HEREFORDSHIRE COUNTY COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

OF THE

Administrative County of Hereford,

FOR THE YEAR 1938

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HEREFORD:
THE HEREFORD TIMES LTD., PRINTERS,
1939.

COUNTY OF HEREFORD

PUBLIC ASSISTANCE AND PUBLIC HEALTH COMMITTEE OF THE COUNTY COUNCIL. 1939.

REV. W. MARSHALL, *Chairman.*

The Chairman of C.C.
The Vice-Chairman of C.C.
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Miss N. K. Ballard.
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Mr. E. H. Soles.
Mr. H. E. Taylor.
Mr. T. Wainwright.
Mr. J. Wathen.

MIDWIVES AND NURSING SUB-COMMITTEE. 1939.

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Mr. H. W. Bray.
Capt. D. W. Harris.
Mr. J. Leighton.
Mr. J. Lewis.
Rev. W. Marshall.
Dr. J. V. Shaw.

Representatives of County Nursing Association.

Mr. I. Braby.
Mrs. Kevill-Davies.
Mrs. Hinckes.
Lt.-Col. H. F. Lea, C.M.G., D.S.O.

SANATORIUM HOUSE AND BENEFITS SUB-COMMITTEE. 1939.

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Mr. E. A. Hall.
Rev. W. Marshall.
Mr. J. Price.
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Mr. T. Wainwright.

Co-opted Members.

Mr. T. W. Sankey.
Mr. E. H. Soles.

MENTAL DEFICIENCY SUB-COMMITTEE. 1939.

MR. H. LANGFORD, *Chairman.*

The Chairman of C.C.
Miss N. K. Ballard.
Mr. P. C. Bennett.
Mr. S. C. Box.
Mr. W. Davies.
Mr. T. Godsall.
Mr. T. Hopkins.
Rev. W. Marshall.
Mr. E. Molyneux.
Mr. J. Price.
Mr. J. G. Powell.
Dr. J. V. Shaw.
Mr. H. E. Taylor.
Mr. T. Wainwright.
Mr. J. Wathen.

Non-County Council Lady Members.

Mrs. Maclean.
Mrs. Gregory.

To the Chairman and Members of the Public Assistance and Public Health Committee of the Hereford County Council.

Mr. Chairman, Ladies and Gentlemen,

I have much pleasure in submitting to you the Annual Report on the Health and Sanitary Administration of the County for 1938.

Population of the County and General Statistics.

The population of the County at mid-year 1938 is estimated by the Registrar-General to be 108,660, of whom 42,580 belong to the Urban Districts and 66,080 to the Rural Districts.

	1938.	1937.
Birth Rate	14.9	14.5
Death Rate	12.9	13.4
Infantile Mortality Rate (per 1,000 Births)	43.0	48.0
Death Rate—Pulmonary Tuberculosis ...	0.396	0.513
Death Rate—All forms of Tuberculosis ...	0.460	0.595
Death Rate from Cancer	1.85	1.80

Birth Rate.

The Birth Rate for 1938 is 14.9 per 1,000 of the population and is 0.4 per 1,000 higher than in 1937. The figure for England and Wales is 15.1.

Death Rate.

The Death Rate for 1938 is 12.9 per 1,000, which is 0.5 per 1,000 lower than in 1937. The figure for England and Wales is 11.6 per 1,000. The corrected death rate for the county when allowance has been made for age grouping and sex distribution is 10.3 per 1,000.

Deaths from—	1938.	1937.
Influenza	19	64
Bronchitis	37	39
Pneumonia	64	73
Whooping Cough	4	–
Measles	1	3

Infantile Mortality.

The Infantile Mortality Rate for 1938 is 43 per 1,000 births. The rate for legitimate children is 43.6 per 1,000 and for illegitimate children 35.4 per 1,000 births. The figure for England and Wales is 53 per 1,000 births.

Maternal Mortality.

There was one death from Puerperal Pyrexia and two from other Puerperal causes in 1938, compared with 2 Sepsis and 4 Pyrexia in 1937. The Maternal Death Rate is 1.85 per 1,000 live births as compared with 3.77 in 1937. The rate per 1,000 total births (live and still) is 1.79 as compared with 2.97 for England and Wales.

TUBERCULOSIS.

The Death Rate from Tuberculosis for the year 1938 shows a decrease compared with 1937. The Death Rate from Pulmonary Tuberculosis is 0.396 per 1,000 of the population, and that from other forms of Tuberculosis is 0.064 per 1,000 of the population. The total Tuberculosis Death Rate is 0.460 per 1,000, as compared with 0.595 in 1937. The figure for England and Wales for the total Tuberculosis Death Rate was 0.635 in 1938.

INFECTIOUS DISEASES.

The incidence of infectious disease is much the same as in 1937, the number of notifications in 1938 being 587, against 537 in 1937. The Death Rate from Influenza is much lower than in 1937. The Death Rate from Infantile Diarrhœa is 0.62 per 1,000 births for 1938, as compared with 2.5 per 1,000 births in 1937. The figure for England and Wales is 5.5 per 1,000 births in 1938.

PUERPERAL PYREXIA.

The treatment of women suffering from Puerperal Pyrexia is provided by the County Council at the Hereford General Hospital, subject to certain rules and conditions.

Twelve cases of Puerperal Pyrexia were treated during 1938.

DIFFICULT LABOUR.

Cases of difficult labour are treated at the Hereford General Hospital, and the services of a Consultant Obstetrician are now available. 90 cases were dealt with during 1938.

OPHTHALMIA NEONATORUM.

Eleven cases of Ophthalmia Neonatorum were treated at the Hereford Eye Hospital during the year.

VENEREAL DISEASES.

Specimens of blood for Wassermann Reaction are sent to Birmingham University and films for Gonococci are examined at the County Laboratory. Whenever a positive Wassermann reaction is found, a confidential letter, without any name being mentioned, is sent to the medical practitioner concerned offering treatment for his patient at the Clinic. The Clinic is held at the Isolation Block of the Hereford Public Assistance Institution, and in-patient treatment is also provided for in the same Institution, at the Herefordshire General Hospital and at Cleveland House, Wolverhampton.

COUNTY LABORATORY.

6,028 Specimens were examined in 1938, as compared with 4,977 in 1937. The work is useful in controlling epidemics, and positive results

of swabs are phoned to the doctors and also to the District Medical Officers of Health, so that immediate steps can be taken.

MENTAL DEFICIENCY.

Cases of Mental Deficiency are brought to the notice of the Medical Adviser by various voluntary and other agencies. Provision is made for adult cases at Ross Institution, which is certified by the Board of Control, and where suitable training is available in mat-making under the supervision of an attendant. The accommodation at Ross is to be extended to house 40 female defectives, and 40 male defectives will be provided for at Weobley. Children are sent to suitable Institutions outside the County. Very considerable difficulty continues to be experienced in finding vacancies for low grade children.

I have to thank the members of the Public Assistance and Public Health and other Committees for their continued co-operation and support. I also wish to express my indebtedness to the District Medical Officers and the Staff of the Health Department for their valued assistance and co-operation.

I have the honour to be,

Your obedient Servant,

S. W. SAVAGE, M.D., D.P.H.

County Health Department,
Hereford.

June, 1939.

COUNTY STAFF.

COUNTY MEDICAL OFFICER OF HEALTH, CHIEF S.M.O., Etc.:

PETER LOWE, M.A. (Hons.), B.Sc., M.B., Ch.B., D.P.H., Barrister-at-Law. (Retired 31.12.38.)

SIDNEY W. SAVAGE, M.A., M.D., D.P.H. (Appointed 1.1.39.)

CLINICAL TUBERCULOSIS OFFICER and MEDICAL SUPERINTENDENT NIEUPORT SANATORIUM:

BASIL ADAMS, M.D., D.P.H.

ASSISTANT COUNTY MEDICAL OFFICERS OF HEALTH and ASSISTANT SCHOOL MEDICAL OFFICERS:

LEO FAY, M.B., Ch.B., D.P.H. (Resigned 31.3.38.)

DAVID G. ANDERSON, M.B., Ch.B., D.P.H. (Resigned 23.6.38.)

HUGH F. GREEN, M.B., B.Ch., M.R.C.S., L.R.C.P., D.P.H. (Appointed 29.8.38.)

WILLIAM HOGG, M.R.C.S., L.R.C.P., B.S., D.P.H. (Appointed 1.4.38.)

VIOLET L. HICKSON, M.R.C.S., L.R.C.P., D.P.H.

SUPERVISOR OF MIDWIVES and SUPERINTENDENT OF NURSES:

Miss B. SHENTON.

HEALTH VISITORS:

Miss J. ANDREWS.
Miss E. J. GLEADELL.
Miss E. HURDLEY.
Mrs. C. E. TURNER.
Miss W. M. HEATON. (Appointed 16.12.38.)

LABORATORY ASSISTANTS:

S. W. HICKS.
E. J. GREENFIELD. (Appointed 9.5.38.)

CLERICAL STAFF:

Chief Clerk—L. A. NICHOLLS, C.R.San.I.

J. L. Trinder.
Miss D. Webber.
F. J. Goode (resigned 20.2.38).
H. A. Rock.
L. O. Cotterell.
K. J. Williams.
N. S. Holmes.
R. E. Walters.
A. G. Lane (appointed 14.3.38).
J. Adams (Leominster Area) (resigned 30.9.38).
B. J. Scandrett (Leominster Area) (appointed 1.10.38)
P. G. Hancox (Ross Area).

DISTRICT MEDICAL OFFICERS OF HEALTH.

URBAN.

District.	*Medical Officer of Health.*
Bromyard	Dr. David G. Anderson. (Resigned 23.6.38.) Dr. Hugh F. Green. (Appointed 29.8.38.)
Hereford City	Dr. A. M. Brown.
Kington	Dr. David G. Anderson. (Resigned 23.6.38.) Dr. Hugh F. Green. (Appointed 29.8.38.)
Ledbury	Dr. Leo Fay. (Resigned 31.3.38.) Dr. Wm. Hogg. (Appointed 1.4.38.)
Leominster	Dr. David G. Anderson. (Resigned 23.6.38.) Dr. Hugh F. Green. (Appointed 29.8.38.)
Ross-on-Wye	Dr. Leo Fay. (Resigned 31.3.38). Dr. Wm. Hogg. (Appointed 1.4.38.)

RURAL.

Hereford	Dr. R. Wood Power.
Bromyard ... ... Leominster and Wigmore ... Kington ... ... Weobley	Dr. David G. Anderson. (Resigned 23.6.38.) Dr. Hugh F. Green. (Appointed 29.8.38.)
Ledbury ... ... Ross and Whitchurch ... ... Dore and Bredwardine	Dr. Leo Fay. (Resigned 31.3.38.) Dr. Wm. Hogg. (Appointed 1.4.38.)

PUBLIC ASSISTANCE DEPARTMENT.

MEDICAL OFFICERS, ETC., UNDER THE POOR LAW ACTS.

Medical District.	*Medical Officer.*	*Public Vaccinator.*	*Population* 1931.
Bromyard ...	J. H. Marshall ...	J. H. Marshall ...	4609
Bishops Frome ...	S. W. Russell ...	S. W. Russell ...	3302
Cradley	William Webster ...	William Webster ...	1067
Bredwardine ...	W. W. Wilson ...	W. W. Wilson ...	1866
Kentchurch ...	G. Hope Scott ...	G. Hope Scott ...	943
Longtown ...	W. H. Morgan ...	W. H. Morgan ...	2002
Madley	O. J. C. Cotton ...	O. J. C. Cotton ...	1606
Peterchurch ...	G. B. McMichael ...	G. B. McMichael ...	1481
Burghill	J. R. Bulman ...	J. R. Bulman ...	7750
Dewchurch ...	A. W. Langford ...	A. W. Langford ...	5698
Hereford City ...	J. E. Wells	J. E. Wells	24163
Eardisley	H. C. D. Miller ...	H. C. D. Miller ...	1156
Kington	G. W. Dryland ...	G. W. Dryland ...	3481
Kinsham	R. R. Walker ...	R. R. Walker ...	810
Pembridge ...	G. W. Spencer ...	G. W. Spencer ...	1211
Lower Harpton ...	G. W. Dryland ...	G. W. Dryland ...	68
Bosbury	E. A. M. J. Goldie ...	E. A. M. J. Goldie ...	1592
Ledbury	G. B. McKean ...	G. B. McKean ...	5289
Yarkhill	H. G. Langdale-Smith	H. G. Langdale-Smith	2599
Colwall	O. P. Giles ...	O. P. Giles ...	2511
Leominster ...	A. H. Driver ...	A. H. Driver ...	8389
Kingsland ...	D. C. Vaughan ...	D. C. Vaughan ...	4706
Bodenham ...	J. W. Johnstone ...	J. W. Johnstone ...	678
Wigmore	R. H. Bruce Bell ...	R. H. Bruce Bell ...	2314
Ross No. 1. Area ...	H. L. D'Olier Duckworth	L. B. Green... ...	4041
No. 2 ,, ...	D. I. Anderson ...	L. B. Green... ...	3136
No. 3 ,, ...	L. B. Green... ...	L. B. Green... ...	4898
No. 4. ,, ...	G. M. Lloyd ...	L. B. Green... ...	2320
Hope Mansell ...	L. G. Llewellyn ...	L. G. Llewellyn ...	216
Garway	G. Hope Scott ...	G. Hope Scott ...	356
Whitchurch ...	P. G. Harvey ...	P. G. Harvey ...	1302
Welsh Bicknor ...	G. M. Lloyd ...	G. M. Lloyd ...	74
Weobley	J. S. Clarke ...	J. S. Clarke ...	3344
Eardisland ...	G. W. Spencer ...	G. W. Spencer ...	437
Canon Pyon ...	H. Colbatch Clark ...	H. Colbatch Clark ...	512
Staunton-on-Wye	E. W. Malcomson ...	E. W. .Malcomson ...	1840

HOSPITALS.

