalers and other food shops in the town.

Peas, 178 tins ; Baked Beans, 45 tins ; Tinned Meat 264 tins ; Milk, 210 tins ; Meat Soups, 38 tins ; Tinned Fruit, 544 tins ; Tinned Fish, 60 ; Tomatoes 45 ; Vegetables, 25 tins ; Boiled Ham 13 tins (176½ lbs.) ; Cheese 20 lbs. ; Fish 19 stone ; Pressed Pork, 35 tins (210 lbs.) ; Flour 36 lbs. ; Raisins 28 lbs. ; Bacon 6 lbs. ; Prunes 10 Boxes ; (275 lbs.) Dripping 18 lbs.

DISINFECTION.

All premises where a case of infectious disease had been notified were fumigated with formaldehyde gas. The homes of tubercular patients removed to hospital were similarly treated.

DRAINAGE.

The testing of drains laid to serve new houses, factories etc., is carried out by the Public Health Department. During the year the drainage for four new houses was tested and found satisfactory. Several notices were served on the owners of houses to clear choked drains and in one case a drain that served five houses and was continually giving trouble was attended to by the Surveyor's Department.

FOOD HYGIENE.

Whenever possible, visits were made to Shops, Cafes, Restaurants, Butchers Shops, fishmongers etc., in order to ascertain whether a reasonable standard of hygiene was being maintained. The general standard was fairly good, but because of the demand at the Abattoir, the time needed for this work was not available. It is hoped that when the "teething" troubles have been overcome at the Abattoir a systematic inspection of all food premises will be possible.

RODENT CONTROL.

A rodent control service is maintained by the Council. During the year Shops, Cafes, Hotels Industrial premises and private houses have received attention. A free service is given to private dwelling houses, whilst a charge is levied on all other premises.

HOUSES ERECTED IN THE BOROUGH.

UNITY BUNGALOWS—6. TRADITIONAL HOUSES—26. PRIVATE HOUSES—4.

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 appertaining in common to all the fifteen 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>Parveyors from outside the District</i>
	1 1954	2 1953	3 1954	4	5	6	7	8	9	10
Cowsheds & Farm Dairies	14	15	20	-	-	-	-	-	-	-
Retailing Milk Cars ..	3	3	10	-	-	-	-	-	-	3
Milk Shops (Dairy) ..	-	-	-	-	-	-	-	-	-	-
Public Slaughter-house ..	NOT IN USE		-	-	-	-	-	-	-	-
Private Slaughter-house ..	-	-	-	-	-	-	-	-	-	-
Meat Shops ..	4	4	16	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	5	5	22	-	-	-	-	-	-	-
Workshop do. ..	-	-	-	-	-	-	-	-	-	-
Bread Shops ..	7	7	40	-	-	-	-	-	-	-
Retailing Bread Vans ..	4	4	10	-	1	1	-	-	-	-
Factories (including Bake-houses & Laundries) ..	5	5	6	-	-	-	-	-	-	-
Workshop (including Bake-houses and Laundries) ..	16	26	8	-	-	-	-	-	-	-
Workplaces ..	-	-	-	-	-	-	-	-	-	-
Home-workers premises ..	-	-	-	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

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

SLAUGHTER-HOUSES IN PAST AND PRESENT Use.

	<i>In December 1952</i>	<i>In December 1953</i>	<i>In December 1954</i>
Registered only	—	—	—
Licensed (The Public Abattoir)	—	—	—
Total in Register	—	—	—

(Slaughter house destroyed by fire during year)

SUMMARY OF VITAL STATISTICS FOR 1954

The Estimated population for 1954 was 1,510, as compared with 1,498 in 1953.

The Birth Rate, per 1,000 population was 19.20 as compared with 13.4 in 1953. The Birth Rate for England and Wales was 15.2.

The General Death Rate, per 1,000 population was 16.55 as compared with 12.6 in 1953. The Rate for England and Wales was 11.3.

As in 1952 and 1953 there was no Maternal Mortality.

The Infant Mortality rate, per 1,000 live births, was 34.48, compared with 25.5 for England and Wales. There were no Infant deaths in 1953.

There was no Zymotic Mortality.

One death was caused by Tuberculosis making a Mortality Rate, per 1,000 population of 0.66. There was no Tubercular Mortality in 1953. The 1954 Rate for England and Wales was 0.179.

In 1954, 6 deaths were caused by Cancer, three more than in 1953. The Rate, per 1,000 population was 3.97 compared with 1.87 in 1953. The Rate for England and Wales was 2.035.

Age Group	NUMBER OF CASES					
	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year						
1— 2 years					4	
3— 4 years	1			1	3	2
5— 9 years	1					
10—14 years						
15—24 years						
15 and over						
Age unknown						
Totals	2			1	7	2

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1954

(MR. S. L. THOMAS)

WATER SUPPLY.

The water supply was again inadequate during the latter part of July and the beginning of August, but considerable progress was made during the year towards improving it.

All the sluice, scour and air valves have been located and reconditioned, and are now in perfect working order and during the month of October a length of 866 yards was re-bored and relined with a resultant increase in flow to the town of 2,000 gallons per hour. As a result of this and consultations with our Water Engineers, a series of tests were commenced towards the latter part of the year to isolate the built up areas of the main trunk main and encouraging results were obtained from those done by the end of December.

The Council constructed a break pressure tank that has reduced the pressure in the over half of the town by approximately one-third and thus reduced the wastage of water through small leakages.

