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ANNUAL REPORT

OF THE

Medical Officer of Health

For the YEAR 1943,

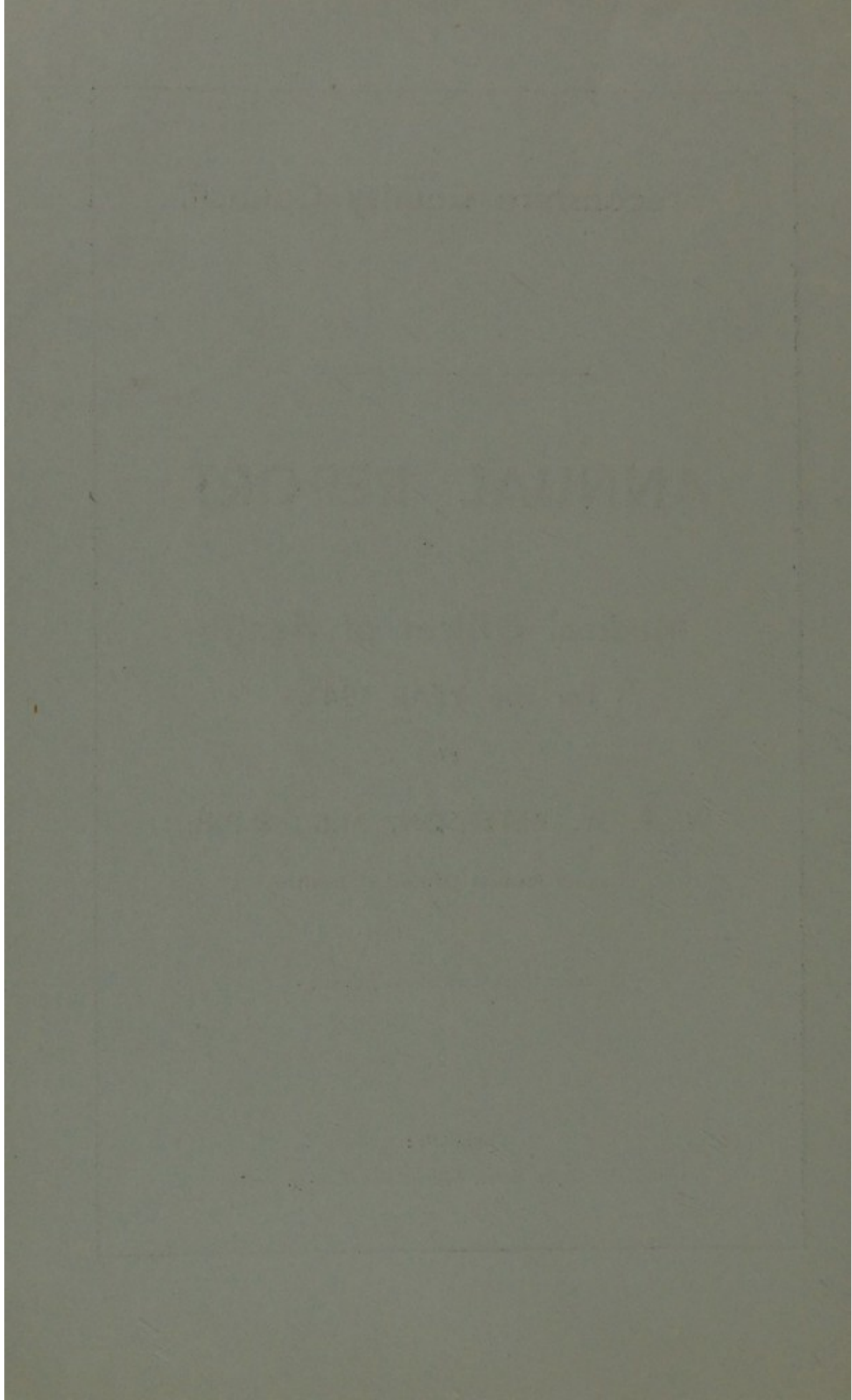
BY

W. F. W. BETENSON, M.B., D.P.H.,

County Medical Officer of Health.

BRECON :

Printed by Sayce Bros., Express and County Times.



Breconshire County Council.

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For the YEAR 1943,

BY

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County Medical Officer of Health.

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St. Louis County Council

ANNUAL REPORT

1911

Medical Officer of Health

for the Year 1911

By

J. W. STANTON, M.D.

County Council, St. Louis, Mo.

Printed

by the County Council, St. Louis, Mo.

To the Chairman and Members of the Breconshire
County Council.

I have the honour to submit to you my Twelfth Annual Report on the Vital Statistics and Sanitary Conditions of Breconshire for the year 1943.

The death rate for the year was 13·18 compared with 12·1 for England and Wales and 12·60 for the County in 1942.

The Birth Rate for Live Births was 15·96 compared with 16·5 for England and Wales and the Birth Rate for Still Births was 0·84 compared with 0·5 for England and Wales, the corresponding Birth Rates for the County in 1942 being Live Births 16·40 and Still Births 0·68.

The Infantile Mortality rate for the year was 42·35 compared with 49 for England and Wales and 56·04 for the County in 1942.

The number of deaths of Mothers during childbirth was 1, giving a rate per 1,000 total births of 1·11 compared with 3 deaths and a rate of 3·16 in 1942. The rate for England and Wales for 1943 being 11·68.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

W. F. W. BETENSON,
County Medical Officer of Health.

County Health Offices,
Watton, Brecon,
14th November, 1944.

Telephone—Office : Brecon 214.
Home : Brecon 167.

MEDICAL OFFICERS OF HEALTH IN THE COUNTY.