(i.) ISOLATION HOSPITALS.

Name of Hospital and Situation.	*No. of Beds.*	*Management.*
Hereford City Isolation Hospital, Tupsley	16	Hereford Town Council.
Hereford Rural District Isolation Hospital, Stretton Sugwas ...	27	Hereford Rural District Council.
Hereford Small-Pox Hospital, Tupsley	8	Hereford Town Council.
Hereford Rural District Small-Pox Hospital, Burley, Bromyard ...	4	Hereford Rural District Council.

The number of beds is based on the requirements of the Ministry of Health, which recommend 144 square feet per patient.

PUBLIC ASSISTANCE INSTITUTIONS.

(ii.) PARTICULARS OF ACCOMMODATION AVAILABLE FOR SICK PATIENTS IN THE PUBLIC ASSISTANCE INSTITUTIONS.

Name.	*Situation.*	*Purpose.*	*Sick.*			*Maternity.*		*Mental Deficiency.*		*Lock Wards.*		*Medical Officer.*	NURSING STAFF.			
													Head Nurse.	*Staff Nurses.*	*Assistant Nurses.*	*Male Nurses*
			M.	W.	C.	W.	C.	M.	W.	M.	W.					
Bromyard ...	Bromyard...	General	18	11	4	2	2	–	–	–	–	Non-Resident	1	1	2	–
Hereford ...	Hereford ...	,,	38	40	6	4	4	–	–	1	2	,,	1	2	9	2
Kington ...	Kington ...	,,	12	10	–	1	1	–	–	–	–	,,	1	1	2	–
Ledbury ...	Ledbury ...	,,	15	14	2	2	2	–	–	–	–	,,	1	–	1	–
Leominster ...	Leominster..	,,	13	13	–	2	2	–	–	–	–	,,	1	1	3	–
Ross ...	Ross ...	,,	24	17	–	4	4	25	15	–	–	,,	1	–	3	–
Weobley ...	Weobley ...	,,	12	14	–	–	–	–	–	–	–	,,	–	1	–	–

(iii.) VOLUNTARY HOSPITALS FOR GENERAL MEDICAL AND SURGICAL CASES.

Name and Situation.	*No. of Beds including Cots.*	*Remarks.*
Herefordshire General Hospital, Hereford ...	152	46 Medical, 70 Surgical, 9 Maternity, 21 Orthopædic, 6 Isolation.
Victoria Eye Hospital, Hereford	20	10 Male, 7 Female, 2 Private, 1 Ophthalmia Neonatorum.
Leominster Cottage Hospital	16	5 Male, 7 Female, 3 Private for either sex, 1 Cot.
Ledbury Cottage Hospital	12	5 Male, 4 Female, 2 Private for either sex. 1 Cot.
Ross Dispensary and Cottage Hospital ...	16	5 Male, 5 Female, 3 Private, 3 Shelters.
Kington Victoria Cottage Hospital	9	3 Male, 3 Female, 2 Emergency for either sex. 1 Cot.

GENERAL STATISTICS.

Area	538,924 Acres.
Population—1938	108,660
„ 1937	109,150

Number of Inhabited Houses end of 1938 31,563

Rateable Value, £554,449 (City, £214,900; County, £339,549)

Sum represented by a penny rate—£2,270.

	Total.	*M.*	*F.*
Births—Legitimate	1510	788	722
„ Illegitimate	113	61	52
Still Births—Legitimate	55	35	20
„ Illegitimate	2	0	2

BIRTH RATE—14.9 per 1,000.

STILL BIRTH RATE—0.52 per 1,000 population or 34 per 1,000 total births.

Deaths	1401	670	731

CRUDE DEATH RATE—12.9 per 1,000.

CORRECTED DEATH RATE—10.3 per 1,000.

Number of Women dying in or in consequence of childbirth—

From Sepsis 1

From other Causes 2

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

Legitimate, 43.1; Illegitimate, 35.4; Total, 43.

Deaths from Measles (all ages)	1
„ „ Whooping Cough (all ages)	4
„ „ Diarrhœa (under 2 years of age)	1

POPULATION.—The following table shows the Census population for 1921 and 1931 and for mid-year 1938:—

	1938. *Mid-Year.*	1931. *Census.*	1921. *Census.*
ADMINISTRATIVE COUNTY ...	108,660	111,767	113,189
URBAN DISTRICTS	42,580	41,201	39,976
RURAL DISTRICTS	66,080	70,566	73,213

Urban Districts.

	Population Mid-Year 1938	*Population Census* 1931
Bromyard	1,534	1,570
Hereford City (M.B.)	25,890	24,163
Kington	1,741	1,742
Ledbury	3,262	3,284
Leominster (M.B.)	5,546	5,707
Ross-on-Wye	4,607	4,735
	42,580	41,201

Rural Districts.

Bromyard	6,869	7,408
Dore and Bredwardine	7,215	7,898
Hereford	13,220	13,448
Kington	4,501	4,701
Ledbury	8,195	8,707
Leominster and Wigmore ...	9,732	10,663
Ross and Whitchurch	10,750	11,608
Weobley	5,598	6,133
	66,080	70,566

Total Estimated Civil Population.

As given by Registrar-General.

	Population Mid-Year 1938	*Population Mid-Year* 1937
Urban Districts	42,580	42,350
Rural Districts	66,080	66,800
Total Population Administrative County	108,660	109,150

BIRTH-RATE.

The total number of births registered in the County during 1938, after due correction, was 1,623, against 1,588 in 1937. Of this number, 656 occurred in the Urban Districts and 967 in the Rural Districts.

	No. of Births, 1938	*Birth-rate,* 1938	*Birth-rate,* 1937
URBAN DISTRICTS.			
Bromyard	18	11·7	17·7
Hereford City	402	15·5	13·8
Kington	30	17·2	18·7
Ledbury	57	17·5	14·4
Leominster	85	15·3	15·7
Ross-on-Wye	64	13·9	15·7
RURAL DISTRICTS.			
Bromyard	99	14·4	15·3
Dore and Bredwardine ...	106	14·7	15·0
Hereford	186	14·1	14·2
Kington	71	15·8	15·3
Ledbury	121	14·8	14·4
Leominster and Wigmore ...	133	13·7	12·7
Ross and Whitchurch ...	171	15·9	14·6
Weobley	80	14·3	15·6

Birth-Rates of Urban and Rural Districts and Administrative County.

(PER 1,000 PERSONS LIVING.)

	1938	1937
Urban Districts	15·4	14·7
Rural Districts	14·6	14·5
Administrative County	14·9	14·5
England and Wales	15·1	14·9

The birth-rate for the Administrative County is 0·4 per 1,000 higher than in 1937.

Of the Urban Districts the highest rate occurred in Ledbury (17·5), and the lowest in Bromyard (11·7). Of the Rural Districts the highest rate occurred in Ross and Whitchurch (15·9), and the lowest in Leominster and Wigmore (13·7).

Illegitimate Births.

There were, during 1938, 113 (7·0%) illegitimate births in the County, compared with 119 in 1937 and 95 in 1936.

DEATH-RATE.

The number of deaths which occurred in the County during 1938, after due correction for residents and non-residents, was 1,401. Of these, 534 occurred in the Urban Districts and 867 in the Rural Districts. The following table shows how these deaths are distributed and the rates per 1,000 persons living :—

	No. of Deaths, 1938	*Death Rate,* 1938	*Death Rate,* 1937
URBAN DISTRICTS.			
Bromyard	19	12·4	13·1
Hereford City	315	12·2	12·7
Kington	23	13·2	15·3
Ledbury	42	12·9	18·1
Leominster	66	11·9	11·8
Ross-on-Wye	69	14·9	17·7
RURAL DISTRICTS.			
Bromyard	96	14·0	14·9
Dore and Bredwardine ...	107	14·8	15·1
Hereford	171	12·9	12·1
Kington	53	11·8	15·3
Ledbury	95	11·6	13·1
Leominster and Wigmore ...	139	14·3	13·7
Ross and Whitchurch ...	133	12·4	11·8
Weobley	73	13·0	13·1

Death-Rates of Urban and Rural Districts and Administrative County.

(Per 1,000 Persons Living.)

	1938	1937
Urban Districts	12·5	13·6
Rural Districts	13·1	13·3
Administrative County	12·9	13·4
England and Wales	11·6	12·4

The death-rate of the County for 1938 is 0·5 per 1,000 lower than that for the year 1937, and is 1·3 per 1,000 higher than the death-rate for England and Wales.

Of the Urban Districts, the highest death-rate (14·9) occurred in Ross-on-Wye, and of the Rural Districts (14·8) in Dore and Bredwardine.

The following table gives the chief causes of death, with percentages for the year 1938:—

Cause of Death.	*No. of Deaths.*	*Percentage of Total Deaths.*
1. Organic Heart Disease	400	28·5
2. Malignant Disease	201	14·3
3. Cerebral Hæmorrhage	116	8·3
4. Pneumonia	64	4·6
5. Nephritis and Bright's Disease ...	60	4·3
6. Other Circulatory Diseases	55	3·9
7. Violence (other than Suicide) ...	52	3·7
8. Tuberculosis (including Phthisis, 43)...	50	3·6
9. Senility	45	3·2
10. Congenital Causes	44	3·1
11. Bronchitis	37	2·6
12. Other Digestive Diseases	32	2·3
13. Diabetes	21	1·5
14. Influenza	19	1·4
15. Other Respiratory Diseases ...	15	1·1
16. Appendicitis	13	0·9
17. Peptic Ulcer	13	0·9
18. Suicide	9	0·6

INFANTILE MORTALITY.

The infant mortality rate refers to the number of children who die under the age of one year, per 1,000 births. During the year there were 30 deaths in the Urban and 40 deaths in the Rural Districts of children under one year—in all 70 as compared with 77 in 1937.

	No. of Deaths, 1938	*Rate,* 1938	*Rate,* 1937
URBAN.			
Bromyard	—	—	74
Hereford City	18	45	42
Kington	1	33	30
Ledbury	2	35	21
Leominster	5	59	—
Ross-on-Wye	4	62	55
RURAL.			
Bromyard	3	30	47
Dore and Bredwardine ...	6	57	73
Hereford	10	54	59
Kington	1	14	57
Ledbury	3	25	92
Leominster and Wigmore ...	5	37	48
Ross and Whitchurch ...	7	41	31
Weobley	5	62	45

Infantile Mortality Rates for Urban and Rural Districts and Administrative County.

(PER 1,000 BIRTHS.)

	1938	1937
Urban Districts	46	37
Rural Districts	41	56
Administrative County	43	48
England and Wales	53	58

The rate for the County as a whole is lower by 5·0 per 1,000 births than that for 1937. The rate for the Urban Districts is 9·0 per 1,000 higher than in 1937, and that for the Rural Districts is 15·0 per 1,000 lower than in 1937.

There were 66 deaths among LEGITIMATE children under one year, out of 1,510 LEGITIMATE births—equal to a rate of 43·7 per 1,000.

There were 4 deaths among ILLEGITIMATE children under one year, out of 113 ILLEGITIMATE births—equal to a rate of 35·4 per 1,000.

In England and Wales as a whole the rate in 1938 was 53 per 1,000 births.

In the 126 great towns it was 57 per 1,000 births. In the 148 smaller towns it was 51 per 1,000 births.

ZYMOTIC DEATH-RATE, Etc.

By the above term is meant the deaths from the Principal Infectious Diseases. There were 29 deaths, against 74 in 1937.

Number of Deaths from the Principal Zymotic Diseases in 1938.

	Urban Districts.	*Rural Districts.*	*Admin. County*
Small Pox	—	—	—
Measles	—	1	1
Scarlet Fever	1	—	1
Whooping Cough	4	—	4
Diphtheria	—	1	1
Enteric Fever...	1	—	1
Diarrhœa and Enteritis (under 2 years)	—	1	1
Influenza	6	13	19
Encephalitis Lethargica ...	—	1	1
TOTALS	12	17	29

TUBERCULOSIS.

During the year 1938, 50 deaths were directly attributable to Tuberculosis. Of this number, 43 of the deaths were caused by Pulmonary Tuberculosis (Phthisis), and 7 by other tubercular diseases.

Compared with 1937, therefore, there were 15 less deaths from all forms of Tuberculosis, 13 less deaths from Tuberculosis of the Lungs (Phthisis), and 2 less from other forms of Tuberculosis than in 1937.

Phthisis.

TUBERCULOSIS OF LUNGS (PHTHISIS).—The number of deaths from Phthisis in the Administrative County during 1938 was 43 (compared with 56 in 1937), of which 24 occurred in the Urban and 19 in the Rural Districts. The rates per 1,000 persons for the separate districts are :—

DISTRICT.	*No. of Deaths,* 1938	*Rate per* 1,000, 1938	*Rate per* 1,000, 1937
URBAN DISTRICTS.			
Bromyard	—	—	0·66
Hereford City	10	0·38	0·66
Kington	2	1·15	—
Ledbury	—	—	0·61
Leominster	6	1·08	0·36
Ross-on-Wye	6	1·30	0·43
RURAL DISTRICTS.			
Bromyard	2	0·29	0·86
Dore and Bredwardine ...	1	0·14	0·69
Hereford	5	0·38	0·61
Kington	1	0·22	0·66
Ledbury	3	0·37	0·24
Leominster and Wigmore ...	5	0·51	0·30
Ross and Whitchurch ...	1	0·09	0·27
Weobley	1	0·18	0·35

The rates for Urban and Rural areas and Administrative County are :—

	No. of Deaths, 1938	*Rate per* 1,000 *persons,* 1938	*Rate per* 1,000 *persons,* 1937
Urban Districts	24	0·564	0·567
Rural Districts	19	0·287	0·479
Administrative County ...	43	0·396	0·513
England and Wales ...	21,931	0·532	0·584

The Phthisis death rate in the Administrative County is less than in 1937 by ·117 per 1,000 persons living.

