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Pembrokeshire County Council

Annual Report

OF THE

County Medical Officer of
Health for Pembrokeshire

1939

Printed by the "Weekly News," Narberth.



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To the Chairman and Members of the Public Health
Committee of the
Pembrokeshire County Council

Mr. CHAIRMAN, LADIES & GENTLEMEN.

I beg to submit my Annual Report on the Public Health Services of the County for the Year ending 31st December, 1939.

The lateness of its appearance is explained by the fact that the Registrar General's figures were not received until early in October.

This Report is produced subject to the recent instructions of the Ministry of Health, and owing to present circumstances is considerably curtailed.

Details of vital statistics, together with other statistics, are given in the various tables.

The Birth Rate was 16.8, compared with 16.2 for the previous year, and is higher than any recorded for the past 10 years.

I have pleasure in recording my appreciation of the consideration of the Chairman and Committee in carrying out my duties.

I am,

Ladies and Gentlemen,

Your obedient Servant,

H. MIDDLETON.

County Medical Officer.

County Health Department,
Haverfordwest.
December, 1940.

Sanitary Authorities and Medical Officers of Health for the Year 1939.

MEDICAL OFFICERS

(Part-Time)

Urban Districts.

FISHGUARD & GOODWICK	T. H. James, M.R.C.S., L.R.C.P.,
HAVERFORDWEST	G. J. Bowen, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.
MILFORD HAVEN	H. O. Williams, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.
NEYLAND	J. A. K. Douglas, L.R.C.P. & L.M., L.R.C.S.I. & L.M.
PEMBROKE	Donald Stewart, M.B., Ch.B.
TENBY	Charles Mathias, M.B., Ch.B., M.R.C.S., L.R.C.P.
NARBERTH	Lionel E. Owen, M.R.C.S., L.R.C.P.

Rural Districts.

HAVERFORDWEST	J. Howard Owen, M.D.
NARBERTH	Ernest W. Price, M.R.C.S., L.R.C.P.
PEMBROKE	Dorothy M. Rees, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.
CEMAES	D. Havard, L.M.S.S.A. (Lond.), J. Rowland Jones, M.R.C.S., L.R.C.P., D.P.H.

SANITARY INSPECTORS

Urban Districts.

FISHGUARD & GOODWICK	Mr. Arthur James.
HAVERFORDWEST	Mr. D. B. Evans.
MILFORD HAVEN	Mr. Robert Rees.
NEYLAND	Mr. C. P. Simpson.
NARBERTH	Mr. W. G. Mathias.
PEMBROKE	Mr. G. Wynne Rees.
TENBY	Mr. B. Morley.

Rural Districts.

HAVERFORDWEST (North)	Mr. Owen Evans.
HAVERFORDWEST (South)	Mr. D. C. Nicholson.
NARBERTH	Mr. T. L. Parry.
PEMBROKE	Mr. H. B. Edwards.
CEMAES	Mr. Ivor E. G. George.

COUNTY OF PEMBROKE.

Public Health and Housing Committee and Maternity and Child Welfare Committee.

Mr. G. S. Kelway (Chairman).	Mr. W. J. Morris.
Mr. A. Owen Williams (Vice-Chairman).	The Rt. Hon. Lord Merthyr.
Major J. Loftus Adams.	Mr. L. J. Meyler.
Mrs. Seymour Allen.	Dr. D. H. Pennant.
Mr. A. H. Codd.	Mr. J. M. Philipps.
Mr. T. W. Colley.	Sir C. W. M. Price.
Mr. B. Edwards.	Mr. Charles Parry.
Mr. John Gwyther.	Rev. T. L. Parry.
Mr. Thos. Harries.	Mr. F. W. Powell.
Mr. R. I. Hooper.	Mr. Wm. Roberts.
Mr. W. F. James.	Mrs. S. B. Sketch.
Mr. G. E. Jones.	Mr. D. T. Thomas.
Mr. O. D. Jones.	Mr. John Thomas.
Mr. W. H. John.	Mr. Kenneth Walker.
Mr. J. L. Llewellyn.	Mr. Ralph Warren.
	Dr. E. R. Williams.
	Rev. W. T. Watson.

PUBLIC ASSISTANCE.

Institutions.

Institution.	Medical Officer.
PRIORY MOUNT, HAVERFORDWEST	C. M. MacGeoch, M.R.C.S., L.R.C.P.
NARBERTH LODGE, NARBERTH	L. E. Owen, M.R.C.S., L.R.C.P.
CHILDREN'S HOME, SAUNDERSFOOT	T. R. Griffiths, B.Sc. (Wales), M.B., B.S., M.R.C.S., L.R.C.P.
WOODBINE HOUSE, PEMBROKE	A. Dawson Reid, M.B., Ch.B.

PUBLIC ASSISTANCE.**District Medical Officers.**

District.	Medical Officer.
Haverfordwest	C. M. MacGeoch, M.R.C.S., L.R.C.P.
Milford Haven	H. O. Williams, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H. J. A. K. Douglas, L.R.C.P. and, L.M., L.R.C.S.I. and L.M.
Fishguard	J. Howard Owen, M.D.
St. David's	J. Haslett Elliott, B.A., M.B., Ch.B. B.A.O., M.D.
Narberth 1	Vacant.
Narberth 2	T. R. Griffiths, B.Sc. (Wales), M.B., B.S., M.R.C.S., L.R.C.P.
Narberth 3	Ernest W. Price, M.R.C.S., L.R.C.P.
Pembroke 1	A. Dawson Reid, M.B., Ch.B.
Pembroke 2	Frank Garratt, M.R.C.S., L.R.C.P.
Pembroke 3	V. Pegge, M.C., M.B., M.R.C.S., L.R.C.P.
Pembroke 4	D. Stewart, M.B., Ch.B.
Llanfyrnach	J. Penry, M.R.C.S., L.R.C.P.
St. Dogmaels 1	Selby Clare, L.R.C.P.I. & L.M. L.R.C.S.I. & L.M.
St. Dogmaels 2	D. Havard, L.M.S.S.A. (Lond.).

County Health Offices Staff.

County Medical Officer of Health : H. Middleton, M.C., M.B., Ch.B.,
D.P.H.

Assistant County Medical Officer of Health : Dorothy M. Rees, M.B.,
B.S., M.R.C.S., L.R.C.P., D.P.H.

County Superintendent of Nurses and Inspector of Midwives : Miss
A. R. Calvin Thomas, S.R.N., S.C.M.

County Health Visitor : Miss E. J. James, S.R.N., S.C.M.

Chief Clerk : B. J. Evans.

Home Visitor for the Blind : Miss D. M. R. Burder.

Consulting Medical Officers.

Orthopædic : N. Rocyn Jones, M.D., F.R.C.S.

Oculist : H. E. Quick, F.R.C.S.

NATURAL AND SOCIAL CONDITIONS AND STATISTICS OF THE AREA.

Natural and Social Conditions.

The County is chiefly Agricultural, but at Milford Haven the inhabitants are for the most part engaged in the Fish Trade. Mining is carried out at Hook, Kilgetty and Saundersfoot.

Village Settlements have been established in the Rose-market Area, and many families from distressed areas have been well housed and appear to be comfortably and happily settled.

Statistics.

Area (in acres), including land and inland water, 393,003.

Population.

