

[Report 1923] / Medical Officer of Health, Isle of Ely County Council.

Contributors

Isle of Ely (England). County Council. n 78027969

Publication/Creation

1923

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ISLE OF ELY COUNTY COUNCIL.

Annual Report
of the
PUBLIC HEALTH

of the
Administrative County of the
Isle of Ely,

For the Year 1923,

With Summary of Reports of District
Medical Officers of Health,

by

J. PIXTON WALKER, M.D., D.P.H.

LITTLEPORT, ISLE OF ELY :
WM. C. BARBER, PRINTER, VICTORIA STREET.
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ISLE OF ELY COUNTY COUNCIL.

Public Health Committee.

ABBISS, F. G.	KERRIDGE, J. W.
BEATON, G. A.	LAXON, M.
BUTCHER, G. T.	LUDDINGTON, J. L.
CHILDS, L.	NEWMAN, A. E. T. (Rev.)
CLARKE, T. W. H.	OLLARD, J. W. A.
CLARKE, Sir W. H.	PEATLING, H. F. M.
CLAYTON, C.	SEWELL, G. F.
COLLINGWOOD, H. D.	SHEPPERSON, E. W., M.P.
CUTLACK, W.	SMITH, J. E. J.
DARBY, G.	WALTON, S. S. (Rev.)
DENNIS, J. H.	WRIGHT, A. E.

Number 22. Quorum 5.

Maternity and Child Welfare Committee.

All the Public Health Committee and the following Co-opted Members:—

Mrs. F. S. BARKER, March. Mrs. COLLINS CLAYTON, Wisbech.
Mrs. WALTON, St. John's Rectory, March.

Number 25. Quorum 5.

Mental Deficiency Committee.

All the Public Health Committee and the following Co-opted Members:—

CLAYTON, Mrs. COLLINS, Wisbech. TUCK, Miss, Ely.
SHARMAN, G., March. WALTON, Mrs. S. S., March.

Number 26. Quorum 5.

Staff.

County Medical Officer of Health.

JAMES PIXTON WALKER, M.D., M.R.C.S., L.R.C.P., D.P.H.

Assistant County Medical Officer of Health.

JOHN YOUNG, M.B., Ch.B., D.P.H.

Health Visitors (Whole-time Officials).

Miss M. F. CRUICKSHANK (March).

Miss G. MORGAN (Whittlesey).

Miss H. L. MORRIS (Ely).

Miss A. MORT (Chatteris).

Mrs. E. A. KENNEDY REID (Wisbech).

Health Visitors (Part-time Officials).

Miss A. BARNETT (Wisbech).

Miss E. M. CARTER (Little Downham).

Miss H. GROOM (Wisbech).

Miss K. E. HARRISON (Sutton).

Miss P. HILL (March).

Miss S. J. KANE (Manea).

Miss A. R. KELLEY (Outwell).

Miss M. E. LOWE (Haddenham).

Mrs. M. PEARCE (Gorefield).

Miss K. F. PEMBERTON (March).

Miss E. SILVER (Wisbech St. Mary).

Home Teacher and Visitor to the Blind.

J. H. MACKENZIE, M.A.

Clerks.

H. A. HOUSE (Chief Clerk). J. HURST.

LOCAL SANITARY AUTHORITIES.

Urban Districts and Boroughs.		Clerks.	District Medical Officers of Health.
1. Ely	.. ..	A. K. Campbell, Esq.	.. F. H. M. A. Beckett, B.A., M.B., B.Ch.
2. Chatteris	.. ..	W. F. Moore, Esq.	.. R. E. Nix, B.A., M.B., B.Ch.
3. March	.. ..	C. Greenwood, Esq.	.. F. A. Evison, M.R.C.S., L.R.C.P.
4. Whittlesey	.. ..	.. ..	.. C. H. Harding, M.R.C.S., L.R.C.P.
5. Wisbech	.. ..	F. W. Coulam, Esq.	.. Harry Groom, B.A., M.D., M.R.C.S., L.S.A.
Rural Districts.		Clerks.	District Medical Officers of Health.
1. Ely	.. ..	F. W. Green, Esq.	.. C. W. Howe, M.B., Ch.B., D.T.M., D.P.H.
2. North Witchford	.. ..	H. P. Sharman, Esq.	.. Cecil E. Stephens, M.D.
3. Thorney	.. ..	A. F. Whittome, Esq.	.. H. Clapham, M.R.C.S., L.R.C.P.
4. Whittlesey	.. ..	J. W. Bowker, Esq.	.. John J. Waddelow, F.R.C.S., L.R.C.P., L.S.A.
5. Wisbech	.. ..	R. W. Faircloth, Esq.	.. C. H. Gunson, M.B., Ch.B.
Port of Wisbech	.. ..	F. W. Coulam, Esq.	.. G. F. Collins, M.R.C.S., L.R.C.P., D.P.H.

*To the Chairman and Members of the
Isle of Ely County Council.*

GENTLEMEN,—

I have pleasure in presenting to you the Annual County Health Report for 1923, this being again an Ordinary Report, and not the full detailed survey required at intervals of not more than five years, except for the figures revealed by the latest Census, which are dealt with more appropriately now than at any later period.

From August 9th, 1923, you were without an Assistant County Medical Officer of Health, but an investigation by Inspectors sent by the Ministry of Health in the month of October clearly demonstrated that there was more work to be done here than could be satisfactorily accomplished by one Medical Officer, and in December an Assistant School Medical Officer was appointed, and he received also official appointment as Assistant County Medical Officer of Health, but he did not take up duty until February 1st, 1924.

There is no feature of the work during the year 1923 that calls for special mention, good work having been performed in all directions. I have pleasure in recording the valuable help I have received from each of the District Medical Officers of Health, their ready co-operation in all measures pertaining to the general health of the community being greatly appreciated,

I have the honour to be, Gentlemen,

Your obedient Servant,

J. P. WALKER.

August, 1924.

Administrative County of the Isle of Ely.

The Annual Reports for the year 1923, from the Medical Officers of Health for the Districts within the Administrative County, as submitted to the Isle of Ely County Council, in pursuance of Section 24, of the Local Government Act, 1888, were received as follows :—

	Area.		Medical Officer.	Date Received.	Style.
Urban Districts	Chatteris .. ..	..	Dr. Nix	.. July 11th, 1924	Typewritten
	Ely .. ..	..	Dr. Beckett	.. May 8th, 1924	Typewritten
	March .. ..	..	Dr. Evison	.. July 30th, 1924	.. Printed
	Whittlesey .. ..	..	Dr. Harding	.. June 10th, 1924	.. Printed
	Wisbech .. ..	..	Dr. H. Groom	.. April 17th, 1924	.. Printed
Rural Districts	Ely .. ..	..	Dr. Howe	.. April 30th, 1924	.. Printed
	North Witchford ..	..	Dr. Stephens	.. May 10th, 1924	.. Printed
	Thorney .. ..	..	Dr. Clapham	.. April 9th, 1924	.. Printed
	Whittlesey .. ..	..	Dr. Waddelow	.. June 25th, 1924	.. Printed
	Wisbech .. ..	..	Dr. Gunson	.. July 23rd, 1924	.. Printed
	Wisbech Port ..	..	Dr. Collins	.. July 22nd, 1924	Manuscript
	San. Authority				

FINANCIAL STATEMENT.

Below is a statement of the cost of the Isle of Ely County Council's Public Health Services for the year 1923—24, apart from the cost of the School Medical Service.

