

[Report 1953] / Medical Officer of Health, Merioneth County Council.

Contributors

Merionethshire (Wales). County Council.

Publication/Creation

1953

Persistent URL

<https://wellcomecollection.org/works/bgq3mxh9>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

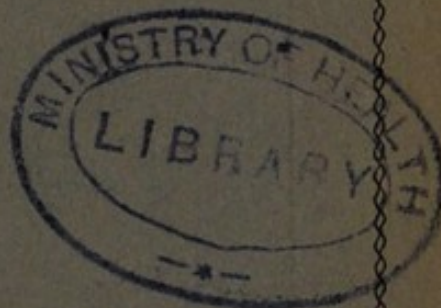
24575
WELSH BOARD OF HEALTH
REGISTERED
-4 NOV 1954
A.
MERIONETH

COUNTY



COUNCIL

Public
Health Report



FOR THE YEAR

1953

Medical Department,
County Offices,
Dolgelley.

W. F. GAPPER,
B.Sc., M.B., Ch.B., D.P.H.
County Medical Officer.

Seren, Bala.

MERIONATH

COUNCIL

COUNTY



1911

Annual Report

1911

W. F. RAYMOND

W. F. RAYMOND

W. F. RAYMOND

MERIONETH

COUNTY



COUNCIL

Public Health Report

FOR THE YEAR

1953

Medical Department,
County Offices,
Dolgelley.

W. F. GAPPER,
B.Sc., M.B., Ch.B., D.P.H.
County Medical Officer.

MERIONETH
COUNTY OFFICE
MEDICAL DEPARTMENT

COUNTY COUNCIL

Report on the work of the Medical Department for the year 1923.

The Medical Department has been very busy during the year 1923, and has been able to deal with all the cases that have been referred to it. The number of cases has been very large, and the work has been very hard. The Department has been able to deal with all the cases, and has been able to give the best possible treatment to all the patients.

The Department has been able to deal with all the cases, and has been able to give the best possible treatment to all the patients. The Department has been able to deal with all the cases, and has been able to give the best possible treatment to all the patients.

Health Report

The Health Report for the year 1923 shows that the health of the population has been very good. There has been a very small number of deaths, and the number of cases of disease has been very small. The health of the population has been very good, and the number of cases of disease has been very small.

The Health Report for the year 1923 shows that the health of the population has been very good. There has been a very small number of deaths, and the number of cases of disease has been very small. The health of the population has been very good, and the number of cases of disease has been very small.

W. J. H. Jones
County Medical Officer

MEDICAL DEPARTMENT,
COUNTY OFFICES,
DOLGELLEY.

*To the Chairman, Aldermen and Councillors
of the Merioneth County Council.*

Mr. Chairman, Mrs. Evans and Gentlemen,

I beg to submit to you the Annual Report for the year 1953.

There was an increase in the birth rate for the year over that of the past three years. There was a slight increase in the Infant Mortality rate compared with the past year, but apart from 1952 it was lower than in any other previous year. The Maternal Mortality rate was slightly lower than in the past year.

The total number of new cases notified as suffering from any form of tuberculosis is the lowest for the past twenty years, the reduction being mainly in the non-pulmonary form of the disease. While there was a slight increase in the number of deaths from tuberculosis, the average death rate per 1,000 population due to this disease for the past three years is lower than that of any previous three years.

Deaths from cancer showed a slight reduction over the past four years.

I am grateful to the Council Members for their kind assistance and interest in the work of the Department, and to the Officers and staff of my own and other Departments of the Council for their kind help and co-operation.

I am indebted to the members of the W.V.S., the British Red Cross and other voluntary workers for the services they have rendered.

The General Practitioners have worked amicably with the department and I am grateful to them for their kind co-operation.

I am,

Your obedient Servant,

W. F. GAPPER,

County Medical Officer.

September, 1954.

MEMBERS OF THE HEALTH COMMITTEE

Aldermen :

Evan John Jones. (<i>Chairman</i>)	John Morris
Edward Edwards,	
John Arthur Jonathan.	Hugh Tudor,
Alfred Ernest Hughes, C.B.E.,	Robert Owen Wynne,

Councillors :

John Llewelyn Davies (<i>Vice-Chairman</i>)	
Lewis Francis Davies,	Robert David Jones,
Robert Richard Davies,	Robert Mawddwy Jones,
Robert Evan Davies,	E. E. Davies
David J. Evans	T. V. Davies.
Mrs. Gwyneth Evans,	Thomas Jones.
Richard Owen Griffith,	Rev. Evan Lynch,
R.P. Lloyd Griffith,	Richard Parry,
Thomas Evan Jenkins,	Dafydd Llewelyn Pugh,
Rev. E. Cadvan Jones,	Gwilym Thomas Williams,
Elias Jones,	John Arthur Williams,
Evan Elias Jones,	Lewis Williams,
John Glyn Jones,	Rev. T. Alun Williams
M. Llewelyn Jones,	
Robert Caer Jones,	William Morris Williams

Women Members :

Mrs. Norah I. Edward, Dinarth, Corwen,
 Mrs. Gwyneth Ll. Davies, Crudygwynt, Bala,
 Miss Megan Davies, 9 The Square, Bl. Ffestiniog,
 Mrs. B. Maelor Jones, Frondirion, Dolgelley,
 Mrs. M. Parry, M.B.E., Penrhyndyfi, Pennal.

Representing the Executive Council :

Mr. John Lloyd, M.A. Glyn, Llanbedr.

Members of the Care Committee :

Alderman Evan J. Jones.
 „ A. E. Hughes
 „ O. A. Jonathan.
 „ R. O. Wynne.
 Councillor J. Llewelyn Davies
 „ R. R. Davies.
 „ R. O. Griffith.
 „ Elias Jones.
 „ Rev. E. Cadvan Jones.
 „ M. Llewelyn Jones.
 „ R. D. Jones.
 „ **W. M. Williams.**
 „ J. Arthur Williams.
 „ Rev. T. Alun Williams.
 „ Mrs. Gwyneth Evans.
 Mrs. Gwyneth Ll. Davies.
 Mrs. Maelor Jones.
 Dr. G. O. Thomas (*Chest Physician*).

PUBLIC HEALTH OFFICERS OF THE AUTHORITY

Whole Time Officers :

*County Medical Officer of Health and Principal
School Medical Officer :*

W. F. GAPPER, B.Sc., M.B., Ch.B., D.P.H.

*District Medical Officer of Health and Assistant County
Medical Officer :*

EVAN F. W. RICHARDS, M.R.C.S., L.R.C.P., D.P.H.

*Assistant County Medical Officer of Health
and School Medical Officer :*

D. LLOYD WILLIAMS, L.R.C.P., L.R.C.S., L.R.F.P. & S.

Superintendent Nursing Officer :

Mrs. ELEANOR OWEN, S.R.N., S.C.M., Q.S., H.V.

Deputy Superintendent Nursing Officer :

Miss E. J. Moss, S.R.N., S.C.M., Q.S., H.V.

Dental Surgeon :

E. CLWYDWYN JONES, L.D.S

Dental Attendant :

Miss MAIR HUGHES.

School Nurse : Miss GWEN HUMPHREYS, S.R.N., S.C.M.

Tuberculosis Health Visitor : Miss Z. M. EVANS, S.R.N.

Health Visitors and District Nurse / Midwives (Combined)

Nurse G. Baines Davies,	Dolgelley.
Nurse M. E. Davies,	Dyffryn Ardudwy.
Nurse A. B. Evans,	Blaenau Ffestiniog.
Nurse A. J. Evans,	Arthog
Nurse C. Evans,	Dinas Mawddwy
Nurse Glenys Evans,	Ffestiniog.
Nurse A. Fielding,	Blaenau Ffestiniog.
Nurse Gwen Francis,	Llanegryn.
Nurse Eluned Griffiths,	Corris
Nurse M. P. Griffith,	Harlech
Nurse S. C. Griffith,	Barmouth.
Nurse C. A. Jones,	Towyn.
Nurse Gwen Morgan Jones,	Bala..
Nurse Jane Jones,	Aberdovey.
Nurse Megan Jones,	Corwen.
Nurse M. Wynn Jones,	Corwen.
Nurse L. M. Owen,	Penrhyndeudraeth.
Nurse E. M. Roberts,	Trawsfynydd.
Nurse C. A. Williams (Relief)	Bala.