The population of the Administrative County for the past ten years is shown in the following Table :—

Year.	Population.
1929	87,790
1930	87,790
1931	86,020
1932	86,490
1933	86,040
1934	85,650
1935	85,100
1936	83,700
1937	83,270
1938	83,200
1939	83,270

Rateable Value	£262,606
Estimated product of a penny rate	£1,025 8s.

Extracts From Vital Statistics For The Year.

Live Births :—	Total.	Male.	Female.
Legitimate	1340	677	663
Illegitimate	66	36	30
Total Births	1,406	713	693

Birth Rate.

For 1939 the Birth Rate was 16.8, compared with 16.2 for 1938, and 15.0 for the whole of England and Wales. 713 Males were born, and 693 Females, a total of 1,406.

The following table shows the Birth Rate from 1929 as compared with the Birth Rate for England and Wales for the same period:—

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Administrative County	16.1	15.9	15.7	16.1	15.5	15.5	15.8	15.0	14.2	16.2	16.8
England & Wales	16.3	16.3	15.8	15.3	14.4	14.8	14.7	14.8	14.9	15.1	15.0

STILL BIRTHS. Total 61.

Rate per 1,000 total births, 43.4.

DEATHS, 1242. Death Rate, 14.8.

Number of women dying in consequence of childbirth—

Sepsis	2
Other causes	4
	—
	6
	—

Rate per 1,000 total births, 4.2.

Deaths of Infants under one year of age per 1,000 live births—

Legitimate	45.5
Illegitimate	4.9
Total Rate	50.4

Deaths from Measles (all ages)	1
Deaths from Whooping Cough (all ages)	4
Deaths from Diarrhoea (under 2)	3

DEATHS.

(For full details see Table at End of Report).

The Deaths at all ages, of all causes, registered during the year 1939 numbered 1,242, 612 Males and 630 Females, giving a Death Rate of 14.8 per 1,000 of the population. This is an increase of .9 in the Death Rate, compared with last year's figures.

The Death Rate per 1,000 of the population for England and Wales was 12.1.

Four Deaths were attributable to Whooping Cough, compared with nil for the previous year.

There were 67 Deaths attributable to notifiable disease, excluding Tuberculosis.

The nine chief causes of death, with the corresponding percentages of total deaths, were:—

(1) Heart Disease	23.5
(2) Cancer	13.2
(3) Circulatory Diseases	6.2
(4) Nephritis	3.4
(5) Phthisis	8.2
(6) Cerebral Haemorrhage	4.3
(7) Pneumonia	4.4
(8) Congenital Debility	3.4
(9) Senility	5.8

Table of the Nine Chief Causes of Death:—

The Nine Chief Causes of Death.	Urban		Rural		Whole County		Percentage of Total Deaths		
	No.	Rate	No.	Rate	No.	Rate	Urban	Rural	Whole County
Heart	142	3.5	151	3.4	293	3.5	24.0	23.1	23.5
Cancer	72	1.7	92	2.1	164	1.9	12.2	14.1	13.2
Circulatory Diseases	25	.62	53	1.2	78	.93	4.2	8.1	6.2
Phthisis	25	.62	18	.41	43	.51	4.2	2.7	3.4
Cerebral Haemorrhage	43	1.07	59	1.3	102	1.2	7.2	9.0	8.2
Nephritis	25	.62	29	.66	54	.64	4.2	4.4	4.3
Pneumonia	31	.77	24	.55	55	.65	5.2	3.6	4.4
Congenital Debility	21	.52	22	.50	43	.51	3.5	3.3	3.4
Senility	34	.84	39	.89	73	.87	5.7	5.9	5.8

Deaths from women in, or in consequence of, childbirth:—

(a) From Sepsis	2
(b) Other Causes	4

INFANT MORTALITY.

The Infant Mortality Rate is calculated on the number of deaths under one year of age per 1,000 births.

There were 71 deaths of children under one year of age, giving a death rate of 50.4, compared with a rate of 45 for the previous year.

The figures of Infant Mortality over a period of five years are as under :—

INFANT MORTALITY.

Year.	No.	County. Rate.	England & Wales. Rate.
1935	70	51	57
1936	64	50	59
1937	66	55	58
1938	61	45	53
1939	71	50.4	50

Of the 71 actual deaths, 43 were certified as being due to Congenital Debility, and premature birth conditions, over which medical services and welfare workers have little control.

The actual causes of deaths under one year are set out below :—

Cause of Death	1938.	1939.
Other Tuberculous Diseases	1	2
Bronchitis	3	4
Pneumonia (all forms)	8	7
Diarrhoea	6	3
Other Digestive Diseases	1	—
Congenital Debility, Premature Birth	37	41
Other Violence	2	3
Other Defined Diseases	1	6
Whooping Cough	—	3
Ill-defined Diseases	1	—
Diphtheria	1	—
Measles	—	1
Other Respiratory Diseases	—	1

Birth rates, Death rates, Analysis of Mortality, Maternal Mortality and Case notes for certain Infectious Diseases in the Year 1939.

(Provisional figures based on Weekly and Quarterly Returns).

	England and Wales.	126 County Boro's and Great Towns, including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census).	London Administrative County.
Rates per 1,000 Population.				
BIRTHS—				
Live Births	15.0	14.8	15.6	12.3
Still Births	0.59	0.59	0.57	0.44
DEATHS—				
All Causes	12.1	12.0	11.2	11.9
Typhoid and Paratyphoid	0.00	0.00	0.00	0.00
Smallpox	—	—	—	—
Measles	0.01	0.01	0.01	0.00
Scarlet Fever	0.01	0.00	0.00	0.00
Whooping Cough	0.03	0.03	0.02	0.03
Diphtheria	0.05	0.05	0.04	0.02
Influenza	0.21	0.19	0.20	0.18
NOTIFICATIONS—				
Small-pox	0.00	—	—	—
Scarlet Fever	1.89	1.96	1.78	1.53
Diphtheria	1.14	1.21	1.16	0.98
Enteric	0.04	0.03	0.04	0.03
Erysipelas	0.34	0.40	0.31	0.37
Pneumonia	1.02	1.21	0.89	0.99
Rates per 1,000 Live Births.				
Deaths under 1 year of age	50	53	40	48
Deaths from Diarrhoea and Enteritis under two years of age	4.6	6.3	3.0	8.2
MATERNAL MORTALITY—				
Puerperal Sepsis	0.77)	Not available		
Others	2.16)			
Total	2.93)			
Rates per 1,000 Total Births (i.e., Live and Still).				
MATERNAL MORTALITY—				
Puerperal Sepsis	0.74)	Not available		
Others	2.08			
Total	2.82)			
NOTIFICATIONS—				
Puerperal fever	14.35	17.26	12.99	3.31
Puerperal Pyrexia				14.23

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Laboratory Facilities.

Laboratory work is now carried out by a Branch of the Emergency Public Health Laboratory which has been established at Carmarthen.

This Laboratory provides local facilities for public health bacteriological examinations and epidemiological investigations which may be summarised as follows:—

DIPHTHERIA.

(1). Examination of nasal, throat and ear swabs for diphtheria bacilli from acute cases, contacts, convalescents and carriers, and virulence tests where necessary.

SCARLET FEVER, ACUTE STREPTOCOCCAL INFECTIONS.

(2a). Examination of swabs from cases of scarlet fever, acute tonsillitis and pharyngitis and from contacts for haemolytic streptococci. Serological typing of the streptococci where considered necessary to provide data of help for administrative action in preventing spread of infection.