	Year under review.				Previous Year.			
	£	s.	d.		£	s.	d.	
Salaries of Medical Officers and Health Visitors	2481	4	10	...	2563	15	5	
Tuberculosis (Clinics, Sanatoria)	3044	15	7	...	3536	12	9	
Maternity and Child Welfare... ..	880	8	0	...	977	9	1	
Venereal Disease	415	5	11	...	219	1	7½	
Mental Deficiency	484	14	6	...	500	0	2½	
Welfare of the Blind	110	7	8	...	—			
Establishment Expenses	99	12	2½	...	134	4	4½	
	7516	8	8½		7931	3	5½	
Less amount received from Education Committee for School Medical Service	910	19	6	...	1206	16	4	
Nett	£6605	9	9½	...	£6724	7	1½	

	£ s. d.			
Receipts from Grants, &c.—				
Tuberculosis	2581	7	7	...
Maternity & Child Welfare	646	0	0	...
Venereal Disease	211	5	0	...
Mental Deficiency	269	0	0	...
Miscellaneous	137	14	2	...
	£3845	6	9	...
Net Cost payable from County Funds	£2760	2	5½	...
	£3414	8	10	

STATISTICS, 1923.

Area of Administrative County (land & water)...	acres	238,073
Rateable Value		£580,257
Reduced Assessable Value		£326,263
Product of a Penny Rate—General Purposes, 2s. 4d.;		
Education, 1s. 9d. Total, 4s. 1d.		£1,712
Population (estimated to middle of year)		75,250
No. of Births in the year	<div> <div> Legitimate <div> males 732 females 687 </div> </div> <div> 1419 </div> </div> <div> <div> Illegitimate <div> males 48 females 43 </div> </div> <div> 91 </div> </div>	1510
Birth-rate per 1,000		20.06
Total No. of Deaths in the year ...	<div> males 446 females 478 </div>	924
Death-rate per 1,000		12.27
Infantile Mortality (rate per 1,000 Births)		63.57
Number dying under 1 year old ...	<div> males 58 females 38 </div>	96
Death-rate in Legitimate Infants per 1,000		59.9
Death-rate in Illegitimate Infants per 1,000		120.8
England and Wales—		
Birth-rate		19.7
Death-rate		11.6
Infantile Mortality-rate		69

From the above particulars it will be seen that the Birth-rate in the Isle of Ely is again higher than the average for England and Wales, but that the Death-rate is now somewhat higher, and also higher than it was in 1922. When corrected, however, by the

latest available factor for standardisation, bringing the population of this County into line with the rest of the country, *i.e.*, presuming the several ages of its inhabitants corresponded as formerly with those elsewhere, the figure for the Death-rate in the Isle of Ely is reduced to 10·2, a lower figure than the average for the country generally. There is a slight increase in the Infantile Mortality-rate from 60·4 to 63·57 per 1,000 births, three more males and two fewer females dying during the year, whilst the total number of births is 62 less than in 1922.

The Death-rate in legitimate infants is 59·9, compared with 56·95 in 1922, whilst the Death-rate in illegitimate infants has gone down from 130·95 per 1,000 births to 120·8. It will be seen from the following Table that the high Infantile Mortality-rate at Wisbech has gone down from 105·2 last year to the very creditable figure of 44·35 per 1,000 births.

DEATHS FROM TUBERCULOSIS.

There were three more deaths from Tuberculosis than in the previous year. The deaths from Tuberculosis in the past twelve years have been as follows :—

Year	Deaths from Pulmonary Tuberculosis	Deaths from Other Forms of Tuberculosis	Total Deaths from Tuberculosis
1912.. ..	65	18	83
1913.. ..	55	16	71
1914.. ..	44	22	66
1915.. ..	52	12	64
1916.. ..	80	16	96
1917.. ..	73	20	93
1918.. ..	62	16	78
1919.. ..	60	14	74
1920.. ..	53	11	64
1921.. ..	59	19	78
1922.. ..	39	16	55
Average in pre- ceding 11 years	58	16	74
The year 1923	41	17	58

Considering, however, the poor summer, the increase is infinitesimal; we must nevertheless constantly bear in mind the wise aphorism of the late King Edward :—" If preventable, why not prevented ? "

Cancer has taken a heavier toll than in any previous year of which I have a record. The deaths from this disease from the year 1911 onwards, in the Isle of Ely, were :—97, 83, 92, 86, 98, 126, 129, 97, 102, 116, 103, 104, and in **the year 1923, 136.**

Much promising research work is being done with a view to find the actual cause of the disease, and until that has been discovered, we can but advise people to avoid such well-known causes as are apt to give rise to the disease, or are thought to do so, *e.g.*, jagged teeth and irritating clay pipes giving rise to cancer of the tongue, excessive meat eating, &c.

The deaths from the following diseases compare very favourably with those in the whole of the country, except in the case of deaths from Violence and Influenza :—

Disease.	Death-rate per 1000 In England and Wales.			In the Isle of Ely.
Enteric Fever	0·01	...	0·00
Measles	0·14	...	0·05
Scarlet Fever	0·03	..	0·00
Whooping Cough	...	0·10	...	0·09
Diphtheria	0·07	...	0·01
Influenza	0·22	...	0·29
Suicide and Violence	...	0·44	...	0·61
Diarrhœa (under 2 years)		7· 7	...	0·15

Other details as to causes of death are to be found in the Tables on pages 16—19.

	Number of Births.						Infantile Mortality-rate per 1,000 Births							
	Total	Males	Females	Legitimate		Illegitimate		In All Births	In Males	In Females	In Legitimate		In Illegitimate	
				Males	Females	Males	Females				Males	Females		
England and Wales	..	..	..	..	..	..	69	..	..	..	..	..	..	..
Isle of Ely County	1510	780	730	732	687	43	63.57	74.35	52.05	71.03	48.03	125.00	116.27	..
Do. Urban Districts	765	386	379	365	354	21	64.05	82.90	44.85	79.45	33.89	142.85	200.00	..
Do. Rural Districts	745	394	351	367	333	27	63.08	65.98	59.82	62.67	63.06	111.11	..	..
Chatteris	107	47	60	43	51	9	74.76	106.38	50.00	93.02	19.60	250.00	222.22	..
Ely U.	137	63	74	61	69	5	80.29	142.85	27.02	131.14	..	500.00	..	..
March	176	88	88	83	87	5	73.86	113.63	34.09	120.48	34.48	..	..	..
Whittlesey U.	97	50	47	49	45	2	61.85	60.00	63.82	61.22	44.44	..	500.00	..
Wisbech Borough	248	138	110	129	102	9	44.35	36.23	54.54	31.00	39.21	111.11	250.00	..
Ely Rural	260	138	122	128	119	10	73.07	57.97	90.16	54.68	92.43	100.00	..	..
N. Witchford	91	46	45	43	41	3	65.93	65.21	66.66	46.51	73.17	333.33	..	..
Thorney	54	25	29	22	27	3	74.07	40.00	103.44	45.45	111.11	..	..	..
Whittlesey R.	58	34	24	34	22	0	51.72	88.23	..	88.23	..	..	..	..
Wisbech R.	282	151	131	140	124	11	53.19	72.84	30.53	71.42	32.25	90.90	..	..

Causes of Death in Administrative Areas, 1923.

