

[Report 1941] / Medical Officer of Health, Merioneth County Council.

Contributors

Merionethshire (Wales). County Council.

Publication/Creation

1941

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REPORT

ON THE

Public Health & Sanitary Conditions

OF THE

County of Merioneth

1941

"Seren" Office, Bala. Tel. 29.

MEDICAL DEPARTMENT,

COUNTY OFFICES,

DOLGELLY

July, 1944

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

Mr. Chairman, Ladies and Gentlemen,

I beg to present the Health Report for 1941, the 40th in the series.

It has been quite impossible to present this at an earlier date due to a variety of causes, principally, other and perhaps more pressing duties. Yet I feel that the loss of statistics in this report is hardly anything more—for one year would be a great loss in the continuity of the series.

It is hoped that the report for 1942 will be ready soon.

I take this opportunity to thank all colleagues, Sanitary Officers, and others who have helped me during this very busy time.

I am,

Your obedient Servant,

E. LEWYS-LLOYD,

County Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS.

The area of the County is not changed, and remains at 422,372 statute acres.

The population of the County as estimated by the Registrar General is 44,860.

EXTRACT FROM VITAL STATISTICS

		<i>Total</i>	<i>M</i>	<i>F</i>		
Live Births	{ Legitimate	579	292	287	}	Birth rate per 1,000
	{ Illegitimate	37	21	16		
						13.17
Still Births	.....	18	16	2	}	Rate per 1,000
						0.40
Deaths	.....	745	363	382	}	Rate per 1,000
						16.60

Deaths from puerperal causes
headings 29 and 30 of the
Registrar General's Short
List :—

	<i>Deaths</i>	<i>Rate</i>
No. 29 puerperal sepsis	1	1.62
No. 30 other puerperal causes	1	1.62
Total	2	3.24

Death rate of Infants under one year of age :—

All Infants per 1,000 live births	74.67
Legitimate infants per 1,000 legitimate live births	70.81
Illegitimate infants per 1,000 Illegitimate live births ..	135.35

Deaths from Cancer (all ages)	91
Deaths from Measles (all ages)	0
Deaths from Whooping Cough (all ages)	2
Deaths from Diarrhoea (under two years of age)	3

BIRTHS.

The number of registered births during the year was 616, of whom 313 were boys and 303 girls ; 579 were legitimate and 37 illegitimate.

The birth rate was 13.17, and the corresponding rate for England and Wales 14.2 per thousand.

DEATHS.

The total number of deaths of residents registered in the County in 1941 is 745, 363 males and 382 females ; the death rate for the County being 16.60, while the corresponding rate for England and Wales was 12.9.

<i>Causes of death</i>	<i>No. of deaths</i>			<i>Deaths Urban Areas</i>		<i>Deaths Rural Areas</i>		<i>Percentage total deaths in 1941</i>	
	<i>Total</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>
Col. 1	2	3	4	5	6	7	8	9	10
Diseases of the circulatory System	212	113	99	58	38	55	61	31	26
Heart Diseases	180	93	87	49	36	44	51	26	23
Cancer, malignant disease	91	39	52	20	24	19	28	11	14
Intra cranial vascular lesions	77	32	45	16	21	16	24	9	12
Acute and Chronic Nephritis	46	18	28	4	16	14	12	5	7
Total deaths from Tuberculosis	42	27	15	14	5	13	10	7	4
Deaths from Pulmonary Tuberculosis	39	26	13	14	4	12	9	7	7
Influenza	27	12	15	6	12	6	3	3	4
Pneumonia	20	9	11	2	4	7	7	3	3

CANCER—MALIGNANT DISEASE.

The total number of deaths from this cause was 91, being less than in 1940, the death rate being 2.20.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

1. *Officers :*

There is no change in the list of Officers since the previous Report.

1. (ii) *Laboratory facilities :*

In 1939 laboratories were established at Conway and Aberystwyth under the Medical Research Council, each in charge of a competent pathologist.

Though these were established as a war measure their value is immense, and it is to be hoped they will find a permanent place in the medical services.

Milk samples continue to be examined at the Dairy Laboratories at Aberystwyth.

1. (ii) (b) *Ambulance facilities :*

(1) For infectious cases an ambulance is provided in connection with the temporary isolation hospital at Corwen.

(2) For non-infectious cases : the two hospitals at Blaenau Festiniog and Towyn have their own ambulances. Bala district possess an ambulance stationed at Bala ; so also the Edeyrnion district, this ambulance is at Corwen.

Dolgelley Urban and Rural Councils with Barmouth Urban Council have acquired an ambulance which is stationed at Stokes Garage, Dolgelley.