Meanwhile the work of detecting leaks and wastage of water between the hours of 11 p.m. and 4 a.m. was continued. 1490 visits were made during the year.

SEWAGE.

Beyond a few blocked drains in the Council house Estates no trouble was experienced during the year.

26 visits were made.

SCAVENGING.

All roads were swept daily throughout the town except the Caernarvon Road which was swept once every two days. Again extra waste paper buckets were installed in the town.

REFUSE COLLECTION AND SALVAGE.

The efficient system of refuse collection was again maintained with overtime being worked during the season to give the Hotels an extra service during the height of the season.

The sale of salvage is still discontinued although a service is still maintained for the business premises.

RODENT CONTROL.

Again this year only the essential services and complaints were dealt with due to the extra work being done on water supplies.

OTHER FOOD INSPECTION.

The following foodstuffs were found to be blown, damaged or decomposed in shops and hotels and were considered as unfit for human consumption ; surrender notes being issued.

28 tins of Ham.	3 Tins of Tomatoes.
8 tins of Meat.	6 packets of Soup.
8 tins of Tongue.	1 tin of Soup.
7 tins of Brawn.	5 tins of Eggs.
12 tins of Corned Beef.	7 tins of Full Cream Condensed Milk.
1 tin of Steak and Kidney.	19 Tins of Evaporated Milk.
7 tins of Pears	13 tins of Celery Hearts.
5 tins of Apples.	8 tins of Beetroot.
3 tins of Cherries.	30 tins of Shrimps.
22 tins of Apricots.	4 tins of Salmon.
24 tins of Grapefruit.	6 tins of Pilchards.
7 tins of Mandarin Oranges.	3 tins of Morfat.
5 tins of Peaches.	28 lbs. of Bacon.
19 tins of Fruit Salad.	16 lbs. of Chocolate.
7 tins of Pineapple.	28 lbs. of Pears.
10 tins of Tomato Puree.	198 Oranges.

FOOD INSPECTION.

The existing high standard of food handling was maintained this year in Criccieth, one shop being re-fitted with hygiene appliances and fittings. Efforts are being made to include the few remaining shops in the County Council's Scheme for the clean handling of food.

There was a considerable drop in the number of tins of ham that were surrendered during the year. 109 visits were made during the year.

PUBLIC CONVENIENCES.

The Conveniences are cleaned every morning throughout the year with re-visits during the day by the part time attendant during the Summer season. All the interior woodwork was repainted by direct labour, new automatic locks were fitted and in some cases new W.C. pans and cisterns replacing the older and defective types.

GENERAL.

The Council's Miniature Golf Course and Bowling Green still continues to be an attraction during the holiday season and little extras have been added to the golf course to help the people that play on it.

Twelve cases of Infectious Diseases occurred during the year and very few premises were disinfected although this is carried out free of charge on request.

The Council still have only five permanent workmen with one extra workman employed for the Summer months. Most of their time during the Winter months was spent on cutting to the water main and making flow checks.

PWLLHELI BOROUGH (CAERNARVONSHIRE).

Besides these pages special y devoted to this District, equally important matter elating to th District is contained in the Introductory Report, and in the series of Large Tables a pper-
taining in common to all the fifteen Combined Di tricts.

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
	1954	1953	1954							
Cowsheds & Farm Dairies..	11	13	8	-	-	-	-	-	-	-
Retailing Milk Carts ..	9	10	18	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	1	1	356	-	-	-	-	-	-	-
Private Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Meat Shops	14	12	56	3	3	3	-	-	-	-
Retailing Meat Carts ..	6	4	12	-	-	-	-	-	-	-
Factory Bakehouses	8	9	18	-	-	-	-	-	-	-
Workshop Bakehouses }										
Bread Shops	16	17	22	-	-	-	-	-	-	-
Retailing Bread Vans ..	7	7	7	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	-	-	-	-	-	-	-	-	-	-
Factories with Power ..	30	33	32	2	2	2	-	-	-	-
Factories without Power ..	1	1	2	-	-	-	-	-	-	-
Workplaces	-	-	-	-	-	-	-	-	-	-
Home-Workers' Premises	-	-	-	-	-	-	-	-	-	-
Offensive Trades ..	-	-	-	-	-	-	-	-	-	-
Common Lodging Houses	-	-	-	-	-	-	-	-	-	-

<i>Milk Dealers on Register.</i>	<i>Retailing only.</i>	<i>Retailing & Producing..</i>	<i>Who eselling & Producing</i>
A.—Occupying premises within the District, and sell- ing milk within, or outside, or both	1	-	11
B.—Occupying premises outside the District, and importing milk into the District	2	3	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	-	-	-
Licensed (The Public Abattoir)	1	1	1
Total on Register	1	1	1

Note.—Public Abattoir only now in use

SUMMARY OF VITAL STATISTICS FOR 1954

The Estimated population for 1954 was 3,760, an increase of 18 compared with 1953.

The Birth Rate, per 1,000 of the population was 12.23 the same as in 1953. The Birth Rate for England and Wales was 15.2.

The General Death Rate, per 1,000 population, was 21.80, compared with 21.6 in 1953. The Rate for England and Wales in 1954 was 11.3.

As in 1952 and 1953 there was no Maternal Mortality.

There was no Zymotic Mortality.

There were no Infant Deaths during 1954. The Mortality Rate for 1953 was 108.6. The 1954 Rate for England and Wales was 25.5.