CAUSES OF DEATH	URBAN								RURAL								Total for Urban and Rural Districts.		GRAND TOTAL.																		
	Chatteris.				Ely.				March.				Whittlesey.							Wisbech M.B.				North. Witford.				Thorney.				Whittlesey.				Wisbech.	
	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	39	41	57	58	53	44	30	35	64	73	83	95	27	33	8	13	15	11	70	75	446	478	924													
1. Enteric Fever							
2. Small Pox							
3. Measles	1	3	..	..	..	..	..	..	..	..	..	..	1	3	4	0												
4. Scarlet Fever	1	..	..	..	1	..	..	1	2	1	..	..	..	1	..	..	4	3	7	1	..	..	..	..	..		
5. Whooping Cough	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Diphtheria	2	..	1	3	..	..	..	..	1	..	4	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Influenza	2	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
8. Encephalitis Lethargica							
9. Meningococcal Meningitis	3	3	..	5	2	3	..	3	3	5	4	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Tuberculosis of Resp'y System	1	..	..	..	1	1	..	3	..	1	2	..	..	1	1	1	1	1	1	2	3	14	27	41	..	..	..	..	..		
11. Other Tuberculous Diseases	5	5	10	12	5	6	5	6	6	18	12	12	4	7	2	2	2	..	7	10	58	78	136	..	..	..	..	..	..	
12. Cancer, malignant disease	1	1	1	1	..	..	..	..	..	..	1	2	3	0	..	..	..	..	..		
13. Rheumatic Fever	1	..	..	..	2	2	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14. Diabetes	1	..	..	..	1	..	..	1	2	2	6	11	1	1	..	..	..	..	..	..	4	7	11	..	..	..	..	..	..	
15. Cerebral Hamorrhage, &c.	2	3	2	3	1	2	..	2	6	7	..	..	1	1	..	1	1	..	4	5	23	35	58	..	..	..	..	..	..	
16. Heart Disease	6	4	8	7	4	4	4	3	3	2	8	13	..	1	1	1	2	..	5	12	40	48	88	..	..	..	..	..	..	
17. Arterio-sclerosis	1	..	1	..	1	..	1	1	2	6	..	1	..	..	..	..	..	1	5	5	14	14	28	..	..	..	..	..	..	
18. Bronchitis	3	2	2	4	..	6	1	4	6	5	2	7	1	2	1	1	2	..	4	3	22	34	56	..	..	..	..	..	..	
19. Pneumonia (all forms)	3	5	8	6	1	1	..	..	2	3	4	8	1	2	..	..	..	2	5	3	25	30	55	..	..	..	..	..	..	
20. Other Respiratory Diseases	1	..	1	..	..	..	1	1	2	..	..	1	..	..	..	1	1	..	1	..	6	4	10	..	..	..	..	..	..	

[illegible]

Causes of Death at Different Periods of Life in the Administrative County of Isle of Ely in 1923.

CAUSES OF DEATH.	Sex.	Aggregate of Urban Districts.							Aggregate of Rural Districts.												
		All Ages.							All Ages.												
		0—	1—	2—	5—	15—	25—	45—	65—	75—	0—	1—	2—	5—	15—	25—	45—	65—	75—		
ALL CAUSES ..	M.	243	32	8	3	3	9	19	55	49	65	203	26	4	3	7	4	21	40	38	60
	F.	251	17	5	3	8	9	29	45	44	91	227	21	6	9	5	6	14	35	59	72
1. Enteric Fever	M.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Small Pox	M.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Measles ..	M.	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	3	2	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Scarlet Fever	M.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	2	1	1	..	..	..	..	..	..	..	2	1	..	1	..	..	..	..	..	..
5. Whooping Cough	M.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	..	..	..	..	..	..	..	..	..	..	3	..	1	2	..	..	..	..	..	..
6. Diphtheria..	M.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	1	..	..	1	..	..	1	2	..	2	3	..	..	..	..	1	2	..	..	..
7. Influenza ..	M.	5	..	..	..	..	..	1	2	1	2	10	..	1	..	..	1	1	1	5	1
	F.	4	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	1	..	1	..
8. Encephalitis Lethargica	M.	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..
	F.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9. Meningococcal Meningitis	M.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	F.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Tuberculosis of Resp'y System	M.	8	1	..	1	..	4	..	2	..	..	6	..	..	..	..	1	2	3	..	..
	F.	19	..	..	1	6	9	..	3	..	..	8	..	..	..	..	2	4	2	..	..
11. Other Tuberculous Diseases	M.	2	..	1	..	1	..	1	..	..	..	6	1	..	1	3	1	..	..	..	..
	F.	5	..	..	1	1	1	1	..	..	..	4	..	..	2	1	..	..	1	..	..
12. Cancer, malignant disease	M.	31	..	..	..	..	..	2	8	16	5	27	..	..	..	..	..	2	13	7	5
	F.	47	..	..	..	..	..	5	20	11	11	31	..	..	..	..	..	5	9	13	4

[illegible]

THE CENSUS OF 1921.

Soon after the close of the year, the results of the Census, taken on the night of the 19th—20th June, 1921, were published by H.M. Stationery Office. These final figures differ in several instances from the provisional figures previously issued. It is well, at this stage, to consider them in some detail and reflect how the composition of its population has a bearing on its general vital statistics. These figures for the Districts and Parishes are as follow :—

ISLE OF ELY ADMINISTRATIVE COUNTY.

URBAN DISTRICTS.

District.	Total Population.		Males		Females	
CHATTERIS, U.D.	5,084	...	2498	...	2586	
ages 0—11	1131	...	568	...	563	
age 12 and upwards	3953	...	1930	...	2023	
ELY, CITY OF, U.D.	7,690	...	3802	...	3888	
ages 0—11	1595	...	844	...	751	
age 12 and upwards	6095	...	2958	...	3137	
MARCH, U.D.	8,960	...	4499	...	4461	
ages 0—11	1948	...	1000	...	948	
age 12 and upwards	7012	...	3499	...	3513	
WHITTLESEY, U.D.	4,201	...	2046	...	2155	
ages 0—11	891	...	442	...	449	
age 12 and upwards	3310	...	1604	...	1706	
WISBECH, M.B.	11,321	...	5355	...	5966	
ages 0—11	2216	...	1107	...	1109	
age 12 and upwards	9105	...	4248	...	4857	
Total of Municipal, Borough, and other Urban Districts	37,256	...	18,200	...	19,056	
ages 0—11	7781	...	3961	...	3820	
age 12 and upwards	29,475	...	14,239	...	15,236	

RURAL DISTRICTS.

District.	Total Population.		Males	Females
ELV, R.D.	12,883	...	6412	6471
ages 0—11	2954	...	1481	1473
age 12 and upwards	9929	...	4931	4998
NORTH WITCHFORD, R.D.	5,059	...	2616	2443
ages 0—11	1203	...	624	579
age 12 and upwards	3856	...	1992	1864
THORNEY, R.D.	2,208	...	1180	1028
ages 0—11	589	...	296	293
age 12 and upwards	1619	...	884	735
WHITTLESEY, R.D.	3,422	...	1773	1649
ages 0—11	873	...	443	430
age 12 and upwards	2549	...	1330	1219
WISBECH, R.D.	12,989	...	6297	6692
ages 0—11	3212	...	1619	1593
age 12 and upwards	9777	...	4678	5099
Total of Rural Districts	36,561	...	18,278	18,283
ages 0—11	8831	...	4463	4368
age 12 and upwards	27,730	...	13,815	13,915
<hr/>				
Total of whole Administrative County	73,817	...	36,478	37,339
ages 0—11	16,612	...	8424	8188
age 12 and upwards	57,205	...	28,054	29,151
<hr/>				
Number of Private Families	...	...	17,457	
Do. in Urban Districts	...	...	9182	
Do. in Rural Districts	...	...	8275	
Acres per unit of Population	...	...	3.22	

POPULATION OF PARISHES.