The Deudraeth Rural Council with the Portmadoc Council also have an ambulance stationed at Cooke's Explosive Works, Penrhyndeudraeth.

1. (ii) (c) *Nursing in the homes :*

This is carried out by 18 District Nursing Associations who employ State Registered Nurses, Queens' Nurses and "village" and/or independent nurses, all of whom are State Registered Midwives.

The duties of the County Council under the Midwives Act, 1936, have been delegated to the County and District Nursing Associations. The County Council make an annual grant for these services not exceeding £1,500.

The Non-Medical Supervisor of Midwives is Mrs. Eleanor Owen, S.R.N., S.C.M., H.V., who also acts as County Superintendent of general nursing.

Grants are also made to District Nursing Associations for other nursing work carried out for the County Council.

1. (ii) (d) *Treatment Centres and Clinics :*

In the 1938 report these were set out in great detail, and since then there has been no material change to report. These clinics have been held without a break notwithstanding difficulties of transport.

The Medical Officer in charge is Mr. J. Gardiner Wigley, F.R.C.S. (Eng.), and the clinics are held in rotation in the three hospitals of the County.

For cases from Penllyn and Edeyrnion other arrangements are made with Mr. Wigley through the County Medical Officer, and it is important that all applications for these facilities should be sent to the County Offices in the first instance,

Veneréal Diseases :

The County Councils of Merioneth, Anglesey and Caernarvon have established a treatment centre at the Caernarvonshire and Anglesey Infirmary, Bangor. The Centre is open for male patients on Tuesdays, 2—5 p.m., and for female patients on Fridays, from 2—5 p.m. The pathologist under the scheme is Prof. T. B. Davie, M.D., M.R.C.P., The Thompson Yates Laboratories, The University, Liverpool, and specimens should be sent to reach the laboratory on the Thursday in any week.

On application to the County Medical Officer, County Offices, Dolgelley, outfits will be supplied to any Medical practitioner in the County.

During the year 2 specimens for the detection of gonococci were sent to the laboratory from the treatment centre.

For Wasserman tests 11 specimens were sent from the centre, 8 from hospitals and 11 by private practitioners.

SHORT TABULAR STATEMENT OF THE CASES TREATED AT BANGOR CENTRE.

	Syph- ilis		Gon- orr- hoea		Total		To- tal both sexes
	M	F	M	F	M	F	
Number of Cases under treatment or observation. Jan. 1st, 1941 ..	2	2	1	..	3	2	5
Number of cases dealt with for the first time during the year	4	2	1	1	5	3	8
Number of cases discharged after completion of treatment	..	1	..	1	..	2	2
Number of cases remaining Dec. 31, 1941	5	2	1	..	6	2	8
Number of attendances for individual attention of M.O.	45	23	3	2	48	25	73
Inpatient days — aggregate num- ber of 'inpatient' days of treat- ment given	..	..	9	16	9	16	25

HOSPITALS.

The hospitals are as printed in the 1938 report. The County Isolation Hospital at Corwen is fulfilling a distinct need in the County. Its benefits are being appreciated and it is hoped that a well equipped permanent building will be set apart in the near future.

PUBLIC ASSISTANCE.

The two institutions at Dolgelley and Penrhyndeudraeth are in use as Public Assistance Institutions. At the latter place part of the institution is used for mental defectives.

The scheme sanctioned in 1935 by the Committee for the removal of cases to hospitals is in force, and during 1941 5 cases were so removed.

<i>Name of Hospital.</i>	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
C. & A. Infirmary, Bangor... ..		I	I
Dolgelley Cottage Hospital... ..	I		I
Chester Royal Infirmary... ..		I	I
Towyn Cottage Hospital... ..		I	I
Wrexham War Memorial Hospital..	I		I

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

A part of the Institution (Llys Ednyfed) has been set aside for the reception of certified mental defectives of low grade of both sexes over the age of sixteen years. The control of the Institution is in the hands of the Public Assistance Committee.

In addition to this the County Council has entered into agreements with the County Councils of Caernarvonshire and Montgomeryshire for the reception of children under 16 to institutions maintained by these Authorities, and with the County Council of Denbighshire and the Incorporation of National Institutions for the admission of female cases over 16 years.

Particulars of mental defectives as and on 31 December, 1941:

	<i>Males</i>	<i>Females</i>	<i>Total</i>
1. Under "orders"			
(a) In Institutions :			
(i) Under 16 years	1	..	1
(ii) Over 16 years	12	17	29
On licence : Over 16 years	..	1	1
2. Action not yet taken :	..	1	1
Notified by Local Education Authority	..	1	1
3. Mental Defectives in receipt of Poor Law Relief :			
(a) The Public Assistance Institutions not approved under Section 37, of the M.D. Act..	4	12	16
(b) In receipt of domiciliary relief	10	13	33
(c) Otherwise "ascertained" ..	6	11	17

RETURN MADE UNDER THE MIDWIVES ACTS.

