

[Report 1921] / Medical Officer of Health, Chesterfield R.D.C.

Contributors

Chesterfield (England). Rural District Council.

Publication/Creation

1921

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CHESTERFIELD
RURAL DISTRICT COUNCIL.

ANNUAL
HEALTH REPORT
For the Year 1921.

HERBERT PECK, M.D., C.M., D.P.H.,
Of Lincoln's Inn, Barrister-at-Law,
Medical Officer of Health.

CHESTERFIELD:
BALES & WILDE, GLUMAN GATE

Chesterfield Rural District Council.

1921.

Chairman :

Mr. GRANVILLE CHAMBERS, J.P.

Vice-Chairman :

Mr. H. SYKES.

Ashover	REV. J. B. NODDER, M.A.
Barlow	MR. W. T. PIDCOCK.
Beighton	MR. H. SYKES.
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Brackenfield	MR. W. G. TURBUTT, J.P.
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Dronfield Woodhouse			...	MR. G. L. WAINE.
Eckington, Eckington Ward...				MR. J. W. TURNER, C.C.
Mosbro' Ward	...			MR. J. LEE.
Renishaw Ward...				REV. REES JONES.
Ridgeway Ward				MR. T. BUTLER.
Hasland	MR. J. BENNETT.
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Heath	MR. F. CHAMBERS, J.P.
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Killamarsh	MR. E. CUSWORTH.
Morton	MR. I. BUCKLEY.
North Wingfield	MR. H. HICKEN.
"	MR. H. SEARSTON.
Pilsley	MR. G. CHAMBERS, J.P.
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"	"	MR. J. RANDLE.
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Wessington	MR. W. RILEY.
Wingerworth	MR. W. BYARD.
Woodthorpe	MR. W. WALKER.

To the Chairman and Members of the Chesterfield Rural
District Council.

Penmore House, Hasland,
Chesterfield,

30th March, 1922.

Gentlemen,—

I have pleasure in submitting my Twenty-Fourth Annual Report upon the health of the District. It should have been completed earlier, but the information supplied by the Registrar General through the County Medical Officer of Health reached me on March 27th only.

It appears in a new form. The Minister of Health has directed that Annual Reports shall be divided into Survey Reports issued every five years, which will be full and similar to those of the past, and Ordinary Reports similar to this.

The vital statistics are the best ever laid before you, being Birth Rate 28.4, Death Rate 11.4, Epidemic Diseases Death Rate 0.54 per 1000 living, Infant Mortality Rate 79 per 1000 births.

It should be recorded in addition to what follows that the prolonged drought caused a shortage of water, especially in the Southern part of the District, but a phenomenal rainfall of 2.88 inches on the night of October 11-12 saved the situation for the season. An increase of the supply is being arranged.

I am, Gentlemen,

Your obedient Servant,

HERBERT PECK.

Table I.—Birth-rate, Death-rate and Analysis of Mortality during the year 1921.

	Birth-rate per 1000 Total Population	Death Rate per 1000 Population.										Death per 1000 Births.		Percentage of Total Deaths.			
		All Causes	Enteric Fever	Small Pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis (under 2 years)	Total Deaths under 1 year	Deaths in Public Institutions	Certified Causes of Death	Inquest Case	Uncertified Causes of Death	
England and Wales ...	22.4	12.1	0.02	0.00	0.06	0.03	0.12	0.12	0.23	0.44	15.5	83	25.5	92.5	6.4	1.1	
96 Great Towns, including London (1911 Census Populations exceeding 50,000) ...	23.3	12.3	0.01	0.00	0.08	0.04	0.13	0.15	0.23	0.40	19.3	87	33.2	92.5	6.8	0.7	
148 Smaller Towns (1911 Census Populations 20,000—50,000) ...	22.7	11.3	0.01	0.00	0.05	0.03	0.11	0.11	0.26	0.35	15.6	84	17.7	93.5	5.1	1.4	
London ...	22.3	12.4	0.01	-	0.05	0.06	0.12	0.25	0.23	0.42	21.3	80	49.2	91.6	8.2	0.2	
Chesterfield Rural District ...	28.4	11.4	0.01	0.00	0.00	0.10	0.05	0.05	0.31	0.43	13.2	79	13.0	90.4	4.9	4.7	

ANNUAL REPORT

1921.

1. General Statistics.

Area.—67,969 acres.

Population, 1921.—Registrar General's estimate, 77,000 (provisional figures of Census, 76,153).

Number of inhabited houses.—June 30th, 15,743; December 31st, 15,784.

Number of families or separate occupiers, 1921.—Not known, but in considerable excess of the number of inhabited houses.

Rateable Value (September 21st, 1921), £383,279; Assessable, £357,757.

Sum represented by a penny rate, £1,490.