Ambulance Officer : David J. Jones.

Clerical Staff :

Miss M. J. Jones.
 Mrs. E. R. Roberts.
 Miss Eirianwy Roberts.
 Miss Elizabeth Jones.
 Miss E. Roberts.
 Miss J. Alwyn Davies

Part-Time Officers :

The following were the Medical Officers of the Infant Welfare Centres :—

Abergynolwyn—Dr. D. Ll. Williams (Asist M.O.H.)
Aberdovey —Dr. T. Tibbott Davies.
Bala —Dr. Robert Jones.
Barmouth —Dr. Merfyn Jones
Corris —Dr. Huw Francis
Corwen —Dr. D. G. Roberts.
Dolgelley —Dr. R. W. Edwards.

Dyffryn —Dr. James May.
 Bl. Festiniog —Dr. D. Whitaker.
 Harlech —Dr. R. M. Williams.
 Penrhyn —Dr. I. W. Griffith
 Towyn —Dr. G. K. Davies.
 Trawsfynydd —Dr. G. Williams.

Ophthalmic and Ear, Nose and Throat Specialist :

Horace Mather, 50 Rodney Street, Liverpool.

Mental Health Service :

J. H. O. Roberts, M.D. (Lond.) D.P.M.
 G. Williams, M.D. (Lond.) D.P.M.
Psychologist : Mr. W. R. Jones.
Psychiatric Social Worker : Mrs. J. Evans.
Duly Authorised Officers : Mr. J. Idwal Jones.*
 Mr. R. G. Jones.*

* *Also Welfare Officers.*

Consulting Obstetrician : O. Vaughan Jones, M.D., F.R.C.S.,
 F.R.C.O.G.

Consulting Paediatrician : Gwyn R. Griffith, M.D., F.R.C.P.,
 D.P.H., D.C.H.

Chest Physician : G. O. Thomas, M.D.

Consulting Venerealogist : H. Vernon Williams, M.R.C.S.,
 L.R.C.P.

Associated Officers of the County Council :

<i>Clerk of the County Council :</i>	H. J. Owen.
<i>Deputy Clerk of the County Council :</i>	D. W. Jones-Williams.
<i>County Treasurer :</i>	A. A. Hemphill.
<i>County Architect :</i>	N. Ll. Jones.
<i>Inspector of Food & Drugs :</i>	R. T. Edwards.
<i>Public Analyst :</i>	Harold Lowe, M.Sc., F.R.I.C.
<i>Childrens Officer :</i>	Mrs. A. Humphrey- Jones.
<i>Welfare Officer :</i>	T. E. Jones.

EXTRACTS FROM VITAL STATISTICS

Registrar General's estimated population for mid-year, 1953: 4,0850

	<i>Total</i>	<i>M</i>	<i>F</i>	
Live —Legitimate ..	559	292	267	Birth rate per 1,000
Births—Illegitimate ..	46	25	21	estimated popula-
				tion 14.81

Birth Rate (England and Wales) 15.5

Still Births	12	7	5	Rate per 1,000
				total live and
				still births .. 19.45

Deaths	574	287	287	Death rate per
All ages				1,000 estimated
				population 14.05

Deaths. (England and Wales) 11.4

				<i>Rate per</i>
				<i>1,000 total</i>
				<i>live and</i>
				<i>still births</i>
	<i>Deaths</i>			
No. 30. Pregnancy, childbirth and				
abortion	1			1.63

Death rates of Infants under one year of age :

Total number of Infant Deaths	18
All Infants per 1,000 live births	29.75
Legitimate Infants per 1,000 legitimate live births	25.04
Illegitimate Infants per 1,000 illegitimate live births	86.96
Infant Mortality Rate (England and Wales)	26.8

TABLE I.

Giving the population in 1953 (estimated) and the population as enumerated at the Census 1951, rateable value, and the product of a penny rate in the County, and the several County Districts

	<i>Popu- lation (estimated) by Registrar General 1953</i>	<i>Popu- lation Census 1951</i>	<i>Rateable Value as at 1/4/54</i>	<i>Estimated Product of a penny rate as at 1/4/54</i>
			£	£ s. d.
County of Merion- eth	40,850	41,456	161,624	614 8 0
Total Urban Districts ..	17,540	17,634	82,032	309 18 11
Total Rural Districts ..	23,310	23,822	79,592	304 9 0
Urban Districts :				
Bala	1,449	1,508	7,794	29 7 0
Barmouth ..	2,320	2,406	17,122	65 0 0
Dolgelley ..	2,519	2,246	11,738	45 16 0
Ffestiniog ..	6,691	6,923	23,819	85 15 0
Towyn	4,561	4,491	21,559	84 0 0
Rural Districts :				
Deudraeth ..	6,795	7,131	23,476	86 0 0
Dolgelley ..	9,281	9,343	29,921	117 7 0
Edeyrnion ..	4,121	4,195	18,513	73 0 0
Penllyn ..	2,798	2,830	6,503	24 0 0
Pennal C.P. ..	315	323	1,179	4 2 0

TABLE II.

POPULATION

Population of the County, the total Urban and Rural Districts, and of the several County Districts for the years 1949-1953.

	1949	1950	1951	1952	1953
<i>Col. 1</i>	2	3	4	5	6
County of Merioneth ..	38,838	40,543	41,170	41,070	40,850
Total Urban Districts	17,453	17,451	17,670	17,480	17,540
Total Rural Districts ..	21,385	23,092	23,500	23,590	23,310
Urban Districts :					
Bala	1,510	1,523	1,488	1,445	1,449
Barmouth	2,406	2,352	2,366	2,353	2,320
Dolgelley	2,517	2,704	2,535	2,508	2,519
Ffestiniog	7,211	7,073	6,871	6,787	6,691
Towyn	3,809	3,799	4,410	4,387	4,561
Rural Districts :					
Deudraeth	6,837	6,996	6,975	6,858	6,795
Dolgelley	7,225	8,784	9,225	9,483	9,581
Edeyrnion	4,143	4,154	4,182	4,125	4,121
Penllyn	2,842	2,815	2,799	2,811	2,798
Pennal	338	343	319	313	315

TABLE III.

Giving the principal causes of deaths, with the numbers in the County, Urban and Rural Districts, with percentage of the total deaths in 1953.

	<i>Number of Deaths 1953</i>			<i>Deaths in Urban Districts</i>	<i>Deaths in Rural Districts</i>	<i>Percentage of total deaths in 1953</i>
	<i>Total</i>	<i>Males</i>	<i>Fe- males</i>			
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
Heart Diseases	154	73	81	58	96	26.83
Other diseases of the circulatory system ..	25	7	18	15	10	4.36
Cancer ..	93	43	50	41	52	16.20
Vascular lesions of the nervous system ..	114	52	62	49	65	19.86
Nephritis & Nephrosis	12	4	8	5	7	2.09
Pulmonary Tuberculosis	19	15	4	14	5	3.31
Bronchitis..	16	11	5	7	9	2.79
Pneumonia	6	4	2	3	3	1.04
Influenza ..	12	10	2	10	2	2.09

TABLE IV.

Showing the total number of deaths, and for each sex in the County Districts with the rates per 1,000 population for 1953, and for the previous nine years.