	Domiciliary Midwives.	Midwives in Institutions.	TOTAL.
1. Total number of Midwives practising at the end of the year in the area of the County Council:			
(a) Employed by the Local Supervising Authority... ..	0	1	1
(b) Normally employed by other Local Supervising Authority but temporarily working in the area	1	0	1
(c) Employed by Voluntary Associations:—			
(i) under arrangements made with the Local Supervising Authority under Sect. 1 of the Midwives Act 1936	23	0	23
(ii) Others	0	6	6
(d) In private practice	17	0	17
TOTALS	41	7	48
2. Number of cases in the area attended during the year by Midwives:			
(a) Employed by the Council—			
as Midwives	0	1	1
as Maternity Nurses	0	1	1
(b) Employed by Voluntary Associations:			
(i) under arrangements made with the Local Supervising Authority under Sect. 1 Midwives Act 1936—			
as Midwives	282	0	282
as Maternity Nurses	195	0	195
(ii) Others—			
as Midwives	0	50	50
as Maternity Nurses	0	36	36
(c) In private practice—			
as Midwives	4	0	4
as Maternity Nurses	2	0	2
TOTALS—as Midwives	286	51	337
as Maternity Nurses	197	37	234

3. Number of cases in which medical aid was summoned during the year under Sect. 14 (i) of the Midwives Act 1918, by a midwife:—

(i) for domiciliary cases... .. 111

(ii) for cases in Institutions 16

— 127

Notified Births.

	<i>No. of Births</i>		<i>No. of Births notified by State certified midwives</i>	<i>No. of cases attended by doctors and midwives</i>	<i>Notifications received from Registrars of births</i>
	<i>Registered</i>	<i>Notified</i>			
<i>Col. 1.</i>	2	3	4	5	6
County of Merioneth	591	555	335	219	1
Total Urban Dist.	263	322	197	125	..
Total Rural Dist.	328	233	138	94	1
Urban Districts :					
Bala	18	17	8	9	..
Barmouth ..	35	45	20	25	..
Dolgelley	39	53	24	29	..
Festiniog	131	121	86	35	..
Towyn	40	86	59	27	..
Rural Districts :					
Deudraeth ..	98	80	44	36	..
Dolgelley	115	61	35	26	..
Edeyrnion ..	75	59	44	14	1
Penllyn	39	33	15	15	..
Pennal C.P. ...	2	..	..	..	..

INFANT WELFARE CENTRES

<i>Centre</i>	<i>No. of Meetings</i>	<i>Total number of children in attendance</i>			<i>Average number of children in attendance</i>			<i>Number children attendance the first time</i>	
		<i>Total</i>	<i>Under one</i>	<i>One to five</i>	<i>Total</i>	<i>Under one</i>	<i>One to five</i>	<i>Total</i>	<i>Under One</i>
Bala	25	424	184	240	17	7	9	25	18
Barmouth	23	640	228	412	28	10	18	73	47
Corwen . .	11	111	32	79	10	3	8	15	15
Dolgelley	26	523	157	366	20	6	14	18	15
Festiniog	23	551	287	264	24	12	11	55	40
Harlech . .	12	181	101	80	15	9	7	18	14
Penrhyn	24	426	102	324	18	4	14	24	20
Towyn . .	25	822	347	475	33	14	19	69	54
Trawsfynydd . .	12	141	65	76	12	6	6	19	17
Total									
Average	181	3819	1503	2316	21	8	13	316	240

INFANT MORTALITY.

Showing the causes of death and number of infants who died under one year of age in the several districts in the County, 1941

URBAN AREAS											RURAL AREAS					Total County
Cause of Death						Total Urban Areas	Dendraeth	Dolgelly	Edeyrnion	Penllyn	Penmael C.P.	Total Rural Areas				
Col. 1.	Bala	Barmouth	Dolgelly	Festiniog	Towyn	7	8	9	10	11	12	13	14			
1 Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..			
2 Bronchitis	..	..	..	..	..	..	..	1	1	..	..	2	2			
3 Pneumonia	..	..	..	2	..	2	2	1	..	1	..	4	6			
4 Gastro-enteritis	..	1	..	2	..	3	..	..	1	..	..	1	4			
5 Marasmus	..	..	..	..	..	..	..	..	..	2	..	2	2			
6 Convulsions	..	..	..	..	..	..	2	1	..	..	..	3	3			
7 Prematurity	1	2	..	4	..	7	2	1	1	..	..	4	11			
8 Asphyxia Neonatorum	1	..	1	1	..	3	..	4	1	..	..	5	8			
9 Difficult Labour	..	..	..	1	1	2	..	..	..	..	..	..	2			
10 Congenital causes	..	..	..	1	..	1	..	1	..	..	..	..	3			
11 Other defined diseases	1	..	1	1	..	3	1	..	1	..	..	2	5			