Brecon Urban ; and Rural ;	}	Dr. T. C. R. George, Steeple Lane, Brecon.
Builth Urban ; and Rural ;		
Hay Urban ; and Rural ;		
Llanwrtyd Wells Urban :		
Brynmawr Urban :		Dr. S. N. Chopra, Dunedin House, Alma Street, Brynmawr.
Crickhowell Rural :		Dr. J. S. Townley, Brynrhos, Crickhowell.
Vaynor and Penderyn :		Dr. T. H. Stephens, 25, Victoria Street, Merthyr Tydfil.
Ystradgynlais Rural :		Dr. Glyn M. Jones, Tanywern Lane, Ystalyfera.

SANITARY INSPECTORS IN THE COUNTY.

Brecon Urban :	Mr. H. T. Jones, Steeple Lane, Brecon.
Brynmawr Urban :	Mr. Eli Thomas Hall, M.S.I.A., Council Offices, Brynmawr.
Builth Wells Urban :	Mr. Douglas D. Lloyd, Builth Wells.
Hay Urban :	Mr. Wm. D. Morgans, Hay.
Llanwrtyd Wells Urban :	Mr. Rhys Williams, Irvon Crescent, Llanwrtyd.
Brecon Rural :	Mr. W. L. Pritchard, County Hall, Brecon.
Builth Rural :	Mr. John Evans, Bryneithyn, Erwood.
Crickhowell Rural :	Mr. E. R. Morgan, Pentwyn, Gilwern.
Hay Rural :	Mr. Garfield G. Evans, Tower House, Talgarth.
Vaynor and Penderyn Rural :	Mr. E. J. Hughes, A.R.S.I., 25, Victoria Street, Merthyr Tydfil
Ystradgynlais Rural :	Mr. Griffith J. Rees, C.R.S.I., M.R.S.I., M.I.S.A. (Lond.) by examination, Ddowled, Station Rd., Ystradgynlais.

NURSING ARRANGEMENTS.

Associations carrying out part-time work for the County Council:—

Name of Association.	Part-time duties.	Annual Grant paid by County Council
1 Abercrave	.. Health Visiting only	£50
2 Beulah (Llwynmadoc)	.. Health Visiting and School Nursing	£50
3 Brecon (Llanfaes, etc.)	.. do.	£50
4 Builth Wells	.. do.	£50
5 Bwlch	.. do.	£20
6 Cefn Coed	.. do.	£50
7 Crickhowell	.. do.	£100
8 Devynock	.. do.	£50
9 Erwood and Llyswen	.. do.	£50
10 Hay and Cusop	.. do.	£50
11 Llanelly (Clydach & Darenfelen)	.. do.	£100
12 Llangorse	.. do.	£50
13 Llanigon and Glasbury	.. do.	£50
14 Llanwrtyd Wells	.. do.	£50
15 Llanwrthwl	.. do.	£40
16 Newbridge-on-Wye	.. do.	£30
17 Talgarth	.. do.	£50
18 Ystradgynlais	.. Health Visiting only	£50

FOR INFECTIOUS DISEASES.—Generally speaking the above arrangements suffice for the nursing of infectious cases in the separate districts. Arrangements have been made for the admission of Puerperal Fever and Puerperal Pyrexia cases to the Tydfil Lodge Hospital, Merthyr Tydfil, at £3 3s. per week. Serum for Puerperal Fever is supplied to Medical Practitioners.

MATERNITY SERVICES.

1.—Supervision of Midwives—

Fifty-six Midwives notified their intention to practice in the County, and 9 to leave the County. Of these 49 were residents and 7 reside outside the County, but take cases within the County. Of these—

- 9 were resident in Institutions,
- 11 were in independent practice,
- 31 were attached to District Nursing Associations,
- 2 were County Council whole-time employees, and
- 1 is employed by the County Nursing Association as relief nurse.

Notification of Births—

The following notifications of births were received from midwives during the year:—Live Births 770, Still Births 38, making a total of 808.

These births were notified by:—

County Council Midwives	...	45
District Nurse Midwives	...	500
Private Midwives		80
Hospital and Institutional Midwives	...	174

and in addition 4 notifications were received from Doctors making a total of 812.

Notifications received from Midwives during 1943 under Section

304 Forms of sending for Medical Aid were received:—
265 for mothers and 39 for children.

An analysis of the causes given for summoning medical aid is given below:—

FOR THE MOTHER:

Eclampsia	...	—
Toxæmia of pregnancy	...	1
Miscarriage, Abortions, actual or threatened	...	15
Contracted Pelvis	...	2
Hæmorrhage, ante and post partum	...	17
Prolonged obstructed labour and inertia	...	67
Prolapse of cord	...	1
Malpresentation or malposition	...	10
Other illnesses during Pregnancy	...	4
Retained or adherent placenta or mem branes	...	6
Ruptured perineum	...	90
Unsatisfactory condition of mother	...	10
Twin pregnancy	...	—
Pyrexia	...	15
Phlebitis	...	1
Placenta Prævia	...	1
Premature Labour	...	4
Albuminuria	...	12
Breech	...	8
V. Veins	...	—
Vaginal Discharge	...	1

FOR THE CHILD:

Still Birth	...	2
Premature or feebleness of child	...	14
Deformity or abnormality of child	...	5
Eye affections of child	...	11
Other conditions	...	2
Pemphigus	...	—
Skin condition	...	1
Illness of Infant	...	3
Fœtal Distress	...	1

Breaches of Central Midwives Board Rules.—No breaches of the rules occurred in the year.

2.—Complicated Maternity Cases.—No Maternity Wards are yet provided or subsidised by the County Council. There is a maternity ward in the County War Memorial Hospital at Brecon, one in the Crickhowell War Memorial Hospital, and Builth Cottage Hospital. A scheme is in operation for the admission of Complicated Maternity Cases to the following:—Brecon County War Memorial Hospital, Builth Wells Cottage Hospital, Crickhowell War Memorial Hospital, Nantyglo and Blaina Hospital, Cardiff Royal Infirmary, Penrhiwtyn Infirmary (Neath), Rheanfa Nursing Home, Swansea, and Tydfil Lodge, Merthyr Tydfil.

The above institutions, with the exception of the three latter, are Voluntary Institutions.