Other Forms of Tuberculosis.

During 1938 there were 7 deaths—4 in the Urban and 3 in the Rural Districts—from other forms of tuberculosis (compared with 9 in 1937) giving the following rates :—

District.	Total Tuberculosis Rate per 1,000 (including Phthisis).		"Other Forms of Tuberculosis" Rate per 1,000 (excluding Phthisis).	
	1938.	1937.	1938.	1937.
Urban.				
Bromyard	1·30	0·66	1·30	0·00
Hereford City...	0·42	0·70	0·04	0·04
Kington	1·15	0·00	0·00	0·00
Ledbury	0·31	0·61	0·31	0·00
Leominster	1·08	0·36	0·00	0·00
Ross-on-Wye	1·30	0·65	0·00	0·22
Rural.				
Bromyard	0·44	1·00	0·14	0·14
Dore and Bredwardine ...	0·27	0·96	0·14	0·27
Hereford	0·45	0·68	0·07	0·08
Kington	0·22	0·66	0·00	0·00
Ledbury	0·37	0·36	0·00	0·12
Leominster and Wigmore ...	0·51	0·40	0·00	0·10
Ross and Whitchurch ...	0·09	0·37	0·00	0·09
Weobley	0·18	0·35	0·00	0·00

"Total Tuberculosis" and "Other Tubercular Diseases" Rates, Urban and Rural Districts and Administrative County.

	Total Tuberculosis Rate per 1,000 (including Phthisis).		"Other Forms of Tuberculosis" Rate per 1,000 (excluding Phthisis).	
	1938.	1937	1938.	1937.
Urban Districts	0·657	0·614	0·094	0·047
Rural Districts	0·333	0·584	0·045	0·105
Administrative County ...	0·460	0·595	0·064	0·082
England and Wales	0·635	0·695	0·103	0·111

Number of Cases of Tuberculosis Notified from 1st Jan., 1938, to 31st Dec., 1938.

	Pulmonary Tuberculosis.		Other forms of Tuberculosis.	
	No. of Cases Notified.	Rate per 1,000 Population.	No. of Cases Notified.	Rate per 1,000 Population.
Administrative County	63	0·58	39	0·36

ADMINISTRATIVE MEASURES AGAINST TUBERCULOSIS.

Notification, Etc.

The number of Pulmonary Cases notified during 1938 was the same, and the number of non-Pulmonary Cases notified was 4 greater than in 1937.

At Nieuport Sanatorium, Almeley, provided by the County Council, provision is made for the treatment of 34 adults and 28 children. The Children's Block is entirely separated from "Nieuport House," where the adults are accommodated. There are also Tuberculosis Dispensaries at Hereford, Bromyard, Kington, Leominster, Ross, and Ledbury, full particulars being given as to situation and time of clinic on page 38 of this Report.

Camp Meadow Hospital, Ross, was opened on 1st June, 1936, for the treatment of advanced cases. There are 11 beds available. Arrangements have also been made for the treatment of cases of Abdominal, Meningeal, Glandular, Genito-Urinary and Miliary Tuberculosis at the Herefordshire General Hospital.

The Tuberculosis Medical Officers are always willing to examine doubtful cases. Such cases can be admitted to the Sanatorium for further observation and for X-Ray either at the Herefordshire General Hospital, or at Nieuport Sanatorium.

Surgical Tuberculosis.

Beds at The Robert Jones and Agnes Hunt Orthopædic Hospital are available for cases of Surgical Tuberculosis, and these have been occupied continuously throughout the year. Four beds are available for Lupus Cases at The London Hospital, Whitechapel.

General.

During 1938, 43 deaths occurred from Pulmonary Tuberculosis —18 males and 25 females. Seven deaths occurred from non-Pulmonary Tuberculosis—3 males and 4 females. All these cases have previously been notified under the Tuberculosis Regulations.

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations or under the Public Health Act, 1925, Section 62, during the year.

Very close co-operation has been maintained with the Sanitary Authorities, and copies of Laboratory Reports on analyses of Sputa, etc., are sent to Sanitary Authorities for their information, and those Authorities materially assist the Tuberculosis Officer by undertaking the disinfection of shelters.

Patients are visited regularly by the Health Visiting Staff on their discharge from Sanatorium.

A large amount of work is done in regard to non-Pulmonary cases by the local Orthopædic After-Care Committee—a voluntary organisation under the auspices of the British Red Cross Society—which is a most efficient body of workers. Clinics are held at Hereford, Leominster and Ledbury, under the supervision of a Surgeon from The Robert Jones and Agnes Hunt Orthopædic Hospital.

Tuberculosis.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		*Non-Pulmonary.*		*Pulmonary.*		*Non-Pulmonary.*	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	—	—	—	—	—	—	1	—
1—5	—	—	4	3	—	—	—	2
5—15	2	—	8	9	1	7	—	—
15—25	9	6	—	4	6	12	—	—
25—35	10	8	2	3	4	4	—	—
35—45	5	5	1	2	4	1	1	—
45—55	8	1	1	1	1	—	1	2
55—65	2	1	—	1	1	1	—	—
65 and upwards ...	1	5	—	—	1	—	—	—
Totals ...	37	26	16	23	18	25	3	4

Treatment.

During the year the Dispensaries dealt with 882 separate attendances of patients, involving 624 patients; 272 new cases came under review.

The function of the Dispensary is to decide what form of treatment is suitable for each case. Early cases only, if possible, should be sent to Sanatorium. Late cases are treated at Camp Meadow Hospital, Ross, and other cases of Glandular, Abdominal, Meningeal, Genito-Urinary and Miliary Tuberculosis are now treated at the Herefordshire General Hospital.

Seventeen cases of Surgical Tuberculosis received treatment at The Robert Jones and Agnes Hunt Orthopædic Hospital during the year—11 males and 6 females.

One case of Lupus in a female was treated at The London Hospital. One case, a female, was seen as an out-patient.

Twelve males—6 Pulmonary and 6 non-Pulmonary—and 12 females—3 Pulmonary, 8 non-Pulmonary and 1 Observation case —were treated at the Herefordshire General Hospital.

Tables D and E on pages 35 and 36, show the extent of institutional treatment at Nieuport Sanatorium, Camp Meadow Hospital, Ross-on-Wye, and Public Assistance Institutions.

NIEUPORT SANATORIUM.

ANNUAL REPORT FOR YEAR ENDED 31st DECEMBER, 1938.

During the year there have been 126 patients discharged :

1937. 107 pulmonary, 9 non-pulmonary.
1938. 110 „ 15 „

Table I.—NUMBER OF PATIENTS ADMITTED.

Adults.	
Males	32
Females	31
	63
Children.	
Boys	31
Girls	25
	56
Total	119

The ages of these patients are shown in the following Table :

Table II.

AGES OF PATIENTS ADMITTED.

Adults.

Males.		*Females.*	
Under 20 years	2	Under 20 years	7
„ 30 „	15	„ 30 „	10
„ 40 „	7	„ 40 „	12
„ 50 „	6	„ 50 „	2
„ 60 „	1	„ 60 „	—
Over 60 „	1	Over 60 „	—
Total	32	Total	31

CHILDREN.

Boys.		*Girls.*	
Under 5 years	3	Under 5 years	3
„ 10 „	13	„ 10 „	14
„ 14 „	15	„ 14 „	8
Over 14 „	–	Over 14 „	–
Total	31	Total	25

On 31st December, 1937, there were 56 patients remaining in the Sanatorium; 119 cases were admitted during the year 1938, making a total of 175 cases treated in the year. Of that number, 126 have been discharged, leaving 49 patients in the Sanatorium on 31st December, 1938.

TABLE III.

PATIENTS DISCHARGED.

Adults ...	68	Children ...	58	Total ...	126

AVERAGE LENGTH OF TREATMENT.

Adults ...	144 days.	Children ...	165 days.

The Classification on admission of the 126 cases discharged is shewn on Table IV. The method of classification is the same as that used on Page 3 of the Yearly Financial Statement (Form H2.T.) required by the Ministry of Health.

Table IV.

CLASSIFICATION OF CASES DISCHARGED.

	Adults.		Children.		Totals.
	Males.	Females.	Boys.	Girls.	
Pulmonary—					
1. Observation	1	2	22	24	49
2. Early	7	10	—	1	18
3. Intermediate	12	12	—	—	24
4. Advanced	12	8	—	—	20
Non-Pulmonary—					
1. Glandular-Peritoneum, &c....	1	2	6	5	14
2. Bones and Joints	1	—	—	—	1
Totals	34	34	28	30	126

RESULTS OF TREATMENT.

With reference to the results of treatment, the actual gain or loss of weight has been considered in four tables—V. (*a*), (*b*), (*c*), and (*d*)—shewing adult males and females and boys and girls separately. The actual weight is considered in pounds and ounces and, on the whole, is quite satisfactory. The actual condition of the 126 patients on discharge is shewn in Table VI.

Table V. (*a*).

ADULTS (MALES).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
					lb. oz.	lb. oz.	lb. oz.	lb. oz.
Observation ...	1	—	—	—	8 8	—	8 8	—
Early	7	—	—	—	83 0	—	11 14	—
Intermediate ...	11	—	—	1	127 0	—	11 9	—
Advanced ...	8	1	—	3	86 12	3 0	7 5	3 0
Glandular Peritoneum, &c.	—	—	—	1	—	—	—	—
Bones and Joints...	—	—	—	1	—	—	—	—
Totals ...	27	1	—	6	305 4	3 0	11 5	3 0

TABLE V. (*b*).

ADULTS (FEMALES).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
					lb. oz.	lb. oz.	lb. oz.	lb. oz.
Observation ...	2	—	—	—	18 8	—	9 4	—
Early	10	—	—	—	70 4	—	7 0	—
Intermediate ...	12	—	—	—	59 0	—	4 15	—
Advanced ...	3	—	—	5	18 0	—	6 0	—
Glandular Peritoneum, &c.	2	—	—	—	28 4	—	14 2	—
Bones and Joints...	—	—	—	—	—	—	—	—
TOTALS ...	29	—	—	5	194 0	—	6 11	—

TABLE V. (*c*).

CHILDREN (BOYS).

Classification	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
					lb. oz.	lb. oz.	lb. oz.	lb. oz.
Observation ...	22	—	—	—	152 0	—	6 14	—
Glandular-Peritoneum, &c.	6	—	—	—	50 4	—	8 6	—
Bones and Joints ...	—	—	—	—	—	—	—	—
TOTALS ...	28	—	—	—	202 4	—	7 3	—

TABLE V. (*d*).

CHILDREN (GIRLS).

Classification.	No. of Cases which shew				Total		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
					lb. oz.	lb. oz.	lb. oz.	lb. oz.
Observation ...	24	—	—	—	246 8	—	10 4	—
Early	1	—	—	—	9 0	—	9 0	
Glandular-Peritoneum, &c.	5	—	—	—	44 0	—	8 13	—
TOTALS ...	30	—	—	—	299 8	—	10 0	—

TABLE VI.

Classification on Admission.		Classification on Discharge						Total.
		A	B	C	D	E	F	
PULMONARY—								
1. Observation	Males ...	–	–	–	–	–	1	1
	Females...	–	–	–	–	–	2	2
	Boys ...	–	–	–	–	–	22	22
	Girls ...	–	–	–	–	–	24	24
2. Early	Males ...	6	1	–	–	–	–	7
	Females...	9	1	–	–	–	–	10
	Boys ...	–	–	–	–	–	–	—
	Girls ...	1	–	–	–	–	–	1
3. Intermediate	Males ...	2	6	2	–	2	–	12
	Females...	2	7	–	–	3	–	12
	Boys ...	–	–	–	–	–	–	—
	Girls ...	–	–	–	–	–	–	—
4. Advanced	Males ...	–	8	–	3	1	–	12
	Females...	–	3	2	2	1	–	8
	Boys ...	–	–	–	–	–	–	—
	Girls ...	–	–	–	–	–	–	—
NON-PULMONARY—								
1. Glandular-Peritoneum, &c.	Males ...	–	–	–	1	–	–	1
	Females...	2	–	–	–	–	–	2
	Boys ...	3	3	–	–	–	–	6
	Girls ...	1	2	2	–	–	–	5
2. Bones and Joints	Males ...	–	1	–	–	–	–	1
	Females...	–	–	–	–	–	–	—
	Boys ...	–	–	–	–	–	–	—
	Girls ...	–	–	–	–	–	–	—
TOTALS ...		26	32	6	6	7	49	126

A. Disease Quiescent. B. Improved, but not Quiescent. C. No improvement. D. Died in Sanatorium. E. Self-discharged or dismissed. F. No definite evidence of Tuberculosis.

It will be seen from Table VI, that 7 cases (3 men and 4 women) left the Sanatorium against my advice. On the whole, the patients have carried out their treatment to my satisfaction and their general conduct has been excellent.

The patients have continued working as part of their treatment: the men do useful work in the garden and sheds, and the women work in the house.

BASIL ADAMS, M.D., D.P.H.,

Medical Superintendent.

CAMP MEADOW HOSPITAL, ROSS-ON-WYE.

On 1st June, 1936, a small hospital was opened at Ross-on-Wye for the admission of advanced cases of tuberculosis, who are, therefore, not suitable for Sanatorium treatment.

The Hospital is proving very useful, and 21 patients have been treated during the year 1938.