	1953			Death Rate per 1,000 popula- tion 1953	Death rates per 1,000 of population									
	Number of deaths				1944	1945	1946	1947	1948	1949	1950	1951	1952	
	Males	Fe- males	Tot- al											
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	
England & Wales														
C'ty of Merioneth	287	287	574	14.05	11.6	11.4	11.5	12.0	10.8	11.7	11.6	12.5	11.3	
Total Urban Dists	137	121	258	14.70	15.3	14.46	16.68	14.81	14.60	14.37	14.90	15.81	13.64	
Total Rural Dists	150	166	316	13.56	16.5	14.94	18.63	14.56	14.59	15.81	15.93	16.92	13.90	
Urban Districts :					14.3	14.09	15.15	15.01	14.61	13.19	14.12	14.98	13.44	
Bala ..	6	16	22	15.18	18.3	16.72	20.60	10.74	11.69	14.57	15.10	14.79	16.61	
Barmouth ..	17	16	33	14.22	18.4	12.55	17.26	15.14	11.89	16.63	13.18	14.79	15.72	
Dolgelley ..	18	15	33	13.10	15.6	10.61	20.57	14.54	15.39	11.12	13.31	16.57	11.16	
Ffestiniog ..	68	43	111	16.59	15.9	16.35	18.49	15.01	17.39	18.72	20.22	19.94	15.47	
Towyn ..	28	31	59	12.94	16.2	15.82	17.73	14.77	11.46	13.39	11.85	14.29	11.17	
Rural Districts :														
Deudraeth..	43	71	114	16.78	13.6	13.04	14.17	16.70	13.81	14.63	14.72	17.35	17.79	
Dolgelley ..	58	49	107	11.53	14.2	13.86	15.26	14.44	13.49	12.04	12.52	11.71	10.44	
Edeyrnion	28	30	58	14.07	19.9	16.13	14.91	15.85	16.51	16.89	16.13	16.26	12.61	
Penllyn ..	16	11	27	9.65	9.8	12.64	16.74	11.67	16.38	8.09	14.21	17.15	12.45	
Pennal ..	5	5	10	31.75	10.5	29.33	20.23	14.20	18.40	5.92	17.49	21.94	28.75	

TABLE V. CANCER

Giving the number of cases, male and female, whose deaths have been registered from this cause, together with rate per 1,000 of estimated population for 1953.

	1953			Death Rate per 1,000 of population 1953	Death rates per 1,000 of estimated population in the years					
	Number of Deaths				1948	1949	1950	1951	1952	
	Males	Females	Total							
<i>Col. 1</i>	2	3	4	5	6	7	8	9	10	
County of Merioneth	43	50	93	2.28	2.19	2.29	2.59	2.67	2.48	
Total Urban Districts	20	21	41	2.34	2.37	2.23	2.75	2.66	2.63	
Total Rural Districts	23	29	52	2.23	2.06	2.34	2.47	2.68	2.37	
Urban Districts :										
Bala	1	3	4	2.76	1.38	2.65	1.96	2.69	2.77	
Barmouth	3	2	5	2.16	1.23	0.83	2.55	1.28	3.40	
Dolgelly	3	1	4	1.59	3.16	3.18	2.59	4.73	2.39	
Ffestiniog	8	9	17	2.54	3.16	2.35	3.54	2.77	2.65	
Towyn	5	6	11	2.41	1.36	2.10	1.84	2.04	2.28	
Rural Districts :										
Deudraeth	5	9	14	2.06	1.76	3.95	2.86	2.44	2.62	
Dolgelly	9	8	17	1.83	2.34	1.52	2.62	2.38	1.69	
Edeyrnion	4	7	11	2.67	2.43	2.17	1.93	2.87	2.42	
Penllyn	4	3	7	2.50	1.04	1.05	1.77	4.29	3.91	
Pennal C.P.	1	2	3	9.52	6.14	..	2.92	..	3	

TABLE VI.

The following Table gives the sites of Cancer and the number who died (male and female) in each sanitary district in the County in 1953.

	Cancer of uterus		Cancer of Stomach		Cancer of Breast		Cancer of lung and bronchus		Cancer of all other Sites		Total both Sexes
	M	F	M	F	M	F	M	F	M	F	
Col. 1	2	3	4	5	6	7	8	9	10	11	12
County of Merioneth	..	1	15	8	1	13	7	2	20	26	93
Total Urban Districts	..	1	7	2	..	3	5	2	8	13	41
Total Rural Districts	..	..	8	6	1	10	2	..	12	13	52
Urban Districts :											
Bala	..	1	..	..	..	..	1	..	..	2	4
Barmouth ..	..	..	..	1	..	..	..	1	3	..	5
Dolgelley ..	..	..	1	..	..	1	..	..	2	..	4
Ffestiniog ..	..	..	4	1	..	1	3	..	1	7	17
Towyn	..	..	2	..	..	1	1	1	2	4	11
Rural Districts :											
Deudraeth ..	..	..	2	..	..	5	..	..	3	4	14
Dolgelley ..	..	..	4	2	1	1	..	..	4	5	17
Edeyrnion ..	..	..	..	2	..	3	1	..	3	2	11
Penllyn	..	..	1	1	..	1	1	..	2	1	7
Pennal C.P. ..	..	..	1	1	..	..	..	..	..	1	3

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities :

All the Health Laboratory Services required were available at the Aberystwyth and Conway laboratories. Excellent services was provided by both laboratories.

Ambulance :

Three new ambulances were purchased during the year, two of which were utilecons, one for Barmouth and one for Dolgelley. The other ambulance replaced the old ambulance at Penrhyn-deudraeth.

A new garage was erected at Blaenau Ffestiniog to accommodate the utilecon ambulance.

The arrangements with the Montgomeryshire County Council for ambulance service in the Corris, Pennal, Aberllefenni and Talyllyn areas were terminated in August, 1953, and the area is now covered by the Council's own ambulances from Dolgelley and Towyn.

All major repairs to the Council's ambulances were carried out at the Dolgelley ambulance station by the ambulance mechanic and driver. Repairs and checking of servicing of Nurses' cars have been carried out at Headquarters.

Five of the full-time ambulance drivers qualified for the National Safe Driving Diploma.

The following table gives comparative figures for the past five years of the number of patients for whom the County Council was responsible for their conveyance through the ambulance service, together with the number of journeys and mileage involved.

<i>Year :</i>	1949	1950	1951	1952	1953
Number of Journeys	4173	5259	4267	4074	3633
Number of Patients	4463	5894	7397	8614	8843
Mileage	204079	264938	229037	225561	223655

From this table it will be seen that the number of patients conveyed is still increasing though at a reduced rate in comparison with the previous years. The number of journeys and the mileage have been reduced, and it is interesting to note that this started in 1951 when Central Control of the whole service with a full-time Ambulance Officer was established. In addition it is now recognised that this has brought about an improvement in the efficiency of the service. There is no doubt that the Council's action has prevented marked increases in the costs of this service. Suitable garages for the Dolgelley ambulances are urgently required and the establishment of a central repair depot would undoubtedly reduce the present costs of repairs to Council vehicles.

The running costs for the year was approximately eight pence per mile.

AMBULANCE AND " SITTING CASE " CARS SERVICES

Table showing the mileage, journeys and number of patients carried during the year 1953.

Ambulances owned by the County Council

<i>Ambulances stationed at :</i>	<i>No. of journeys</i>	<i>No. of patients carried</i>		<i>Mileage</i>
		<i>Stretcher cases</i>	<i>' Sitting ' cases</i>	
Dolgelley	1,202	552	2,134	95,060
Corwen	366	155	774	20,918
Ffestiniog	1,034	824	1,845	52,887
Towyn	351	183	637	13,173
Penrhyndeudraeth	363	186	1,012	18,043
Bala	178	86	258	12,547
Barmouth	74	33	100	5,648
<i>Totals</i>	3,568	2,019	6,760	218,276

Ambulances—Agency Services

<i>Ambulances owned by :</i>	<i>No. of journeys</i>	<i>No. of patients carried</i>		<i>Mileage</i>
		<i>Stretcher cases</i>	<i>' Sitting ' cases</i>	
St. John's Ambulance Machynlleth ..	23	10	12	306

" Sitting Cases " carried by hired vehicles and Hospital Car Service

<i>No. of journeys</i>	<i>No. of patients carried</i>	<i>Mileage</i>
253	429	6,910

Merionethshire cases conveyed by other authorities

<i>Ambulance Cases</i>			<i>Sitting Cases</i>		
<i>Journeys</i>	<i>Patients</i>	<i>Mileage</i>	<i>Journeys</i>	<i>Patients</i>	<i>Mileage</i>
7	7	691	34	34	3,784

Venereal Diseases :

Treatment of these diseases is carried out by a Medical Officer of the Regional Hospital Board. A clinic is held periodically at Blaenau Ffestiniog hospital. Follow up of defaulters is carried out by the County Medical Officer of Health personally.