Showing the causes of deaths of infants under one year of age and the ages at death, 1941

	Cause of death	Numbers of deaths of infants at the several age periods										
		Under one week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 1 month	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2-12 months	Total under 12 months
1	Whooping Cough	..	..	..	..	..	..	..	..	..	..	..
2	Bronchitis	1	..	..	..	1	..	..	..	..	..	1
3	Pneumonia	..	..	1	..	1	2	2	2	..	6	7
4	Gastro-enteritis	..	..	..	..	..	3	..	1	..	4	4
5	Marasmus	..	..	..	1	1	1	..	..	..	1	2
6	Convulsions	..	..	3	..	3	1	..	..	..	..	3
7	Prematurity	..	1	1	..	1	..	..	..	..	..	1
8	Asphyxia Neonatorum	9	..	..	..	1	..	..	..	..	..	1
9	Difficult Labour	7	..	..	..	7	..	..	..	..	..	7
10	Congenital causes	2	..	..	..	2	..	..	..	..	..	2
11	Other defined diseases	3	..	..	..	3	1	..	..	..	..	3
		1	..	..	2	3	1	1	..	1	3	6

Col. 1.

Showing the rate per 1,000 live births of the deaths of mothers at childbirth in the County, with similar rates for England and Wales.

<i>Period</i>	<i>Puerperal Fever</i>		<i>Other accidents and diseases of Pregnancy</i>		<i>Totals of Columns 2 and 3 and 4 and 5</i>	
	<i>Merioneth</i>	<i>England and Wales</i>	<i>Merioneth</i>	<i>England and Wales</i>	<i>Merioneth</i>	<i>England and Wales</i>
<i>Col. 1.</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
1911-1915 ..	2.6	1.5	5.4	2.3	8.0	3.6
1916-1920 ..	1.3	1.6	4.3	2.3	5.6	3.9
1921-1925 ..	1.8	1.6	2.7	2.5	2.7	4.1
1926-1930 ..	1.7	1.7	3.8	2.5	5.5	4.3
1931-1935 ..	2.2	1.8	5.1	2.4	6.8	4.3
1936-1940 ..	0.8	0.9	3.0	2.1	3.7	3.0
1941 ..	1.62	0.48	1.62	1.75	3.24	2.2

HEALTH VISITING.

<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 of age</i>
	<i>Primary Visits</i>	<i>Total Visits</i>		
Aberdovey	23	87	119	206
Bala	42	247	335	582
Barmouth	44	123	170	293
Corris	2	17	65	82
Corwen	61	202	298	500
Dinas Mawddwy	13	73	42	115
Dinmael	7	33	33	66
Dolgelley	47	254	397	651
Dyffryn	16	52	135	187
Fairbourne	18	60	63	123
Festiniog	119	362	605	967
Harlech	18	74	144	218
Llanbedr	10	33	49	82
Llanegryn	7	42	86	128
Maentwrog	10	52	59	111
Penrhyndeudraeth	27	96	221	317
Towyn	35	132	133	265
Trawsfynydd	16	164	130	294
<i>Totals</i>	506	2103	3084	5187

Name of Article	No. of Samples	Results of Analyses		Legal proceedings Fines and costs	Information as to previous convictions	If no legal proceedings what course adopted	Remarks
		Genuine	Adul- terated				
Milk ..	54	42	12	1. 2. 3. £5 fine and £3/12/- costs. 4. 5. £10 fine and £3/12/- costs. 6. £5 fine and £2/17/- costs. 7. £1 fine and £1/10/- costs. 8. 9. £3 fine and £4/13/- costs. 10. 11. £1 fine and £4/13/- costs. 12.		Cautioned No action , Cautioned No action No pro- ceedings No pro- ceedings	<i>F.P.—(Freezing point)</i> 8% deficient in fat. 'Appeal to Cow' giving milk below standard for fat. Slightly below standard for solids not fat. F.P. normal. 2% added water. 'Appeal to Cow' above standard. 3% added water. 'Appeal to Cow' up to standard for fat. 53% added water. 'Appeal to Cow' above standard. 11% deficient in fat. 3% added water. 8% deficient in fat. 'Appeal to Cow' above standard. Slightly below standard for solids not fat. F.P. normal. 17% added water. 'Appeal to Cow' above standard. 5% deficient in fat. 'Appeal to Cow' milk below standard for fat. 8% added water. 'Appeal to Cow' above standard for fat. F.P. normal. Slightly below standard for solids not fat. F.P. normal.
Butter..	3	3	0			No pro- ceedings	

Active immunisation against diphtheria was started in the County in 1940, and by 1941 all the District Councils had delegated this work to the County Council, under Section 177 of the Public Health Act 1936.