Two deaths were caused by Tuberculosis making a Rate per 1,000 of the population, of 0.53. The Rate for England and Wales was 0.179.

Eleven deaths were caused by Cancer, six less than in 1954. The Mortality Rate, per 1,000 population, was 2.92 compared with 4.54 in 1953. The 1954 rate for England and Wales was 2.035.

As in 1953 no Deaths were caused by Influenza.

INFECTIOUS DISEASES

The following cases were notified during the year.

<i>Age Group</i>	<i>Measles</i>		<i>Whooping Cough</i>		<i>Poliomyelitis</i>	
	M	F	M	F	M	F
Under 1 year ..						
1— 2 years ..						
3— 4 years ..	I		I			I
5— 9 years ..						
10—14 years ..						
15—24 years ..						
25 and over ..						
Age unknown ..						
Total	I		I			I

Age Group	Acute Pneumonia		Erysipelas	
	M	F	M	F
Under 5 years				
5—14 years				
15—44 years		1		
45—64 years		1		
65 and over	3	3	1	
Age unknown				
Total	3	5	1	

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1954'
ERNEST JONES, M.S.I.A.

WATER SUPPLY

SOURCES.

Murcwyp—Springs.
Cwmceiliog—Upland Surface.

TREATMENT.

Chlorination.
Chlorination and Soda Ash.

The town had an uninterrupted supply of water throughout the year and good pressures were maintained in all parts.

A large number of valves were replaced, this being part of the Council's programme to replace all old valves so as to divide the town into sections in order to facilitate investigations into the heavy night flow.

Plans have been approved for the relaying of the existing 2 inch main with a new 3 inch main in the village of Abererch. This work will be carried out during the next financial year.

SEWERAGE.

No major trouble was experienced during the year. 180 yards of the Penrhydliniog—Maes section was cleared of silt.

HOUSING.

20 permanent houses were completed on the Ffordd Mela Estate, and layout and house plans are being prepared for a further 46—three-bedroomed houses on this site.

Existing Council houses are maintained by the Council's own maintenance staff.

SCAVENGING.

Main streets are swept daily and other roads once or twice a week.

REFUSE COLLECTION.

Our refuse collection service was maintained as in previous years. All premises within the Borough are being cleared once a week, houses in the central area, shops and bakehouses twice a week. Extra collections are made from Fish Shops and Hotels during the summer months.

This service is fast becoming a heavy burden on the rates and in order to try and keep down the cost, my Council commenced making a small charge for the collection and removal of trade

refuse. As with all new schemes we have not met with the success one would desire, the main trouble being the definition of what constitutes "trade refuse."

INFECTIOUS DISEASES.

No serious epidemic occurred during the year. Disinfection is carried out following cases of infectious diseases. In cases of Tuberculosis where destruction of bedding is recommended, the Council make a contribution towards replacements.

RESEARCH ON PATHOGENESIS (SOIL ANALYSIS).

The Scientific Advisory Committee of the British Empire Cancer Campaign is still conducting its survey into all deaths from cancer in this area and at the request of the County Medical Officer of Health a number of soil samples were taken from specified houses and sent to the Agricultural Chemistry Department of the University College of North Wales for analysis.

RODENT CONTROL.

All sewers are treated twice annually and the refuse tip every three months. Systematic inspection of premises was carried out and good success derived from the use of Warfarin compounds. No major infestation was reported during the year.

PUBLIC CONVENIENCES.

The new 13 cubicle Ladies' Convenience at the Maes was completed during the year and the old Ladies' Convenience converted and added to the existing Gents' Convenience.

The Conveniences are cleaned by part-time attendants during the morning and revisited during the day time.

CARAVAN SITES.

There are two licensed Caravan Sites in the Borough and both have a mains supply of water and flush lavatories.

MEAT INSPECTION.

Under the Government Slaughtering and Meat Distribution Scheme, Pwllheli Abattoir was the slaughtering centre for the Borough of Pwllheli and the greater part of the Llein District and during the summer months for the Butlin's Camp.

When the Government scheme ended last July, the Abattoir reverted to its precontrol status and covers mostly the same area as under control and in the first few months of free trading in meat slaughtering was heavy, and a number of small contractors sprang up, who slaughtered in Pwllheli and sold the meat in the wholesale markets of Liverpool and Manchester.

Owing to the irregularity of slaughtering and the difficulty in confining the hours of slaughtering to the prescribed hours much evening slaughtering is carried out giving an additional burden and responsibility to me as Meat Inspector together with the many added extra hours of evening work.

356 visits were made to the Abattoir during the year and the total number of animals inspected and meat condemned is as follows :—

Animals inspected : Cattle 971 ; Sheep, 6599 ; Pigs, 1273 ; Calves, 363.

Meat condemned, 19,110½ lbs. of which 5,377 lbs. was due to Tuberculosis.

FOOD INSPECTION.

Regular inspection is made of food shops and food producing premises and a steady progress is to be seen.

Improvements have been carried out to a number of premises and also the installation of hot and cold running water in all of the bigger establishments.

The following foods were condemned as unfit for human consumption :—

47 tins Meat.	2 bottles Sauce.
63 tins Vegetables.	2 bottles Squash.
180 tins Fruit.	3 bottles Lemon Juice.

6 tins Fish.
117 tins Milk.
4 tins Soup.
4 tins Cream.
1 Tomato Juice.
1 tin Orange Juice.
1 tin Pineapple Juice.
2 tins Macaroni.
1 tin Spaghetti.
1 tin Steamed Pudding.
1 Bottle Pickles.
1 tin Browning.