SANITARY CIRCUMSTANCES OF THE AREA

Housing :

While most of the District Councils have made progress with their housing schemes there are families still living in poor houses which are unfit for human habitation. Figures for the number of overcrowded houses in each district are not available but overcrowding does exist.

SCHEMES FOR WATER SUPPLIES AND SEWERAGE

Further schemes for the water supplies and sewerage to various villages and hamlets were submitted and progress made with schemes approved by the appropriate Ministry. There are districts still without suitable water supplies and others with no sewerage. Difficulties in finding suitable sources for the supply of water have been met but it is essential that District Councils should complete their schemes to cover all the villages and hamlets in their area soon.

The following grants were made by the County Council during the 1953/54 Financial Year to the various District Councils towards schemes submitted by various Councils, payable over a number of years.

	<i>Provisional cost</i>	<i>County Council's contributions</i>
<i>Edeyrnion R.D.C.—</i>	£	£
Gwyddelwern Sewerage Scheme	6532	1266
<i>Pentllyn R.D.C.—</i>		
Frongoch Water Supply Scheme	7250	1550
<i>Deudraeth R.D.C.—</i>		
Maentwrog Water Supply Scheme	20,500	3600
<i>Dolgelley R.D.C.—</i>		
Aberangell Water Supply Scheme	9300	1375
Extension of water supply to Fairbourne Scheme ..	7097	1300
Ganllwyd Sewerage Scheme ..	4896	948
Penmaenpool Water Supply	8520	2250
<i>Dolgelley U.D.C.—</i>		
Renewal of Mains—Dolgelley	3000	500

Nursing in the Homes, Midwifery and Health Visiting :

Table XVII gives the number of Health Visits paid by the Part-time Health Visitors to children under five years of age during the year, and Table XVIII gives the number of visits paid by District Nurses for Home Nursing.

There was a slight increase in the number of domiciliary confinements. Gas and air analgesia was administered in 47 cases. Pethidine was administered in 20 cases. All the midwives are trained in the administration of gas and air analgesia and each midwife has the necessary apparatus. All have been instructed in the administration of pethidine.

271 births took place in hospitals outside the County and 238 in hospitals or Homes within the County.

The midwives attended 106 maternity cases discharged home before the fourteenth day from Institutions.

A large majority of cases requiring home nursing were medical cases, being mainly chronic sick elderly people. From the total of 2,444 cases visited 937 were 65 years of age or over. 1,593 were medical and 559 were surgical cases. 8,521 visits were paid to 423 cases for injections only. The injections were prescribed by the general practitioners.

TABLE VII.

IMMUNISATION AGAINST DIPHTHERIA

Number of children immunised in the County up to 31st December, 1953

	No. of children immunised by Officers of the County Council				No. of children immunised by Private Practitioners				Total
	Aged under 1	1-4	5-9	10-14	under 1	1-4	5-9	10-14	
County of Merioneth	4	767	1970	1948	13	651	405	46	5804
Total Urban Districts	3	311	832	830	8	276	188	10	2458
Total Rural Districts	1	456	1138	1118	5	375	217	36	3346
Urban Districts :									
Bala	1	51	115	69	1	26	13	..	276
Barmouth	..	12	69	96	1	104	90	4	376
Dolgelly	1	49	111	123	..	16	15	..	315
Ffestiniog	1	140	385	411	2	35	31	4	1009
Towyn	..	59	152	131	4	95	39	2	482
Rural Districts :									
Deudraeth	..	169	367	415	..	126	67	7	1151
Dolgelly	..	165	386	374	3	87	69	19	1103
Edeyrnion	..	31	205	182	..	133	60	6	617
Penllyn	1	86	174	131	2	23	12	4	433
Pennal	..	5	6	16	..	6	9	..	42

TABLE VIII.—VACCINATION, 1953

Name of Doctor :	Number of successful primary vaccination of persons					Number of successful re-vaccinations of persons					Totals	
	Under 1 year of age	1 year	2-4 years	5-14 years	15 years and over	Totals	Under 1 year of age	1 year	2-4 years	5-14 years		15 years and over
Dr. I. H. Davies	1	..	..	..	..	1	..	..	..	..	..	3
Dr. G. K. Davies	48	1	1	..	2	52	..	..	..	..	3	9
Dr. T. T. Davies	11	1	1	1	2	16	..	..	..	2	7	..
Dr. D. E. Davies	..	..	..	..	1	1	..	..	..	..	..	..
Dr. R. W. Edwards	4	..	..	..	2	6	..	..	..	..	..	..
Dr. H. Francis	11	..	..	..	1	12	..	..	..	..	1	1
Dr. I. W. Griffith	5	1	2	..	1	9	..	..	..	2	2	4
Dr. Merfyn Jones..	22	3	3	4	9	41	..	..	..	1	3	3
Dr. M. P. Jones	23	..	..	..	2	25	..	..	..	..	4	4
Dr. R. Jones	3	..	..	..	..	3	..	..	..	..	1	1
Dr. J. May	5	..	..	..	..	5	..	..	..	..	..	..
Dr. E. H. Morris	2	4	2	..	2	10	..	..	..	..	2	2
Dr. J. H. M. Lloyd	1	..	..	..	2	3	..	..	..	..	..	..
Dr. W. Pritchard	2	1	..	..	..	3	..	..	..	..	4	4
Dr. O. M. Prichard	11	..	..	..	..	11	..	..	..	..	1	1
Dr. H. J. Satchwell	3	..	..	..	..	3	..	..	..	..	..	..
Dr. M. G. Satchwell	15	..	..	..	..	15	..	..	..	..	..	..
Dr. N. A. Thomas	1	..	..	..	..	1	..	..	..	..	..	..
Dr. C. C. M. Watson	4	..	..	2	..	6	..	..	1	..	1	3
Dr. D. O. Williams	9	1	3	..	1	14	..	..	..	..	2	2
Dr. G. Williams	4	..	2	..	..	4	..	..	..	..	3	3
Dr. R. M. Williams	13	3	..	..	1	19	..	..	..	..	..	..
	198	15	14	7	26	260	..	..	1	5	39	39

SOCIAL WELFARE

The Welfare Department is administered by the Welfare Officer and the Children's Department by the Children's Officer. Close liaison exists between these departments and the Health Department. The valuable assistance of the N.S.P.C.C. Inspectors was continued.

MENTAL HEALTH SERVICE

Monthly clinics were held at Dolgelley hospital by a team from the North Wales Hospital for Mental and Nervous Disorders by arrangements with the Management Committee of the above hospital.

Children are examined at the clinics by appointment. Special clinics are held periodically at the Health Department for examination of school-children by the Psychologist. These clinics are for diagnosis and advice. No treatment centres have been established in this County. Arrangements have been made with the Management Committee for any necessary follow up of cases requiring supervision and/or investigation, by their Psychiatric Social Worker.

Certified Mental Defectives who are not in Institutions, or out on licence are visited periodically by the Psychiatric Social Worker and/or a Health Visitor. There are no arrangements for the training of Mental Health Workers.

No occupational centres have been established. The few mental defectives who might benefit by attending such a centre are scattered throughout the County and their transport to such a centre would be a difficult and costly problem. It would be difficult to find suitable staff for such a centre in this County. The parents or relatives of most of these cases wish to keep them at home and do supervise and care for them well.