The patients there are made as comfortable as possible, and well looked after—in fact some have improved so much in condition that they have been discharged to their homes.

		In on Dec. 31st, 1937.	Admitted during year 1938.	Discharged during year 1938.	Deaths during 1938.	In on Dec. 31st, 1938.
(a) Number of doubtfully tuberculous cases admitted	Adult Males	–	–	–	–	–
	Ad. Females	–	–	–	–	–
	Children ...	–	–	–	–	–
	TOTAL ...	–	–	–	–	–
(b) Number of patients suffering from Pulmonary Tuberculosis	Adult Males	1	10	6	2	3
	Ad. Females	1	8	4	5	–
	Children ...	–	–	–	–	–
	TOTAL ...	2	18	10	7	3
(c) Number of patients suffering from Non-Pulmonary Tuberculosis	Adult Males	–	–	–	–	–
	Ad. Females	–	1	1	–	–
	Children ...	–	–	–	–	–
	TOTAL ...	–	1	1	–	–
GRAND TOTAL (a), (b) and (c)		2	19	11	7	3

(A) RETURN SHOWING THE WORK OF THE DISPENSARIES DURING THE YEAR 1938.

DIAGNOSIS.	PULMONARY.				NON-PULMONARY.				TOTAL.				GRAND TOTAL
	Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.—New Cases examined during the year (excluding contacts) :—													
(a) Definitely tuberculous	31	16	1	—	5	10	7	10	36	26	8	10	80
(b) Diagnosis not completed ...	—	—	—	—	—	—	—	—	7	5	21	12	45
(c) Non-tuberculous	—	—	—	—	—	—	—	—	31	25	36	30	122
B.—Contacts examined during the year :—													
(a) Definitely tuberculous	1	1	—	—	—	—	—	—	1	1	–	–	2
(b) Diagnosis not completed ...	—	—	—	—	—	—	—	—	1	–	1	–	2
(c) Non-tuberculous	—	—	—	—	—	—	—	—	6	3	8	4	21
C.—Cases written off the Dispensary Register as													
(a) Recovered	6	4	—	—	—	1	2	2	6	5	2	2	15
(b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous) ...	—	—	—	—	—	—	—	—	38	32	62	49	182
D.—Number of Cases on Dispensary Register on December 31st :—													
(a) Definitely Tuberculous	108	71	3	4	24	47	29	25	132	118	32	29	311
(b) Diagnosis not completed ...	—	—	—	—	—	—	—	—	8	5	24	13	50

Return showing the work of the Dispensaries during the Year 1938—*continued.*

1. Number of cases on Dispensary Register on January 1st, 1938	352	7. Number of consultations with medical practitioners (*a*) Personal ... ... (*b*) Other	 47 90
2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years	24	8. Number of visits by Tuberculosis Officers to homes (including personal consultations)	283
3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases " lost sight of " ...	52	9. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes ...	2459
4. Cases written off during the year as Dead (all causes)	38	10. Number of (*a*) Specimens of sputum &c., examined ... (*b*) X-ray examinations made in connection with Dispensary work	 58 76
5. Number of Attendances at the Dispensary (including Contacts)	882	11. Number of " Recovered " cases restored to Dispensary Register, and included in A (*a*) and A (*b*) above	–
6. Number of Insured Persons under Domiciliary Treatment on the 31st December ...	67	12. Number of " T.B. plus " cases on Dispensary Register on 31st December, 1938 ...	119

(B) Number of Dispensaries for the treatment of Tuberculosis (excluding centres used only for special forms of treatment).

Provided by the { Council ... 6
Joint Committee –

Provided by Voluntary Bodies –

Name of Institution.	For Pulmonary Cases.		For Non-Pulmonary Cases.		Total.
	Adults.	Children under 15	Adults.	Children under 15.	
Nieuport Sanatorium	30	4	4	4	42
Children—20 beds					20
Camp Meadow Hospital, Ross-on-Wye	6		6		12
Beds are also available at The Robert Jones and Agnes Hunt Orthopædic Hospital for Bones and Joints Cases, at London Hospital for Lupus Cases, and at the Herefordshire General Hospital for Abdominal, Meningeal, Glandular, Genito-Urinary and Miliary Tuberculosis.			Grand Total		74

Note.—Four beds at Oswestry and four beds at London Hospital are available for Surgical and Lupus Cases in addition to the above.

(D) RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT AND OBSERVATION DURING THE YEAR IN INSTITUTIONS (OTHER THAN POOR LAW INSTITUTIONS) APPROVED FOR THE TREATMENT OF TUBERCULOSIS.

		In Institutions on Jan. 1.	Admitted during the year.	Discharged during the year.	Died in the Institutions.	In Institutions on Dec. 31.
Number of doubtfully Tuberculous cases admitted for observation	Adult males	—	2	2	—	—
	Adult females	—	2	2	—	—
	Children	23	47	47	—	23
	Total	23	51	51	—	23
Number of Patients suffering from Pulmonary Tuberculosis	Adult males	15	44	37	5	17
	Adult females	7	24	20	7	4
	Children	2	1	3	—	—
	Total	24	69	60	12	21
Number of Patients suffering from Non-Pulmonary Tuberculosis	Adult males	5	6	5	1	5
	Adult females	2	12	9	—	5
	Children	8	23	21	—	10
	Total	15	41	35	1	20
	Grand Total ...	62	161	146	13	64

(E) RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT PROVIDED DURING THE YEAR IN POOR LAW INSTITUTIONS FOR PERSONS CHARGEABLE TO THE COUNCIL.

		In Institutions on Jan. 1.	Admitted during the year.	Discharged during the year.	Died in the Institutions.	In Institutions on Dec. 31.
Number of patients suffering from Pulmonary Tuberculosis admitted for treatment.	Adult—Males ...	1	3	3	—	1
	Females ...	—	—	—	—	—
	Children	—	—	—	—	—
	TOTAL	1	3	3	—	1
Number of patients suffering from Non-Pulmonary Tuberculosis admitted for treatment.	Adult—Males ...	1	—	1	—	—
	Females ...	—	—	—	—	—
	Children	1	1	—	1	1
	TOTAL	2	1	1	1	1
	GRAND TOTAL	3	4	4	1	2

DURING THE YEAR FROM INSTITUTIONS APPROVED FOR THE TREATMENT OF TUBERCULOSIS.

	For Pulmonary Tuberculosis. Stay under 4 weeks.			*For Pulmonary Tuberculosis.* Stay over 4 weeks.			*For Non-Pulmonary Tuberculosis.* Stay under 4 weeks.			*For Non-Pulmonary Tuberculosis.* Stay over 4 weeks.			Totals.		
	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.
Diagnosis on discharge from observation—															
Tuberculous	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Non-tuberculous	...	...	...	...	...	42	...	...	...	2	1	4	2	1	46
Doubtful	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...
TOTALS	...	...	...	...	...	42	...	...	...	2	2	5	2	2	47

(G) RETURN SHOWING THE IMMEDIATE RESULTS OF TREATMENT OF DEFINITELY TUBERCULOUS PATIENTS DISCHARGED DURING THE YEAR FROM INSTITUTIONS APPROVED FOR THE TREATMENT OF TUBERCULOSIS.

	Classification on admission to the Institution.	CONDITION AT TIME OF DISCHARGE.	Duration of Residential Treatment in the Institution. Under 3 months.			3—6 months.			6—12 months.			More than 12 months.			Totals.			Grand Totals
			M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	
Pulmonary Tuberculosis.	Class T.B. minus.	Quiescent	3	1	...	1	3	2	...	...	1	...	...	...	4	4	3	11
		Not quiescent	...	2	...	1	...	...	...	...	...	...	...	...	1	2	...	3
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Class T.B. plus Group 1.	Quiescent	...	...	...	1	...	...	1	...	...	...	...	...	2	...	...	2
		Not quiescent	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	1
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Class T.B. plus Group 2.	Quiescent	...	...	...	2	1	...	...	...	...	1	...	...	3	1	...	4
		Not quiescent	3	2	...	1	1	...	4	4	...	1	...	...	9	7	...	16
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Class T.B. plus Group 3.	Quiescent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Not quiescent	3	3	...	3	...	...	5	...	...	1	...	...	12	3	...	15
		Died in Institution	2	3	...	...	1	...	1	1	...	1	...	...	4	5	...	9
	TOTALS (pulmonary)		11	11	...	10	6	2	11	5	1	4	...	...	36	22	3	61
Non-Pulmonary Tuberculosis.	Bones and Joints.	Quiescent	...	...	...	...	1	...	...	...	...	1	1	2	1	2	2	5
		Not quiescent	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abdominal.	Quiescent	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	2
		Not quiescent	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Organs	Quiescent	...	...	...	...	...	...	...	...	1	...	1	...	...	1	1	2
		Not quiescent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Died in Institution	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	1
	Peripheral Glands.	Quiescent	1	...	...	...	...	1	...	...	...	...	...	...	1	...	1	2
		Not quiescent	...	...	...	...	...	2	...	...	5	...	...	2	...	...	9	9
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	TOTALS (non-pulmonary)		1	...	...	1	2	5	...	...	6	2	2	4	4	4	15	23

Dispensaries, 1938.

Dispensary.	*Day and Hours when Dispensary or Visiting Station is open.*	*No. of Patients' Attendances.*	*No. of Cases on Dispensary Register.*
Hereford (St. Peter's House)	Wednesday, Saturday, 10—12.30 ...	349	297
Leominster (Cottage Hospital)	Friday, 11—1 (fortnightly) ...	143	85
Ross (2, Church Street)	Thursday, 11—1 („) ...	165	88
Ledbury (Homend Lodge Cottage) ...	Tuesday, 12.30—2 (monthly) ...	103	61
Bromyard (Froome Bank)	Thursday, 11.30—1 (fortnightly) ...	96	48
Kington (Church Street)...	Tuesday, 1.30—2.30 („) ...	26	45
	TOTALS	882	624

Shelters.

There are now 50 Shelters in use. These have been fairly well utilized during the year.

Extra Nourishment.

During 1938 grants for extra nourishment were made to 40 patients at a cost of £226 7s. 5d.

Nursing Arrangements.

These are the same as described in previous Reports.

OTHER RESPIRATORY DISEASES.

These diseases include Pneumonia, Bronchitis and other diseases of the Respiratory organs (but do not include Tubercular disease of the lungs).

From these causes there were 116 deaths—40 in Urban and 76 in Rural Districts, compared with 123 for 1937.

	Bronchitis.	*Pneu-monia.*	*Other Diseases.*	*Total Rates per* 1,000.
Urban Districts ...	11	24	5	0·94
Rural Districts ...	26	40	10	1·15
Admin. County ...	37	64	15	1·07

Cancer.

During the past year 201 deaths in the County were due to Cancer, 80 occurring in the Urban Districts and 121 in the Rural Districts. The rates are as follows:—

	Rate per 1,000 1938	*Rate per* 1,000 1937
Urban Districts	1·88	1·98
Rural Districts	1·83	1·68
Administrative County ...	1·85	1·80

CANCER.

The following table shows the number of deaths from Cancer since 1908, and the rate per 1,000 of the population :—

Year.	*No.*	*Rate.*
1908	128	1·13
1909	142	1·23
1910	116	1·01
1911	156	1·36
1912	130	1·13
1913	132	1·15
1914	132	1·15
1915	149	1·39
1916	142	1·37
1917	128	1·25
1918	154	1·49
1919	145	1·36
1920	135	1·22
1921	154	1·38
1922	145	1·29
1923	163	1·44
1924	199	1·74
1925	175	1·53
1926	193	1·68
1927	149	1·30
1928	172	1·54
1929	185	1·67
1930	174	1·57
1931	182	1·64
1932	195	1·75
1933	203	1·82
1934	190	1·71
1935	182	1·65
1936	181	1·65
1937	196	1·80
1938	201	1·85

There are no facilities available in the area for the diagnosis and treatment of cancer provided by the County Council. A few cases in the past have been brought to the notice of the Public Health Committee, and treatment agreed to.

PREVALENCE OF INFECTIOUS DISEASES.

Small-Pox.

No cases of Small-pox were notified during the year.

Scarlet Fever.

During the year 199 cases were notified in the Urban and 129 in the Rural Districts—328 in all, against 153 in 1937. There was 1 death from Scarlet Fever during 1938, a female, 5–15 years.

	Attack Rates per 1,000 population.	*Number treated in Hospital.*
Urban Districts	4·67	139
Rural Districts	1·95	98
Administrative County ...	3·02	237

Diphtheria.

The number of cases of Diphtheria notified during 1938 was 78—46 from the Urban Districts and 32 from the Rural Districts, against 68—24 Urban and 44 Rural in 1937.

One death occurred during the year—a male 25–35 years.

	Attack Rates per 1,000 population	*Number treated in Hospital*
Urban Districts	1·08	45
Rural Districts	0·40	46*
Administrative County ...	0·72	91
		* Including Contacts

Typhoid and Allied Fevers.

Two cases of Typhoid Fever occurred during the year, both in the City of Hereford. One female death, 45–55 years.

	Attack Rates per 1,000 population
Urban Districts	0·04
Rural Districts	0·00
Administrative County	0·02

Puerperal Pyrexia.

There were 22 cases of Puerperal Pyrexia notified during the year (8 from Urban Districts and 14 from Rural Districts). Twelve were treated in Hospital and 10 at Home.

There was 1 death during the year from Puerperal Pyrexia between 25–35 years. There were 2 deaths from other Puerperal causes between 25–35 years.

Ophthalmia Neonatorum.

During the year 16 cases were notified—8 from the Urban and 8 from the Rural Districts. Eleven cases were treated in Hospital and 5 at home. In one case vision of one eye was impaired.

Poliomyelitis.