CIVIL PARISH.				Total Population	Males	Females	Private Families	Structurally Separate Dwellings Occupied	Rooms per person
Benwick	..	..	..	808	434	374	201	201	1.21
Chatteris	..	..	..	5084	2498	2586	1261	1246	1.23
Coveney	..	..	..	472	259	213	103	103	1.19
Doddington	..	..	..	1466	755	711	337	330	1.16
Downham	..	..	..	1991	1008	983	467	467	1.30
Elm	..	..	..	2738	1345	1393	585	575	1.18
Ely College	..	..	..	101	41	60	16	16	2.25
Ely St. Mary	..	..	..	2692	1325	1367	689	681	1.43
Ely Trinity	..	..	..	3786	1841	1945	908	902	1.30
Intermixed Lands common to Ely—									
St. Mary & Ely Trinity	..	..	..	1102	591	511	252	249	1.15
Grunty Fen	..	..	..	97	48	49	18	18	1.05
Haddenham	..	..	..	1655	819	836	429	423	1.39
Leverington	..	..	..	2484	1147	1137	403	402	1.27
Littleport	..	..	..	4467	2191	2276	1068	1065	1.24
Manea	..	..	..	1463	739	724	356	349	1.25
March	..	..	..	8960	4499	4461	2208	2162	1.26
Mepal	..	..	..	360	169	191	94	94	1.49
Newton	..	..	..	920	420	500	142	142	1.13
Outwell	..	..	..	483	231	252	118	116	1.32
Parson Drove	..	..	..	959	477	482	216	216	1.09
Redmere	..	..	..	59	33	26	11	11	0.92
Stanground North	..	..	..	43	23	20	9	9	1.30
Stretham	..	..	..	897	436	461	252	248	1.44
Sutton	..	..	..	1476	737	739	388	383	1.41
Thetford	..	..	..	150	83	67	45	45	1.56
Thorney	..	..	..	2165	1157	1008	461	455	1.18
Tydd St. Giles	..	..	..	1213	587	626	210	209	1.11
Upwell	..	..	..	1583	789	794	383	379	1.29
Welches Dam	..	..	..	125	69	56	27	27	1.22
Wentworth	..	..	..	95	49	46	26	26	1.62
Whittlesey Rural	..	..	..	3422	1773	1649	784	775	1.21
Whittlesey Urban	..	..	..	4201	2046	2155	1044	1033	1.26
Wilburton	..	..	..	497	240	257	124	123	1.48
Wimlington	..	..	..	1197	619	578	284	283	1.25
Wisbech S. Mary.	..	..	..	2609	1301	1308	..	..	..
Wisbech S. Peter	Total	..	..	11,321	5355	5966	2801	2748	1.35
North Ward	..	..	..	6022	2835	3187	1475	1450	1.37
South Ward	..	..	..	5299	2520	2779	1326	1298	1.34
Witcham	..	..	..	251	124	127	67	65	1.72
Witcham Gravel	..	..	..	9	4	5	3	..	..
Witchford	..	..	..	416	216	200	99	99	1.19

In Institutions, etc., in the Isle of Ely, were found the following—

	URBAN DISTRICTS										RURAL DISTRICTS										TOTAL										
	Number of Institutions						Fly.				March.		Whittlesey.		Wisbech M.B.		Fly.							North Witchford.		Thorney.		Whittlesey.		Wisbech.	
	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
Workhouses	76	37	119	99	62	43	27	32	284	211	495						
Inmates only	72	28	..	..	..	..	..	112	87	..	..	59	36	..	..	24	23	..	..	267	174	441		
Other Poor Law Institutions ..	1	..	4	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	7	11
Inmates only	4	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	6	10		
Hospitals	4	9	2	1	..	..	..	11	24	..	..	..	..	..	1	1	..	..	..	20	38	58		
Inmates only ..	1	..	3	3	..	..	..	..	..	11	7	..	..	..	..	..	..	..	..	..	15	10	25	
Convalescent Home	13	4	..	..	..	..	..	..	13	4	17								
Inmates only	12	..	..	..	..	..	..	..	12	..	12								
Ships	13	..	..	..	..	..	..	..	..	..	..	13	..	13								
Inland Barges and Boats	6	3	9							
Barns, Sheds, &c. (including vagrants)	1730	
..	7	3	3	..	..	..	..	53	62	..	..	8	5	..	..	9	1	..	..	552	969	1067		

Including * 36 Males, ** 59 Females, + 505 Males, and ++ 957 Females, employed in Fruit Picking.

There were no centenarians in the Isle of Ely.

Foreign-born residents in the County numbered 79; of these 27 were British subjects by birth, 14 by naturalization, in 8 cases the nationality was not stated, and in 30 cases they were of alien nationality; 22 of these last were residents, and 8 were visitors.

In Chatteris the structurally separate dwellings attached to shops amount to four per cent., in Ely City nine, March five, Whittlesey Urban District ten, Wisbech Borough nine, Ely Rural District six, North Witchford four, Thorney two, Whittlesey Rural District three, and in Wisbech Rural District three, the figure for the whole Administrative County being six per cent.

The average age of males in the County was 31·2 years, and of females 31·8 years.

The age distribution of the sexes per thousand of each sex was up to four years of age, 93 in males, 87 in females; from 5—19 years, 295 in males and 282 in females; from 20—39 years of age, 272 in males and 289 in females; and 40 years and upwards, 340 in males and 342 in females.

Per thousand males 548 are single, 411 married, and 41 widowed or divorced, the respective figures for females being 513, 410, and 77. Males to females are as 1,000; 1,024.

Of children up to the age of 14 years, 10,368 in number, both parents were living in 9,197 cases, the father was dead in 643 instances, and the mother in 237. Both parents were dead in 39 cases, whilst in 252 children there was no information given as to their parents.

OCCUPATIONS.

Agricultural workers number 481 per 1,000 males, the highest proportion in England and Wales, although the Holland Division of Lincolnshire with 480 per 1,000 runs this County very closely. If the comparison be restricted to the Rural Districts, the Isle of Ely excess is still more noticeable, its rates of 661 per 1,000 comparing with 640 for the Parts of Holland, and lower proportions in all other Counties.

The numbers of occupied persons per thousand in each of the following age-groups were:—

Last Birthday.	MALES.				FEMALES.			
	Census of 1921.		Previous Census.		Census of 1921.		Previous Census.	
Age 12—13	...	149	...	*	...	43	...	*
14—15	...	791	...	825	...	386	...	397
16—19	...	958	...	956	...	639	...	669
20—44	...	982	...	986	...	276	...	258
45—64	...	963	...	953	...	182	...	173
65—69	...	847	...	*	...	145	...	*
70 & over	...	422	...	*	...	57	...	*

Of married women only, of the age of 44 or under, 90 per thousand were employed persons, and of the age of 45 and upwards 80 per thousand were similarly employed.

	URBAN								RURAL								All Districts	TOTAL										
	Chatteris.				Ely.				March.		Whittlesey.		Wisbech M.B.		Ely.				North Witchford.		Thorney.		Whittlesey.		Wisbech.			
	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.
Farmers ..	191	..	127	12	196	..	76	..	231	..	791	22	330	..	68	..	172	..	891	27	3073	61	3134					
Farmers' Sons, &c.	31	..	51	..	43	..	..	..	..	..	191	16	72	22	15	..	37	..	165	55	905	105	710
Gardeners ..	27	..	84	..	46	..	34	..	128	..	88	..	..	..	..	..	..	..	73	..	480	..	480
Farm Bailiffs ..	34	..	..	..	36	..	..	..	..	..	51	..	35	..	43	..	43	..	95	..	337	..	337
Agricultural Labourers ..	672	112	572	66	635	115	250	108	440	164	1877	114	874	102	153	25	530	61	1536	254	7839	1121	8960					
Slotters, Millers, &c.	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	30
Domestic Servants ..	..	150	..	334	..	221	..	115	..	411	..	320	..	99	..	78	..	..	..	..	..	2045	2045
Makers of Drinks ..	..	..	42	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	42	..	42
Basket Makers ..	..	..	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	..	23
Railway Workers ..	..	..	186	..	781	..	34	..	107	..	..	..	..	..	20	..	28	..	..	..	1156	..	1156
Platelayers ..	..	..	..	..	71	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	71	..	71
Clay, &c., Pit Workers ..	..	..	..	..	..	..	85	..	..	..	..	..	..	..	..	..	28	..	..	..	113	..	113
Makers of Bricks and Pottery ..	..	..	..	..	..	..	247	..	..	..	..	..	..	..	..	..	114	..	..	..	361	..	361
Gardeners' Labourers ..	..	..	..	..	..	..	..	..	170	44	..	..	..	..	..	..	..	..	196	142	366	186	552
Pea and Fruit Pickers ..	..	..	..	..	..	..	..	..	30	62	..	14	..	..	..	..	..	..	221	635	251	711	962
Makers of Foods..	..	..	..	..	..	..	..	..	73	73	..	..	..	..	..	..	..	..	..	..	73	73	146
Printers, Bookbinders, &c.	..	..	..	..	..	..	..	..	81	49	..	..	..	..	..	..	..	..	..	..	81	49	130
Agricultural Machine Drivers ..	..	..	..	..	..	..	..	..	..	..	52	..	23	..	19	..	21	..	..	..	115	..	115

METEOROLOGY.