There is a temporary Isolation Hospital at Colomendy, Corwen, and was opened in September 1940 for the accommodation of cases of Diphtheria and Scarlet Fever.

1941.—Numbers of Cases admitted to the Hospital.

[illegible]

New Cases of and Mortality from Tuberculosis. Figures taken from notification received and death returns, 1941.

Age Periods	New Cases				Deaths			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
0-1	..	..	..	..	..	..	..	..
1-5	..	..	..	1	..	..	..	..
5-15	2	2	4	4	..	..	..	..
15-25	8	7	1	..	6	4	..	..
25-35	5	4	2	1	1	2	1	1
35-45	11	2	1	..	4	2	..	..
45-55	6	2	..	..	6	3	..	..
55-65	7	1	..	1	6	..	..	1
65 & up wards	8	..	1	..	6	..	..	..
Total..	47	18	9	7	29	11	1	2

Cases sent to Hospital and Sanatoria

	RESIDENTIAL					
	HOSPITAL			SANATORIUM		
	PULMONARY		NON-PULMONARY	PULMONARY		Doubtful
	Definite Pulmonary Tuberculosis	Doubtful	Definite Non-Pulmonary Tuberculosis	Doubtful	Definite Tuberculosis	Doubtful
In Institutions 1st day of January, 1941	12	..	9	..	13	5
Number admitted during the year 1941	31	1	9	2	20	6
Number transferred	..	..	..	..	..	2
TOTAL	43	1	18	2	33	13
<i>Discharged</i> <i>Quiescent</i>	1	..	12	..	8	..
" <i>Improved</i>	14	..	2	..	6	..
" <i>No material Improvement</i>	4	..	1	..	2	..
Doubtfully tuberculous <i>Discharged</i> as tuberculous	..	1	..	1	..	1
" " " as non-tuberculous	..	..	..	..	..	5
" " " as doubtfully tuberculous ..	..	..	..	1	..	1
Number who died in Institutions	9	..	1	..	2	..
Number transferred	..	..	..	..	2	..
Number in Institutions 31st December, 1941	15	..	2	..	13	6

TUBERCULOSIS

STATEMENT OF CASES EXAMINED.