Three cases were notified during the year in Rural Districts.

Encephalitis Lethargica.

One death occurred during the year, a male, 55–65 years, in the Ledbury Rural District.

Whooping Cough.

Four deaths occurred from this disease. 1 male 0–1 years; 1 male 1–2 years; 1 male and 1 female 5–15 years.

Measles.

One death occurred during the year, 1 female 5–15 years.

A system of notification by School Teachers to the School Medical Officer and the District Medical Officers of Health has been in force for several years, and through this channel cases were ascertained.

Erysipelas.

Of this disease 29 cases were notified—8 from the Urban and 21 from the Rural Districts. Three cases were treated in Hospital.

Diarrhœal Diseases.

One death occurred—1 female under 1 year of age.

Influenza.

There were 19 deaths, 6 in the Urban and 13 in the Rural Districts—1 male, 25–35 years ; 1 male and 1 female, 35–45 years ; 1 male, 45–55 years ; 3 males and 4 females, 65–75 years ; 1 male and 7 females over 75 years.

REGISTRATION OF NURSING HOMES.

1.	Number of applications for registration during 1938...	2
2.	Number of Homes registered during 1938	2
3.	Number of orders made refusing or cancelling registration	–
4.	Number of appeals against such orders	–
5.	Number of cases in which such orders have been	
	(*a*) confirmed on appeal	–
	(*b*) disallowed	–
6.	Number of applications for exemption from registration	–
7.	Number of cases in which exemption has been	
	(*a*) granted	–
	(*b*) withdrawn	–
	(*c*) refused...	–
8.	Number of Homes discontinued	2

ISOLATION HOSPITALS.

The provision in respect of Infectious Diseases Isolation Hospitals remains much the same. The Hereford Rural District Isolation Hospital is available, by arrangement, for patients from the whole County, excepting Hereford City.

VENEREAL DISEASES.

By the Approved Scheme one Treatment Centre is provided at the Isolation Block of the Hereford Public Assistance Institution for the whole County, and is under the care of a physician and a surgeon who have specialised in these diseases. Arrangements are made with Birmingham University Pathological Department for the Wassermann tests, etc., and with the County Laboratory for the microscopical work. In-patient treatment is also provided for at the same institution and at Hereford General Hospital for cases requiring operation.

The Clinic is available for the entire County, and is also open to patients from the County of Radnor.

The Clinic is held at the Isolation Block, Hereford Public Assistance Institution, at the following hours :—

Tuesdays, 6–7 p.m.—Females.

Wednesdays, 1.30 to 2.30 p.m.—Males and Females.

Fridays, 6–7 p.m.—Males.

The Clinic is open to Males for irrigation daily (except Sundays) between 6 and 7 p.m.

The Medical Officers are :—

DR. WILLIAM AINSLIE.

DR. C. W. WALKER.

The present arrangements are fairly adequate and the co-operation of the medical profession is satisfactory. On receipt of the results of the Wassermann reactions from Birmingham, a letter is sent to each practitioner whose patient has given a positive result, together with a card giving all particulars of the Clinic and offering treatment for his patient under the Council's scheme.

The medical practitioners in the area are all well informed of the facilities provided for diagnosis and treatment, and that they can consult the medical officers of the Clinic by appointment on any Clinic day.

Fifteen medical practitioners, in addition to the medical officers of the Clinic, are qualified to receive free supplies of arsenobenzene compounds.

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT HEREFORD DURING THE YEAR 1938.

	Syphilis.		Soft Chancre.		Gonorrhœa.		Conditions other than Venereal.		Totals.		
	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	Totals.
1. Number of cases on 1st January under treatment or observation	13	14	...	...	30	7	...	...	43	21	64
2. 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	...	5	...	...	5	1	...	...	5	6	11
3. 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
,, secondary	...	...	...	...	...	...	...	...	...	...	...
,, latent in 1st year of infection...	...	1	...	...	...	...	...	...	...	1	1
,, all later stages	6	3	...	...	...	...	...	...	6	3	9
,, congenital	...	2	...	...	...	...	...	...	...	2	2
Soft Chancre	...	...	...	...	...	...	...	...	...	...	...
Gonorrhœa, 1st year of infection ...	...	...	...	...	46	4	...	...	46	4	50
,, later	...	...	...	...	...	2	...	...	...	2	2
Conditions other than venereal ...	...	...	...	...	...	...	13	7	13	7	20
4. Number of cases dealt with for the first time during the year under report known to have received treatment at other Centres for the same infection	...	...	...	...	5	2	...	...	5	2	7
TOTALS OF ITEMS 1, 2, 3 AND 4 ...	20	25	...	...	86	16	13	7	119	48	167

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT HEREFORD DURING THE YEAR 1938—*continued.*

	Syphilis.		Soft Chancre.		Gonorrhœa.		Conditions other than Venereal.		Totals.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
5. Number of cases discharged after completion of treatment and final tests of cure (see Item 15)	1	2	...	...	14	2	13	7	28	11	39
6. Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from :—											
Syphilis, primary	1	...	...	...	...	...	...	...	1	...	1
,, secondary	...	...	...	...	...	...	...	...	...	...	...
,, latent in 1st year of infection...	...	2	...	...	...	...	...	...	...	2	2
,, all later stages	2	4	...	...	...	...	...	...	2	4	6
,, congenital	2	2	...	...	...	...	...	...	2	2	4
Soft Chancre	...	...	...	...	...	...	...	...	...	...	...
Gonorrhœa, 1st year of infection ...	...	...	...	...	23	3	...	...	23	3	26
,, later	...	...	...	...	...	...	...	...	...	...	...
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure (see Item 15) ...	...	...	...	...	12	3	...	...	12	3	15
8. Number of cases transferred to other Centres or to Institutions, or to care of private practitioners	1	2	...	...	8	3	...	...	9	5	14
9. Number of cases remaining under treatment or observation on 31st December ...	13	13	...	...	29	5	...	...	42	18	60
TOTALS OF ITEMS 5, 6, 7, 8 AND 9 ...	20	25	...	...	86	16	13	7	119	48	167

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT HEREFORD DURING THE YEAR 1938—*continued.*

	Syphilis.		Soft Chancre.		Gonorrhœa.		Conditions other than Venereal.		Totals.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
10. Number of cases in the following stages of syphilis included in Item 6 which failed to complete one course of treatment :—											
Syphilis, primary	...	...	...	...	...	...	...	...	...	...	...
,, secondary	...	...	...	...	...	...	...	...	...	...	...
,, latent in 1st year of infection...	...	...	...	...	...	...	...	...	...	...	...
,, all later stages	1	3	...	...	...	...	...	...	1	3	4
,, congenital	...	1	...	...	...	...	...	...	...	1	1
11. Number of attendances :—											
(*a*) for individual attention of the medical officers	258	261	...	...	615	103	30	12	903	376	1279
(*b*) for intermediate treatment, e.g., irrigation, dressing	...	...	...	...	489	25	...	...	489	25	514
TOTAL ATTENDANCES	258	261	...	...	1104	128	30	12	1392	401	1793
12. In-patients :—											
(*a*) Total number of persons admitted for treatment during the year ...	...	...	...	...	1	1	1	...	2	1	3
(*b*) Aggregate number of "in-patient days" of treatment given ...	...	...	...	...	1	1	11	...	12	1	13

	Under 1 year		1 and under 5 years.		5 and under 15 years.		15 years and over		Totals.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
13. Number of cases of congenital syphilis in Item 3 above classified according to age periods	...	...	...	...	...	...	...	2	...	2

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT HEREFORD DURING THE YEAR 1938—*continued.*

	Arsenobenzene Compounds.	Mercury.	Bismuth.
14. Chief preparations used in treatment of Syphilis :—			
(*a*) Names of preparations	Novarsenobillon. Metarsenobillon. Neokharsivan. Stabilarsan.		Bisglucol. Thiobismol. Bismostab. Cardyl
(*b*) Total number of injections given (out-patients and in-patients) ...	305	—	89

	Microscopical.		Cultural	Serum.		Cerebro-Spinal Fluid.	Others for diagnosis of Venereal Disease.
	For Syphilis.	For Gonorrhœa	For Gonorrhœa	For Syphilis	For Gonorrhœa		
15. **Pathological Work** :—							
(*a*) Number of specimens examined at and by the Medical Officer of the Treatment Centre	—	—	—	—	—	—	—
(*b*) Number of specimens from patients attending at the Centre sent for examination to an approved Laboratory	—	95	—	44	21	—	—

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT HEREFORD DURING THE YEAR 1938—*continued.*

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR, CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

	Hfds.	Monmouth.	Brecon.	Glamorgan	Radnor.	Lancs.	Gloucester	Total.
A. Number of cases in Items 3 and 4 from each Area found to be suffering from :—								
Syphilis	11	1	1	—	—	—	—	13
Soft Chancre	—	—	—	—	—	—	—	—
Gonorrhœa	46	1	3	1	1	—	—	52
Conditions other than venereal	20	—	—	—	—	—	—	20
TOTAL	77	2	4	1	1	—	—	85
B. Total number of attendances of all patients residing in each Area	1702	41	23	15	3	4	5	1793
C. Aggregate number of "In-patient days" of all patients residing in each Area	13	—	—	—	—	—	—	13

HOUSING.

Housing and Town Planning Act, 1909, etc.

	Total New Houses erected during Year.	*Houses erected as Part of Council' Scheme.*
URBAN DISTRICTS.		
Bromyard	22	14
Hereford City	972	375
Kington	12	6
Ledbury	2	—
Leominster	71	50
Ross-on-Wye	111	56
RURAL DISTRICTS		
Bromyard	3	—
Dore and Bredwardine ...	15	8
Hereford	56	—
Ledbury	47	44
Leominster and Wigmore	15	—
Kington	7	4
Ross and Whitchurch ...	22	—
Weobley	8	—

GENERAL.

Urban Districts.

HEREFORD CITY.

WATER SUPPLY.—An 8 in. main has been laid along Barrs Court Road to supply the College Hill Housing Estate, and a 3 in. main has been extended for 900 yards along Bullingham Lane.

A number of services have been laid to supply houses in the Hereford Rural District.

SEWAGE DISPOSAL.—A 12 in. sewer has been laid for 296 yards from Holme Lacy Road along Hoarwithy Road, to drain property on West side; and a 15 in. main has been laid along Watery Lane in connection with the Withy Brook Estate.

The drainage of the College Hill Estate has been completed, also a 24 in. outfall sewer from College Road for a distance of 1,060 yards proceeding along Barrs Court Road to Stonebow Road.

A number of sewers have been constructed by private enterprise, the chief ones being in Bute Avenue, Dinedor Avenue, Hazel Place, Orchard Estate, Putson Estate and Litchfield Avenue.

PUBLIC CLEANSING.—The major portion of the horses and carts used for refuse collection have been replaced by four motor vehicles of the closed type.

A mechanical Gully Emptier and Flusher, and also a mechanical Road Sweeper, have been put into operation.

LEDBURY URBAN.

No important advances have been achieved during the year in the sanitary circumstances of the area.

WATER SUPPLY.—Very serious shortage of water was experienced during the year extending from May until the end of October, and the supply had to be curtailed on several occasions. There are many houses in the area which derive their water supply from private shallow wells and analyses of the waters from these wells have shown that a very large proportion are dangerously polluted. Such polluted wells are a danger to public health.

Analyses of the water supplied by the Council to the remaining portion of the Town are not entirely satisfactory.

There are a large number of water closets in the district without flushing apparatus, such closets cannot be regarded as satisfactory.

ROSS-ON-WYE URBAN.

HOUSING.—The erection of 56 new Council Houses has been completed at Three Crosses Estate for rehousing inhabitants of Clearance Areas and for the abatement of overcrowding.

Official representations have been submitted by the Medical Officer of Health in respect of a further 30 houses which are unfit for human habitation and are not repairable at a reasonable cost.

WATER SUPPLY.—There have been three extensions of the Ross Water Undertaking's mains during the year :—

Eight inch main from reservoir to Gloucester Road ;

Four inch main to Gresleys Housing Estate ;

Four inch main to Three Crosses Housing Estate.

SEWAGE.—The sewerage system has been extended during the year to deal with the following :—

1. Newly-erected houses in Eastfield Road ;
2. 56 houses erected by the Council on the Three Crosses Estate.

There are now only 27 houses in the district which are not connected to the sewerage system.

Rural Districts.

DORE AND BREDWARDINE RURAL.

WATER SUPPLY.—During the year some improvements were carried out on the Longtown Water Scheme, which have improved the supply, and some additional consumers have been connected.

The parish well at Newton St. Margaret's parish was found to be unfit for drinking and the Rural District Council made a closing order for drinking purposes under Section 124 of the Public Health Act, 1936. No supply of water has yet been provided to replace this well.

HEREFORD RURAL.

WATER SUPPLY.—The new water supply for Shucknall Hill was practically completed at the end of the year.

LEDBURY RURAL.

The Ledbury Rural District Council have decided to adopt bye-laws for swimming baths. There are four swimming baths in the area.

Complaints have been received regarding pollution of the River Leadon and the matter is at present under investigation.

ROSS AND WHITCHURCH RURAL.

WATER SUPPLY.—During the year the Llangarren Water Supply was interrupted on several occasions due to mechanical defects in the machinery.

The parish of Whitchurch has not yet been provided with a water supply and during the summer severe shortage was experienced, water having to be hauled to the parish by road.

BYE-LAWS.—The Rural District Council have adopted bye-laws for Pleasure Boats. Pleasure Boating is an important summer trade in the District.

WEOBLEY RURAL.