(b). Examination of throat, nose and cervical swabs from cases of puerperal fever and puerperal pyrexia, and of nasal and throat swabs of all contacts of such cases for isolation and identification of the type of haemolytic streptococcus, with a view to tracing the source of infection, isolating carriers, and preventing further spread of infection.

3. *CEREBRO SPINAL MENINGITIS.*

The bacteriological examination of cerebro-spinal fluid and nasopharyngeal swabs from suspected cases of cerebro-spinal meningitis for isolation and identification of the type of meningococcus.

4. *TYPHOID AND PARATYPHOID FEVERS.*

(a). The bacteriological examination of specimens of *faeces and urine* from suspected cases of enteric infection and from suspected carriers for isolation and identification of the causative organism.

1b. *Blood* from suspected cases of enteric infection for cultural examination to isolate and identify the causative organism,

11b. *Blood serum* from suspected cases of enteric infection and from suspected carriers for examination by agglutination tests (Widal reactions).

5. *DYSENTERY AND OTHER FORMS OF ACUTE ENTERITIS OF UNKNOWN ORIGIN.*

Bacteriological examination of specimens of *faeces* and/or rectal swabs for isolation and identification of the causative organism, e.g., *B. dysenteriae* (Flexner), *B. dysenteriae* (Sonne), etc.

6. *FOOD POISONING.*

(a). Bacteriological examination of specimens of *Faeces* from victims of suspected food poisoning for isolation and identification of the causative organism (e.g., *B. aureus*, *B. enteritidis* *gaertner*).

(b). Bacteriological examination of samples of food suspected as having been the cause of food poisoning, if possible remains of food of which the victim(s) have partaken, for isolation and identification of the causative organism.

7. CONTINUED FEVER (UNDULANT FEVER).

(a). Blood from suspected cases of Brucella infection for culture to isolate and identify causative organism, e.g., *Br. abortus*.

(b). Blood serum from cases of continued fever for examination by agglutination tests (*Br. abortus*, *Br. Melitensis*).

8. WEIL'S DISEASE (HEPTOSPIRAL JAUNDICE).

(a) Blood from suspected cases of Weil's disease (especially in miners, sewer workers, fish workers) taken during the first few days of illness for detection of *heptospira icterohaemorrhagiae*.

(b). Blood serum for diagnosis of Weil's disease by agglutination tests with *heptospira icterohaemorrhagiae*.

9. Water. Bacteriological examination of samples from water supplies as a test of potability.

10. Milk. Bacteriological examination of milk samples for bacterial cleanliness and freedom from pathogenic organisms and tests for efficiency of pasteurisation methods.

Sterile outfits for the collection and forwarding of specimens may be obtained from the laboratory, now at Penlan Road, Carmarthen.

In addition to the facilities offered the Laboratory are prepared to send one of their Medical Officers to help in the investigation of any local outbreak.

Ambulance Facilities.

The County War Memorial Hospital, Haverfordwest, has an Ambulance which is available for the greater part of the County.

An Infectious Diseases Ambulance is stationed at the County Isolation Hospital and is ready at any hour to remove Patients to Hospital from any part of the County.

In addition the Ambulances provided for A.R.P. purposes are available.

Nursing in the Home.

The Association co-ordinates the work of 45 Nursing Associations so that conditions of service throughout the County are on similar lines. The 45 Associations employed during 1939, 50 Nurses, of whom 2 were Queen's Nurses, 26 fully trained (non-Queen's) and 22 were Village Nurses holding the C.M.B. Certificate.

There were 32 Cars in use during the year by various Nurses. In addition, 27 Nurses have been connected by telephone.

Two Relief and Emergency Nurses are stationed at Haverfordwest, and undertake cases, where by reason of infection, illness, or accident, or for any other cause, the services of the ordinary Nurse are not available.

One new District Association has been formed and a District Nurse appointed on September 4th, 1939, who undertakes Hakin and a part of the Herbrandston District which had lapsed.

Midwives.

During the Year, 85 Midwives notified their intention to practice. Ten left the County or discontinued practice.

Of the 85 Midwives in practice, 50 were employed by the District Nursing Associations, the remainder being in private practice or Institutions.

The District Nurse Midwives attended an increase of 72 cases on the previous year.

The Transport Grant has continued to prove of great benefit to Nurses and Patients alike, and has again increased the number of Midwifery cases taken by the District Nurses.

The Inspection of Midwives is carried out by the County Superintendent of Nurses, who inspects the work, registers, bags and equipment of all Midwives and sees that a proper standard of Midwifery is maintained. The County Superintendent paid 283 visits in connection with this work. It was not found necessary to report any breach of the rules, either to the Local Supervising Authority or the Central Midwives Board.

HOSPITALS (Public and Voluntary).**Infectious Diseases Hospital.**

During 1939, a total of 78 cases were treated at the Hospital, viz. :—

- 45 Scarlet Fever.
- 28 Diphtheria.
- 3 Typhoid Fever.
- 1 Cerebro Spinal Fever.
- 1 Erysipelas.

Pembroke Dock.

There are 15 general and 5 Maternity Beds at the Victoria Nurses' Home and Meyrick Hospital, Pembroke Dock.

Tenby.

The Cottage Hospital provides 20 beds.

Pembroke.

The Cottage Hospital here has 20 beds.

General Hospitals.

The County War Memorial Hospital, Haverfordwest, provides 185 beds.

Small-Pox, Eglwysrwr.

This Hospital is reserved for cases of Small-Pox. No cases were admitted during the year.

Tuberculosis Hospitals.

The treatment of Tuberculosis is carried out in Pembrokeshire, as throughout Wales, by the King Edward VII. Welsh National Memorial Association. The Association provides and maintains two Hospitals in the County—Sealyham Hospital with 30 beds—15 males and 15 females—and Kensington Hospital, St. Bride's, mainly for surgical tuberculosis in children, with 110 beds.

LOCAL GOVERNMENT ACT, 1929.

Public Assistance Institutions.

Boarded-Out Children.

Six Children are boarded-out with Foster-Parents, and their welfare is supervised by the Guardians and the District Nurses. Reports indicate that they are well looked after and happy.

Vaccination Return for the Year 1939.

District.	No. of Births.	Successful Vaccinations.	Insusceptible to Vaccination.	Died Unvaccinated.	Statutory Declarations.	Other successful Vaccinations received.	No. of Cases successfully Vaccinated after declaration had been made.
Haverfordwest	247	58	—	9	82	—	4
Milford	364	142	—	18	125	6	—
Fishguard	133	85	—	4	36	—	—
St. Davids	69	49	—	4	10	2	—
Narberth	150	43	—	2	44	—	—
Pembroke	242	98	—	6	72	2	—
Tenby	92	36	—	2	37	18	—
Llanfyrnach	23	—	—	3	8	—	—
St. Dogmaels	94	42	—	6	59	2	1

Boarded-Out Children.

Pembroke Area	2
Narberth Area	1
Cemaes Area	3

Name of Institution.	Average No. of Beds provided during the year (other than for Casuals).			Average No. of Beds occupied during the year (other than Casuals) at whole Institutions.	No. of Inmate days (excluding Casuals).	Average nightly number of Casuals.	Average No. of Total Resident Staff during the Year.
	Men.	Women.	Children under 16.				
Haverfordwest	40	42	45	108	39451	2	19
Pembroke	40	40	36	94	36399	2	16
Narberth	31	24	—	28	9530	24	6
Narberth Children's Home	—	—	15	12	—	—	3
Saundersfoot Children's Home	—	—	17	15	4843	—	3

Accommodation and Staff of the various Public Assistance Institutions.