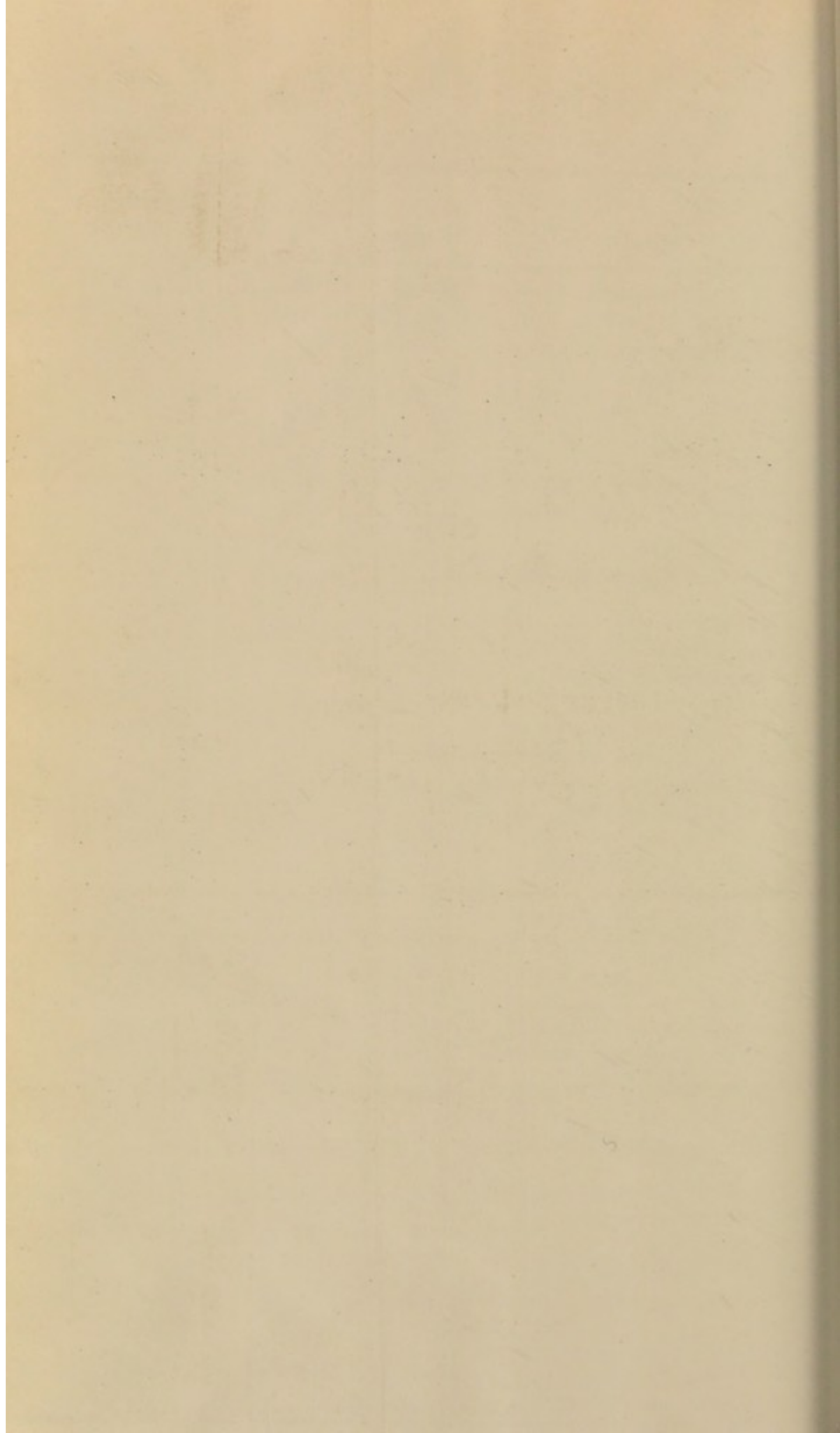
Number of new cases examined	466
Number found tuberculous—Pulmonary... ..	49
Non-Pulmonary	7
Number found non-tuberculous	289
Number of other cases previously found on re-examination to be tuberculous:—Pulmonary... ..	8
Non-Pulmonary	2
Number found to be non-tuberculous... ..	31