2. Extracts from Vital Statistics of the Year.

	Total.	Male.	Female.
Births, Legitimate ...	2088	1080	1008
Illegitimate ...	102	54	48
Birth Rate, 28.4.			
Deaths	876	439	437
Death Rate, 11.4.			

Number of women dying in, or in consequence of childbirth:—

From sepsis ...	2
From other causes ...	7

Deaths of Infants under one year of age per 1000 births:—Legitimate, 79; Illegitimate, 88; Total, 79.4.

Deaths for Measles, 0; Whooping Cough, 8; Diarrhoea (under 2 years of age), 29.

Excessive Mortality.—Influenza caused more deaths than usual, viz., 24.

3. Notifiable Diseases during the year.

	Total	Under 1 year.	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 75	65 and over	Admitted to Hospital	Total Deaths
Diphtheria	113	...	1	4	4	10	46	27	10	9	1	1	...	72 (a)	4
Scarlet Fever	112	2	4	2	8	7	55	22	8	4	...	...	...	90	...
Enteric Fever	14	...	...	...	...	...	2	1	3	6	...	2	...	12	1
Puerperal Fever	7	...	...	...	...	...	...	...	...	7	...	...	...	3 (b)	2
Pneumonia	146	29	14	6	5	5	17	6	12	19	9	15	9	...	72
Erysipelas...	20	1	1	...	1	1	...	...	...	3	3	7	3	...	...
Encephalitis lethargica	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Poliomyelitis	2	...	1	1	...	...	...	...	...	...	...	...	...	1	1
Tuberculosis:															
Pulmonary, Male	38	...	1	...	...	...	2	4	4	16	5	4	2	36	14
Pulmonary, Female	35	2	...	...	...	...	1	6	5	14	4	3	...	...	13
Non-Pulmonary, Male	13	1	...	...	2	...	2	2	1	4	1	...	...	...	4
Non-Pulmonary, Female	9	1	...	...	...	...	1	3	1	1	1	1	...	...	4

(a) 3 to Penmore Hospital. (b) To Jessop Hospital, Sheffield.

Note.—Twelve of the deaths from pulmonary tuberculosis were reported by the Registrars only. No action was taken in the matter.

Ophthalmia Neonatorum, 1921	Cases.		Vision Unimpaired	Vision Impaired	Total Blindness	Deaths	
	Noti- fied	Treated					
		At Home					At H'sptl
	17	13	*4	16	1	0	1

* 2 in Chesterfield, 2 in Sheffield.

4. Causes of Sickness.

There was nothing worthy of special note.

5. Summary of Nursing Arrangements, Hospitals and other Institutions available for the District

Professional Nursing in the Home.—(a) General. Nursing is not provided by either the County Council or the Rural District Council, but the Board of Guardians subsidise nursing associations in Ashover, Brimington, Heath, Morton and Stonebroom (in Shirland), North Wingfield, Shirland and Higham and Staveley. There are also associations in Beighton, the Eckington, Mosborough and Renishaw Wards of Eckington, and Sutton-cum-Duckmanton. (b) For Infectious Diseases. Nursing for measles and whooping cough patients was provided by the Rural District Council through the Derbyshire County Nursing Association up to October 7th, when the arrangement lapsed in consequence of the impossibility of satisfactorily working it from Matlock, to which place the headquarters of the Association had been removed from Chesterfield. This work could be undertaken by the Health Visitors of the County Council.

Midwives.—One in Barlow is subsidised by the County Council (£30). The number practising in the District is 40.

Clinics and Treatment Centres.—Maternity and child welfare is provided for by the County Council Infant Centres; children are also treated at the County Council School and Tuberculosis Clinics at Chesterfield. The Venereal Diseases Clinic is at the Chesterfield and North Derbyshire Royal Hospital.

Name of Centre.	Name of Health Visitor.	No of Infants on Register.	No. of times opened	Attendances.				Average attendance of children.
				Mothers	Expectant Mothers	Infants	Other Young Children	
Barrow Hill (Staveley)	Miss Nuttall ..	76	17	67	7	304	104	24
Beighton ..	.. Williams	228	46	2101	31	1187	1361	55
Brimington ..	.. Saul ..	150	50	922	9	647	251	18
Eckington ..	.. Sterling	108	48	670	7	652	235	18
Grassmoor (Hasland)	.. Rose ..	130	48	743	36	505	222	15
Holmewood (Heath)	.. Hallows	118	44	1024	25	897	227	25
Killamarsh ..	.. Williams	121	46	962	7	441	554	22
N. Wingfield ..	.. Hallows	180	46	1496	21	1397	243	36
Shirland ..	.. Ewins ..	66	45	475	38	269	396	15
Staveley Town Stonebroom	.. Howes ..	142	49	1076	0	891	344	25
(Shirland)	.. Ewins ..	122	48	771	49	430	392	17
Unstone ..	.. Jeffreys ..	56	25	264	8	295	200	20