Name of Institution.	No. of beds.	Nursing Staff.
Priory Mount, Haverfordwest.	93	Master, E. Emlyn Evans. Matron, Mrs. A. F. Evans (S.R.N., S.C.M.). Assistant Matron (S.R.N.). Midwife (S.C.M.). 1 Senior Assistant Nurse. 5 Junior Assistant Nurses.
Haverfordwest Children's Home	34	Foster Father. Foster Mother.
Narberth Lodge, Narberth	55	Master, J. R. Cole Matron, Mrs. M. I. Cole, (S.R.N., S.C.M.).
Saundersfoot Children's Home	19	Foster Father, T. G. Howells. Foster Mother, Mrs. W. I. Howells.
Woodbine House, Pembroke	104	Master, D. Ernsting. Matron, Mrs. D. Ernsting (S.R.N., S.C.M.). Head Nurse (S.C.M.). 1 Senior Assistant Nurse. 1 Assistant Nurse. 2 Junior Assistant Nurses.
Croft House, Pembroke	25	Foster Mother, Mrs. F. Hughes. Foster Father, S. E. Hughes.

Institutional Provision for The Care of The Mentally Defective.

Extracts from Report of Pantglas Hall Certified Institution for the Training of Mental Defectives.

Admissions.

There was one admission—from Pembrokeshire.

Register.

Number on the Institution Register—106.

Of these, 33 were notified by the Pembrokeshire Local Authority.

Maternity and Child Welfare Service.

The Maternity and Child Welfare Service continues as before. The Child Welfare Centres are conducted by the Medical Staff of the County Health Department.

There are now seven Infant Welfare Centres operating in the County.

Free Milk is supplied to necessitous Mothers, and infants under school age who are found to need it, after investigation of the financial circumstances.

The sum of approximately £600 was expended on free milk under this scheme during the year.

The number of Infant attendances during the year was :

MATERNITY AND CHILD WELFARE.

	Narberth.	Fishguard.	Pembroke Dock.	Goodwick.	Milford Haven.	Tenby.	Haverford- west.
Total number of Children who first attended at the Centre during the year 1939 and who, on that date of their first attendance were :—							
(1) Under 1 year of age	30	25	69	18	60	22	60
(2) Over 1 year of age	3	9	9	6	40	39	22
Total number of children under 5 years of age who attended at the Centre during the year 1939 and who, at the end of the year, were :—							
(1) Under 1 year of age	26	32	53	12	84	53	57
(2) Over 1 year of age	35	39	49	20	142	62	28

Children Act, 1908.

It is the duty of the County Medical Officer to keep a register of all children kept by persons, other than relatives, for gain. All persons who intend to board a child for gain must obtain prior sanction. Inspection is carried out from time to time by the Visitors, and any necessary action is taken.

Unmarried Mothers, Illegitimate Infants, and Homeless Children.

The County has no institutional provision for unmarried mothers, illegitimate infants, and motherless children, other than that provided at the various Public Assistance Institutions, but considerable help has been obtained from the Organising Secretary of the St. David's Diocesan Moral Welfare Committee, who has been able to arrange for supervision of several unmarried mothers.

Nursing Homes Registration Act, 1927.

The two Registered Homes in the County have been periodically inspected and found to fulfil the necessary requirements.

Maternal Mortality.

The Maternal Mortality Rate for 1939 was 4.2 deaths per 1,000 births, compared with 3.6 for 1938 and 3.2 for 1937.

1930. Rate.	1931. Rate.	1932. Rate.	1933. Rate.	1934. Rate.	1935. Rate.	1936. Rate.	1937. Rate.	1938. Rate.	1939. Rate.
6.4	9.5	10.02	5.22	9.04	3.7	3.9	3.2	3.6	4.2

Every Maternal Death was investigated by the County Medical Officer, and the County Superintendent of Nurses also enquired into each case from the midwifery point of view.

Orthopaedic Work.

The Orthopædic Scheme continues to work satisfactorily. Many more children are treated in the early stages of crippling than before the scheme started, because it is easier to get parents to bring their infants to local Clinics than to get consent to send them to Cardiff.

Six Clinics were held during the year at Narberth, and attended by Mr. N. Rocyn Jones, F.R.C.S.

Thirty-seven children under five years of age were examined at these Clinics, of which 12 were new cases.

The massage and supervision of exercises is carried out at the homes of the children by the Orthopædic Nurse, and her work is invaluable in this respect. During the year she paid 217 visits to the homes of children under five years of age.

The attendance at the Clinics continues to be excellent and once again the work of the Pembrokeshire Society for the Care of Cripples is gratefully acknowledged. It would be impossible for the majority of cases to attend the Clinics were it not for the provision of cars for transport by these enthusiastic voluntary workers. The Society continues to provide teas and to welcome the patients on their visits to Narberth, and this contributes greatly to the success of the Clinics.

ORTHOPAEDIC, 1939.

Number of cases in Hospital	1
Number of cases discharged from Hospital	1
Cases manipulated at Narberth	6
Plasters at home	5
Alterations to boots, irons, etc.	13
Massage	—
Referred for manipulation	—
X-rays	16

Venereal Diseases.

The arrangement which has been in force for some years continues. Patients are sent to the Swansea General and Eye Hospital, where treatment is carried out.

The following table gives particulars of the Patients treated:—

VENEREAL DISEASES.

RETURN RELATING TO ALL PATIENTS TREATED FROM THE COUNTY UP TO 31st DECEMBER, 1939.

Description.	Syphilis.		Soft Chancre.		Gonorrhoea.		Conditions other than Venereal.		Total.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Number of cases on 1st January under treatment or observation	5	2	—	—	16	8	—	—	21	10	31
Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection	—	—	—	—	—	—	—	—	—	—	—
Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—											
Syphilis, primary	1	—	—	—	—	—	—	—	1	—	1
Syphilis, secondary	—	—	—	—	—	—	—	—	—	—	—
Syphilis, latent in 1st year of infection	—	2	—	—	—	—	—	—	—	2	2
Syphilis, all later stages	—	—	—	—	—	—	—	—	—	—	—
Syphilis, congenital	1	—	1	—	—	—	—	—	1	—	1
Soft Chancre	—	—	—	—	—	—	—	—	1	—	1
Gonorrhoea—											
1st year of infection ...	—	—	—	—	3	3	—	—	3	3	6
Later	—	—	—	—	—	1	—	—	—	1	1

Return of Infectious Diseases during the Year 1939:

DISEASE.	Cemaes R.D.	Fishguard and Goodwick U.D.	Haverfordwest U.D.	Haverfordwest R.D.	Milford U.D.	Neyland U.D.	Pembroke U.D.	Pembroke R.D.	Tenby U.D.	Narberth U.D.	Narberth R.D.	Totals.
Scarlet Fever ...	6	1	14	9	7	16	24	4	3	—	—	84
Diphtheria ...	1	1	1	6	6	5	8	2	5	—	—	37
Pneumonia ...	12	—	2	3	5	1	15	1	—	1	1	41
Cerebro Spinal ...	—	—	—	—	—	1	—	—	2	—	—	3
Erysipelas ...	1	—	—	4	7	—	5	—	2	—	—	19
Dysentery ...	—	—	—	—	—	—	1	—	—	—	—	1
Enteric Fever ...	—	—	3	—	—	—	—	—	—	—	—	3
Ophthalmia Neonatorum ...	1	—	—	—	—	—	—	2	—	—	1	4
Puerperal Pyrexia ...	3	—	1	1	2	—	2	1	—	—	—	10
Whooping Cough ...	1	8	26	3	3	—	9	—	5	—	—	55
Measles ...	—	2	—	—	—	—	—	1	—	1	—	4
TOTAL ...	25	12	47	26	30	9	75	13	18	2	2	259
NUMBER ADMITTED TO ISOLATION HOSPITAL.												
Scarlet Fever ...	—	1	4	4	1	6	23	3	3	—	—	45
Diphtheria ...	—	1	1	6	1	—	12	1	6	—	—	28
Typhoid Fever ...	—	—	3	—	—	—	—	—	—	—	—	3
Cerebro Spinal ...	—	—	—	—	—	—	—	—	1	—	—	1
Erysipelas ...	—	—	—	—	—	—	1	—	—	—	—	1
TOTAL ...	—	2	8	10	2	6	36	4	10	—	—	78

Housing (Rural Workers') Act.