During 1943 the following cases were dealt with under the Scheme:—

Brecon—21. Builth—10. Penrhiwtyn—23. Tydfil Lodge—8. Cardiff Infirmary—4. Nantyglo and Blaina—3. Crickhowell—8. Brecon P.A.I.—4. Hay P.A.I.—2. Gwaunfarren—1. Swansea General Hospital—1.

No arrangements are made for the admission to hospital of normal maternity cases, other than for Evacuees, for whom special arrangements have been made at Gwaunfarren Maternity Home, Merthyr, and Llanfrechfa Grange Maternity Home, Nr. Caerleon, both institutions being run by the Government.

3. Obstetric Surgeons.—The Services of Consultant Obstetric Surgeons are available, as follows:—

Dr. J. Lloyd Davies, Granville, St. James' Crescent, Swansea (Telephone: Swansea 1874), for the Areas of Builth and Llanwrtyd Wells Urban, and Brecon (Defynock), Builth and Ystradgynlais Rural.

Dr. R. G. Maliphant, 49, Cathedral Road, Cardiff (Telephone: Cardiff 7473), for the Areas of Brecon, Brynmawr and Hay Urban, and the Rural Districts of Brecon (Llangorse and Merthyr Cynog), Crickhowell, Hay, Vaynor, and Penderyn.

As reserve.—Dr. Arwyn Evans, 6, Cathedral Road, Cardiff. (Telephone—Cardiff, 428).

During the year, 11 cases were examined as compared with 3 in 1942.

4. Maternity and Nursing Homes.—There are no Maternity Homes in the County registered under the Midwives and Maternity Homes Act, 1926. One Nursing Home is registered under the Nursing Homes Registration Act, 1927.

5. Health Visiting.—The Health Visiting Service in the County consists of 4 whole-time Health Visitors who also do School Nursing, and 20 part-time Health Visitors and School Nurses. Nurse S. M. Thickens was appointed your whole-time School Nurse and Health Visitor at Cefn Coed and commenced duties on 18th March, 1943.

Particulars of the number of visits paid to mothers and babies are to be found in Table VII appended.

6. Clinic and Treatment Centres, Maternity and Child Welfare—

The following Table shows the Maternity and Child Welfare Centres in existence in the County during the year:—

Centre and Place of Meeting.	Day and Time of Meeting.
1 Abercrave—Miners' Welfare Hall ..	2nd Tuesday in month at 2 p.m.
2 Brecon—Watton Chapel Schoolroom ..	3rd Friday in month at 2 p.m.
3 Brynmawr—School Clinic ..	1st Wednesday in month at 2 p.m.
4 Builth Wells—Park House, Park Road, Builth Wells ..	1st Tuesday in month at 2 p.m.
5 Cefn Coed—School Clinic ..	1st and 3rd Monday in month at 2 p.m.
6 Clydach—Welfare Hall ..	2nd Thursday in month at 2 p.m.
7 Colbren—Miners' Welfare Hall ..	2nd Monday in month at 2 p.m.
8 Crickhowell—Church Hall ..	2nd and 4th Thursday in month at 1.30 p.m.
9 Cwmtwrch—Miners' Welfare Hall ..	4th Wednesday in month at 2 p.m.
10 Darentelen—Welfare Hall ..	2nd Thursday in month at 1.30 p.m.
11 Defynnock—Reading Room, Sennybridge ..	3rd Tuesday in month at 2 p.m.
12 Hay—Wesley Hall, Oxford Road ..	4th Thursday in month at 10 a.m.
13 Llanwrtyd Wells—War Mem. Institute..	1st Friday in month at 2 p.m.
14 Penderyn—Nebo Schoolroom, Hirwaun ..	4th Monday in month at 2 p.m.
15 Talgarth—Town Hall ..	4th Tuesday in month at 2 p.m.
16 Ystradgynlais—School Clinic ..	1st and 3rd Thursday in month at 2 p.m.

7. Ante-Natal Clinics.—Ante-Natal Clinics are held as follows in the same premises as for Maternity and Child Welfare Centres, with the exception of Brecon (see below).

1. Abercrave.—2nd and 4th Tuesdays, a.m.
2. Brynmawr.—1st and 3rd Wednesdays, a.m.
3. Cefn Coed.—1st and 3rd Mondays, p.m.
4. Hay.—4th Thursday, a.m.
5. Ystradgynlais.—1st and 3rd Thursdays, a.m.
6. Brecon—2nd Friday, a.m. (in First-Aid Post at Brecon War Memorial Hospital).
7. Builth—1st Tuesday in month at 2 p.m.

8. Ante-Natal Scheme.

During 1943, 209 examinations were made under this scheme,
 170 First Examinations;
 26 Second Examinations;
 1 Third Examination;
 12 Post-Natal Examinations;
 at a cost of £58. 15s. 0d., compared with 218 examinations in 1942 at a cost of £61. 15s. 3d.

9. **Institutional Provision for Unmarried Mothers, Illegitimate Infants, and Homeless Children in the District.**—No provision is made by the County Council.

10. **ORTHOPÆDIC WORK.**—The treatment of Orthopædic cases is undertaken and the services of Mr. Parker, Prince of Wales' Hospital, Cardiff, are available. An orthopædic sister, Miss Ivy B. Leefe, is also engaged as a Part-time Officer.

Table shewing Cases referred to Orthopædic Surgeon.

CENTRE. DATE OF EXAMINATION.	Brecon 16/7/43	Brynmawr 30/9/43	Ystradgynlais 28/10/43	Totals
1. Number of Children called up for examination ..	10	27	28	65
2. Number of children Present and Examined ..	10	23	19	52
3. Number found not to require Treatment ..	1	1	—	2
4. Number found to require Domiciliary or Clinic Treatment ..	7	21	19	47
5. Number found to require Hospital Treatment ..	2	1	—	3
6. For X'Ray ..	—	—	—	—

DAY NURSERIES AND SCHOOL CLINICS.—At present there are no Day Nurseries in existence in the County. The County Council have, from 1st January, 1943, taken over the War-time Nursery at Brynmawr.