Hospitals provided or subsidised by the Rural District Council or County Council.—(1) Tuberculosis. The Derbyshire Sanatorium at Walton, Chesterfield, and wards at Penmore Hospital, Chesterfield, are maintained by the County Council. (2) Maternity and (3) Children. No provision has been made. A hospital is being erected at Chesterfield to which paying patients may be admitted. The Jessop Hospital for Women and the Children's Hospital, both at Sheffield, are used by patients from the Northern part of the District, and the Derby and Nottingham Hospitals by those in the Southern. (4). Fever. The North Derbyshire Hospital Committee, composed of representatives of the Bolsover, Clay Cross and Dronfield Urban District Councils and the Blackwell, Chesterfield, Clown and Norton Rural District Councils, has provided four hospitals: Dronfield, Langwith, Mastin Moor and Morton, which afford accommodation at the rate of 2,000 cubic feet of air space and 144 square feet of floor space, for 16 diphtheria or enteric fever, and 64 scarlet fever patients, but actually 115 beds occupy the wards intended for 80. The

accommodation is insufficient and should be doubled for, according to the provisional figures of the Census of 1921, the population of the hospital district was 164,780. (5). Smallpox. The hospital has space for about 30 patients but the number of beds is 50. It is administered by a Joint Committee composed of members of the North Derbyshire and Chesterfield Joint Hospital Committees. The County Council contributes to the maintenance of the fever and smallpox hospitals.

Any Institutional provision for Unmarried Mothers, Illegitimate and Homeless Children.—None.

Ambulance Facilities.—(a) Ambulances are maintained in connection with the fever and smallpox hospital; horsing is contracted for. (2) For non-infectious and accident cases. Motor ambulances are maintained by the Hardwick Colliery Co., Heath, Messrs. J. & G. Wells & Co., colliery proprietors, Eckington, the Staveley Co., and horse ambulances by the Grasmoor Colliery Co., Hasland, and the Pilsley Colliery Co. In proximity to the District are the motor ambulances belonging to the Chesterfield Borough Police, the Clay Cross Co., the Sheepbridge Coal & Iron Co., and the North Midland Coal Owners' Rescue Station, Chesterfield.

6. Laboratory Work.

Numbers of specimens sent to the County Council Laboratory, Derby, by private practitioners during 1921:—Enteric fever, 8 positive, 19 negative; diphtheria, 29 positive, 70 negative; pulmonary tuberculosis, 22 positive, 108 negative; miscellaneous, 5 positive, 3 negative; totals, 64 positive, 200 negative.

Fifty-eight vials of concentrated antidiphtheritic serum, each containing 4,000 units, were supplied to medical practitioners.

Adoptive Acts in force in the District.—The Public Health Act Amendment Act, 1890, Part III.; The Infectious Diseases (Prevention) Act, 1890; The Public Health Acts Amendment Act, 1907, so far as permitted. **Bye-laws** have been adopted with respect to:—New Streets and Buildings, 1909; Common Lodging Houses, 1877; Houses Let in Lodgings, 1911; Tents, Vans and Sheds, 1910; Dairies, Cowsheds and Milkshops, 1905; Slaughter-houses, 1913.

7. Sanitary Administration.

Summary of the Work of the Sanitary Department.

	No. 1 or Southern District			No. 2 or Staveley District			No. 3 or Eck'gton District		
	Informal Notices	Legal Notices	Nuisances Abated	Informal Notices	Legal Notices	Nuisances Abated	Informal Notices	Legal Notices	Nuisances Abated
Drainage.									
No disconnection of Waste Pipe ...	...	...	...	2	...	2	...	...	...
Defective waste pipe, traps, inlets, drains ...	63	82	63	13	...	13	40	...	71
Drains obstructed ...	56	...	56	74	...	74	22	...	57
Closets and Ashpits.									
Defective (not for conversion)...	86	82	86	93	...	93	92	...	133
Conversion of privies to W.C.	20	16	20	24	...	24	103	18	103
" " pail-closets ...	...	...	...	6	...	6	...	...	...
" " privies to pail-closets	16	...	16	...	...	...	...	...	...
Defective water-closets ...	4	...	4	19	...	19	...	...	...
Provision of additional W.C. ...	8	8	8	...	...	...	18	...	30
" " portable ashbins ...	26	...	26	26	...	26	48	...	95
Dirty closets ...	4	4	4	7	...	7	...	...	...
Other Defects.									
Paving of Yards, etc. ...	29	77	29	9	...	...	22	...	22
Roofs, eaves, spouts and down-spouts ...	366	82	366	52	...	46	263	...	286
Sinks ...	17	63	17	3	...	3	18	...	18
Insufficient ventilation ...	...	...	...	...	...	...	4	...	4
Windows ...	101	82	101	2	...	2	4	...	6
Dampness ...	37	82	37	27	...	24	44	...	44
Water in cellars ...	5	...	5	9	...	9	...	...	...
Water supply ...	9	4	9	7	...	3	6	...	6
Overcrowding ...	28	...	28	1	...	1	1	...	1
Foul condition of houses ...	3	...	3	3	...	3	1	...	1
Offensive accumulations	254	...	254	451	...	451	321	...	321
Animals improperly kept	...	...	...	...	...	...	...	...	...
Pigstyes ...	...	...	...	3	...	3	...	...	...
Smoke nuisances ...	...	...	...	...	...	...	...	...	...
Urinals ...	2	...	2	1	...	1	5	...	5
Not Specified ...	156	82	156	37	...	37	50	...	53
	1290	664	1290	869	...	847	1062	18	1256
	No. on Register	Inspections Made	Nuisances Abated	No. on Register	Inspections Made	Nuisances Abated	No. on Register	Inspections Made	Nuisances Abated
Dairies, Cowsheds and Milk-shops ...	229	All inspected	27	128	319	4	123	79	22
Bakehouses ...	16	38	5	7	33	...	6	22	2
Slaughterhouses ...	23	498	23	11	71	2	20	540	9
Offensive Trades ...	...	...	...	...	...	...	1	18	...
Common Lodging-house ...	...	...	...	...	...	...	1	14	...
	268	536*	55	146	423	6	151	673	33