1 Packet Sponge Mixture.
1 Packet Whole Bran.
2 Packets Cream Cakes.
1 jar Jam.
1 Pot Paste.
41 lbs. Ham.
12½ lbs. Pulped Apricots.
25 nets Savoy.
30 lbs. Cheese.
27 cartons Cheese.
32 Boxes Dates.
8 stone Herring.

ICE CREAM.

25 premises are registered to sell Ice Cream under the Food and Drugs Act, 1938.

7 samples were taken and submitted for Bacteriological examination all of which were classified as Grade 1, i.e., satisfactory.

PORTMADOC URBAN DISTRICT (CAERNARVONSHIRE)

Besides these pages specially devoted to this District, equally important matter relating to the District is contained in the series of Large Tables appertaining in common to all the 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
	1954	1953	1954							
Cowsheds & Farm Dairies..	27	29	22	-	-	-	-	-	-	-
Retailing Milk Carts ..	5	6	10	-	-	-	-	-	-	-
Milk Shops (Dairy Shops)	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	1	1	15	-	-	-	-	-	-	-
Meat Shops ..	9	9	25	-	-	-	-	-	-	-
Retailing Meat Carts ..	-	-	-	-	-	-	-	-	-	-
Factory Bakehouses ..	3	3	12	-	-	-	-	-	-	-
Workshop Bakehouses ..	2	5	8	-	-	-	-	-	-	-
Bread Shops ..	10	10	10	-	-	-	-	-	-	-
Retailing Bread Vans ..	2	4	6	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	28	32	28	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries..)	-	-	-	-	-	-	-	-	-	-
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 ..	-	26	-
B.—Occupying premises outside the District, and importing milk into the District ..	-	2	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only ..	1	1	1
Licensed ..	-	-	-
Total on Register ..	1	1	1

SUMMARY OF VITAL STATISTICS FOR 1954.

The estimated population for 1954 was 3,920 as compared with 3,742 in 1953.

The Birth Rate was 14.28 per 1,000 population as compared with 18.3 in 1953. The Rate for England and Wales was 15.2.

The General Death Rate for 1954 was 15.84 per 1,000 population as compared with 14.5 in 1953. The Rate for England and Wales was 11.3.

As in 1952 and 1953 there was no Maternal Mortality.

There were no Deaths from Zymotic Diseases during 1954, the same as in 1953.

The Infant Mortality Rate for 1954 was 17.85. There was no Infant Mortality in 1953. The 1954 Rate for England and Wales was 25.5.

Tuberculosis caused two deaths in 1954. There was one death in 1953. The 1954 rate was 0.51 compared with 0.25 in 1953. The 1954 rate for England and Wales was 0.179.

Four deaths were caused by Cancer compared with seventeen in 1953. The 1954 rate, per 1,000 population, was 1.02 as compared with 4.33 in 1953. The Rate for England and Wales was 2.035.

There was one death caused by Influenza, making a rate of 0.25. There were no deaths in 1953. The 1954 Rate for England and Wales was 0.04.

INFECTIOUS DISEASES.

The following cases were notified during the year.

Age Group	Whooping Cough		Measles	
	M	F	M	F
Under 1 year				
1— 2 years		1	1	
3— 4 years				1
5— 9 years	1	3	2	
10—14 years				
15—24 years				
25 and over				
Age unknown				
Totals	1	4	3	1

One case of Erisipelas was also notified.

REPORT OF THE SURVEYOR AND SANITARY INSPECTOR FOR THE YEAR 1954.

(LAURENCE DALE, M.R.S.I., M.S.I.A.)

HOUSING.

The housing needs have been mostly met with the 142 houses owned by the Council,

WATER SUPPLY.

The Portmadoc Waterworks Company has kept an adequate supply, even in the summer and almost all properties are receiving a piped supply.

SEWERAGE.

The new sewage disposal works is now functioning well and has made a considerable difference in preventing flooding in the lower portion of the town.

GENERAL.

Again the public health of the district is high—progress is steady in every direction.

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 fifteen 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
	1954	1953	1954							
Cowsheds & Farm Dairies ..	-	-	-	-	-	-	-	-	-	4
Retailing Milk Carts ..	27	36	27	-	-	-	-	-	-	-
Milk Shops (Dairy Shops) ..	-	-	-	-	-	-	-	-	-	-
Public Slaughter House ..	-	-	-	-	-	-	-	-	-	-
Private Slaughter House ..	2	1	2 to 4 days per week				-	-	-	-
Meat Shops ..	31	25	64	-	-	-	-	-	-	-
Retailing Meat Carts ..	15	16	26	-	-	-	-	-	-	-
Factory Bakehouses ..	20	18	21	-	-	-	-	-	-	-
Workshop Bakehouses ..	-	3	-	-	-	-	-	-	-	-
Bread Shops ..	82	90	-	-	-	-	-	-	-	-
Retailing Bread Vans ..	8	8	-	-	-	-	-	-	-	-
Factories (including Factory Bakehouses & Laundries)	97	101	71	-	-	-	-	-	-	-
Workshops (including Workshop Bakehouses and Laundries ..	4	4	3	-	-	-	-	-	-	-
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	-	-
B.—Occupying premises outside the District, and importing milk into the District ..	4	2	-

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	<i>In Dec. 1952</i>	<i>In Dec. 1953</i>	<i>In Dec. 1954</i>
Registered only (all in abeyance) ..	-	-	-
Licensed ..	1	1	2
*Total on Register ..	1	1	2

SUMMARY OF VITAL STATISTICS FOR 1954

The Estimated population for 1954 was 23,270 as compared with 23,440 in 1953.