TUBERCULOSIS.—The Treatment of Tuberculosis in the County is carried out by the Welsh National Memorial Association to King Edward VII, and Table VI appended shows the work of the Association in the County during the year 1943. Table V shows the number of cases notified on Form "A" during the year.

VENEREAL DISEASES.—The Breconshire County Council has an agreement with the General and Eye Hospital, Swansea, for the treatment of these cases. The figures relating to patients treated at this Institution and others during 1943 are as follows:

1. Number of persons dealt with for the first time and found to be suffering from:—

	Swansea.	Hereford.
Syphilis ..	4	1
Gonorrhœa ..	4	—
Conditions other than Venereal ..	7	1

2. Total number of attendances of all patients residing in the area—Swansea, 108. Hereford, 58.
3. Aggregate number of "in-patients days" of all patients residing in the area:—
 Swansea: 6. Hereford: Nil.

HOSPITALS PROVIDED OR SUBSIDISED BY THE LOCAL AUTHORITY OR BY THE COUNTY COUNCIL.

1. **Tuberculosis.**—See page 9.
- 2.—**Hospitals for Children.**—None other than 4 beds provided at Brecon County War Memorial Hospital.
3. **Fever and Small Pox.**—Two Isolation Hospitals—one at Brecon with accommodation for 11 beds, and one at Hay for 8 beds.

Small Pox.—Arrangements have been made with Aberdare for beds at Fedw Hir Hospital.

4. **PUBLIC INSTITUTION HOSPITALS.** — Three — one at Brecon, one at Hay, one at Llangattock.

5. **MENTAL HOSPITAL, TALGARTH.**—Accommodation for Male and Female.

AMBULANCE FACILITIES.

St. John's Red Cross other than for infectious cases.

LABORATORY WORK.

Arrangements made with Clinical Research Association, and use is also made of the free service at Emergency Laboratory, Aberystwyth.

SANITARY ADMINISTRATION.

Carried out by Local Sanitary Authorities.

SALE OF FOOD AND DRUGS ACT.

Duties carried out by Inspector of Weights and Measures.

LOCAL GOVERNMENT ACT, 1929.

Under the Act the following Poor Law Institutions were taken over by the County Council:—

<i>Institution and Medical Officer.</i>	<i>Areas served.</i>	<i>Master.</i>
Brecon <i>Dr. D. Leonard</i> <i>Leas, Cantre</i> <i>Selyf, Brecon</i>	.. Brecon Borough Brecon Rural Vaynor Ystradgynlais	Mr J. P. Davies
Hay <i>Dr. W. W. Wilson,</i> <i>Bread Street, Hay</i>	.. Hay Urban Hay Rural Builth Urban Builth Rural Llanwrtyd Urban	Mr A. H. James
*Llangattock <i>Dr. J. S. Townley,</i> <i>Brynrhos, Crickh'ell</i>	.. Brynmawr Urban Crickhowell Rural	Mr T. R. Howells

*This Institution is taken over by the Military for the duration of the War, and cases from Brynmawr Urban and Crickhowell Rural districts are admitted to the Brecon Institution.

The work in connection with the above Institutions and Poor Law Relief comes under the Public Assistance Committee and the respective District Committees. The Public Assistance Officer is Mr. G. D. Rees, Watton Mount Offices, Brecon.—Telephone, Brecon 175.

The County of Brecon comprises one area for Public Assistance, divided into the following Relief Districts:—

<i>District.</i>	<i>Medical Officer.</i>	<i>Relieving Officer.</i>
1. Brynmawr & Llanelly Hill	Dr. S. N. Chopra, Dunedin House, Alma Street, Brynmawr. Dr. Farrington, Clydach House, Gilwern.	Mr. D. G. Jones, Trafalgar House, Brynmawr.
2. Crickhowell	Dr. J. S. Townley, Brynrhos, Crickhowell.	Mr H. C. Powell, Bank Buildings, Crickhowell.
3. Vaynor and Penderyn	Dr. S. Bloom, 16, Church Street, Merthyr Tydfil. Dr. B. Thomas, Moylegrove, Hirwaun. * Dr. S. McClure, Bodfeddyg, Glynneath. Dr. D. J. Jones, 36, Union Street, Dowlais.	Mr T. Lewis, Frondeg, Ce n Coed.

<i>District.</i>	<i>Medical Officer.</i>	<i>Relieving Officer.</i>
4 Ystradgynlais	Dr. Glyn M. Jones, Tanywern Lane, Ystalyfera.	Mr G. Williams, Council Offices, Ystradgynlais.
5. Brecknock	Dr. D. Leonard Lees, Cantre Selyf, Brecon. Dr. James Powell, Hill Crest, Sennybridgs.	Mr L. W. James, 13, The Watton, Brecon.
6 ^a Hay and Talgarth	Dr. R. F. Jayne, Park View, Talgarth. Dr. W. W. Wilson, Broad Street, Hay. Dr. H. W. Powell, Pemberton House, Hay.	Mr M. Hughes, Imperial Buildings, Talgarth.
7 Builth	Dr. S. H. Pugh, Maesycod, Builth Wells. Dr. G. P. Driver, Tyn-y-Berllan, Builth Wells.	Mr W. E. Davies, Brynstone House, Builth Wells.

VACCINATION.—Under the Local Government Act, 1929 the County Council became responsible for Vaccination throughout the County, and the following lists shew the Public Vaccinators and Vaccination Officers engaged.