The County Council has continued to deal speedily with all applications under this Act.

During 1939, 10 additional dwellings were reconstructed, bringing the total since the inception of the Act to 376.

Grants amounting to £550 were paid in respect of these premises.

Since the introduction of the Act a total expenditure of £20,275 has been made by way of grant.

The community has derived very real benefit from the application of this Act.

Milk and Dairies Order, 1926, and the Milk (Special Designations) Order, 1936.

Tuberculin Tested Licences held during the year	400
Accredited Licences held during the year	133
Total Licences held	533

No. of Attested Herds in the County at the end of the year—1281.

Cancer.

The Death returns show that 164 inhabitants of the County were certified to have died as a result of various forms of Cancer. The figure for 1938 was 145.

Table showing the localities and comparable figures for the past five years :—

	1935.	1936.	1937.	1938.	1939.
URBAN DISTRICTS :					
Fishguard and Goodwick.....	0	10	9	7	6
Haverfordwest	11	8	7	11	4
Milford Haven	12	15	12	13	13
Narberth	1	1	2	3	3
Neyland	4	2	3	2	6
Pembroke	23	27	25	23	23
Tenby	7	10	7	6	7
RURAL DISTRICTS :					
Haverfordwest	34	26	33	38	35
Narberth	18	26	16	15	27
Pembroke	8	13	4	7	7
Cemaes	23	21	23	21	23
URBAN DISTRICTS	61	73	75	64	90
RURAL DISTRICTS	83	86	76	81	74
ADMINISTRATIVE COUNTY	144	159	151	145	164

Prevention of Blindness.

Poor Persons with failing eyesight requiring expert treatment and advice are examined by the Ophthalmic Surgeon during his monthly visits to this County. Cases of cataract and other Eye diseases are sent for treatment to the Swansea General and Eye Hospital at the expense of the County Council. In cases where glasses are needed these are provided free. A considerable number of the above cases are discovered by the Home Visitor for the Blind during her visits to various parts of the County, and cases are also brought to the notice of the department through Voluntary Workers and Correspondents of the Pembrokeshire Blind Society.

Blind Persons Acts, 1920/38.

There are 246 Blind persons on the register; 103 males and 143 females. Of these 221 come under the classification of "Unemployable Blind."

Thirty new cases have been added to the register during the year and 26 names removed through death.

A large proportion of the Unemployable Blind are also classified as necessitous, and it is necessary for the County Council to supplement their Blind Pension or other income, and this they do in accordance with their Scheme for domiciliary assistance to blind persons.

Wherever necessary the blind persons have been given grants by the Council to such amounts as to bring their incomes up to 15s. a week for each single person and 25s. a week for a blind person with a dependant.

Each case is investigated on its merits and is subject to a half-yearly review.

The "British Wireless Fund for the Blind" sent 60 Wireless Sets for distribution amongst the blind in the County and Wireless Licence Exemption Forms were issued for these, and also many other Exemption Forms were issued for renewals of Free Wireless Licences.

Visits have been made to all parts of the County by the Home Visitor and lessons have been given in Braille,

Moon, Typewriting, Rug Making, Hand Knitting and Basketry, to those desirous of receiving the necessary instruction and good progress is reported.

Many Blind pensions have been obtained with the help of the Visitor, and she has arranged for those so desiring to become Members of the National Library for the Blind.

The Pembrokeshire Blind Society has continued its good work in rendering assistance to the blind in the County by providing them with gifts in clothing, and where necessary extra nourishment is provided for those in ill-health. Social functions have been held which are much enjoyed by those able to attend.

Pupils.

All young persons for whom education or training is possible have been sent to various Institutions. Three pupils are at the Bridgend School for the Blind, where they receive a general education, and, in due course, are given training in a career for which they show themselves to be adapted.

Pupils at Bridgend School.

Iris Roblin.
Lilian Goodridge.
George Mossom.

Worcester College for the Blind.

Frederick Williams.

Workshop Employees at the Swansea and South Wales Institution for the Blind.

William Orford.
Reginald Rowlands.
Thomas George L. Bowen.

Home Workers under the Birmingham Royal Institution for the Blind.

Jenkin Thomas.
Godfrey Smith.
Margaret Price.
Elizabeth Young.
Susannah Phelps.
Raymond Richards.

Tuberculosis.

The arrangement for diagnosis and treatment of Tuberculosis in the County is carried out by the King Edward VII. Welsh National Memorial Association.

Forty-three deaths were attributed to Pulmonary Tuberculosis, compared with 48 for 1938. In addition, 12 deaths were recorded as being due to other forms of Tuberculosis (Meningitis, Peritonitis and involvement of bones and joints).

The Table below gives the death rate of the County from Tuberculosis of the Respiratory System (Pulmonary Tuberculosis) :—

	Urban Rate.	Rural Rate.	County Rate.
1930	0.67	0.91	0.80
1931	1.02	0.58	0.78
1932	0.83	0.80	0.82
1933	0.90	0.88	0.89
1934	0.56	0.65	0.61
1935	0.78	0.74	0.76
1936	0.58	0.52	0.54
1937	0.73	0.68	0.72
1938	0.57	0.57	0.57
1939	0.60	0.41	0.51

Tuberculosis notifications are sent to the County Medical Officer weekly by District Medical Officers, and copies are forwarded to the Tuberculosis Officer.

After-Care of Tuberculous Patients.

The Committee for the After-Care of Tuberculous Patients has been set up and meets regularly.

Up to the end of the year the Committee had received Reports on the physical and home conditions of 64 Patients from myself and the Tuberculosis Physician following completion of Enquiry Forms by the various Local Authorities.

Guardians Committees have been asked to increase the weekly relief to Patients in order to enable them to combat the disease, and the Committee has made grants to Patients, not in receipt of relief, amounting to £10.

In addition, Milk and Cod Liver Oil and Malt have been given when recommended.

The King Edward VII Welsh National Memorial Association. Pembrokeshire Area.

TUBERCULOSIS CLINICS.

PERSONNEL, ETC.

Tuberculosis Physician	Dr. D. Ivor A. Williams.
Clinic	Welsh National Memorial Clinic, County Hospital Annexe, Haverfordwest.

TIME TABLE.