By the kindness of the Hon. Anna Jane Peckover, I am able to state that the maximum shade temperature for the year was 95° F. on July 12th, and the minimum 17° F. on November 27th, 1923.

The lowest day temperature was 33° F. on November 25th and December 31st, 1923, and the highest night temperature was 65° on July 8th.

The rainfall was as follows :—

			Inches.
January	...	...	1·49
February	...	...	2·93
March	...	...	2·31
April	...	...	1·05
May	...	...	1·21
June	...	...	0·48
July	...	...	4·08
August	...	...	2·34
September	...	...	2·16
October	...	...	2·87
November	...	...	1·44
December	...	...	2·57

Total rainfall during the year 24·93 inches

The heaviest fall was 1·67 inches on July 21st, and there were 172 days on which ·01 (or more) inch of rain fell.

FOOD AND DRUGS ACTS.

The samples of milk taken during the year have proved richer in cream than in the previous year, although the non-fatty solids were less. Still, taken together, there was a gain in the solid constituents of the milk.

Quarter ending	Average Total Solids.	Average Solids— Non-fat.	Average Fat.	Average Specific Gravity.	Total Number of Samples.
March	12·621	8·931	3·600	1031·271	14
June	12·169	8·733	3·430	1031·566	18
September ..	12·255	8·618	3·690	1031·013	15
December	12·507	8·655	3·872	1031·005	20
Averages for the year 1923 ..	12·384	8·725	3·655	1031·422	67
Averages for the preceding year ..	12·329	8·745	3·583	1031·60	60

The following Table, for the details of which I am indebted to Major Hartcup, C.B.E., Chief Constable, shows the respective Districts from which samples were taken.

Samples taken in 1923	Benwick	Chatteris	Doddington	Elm	Ely	Friday Bridge	Guyhirn	Leverington	Littleport	Manca	March	Mepal
Baking Powder	1	..	..	3	..	..	..	2	2	1	
Bread	1	1	..	1	..	1	..	2	1	1	
Butter	1	1	..	..	..	2	..	..	..	1	
Cakeoma	1	1	
Castor Oil	1	..	..	..	..	..	..
Cheese	1	..	..	..	1	..	..
Cocoa	1	..	..	..	2	..	..
Coffee	1	..	..	..	..	..	..
Cream	
Cream (preserved)	2	
Cream of Tartar	1	..	..	..	..	..	..
Custard Powder	
Egg Powder	2	..	..	..	..	..	..
Flour	1	..	..	..	..	1	
Ginger (ground)	1	..	..	..	..	..	..
Groats	
Jam	1	..	..	..	..	..	..	..	..	1	
Lard	1	2	1	..	..	..	..	..	..	..
Margarine	1	1	..	1	1	..	..	..	..	..
Medicine	1	..	..	1	..	..	..	1	..	1	
*Milk	9	1	..	7	..	..	1	3	..	10	2
Milk (condensed)	
Mustard	1	1	
Oatmeal	1	..	..	..	..	..	..
Peaflour	2	..	..
Pepper	1	..	..	..	..	..	..	..	1	..	
Quinine	
Rice (ground)	1	..	..	..	..	1	..	
Sago	1	1	
Salmon Paste	1	
Soda (Bicarbonate of)	
Sugar ..	1	..	..	..	..	..	..	..	..	1	1	
Tapioca	1	..	..	..	..	..	..	..	..	..
Tartaric Acid	1	..	..	..	..	..	..
Tea	
Vinegar	
Totals ..	1	18	6	1	24	2	3	1	13	9	23	2

Continued on following page.

- * Of these samples of milk 35 were taken formally, and 32 informally.
 One sample was found to be 36 per cent. deficient in milk fat, and legal proceedings were taken, a fine of £5 (including costs) being imposed.
 Another sample was found to be 11 per cent. deficient in fatty solids, and another was found to be 23 per cent. short. No proceedings were taken in these cases.

Samples taken in 1923	Stretham	Sutton	Thorney	Upwell	Whittlesey	Wilburton	Wimblington	Wisbech	Wisbech St. Mary	Witcham	Witchford	Total
Baking Powder	2	..	..	..	11
Bread	1	..	..	..	9
Butter	1	2	..	..	..	3	..	..	..	11
Cakeoma	2
Castor Oil	1	..	..	..	2
Cheese	2
Cocoa	1	..	..	..	3
Coffee	1	..	..	..	2
Cream	1	..	..	..	1
Cream (preserved)	1	..	..	..	..	..	..	3
Cream of Tartar	1
Custard Powder	1	..	..	..	..	1
Egg Powder..	2
Flour	1	..	..	..	..	..	..	3
Ginger (ground)	1
Groats	1	..	..	..	..	1
Jam	1	..	..	..	..	..	..	3
Lard	1	..	..	..	..	1	..	..	..	6
Margarine	1	..	..	..	1	..	..	..	..	6
Medicine	1	..	..	1	..	..	..	6
Milk ..	1	2	2	4	8	1	1	9	4	1	1	67
Milk (condensed)	1	..	..	..	1
Mustard	2
Oatmeal	1	..	..	..	..	..	..	2
Peaflour	2
Pepper	2
Quinine	1	..	..	..	1
Rice (ground)	1	..	..	..	..	..	..	3
Sago	1	..	..	2	..	..	..	5
Salmon Paste	1
Soda (Bicarbonate of)	1	..	..	..	1
Sugar	1	..	..	1	..	..	..	5
Tapioca	1	..	..	..	..	2
Tartaric Acid	1
Tea	1	..	..	..	1
Vinegar	1	..	..	..	1
Totals ..	1	2	5	6	16	1	5	28	4	1	1	173

Details of the Notifications received during the year 1923 under the Public Health (Tuberculosis) Regulations, 1912.

Previous years also given for comparison.

	NOTIFICATIONS ON FORM A.											NOTIFICATIONS ON FORM B.		Total Notifications on Form B.	NOTIFICATIONS ON FORM C.		
	Number of Primary Notifications											Number of Primary Notifications	Total Primary Notifications		Poor-Law Institutions	Sanatoria	
	Age Periods																
	Age Periods																
	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 and upwards						
Total Primary Notifications											Total Primary Notifications		Total Notifications on Form A.				
Pulmonary: Males in 1923	..	..	4	1	6	6	12	5	1	1	..	36	37	..	..	9
" " in 1921	..	..	2	4	3	5	9	4	3	..	..	30	30	..	..	1
" " in 1922	..	..	3	2	5	2	7	5	2	2	..	28	28	..	..	1
Females in 1923	..	1	1	1	5	..	10	9	..	..	..	27	28	..	..	4
" " in 1921	..	..	2	5	2	5	6	3	..	3	1	27	28	..	..	2
" " in 1922	..	1	6	1	5	2	10	6	1	1	3	36	36	..	..	2
Non-Pulmonary: Males in 1923	3	2	3	..	..	1	..	1	..	..	..	10	10	1	..	1
" " in 1921	1	2	5	..	..	1	2	3	..	..	..	14	14	..	..	..
" " in 1922	..	2	7	1	2	1	..	1	..	..	..	14	14	..	..	..
Females in 1923	..	..	1	4	..	1	..	..	1	..	..	7	7	..	..	..
" " in 1921	2	3	5	2	1	4	1	..	..	1	..	19	19	..	..	..
" " in 1922	1	..	..	1	..	1	..	1	..	..	..	4	4	..	..	..