1
2
3

URBAN AREAS

AREAS

URBAN AREAS													RURAL AREAS					TOTAL COUNTY	
No.	CAUSES OF DEATH	All Ages	under 1	1 and	5 and	15 and	45 and	65 and	All Ages	under 1	1 and	under 15	15 and	45 and	65 and	65 and	TOTAL COUNTY		
			year	under 5 years	under 15 years	under 45 years	under 65 years	years and upwards		year	under 5 years	years	under 45 years	under 65 years	upwards				
		M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	F	M F	M F	M F	M F			
1	ALL AGES	178 174	10 11	5 6	2 4	15 17	52 40	94 96	185 208	14 11	1 ..	4	21 24	35 38	110 131	363 382			
2	Typhoid & Paratyphoid Fever	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1	.. 1	.. ..	.. ..	.. 2			
3	Cerebro-Spinal fever	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1			
4	Scarlet fever	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2 5			
5	Whooping Cough	1 1	1 ..	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2	.. 1	.. ..	.. ..	1 1			
6	Diphtheria	1 2	.. ..	1 1	.. 1	.. ..	.. ..	.. 1 3	.. ..	.. ..	.. ..	.. ..	6 8	3 1	3 ..	26 13			
7	Tub. of respiratory system	14 4	.. ..	.. ..	.. ..	4 2	7 2	3 ..	12 9	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..	1 2			
8	Other forms of Tuberculosis	.. 1	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	1 1	.. ..	.. ..	.. ..	1 ..	1 ..	.. ..	1 1			
9	Syphilitic diseases	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1 1	.. ..	.. ..	.. ..	.. ..	.. ..	1 1	3 2	12 15			
10	Influenza	6 12	1 ..	.. ..	.. ..	1 2	2 2	3 7	6 3	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..			
11	Measles	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..			
12	Acute poliomyelitis and polio-encephalitis	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..			
13	Acute infantile encephalitis	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..			
14	Cancer of buccal cavity	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	3	.. ..	.. ..	.. ..	.. ..	1	2	3			
15	Oesophagus (M), uterus (F)	.. ..	.. ..	.. ..	.. ..	.. ..	1 2	4 4	9 4	.. ..	.. ..	1	.. ..	5 1	3 3	14 10			
16	Cancer of stomach & duodenum	5 6	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	8			
17	Cancer of breast	.. 3	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	5	.. ..	.. ..	.. ..	1 ..	2	10 10	25 31			
18	Cancer of all other sites	15 15	.. ..	.. ..	.. ..	2 ..	6 6	7 9	10 16	.. ..	.. ..	.. ..	1 ..	1 ..	1	3 4			
19	Diabetes	3 1	.. ..	.. ..	.. ..	.. ..	1 ..	3 ..	3	.. ..	.. ..	.. ..	1 ..	.. ..	13 18	32 45			
20	Intra cranial vascular lesions	16 21	.. ..	.. ..	.. ..	1 ..	3 8	13 12	16 24	.. ..	.. ..	.. ..	.. ..	3 6	36 41	93 87			
21	Heart diseases	49 36	.. ..	.. ..	.. ..	2 3	17 7	30 26	44 51	.. ..	.. ..	.. ..	1 3	7 7	.. ..	20 12			
22	Other diseases of circulatory system	9 2	.. ..	.. ..	.. ..	1 ..	1 ..	8 1	11 10	.. ..	.. ..	.. ..	1	2 1	9 8	19 21			
23	Bronchitis	9 9	.. ..	.. 2	.. ..	1 ..	1 1	8 5	10 12	.. 1	.. ..	.. ..	3 1	7 10	9 11	21			
24	Pneumonia	2 4	1 ..	1 ..	.. ..	.. ..	.. ..	4 7	7 7	2 2	.. ..	.. ..	1 ..	1 1	2 4	9 11			
25	Other respiratory diseases	6 3	.. ..	.. ..	.. ..	1 ..	5 1	1 1	1 1	.. ..	.. ..	.. ..	1 ..	1 ..	1 3	6 4			
26	Ulcer of stomach & duodenum	3 ..	.. ..	.. ..	.. ..	1 ..	.. ..	2 ..	3 4	.. ..	.. ..	.. ..	.. ..	.. ..	2 1	.. ..			
27	Diarrhoea under 2 years	2 1	2 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1	.. ..			
28	Appendicitis	1 1	.. ..	1 ..	.. ..	1 ..	.. ..	.. ..	6 5	.. ..	.. ..	.. ..	1 ..	1 3	1 2	8 11			
29	Other digestive diseases	2 6	.. ..	.. ..	.. ..	1 ..	2 5	2 10	14 12	.. ..	.. ..	.. ..	4 2	3 2	7 8	18 23			
30	Nephritis	4 16	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	1			
31	Puerperal & post abortion sepsis	.. ..	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	6 7			
32	Other maternal causes	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..			
33	Premature birth	2 5	2 5	.. ..	.. ..	.. ..	.. ..	.. ..	4 2	4 2	.. ..	.. ..	.. ..	.. ..	.. ..	9 10			
34	Congenital malformations	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	4 6	.. ..	1	.. ..	.. ..	.. ..	.. ..	1 2			
35	Birth injuries, infant diseases	5 4	4 3	1 1	.. ..	.. ..	.. ..	.. ..	1 2	.. ..	.. ..	.. ..	1 1	.. ..	.. ..	2 ..			
36	Suicide	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1	.. ..	.. ..	.. ..	1 ..	.. ..	1 3	7 8			
37	Road traffic accidents	1 ..	.. ..	.. ..	1 ..	2 ..	2 ..	3	3 3	.. ..	.. ..	.. ..	1 ..	.. ..	.. ..	.. ..			
38	Other violent causes	4 5	.. 1	.. 1	.. ..	2 ..	3 3	10 8	20 18	1 1	.. ..	.. ..	2 2	2 3	15 12	38 33			
39	All other causes	18 15	.. ..	1 ..	1 2	3 2	3 3	10 8	20 18	1 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..			