WATER SUPPLY.—A piped public supply of water was almost completed by the end of the year, only the finishing touches remaining to be done before the Consulting Engineer certified the scheme as being complete. These finishing touches concerned such things as a different pump in the pumping house and additional measures for the consolidation of water at the collecting area in the region of the Riddux.

Water is supplied from a gravel bed which is covered over by a layer of impervious clay or marl. The supply is fairly constant, being if anything greater during the dry Summer months than during the Autumn and it is anticipated that it would be sufficient in the event of Weobley increasing to a much larger village than it is at present. The water passes by gravity from the collecting area to the pumping house whence it is pumped up to the high and low level tanks and thence to the mains. Certain houses and the Public Assistance Institution are fed from the gravity main.

SALE OF FOOD AND DRUGS ACTS.

This is undertaken by the Standing Joint Committee of the County, so far as the County area is concerned. The City of Hereford is a separate local executive Authority, and its Health Committee controls the duties performed under the Acts.

County of Hereford.

	Number of Samples taken.		Genuine.		Adulterated.	
	Formal	Informal	Formal	Informal	Formal	Informal
1. Milk	103	—	92	—	11	—
2. Butter	—	5	—	5	—	—
3. Margarine	—	8	—	8	—	—
4. Pepper	—	7	—	7	—	—
5. Non-Alcoholic Wine ...	—	1	—	1	—	—
6. Pickle	—	2	—	2	—	—
7. Cornflour	—	2	—	2	—	—
8. Jam	—	6	—	6	—	—
9. Cocoa	—	1	—	1	—	—
10. Coffee	—	3	—	3	—	—
11. Sausages	1	2	—	1	1	1
12. Lard	—	2	—	2	—	—
13. Flour	—	7	—	7	—	—
14. Camphorated Oil	—	2	—	2	—	—
15. Cordial	—	1	—	1	—	—
16. Boracic Powder	—	2	—	1	—	1
17. Tincture Iodine	—	6	—	3	—	3
18. Aspirin	—	6	—	5	—	1
19. Potted Meat	—	3	—	3	—	—
20. Ice Cream	—	4	—	4	—	—
21. Condensed Milk	—	6	—	5	—	1
22. Dried Fruit	—	5	—	5	—	—
23. Golden Syrup	—	3	—	2	—	1
24. Honey	—	5	—	5	—	—
25. Gin	—	1	—	1	—	—
26. Currants	—	1	—	1	—	—
27. Treacle	—	1	—	1	—	—
28. Cooked Meats	—	2	—	2	—	—
TOTALS ...	104	94	92	86	12	8
	198		178		20	

Of the 11 samples of milk adulterated, one sample was deficient in fat (27·0%). Proceedings were taken—case dismissed.

One sample was 17·3% deficient in fat and the vendor was fined £5, including £3 7s. 0d. costs. The other 9 samples were slightly deficient in fat and no proceedings were taken.

One formal sample of sausage contained Sulphur Dioxide Preservative, equivalent to 25 parts per million of Sulphur Dioxide. Case dismissed under Probation of Offenders Act. Vendor to pay 4/- costs.

City of Hereford.

FOOD AND DRUGS (ADULTERATION) ACT, 1928.

REPORT OF THE SAMPLING OFFICER FOR THE YEAR ENDING 31st DECEMBER, 1938.

The following table shows the number and nature of the articles submitted to the Public Analyst during the year ending 31st December, 1938, and the result of the analysis :—

Article.	Number Submitted		Number Genuine.		Number Adulterated.	
	Formal	Informal	Formal	Informal	Formal	Informal
1. Milk	4	31	4	30	—	1
2. Condensed Milk	—	3	—	3	—	—
3. Cream	—	5	—	5	—	—
4. Butter	—	9	—	9	—	—
5. Margarine	—	5	—	5	—	—
6. Lard	—	2	—	2	—	—
7. Rice	—	2	—	2	—	—
8. Sago	—	2	—	2	—	—
9. Pepper	—	4	—	4	—	—
10. Ground Ginger	—	1	—	1	—	—
11. Sausages	—	2	—	2	—	—
12. Chilled Salmon	—	1	—	1	—	—
13. Olive Oil	—	1	—	1	—	—
14. Cream of Tartar	—	1	—	1	—	—
15. Camphorated Oil	—	1	—	1	—	—
16. Ammon. Tinct. of Quinine...	—	1	—	1	—	—
17. Tincture of Rhubarb ...	—	1	—	1	—	—
Totals ...	4	72	4	71	—	1
	76		75		1	

OBSERVATIONS.

Milk.

All the samples were free from preservatives and artificial colouring matters.

The average composition of the samples was :—

		Quarter Ending			
		March	*June*	*Sept.*	*Dec.*
Solids—not Fat	(8·5%) ...	8·82%	8·99%	8·78%	8·90%
Fat	(3·0%) ...	3·50%	3·55%	3·50%	3·89%

(The legal limit is shown in parentheses.)

One of the informal samples was deficient of 46% of fat. A formal sample was taken, and this proved genuine. The deficiency in the former case was evidently due to the fact that the retailer had not been stirring the milk in the receptacle in which it was kept.

Condensed Milk.

The samples were found to comply with the Public Health (Condensed Milk) Regulations, 1923, as to labelling, and to contain the equivalent pints of milk as stated on the label.

Cream.

All the samples were genuine and free from preservatives and thickening substances.

Butter and Margarine.

All the samples were free from preservatives and the moisture content below the legal limit of 16%.

MATERNITY AND CHILD WELFARE.

Notification of Births (excluding Hereford City) :—

REGISTERED—(1) Legitimate—Live Births, 1,221, Still Births, 44, (2) Illegitimate—Live Births, 86, Still Births, 2, total, 1,353.

NOTIFIED—(1) Live Births, 1,131 ; (2) Still Births, 33, total, 1,164.

(1) By Midwives, 1,090 ; (2) Parents and Doctors, 74.

Infant Deaths (excluding Hereford City) :—

(1) Legitimate, 48 ; (2) Illegitimate, 4 ; total, 52.

Rate per 1,000 births :—

(1) Legitimate, 39 ; (2) Illegitimate, 46 ; total, 40.

Health Visiting.

The present Scheme, as approved by the Local Government Board, was initiated in November, 1917.

The present staff consists of the Superintendent, with the assistance of a lady clerk, four full time Health Visitors, working in five Health areas. In November, 1928, the areas of Ledbury and Bromyard were put under the charge of one Health Visitor, who is provided with a motor car. Within these areas the part-time service of 47 local District Nurses and six Emergency Nurses is also available, for school and tuberculosis work and notification of birth duties.

In the several areas the Health Visitors and the local District Nurses, visit the notified births, attend the local Infant Welfare Centres, visit all notified cases of Tuberculosis, including discharged soldiers, and attend the local Tuberculosis Dispensaries.

Grants to District Nursing Associations.

The District Nurses in the various areas undertake Midwifery and Public Health work on behalf of the County Council by arrangement with the County Nursing Association. The grant payable to all districts is 67% of the cost of the whole of the work in each district, less fees collected for midwifery and maternity nursing.

The following is a summary of the work carried out during the year 1938 :—

INFANT WELFARE.		*Visits.*
1.	Attendances at Welfare Centres	356
2.	Visits to Ante-Natal Cases	842
3.	Re-visits	5,468
4.	Visits to Infants under 1 year	1,143
5.	Re-visits	11,247
6.	Visits to Children, 1—5 years	16,055
TUBERCULOSIS.		
1.	Attendances at Dispensary	217
2.	Domiciliary Visits to Notified Cases ...	94
3.	Re-visits	2,056
4.	Visits to Discharged Soldiers	17
5.	Visits to Shelters	292
OTHER WORK.		
1.	Ophthalmia—Visits and Re-visits	6
2.	Measles	188
3.	Mental Deficiency	1,486
4.	Puerperal Fever	14
5.	Child Life Protection	234
	TOTAL VISITS	39,715

The arrangements for out-patient orthopædic treatment of children under five years of age is undertaken by the Local Orthopædic After-Care Committee, as described under Tuberculosis.

Cases of difficult labour have been treated at the Hereford General Hospital.

MILK (MOTHERS AND CHILDREN) ORDER, 1918.—The Order has been in force during the year, and is operative within the County area as a whole. Every case is carefully scrutinised by the Nursing Staff and all information as to wages, number in family, etc., is transmitted to the County Medical Officer of Health on special forms. Applications come through the Infant Welfare Centres, medical practitioners, local nurses and Health Visitors. During the period in question these cases were dealt with at a cost of £187 4s. 0d.

Child Welfare Centres.

The arrangements with regard to these Centres are unaltered. No new Centres have been formed during the year.

The following is an account of the work at the Centres during 1938 :—

1.	Number of Infants attended...	346
2.	Number of attendances	2,343
3.	Number of children aged 1–5 years ...	465
4.	Number of attendances	3,108
5.	Number of attendances—Expectant Mothers	11
6.	Average daily attendance	31
7.	Number of children entirely breast-fed ...	99

8. Artificial foods used :—

Cow and Gate	Ostermilk
Hæmolac	Oil and Malt
Virol	Trufood

9. Amount received for artificial foods :—

Virol, *clothing, etc., supplied ... £197 3s. 2d.

(*This includes belts, socks, vests, etc.)

10. Number in attendance at end of year ... 491

Ante-Natal Centres.

An ante-natal centre established by the County Council is held at Church Street, Ross-on-Wye. 50 mothers made 184 attendances during the year.

THE MIDWIVES' ACT.

Summary of the Supervisor's work for 1938.

Regular Supervision of Midwives	113
Special Visits of Enquiry	57

NOTIFICATIONS RECEIVED :—

Of Intention to Practise	135
Of Sending for Medical Help	558
Stillbirths	18
Last Offices	18
Liability to be a source of infection ...	38
Artificial Feeding of Infants	62
Death of Infant before arrival of Doctor...	7
Temporary withdrawals on account of being exposed to infection	30

MIDWIVES PRACTISING AND RESIDENT IN THE COUNTY ON DECEMBER 31ST, 1938:—

Number of Trained Midwives working under Local Nursing Associations affiliated to the County Nursing Association ...	56
Trained Midwives working in adjacent Counties and taking occasional cases in Herefordshire	10
Trained Midwives in Independent practise...	35
Trained Midwives working in Institutions ...	9
	110

Routine Supervisory visits of Midwives and Special Visits when necessary were undertaken by the Supervisor of Midwives.

Five Nurses have been sent for a Midwifery Post Certificate Course by the County Nursing Association.

Lectures arranged through the Herefordshire Branch of the Midwives Institute during the Winter months have been well attended and much appreciated.

Cases Attended by Midwives.

As Midwives	1,106
As maternity nurses	356
	1,462

Notice of Sending for Medical Help.

In case of mother, including for "Rise of Temperature"...	468
In case of infant, including "Eye Discharge"	90
Rise of Temperature eventually notified as Puerperal Pyrexia	13
"Eye Discharge" eventually notified as Ophthalmia Neonatorium	12

Deaths of Mother.

One after transfer to Hospital. Cause, inversion of uterus following confinement.

Stillbirths.

18 Stillbirths were notified by 13 Midwives ; nine at full term ; three at 8 months ; one at 7 months ; four at 6½ months ; one at 5 months. Five were born before the arrival of the Midwife.

Puerperal Pyrexia.

Of the 13 cases notified six were removed to hospital and recovered ; seven were nursed at home by the midwives and all recovered. The Midwives were suspended for the necessary period of disinfection.

Compensation of Midwives.

The following midwives have surrendered their Certificates and have been compensated under the Midwives' Act, 1936.

Marion Lucy Lee, No. 40466.
Annie Monnington, No. 25659.

MENTAL DEFICIENCY.

During the year 5 males and 4 females were certified. Two males were sent to the Ross Approved Public Assistance Institution, one to Hortham Colony, Bristol, one to Rampton State Institution and one to Stoke Park Colony. Three females were sent to the Ross Approved Public Assistance Institution and one to All Souls Special School, Hillingdon, Middlesex.

One female at Rampton State Institution died during the year.

There were 35 males and 32 females in certified institutions at the end of 1938, and one female on licence.

At the end of the year 123 males and 95 females were under supervision at their homes.

The mentally defective cases are visited periodically by the Health Visitors and reported on every two months by them to the Medical Adviser. Arrangements are made for a member of the medical staff to visit and report on urgent cases.

COUNTY LABORATORY,

Complete outfits are supplied by the Health Department. Positive results are transmitted by telephone or telegram in order to avoid delay. No charge is made for the examination of "ordinary" specimens arising out of the routine work of any Sanitary Authority in the County.

Specimens, however, sent by the general public are subject to a modified fee.

The following work was carried out during the year :—

	Passed	*Contaminated*	*Total.*
Examination of Potable Waters—			
Chemical	291	232	523
Bacteriological	220	317	537
River Waters and Sewage Effluents—			
Chemical and Bacteriological ...	—	—	34
Swimming Bath Water—			
Chemical and Bacteriological ...	—	—	11
		Total ...	1105

	No.	*Negative.*	*Positive*
Microscopical.			
Examinations for :—			
Bacillus Dipthheria	2839	1978	861
Bacillus Tuberculosis (Sputum)	826	509	317
Bacillus Tuberculosis (urine) ...	39	33	6
Bacillus Tuberculosis (milk) ...	14	14	0
Bacillus Tuberculosis (pus, etc.)	10	8	2
Bacillus Tuberculosis (C.S.F.)...	1	1	—
Gonococcus	226	150	76
Vincent's Organisms	25	17	8
Typhoid (Blood)	24	24	—
Para. A. (Blood)	21	21	—
Para. B (Blood)	27	25	2
Typhoid (Fæces and urine)	8	7	1
Para. A (Fæces and urine)	2	2	—
Para. B (Fæces and urine)	10	10	—
Urine for Albumen, Sugar and Deposit	336	109	227
Acetone	6	3	3
Brucella Abortus	12	9	3
Spermatozoa	4	1	3
Organisms (pus, meat, etc.) ...	227	75	152
Johnes' Bacillus	24	10	14
B. Chauvei	1	1	—
Hæmolytic Streptococci ...	73	57	16
Actinobacilli	2	1	1
Other examinations	25	14	11
TOTAL	4782	3079	1703
Blood Counts	141		
Samples of water examined ...	1105		
GRAND TOTAL ...	6028		

CONTENTS.