TABLE IX.
PARTICULARS OF MENTAL DEFECTIVES in the COUNTY

	<i>Under 16 years of age</i>		<i>aged 16 years and over</i>	
	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>
1. Particulars of cases reported during 1953.. .. .				
(a) Cases at 31st December, ascertained to be defectives "subject to be dealt with" Action taken on reports by:—				
(i) Local Education Authorities on children—				
(1) While at school or liable to attend school	..	..	..	..
(2) On leaving special schools	..	..	..	..
(3) On leaving ordinary schools	..	..	..	..
(ii) Police or by courts	1	..	1	..
(iii) Other sources	..	..	..	..
(b) Cases reported, but not regarded at 31st December as defectives 'subject to be dealt with' on any ground	..	..	..	..
(c) Cases reported but not confirmed as defectives by 31st December and thus excluded from (a) & (b)	..	..	..	..
TOTAL number of cases reported during the year	1	..	1	..
2. Disposal of cases (a) ascertained to be defectives 'subject to be dealt with' number ..				
(i) Placed under statutory supervision	1	1	..	..
(ii) Placed under Guardianship	..	..	..	..
(iii) Taken to 'Places of Safety'	..	..	1	..
(iv) Admitted to Institutions	..	..	..	..
(b) Of the cases not ascertained to be defectives 'subject to be dealt with' number				
(i) Placed under voluntary supervision	2	..	12	25
TOTAL of items 2	3	1	13	25

TABLE IX.—*Continued*

3. Classification of defectives in the Community on 1/1/54								
(1) In urgent need of institutional care :								
(i) 'cot and chair' cases ..					1	1	..	..
(ii) ambulant low grade cases					..	..	..	..
(iii) medium grade cases					..	..	..	..
(iv) high grade cases					..	..	..	..
(2) Not in urgent need of institutional care					..	..	..	..
TOTAL item 3					1	1	..	..

EPILEPTICS AND SPASTICS

Epileptic cases are brought to the notice of the Department mainly through the School Health Service and through the Health Visitors. Children suffering from epilepsy are referred to a Paediatrician by their own doctor. Treatment advised by the Paediatrician is carried out by the General Practitioner. Reports on epileptics seen by the Paediatrician are received by the School Medical Officer. All epileptic cases are recorded on the Health Visitors' Record Cards. No epileptic case is known who has not received medical attention.

There were four epileptic cases in institutions for epileptics, being two males and one female at Maghull Institution, and one female at the Chalfont Colony.

There are four spastic children on the school health records. One is a pre-school child, one is attending school and two are under medical supervision at home and under further investigations and treatment by Consultants.

The number of epileptics in the County known to the Health Department is 30, of which 11 are under 16 years of age. Most of those under 16 years of age suffer from the minor epilepsy where the disease is not very severe.

BLIND PERSONS

Number of blind persons on register on 31st December, 1953 - 102

Age ..	10-21	21-40	40-50	50-65	65-80	80-90	90-100	Total
Cases ..	1	9	13	25	28	24	2	102

Follow up of registered blind and Partially Sighted Person:—

	CAUSE OF DISABILITY			
	Cataract	Glaucoma	R'trolental Fibroplasia	Others
1) Number of cases registered during the year in respect of which para 7(c) of Forms B.D.8. recommends :—				
(a) No treatment ..	2	2	1	4
(b) Treatment (medical surgical or optical) ..	7	2	..	1
(2) Number of cases at (1)(b) above which on follow-up action have received treatment	..	..	..	..

Arrangements are made by the Health Department for the examination and certification by a Consultant Ophthalmologist of all blind or partially blind persons. All cases certified as blind or partially blind are referred to the Welfare Officer, the National Assistance Board and the Home Teacher for the Blind.

Seventeen cases were certified blind within the meaning of the Act during the year.

Four cases were examined and found not to be blind within the meaning of the Act :

OPHTHALMIA NEONATORUM

(1) Total number of cases notified during the year.. 1

(2) Number of cases in which :—

(a) Vision lost 0
 (b) Vision impaired 0
 (c) Treatment continuing at end of year 0

DENTAL TREATMENT

Number of children under school age treated by the Dentists at School Clinics :—

Number of children examined	355
Number of children requiring treatment	157
Number of children treated	75

ANTE-NATAL AND POST-NATAL CLINICS

Ante-natal clinics were held by Specialists by arrangements with the Regional Hospital Board at :—

Blaenau Ffestiniog—	1st and 3rd Mondays in each month.
Dolgelley	—2nd and 4th Mondays in each month.
Towyn	—Last Wednesday in each month.
Corwen	—Second Wednesday in each month.

The attendances at the Blaenau Ffestiniog and Dolgelley Clinics were as follows—

	<i>Maternity</i>			<i>Gynaeco-logical</i>		<i>Total</i>
	<i>New</i>	<i>Old</i>	<i>Post natal</i>	<i>New</i>	<i>Old</i>	
Bl. Ffestiniog	143	386	38	42	54	663
Dolgelley	156	345	19	121	101	742
<i>Totals</i>	299	731	57	163	155	1405

At Corwen only six cases attended the Clinic throughout the year with a total of 13 attendances. Serious consideration must be given to the transfer of the Ante-natal clinic in this area to the new clinic premises at Bala. The figures for the Towyn clinic were not available.

MEDICAL AID

Medical Aid forms were issued by Midwives in two cases during the year.

TABLE X.

Number of Midwives practising in the area of the Local Supervising Authority on 31st, December, 1953.

	<i>Domi- ciliary</i>	<i>In Institu- tions</i>	<i>Total</i>
(a) Midwives employed by the Authority	20	..	20
(b) Midwives employed by Voluntary Organisations—			
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act, 1946	..	..	..
(ii) Otherwise (including Hospitals not transferred to the Minister under the National Health Service Act)	..	2	2
(c) Midwives employed by Hospital Management Committees or Boards of Governors under the National Health Service Act			
(i) Under arrangements with the local Health Authority in pursuance of Section 23 of the National Health Service Act.	..	..	..
(ii) Otherwise	..	8	8
(d) Midwives in Private Practice (including Midwives employed in Nursing Homes)	9	..	9
	29	10	39

TABLE XI.—Number of deliveries attended by Midwives in the area during the year 1953

	DOMICILIARY CASES					
	Doctor not booked			Doctor booked		Cases in Institutions
	Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Doctor present at time of delivery (either booked Dr. or other)	Doctor not present at time of delivery of child	Totals	
(a) Midwives employed by the Authority	10	39	16	30	95	..
(b) Midwives employed by Voluntary Organisations:—						
(i) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act, 1946	..	..	..	..	..	..
(ii) Otherwise (including Hospitals not transferred to the Minister under the National Health Service Act)	..	..	..	..	..	81
(c) Midwives employed by Hospital Management Committees or Board of Governors under the National Health Service Act	..	..	..	..	..	160
(d) Midwives in Private Practice (including Midwives employed in Nursing Homes)	..	1	..	..	1	..
<i>Totals</i>	10	40	16	30	96	241

Number of cases delivered in institutions but attended by domiciliary midwives on discharge from institutions and before the fourteenth day 106

MATERNITY OUTFITS

93 Maternity Outfits were issued during the year. These are provided free to all maternity cases confined at home. Each midwife keeps a small number of outfits and these are replenished from a reserve stock at the Health Department.

HEALTH SURVEYS

The Health Department continues to co-operate in three surveys. One is conducted by the British Cancer Campaign into all deaths from cancer, one by the Institute of Child Health (London University) into the health and development of children, and the third by the staff of Guy's Hospital, London, on children who have not been breast fed.

DOMESTIC HELP SERVICE

Number of Home Helps employed on 31st December, 1953 :—

Whole-time	..	..	..	..	..	0
Part-time	..	..	..	..	..	24

A total of 43 part-time Home Helps were employed during the year.

Number of cases where Home Helps were provided during the year :—

(a) Maternity (including expectant mothers)	..	6
(b) Tuberculosis		7
(c) Chronic sick including aged and infirm	..	40
(d) Others		8

The greatest demand for Home Helps was in the homes of chronic sick and aged persons, most of whom were in receipt of National Assistance. Such cases are provided with free service.