The Birth Rate, per 1,000 of population was 13.79 as compared with 13.3 in 1953. The Birth Rate for England and Wales was 15.2.

The General Death Rate, per 1,000 of population was 15.68 as compared with 14.1 in 1953. The Rate for England and Wales was 11.3.

As in 1953, there was one death from Maternal causes making a rate of 3.11 per 1,000 live births. The Rate for England and Wales was 0.69.

One Death was caused by a Zymotic Disease (Whooping Cough) making a Rate of 0.04. There was no Zymotic Mortality in 1953.

Sixteen deaths were caused by Tuberculosis (Pulmonary and Non-Pulmonary), one more than in 1953. The 1954 Rate, per 1,000 of population, was 0.68, compared with 0.63 in 1953. The Rate for England and Wales for 1954 was 0.179.

Seventy deaths were caused by Cancer, one more than the previous year. The 1954 Rate was 3.00 compared with 2.92 in 1953. The Rate for England and Wales was 2.035.

As in 1953 there was no Influenza Mortality.

INFECTIOUS DISEASES.

The following cases were notified during the year.

Age Group	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year					1	2
1— 2 years			1	2	1	4
3— 4 years			1		5	7
5— 9 years	5	2	1		8	4
10—14 years	1		1	1		
15—24 years		1				
25 and over						
Age unknown						
Total	6	3	3	3	15	17

5 cases of Chicken Pox were also notified.

ANNUAL REPORT C F

OF MR. J. CLOSS-PARRY, M.R.SAN.I., M.S.I.A., CHIEF SANITARY INSPECTOR.

I. HOUSING.

Housing continues to receive the earnest attention of the Council, and 104 were completed during the year, thus bringing the total owned by the Council to 1161. 20 houses were built by private enterprise.

It is becoming apparent lately that a few Council tenants, used to a small rental house, are seeking lower rent houses. Also, some selected applicants to vacant Council houses are refusing

tenancy, because of the high rent, as compared to the rent of pre-war houses in the District. The question arises how will those displaced families in Clearance Areas be able to pay the high rent? The Housing Repairs & Rents Act, 1954, places emphasis on the housing of displaced families in Clearance Areas and unfit houses, and the Council will be faced with the problem of "housing these families, versus, the young married couples and old people." It is often explained by young married couples without children, that they refrain from having children because of their present overcrowded accommodation. They get less sympathy because they have no children.

The proposals for exercise of functions of local authorities to deal with Clearance Areas, etc. as requested under Section 1 of the Housing Repairs & Rents Act, 1954, are being prepared.

Action was taken under Section 11, Housing Act, 1936 in respect to 36 dwellinghouses, and 31 families received alternative accommodation.

The Council have wholeheartedly accepted their responsibility to give grants for improvements and conversions, as provided by the Housing Acts.

62 applications were considered and approved by the end of the year.

2. SEWERAGE.

The Llanrug & Cwmyglo Sewerage and Sewage Disposal Scheme is expected to commence early in 1955. Tenders have been received for the Bethel Scheme, and the Council awaits the Ministry's approval to the recommended Contractor. Work is proceeding on the Llanberis Sewerage and Sewage Disposal Scheme. The completion of these schemes will permit the erection of houses on land already owned by the Council at Llanberis, Llanrug and Bethel.

The Consulting Engineer's Report, in detail, is awaited, for a comprehensive sewerage and sewage disposal works to parts of the Parishes of Llanwnda and Llandwrog.

Sewerage disposal for the Parish of Llanllyfni is very unsatisfactory.

The Council has 14 disposal works to be maintained in its large and scattered area, which involves heavy expenditure. There are also 11 disposal works serving Council houses only. During the year, the total expenditure on the maintenance of these works and the sewerage systems, was £10,510 equivalent to a rate of 4/2d.

The new schemes now carried out, together with the elimination of a large number of existing small and inefficient works, will bring the permitted discharge of sewage effluent entering rivers and streams within the standard that will be prescribed by the Rivers Board, under the Rivers Pollution Act.

3. WATER SUPPLY.

The area is fairly well supplied with water, and the quality received the constant attention of the Council. There are six chlorinating plants on the main sources.

Approval has been received for a new supply at Bicell, Bontnewydd to supplement the Bontnewydd—Llanfaglan supply. The Ministry's approval is awaited to the Upper Clynnog "Celler Ddu." source scheme, to supply this sparsely populated agricultural area, and to supplement existing small hamlet sources.

The storage capacity in some areas is becoming inadequate, due to the increased demand by farmers for water supplies to dairy farms, and the erection of nearly 600 houses since the war, and the large number of pre-war houses modernised with baths.

31 samples of water were taken for bacteriological examination. 3 samples were not to the required standard, and certain works to improve the quality were carried out without delay.

During the year, the whole expenditure on the maintenance of water supplies and the works of improvement was £11,447.

4. SCAVENGING.

Refuse collection is undertaken throughout the whole area of the Council, except in very isolated points, where transportation is not possible.

There are two 11 cu. yds. Dennis Vehicles operating this work, and eight men are employed full-time. The employees are provided with boiler suits, weather clothes, and a constant supply of gloves. Soap and washing utensils are carried in the vehicles.