Number of Cases of Infectious Diseases Notified in each District and the Number Removed to Hospital.

Names of Districts.	Cases Notified in each Locality.																			Number of Cases Removed to Hospital from each Locality.												
	Chicken Pox.	Small-pox.	Cholera.	Diphtheria, including Membranous Croup.	Erysipelas.	Scarlet Fever.	Pneumonia.	Enteric Fever.	Continued Fever.	Measles.	Dysentery.	Malaria.	Puerperal Pyrexia.	Ophthalmia Neonatorum.	Cerebro-Spinal Fever.	Acute Poliomyelitis.	Encephalitis Lethargica.	Polio-Encephalitis.	Totals.	Small-pox.	Whooping Cough and Broncho-Pneumonia	Measles.	Diphtheria, including Membranous Croup and Contacts.	Scarlet Fever.	Pneumonia.	Enteric Fever.	Erysipelas.	Puerperal Pyrexia.	Poliomyelitis.	Ophthalmia Neonatorum.	Encephalitis Lethargica.	Cerebro-Spinal Meningitis.	Totals.
URBAN.																																
Bromyard	...	...	...	1	3	3	3	...	...	...	...	...	2	...	...	...	...	...	12	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2
†Hereford City	...	...	...	39	1	152	19	2	...	...	...	...	6	5	...	...	...	...	224	...	...	...	37	107	9	1	...	2	...	4	...	...	...	159
Kington ...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1
Ledbury ...	...	...	...	1	1	4	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	1	2	...	...	...	...	...	...	...	...	...	3
Leominster ...	...	...	...	1	...	28	4	...	...	...	...	...	...	...	...	...	...	...	33	...	...	...	2	22	...	...	...	...	...	...	...	...	...	24
Ross-on-Wye...	...	...	...	4	3	12	5	...	...	...	...	...	...	1	...	...	...	...	25	...	...	...	4	8	...	...	2	...	...	...	...	...	...	14
Total ...	...	...	...	46	8	199	31	2	...	...	...	...	8	8	...	...	...	...	302	...	...	...	45	139	9	1	2	3	...	6	...	...	...	203
RURAL.																																
Bromyard ...	...	...	...	7	3	8	9	...	...	...	...	...	1	1	...	...	...	...	29	...	...	...	7	7	...	...	...	...	...	1	...	...	...	15
Dore and Bredwardine	...	...	...	4	1	11	8	...	...	...	...	...	...	4	...	...	...	...	28	...	...	...	4	5	...	...	...	...	...	3	...	...	...	9
‡Hereford ...	...	...	...	4	1	41	15	...	...	...	15	...	2	1	1	...	...	...	80	...	...	...	14	32	4	...	...	1	...	...	...	1	...	52
Kington ...	...	...	...	2	2	7	1	...	...	...	...	...	1	1	...	...	...	...	14	...	...	...	2	3	...	...	...	...	...	...	...	...	...	5
Ledbury ...	...	...	...	7	1	15	1	...	...	...	...	...	1	...	...	...	...	...	25	...	...	...	7	13	1	1	...	...	...	...	...	...	...	22
Leominster and Wigmore ...	...	...	...	5	4	20	9	...	...	...	...	...	2	1	...	1	...	...	42	...	...	...	8	15	...	...	...	1	1	1	...	...	...	25
Ross and Whitchurch	...	...	...	2	8	27	15	...	...	...	...	...	5	...	...	...	...	...	57	...	...	...	1	22	...	...	1	...	...	...	...	...	...	24
Weobley ...	...	...	...	1	1	...	4	...	...	...	...	...	2	...	...	2	...	...	10	...	...	...	3	1	...	...	...	1	3	...	...	...	...	8
Total ...	...	...	...	32	21	129	62	...	...	...	15	...	14	8	1	3	...	...	285	...	...	...	46	98	5	1	1	3	4	5	...	1	...	160

† Isolation Hospital Accommodation available also for Small-pox.
‡ The Hereford Rural Isolation Hospital is available, by arrangement, for patients from the whole County, excepting Hereford City.

	Cases Notified in 1908											
	Chicken Pox including Varicella	Small-pox	Cholera	Diphtheria, Croup, Membranous Croup	Erysipelas	Scarlet Fever	Pneumonia	Enteric Fever	Continued Fever	Measles
DUBLIN.										
Dublin	...	...	...	15	3	3	3	...	...	...
Rathmines	96	...	...	99	1	152	19	2	...	...
Rathmines	...	...	...	...	...	...	...	...	...	...
Rathmines	...	...	...	16	1	4	...	...	...	...
Rathmines	...	...	...	1	...	58	4	...	...	...
Rathmines	...	...	...	14	3	12	6	...	...	...
TOTAL	25	...	...	46	8	199	31	2	...	...
PROVINCIAL.										
Cork	...	...	...	7	3	8	3	...	...	...
Waterford	...	...	...	4	1	11	8	...	...	...
Limerick	17	...	...	4	1	41	15	1	...	...
Sligo	...	...	...	2	2	7	1	...	...	...
Kilkenny	...	...	...	5	1	16	1	...	...	...
Wexford	...	...	...	6	4	20	9	...	...	...
Wicklow	...	...	...	2	8	27	15	...	...	...
Galway	...	...	...	1	1	...	4	...	...	...
TOTAL	...	...	...	32	21	129	62	...	...	...

Causes of Death at Different Periods of Life in the Administrative County of Hereford, 1935.

CAUSES OF DEATH.	Sex.	AGGREGATE OF URBAN DISTRICTS. All Ages.	0—	1—	2—	5—	15—	25—	35—	45—	55—	65—	75—	AGGREGATE OF RURAL DISTRICTS. All Ages.	0—	1—	2—	5—	15—	25—	35—	45—	55—	65—	75—
ALL CAUSES	M.	246	14	2	...	4	5	3	16	21	40	60	81	424	22	3	1	2	8	15	10	30	48	118	167
	F.	288	16	3	5	5	8	9	11	21	39	66	105	443	18	...	1	5	7	16	19	35	45	116	181
1. Typhoid and paratyphoid fevers ...	M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F.	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Measles	M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...
3. Scarlet Fever	M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F.	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Whooping Cough	M.	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F.	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Diphtheria	M.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Influenza	M.	3	...	...	...	...	...	...	1	...	...	1	1	4	...	...	...	...	...	1	...	1	...	2	...
	F.	3	...	...	...	...	...	...	...	...	...	1	2	9	...	...	...	...	...	...	1	...	...	3	5
7. Encephalitis Lethargica	M.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Cerebro-spinal Fever	M.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Tuberculosis of Respiratory System...	M.	12	...	...	...	...	1	3	4	2	1	...	1	6	...	...	...	...	...	3	...	2	...	1	...
	F.	12	...	...	...	...	5	4	2	...	...	1	...	13	...	...	...	...	2	8	2	1	...	...	...
10. Other Tuberculous Diseases	M.	1	...	...	...	...	...	...	...	1	...	...	...	2	1	...	...	...	...	...	...	...	1	...	...
	F.	3	...	...	1	...	...	...	...	...	2	...	...	1	...	...	...	1	...	...	...	...	...	...	...
11. Syphilis	M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. General paralysis of the insane, tabes dorsalis	M.	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Cancer, Malignant Disease	M.	33	...	...	...	...	...	...	1	5	10	8	9	50	...	...	...	...	...	1	...	5	12	16	16
	F.	47	...	...	...	...	...	...	...	9	13	14	11	71	...	...	...	...	...	1	5	13	18	18	16
14. Diabetes	M.	3	...	...	...	...	...	...	...	1	1	1	...	7	...	...	...	...	1	...	...	...	1	4	1
	F.	7	...	...	...	...	...	...	...	...	2	1	4	4	...	...	...	...	...	...	...	...	...	4	...
15. Cerebral Hæmorrhage, &c.	M.	25	...	...	...	...	...	...	1	2	5	7	10	23	...	...	...	...	...	...	...	...	5	10	10
	F.	31	...	...	...	...	...	...	...	1	3	10	17	37	...	...	...	...	...	...	...	...	5	14	18
16. Heart Disease	M.	61	...	...	...	...	1	...	...	4	11	18	27	137	...	...	...	...	...	2	...	8	12	39	76
	F.	79	...	...	...	...	...	...	2	2	9	29	37	123	...	...	...	...	1	1	1	4	8	33	75
17. Aneurysm	M.	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...
18. Other Circulatory Diseases	M.	14	...	...	...	...	...	...	...	1	1	6	6	17	...	...	...	...	...	...	...	1	1	7	8
	F.	8	...	...	...	...	...	...	...	...	...	5	3	16	...	...	...	...	...	...	...	...	2	4	10
19. Bronchitis	M.	4	...	...	...	...	...	...	...	...	...	2	2	14	...	...	...	...	...	...	...	1	...	3	10
	F.	7	...	...	...	...	...	...	...	...	...	...	7	12	...	...	...	...	...	...	...	...	1	2	9
20. Pneumonia (all forms)	M.	8	1	...	...	...	...	...	...	...	1	1	5	24	3	3	...	...	1	...	3	3	3	3	5
	F.	16	5	2	1	1	...	...	...	1	1	1	4	16	4	...	...	...	1	...	...	3	3	2	3
21. Other Respiratory Diseases ...	M.	2	...	1	...	...	...	...	...	...	...	1	...	4	...	...	...	...	...	...	1	...	...	1	2
	F.	3	...	...	...	...	...	...	1	1	...	1	...	6	...	...	1	1	...	...	...	...	...	4	...
22. Peptic Ulcer	M.	3	...	...	...	...	...	...	...	...	1	1	1	3	...	...	...	...	...	...	1	...	...	2	...
	F.	2	...	...	...	...	...	...	...	1	1	...	...	5	...	...	...	...	...	...	1	1	1	2	...
23. Diarrhœa, &c.	M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Appendicitis	M.	4	...	...	...	1	...	...	2	...	...	1	...	4	...	...	...	...	...	...	1	...	1	2	...
	F.	3	...	...	1	1	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	2	...
25. Cirrhosis of Liver	M.	2	...	...	...	...	...	...	...	1	...	...	1	3	...	...	...	...	...	...	...	...	1	1	1
	F.	1	...	...	...	...	...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	1	...	1	1
26. Other Diseases of Liver, etc. ...	M.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...
	F.	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...
27. Other Digestive Diseases	M.	8	...	...	...	...	...	...	...	1	3	2	2	7	...	...	1	...	...	...	...	1	...	4	1
	F.	5	...	...	...	...	...	...	2	...	1	...	2	12	...	...	...	...	...	1	1	3	...	4	3
28. Acute and Chronic Nephritis ...	M.	10	...	...	...	...	...	...	1	...	3	3	3	30	...	...	...	1	2	...	1	5	3	8	10
	F.	10	...	...	...	...	1	1	...	2	1	...	5	10	...	...	...	1	1	...	...	1	1	6	...
29. Puerperal Sepsis	F.	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30. Other Puerperal Causes	F.	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
31. Congenital Debility, Premature Birth, Malformations, etc.	M.	10	10	...	...	...	...	...	...	...	...	...	...	14	14	...	...	...	...	...	...	...	...	...	...
	F.	9	9	...	...	...	...	...	...	...	...	...	...	11	11	...	...	...	...	...	...	...	...	...	...
32. Senility	M.	6	...	...	...	...	...	...	...	...	...	...	6	6	...	...	...	...	...	...	...	...	...	...	6
	F.	9	...	...	...	...	...	...	...	...	...	...	9	24	...	...	...	...	...	...	...	...	...	...	24
33. Suicide	M.	2	...	...	...	...	...	...	...	1	...	1	...	3	...	...	...	...	2	...	...	...	...	1	...
	F.	3	...	...	...	...	...	1	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...
34. Other Violence	M.	11	1	...	...	2	2	...	2	...	1	1	2	14	1	...	...	...	1	4	2	2	4	...	...
	F.	6	1	...	1	...	1	...	...	...	...	...	3	21	2	...	...	1	2	...	2	1	1	6	6
35. Other Defined Diseases	M.	21	1	...	...	1	1	...	3	2	2	6	5	43	3	...	...	1	1	2	...	1	5	10	20
	F.	17	1	1	1	...	1	1	3	2	5	1	1	40	...	...	...	...	...	3	6	1	4	10	10
36. Causes ill-defined or unknown ...	M.	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	1	...
	F.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
SPECIAL CAUSES INCLUDED IN No. 35 ABOVE.																									
Poliomyelitis	F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Polioencephalitis	M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Causes of Death.	Sex.	All Ages.	0—	1—	2—	5—
All Causes ...	M.	298	14	2	...	2
	F.	289	18	3	5	3
1. Typhoid and paratyphoid fevers ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
2. Measles ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
3. Scarlet Fever ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
4. Whooping Cough ...	M.	2	1	1	...	...
	F.	2	...	...	...	2
5. Diphtheria ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
6. Influenza ...	M.	2	...	...	...	...
	F.	3	...	...	...	...
7. Encephalitis Lethargica ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
8. Cerebro-spinal Fever ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
9. Tuberculosis of Respiratory System.	M.	12	...	...	...	...
	F.	12	...	...	...	...
10. Other Tuberculous Diseases ...	M.	1	...	...	...	...
	F.	3	...	...	1	...
11. Syphilis ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
12. General paralysis of the insane, tabes dorsalis ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
13. Cancer, Malignant Disease ...	M.	32	...	...	...	...
	F.	27	...	...	...	...
14. Diabetes ...	M.	3	...	...	...	...
	F.	7	...	...	...	...
15. Cerebral Hemorrhage, &c. ...	M.	28	...	...	...	...
	F.	31	...	...	...	...
16. Heart Disease ...	M.	61	...	...	...	...
	F.	79	...	...	...	...
17. Aneurysm ...	M.	1	...	...	...	...
	F.	1	...	...	...	...
18. Other Circulatory Diseases ...	M.	14	...	...	...	...
	F.	8	...	...	...	...
19. Bronchitis ...	M.	4	...	...	...	...
	F.	1	...	...	...	...
20. Pneumonia (all forms) ...	M.	16	1	...	...	...
	F.	16	5	2	1	...
21. Other Respiratory Diseases ...	M.	2	...	1	...	...
	F.	3	1	...	...	...
22. Peptic Ulcer ...	M.	3	...	1	...	...
	F.	2	...	...	...	...
23. Diarrhœa, &c. ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
24. Appendicitis ...	M.	4	...	...	...	1
	F.	1	...	...	...	...
25. Cirrhosis of Liver ...	M.	2	...	...	1	1
	F.	1	...	...	...	...
26. Other Diseases of Liver, etc. ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
27. Other Digestive Diseases ...	M.	8	...	...	...	...
	F.	5	...	...	...	...
28. Acute and Chronic Nephritis ...	M.	10	...	...	...	...
	F.	10	...	...	...	...
29. Puerperal Sepsis ...	F.	1	...	...	...	...
30. Other Puerperal Causes ...	F.	1	...	...	...	...
31. Congenital Debility, Immature Birth, Malformations, etc. ...	M.	10	10	...	...	...
	F.	3	3	...	...	...
32. Senility ...	M.	6	...	...	...	...
	F.	9	...	...	...	...
33. Suicide ...	M.	2	...	...	...	...
	F.	1	...	...	...	...
34. Other Violence ...	M.	11	1	...	...	...
	F.	8	1	...	1	...
35. Other Defined Diseases ...	M.	21	...	...	...	...
	F.	17	1	1	1	...
36. Causes ill-defined or unknown ...	M.	...	...	...	...	...
	F.	...	...	...	...	...
Secondary Causes excluded in No. 35 above ...	M.	...	...	...	...	...
	F.	...	...	...	...	...