Monday—	
1st and 3rd weeks	Sealyham Tuberculosis Hospital,
2nd and 4th weeks	Wolf's Castle, Pem.
Tuesday—	
1st and 3rd weeks	Kensington Hospital, St. Brides,
2nd and 4th weeks	Pem.
Wednesday—	
1st and 3rd weeks	9.30 a.m. Haverfordwest Clinic. Afternoons, Kensington Hospital, Sealyham Hospital or Domiciliary Visits.
2nd and 4th weeks	9.30 a.m. Haverfordwest Clinic Afternoons, Kensington Hospital, Sealyham Hospital or Domiciliary Visits.
Thursday—	
1st and 3rd weeks	11.30 a.m. Memorial Hospital, Cardigan. Afternoons Sealyham Hospital.
2nd and 4th weeks	11.30 a.m. Eastgate House Clinic, Narberth (2nd Thursday only). 1.30 p.m. Dr. Gibbin's Surgery, Whitland (2nd Thursday only). 10.15 a.m. Dr. Elliott's Surgery, St. Davids (4th Thursday only). 12 noon. Hermon Chapel Fish- guard (4th Thursday only).
Friday—	
1st and 3rd weeks	10.15 a.m. Victoria Nursing Home, Pembroke Dock. 2 p.m. Cottage Hospital, Tenby.
2nd and 4th weeks	10.15 a.m. Victoria Nursing Home, Pembroke Dock. 2 p.m. Nursing Home, Great North Road, Milford Haven.
Saturday—	
1st and 3rd weeks	} Kensington Hospital, St. Brides.
2nd and 4th weeks	

TELEPHONE NUMBERS.

Haverfordwest Clinic	Haverfordwest 298.
Sealyham Hospital	Letterston 15.
Kensington Hospital	Dale 202.

(A) Return showing the work of the Clinics.

Diagnosis.	Pulmonary.			Non-Pulmonary.			Total.			Grand Total.
	Adults. M.	Adults. F.	Children. M.	Adults. M.	Adults. F.	Children. M.	Adults. M.	Adults. F.	Children. M.	Children. F.
A.—New Cases examined during the year (excluding contacts):—										
(a) Definitely tuberculous ...	40	32	9	6	6	6	46	38	15	16
(b) Diagnosis not completed...	25	24	9	7	2	4	32	26	13	17
(c) Non-tuberculous ...	89	73	14	8	20	11	97	93	25	20
B.—Contacts examined during the year:—										
(a) Definitely tuberculous ...	—	—	—	—	—	2	—	—	—	—
(b) Diagnosis not completed ...	—	—	—	3	2	4	—	—	—	—
(c) Non-tuberculous ...	—	—	—	—	—	—	—	—	—	—
C.—Cases written off Register as:										
(a) Recovered ...	7	3	2	—	1	—	7	4	2	—
(b) Non-tuberculous (including any such cases previously diagnosed and entered on Register as tuberculous) ...	—	—	—	—	—	—	97	93	25	20
D.—Number of Cases on Register on December 31st—										
(a) Definitely tuberculous ...	171	186	25	28	28	32	199	214	57	48
(b) Diagnosis not completed ...	—	—	—	—	—	—	19	23	11	7
1. Number of cases on Register on January 1st	494			2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years			7			38
3. Number of cases transferred to other areas cases not desiring further assistance under the scheme, and cases "lost sight of" ...	25			4. Cases written off during the year as Dead (all causes)			9			1967
5. Number of attendances at the Clinics (including Contacts) ...	1783			6. Number of Insured Persons under Domiciliary Treatment on the 31st December			9			225
7. Number of consultations with medical practitioners:—				8. Number of visits by Tuberculosis Officers to homes (including personal consultations)			1967			565
(a) Personal ...	722			10. Number of:—						94
(b) Other ...	565			(a) Specimens of sputum, etc., examined						
9. Number of visits by Nurses or Health visitors to homes of patients ...	412			(b) X-ray examinations made in connexion with Clinic work						
11. Number of "Recovered" cases restored to Register, and included in A(a) and A(b) above	2			12. Number of "T.B. plus" cases on Register on December 31st						

(B) Return showing the extent of Residential Treatment and Observation during the year in Institutions approved for the treatment of Tuberculosis.

	In Institu- tions on Jan. 1st. (1)	Admitted during the year (2)	Discharged during the year (3)	Died in the Institu- tions (4)	In Institu- tions on Dec. 31st (5)
Number of doubtfully tuber- culous cases admitted for observation.	—	12	11	1	—
Adult males	—	6	5	—	1
Adult females	—	—	—	—	—
Children	—	18	16	1	1
Total					
Number of patients suffering from pulmonary tuberculosis.	15	31	24	9	13
Adult males	15	29	30	2	12
Adult females	1	—	—	1	—
Children	31	69	54	12	25
Total					
Number of patients suffering from non-pulmonary tuber- culosis.	1	7	7	—	1
Adult males	1	8	6	—	3
Adult females	3	31	22	—	12
Children	5	46	27	—	16
Total					
Grand Total	36	124	92	13	42

(C) Return showing the results of observation of doubtfully tuberculous cases discharged during the year from Institutions approved for the treatment of Tuberculosis.

Diagnosis on Discharge from Observation.	Pulmonary Cases.										Non-Pulmonary Cases.						Totals.				
	Sanatorium.						Hospital.				Stay under 4 weeks. Stay over 4 weeks.										
	Stay under 4 weeks.			Stay over 4 weeks.			Stay under 4 weeks.		Stay over 4 weeks.												
	M	F	Ch	M	F	Ch	M	F	Ch	M	F	Ch	M	F	Ch	M	F	Ch			
Tuberculous ...	—	—	—	1	—	—	1	—	—	8	1	5	—	1	—	—	2	5	2	7	
Non-Tuberculous ...	—	—	—	1	1	—	4	—	1	5	1	4	—	1	2	—	1	6	10	4	13
Doubtful ...	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	1	—
Totals ...	—	—	—	3	1	—	5	1	1	8	2	9	—	2	2	—	1	8	16	7	20

CONVULSIONS—(BARKLEY'S CASE)

For the purpose of this report the case is reported as a case of epilepsy.

(C) Return showing the results of observation of doubtfully tuberculous cases discharged during the year from Institutions approved for the treatment of Tuberculosis.

(D) Return showing the immediate results of treatment of definitely tuberculous patients discharged during the year from Institutions approved for the treatment of Tuberculosis.

SANATORIUM—(PULMONARY CASES).

Classification on admission to the Institution.	Condition at time of discharge	Duration of Residential Treatment in the Institution.												Grand Totals			
		Under 3 months, but exceeding 28 days			3-6 months			6-12 months			More than 12 months				Totals		
		M	F	Ch	M	F	Ch	M	F	Ch	M	F	Ch				
Class T.B. minus.	Quiescent	—	—	—	2	5	—	1	—	—	—	—	—	3	5	—	8
	Not Quiescent ...	—	—	—	3	9	—	2	1	—	—	—	—	5	10	—	15
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Class T.B. plus Group I.	Quiescent	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Not quiescent ...	—	—	—	—	—	—	—	—	—	—	1	1	1	1	—	2
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Class T.B. plus Group II.	Quiescent	—	—	—	2	—	—	—	—	—	—	—	—	2	—	—	2
	Not Quiescent ...	—	—	—	2	2	—	3	1	—	—	—	—	5	3	—	8
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Class T.B. plus Group III.	Quiescent	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Not quiescent ...	—	—	—	—	1	—	—	—	—	—	—	1	—	2	—	2
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	(Pulmonary)	—	—	—	9	17	—	6	2	—	1	2	—	16	21	—	37

HOSPITAL (PULMONARY CASES).