The expenditure for the year was £5,485, equivalent to a rate of $2/1\frac{1}{2}d.$, or $13/4d.$ per head per annum.

The increase in tourist motoring has brought the problem of litter nuisance on our many miles of mountain roads and paths.

5. RODENT CONTROL.

The Council continues to employ a full-time Operator on this work.

Properties inspected included 70 local authority properties ; 540 dwellinghouses ; 81 business premises ; 373 farms ; and, as a result, 177 minor infestations were discovered. The Council treated 205 premises.

6. ICE CREAM.

49 samples were taken, and a high standard of cleanliness continues to be maintained.

7. MEAT INSPECTION.

The end of meat rationing has increased the work of meat inspection at the Bacon Factory, Portdinorwic, as, since de-rationing, a large number of pigs have been slaughtered for pork meat.

One licence was granted to a slaughterhouse at Talysarn, for the use of meat traders in Nantlle Valley, and Parishes of Clynog and Llandwrog.

During the year, 16,312 pigs were inspected at the Bacon Factory, Portdinorwic.

The following are the particulars of the condemnation :—

<i>Diseases other than Tuberculosis.</i>	<i>Number</i>	<i>Weight</i>	<i>%age of no. inspected condemned</i>
(a) Whole carcasses condemned ..	11	15cwt. 2 qt. 11 lbs.	.068
(b) Parts of carcasses or organs condemned	29	2 cwts. 3 qt. 4 lb.	.177
<i>Tuberculosis only.</i>			
(a) Whole carcasses condemned ..	46	2tns. 3 qt. 11 lbs.	.282
(b) Parts of carcasses or organs condemned	431	2tns. 1 qt. 4 lbs.	2.65
<i>Total weight of meat condemned.</i>			
(a) Tuberculosis only ..		4tons. 1cwt. 25lbs.	
(b) Other Diseases ..		18cwt. 1qt. 15lbs.	
Total		4tons. 19cwts. 2qt. 12lbs.	

TALYSARN SLAUGHTERHOUSE.

Carcasses inspected and condemned.

Number killed—12 cattle ; 400 sheep ; 4 pigs. Condemned—Cattle—Nil ; Sheep 78lbs. Pigs—Nil.

8. FOOD SUPPLIES.

There is marked improvement in the standard of cleanliness in a large number of our food shops.

PARTICULARS OF FOOD CONDEMNED

Blown

Tinned Fruit	..	..	..	..	507½ lbs.
Baked Beans	..	..	..	..	16½ "
Luncheon Meat	..	..	..	..	72½ "
Stewed Steak	..	..	..	..	54 "
French Brans	..	..	..	..	21 "
Tinned Tomatoes	..	..	..	..	35 "
Evaporated Milk	..	..	..	..	107 "
Tinned Fish	..	..	..	..	16 "
Tinned Soups	..	..	..	..	49 "
Tinned Peas	..	..	..	..	23 "
Tinned Cream	..	..	..	..	23 "
Meat Paste	..	..	..	..	11 jars

Total ..934½ lbs.

Decomposed

Lamb	..	..	..	..	340 lbs.
Pork	..	..	..	..	182 "
Preserved Fruit	..	..	..	..	6 "
Apples	..	..	..	..	4 "
Golden Pudding	..	..	..	..	3 "
Dry Fish	..	..	..	..	54 "

Total ..589 lbs.

Unwholesome

Cheese	..	..	..	..	71 lbs.
Corned Beef	..	..	..	..	66 "
Boiled Ham	..	..	..	..	235½ "
Tongue	..	..	..	..	51½ "
Jellied Veal	..	..	..	..	4 "
Jams	..	..	..	..	24 "
Pressed Mutton	..	..	..	..	18 "
Tinned Rabbit	..	..	..	..	3 "
Condensed Milk	..	..	..	..	96 "
Cheese and Tomato Spread	..	..	..	..	1 "
Wet Fish	..	..	..	..	198 "
Fruit Juice	..	..	..	..	26 bottles
Butter	..	..	..	..	19 lbs.
Butcher's meat	280 "
Bacon	190 "

Total ..1282½ lbs.

Damaged Tins.

Victoria Plums	28 lbs.
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Grand Total ..2833 lbs.

LLEYN RURAL DISTRICT (CAERNARVONSHIRE).

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

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 1954	2 1953	3 1954	4	5	6	7	8	9	10
Cowsheds and Farm Dairies ..	—	—	—	—	—	—	—	—	—	—
Retailing Milk Distributors ..	14	15	12	—	—	—	—	—	—	—
Milk Shops (Dairy Shops) ..	1	1	2	—	—	—	—	—	—	—
Public Slaughter House ..	—	—	—	—	—	—	—	—	—	—
*Private Slaughter House ..	—	—	—	—	—	—	—	—	—	—
Meat Shops	24	24	10	—	—	—	—	—	—	—
Retailing Meat Carts	8	5	10	—	—	—	—	—	—	—
Bakehouses	11	11	14	2	2	2	—	—	—	—
Bread Shops	48	52	20	—	—	—	—	—	—	—
Retailing Bread Vans	16	14	8	—	—	—	—	—	—	—
Factories (with M.P. and Laundries)	52	52	24	3	3	3	—	—	—	—
Workshops (without M.P.) ..	21	19	4	1	1	1	—	—	—	—
Workplaces	29	29	5	—	—	—	—	—	—	—
Home Workers' Premises ..	—	—	—	—	—	—	—	—	—	—
Offensive Trades	1	1	3	—	—	—	—	—	—	—
Common Lodging Houses ..	—	—	—	—	—	—	—	—	—	—

<i>Milk Dealers on the Register</i>	<i>Retailing only</i>	<i>Retailing and Producing</i>	<i>Wholeselling & Producing</i>
A.—Occupying premises within the District, and selling milk within, or outside or both, ..	15	—	—
B.—Occupying premises outside the District and importing milk into the District	—	—	—

SLAUGHTERHOUSES IN PAST AND PRESENT USE.