CAUSES OF DEATH IN HEREFORDSHIRE, 1938.

CAUSES OF DEATH.	Hereford City M.B. 02.		Bromyard U.D. 04.		Kington U.D. 05.		Ledbury U.D. 06.		Leominster M.B. 07.		Ross-on-Wye U.D. 14.		AGGREGATE of Urban Districts		Bromyard R.D. 09.		Dore & Bredwardine R.D. 18.		Hereford R.D. 19.		Kington R.D. 28.		Ledbury R.D. 29.		Leominster and Wigmore R.D. 38.		Ross and Whitchurch R.D. 58.		Weobley R.D. 48.		AGGREGATE of Rural Districts		Total for 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.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES	137	178	10	9	12	11	19	23	29	37	39	30	246	288	52	44	51	56	74	97	28	25	47	48	75	64	58	75	39	34	424	443	670	731
1. Typhoid fever, etc.	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
2. Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
3. Scarlet Fever	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
4. Whooping Cough	1	1	...	...	...	...	...	...	1	1	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
5. Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
6. Influenza	...	1	...	...	1	...	2	...	...	1	...	1	3	3	1	3	...	1	1	2	1	...	1	...	...	1	...	2	...	...	4	9	7	12
7. Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...
8. Cerebro-spinal fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...
9. Respiratory Tuberculosis ...	5	5	...	...	1	1	...	...	3	3	3	3	12	12	1	1	...	1	...	5	...	1	1	2	2	3	1	...	1	...	6	13	18	25
10. Other Tuberculosis	1	...	...	2	...	...	...	1	...	...	...	...	1	3	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	2	1	3	4
11. Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. General paralysis of insane, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	2	...
13. Cancer	16	27	2	...	3	5	...	5	5	4	7	6	33	47	3	6	7	11	11	16	4	5	5	7	8	7	7	12	5	7	50	71	83	130
14. Diabetes	2	5	...	...	...	...	...	2	...	...	1	...	3	7	1	...	1	...	...	1	1	...	...	...	2	...	2	1	...	2	7	4	10	11
15. Cerebral Hæmorrhage	13	21	3	2	...	...	2	4	2	3	5	1	25	31	4	4	2	...	6	10	1	4	3	6	4	7	2	3	1	3	23	37	48	68
16. Heart Disease	34	50	3	3	4	...	6	6	4	15	10	5	61	79	23	14	12	18	22	20	9	8	13	7	26	25	21	24	11	7	137	123	198	202
17. Aneurysm	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	1	2	1
18. Other circulatory	8	5	1	2	2	...	...	...	2	...	1	1	14	8	1	3	2	5	1	1	3	...	1	2	3	1	3	3	3	1	17	16	31	24
19. Bronchitis	3	1	...	...	...	...	...	...	...	3	1	3	4	7	...	2	1	2	3	3	...	...	2	2	6	1	...	2	2	...	14	12	18	19
20. Pneumonia	7	14	...	...	...	...	...	...	...	...	1	2	8	16	4	1	4	1	5	6	3	1	5	2	1	1	1	2	1	2	24	16	32	32
21. Other Respiratory	1	1	...	...	...	...	...	...	...	1	1	1	2	3	...	...	...	1	1	...	1	...	...	...	1	2	1	3	...	...	4	6	6	9
22. Peptic ulcer	1	1	...	...	...	...	...	...	2	1	...	...	3	2	...	1	...	1	2	...	...	...	...	1	1	1	...	1	...	...	3	5	6	7
23. Diarrhœa, &c. (under 2 years) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
24. Appendicitis	3	1	...	...	...	...	...	...	1	1	...	1	4	3	1	...	2	...	...	...	...	1	...	...	...	1	1	...	...	...	4	2	8	5
25. Cirrhosis of Liver	1	...	...	...	...	...	1	...	...	...	...	1	2	1	...	...	...	...	1	...	1	...	1	...	...	...	...	2	...	1	3	3	5	4
26. Other liver diseases	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	2
27. Other digestive	8	3	...	...	...	1	...	...	...	...	...	1	8	5	3	1	1	...	...	3	...	1	1	3	1	3	...	...	1	1	7	12	15	17
28. Nephritis	4	9	...	...	1	...	1	...	2	...	2	1	10	10	3	2	4	...	5	2	1	1	...	1	5	1	10	3	2	...	30	10	40	20
29. Puerperal Sepsis	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
30. Other puerperal	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	2
31. Congenital causes, etc.	7	5	...	...	...	...	1	1	1	2	1	1	10	9	1	...	1	3	2	3	...	...	1	...	4	1	2	3	3	1	14	11	24	20
32. Senility	5	7	...	...	...	...	1	2	...	...	...	...	6	9	...	2	1	...	4	11	...	1	...	5	...	1	...	2	1	2	6	24	12	33
33. Suicide	1	2	...	...	...	...	...	...	1	...	...	1	2	3	1	...	1	...	...	...	...	...	...	1	...	...	...	...	1	...	3	1	5	4
34. Other violence	8	3	...	...	...	2	...	...	1	...	2	1	11	6	...	...	2	4	3	5	1	1	2	2	3	2	2	3	1	4	14	21	25	27
35. Other Defined causes	7	12	1	...	...	1	5	2	4	2	4	...	21	17	4	2	8	7	6	6	2	1	9	7	7	5	4	9	3	3	43	40	64	57
36. Ill-defined causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	2	1	2	1
Special Causes (included in No. 35 above)—																																		
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Polioencephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Deaths of Infants under 1 year—																																		
Total	10	8	...	...	...	1	1	1	3	2	2	2	14	16	2	1	2	4	5	5	1	...	1	2	4	1	3	4	4	1	22	18	36	34
Legitimate	10	8	...	...	...	1	1	1	3	2	2	2	14	16	2	1	2	3	5	5	1	...	1	1	3	...	3	4	4	1	21	15	35	31
Illegitimate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	1	...	...	...	...	1	3	1	3
TOTAL LIVE BIRTHS	199	203	8	10	21	9	30	27	43	42	31	33	332	324	50	49	53	53	94	92	37	34	53	68	78	55	102	69	50	30	517	540	849	774
Legitimate	183	192	6	10	19	9	29	25	40	40	25	30	302	306	44	41	48	49	90	88	36	31	49	63	73	50	98	67	48	27	486	416	788	722
Illegitimate	16	11	2	...	2	...	1	2	3	2	6	3	30	18	6	8	5	4	4	4	1	3	4	5	5	5	4	2	2	3	31	34	61	52
TOTAL STILLBIRTHS	11	2	1	...	...	...	2	1	2	2	...	...	16	5	4	1	...	3	5	2	1	2	1	...	1	3	5	6	2	...	19	17	35	22
Legitimate	11	2	1	...	...	...	2	...	2	2	...	...	16	4	4	1	...	3	5	2	1	1	1	...	1	3	5	6	2	...	19	16	35	20
Illegitimate	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	2
RESIDENT POPULATION	25,890		1,534		1,741		3,262		5,546		4,607		42,580		6,869		7,215		13,220		4,501		8,195		9,732		10,750		5,598		66,080		108,660	

CAUSES OF DEATH.	Bedford Borough	Luton Borough	Dunstable Borough	Ampthill R.D.	Biggleswade R.D.	Flitwick R.D.	Leighton Buzzard R.D.	Luton R.D.	Sharpenhoe R.D.	Shefford R.D.	Woburn R.D.	Tempsford Rural Dist.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
All Causes	25	37	31	197	158	10	9	12	18	18	28	20
1. Typhoid fever, etc.	...	...	...	...	4	...	...	...	...	...	...	...
2. Measles	...	...	...	...	...	...	...	...	...	...	...	...
3. Scarlet Fever	...	...	...	...	1	...	...	...	...	...	...	...
4. Whooping Cough	...	...	...	1	4	...	...	...	...	...	...	1
5. Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...
6. Influenza	...	...	1	13	...	...	...	11	3	12	1	...
7. Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...
8. Cerebro-spinal fever	...	...	...	...	...	...	...	...	...	...	...	...
9. Respiratory Tuberculosis	...	...	6	8	15	...	...	11	2	11	3	2
10. Other Tuberculosis	...	...	...	1	1	...	...	2	1	2	1	...
11. Syphilis	...	...	...	...	...	...	...	...	...	...	...	...
12. General paralysis of insane etc.	...	...	...	...	...	...	...	...	...	...	...	...
13. Cancer	...	...	...	16	88	1	6	9	7	26	6	7
14. Diabetes	...	...	1	...	2	5	...	...	1	...	2	...
15. Cerebral Hæmorrhage	...	...	...	93	21	23	4	4	11	22	14	2
16. Heart Disease	...	...	...	94	60	34	8	24	...	18	6	6
17. Aneurysm	...	...	1	...	1	...	...	...	...	...	...	...
18. Other circulatory	...	...	...	8	6	1	1	1	...	...	...	1
19. Bronchitis	...	...	...	3	1	...	...	...	...	...	...	...
20. Pneumonia	...	...	...	7	11	...	...	...	...	...	...	...
21. Other Respiratory	...	...	...	1	1	...	...	...	...	...	...	...
22. Peptic ulcer	...	...	...	1	1	...	...	...	...	...	...	...
23. Diarrhœa, &c. (under 2 years)	...	...	...	...	...	...	...	...	...	...	...	...
24. Appendicitis	...	...	...	3	1	...	...	...	...	...	...	...
25. Cirrhosis of Liver	...	...	...	1	...	...	...	...	...	1	...	...
26. Other liver diseases	...	...	...	...	...	...	...	...	...	...	...	...
27. Other digestive	...	...	1	6	3	...	...	...	1	...	1	...
28. Nephritis	...	...	1	4	6	...	...	...	...	1	...	2
29. Puerperal Sepsis	...	...	...	...	1	...	...	...	...	...	...	...
30. Other puerperal	...	...	...	...	1	...	...	...	...	...	...	...
31. Congenital causes, etc.	...	...	2	2	3	...	...	...	...	1	1	1
32. Senility	...	...	...	5	5	...	...	...	...	1	...	...
33. Suicide	...	...	...	1	1	...	...	...	...	...	...	...
34. Other violence	...	...	1	3	3	...	...	...	2	1	...	1
35. Other Defined Causes	...	...	3	8	7	1	...	...	...	1	...	4
36. Ill-defined causes	...	...	...	1	...	...	...	...	...	...	...	...
Special Causes (included in No. 35 above)—												
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...
Deaths of Infants under 1 year—												
Total	...	...	...	10	8	...	...	...	...	1	1	2
Legitimate	...	...	...	10	8	...	...	...	...	1	1	2
Illegitimate	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL LIVE BIRTHS	52	72	100	200	172	7	10	20	17	27	20	18
Legitimate	52	72	100	190	161	6	10	18	16	26	20	18
Illegitimate	...	...	...	10	11	1	...	2	1	1	...	...
TOTAL STILLBIRTHS	...	...	...	11	3	1	...	...	...	1	1	...
Legitimate	...	...	...	11	3	1	...	...	...	1	1	...
Illegitimate	...	...	...	...	...	...	...	...	...	...	...	...
ESTIMATED POPULATION	30,000	39,800	17,000	1,859	1,859	1,859	1,859	1,859	1,859	1,859	1,859	1,859