Class T.B. minus.	Quiescent.	1	—	3	2	3	3	2	3	1	—	—	—	—	5	6	7	18
	Not quiescent ...	5	5	1	3	2	—	1	3	—	—	—	—	—	9	10	1	20
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Class T.B. plus Group I.	Quiescent.	—	1	—	—	—	—	1	1	—	—	—	—	—	1	2	—	3
	Not quiescent ...	2	1	—	3	3	—	1	3	—	—	—	1	—	6	7	1	14
	Died in Institution	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	1
Class T.B. plus Group II.	Quiescent.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Not quiescent ...	—	—	—	—	2	—	1	—	—	1	—	—	—	2	2	—	4
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Class T.B. plus Group III.	Quiescent.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Not quiescent ...	—	—	—	1	1	—	1	1	—	—	—	—	—	2	2	—	4
	Died in Institution	2	1	—	1	—	—	2	—	—	—	1	—	—	5	2	—	8
Totals	(Pulmonary)	10	8	4	10	11	3	9	11	2	1	1	1	1	30	31	10	71

(E) Return showing the immediate results of treatment of definitely tuberculous patients discharged during the year from Institutions approved for the treatment of Tuberculosis.

HOSPITAL (NON-PULMONARY CASES).

Classification on admission to the Institution.	Condition at time of discharge	Duration of Residential Treatment in the Institution.												Grand Totals
		Under 3 months, but exceeding 28 days			3-6 months			6-12 months			More than 12 months			Totals
		M	F	Ch	M	F	Ch	M	F	Ch	M	F	Ch	
Bones and Joints.	Quiescent	—	—	1	—	—	—	—	—	—	—	—	—	1
	Not quiescent ...	1	2	2	—	—	2	—	—	—	1	2	5	9
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—
Abdominal.	Quiescent	—	—	—	—	—	1	1	—	—	—	1	2	3
	Not quiescent ...	—	—	—	—	1	—	—	—	—	—	1	—	1
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Organs.	Quiescent	—	—	—	1	—	—	—	—	—	—	1	—	1
	Not quiescent ...	—	—	—	—	1	—	—	—	—	—	—	1	1
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—
Peripheral Glands.	Quiescent	1	—	3	—	—	4	2	—	2	—	3	9	12
	Not quiescent ...	—	2	2	—	—	3	—	—	—	—	—	5	7
	Died in Institution	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	(Non-Pulmonary)	2	4	8	1	2	8	3	—	5	1	7	6	35

MIDWIFERY AND MATERNITY.

	No. of Cases.			Maternal Deaths.		Mis-carriage.		Medical Aid.				Forceps.		Still-Births.		Deaths of Infants Under One Year.	
	Maternity	Midwifery	Total	Primipara		Maternity	Midwifery	Pregnancy	Labour	Puerperium	Infant	Maternity	Midwifery	Maternity	Midwifery	Maternity	Midwifery
Fully Trained (other than Queen's)	129	365	495	88	3	1	6	4	90	7	10	53	36	10	13	2	6
Queen's Nurses	14	52	66	19	—	—	—	—	18	1	1	1	6	—	2	1	1
Village Nurses	143	333	476	95	1	—	—	16	78	9	6	47	28	5	8	4	5
TOTAL DISTRICT NURSES	286	751	1037	202	4	4	6	9	186	17	17	100	70	15	23	7	12
Midwives in Institutions	19	21	40	1	—	—	—	—	5	2	1	3	1	1	2	—	2
Private Midwives	43	187	230	58	—	1	4	—	34	4	1	26	27	5	8	—	5
GRAND TOTAL	348	959	1307	261	4	2	10	20	225	23	19	129	98	21	23	7	19

Sale Of Food And Drugs.

The duties involved under this Act are undertaken by the Police. There is close co-operation between the Chief Constable and the Public Health Department.

	Number of Samples taken. Genuine.	
MILK	177	141
BUTTER	11	11
MARGARINE	3	3
LARD	5	5
CHEESE	4	4
CORNFLOUR	1	1
BAKING POWDER	1	1
SUGAR	3	3
COCOA	4	4
TEA	4	4
COFFEE	2	2
VINEGAR	3	3
RICE	5	5
CREAM	1	1
FISH PASTE	1	1
FLOUR	5	5
JAM	2	2
CONDENSED MILK	1	1
SODIUM BICARBONATE ...	3	3

Ophthalmia.

This disease, caused by infection from purulent vaginal discharge infecting the eyes of the new-born, is responsible for about one-tenth of all cases of blindness. It is essential, therefore, that Midwives should continue their practice of cleansing the eyes of new-born children.

During 1939:—

Notified.	Treated In Hospital.	Vision Unimpaired.	Vision Impaired.	Total Blindness.
4	4	4	—	—

Causes of Death at Different Periods of Life in the Administrative County of Pembroke, 1939.

[illegible]