A.—Public Vaccinators, and Districts covered—

- 1 Dr. D. Leonard Lees, Cantre' Selyf, Lion Street, Brecon. Brecknock Urban and Rural (Merthyr Cynog and Llangorse) and Public Assistance Institution.
- 2 Dr. James Powell, Hill Crest, Sennybridge.—Brecknock Rural (Defynock).
- 3 Dr. G. P. Driver, Tyn-y-Berllan, Builth Wells.—Builth and Llan-wrtyd Urban and Parts of Builth Rural.
- 4 Dr. S. Bloom, 16, Church Street, Merthyr Tydfil.—Vaynor Rural.
- 5 Dr. S. N. Chopra, Dunedin House, Alma Street, Brynmawr.—Brynmawr Urban.
- 6 Dr. Benjamin Thomas, Moylegrove, Hirwaun.—Penderyn Rural.
- 7 Dr. R. F. Jayne, Park View, Talgarth.—Hay Rural.
- 8 Dr. J. S. Townley, Brynrhos, Crickhowell.—Crickhowell Rural and Public Assistance Institution.
- 9 Dr. Glyn M. Jones, Tanywern Lane, Ystalyfera.—Ystradgynlais Rural.

- 10 Dr. S. H. Pugh, Maesycoed, Builth Wells.—Llanwrthwl and Parts of Builth Rural.
- 11 Dr. S. McClure, Bodfeddyg, Glynneath.—Ystradfellte Rural.
- 12 Dr. H. W. Powell, Pemberton House, Hay.—Hay Urban and Part of Hay Rural.
- 13 Dr. W. W. Wilson, Broad Street, Hay.—Hay Rural (Llanigon) and Public Assistance Institution.
- 14 Dr. Farrington, Clydach House, Gilwern.—Crickhowell Rural (Llanelly).

B.—Vaccination Officers, and Districts covered—

- 1 L. W. James, 13, The Watton, Brecon.—Brecknock and Defynock.
- 2 H. C. Powell, Bank Buildings, Crickhowell.—Crickhowell.
- 3 D. G. Jones, Trafalgar House, Brynmawr.—Brynmawr and Llanelly.
- 4 W. E. Davies, Brynstone House, Builth Wells. — Llanwrtyd, Llanwrthwl and Abergwessin.
- 5 G. Williams, Council Offices, Ystradgynlais.—Ystradgynlais (Higher and Lower).
- 6 William Walsh, 18, New Road, Dowlais.—Vaynor.
- 7 Thomas Lewis, Frondeg, Cefn Coed.—Ystradfellte and Penderyn.
- 8 M. Hughes, Imperial Buildings, Talgarth.—Hay and Talgarth.
- 9 D. J. Pugh, Abbotsford, Builth Wells.—Builth.

CHILDREN ACTS, 1908-1933.—The Health Visitors supervise all children nursed for reward and send in reports periodically. There were 3 cases on the register at the end of the year.

MENTAL DEFECTIVES.—Certified defectives are cared for at the Forden Institution, Montgomeryshire, the number there at the end of the year being 4 Male and 1 Female.

At Pantglas Hall Institution, Carmarthenshire, there are 15 Females, one at Brentry, Bristol, one at Etloe House, Leyton, and one at Starcross, Devon.

CANCER.—During the year, 84 deaths were recorded, giving a death rate of 1.57 per 1,000, as compared with 108, and a death rate of 1.94 in 1942.

BLIND.—A scheme for assisting Blind Persons has been adopted.

Blind Persons.

A—County Pensioners granted in 1943	14
B—New cases added to the register in 1943	13
C—Cases examined in the year and found not blind	8

Blind Persons on register and number of same in receipt of a County Pensions, in the districts at the end of 1943.

District.	Number of Blind Persons on County Register.			Number of Blind Persons on Register and in receipt of a County Pension.
	Male	Female	Total	Total.
Brecon Urban	14	9	23	11
Bryn-mawr Urban	11	10	21	15
Builth Wells Urban	...	1	1	1
Hay Urban	2	1	3	2
Llanwrtyd Wells Urban	...	...	...	...
Brecon Rural	6	8	14	5
Builth Rural	2	2	4	4
Crickhowell Rural	13	14	27	14
Hay Rural	4	4	8	2
Vaynor & Penderyn Rural	6	6	12	4
Ystradgynlais Rural	15	24	39	19
Totals	73	79	152	77
Totals 1942	76	86	162	82

BRECONSHIRE AIR RAID PRECAUTIONS—CASUALTY SERVICES

- A.—*First Aid Posts*— One at Brecon War Memorial Hospital.
- B.—*Mobile Units*—*Three*. One at Brecon.
One at Brynmawr.
One at Ystradgynlais.
- C.—*Light Mobile Units*—*Eight* Based on Brecon Mobile Unit:—
Located at:—
Brecon (2).
Talgarth.
Hay.
Builth Wells.
Llanwrtyd Wells.
- 1 Based on Brynmawr Mobile Unit:—
—Located at:—
Crickhowell.
- 1 Based on Ystradgynlais Mobile Unit:—Located at:—
Abercrave.
- D.—*Rescue Service*—*8 parties of 7 men each*. 2 parties at Brecon.
2 parties at Brynmawr.
2 parties at Ystradgynlais.
1 party at Hay.
1 party at Builth.

E.—Ambulances—Eleven.

3 at Brecon.
 3 at Brynmawr.
 3 at Ystradgynlais.
 1 at Hay.
 1 at Builth.

Of these, 8 are full time—2 at Brecon, 2 at Brynmawr, 2 at Ystradgynlais, 1 at Hay, 1 at Builth.

F.—Cars for Sitting Casualties—Five.

1 at Brecon.
 1 at Brynmawr.
 1 at Ystradgynlais.
 1 at Hay.
 1 at Builth.

G.—Gas Cleansing Centres and Units—Four.

1 Fixed Centre at Brecon First Aid Post and 3 Mobile—1 each at Brynmawr, Ystradgynlais and Talgarth.

H.—Upgraded First Aid Points—Ten.

Wesleyan Mission Hall, Llanfaes, Brecon.

Tyglyd, Sennybridge.

Church Hall, Crickhowell.

Public Assistance Institution, Hay.

Church Hall, Llanwrtyd.