While the Council provides Home Help for a certain number of hours daily, a number of aged and chronic sick cases, especially single persons living alone, are for hours without any one visiting them. In some cases such as the blind and the infirm, there is a certain risk of leaving them alone in the house. No department seems to be responsible for the welfare of these people during such hours. Efforts were made to get voluntary bodies in the various parts of the County to obtain volunteers to visit these people daily but the response was poor. While there are a number of

people who still assist their aged relatives, there are others who not prepared to do so, unless they are paid for their service. Some of these people benefit after the aged persons have passed away. There are cases where aged persons have left property, furniture and money where the Council has provided free service, but no claim against the estate can be made by the Council for the services rendered.

Volunteers and voluntary bodies do assist with "Derby and Joan" clubs for the aged throughout the County and contributions are made by the Local Education Authority to some of the clubs formed by pensioners.

GAS AND AIR ANALGESIA

Number of Midwives practising in the area who
are qualified to administer gas and air analgesia 19

Number of cases in which gas and air was administered by
Midwives in Domiciliary practice during the year 1953 :—

(a) When a Doctor was not present at time of delivery of child	31
(b) When a Doctor was present at the time of delivery of child	16

CHILD WELFARE CENTRES

Clinics were held at thirteen centres as in previous years. The average attendance per session at all the clinics was approximately 23, an increase of four per session as compared with the previous year. Fewer children attended the Harlech and Penrhyndeudraeth clinics than in the past year, though there was an increase in the number of children who were under one year of age on their first attendance, at both centres.

The assistance given by the voluntary helpers at the various clinics has been appreciated and we are indebted to them for their valuable service.

TABLE AII.
INFANT WELFARE CENTRES

Clinic :	No. of sessions held	No. of children who first attended a centre during the year, who were under 1 year of age	No. of children who attended during the year, and who were born in :			Total No. of children who attended during the year	No. of attendances during the year made by children who at the date of attendance were :				Total attendances during year :
			1953	1952	1951-48		under 1 year	1 year under 2	2 years under 5		
Aberdovey ..	12	15	15	22	48	85	116	90	165	371	
Abergynolwyn..	12	7	6	4	18	28	44	51	88	183	
Bala ..	26	66	53	28	4	85	440	36	2	478	
Barmouth..	26	45	33	30	72	135	417	272	248	937	
Corris ..	12	20	11	23	30	64	140	77	80	297	
Corwen ..	12	29	21	9	9	39	92	15	22	129	
Dolgelley ..	19	42	34	22	32	88	284	44	51	379	
Dyffryn ..	12	10	7	10	13	30	53	46	57	156	
Ffestiniog..	26	79	67	39	9	115	586	30	3	619	
Harlech ..	12	20	16	9	12	37	120	32	18	170	
Penrhyndeudraeth ..	24	29	27	24	29	80	326	113	109	548	
Towyn ..	24	77	55	56	45	156	555	203	172	930	
Trawsfynydd ..	12	12	10	14	21	45	88	60	41	189	
Totals ..	229	451	355	290	342	987	3261	1069	1056	5386	

TABLE XIII.

BIRTHS, 1953

	Total Regis- tered Births	Total noti- fied within County	Domiciliary Cases				Cases in Insti- tutions within the County	
			Doctor not booked		Doctor booked			
			Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Doctor pres- ent at time of delivery of child (either booked or other)	Doctor not present at time of delivery of child		Totals
County of Merion- eth	605	337	8	40	20	28	96	241
Total Urban Districts ..	290	284	5	14	10	14	43	241
Total Rural Districts ..	315	53	3	26	10	14	53	..
Urban Districts :								
Bala ..	38	6	..	3	..	3	6	..
Barmouth ..	35	82	..	1	..	..	1	81
Dolgelly ..	48	81	..	..	1	..	1	80
Ffestiniog ..	91	23	3	6	7	7	23	..
Towyn ..	78	92	2	4	2	4	12	80
Rural Districts :								
Deudraeth ..	93	13	..	6	5	2	13	..
Dolgelly ..	115	9	..	6	2	1	9	..
Edeyrnion ..	58	20	3	7	2	8	20	..
Penlllyn ..	45	11	..	7	1	3	11	..
Pennal C.P. ..	4	..	..	..	..	..	..	..
								34

Giving the birth rate per 1,000 of population for the decennial period, 1944-1953, in England and Wales, and the County and County Districts.

Col. 1		1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
		2	3	4	5	6	7	8	9	10	11
England and Wales		17.6	16.1	19.1	20.5	17.9	16.7	15.8	15.5	15.3	15.5
County of Merioneth		16.4	15.23	16.42	17.63	17.41	16.66	13.20	13.82	13.00	14.81
Total Urban Districts		16.4	13.71	17.22	16.65	15.80	15.29	11.69	14.66	13.50	16.53
Total Rural Districts		16.4	16.42	15.78	18.38	18.69	17.77	14.33	13.19	12.63	13.51
Urban Districts :											
Bala ..	..	14.8	11.84	20.59	20.04	16.51	17.22	12.48	14.79	13.84	26.22
Barmouth ..	..	18.7	16.73	21.13	14.28	18.86	11.22	15.73	18.60	14.87	15.09
Dolgelly ..	..	11.5	16.97	11.75	17.53	17.36	13.11	8.51	12.22	11.56	19.06
Ffestiniog ..	..	15.8	12.01	16.99	17.21	14.49	16.78	11.31	14.55	11.79	13.60
Towyn ..	..	19.6	13.64	17.45	15.06	15.06	15.74	11.85	14.06	16.41	17.10
Rural Districts :											
Deudraeth ..	..	16.7	17.49	18.34	18.53	18.51	19.16	14.58	14.48	12.10	13.68
Dolgelly ..	..	16.4	15.57	14.85	18.09	16.61	14.81	13.89	10.51	9.38	12.39
Edeyrnion ..	..	17.9	20.84	17.10	21.79	19.18	21.24	17.09	17.22	18.91	14.07
Penllyn ..	..	15.3	11.06	11.26	15.55	24.00	17.94	12.08	13.58	15.30	16.08
Pennal C.P. ..	..	5.3	11.73	11.56	8.52	21.47	8.88	5.83	6.27	15.97	12.70

TABLE XV.

Showing the number of births and the birth rates in the County and in the County Districts with the number of Illegitimate births with the percentage of total births for the year 1953.

	<i>No. of births registered 1953</i>			<i>Birth rate per 1,000 of esti- mated popula- tion</i>	<i>Illegitimate Births</i>	
	<i>Males</i>	<i>Fe- males</i>	<i>Total</i>		<i>No.</i>	<i>per cent of Total births</i>
<i>Col. 1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
County of Mer- ioneth	317	288	605	14.81	46	7.60
Total Urban Districts : ..	156	134	290	16.53	20	6.90
Total Rural Districts	161	154	315	13.51	26	8.25
Urban Districts :						
Bala	21	17	38	26.22	2	5.26
Barmouth ..	20	15	35	15.09	1	2.86
Dolgelley ..	24	24	48	19.06	4	8.33
Ffestiniog ..	51	40	91	13.60	5	5.49
Towyn	40	38	78	17.10	8	10.26
Rural Districts :						
Deudraeth ..	53	40	93	13.68	12	12.90
Dolgelley ..	59	56	115	12.39	12	10.43
Edeyrnion ..	26	32	58	14.07	..	..
Penllyn ..	21	24	45	16.08	2	4.44
Pennal	2	2	4	12.70	..	..