Causes of Death.	Fish-guard & Good-wick U-D		Haver-fordwest M-B		Milford Haven U-D		Nar-berth U-D		Ney-land U-D		Pem-broke U-D		Tenby M-B		Aggre-gate of U-D's		Cemaes R-D		Haver-fordwest R-D		Nar-berth R-D		Pem-broke R-D		Aggre-gate of R-D's.	
	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
1. Typhoid and Para Typhoid ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
2. Measles	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	—	—	—	—	—	1	2
4. Whooping Cough	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	7	3
6. Influenza	—	—	—	—	1	2	—	—	1	—	6	1	2	—	10	3	1	—	5	2	—	1	—	—	1	—
7. Encephalitis Lethargica	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
8. Cerebro Spinal Fever	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Tuberculosis of Respiratory System	4	1	2	—	7	—	—	—	2	—	5	1	2	—	20	5	4	1	4	3	—	4	1	1	9	9
10. Other Tuberculous Diseases ...	1	—	2	—	—	—	—	1	—	—	—	1	—	—	1	4	1	1	2	1	1	1	—	—	4	3
11. Syphilis	—	—	1	—	1	—	—	—	—	—	—	—	1	—	3	—	—	—	—	—	—	—	—	—	—	—
12. General Paralysis of the In-sane, Tabes Dorsalis	—	—	1	—	—	—	—	—	—	—	1	—	—	—	1	1	—	—	1	—	—	—	—	—	1	—
13. Cancer, Malignant Disease	3	3	8	6	8	5	2	1	4	2	13	10	3	4	41	31	10	13	19	16	14	13	6	1	49	43
14. Diabetes	—	2	2	1	1	3	—	—	1	1	2	—	1	2	7	9	—	—	2	2	—	2	1	—	3	4
15. Cerebral Haemorrhage, etc. ...	2	1	1	6	4	1	1	—	—	1	7	18	—	1	15	28	6	13	6	11	6	15	1	1	19	40
16. Heart Disease	8	11	10	6	11	12	1	1	7	5	24	30	4	12	65	77	16	21	27	33	17	23	8	6	68	83
17. Aneurysm	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Other Circulatory Diseases ...	—	1	2	2	1	1	—	—	1	—	6	3	3	5	13	12	3	4	8	11	13	9	2	3	26	27
19. Bronchitis	1	3	3	2	—	2	—	—	—	—	2	3	—	1	6	11	2	—	3	6	4	6	1	3	10	15
20. Pneumonia (all forms)	2	2	—	4	5	3	—	1	—	1	9	3	—	1	16	15	4	3	5	4	3	3	—	2	12	12
21. Other Respiratory Diseases ...	—	1	—	—	1	—	—	1	—	1	—	—	—	—	1	3	3	1	—	1	—	—	—	—	3	2
22. Peptic Ulcer	1	—	1	—	1	—	1	—	—	—	—	—	1	2	—	—	1	—	1	1	—	—	1	—	3	1
23. Diarrhoea, etc.	—	—	—	—	—	—	—	—	1	—	—	2	—	—	2	2	—	—	1	—	—	—	—	1	1	1
24. Appendicitis	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
25. Cirrhosis of Liver	—	—	2	—	—	1	—	—	—	—	—	—	1	—	3	1	—	—	—	—	—	—	—	—	1	2
26. Other Diseases of Liver, etc. ...	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	2	1	—	—	—	—	—	—	1	1	3
27. Other Digestive Diseases	—	2	1	1	1	—	—	—	2	—	—	2	—	—	2	7	—	—	2	1	—	—	—	1	1	3
28. Acute and Chronic Nephritis ...	—	1	3	3	2	—	—	1	1	1	8	3	1	1	15	10	6	4	5	5	5	1	1	2	17	12
29. Puerperal Sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
30. Other Puerperal Causes	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	2	—	—	1	—	—	—	—	1	—	2
31. Congenital Debility, Premature Birth, etc.	1	2	—	3	3	2	2	—	—	2	3	3	—	—	9	12	3	3	5	9	—	—	—	2	8	14
32. Senility	2	3	—	3	2	10	—	1	—	—	7	6	—	—	11	23	—	5	7	13	3	5	2	4	12	27
33. Suicide	1	—	—	—	1	—	—	—	—	—	2	—	1	—	5	—	—	1	1	—	—	—	—	—	1	1
34. Other Violence	2	—	5	—	4	3	1	—	—	1	5	2	—	1	17	7	4	1	6	3	5	—	2	1	17	5
35. Other Defined Diseases	4	1	6	2	7	5	1	1	1	—	2	5	1	—	22	14	7	4	15	11	6	9	3	2	31	26
36. Ill-defined or Unknown	—	—	—	—	2	2	—	—	—	—	6	3	—	—	8	5	1	—	1	—	—	1	2	—	3	2
Totals all Causes	32	37	49	42	63	54	9	8	18	20	108	97	22	31	301	289	74	77	127	139	77	94	33	31	311	341
Deaths of Infants under 1 year	Total		3	2	1	3	7	7	3	—	4	6	—	—	18	21	5	4	6	10	2	1	1	3	14	18
	Legitimate		2	2	1	3	7	6	2	—	4	5	—	—	16	19	4	4	6	10	2	1	1	1	13	16
	Illegitimate		1	—	—	—	—	1	—	—	—	1	—	—	2	2	1	—	—	—	—	—	—	2	1	2
Live Births	Total		31	34	66	63	107	107	7	3	110	104	20	26	359	356	66	57	172	181	83	64	33	35	354	337
	Legitimate		28	32	61	56	104	105	6	3	105	102	19	26	340	343	64	56	163	170	79	61	31	33	337	320
	Illegitimate		3	2	5	7	3	2	1	—	5	2	1	—	19	13	2	1	9	11	4	3	2	2	17	17
Still-births	Total		4	2	2	2	2	3	—	—	6	8	4	1	18	18	4	1	7	3	3	2	3	2	17	8
	Legitimate		4	2	2	2	2	3	—	—	4	7	4	1	16	17	4	1	6	3	3	2	2	2	15	8
	Illegitimate		—	—	—	—	—	—	—	—	2	1	—	—	2	1	—	—	1	—	—	—	1	—	2	—
Resident Population, Birth Rate A.			4,835	6,579	10,360	—	971	2,086	—	—	11,400	—	2,822	40,150	—	—	8,791	19,590	—	9,902	—	5,007	—	—	43,290	—
Death Rate B.			4,898	6,689	10,280	—	981	2,080	—	—	11,400	—	2,822	40,150	—	—	8,849	19,720	—	9,923	—	5,078	—	—	43,570	—

Date	Description	Debit	Credit	Balance
1890 Jan 1	Balance forward			100.00
Jan 5	Wages	5.00		95.00
Jan 10	Food	3.00		92.00
Jan 15	Travel	10.00		82.00
Jan 20	Postage	2.00		80.00
Jan 25	Interest	1.00		79.00
Jan 30	Dividend		5.00	84.00
Feb 5	Wages	6.00		78.00
Feb 10	Food	4.00		74.00
Feb 15	Travel	8.00		66.00
Feb 20	Postage	1.50		64.50
Feb 25	Interest	1.00		63.50
Feb 30	Dividend		4.00	67.50
Mar 5	Wages	7.00		60.50
Mar 10	Food	5.00		55.50
Mar 15	Travel	9.00		46.50
Mar 20	Postage	2.50		44.00
Mar 25	Interest	1.50		42.50
Mar 30	Dividend		6.00	48.50
Apr 5	Wages	8.00		40.50
Apr 10	Food	6.00		34.50
Apr 15	Travel	10.00		24.50
Apr 20	Postage	3.00		21.50
Apr 25	Interest	2.00		19.50
Apr 30	Dividend		7.00	26.50
May 5	Wages	9.00		17.50
May 10	Food	7.00		10.50
May 15	Travel	11.00		-0.50
May 20	Postage	3.50		-4.00
May 25	Interest	2.50		-6.50
May 30	Dividend		8.00	1.50
Jun 5	Wages	10.00		-8.50
Jun 10	Food	8.00		-16.50
Jun 15	Travel	12.00		-28.50
Jun 20	Postage	4.00		-32.50
Jun 25	Interest	3.00		-35.50
Jun 30	Dividend		9.00	-26.50
Jul 5	Wages	11.00		-37.50
Jul 10	Food	9.00		-46.50
Jul 15	Travel	13.00		-59.50
Jul 20	Postage	4.50		-64.00
Jul 25	Interest	3.50		-67.50
Jul 30	Dividend		10.00	-57.50
Aug 5	Wages	12.00		-69.50
Aug 10	Food	10.00		-79.50
Aug 15	Travel	14.00		-93.50
Aug 20	Postage	5.00		-98.50
Aug 25	Interest	4.00		-102.50
Aug 30	Dividend		11.00	-91.50
Sep 5	Wages	13.00		-104.50
Sep 10	Food	11.00		-115.50
Sep 15	Travel	15.00		-130.50
Sep 20	Postage	5.50		-136.00
Sep 25	Interest	4.50		-140.50
Sep 30	Dividend		12.00	-128.50
Oct 5	Wages	14.00		-142.50
Oct 10	Food	12.00		-154.50
Oct 15	Travel	16.00		-170.50
Oct 20	Postage	6.00		-176.50
Oct 25	Interest	5.00		-181.50
Oct 30	Dividend		13.00	-168.50
Nov 5	Wages	15.00		-183.50
Nov 10	Food	13.00		-196.50
Nov 15	Travel	17.00		-213.50
Nov 20	Postage	6.50		-220.00
Nov 25	Interest	5.50		-225.50
Nov 30	Dividend		14.00	-211.50
Dec 5	Wages	16.00		-227.50
Dec 10	Food	14.00		-241.50
Dec 15	Travel	18.00		-259.50
Dec 20	Postage	7.00		-266.50
Dec 25	Interest	6.00		-272.50
Dec 30	Dividend		15.00	-257.50
Total		1000.00	1000.00	