Ysgol-y-Graig School Clinic, Cefn Coed.

Ambulance Hall, Near Abercrave.

Temperance Hall, Near Gwys Station, Upper Cwmtwrch.

*Town Hall, Talgarth.

School Clinic, Park House, Park Road, Builth Wells.

*The two last mentioned points are not yet in operation as they have not been equipped.

I.—First Aid Points.—Eighteen.

Gibson's Buildings, Talybont-on-Usk.

Pavilion, Welfare Ground, Brynmawr.

Council Yard, Brynmawr.

Welfare Hall, Clydach.

Welfare Hall, Llanelly Hill.

Church School Room, Gilwern.

Police Station, Hay.

Broad Street, Builth Wells.

Alexandra Hall, Llangammarch Wells.

Memorial Institute, Llanwrtyd Wells.

96, High Street, Cefn Coed.

39, Field Street, Cefn Coed.

c/o P.C. Evans's House, Penderyn.

Memorial Institute, Pontsticill.

Council School, Colbren.

Council School, Penrhos.

Table I.—Vital Statistics for Various Districts for 1943.

Name of District.	Births				Population estimated to the middle of the year.	Nett Deaths belonging to the District				Deaths of Mothers			
	Live Births		Still Births			At all ages		Under 1 yr of age		Puerperal Sepsis	Other puerperal Causes	Total	Rate per 1000 Births
	Number	Rate	Number	Rate		Number	Rate	Number	Rate per 1000 Live Births				
Brecon Urban ..	91	17.6	5	0.9	58	11.2	1	10.9	..	..	..	..
Brynmawr Urban ..	93	14.6	4	0.6	101	15.8	9	96.7	..	..	..	..
Builth Wells Urban ..	22	13.3	3	1.8	39	23.7	3	136.3	..	..	..	..
Hay Urban ..	24	16.5	..	..	26	17.9	1	41.6	..	..	..	..
Llanwrtyd Wells Urban ..	4	4.5	..	..	15	17.2	1	250.0	..	..	..	..
Brecon Rural (Devynock & Llangorse)	88	16.2	4	0.7	62	11.4	1	11.3	..	..	..	..
" Merthyr Cynog ..	21	11.2	2	1.0	27	14.4	..	..	..	..	..	..
Builth Rural ..	76	19.4	3	0.7	44	11.2	5	66.0	..	..	..	..
Crickhowell Rural ..	111	16.7	5	0.7	92	13.8	3	27.0	..	1	1	8.6	
Hay Rural ..	55	14.3	2	0.5	36	9.3	2	36.3	..	..	..	..
Waynor and Penderyn Rural ..	70	14.0	7	1.4	72	14.4	5	71.4	..	..	..	..
Ystradgynlais Rural ..	195	17.5	10	0.9	130	11.7	5	25.6	..	..	2	..
Brecon County ..	850	15.96	45	0.84	702	13.18	36	42.35	..	1	3	1.11	
England and Wales ..	..	16.5	..	0.5	..	12.1	..	49	..	..	..	11.68
Brecon County, 1942 ..	910	16.40	38	0.68	699	12.60	51	56.04	..	3	3	3.16	

Table II.—Vital Statistics.
Causes of and Ages at Death during the Year, 1943.
WHOLE COUNTY.

CAUSES OF DEATH.	All Ages	Ages					
		Under 1 year	1 and under 5 years	5 and under 15 years	15 and under 45 years	45 and under 65 years	65 and over
ALL CAUSES—Males	369	19	11	7	43	92	197
Females	333	17	5	9	34	65	203
Total	702	36	16	16	77	157	400
1 Typhoid and Paratyphoid Fevers	...	...	...	...	...	...	...
2 Cerebro-spinal Fever	1	...	...	1	...	...	...
3 Scarlet Fever	...	...	...	...	...	...	...
4 Whooping Cough	1	...	1	...	...	...	...
5 Diphtheria	3	...	2	...	1	...	...
6 Tuberculosis of Respiratory System	23	...	...	1	14	8	...
7 Other Forms of Tuberculosis	3	...	...	...	2	1	...
8 Syphilitic Diseases	2	...	...	...	...	1	1
9 Influenza	21	...	1	1	2	4	13
10 Measles	2	...	...	2	...	...	...
11 Ac. Polio-myel. and Polio-enceph:	...	...	...	...	...	...	...
12 Ac: Inf: encaph:	1	...	1	...	...	...	...
13 Cancer of buc. cav: and oesoph (m), uterus (f)	5	...	...	...	1	2	2
14 Cancer of Stomach and duodenum	27	...	...	...	3	7	17
15 Cancer of Breast	5	...	...	...	1	2	2
16 Cancer of all other sites	47	...	...	1	8	17	21
17 Diabetes	15	...	...	1	...	2	12
18 Intracranial vascular lesions	82	...	...	...	1	18	63
19 Heart Disease	167	...	...	...	9	30	128
20 Other Dis: of Circ. System	4	...	...	...	...	2	2
21 Bronchitis	40	2	1	...	2	9	26
22 Pneumonia	35	3	1	1	4	8	18
23 Other Respiratory Diseases	21	1	2	...	1	8	9
24 Ulcer of Stomach or Duodenum	4	...	...	...	1	2	1
25 Diarrhoea, under 2 years	...	...	...	...	...	...	...
26 Appendicitis	2	...	...	...	...	...	...
27 Other Digestive Diseases	18	...	1	1	3	3	10
28 Nephritis	26	...	...	...	4	11	11
29 Puer: and Post-Abort: Sepsis	...	...	...	...	...	...	...
30 Other Maternal Causes	1	...	...	...	...	...	...
31 Premature Birth	10	10	...	...	1	...	...
32 Con: Mal: Birth Inj: Infant Dis:	14	13	...	...	...	...	...
33 Suicide	4	...	...	...	...	...	1
34 Road Traffic Acc.	5	...	1	3	...	1	...
35 Other Violent Causes	20	...	2	2	8	2	6
36 All Other Causes	91	5	3	2	11	16	54
Totals, 1942	699	51	10	4	64	171	399

Table III.—Vital Statistics.