NUMBER OF DEATHS IN SEVERAL SANITARY DISTRICTS

URBAN AREAS RURAL AREAS

No.	CAUSES OF DEATH	Bala U.D.	Barmouth U.D.	Dolgellay U.D.	Festiniog U.D.	Towyn U.D.	Total Urban Areas	Deudraeth R.D.	Dolgellay R.D.	Edeyrnion R.D.	Penllyn R.D.	Pennal C.P.	Total Rural Areas	Total County
		M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F
	<i>ALL CAUSES</i>	11 19	22 28	33 19	80 64	32 44	178 174	53 60	66 72	44 45	21 27	1 4	185 208	363 382
1	Typhoid & paratyphoid Fever	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
2	Cerebro-spinal Fever	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
3	Scarlet Fever	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
4	Whooping Cough	.. ..	.. ..	.. 1	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
5	Diphtheria	.. ..	1 ..	.. ..	.. 2	.. ..	1 2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1
6	Tb. of Respiratory System	.. ..	2 2	4 ..	7 ..	1 2	14 4	6 3	2 4	3 1	1 1	.. ..	1 3	2 5
7	Other forms of Tuberculosis	.. ..	.. ..	.. ..	.. 1	.. ..	.. 1	1 ..	.. 1	.. ..	.. ..	.. ..	1 1	26 13
8	Syphilitic diseases	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	1 ..	.. ..	.. ..	.. ..	.. ..	1 1	1 2
9	Influenza	.. 1	.. 6	.. ..	5 4	1 1	6 12	3 ..	3 1	.. 2	.. ..	.. ..	6 3	12 15
10	Measles	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
11	Acute poliomyelitis and polio- encephalitis	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
12	Acute infantile encephalitis	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
13	Cancer of the buccal cavity	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
14	Cancer of the stomach & duo- denum	.. 1	.. 1	.. 1	4 ..	1 3	5 6	3 1	2 1	2 1	2 1	.. ..	9 4	14 10
15	Cancer of breast	.. ..	.. ..	.. ..	.. ..	.. 3	.. 3	.. 2	.. 3	.. ..	.. ..	.. ..	.. 5	.. 8
16	Cancer of all other sites	.. 1	3 2	6 2	3 5	3 5	15 15	2 4	2 4	5 5	1 2	.. 1	10 16	25 31
17	Diabetes	.. ..	.. 1	.. ..	2 ..	1 ..	3 1	.. ..	.. 2	.. 1	.. ..	.. ..	.. 3	3 4
18	Intra cranial vascular lesions	2 ..	3 2	2 2	6 10	3 7	16 21	3 8	9 10	3 1	1 5	.. ..	16 24	32 45
19	Heart diseases	2 2	8 6	7 4	24 16	8 8	49 36	14 17	18 17	7 10	4 5	1 2	44 51	93 87
20	Other diseases of circulatory system	2 ..	2 ..	4 1	.. 1	1 ..	9 2	1 ..	6 2	.. 2	4 6	.. ..	11 10	20 12
21	Bronchitis	.. 2	.. ..	3 2	5 4	1 1	9 9	2 3	5 7	2 2	1 ..	.. ..	10 12	19 21
22	Pneumonia	.. 1	.. ..	1 ..	1 1	.. 2	2 4	1 3	4 1	.. 2	2 1	.. ..	7 7	9 11
23	Other respiratory diseases	.. 1	.. 1	.. ..	4 ..	2 1	6 3	.. ..	.. 1	1 ..	.. ..	.. ..	1 1	7 4
24	Ulcer of stomach & duodenum	1 ..	.. ..	.. ..	1 ..	1 ..	3 ..	1 ..	.. 3	2 ..	.. 1	.. ..	3 4	6 4
25	Diarrhoea under 2 years	.. ..	1 ..	.. ..	1 1	.. ..	2 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2 1
26	Appendicitis	.. ..	.. ..	.. 1	1 1	.. ..	1 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1
27	Other digestive diseases	1 3	.. ..	1 ..	.. 3	.. ..	2 6	2 2	1 1	2 2	1 ..	.. ..	6 5	8 11
28	Nephritis	.. 3	1 5	2 3	1 3	.. 2	4 16	5 6	4 5	3 ..	2 1	.. ..	14 12	18 28
29	Puerperal and post abortion sepsis	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..	.. ..	.. ..	.. ..	.. 1	.. 1
30	Other maternal causes	.. ..	.. ..	.. ..	.. ..	.. 1	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1
31	Premature birth	.. 1	1 1	.. ..	1 3	.. ..	2 5	1 1	3 ..	.. 1	.. ..	.. ..	4 2	6 7
32	Congenital malformations, birth injuries, infant diseases	1 ..	.. ..	1 ..	2 4	1 ..	5 4	1 1	2 1	1 2	.. 2	.. ..	4 6	9 10
33	Suicide	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 1	.. ..	.. 1	.. ..	.. ..	1 2	1 2
34	Road traffic accidents	.. ..	.. ..	.. ..	1 ..	.. ..	1 ..	.. ..	.. ..	1 ..	.. ..	.. ..	1 ..	2 ..
35	Other violent causes	1 ..		.. 2	2 3	1 ..	4 5		1 1	2 1	.. 1		3 3	7 8
36	All other causes	1 3	.. 1	2 1	8 2	7 8	18 15	5 5	4 5	9 6	2 1	.. 1	20 18	38 33

REPORT

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