TABLE XVI.
Giving the number of Still Birth registered and notified with certain "still birth" rates, 1953

Col. 1	No. of Still Births in Registrar's Return	No. of cases of still-births notified by			No. of cases attended by Doctor and Certified Midwife	Still Birth Rates	
		Doc- tor	State Certi- fied Midwives	Regis- trar of Births		per 1,000 Population	per 1,000 total Births Live and Still births
2	3	4	5	6	7	8	
County of Merioneth ..	12	..	6	..	4	0.29	19.47
Total Urban Districts ..	5	..	3	..	3	0.29	16.95
Total Rural Districts ..	7	..	3	..	1	0.30	21.74
Urban Districts :							
Bala ..	2	..	..	..	..	1.38	50.00
Barmouth ..	1	..	1	..	1	0.43	27.78
Dolgelley ..	1	..	1	..	1	0.40	20.41
Ffestiniog ..	..	..	..	..	..	..	..
Towyn ..	1	..	1	..	1	0.22	12.66
Rural Districts :							
Deudraeth ..	..	..	..	..	..	..	..
Dolgelley ..	..	..	..	..	..	..	..
Edeyrnion ..	5	..	3	..	1	1.21	79.37
Penllyn ..	..	..	..	..	..	..	..
Pennal ..	2	..	..	..	..	6.35	333.33

TABLE XVII.

HEALTH VISITING 1953

Showing the number of Health Visits paid by part-time Health Visitors.

<i>Districts :</i>	<i>Visits to Children 0-1 years of age</i>		<i>Visits to children 1-5 years of age</i>	<i>Total Health Visits to children 0-5 years</i>
	<i>Primary Visits</i>	<i>Total Visits</i>		
Aberdovey	20	117	166	283
Bala	76	299	533	832
Barmouth	36	270	331	601
Blaenau Ffestiniog	59	334	586	920
Corris	14	108	93	101
Corwen	60	539	639	1178
Dinas	6	58	104	162
Dolgelley	71	373	520	893
Dyffryn	21	126	165	291
Fairbourne	14	75	95	170
Ffestiniog	22	199	307	506
Harlech	26	143	222	365
Llanegryn	24	150	176	326
Penrhyndeudraeth	36	176	284	460
Towyn	46	320	408	728
Trawsfynydd	13	124	200	324
	544	3411	4829	8240

TABLE XVIII.
HOME NURSING

Col. 1										
	Medical	Surgical	Infectious Diseases	Tuberculosis	Maternal complications	Others	Totals	Patients included in 2-7 who were 65 or over at time of first visit during year	Patients included in 2-7 who were under 5 yrs. at time of 1st visit during year	Patients included in 2-7 who have had more than 24 visits during year
No. of cases attended by Nurses during the year . .	1,593	559	16	23	30	223	2,444	937	225	315
No. of visits paid by Nurses during the year	20,576	7,235	53	729	203	769	29,565	15,170	1,606	17,840

Number of deaths of Infants at the different age periods

[illegible]

TABLE XX.

INFANT MORTALITY

Showing the causes of death of infants who died under one year of age in the several County Districts in the County.

Cause of death :	URBAN AREAS						RURAL AREAS						Total County
	Bala	Barmouth	Dolgelly	Ffestiniog	Towyn	Total Urban Districts	Deudraeth	Dolgelly	Edeyrnion	Penllyn	Pennal	Total Rural Districts	
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. Bronchitis	..	..	..	..	..	..	1	..	..	..	..	1	1
2. Pneumonia	..	..	..	..	..	..	..	1	..	..	..	1	1
3. Gastritis,	..	..	..	..	1	1	..	..	..	..	..	..	1
4. Congenital malformations..	..	..	..	..	1	1	1	..	1	..	..	2	3
5. Prematurity	..	..	2	1	2	5	..	1	..	..	..	1	6
6. Other defined / or ill-defined causes	..	..	2	..	1	3	1	2	..	..	..	3	6

TABLE XXI.

Giving the causes of deaths of Infants under one year of age, and ages at death, 1953.

		Number of deaths of infants at the several age periods :										
Causes of Death:		Under one week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 4 wks (1 month)	4 weeks & under 3 months	3 months & under 6 months	6 months & under 9 months	9 months & under 12 months	Total 2-12 months	Total under 12 months
Col. 1		2	3	4	5	6	7	8	9	10	11	12
1. Bronchitis ..	..	..	..	..	..	..	1	..	..	..	1	1
2. Pneumonia ..	..	..	..	..	..	..	1	..	..	..	1	1
3. Gastritis ..	..	..	..	..	..	..	1	..	..	..	1	1
4. Congenital malformations		2	..	..	1	3	..	..	..	..	..	3
5. Prematurity ..		5	..	..	..	5	1	..	..	..	1	6
6. Other defined or ill-defined causes		5	..	..	..	5	1	..	..	..	1	6

TUBERCULOSIS

There were four more deaths from Pulmonary Tuberculosis than in the previous year. There was an increase of ten deaths from this disease in the Ffestiniog Urban area while there were none in the remaining urban areas. The death rate, however, has been much lower during the past three years than in all previous years. There were no deaths from any form of pulmonary tuberculosis in the age groups under forty five years.

There were fewer notifications of Pulmonary Tuberculosis of both sexes, being three fewer males, and three fewer females than in the previous year.

The contacts of all new cases are invited by the Tuberculosis Health Visitor to attend the Chest Clinic for examination by the Consultant. Any new contacts of old cases are also invited to attend. During the year 95 contacts were examined, including children and adults. 36 cases received B.C.G. vaccination.

All the children at one of the primary schools were offered a patch test as contacts to a case of tuberculosis. All those found positive attended the Consultant's clinic with their relatives. No definite case of Tuberculosis was found.

The Mass Radiography Unit completed its visit to the County in February. Particulars of the survey were published in the report for 1952.

Arrangements exist between Caernarvon, Anglesey and Merioneth County Councils and the Caernarvon and Anglesey Hospital Management Committee for the admission of babies to Minffordd Hospital for B.C.G. vaccination.

The following Table shows the number of new cases notified, the number of contacts of old and new cases examined, and the number of such contacts who were given B.C.G. for the past four years.

<i>Year</i>	<i>No. of new cases notified</i>		<i>No. of Contacts examined</i>	<i>Given B.C.G.</i>
	<i>P.T.</i>	<i>N.P.T.</i>		
1950	58	15	120	16
1951	57	11	124	51
1952	60	13	119	58
1953	54	9	95	36

Conferences have been held between the Officers of the Regional Hospital Board, Ministry of Labour and representatives of the North Wales County Councils, and other interested bodies with regard to the possibility of establishing a village settlement in North Wales. At present it is considered feasible to establish a hostel close to Llangwyfan Sanatorium where patients can stay for certain periods for medical rehabilitation.

TABLE XXIII.

Showing the number of deaths from Tuberculosis in the several County Districts, with the "phthisis" death rate and the total tuberculosis rate per 1,000 of population.

	Deaths from Tuberculosis 1953		Death rates per 1,000 of population	
	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Phthisis Death Rate	Total Tuberculosis Death rate
Col. 1	2	3	4	5
County of Merioneth	19	1	0.47	0.49
Total Urban Districts	14	..	0.80	0.80
Total Rural Districts	5	1	0.21	0.05
Urban Districts :				
Bala	..	..	..	..
Barmouth	..	..	..	..
Dolgelley	..	..	..	..
Ffestiniog	14	..	2.09	2.09
Towyn.. ..	..	..	..	..
Rural Districts :				
Deudraeth ..	3	..	0.44	0.44
Dolgelley	1	1	0.11	0.22
Edeyrnion ..	..	..	..	..
Penllyn	1	..	0.36	0.36
Pennal.. ..	..	..	..	..