	In Dec. 1952	In Dec. 1953	In Dec. 1954
Registered only	—	—	—
Licensed	1	1	3
Total on Register	1	1	3

*NOTE.—Public Abattoir only in use—Outside District.

SUMMARY OF VITAL STATISTICS FOR 1954.

The Estimated population for 1954 was 17,270 and increase of seventy as compared with 1953.

The Birth Rate was 11.92 as compared with 14.1 in 1953. The Birth Rate for England and Wales was 15.2.

The General Death Rate was 16.27 as compared with 12.7 in 1953. The Rate for England and Wales was 11.3.

As in 1953 there was no Maternal Mortality.

One death was attributed to Zymotic Diseases during 1954, making a rate of 0.05. There was no Zymotic Mortality in 1953.

The Infant Mortality Rate per 1,000 live births was 63.10 as compared with 45.08 in 1953. The Rate for England and Wales was 25.5.

The Death Rate from Tuberculosis, per 1,000 of the population was 0.40. The Rate for England and Wales was 0.179.

Cancer caused 44 deaths, five more than in 1953. The 1954 rate was 2.54 as compared with 2.26 in 1953. The Rate for England and Wales was 2.035.

Four persons died from Influenza making a rate of 0.23. Two persons died in 1953 making a rate of 0.11. The 1954 Rate for England and Wales was 0.04.

INFECTIOUS DISEASES

The following cases were notified during the year.

Age Group	Scarlet Fever		Measles		Whooping Cough	
	M	F	M	F	M	F
Under 1 year						
1— 2 years					2	1
3—4 years		2	2		2	5
5— 9 years	2	3	1		3	6
10—14 years	1		2	1		
15—24 years						
25 and over		1			1	
Age unknown					4	1
Total	3	6	5	1	11	14

Age Groups	Acute Pneumonia		Erysipelas	
	M	F	M	F
Under 5 years				
5—14 years	1			
15—44 years		1		
45—64 years	1			2
65 and over		1		
Age unknown	1			
Total	3	2		2

REPORT OF THE SANITARY INSPECTORS

(MR. E. E. ROBERTS AND MR. C. JONES)

REFUSE COLLECTION AND DISPOSAL.

This service is being annually increased by the Council who undertake collection in additional areas, but the demand for the service, by far exceeds the requests granted.

The Council are reluctant to change their policy regulating the methods of collection which continues to be done by contract. There are ten different contractors collecting domestic refuse in the various parishes, some with motor vehicles, others with tractors and trailers or horse and cart. This work is generally done quite satisfactorily, but there are some complaints from residents regarding the work of some of the contractors. One of the major disadvantages of the existing system is the lack of direct control by the Council and the fact that none of the contractors have properly covered vehicles to carry the refuse and complaints are made by residents in the heavily built-up areas, of offensive matter being blown about. On the other hand, having regard to the area of the Authority, the existing arrangements prove more economical to the Council.

By today, it is gratifying to report that the refuse disposal arrangements are confined to two centrally situated controlled tipping sites (one in each division of the area). These tips are ideally situated for convenience of transport and are particularly remote from residential centres. The tips are very well maintained although difficulty is experienced at times in reducing rat infestations and spontaneous combustion. It is intended in time to develop the sites for ultimate use as the Council's central refuse transport depots. This service today is available for nearly two-thirds of a population of 18,000. The collection of night soil is also undertaken by the Council in certain localities. However essential this service might be, its maintenance is difficult whilst the transport and disposal of the night soil presents a formidable problem to the Council.

SEWERAGE.

The rural area is served by as many as thirty-two different disposal works, some servicing a small isolated number of houses, whilst others serve large localities of four to six thousand population. Each works, whether large or small, requires regular maintenance attention and every effort is being made to maintain supervision of the plants to ensure a satisfactory standard of effluent, but owing to the limited labour available and the difficulties of transport between the many disposal works, it has not always been possible to maintain the desired standard of attention. It should also be noted that the post-war rush of housing development has strained and overloaded existing sewerage disposal plants in some villages to a point where their working efficiency is irrecoverable.

In areas where the Council provide a public sewer for the first time, it is gratifying to note that about 80% of the properties are connected to the sewer within a very short time, but the remaining 20% who do not connect their properties which are generally let in tenancies, present much difficulty to the Council.

HOUSING AND SANITATION.

Housing conditions in the more remote parts of the rural area are generally poor and are rapidly deteriorating. Most of these houses are without damp-proof courses and are extensively affected. by dampness, the amenities are poor as they lack proper sanitation, natural lighting is poor and washing and cooking facilities are outmoded. Rentals are very low and so far it is surprising that owners are reluctant to take advantage in cases where it is possible to make use of the Housing Repairs and Rents Act, 1954.

However, in the more populated localities where essential services are available, the Council are faced with a heavy demand for grants under the 1949 Act for improvement of sub-standard dwelling houses. It is to be noted that very effective and real progress is being made in the adaptation and conversion of the older properties with the aid of a monetary grant, but the Council is somewhat apprehensive at the number of applications and the effect upon the general district rate. In this area the number of housing improvement schemes bears a happy relationship to the demand for Council houses.