TUBERCULOSIS.—CLINICS.

The Clinics at Ely, March, and Wisbech continue to do good work, and to fulfil a long-felt want, there being no general or special hospitals or dispensaries for the treatment of Tuberculosis such as are commonly found in most Administrative Counties, although some cases are treated at the North Cambs. Hospital at Wisbech, and a few in connection with an Ely Dispensary.

At Ely there were 191 patients, the numbers attending in the respective quarters of the year being 107, 100, 90, 68, and the attendances 325, 327, 297, 278 respectively, or 1,227 attendances in all.

At March there were 202 patients, the numbers attending in the respective quarters of the year being 118, 105, 88, 79, and the attendances 330, 385, 254, 218, respectively, or 1,187 attendances in all.

At Wisbech there were 280 patients, the numbers attending in the respective quarters of the year being 147, 125, 103, 104, and the attendances 562, 468, 301, 343, respectively, or 1,674 attendances in all.

At the County Clinics, therefore, 673 patients attended for consultation or treatment, or both, making 4,088 attendances, *an average weekly attendance of 78 patients.*

HOME VISITING.

Patients are visited at their homes by the Tuberculosis Officer, or by the Health Visitors. These latter visited the homes on 1,104 occasions. All the 32 shelters are in use, and prove of great value; in one case has this been especially noteworthy where 8 persons slept in one room, amongst them a boy of twelve years of age with Pulmonary Tuberculosis. As the family were in receipt of Parish Relief, to take the afflicted one from their midst becomes a useful preventive measure.

BEDS AT SANATORIA.

The Council continues to reserve four male beds and one bed for females at Ipswich Sanatorium, and during the year 19 males and 10 females were treated there, totalling 2,605 in-patient days.

It has been considered inadvisable to increase this number of beds, because sometimes it is found advantageous for climatic or other reasons to send Tuberculosis cases elsewhere, or patients have their minds bent on the thought that removal to another, perhaps equally suitable, neighbourhood will prove more advantageous to them, in which event to insist on removal to an unwanted locality may prove of less value than would otherwise be the case.

Again, if the engaged beds are not continuously filled, they must nevertheless be paid for at the full rate; on one occasion, by favour of the Ipswich authorities, the bed for one sex has very kindly been allotted elsewhere, whilst in return we have been permitted to increase the number of the opposite sex in residence there temporarily.

To Wyton, in Huntingdonshire, 3 males and 7 females were sent, totalling 1,217 in-patient days.

To the Children's Sanatorium, Holt, Norfolk, 2 males and 2 females were sent, totalling 486 in-patient days.

To the Royal Sea Bathing Hospital, Margate, 3 males and 1 female were sent, totalling 657 in-patient days.

To Brompton Hospital 1 female was sent, totalling 160 in-patient days.

To the R.N. Sanatorium, Bournemouth, 1 male and 1 female were sent, totalling 70 in-patient days.

At the Chatteris Isolation Hospital a tuberculous ex-soldier was maintained 330 days.

To the R.N. Hospital for Consumption at St. Lawrence, Ventnor, 1 male and 1 female were sent, totalling 269 in-patient days.

To Addenbrooke's Hospital, Cambridge, 11 males and 3 females were sent, totalling 1,011 in-patient days.

To Lord Mayor Treloar's Home at Alton, 1 male was sent, totalling 208 in-patient days.

To the Papworth Colony, Cambridge, 2 males were sent, totalling 390 in-patient days.

To the Kelling Sanatorium at Holt, 2 males were sent, totalling 26 in-patient days.

Thus 72 patients, 46 males and 26 females, were sent to Hospitals or to Sanatoria, totalling 7,429 in-patient days, an average stay of 103 days per patient, compared with 37 males and 23 females in 1922, *with an average stay of 137 days in that year.*

Extra nourishments in the form of milk, butter, or eggs, were provided to Tuberculous persons to the value of £5 7s. 8d.

BACTERIOLOGICAL WORK.

63 specimens of Sputum were examined, 8 being found positive and 55 negative.

MATERNITY AND CHILD WELFARE WORK.

Six Midwives notified their intention to practise in the County during the year 1923.

Nine notices were received under the Regulations of the Central Midwives' Board from midwives, as having sent for medical help.

Under the Notification of Births Acts, 25 cases of stillbirth were notified by doctors and 2 by midwives.

Milk to infants and nursing mothers was provided to the value of £107 18s. 11d.

Health Visitors paid 1,325 first visits, and 4,506 subsequent visits to children at their homes during the year.

The sum of £4 4s. was paid to practitioners summoned to the aid of midwives in necessitous cases, being two amounts, each of £2 2s.

Two patients were treated at Addenbrooke's Hospital for a total period of 32 days at a cost to the County of £11 4s.

Midwives are regularly visited, their books, appliances, and modes of practice being carefully examined.

In addition, there is an Isle of Ely County Nursing Association to which the County Council does not send any official representative; nurses belonging to its Affiliated Nursing Associations receive supervision and visits also from their County Superintending Nurse, whilst Queen's Nurses come under the care also of Inspectors attached to the Queen Victoria's Jubilee Institute for Nurses.

Infant Welfare Centres are held at Ely, Little Downham, Littleport, March, and Wisbech.

VENEREAL DISEASES.

Addenbrooke's Hospital at Cambridge treats any cases coming from the Isle of Ely. In 1923, 29 patients attended there, being 10 affected with Syphilis, 16 with Gonorrhœa, 1 with Soft Chancre, and 2 with conditions that were non-Venereal; these patients made 288 attendances at the out-patient Clinic, and a bed was occupied for 386 days by in-patients.

The number of doses of salvarsan substitutes given to Isle of Ely cases was 168 in the out-patient Clinic, and 21 in the in-patient department.

It is noted that 23 per cent. of the patients ceased to attend the Clinic before the completion of their cure; it is frequently urged that compulsory notification should be adopted where patients cease to attend a Treatment Centre whilst still in an infectious condition. In favour of such a view much can be said. Treatment until quite cured can be had free of cost by all comers, and without letters of recommendation, and rail fares are given to necessitous cases on application by letter to the County Medical Officer of Health at his office in March.

Laboratory facilities, too, are available for all Medical Practitioners free of cost.

It cannot be too often repeated that these diseases are infectious diseases which cause intense misery, suffering, and ill-health, and that they often attack innocent persons, and that the only way to ensure their diminution is by strict continence. Human nature, however, being liable to err, the spread of Venereal Disease may be prevented, when incontinence occurs, by the adoption of immediate self-disinfection with a port-wine coloured solution of permanganate of potash, followed by the application to the parts of a 30 per cent. calomel ointment, assuming the individual is not so much under the influence of drink as to be unable to apply these measures in a reasonably efficient manner.

The number of beds reserved at Cambridge for the treatment of Venereal Disease has now been lessened, whilst at the same time the charge per in-patient day per bed occupied has been slightly raised.

VISITING AND HOME-TEACHING FOR THE BLIND.

From the date of the appointment of the Home Teacher, Mr. J. H. Mackenzie, visits were made and lessons given as follows:—

20th August to 31st December, 1923.

Number of visits	...	...	...	...	...	230
Number of lessons given in Braille	...	...	...	...	...	41
Number of lessons given in Arithmetic	...	...	...	...	...	22

The first few weeks were occupied in verifying the Register. It was found that 11 cases had died, and that 3 cases could not be classified as blind. 5 cases had left the district, leaving a total of 61 on the Register, 28 males and 33 females.