Showing the total Tuberculosis Death Rate for the decennial period, 1944-1953

Total Tuberculosis death rate per 1,000 of population											
Col. 1		1944	1945	1946	1947	1948	1949	1950	1951	1952	1953
		2	3	4	5	6	7	8	9	10	11
County of Merioneth											
Total Urban Districts	..	0.99	0.84	0.92	1.12	0.74	0.85	0.57	0.49	0.39	0.49
Total Rural Districts	..	1.15	0.94	1.23	1.37	1.21	1.09	0.86	0.62	0.46	0.80
	..	0.88	0.77	0.68	0.93	0.36	0.65	0.35	0.38	0.34	0.26
Urban Districts :											
Bala ..	..	1.41	..	0.71	0.72	1.37	1.32	..	..	..	..
Barmouth ..	..	0.78	0.41	1.29	0.43	0.82	..	..	0.85	0.42	..
Dolgelley ..	..	1.23	0.42	0.41	0.42	0.39	..	0.74	..	0.80	..
Ffestiniog ..	..	1.53	1.39	2.17	2.62	2.21	1.94	1.84	1.31	0.59	2.09
Towyn ..	..	0.52	1.09	..	0.29	..	0.79	..	..	0.23	..
Rural Districts :											
Deudraeth ..	..	1.43	1.03	1.04	1.51	0.29	1.02	0.29	0.14	0.44	0.44
Dolgelley ..	..	0.49	0.63	0.66	0.94	0.26	0.55	0.11	0.43	0.21	0.22
Edeyrnion ..	..	0.49	0.74	..	0.49	0.24	0.48	0.48	0.24	0.73	..
Penllyn ..	..	0.61	0.63	0.96	0.32	1.04	0.35	1.07	0.71	..	0.36
Pennal ..	..	2.63	2.93	..	..	..	..	..	3.13	..	..

TABLE XXV.
Showing new cases of Tuberculosis and the total deaths from Tuberculosis in the County and the several districts.

	NEW CASES				DEATHS			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col. 1	2	3	4	5	6	7	8	9
County of Merioneth..	32	22	3	6	15	4	..	..
Total Urban Districts ..	21	7	1	6	13	1	..	..
Total Rural Districts....	11	15	2	..	2	3	..	1
Urban Districts :								
Bala ..	1	1	..	..	..	..	..	..
Barmouth ..	..	1	..	1	..	..	..	..
Dolgelley ..	2	..	..	..	..	..	..	..
Ffestiniog ..	17	3	1	4	13	1	..	..
Towyn ..	1	2	..	1	..	..	..	..
Rural Districts :								
Deudraeth ..	8	1	..	..	1	2	..	..
Dolgelley ..	2	6	2	..	1	..	..	1
Edeyrnion ..	1	5	..	..	..	..	..	..
Penllyn ..	..	1	..	..	..	1	..	..
Penllyn ..	..	2	..	..	..	..	..	..

TABLE XXVI.

New cases and total deaths from Tuberculosis during the year 1953 in various age groups.

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col. 1	2	3	4	5	6	7	8	9
0-	..	..	..	..	..	..	..	..
1-	..	1	..	..	..	..	..	1
5-	1	1	1	..	..	..	..	..
15-	2	2	..	..	..	..	..	..
25-	10	11	2	3	..	..	..	..
45-	10	3	..	2	9	2	..	..
65-	9	4	..	1	5	1	..	..
75-	..	..	..	..	1	1	..	..
TOTALS	32	22	3	6	15	4	..	1

TABLE XXVII.
TUBERCULOSIS

Admission to Hospitals and Sanatoria.

<i>Quarter ended</i>	<i>Pulmonary</i>		<i>Non-Pulmonary</i>		<i>Total</i>	
	<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>
31 /3 /53 ..	9	8	..	..	9	8
30 /6 /53 ..	12	6	1	3	13	9
30 /9 /53 ..	10	13	2	1	12	14
31 /12 /53 ..	5	6	..	3	5	9
	36	33	3	7	39	40

TABLE XXVIII.—FOOD AND DRUGS ADULTERATION ACTS

Article :	Samples			Adulterated		Nature of Adulteration or irregularity	Observations and Particulars of Non-genuine Samples
	Formal	In- formal	Total	Formal	In- formal		
Milk	88	..	88	15	..	15	4.8, 8.4-0.548% 3.3, 8.35-0.537% 2.75 7.4-0.473% 3.2. 8.1.-0.535 % 2.9. 8.7. 2.9. 9.1. 3.55. 8.2-0.516 deg c. 3.2. 8.1-0.516 deg. c. 3.3. 8.1-0.498 deg. c. 3.2. 8.0-0.478 deg. c. 3.25. 7.7-0.466 deg. c. 4.25. 7.9-0.493 deg. c. 4.15. 7.9-0.486 deg. 4.45. 8.1-0.487 deg. Appeal to Cow 3.3. No added water, 8.4 F.P., normal 0.550 Appeal to Cow. No added water Freezing point normal 3.8 9.0- 0.533 deg. c. 2nd appeal to cow 3.9. No added water 8.7 F.P. normal 0.522 deg. Appeal to cow 5.45. No added water 9.0. FP nor- mal 0.562 deg. c.

TABLE XXVIII.—FOOD AND DRUGS ADULTERATION ACTS (Continued)

Article :	Samples			Adulterated		Nature of Adulteration or irregularity	Observations and Particulars of Non-genuine Samples
	Formal	In- formal	Total	Formal	In- formal		
Synthetic Cream	..	1	1	..	..		
Ground Coffee	..	1	1	..	..		
Table Jelly	..	3	3	..	..		
Lemon Curd	..	2	2	..	..		
Cod Liver Oil	..	1	1	..	..		
Tincture of Iodine	..	1	1	..	..		
Oil of Eucalyptus	..	1	1	..	..		
Aspirins	..	1	1	..	..		
Ham & Beef Paste	..	1	1	..	..		
Coffee & Chicory	..	2	2	..	..		
Fish Cakes	..	1	1	..	..		
Jam, Blackcurrant	..	1	1	..	..		
Ice Cream	..	9	9	..	..		
Table Jelly Crystals	..	1	1	..	..		
Pure Dairy Cream	..	1	1	..	..		
Glucose	..	1	1	..	..		
Tea	..	1	1	..	..		
Mince-meat	..	1	1	..	..		
Milk Whipping	..	..	..	..	..		
Compound..	..	1	1	..	..		

URBAN DISTRICTS

— TABLE XXIX —

RURAL DISTRICTS

Showing the ages at death from the several causes in Urban and Rural Districts

No. and Sex Lat.		CAUSES OF DEATH		All ages	Under 1 year	1 to 5 years	5 to 15 years	15 to 25 years	25 to 45 years	45 to 65 years	65 to 75 years	75 and over	All ages	under 1 year	1 to 5 years	5 to 15 years	15 to 25 years	25 to 45 years	45 to 65 years	65 to 75 years	75 and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		M	F	M	F	M	F	M	F	M	F	M	M	F	M	F	M	F	M	F	M																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1 ALL AGES		137	121	6	4	..	1	1	1	..	8	7	42	25	32	33	47	50	150	166	5	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

[illegible]

URBAN DISTRICTS

TABLE XXX.

RURAL DISTRICTS

Causes of death in the several County Districts, 1953.

[illegible]

CAUSES OF DEATH		Total U.S.		Foreign U.S.	
		M	F	M	F
and operations of war	1	1	1	1	1
accidents	1	1	1	1	1
in accidents	1	1	1	1	1
and ill defined diseases	1	1	1	1	1
metastases	1	1	1	1	1
childbirth abortion	1	1	1	1	1
of metastasis	1	1	1	1	1
of nephritis	1	1	1	1	1
testes and ovaries	1	1	1	1	1
muscle and rheumatism	1	1	1	1	1
and of respiratory system	1	1	1	1	1
of nervous system	1	1	1	1	1
leukemia	1	1	1	1	1
and lymphatic neoplasms	1	1	1	1	1
neoplasms of uterus	1	1	1	1	1
neoplasms of breast	1	1	1	1	1
neoplasms of lung, bronchus	1	1	1	1	1
neoplasms of stomach	1	1	1	1	1
live and parasitic diseases	1	1	1	1	1
syphilis	1	1	1	1	1
local infections	1	1	1	1	1
Croup	1	1	1	1	1
diphtheria	1	1	1	1	1
in other	1	1	1	1	1
in respiratory	1	1	1	1	1
CAUSES	1	1	1	1	1