The Council at present own and maintain over 500 Council houses and it is significant that the Council have not received any request from tenants for the sale of houses, and in fact today the demand for Council houses has fallen considerably as compared with the position two or three years ago, and the number of vacant tenancies for re-letting during the year was the highest in the post-war years. The high rent of Council houses as compared with the general standard of rent in the rural district accounts for a number of applicants being hesitant to accept a Council house and for the eagerness of some tenants to vacate a Council house. In consequence, it is felt by the Council that a two-bedroomed type of house would be more suitable to the requirements of many.

The day to day supervision of maintenance and repairs, and control of all the Council's properties now exceeding five hundred houses, is done by the two Sanitary Inspectors. The labour, available for carrying out this work are two tradesmen aided by two labourers all of whom also undertake other work in the service of the Council as the urgency demands. Considering that the total number of houses are made up of numerous small estates distributed over a wide area, the maintenance work on the whole is carried out quite satisfactorily, and we are pleased to point out that the relative cost per house on maintenance is low in comparison with other rural areas.

DEVELOPMENT CONTROL AND BUILDING BYE-LAWS.

The Sanitary Inspectors are responsible for all applications received by the Council under the requirements of the Building Bye-Laws and Town & Country Planning Acts. Each proposal for development is investigated and reports and observations submitted to the Council and to the Planning Authority, the subsequent supervisory work on the approval proposals being a responsibility which demands much more time and attention than is at present being given.

MEAT INSPECTION.

The Council have, since the decontrol of slaughtering, licensed three new slaughterhouses, at Sarn, Morfa Nefyn and Llithfaen, and the Sanitary Inspectors are responsible for the inspection of carcasses and organs and every endeavour is made to visit these premises at regular slaughtering days. Difficulty is however experienced regarding the unusual times of slaughtering, and as the new scheme progresses, it is envisaged that in this area, the disposal of condemned meat and offal will present a serious obstacle to the efficiency of this very essential service in the safeguarding of sound meat supplies for the public.

DISINFECTION.

In all cases of infectious diseases, rooms and contents are disinfected with formalin and in all cases where necessary, infected bedding is removed and destroyed. The Council have undertaken to pay compensation under Section 167 of Public Health Act, 1936, for infected bedding where destroyed at the direction and under the supervision of the Sanitary Inspectors. Disinfectants are supplied free to all necessary cases.

MOVEABLE DWELLINGS AND CARAVAN SITES.

The Llyn Peninsula can boast of a substantial tourist trade during the summer months and some of the coastal villages have developed into very popular holiday resorts. The establishment

of licensed caravan sites is a matter of much concern to the Council owing to the rapid expansion in recent years in this type of holiday accommodation. The Council have not, as yet, given any consideration to the establishment of their own site although it is felt that the demand might warrant such consideration. The existing licensed sites in the area accommodate approximately eight hundred caravans but, of more concern to the Council are the unlicensed sites which appear in increasing numbers and it is felt that statutory action in co-operation with the Planning Authority will have to be taken to check this tide of unauthorised development. There is also established within the area, a large holiday camp with accommodation for 8,000 campers including staff, and it is gratifying to note that in a camp of this magnitude, the health services and standard of cleanliness generally are well maintained. During the summer months it is estimated that no less than 14,000 persons per week spend their holidays in this manner in the peninsula.

WATER SUPPLIES.

The comprehensive scheme for supplying water from Cwmstradllyn Lake to the whole of the peninsula is under way. At present, the Council have about 30 different sources of piped supply in various localities, whilst in other villages and scattered areas, there are innumerable public wells from which water is drawn, for domestic use. Periodical samples are taken from all these sources for bacteriological analyses as often as time permits.

It is our duty to point out that, owing to the extent of our additional duties, some of which (like Council housing and sewerage maintenance work), are year by year bringing on increased responsibilities, our primary duties as Sanitary Officers have to suffer to a degree which we feel merits some consideration by the Council.

REPORT OF THE RODENT CONTROL OFFICER.

(MR. D. WYNN WILLIAMS, A.R.I.P.H.H.)

SEWERS.

All of the 24 Sewer systems were test-baited, and those that were infested were treated. The infested sewers were :—

Penmorfa, Sarn, Abererch, *Botwnnog*, Nevin, Chwilog, Morfa Nevin, Trevor, Llanaelhaiarn, Llannor A. & B. Pentrefelin, Aberdaron, Abersoch A.

Warfarin was used with great success in small systems with an associated surface infestation the poison being placed on consecutive days until the infestation had been cleared. Sewers thus treated are italicised.

COUNCIL PROPERTIES.

Of the 105 inspections carried out, 45 infestations were found, and 55 treatments carried out.

DWELLING HOUSES.

440 inspections carried out, 261 infestations were found, and the council undertook treatment in 249 cases.

BUSINESS PREMISES.

Out of the total of 88 inspections 59 properties were found to be infested with either rats or mice. The Council treated 55 infestations.

FARMS.

The total number of farms inspected was 334, and 267 infestations were found ; the Council undertook treatment in 178 cases. The remainder were given informal notice to clear the infestations. No Statutory Notices were served.

SUMMARY.

Total number of inspections carried out	..	..	..	..	967
Total number of infestations found	..	..	..	..	642
Total number of treatments carried out	..	..	..	..	537