Food.—The 217 samples of food and drugs analysed by the County Analyst included 76 of milk, 7 of which were adulterated. Twenty-four samples of water were taken by the Sanitary Inspectors.

Seven couples of unsound rabbits were seized in Holmewood by Mr. Waterfall: the hawker who offered them for sale was fined £10 and costs.

There were surrendered:—Of beef 1,700 lbs., mutton 85 lbs., organs (livers, etc.) 824 lbs., bacon 15 lbs., rabbits 27; also 779 tins of food.

Rooms fumigated with formalin vapour, 204. There is no charge for the disinfection of bedding, etc., at the hospitals except for carriage. Thirty-four persons were treated at the hospitals for scabies.

8. Public Health Staff.

Mr. Frank Waterfall, C.S.I., Cert. Meat Inspector, Sanitary Inspector for Ashover, Brackenfield, Calow, Hasland, Heath, Morton, North Wingfield, Pilsley, Shirland and Higham, Stretton, Sutton-cum-Duckmanton, Temple Normanton, Tupton, Wessington, Wingerworth, Woodthorpe. (Address, North Wingfield).

Mr. James Hutchinson, C.S.I., Sanitary Inspector for Barlow, Brimington, Dronfield Woodhouse, Holmesfield, Staveley, Unstone. (Address, Staveley, near Chesterfield).

Mr. David Northway, C.S.I., Sanitary Inspector for Beighton, Coal Aston, Eckington and Killamarsh. (Address, Halfway, near Sheffield).

Herbert Peck, M.D., C.M., D.P.H., Barrister-at-Law, Medical Officer of Health. (Address, Penmore House, Hasland, Chesterfield; Telephone, Chesterfield 112).

The above officers are those to whose salaries contribution is made by the Minister of Health. The following are paid wholly by the Rural District Council:

Mr. Harold Taylor, M.C., A.M.I.C.E., Resident Engineer and Surveyor. (Address, Union Offices; Telephone, Chesterfield 101).

Mr. John Frith, Consulting Water Engineer. (Address, Baslow).

Mr. Gilbert Frith, Resident Water Engineer.
(Address, Union Offices; Telephone, Chesterfield 101).

9. Housing.

Number of new houses erected during the year:—
(a) Total, 153; (b) As part of a municipal housing scheme (for Heath but built in North Wingfield, 28; in Staveley, 46), 74.

1. Unfit Dwelling-houses.

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts), 522.

(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, 0.

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation, 5.

(4) Number of dwelling-houses (exclusive of those referred to under the previous sub-heading) found not to be in all respects reasonably fit for human habitation, 390.

2. Remedy of Defects without service of formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers, 385.

3. Action under Statutory Powers.

A.—Proceedings under section 28 of the Housing Town Planning, &c., Act, 1919.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs, 0.

(2) Number of dwelling-houses which were rendered fit:—(a) by owners, 0; (b) by Local Authority in default of owners, 0.

(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intentions to close, 0.

B.—Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied, 471.

(2) Number of dwelling-houses in which defects were remedied:—(a) by owners, 389; (b) by Local Authority in default of owners, 3.

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, 6.

(2) Number of dwelling-houses in respect of which Closing Orders were made, 6.

(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit, 2.

(4) Number of dwelling-houses in respect of which Demolition Orders were made, 0.

(5) Number of dwelling-houses demolished in pursuance of Demolition Orders, 0.