Causes of Death in the Separate Districts of the County during the year 1943.

Causes of Death.	URBAN					RURAL						TOTAL		
	Brecon	Brynmawr	Builth Wells	Hay	Llanwrtyd Wells	Brecon			Builth	Crickhowell	Hay		Vaynor and Penderyn	Ystradgynlais
						Devynock & Llangorse	Merthyr Cynog							
1 Typhoid & Paratyphoid Fevers	...	...	...	...	...	...	...	...	...	...	...	...	...	1
2 Cerebro-spinal Fever...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
3 Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	1
4 Whooping Cough	...	...	...	...	...	...	...	1	...	...	...	...	...	1
5 Diphtheria	...	...	...	...	...	...	...	...	...	...	1	2	3	3
6 Tub. of Resp. System	1	4	...	3	...	1	2	1	...	1	2	8	23	23
7 Other Forms of Tuberculosis	...	1	1	...	...	...	...	...	...	...	...	1	3	3
8 Syphilitic Diseases	...	...	...	...	...	...	1	...	1	...	...	2	4	4
9 Influenza	2	3	1	...	1	3	1	...	6	...	3	1	21	21
10 Measles	...	...	...	1	...	...	...	1	...	...	...	...	2	2
11 Ac. Polio-myelitis and Polio-encaph:	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 Ac: Inf: encaph:	...	...	...	...	...	...	...	...	...	1	...	...	1	1
13 Cancer of buc. cav: and cesoph (m), uterus (f)	2	...	...	...	...	...	...	1	...	...	...	2	6	6
14 Can. of Stom. and duodenum	1	1	5	...	...	3	1	2	3	1	4	6	27	27
15 Cancer of Breast	...	1	1	...	1	1	...	...	...	...	...	1	5	5
16 Cancer of all other sites	3	5	2	1	2	3	3	1	8	6	3	10	47	47
17 Diabetes	1	2	1	...	...	2	1	2	1	...	2	3	15	15
18 Intracranial vascular lesions	9	9	3	4	2	4	6	5	9	7	10	14	82	82
19 Heart Disease	21	15	13	7	3	19	4	11	19	7	18	30	167	167
20 Other Dis: of Circ: System...	1	...	...	...	...	...	...	...	1	...	...	2	4	4
21 Bronchitis	2	13	2	1	...	4	...	1	4	3	4	6	40	40
22 Pneumonia	...	9	1	3	3	1	...	2	5	1	2	8	35	35
23 Other Respiratory Diseases...	1	2	...	...	...	1	...	1	2	1	3	10	21	21
24 Ulcer of Stom. or Duodenum	...	2	...	...	...	...	...	...	2	...	...	...	4	4
25 Diarrhoea, (under 2 years)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26 Appendicitis	...	...	...	...	...	...	...	...	1	...	1	...	2	2
27 Other Digestive Diseases	1	4	3	...	...	1	1	...	6	...	...	2	18	18
28 Nephritis	3	4	1	1	...	4	1	2	5	...	2	3	26	26
29 Puer: and Post-Abort: Sepsis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 Other Maternal Causes	...	...	...	...	...	...	...	...	1	...	...	...	1	1
31 Premature Birth	1	3	3	...	...	...	...	1	...	...	...	2	10	10
32 Con: Mal: Birth Inj: Infant Dis:	...	3	...	...	...	1	...	3	2	...	3	2	14	14
33 Suicide	...	...	...	...	...	1	1	1	1	...	...	...	4	4
34 Road Traffic Acc.	...	1	...	...	...	1	...	...	...	1	...	2	5	5
35 Other Violent Causes	2	2	...	...	1	2	1	2	4	1	...	5	20	20
36 All Other Causes	7	17	2	5	2	10	3	6	11	6	14	8	91	91
Totals	58	101	39	26	15	62	27	44	92	36	72	130	702	702
Totals, 1942	68	88	28	24	11	76	25	50	107	37	61	124	699	699

Table IV.—Notifiable Diseases, 1943.

DISTRICT	Small Pox	Scarlet Fever.	Diphtheria.	Enteric Fevers.	Catarhal Jaundice.	Pneumonia.	Acute Poliomyelitis.	Erysipelas.	Ophthalmia Neonatorum.	Lobar Pneumonia.	Puerperal		Scabies.	Measles.	Whooping Cough.	Malaria.	Dysentery.	Cerebro Spinal Fever.	TOTALS
											Fever.	Pyrexia.							
Brecon Urban	..	11	1	..	..	2	1	1	..	..	..	..	..	..	..	..	..	2	18
Brynmawr Urban	..	14	10	..	..	22	..	3	..	..	..	..	..	95	6	..	..	..	150
Builth Wells Urban	3	3	..	..	..	6
Hay Urban	..	2	..	..	..	2	..	..	..	..	..	..	..	15	..	..	..	..	19
Llanwrtyd Wells Urban	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2
Brecon Rural	..	12	4	..	..	1	..	..	..	..	..	..	..	3	..	..	..	2	22
Builth Rural	..	6	..	..	..	..	..	..	..	..	..	..	..	1	7	..	..	1	14
Crickhowell Ru	..	3	2	..	1	10	..	..	..	..	..	..	..	..	..	..	..	..	23
Hay Rural	..	10	..	..	..	..	..	1	..	..	..	..	..	4	..	..	..	..	15
Vaynor and Penderyn Rural	..	6	13	..	..	8	..	2	..	1	..	..	..	9	2	..	..	..	41
Ystradgynlais Rural	..	18	30	..	..	6	..	2	1	..	..	..	205	11	..	..	..	6	281
Totals	..	81	60	..	1	51	1	9	1	1	8	1	335	30	..	..	..	12	591
Total, 1942	..	84	64	1	..	66	1	7	2	..	13	..	26	47	..	..	6	21	388

Table V.—Tuberculosis.