NATIONAL INSURANCE ACTS.

During the year fresh arrangements were made as regards medical fees, a payment of nine shillings per head per annum being fixed upon later, after arbitration. Nearly all the local medical men handed in their resignations to the local Medical Secretary of the British Medical Association for use, if necessary, in case of failure to come to reasonable terms.

Infectious Diseases Notified in the Several Districts for Year ending 1923.

Disease.	URBAN DISTRICTS.						RURAL DISTRICTS.						WISBECH PORT SANITARY DISTRICT.	Combined Total
	Ely	Chatteris	March	Whittlesey	Wisbech	Total Urban Districts	Ely	North Witchford	Thorney	Whittlesey	Wisbech	Total Rural Districts		
Small Pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever ..	3	3	2	4	3	15	..	2	..	3	5	10	..	25
Diphtheria ..	4	..	2	..	3	9	1	..	..	..	4	5	..	14
Enteric Fever ..	..	..	..	..	10	10	1	2	..	..	10	19	..	29
Puerperal Fever ..	..	..	1	1	1	3	..	..	..	..	1	1	..	4
Typhus Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Relapsing Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro Spinal Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Poliomyelitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ..	3	1	1	1	2	8	3	..	..	..	3	6	..	14
Ophthalmia Neonatorum ..	..	1	1	..	..	2	..	..	..	..	1	1	..	3
Tuberculosis (a) Pulmonary ..	6	2	4	2	22	36	11	5	3	..	13	32	..	68
(b) Other ..	5	1	2	4	3	15	5	1	1	3	3	13	..	28
(c) Total ..	11	3	6	6	25	51	16	6	4	3	16	45	..	96
Chicken Pox ..	4	4	..	3	16	27	..	..	..	..	7	7	..	34
Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ..	..	..	..	..	..	..	..	6	..	..	..	6	..	6
Other Diseases (a) Pneumonia ..	7	5	..	..	..	12	1	..	..	1	..	2	..	14
(b) Dysentery ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(c) Malaria ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(d) Encephalitis Lethargica ..	..	..	..	..	..	..	1	..	..	..	1	2	..	2

Isolation Hospitals.—Available Accommodation.

District	Populat'n. 1923.	Small Pox	No. of Beds	Other Infectious Diseases	No. of Beds
		Description		Description	
Chatteris U. ..	5214	Isolation Hospital.	4	Also used for other infections.	
Ely U. ..	7675	None ..	0	Used jointly with R. District.	40
March U. ..	9313	Hospital in Gaul Road.	7	Also used for other infections.	
Whittlesey U. ..	4258	Jointly with Peterboro'.	8	.. ..
Wisbech M.B. ..	11440	Hospital ..	14	Hospital ..	50
Ely R. ..	13120	None ..	0	Used jointly with U. District.	40
N. Witchford R.	5168	None ..	0	.. ..	0
Thorney R. ..	2333	Jointly with Peterboro'.	8	Peterboro' Hospital available. ..	
Whittlesey R. ..	3509	Do. ..	8	.. ..
Wisbech R. ..	13220	Wisbech Urban Hospital available	..	Wisbech Urban Hospital available	50

HOUSING.

	Urban Districts					Rural Districts				
	Chatteris	Ely	March	Whittlesey	Wisbech	Ely	North Wiltford	Thorney	Whittlesey	Wisbech
Number of new houses erected during the year (a) Total	1	14	90	5	38	10	18	.	3	*
(b) With State assistance under the Housing Acts, 1919, or 1923—										
(1) By the Local Authority .. ..	..	..	..	..	..	..	..	..	..	..
(2) By other bodies or person.. ..	..	4	..	..	..	..	18	..	..	..
1. Unfit Dwelling-Houses.										
Inspection—										
(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	54	225	12	9	327	288	261	35	192	*
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910 ..	..	1273	..	..	166	280	9	..	192	..
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ..	..	146	1	..	..	35	..	2	..	..
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	22	..	3	..	162	43	15	..	..	..
2. Remedy of Defects without serving of formal Notices.										
Number of dwelling-Houses rendered fit in consequence of informal action by the Local Authority or their Officers .. ..	..	..	..	..	..	..	..	..	..	*
	45	6	6	9	143	3	25	3	..	..

3. Action under Statutory Powers.

A. Proceedings under Sec. 28 of the Housing, Town-Planning, &c., Act, 1919

- (1) Number of dwelling-houses in respect of which notices were served requiring repairs
- (2) Number of dwelling-houses which were rendered fit—
 (a) by owners
 (b) by Local Authority in default of owners
- (3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close

B. Proceedings under Public Health Acts.

- (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied
- (2) Number of dwelling-houses in which defects were remedied—
 (a) by owners
 (b) by Local Authority in default of owners

C. Proceedings under Sections 17 and 18 of the Housing, Town-Planning, &c., Act, 1909.

- (1) Number of representations made with a view to the making of Closing Orders
- (2) Number of dwelling-houses in respect of which Closing Orders were made
- (3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit
- (4) Number of dwelling-houses in respect of which Demolition Orders were made
- (5) Number of dwelling-houses demolished in pursuance of Demolition Orders

* No numbers mentioned in the Report.

NOTES FROM THE DISTRICT REPORTS.

I.—URBAN.

CHATTERIS URBAN DISTRICT.

Bacteriological investigations are made by St. John's Hospital, at Lewisham.

The sewerage system is "gravitational," and it discharges at two outfalls on the outskirts of the town into the Twenty-Foot River.

Only one house has been erected and occupied in the Urban District during the year. There is a certain amount of overcrowding but not greater than has always existed, even in the days when there were houses standing empty.

54 houses have been inspected of which 22 are not really fit for human habitation. Additional houses are required.

Birth-rate, 20·52. Death-rate, 15·3. Infantile Mortality rate, 74·7 per 1,000 births.

ELY URBAN DISTRICT.

All cases dying of Tuberculosis had been previously notified.

There is no nurse or midwife available for the Prickwillow district of Ely Urban area.

The Infirmary at Tower House, Ely, is not large enough to cope with the needs of the district. The Guardians have provided a Children's Home by altering the Isolation Block there.

By the Clinical Research Association, 51 examinations of specimens were made as follows:—

	Negative		Positive		Total.
For Tuberculosis	24	...	5	...	29
For Diphtheria ...	14	...	5	...	19
For Enteric Fever	3	...	0	...	3

During the year all Cowsheds and Dairies were closely investigated, necessary amendments being made as required. Plans for 4 new Cowsheds were passed and these were erected in accordance with the Regulations. Ten Schools have been inspected, and various necessary repairs effected.

Sewer stoppages have numbered 246. Necessity for an improvement in the Town Sewerage is strongly urged.

During the Winter an outbreak of diphtheria occurred in the Bull Lane area. In some cases there was overcrowding, and drains were found blocked, and W.C.'s, etc., defective.

An additional public convenience is contemplated.

Fourteen new houses were erected during the year.

Birth-rate, 17·8. Death-rate, 14·9. Infantile Mortality rate, 80·2 per 1,000 births.

MARCH URBAN DISTRICT.

Though 90 new dwellings have been erected, there is an urgent need for more. Rents for some of the wooden huts are out of all proportion to the accommodation provided.

Three samples of water showed on analysis such contamination, two being highly polluted with sewage, and one with vegetable matter, that the supplies were sealed down and the pumps removed.

A handsome Nurses' Home, with accommodation for two lying-in cases, is being erected.

The septic tanks are dealing with four times the quantity of sewage for which they were designed, and they must either be extended, or a fresh and larger scheme entered upon. It is suggested that a main sewer be laid under the bed of the River Nene to take the sewage now entering the river, and that it be lifted and conveyed to the East side of the town and treated there before discharge.