Summary of Notifications during the period from 1st January, 1943, to 31st December, 1943.

Age Periods		Notification on Form A.											Total Notifications (All Ages).			
		Number of Primary Notifications.														
		0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards				
Pulmonary—Males	1	5	10	15	20	6	9	3	1	2	1	1	28
Females	1	4	...	2	7	6	...	3	3	...	...	...	...	23
Non-Pulmonary—Males	1	1	1	1	1	1	...	1	1	1	1	4
Females	2	...	1	1	1	1	6
Totals	1	5	8	15	18	6	2	4	6	2	4	2	61	
Totals—1942	1	3	7	10	13	3	5	6	3	5	6	...	48	

Table VI.—Tuberculosis.

Welsh National Memorial Association.

Summary of Results of Treatment, etc., during 1943.

YEAR	Number of New Cases examined during the year, including Contacts.	Number found to be definitely suffering from		Extent of Residential Treatment				Results of Treatment (Condition at time of Discharge).								
								Sanatorium (Pulmonary Cases)			Hospital (Pulmonary Cases)			Hospital (Non-Pulmonary Cases)		
		Pulmonary	Other than Pulmonary	In Institutions on 1st January, 1943.	Admitted during the year	Discharged during year.	In institutions on 31st December, 1943.	Quiescent	Improved.	No Material Improvement	Quiescent	Improved	No Material Improvement	Quiescent	Improved	No Material Improvement
1943	632	46	8	43	63	56	44	9	9	3	4	15	5	2	5	4
1942	847	85	13	38	61	52	43	8	5	6	2	14	3	7	4	3

These figures are furnished by the Welsh National Memorial Association.

Table VII.—Showing the Work of the Health Visitors during the Year, 1943.

DISTRICT	Pre-Natal Visits		First Visits		Re-Visits		Special Visits		Other Visits				Totals	
	First Visits	Re-Visits	To Infants under one year	To Children one to five years	To Infants under one year	To Children one to five years	To Infants under one year	To Children one to five years	Tuberculosis	Mental Defectives	Blind	Others.		
Brecon Town and Country—whole time	1	..	128	11	386	317	2	3	4	122	13	135	102	1224
Brynmawr and Llanelli	1	..	46	5	602	680	4	..	..	129	1	189	2	1659
*Vaynor and Penderyn	..	..	75	5	280	388	..	..	6	91	..	30	7	882
Ystradgynlais	..	..	44	2	450	290	..	..	8	193	16	339	18	1355
Abercrave	44	187	35	5	385	220	6	..	2	39	4	84	..	1005
Beulah (Llwynmadoc)	20	117	25	..	232	147	..	23	1	3	3	13	..	590
Brecon (Llanspyddid)	35	118	7	..	46	179	..	..	..	31	1	10	..	427
Builth	16	9	14	1	148	227	..	..	..	22	..	6	..	443
Cefn Coed	14	27	23	..	159	143	2	..	2	103	8	34	..	515
Crickhowell	31	92	42	7	211	311	10	37	1	28	3	53	..	826
Devynock	35	57	64	..	374	1207	..	..	1	36	..	36	..	1810
Erwood and Llyswen	9	..	6	..	97	210	..	..	..	11	..	10	..	343
Hay and Cusop	20	24	21	2	327	176	..	9	..	31	3	27	..	640
Llanelli (Darenfelen)	25	60	29	..	230	248	15	24	2	60	3	50	..	746
Gilwern and Clydach	10	6	26	15	19	30	..	..	..	3	..	13	..	122
Llanigon and Glasbury	14	8	15	4	104	270	6	8	1	26	3	27	17	503
Llangorse	18	116	20	12	191	261	..	..	1	13	..	..	..	632
Llanwrthwl	1	1	2	3	24	103	..	..	..	12	..	..	..	146
Llanwrtyd Wells	18	103	14	1	196	190	..	..	..	46	4	..	..	572
Newbridge-on-Wye	5	26	5	..	83	313	..	6	..	11	1	12	..	462
Talgarth	34	82	41	3	409	361	..	..	1	39	3	20	..	993
Ystradgynlais	44	94	157	7	356	277	..	14	9	..	..	..	..	958
County Relief Nurse	5	5	23	2	89	189	..	..	1	10	3	2	..	329
Bwlch	1	..	5	2	62	178	..	..	..	13	..	24	..	285
Totals, 1943	401	1132	867	87	5460	6895	45	124	35	1072	69	1114	146	17447

*Talybont and Llanfrynach included in Vaynor and Penderyn figures.

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STATISTIK

STATISTIK

Die Statistik ist die Lehre von der Erfassung, Aufbereitung und Auswertung von Daten. Sie dient dazu, die Eigenschaften von Gruppen von Objekten zu beschreiben und zu erklären. Die Statistik ist in zwei Hauptbereiche unterteilt: die deskriptive Statistik, die die Eigenschaften von Daten beschreibt, und die inferentielle Statistik, die die Eigenschaften von Daten erklärt.

Die deskriptive Statistik umfasst die Methoden zur Erfassung, Aufbereitung und Auswertung von Daten. Sie umfasst die Berechnung von Mittelwerten, Standardabweichungen und anderen statistischen Maßzahlen. Die inferentielle Statistik umfasst die Methoden zur Schätzung von Parametern und zum Testen von Hypothesen. Sie umfasst die Berechnung von Konfidenzintervallen und die Durchführung von t-Tests, F-Tests und anderen statistischen Tests.

Die Statistik ist ein wichtiges Werkzeug in vielen Bereichen der Wissenschaft und der Wirtschaft. Sie wird verwendet, um die Eigenschaften von Gruppen von Objekten zu beschreiben und zu erklären. Sie wird verwendet, um die Ursachen von Problemen zu identifizieren und zu erklären. Sie wird verwendet, um die Wirksamkeit von Maßnahmen zu bewerten und zu verbessern.