A public Slaughter-house, a High-pressure Steam Disinfector, and a Refuse Destructor are also desirable.

Birth-rate, 18·8. Death-rate, 10·4. Infantile Mortality rate, 73·8 per 1,000 births.

WHITTLESEY URBAN DISTRICT.

During the year five new houses have been completed and occupied. Cases of overcrowding occur, but nothing can be done on account of the shortage of houses.

A new overflow in Berrystead Dyke was erected.

A sample of water from the Public Well in Delph Street, and one from that in Station Road on analysis proved unfit for drinking purposes, and notices to that effect have been painted on the pumps.

Arrangements have been made for the admission of Smallpox cases to the Peterborough Smallpox Hospital.

One of the two common Lodging Houses was reported to be over-run by rats, but the landlord remedied that nuisance.

Birth-rate, 22·7. Death-rate, 15·2. Infantile Mortality rate, 61·8 per 1,000 births.

WISBECH MUNICIPAL BOROUGH.

Ten cases of Typhoid Fever occurred, nine of these being dealt with in Hospital; strenuous search for the cause proved unavailing. A very valuable assistance in maintaining the health of the younger children is afforded by the Child Welfare Centre, which is really doing a good work, and becoming more popular yearly. It is suggested that support should be liberally given to this excellent work.

The valuable work of the two District Nurses is greatly appreciated. Ambulance facilities are provided free of cost, also Diphtheria Antitoxin; provision is made also for Pathological and Bacteriological examinations.

The provision of flush tanks is advocated for new houses, most of the W.C.'s in the Borough are without adequate flushing systems.

The lighting of the Borough is adversely criticised.

Thirty-eight new houses were erected during the year.

794 lbs. of fresh meat, 9 lbs. of frozen meat, and 252 lbs. of fruit, were condemned and destroyed, a total of 1,055 lbs. compared with 1,813 lbs. last year.

The occupier of a Milk-shop appeared before the Council to show cause why the Council should not remove his name from the Register, but, on hearing the case, the Council decided to allow the premises to remain on the Register, provided the milk was stored in a sealed container with a tap. Legal proceedings were taken under the Shops Acts (1) for not displaying the required notice stating the Shop Assistants' weekly half-holiday, and (2) for working a young person for a longer period in one week than is allowed by the Act, the first matter being dismissed on a technical point, a fine of £1 and costs being imposed in the other.

None of the three Common Lodging Houses provide accommodation for females.

Sanitary dust-bins of galvanised iron are much needed in all parts of the town.

The filling in of the Canal from Canal Place to Lynn Road, and utilisation of the ground for a road to relieve the acute traffic problem of the town is advocated, not only as a sanitary measure, but as one of considerable public convenience.

Birth-rate, 21.5. Death-rate, 11.9. Infantile Mortality rate, 44.35 per 1,000 births.

II.—RURAL.

ELY RURAL DISTRICT.

The number of cases of infectious disease has shown remarkable diminution, only nine cases being notified.

Three deaths of patients with Tuberculosis had not been notified, and the attention of local Practitioners has been drawn to the importance of early notification of all cases.

There are no beds for the isolation of Smallpox.

Antitoxin is distributed gratis; Bacteriological facilities are also provided free of cost to Practitioners at the Cambridge Medical School.

At an estimated cost of £43,000, a scheme has been sanctioned by the Ministry of Health for the provision of a water supply from a well to be sunk near Beck Row, Mildenhall, in West Suffolk, a Pumping Plant being erected, and the mains going through Littleport to Downham, Coveney, Wardy Hill, Witcham, Sutton, Mepal, Wentworth, and Witchford. Water Towers are to be erected at Littleport and Sutton, and the scheme was expected to be completed about August, 1924.

Ten new houses were erected during the year.

Birth-rate, 19·8. Death-rate, 13·5. Infantile Mortality rate, 73·0 per 1,000 births.

NORTH WITCHFORD RURAL DISTRICT.

The notification of Tuberculosis is properly carried out.

There is no proper Smallpox Hospital in the District.

Practitioners are not supplied by the Council with apparatus for the collection of Bacteriological specimens, nor do they supply Antitoxin or other sera or vaccines.

Eighteen new houses were erected during the year.

Wimblington Village is now well supplied with the Marham Water, but Benwick is still in need of a good water supply.

Birth-rate, 17·4. Death-rate, 11·6. Infantile Mortality rate, 65·9 per 1,000 births.

THORNEY RURAL DISTRICT.

By agreement with Peterborough, infectious cases are admitted into their Isolation Hospital if there is accommodation available. That Corporation now definitely undertakes to find beds for any case of Smallpox, whereas previously such provision was uncertain.

There is no Ambulance belonging to the Council.

Diphtheria Antitoxin is supplied free where requisite, and sera and vaccines also.

No bye-laws have been adopted.

A block of three cottages condemned in 1921 is still occupied. The general standard of housing is maintained, but more houses are required. No new ones were erected in 1923.

The drinking water is unsatisfactory. The village is supplied at present from the River Nene; a canal $3\frac{1}{2}$ miles long, conveys it to the village, where it runs into two filter beds of sand and gravel, whence it passes to a well, from which it is pumped into a high tower. The well, moreover, is insecurely lined. The old-fashioned pump, still used, soon empties the well and sucks water through the filter beds to refill the well. A much slower rate of filtration is necessary, also a larger collecting well. This public supply is available for about one quarter of the population.

A new Burial Ground has been selected a quarter of a mile from the centre of the village, and its preparation is nearly completed.

Birth-rate, 23·1. Death-rate, 9·0. Infantile Mortality rate, 74·0 per 1,000 births.

WHITTLESEY RURAL DISTRICT.

There are no Adoptive Acts in force in the district.

Three new houses were completed during the year.

There are no localities where the water supply is really deficient, but it is generally defective in quality.

There is only a surface drain at Coates. There is no general sewerage system, nor is any scavenging done.

There are no disquieting cases of pollution of streams or river.

Houses that are fit are all occupied; a few more would be an advantage.

Antitoxin is provided by the Council, but not any Bacteriological facilities.

Birth-rate, 16·5. Death-rate, 7·4. Infantile Mortality rate, 51·7 per 1,000 births.

WISBECH RURAL DISTRICT.

There is no system of Sewage disposal, nor any public scavenging.

A large part of the district is supplied by the Wisbech Water Works Company from their springs at Marham. Others depend on rain water.

The fruit pickers are, as a rule, well housed. A systematic inspection is made each year of all the buildings allotted to the pickers, and instruction is given to the owners regarding light, ventilation, water supply, and excrement disposal.

Birth-rate, 21·3. Death-rate, 10·9. Infantile Mortality rate, 53·1 per 1,000 births.

III.—PORT.

WISBECH PORT SANITARY AUTHORITY.

Forty-two sea-going vessels entered the port during the year, 32 being steamers, 8 sailing vessels, and 2 motor boats. One steamer was found to be in a bad sanitary condition, the ship, and especially the sailors' quarters, being found to be in a filthy state, and the forecastle insufficiently ventilated. A notice was served on the Master of the ship, and the ship ultimately left for dry dock at Cardiff. There was no case of rat infection.

The shell-fish beds from which cockles are obtained are in deep water, and unaffected by any chance of infection. Aliens do not land in this Port.

The inspection of ships in the Port is carried out as follows :—
Ships are met in deep water by the pilots who are instructed not to board the ships until the Captain has reported that no cases of sickness are present on board. If sickness is reported, the fact is to be reported to the Port Medical Officer of Health and the ship remains at anchorage in deep water until inspection by him. It would then be inspected before proceeding into the river. Otherwise, the ship is berthed in Sutton Bridge, and the Medical Officer makes his inspection there; if berthed in Wisbech, the inspection is made by the Sanitary Inspector.

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