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Contributors

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Urban District Council of Fareham.

Report of the Medical Officer of Health.

For the Year ending December 31st, 1920.

Natural and Social Conditions of the District.

The Population of the District according to the Census of 1911, including the Institutions therein, was 9663. The Institutions (County Asylum and Workhouse) had a population 1519, leaving a nett population of 8144. According to the figures furnished by the Registrar General the population for 1920 is for Birth rate 9694. For Death rate 9236.

Physical Features and General Character of the District.

The District comprises about 6376 acres. It is of a flat nature in the main, but the Northern part is situated on rising ground; the North Eastern part running up to the Western end of the Portsdown Hills. The Southern and Western portions are flat. The soil is composed of gravel and clay, but is chalky on the North Eastern part. The chief occupations of the inhabitants is mainly agricultural, there are no special occupations which have any particular influence on the Public Health. There are no hospitals or gratuitous medical relief, other than the Workhouse and the County Asylum in the District.

Sanitary Circumstances of the District.

Water.—The Water Supply is of very good quality and apparently inexhaustible in quantity. It is somewhat hard, owing to the presence of chalk, but good for drinking purposes. The whole of the Town itself is supplied by the Fareham Water Works, the property of the Council, the supply of which is constant. In a few of the outlying parts of the District, the houses and cottages obtain their supply from wells of a varying depth, mostly of 20 feet or over, the quality of which is very fair. No evidence of any instances of contamination by lead have been observed during the year.

The number of gallons of water pumped for the year was approximately 123,882,875, the daily average consumption for all purposes amounting to 339,405 gallons. The number of houses supplied by the Council's mains was 1886. From the Gosport Water Co.'s mains 11, and from wells including 40 cottages at the Asylum, 135.

Rivers and Streams.—A small river runs through the lower part of the Town, but no necessity for action on account of pollution has arisen during the year.

Drainage and Sewerage.—The Town is drained by means of Sewers, with the exception of the outlying villages of Catisfield and Funtley, where cesspools and earth closets are in use. The Sewers finally empty into settling tanks, the effluent from thence passing into the tide, an arm of Portsmouth Harbour, the sludge being regularly removed and disposed of, the sewers are ventilated and systematically flushed. The cesspools in the outlying Districts are emptied by the Council's apparatus. There are 176 cesspits in the District.

Closet Accommodation.—The number of Fresh Water Closets (excluding Asylum and Cottages and Farms Wallington and Fareham) is 2144. The number of Privies with moveable receptacles including pail and earth closets is 77. Number of hand flushed closets 6. Conversion of privies to pail closets 1. I have recommended that as far as possible old privies of a deep type be entirely done away with, and earth closets substituted, and where one privy exists for two houses an additional closet be provided.

Scavenging and Removal of Refuse.—This work is undertaken by the Council, and collections are regularly made, a hooded vehicle being employed. The number of fixed ashpits is 80. The number of fixed galvanised bins with covers 8. The number of moveable galvanised ashbins with covers 1228. Number of other receptacles, baths, buckets, etc., 119.

Sanitary Inspection of District.—See Table A.

Schools.—The sanitary condition of the Schools is satisfactory. They are all fitted with fresh water closets, with the exception of Funtley where earth closets are provided. The water supply is good and sufficient. When it is necessary to close a school on account of infectious disease, the rooms and offices as well as the apparatus used by the scholars are thoroughly disinfected. The School Medical Officers of the County Council make regular inspections of the scholars.

Food.—Milk Supply.—This is on the whole good. The approximate number of cows kept is 350. The number of cowsheds 45, of dairies 20, and purveyors of milk and milk shops 10. Frequent inspections of the cowsheds are made. They are mostly found to be well kept and in good sanitary condition. They are sprayed and lime-washed twice yearly, or more often when required. The cowkeepers in the District have been supplied with a large printed card with directions as to how the cows should be kept clean, and how the milkers should endeavour to keep their hands clean, and also the cows' udders. I hope this may help to improve the neglected state of the milkers' hands which I am afraid is still too frequently to be seen. 166 inspections were made during the year, 26 defects were found, which were remedied upon informal notices by the Inspector.

Milk.—**Mothers and Children's Order.**—Free milk has been supplied by the Council in all necessitous cases, in accordance with the Order. Up to December 31st, 1920, 60 persons were supplied.

- Meat.**
- (1). The sanitary condition of the premises inspected, for sale of and manufacture of food were good generally, and there were no causes found for serious complaint. Three cases of disease in meat were found during the year.
 - (2). There is no Public Abattoir in this District.
 - (3). No cases of Tuberculosis in meat or carcasses were discovered during the year.

Slaughter Houses in the District—

	1914.	Jan., 1920.	Dec., 1920.
Registered ...	6	6	6
Licensed ...	6	6	6
Total	12	12	12

Bakehouses.—The number of Bakehouses in the District number 7. They have been inspected and found satisfactory. In one case a defect was found, which was remedied upon informal notice by Inspector.

Sale of Food and Drugs Act.—This work is carried out by the County Council Officers.

Prevalence and Control over Infectious Diseases.

During the year 42 cases of infectious disease have been notified, in the year previous it was 25. The totals were as follows :—Diphtheria 6, Scarlet Fever 6, Enteric Fever 4, Puerperal Fever 1, Erysipelas 1, Pulmonary Tuberculosis 9, other Forms of Tuberculosis 4, Pneumonia 4, Malaria 4, Ophthalmia Neonatorum 2. No return cases were notified, and none of Encephalitis Lethargica, Dysentery or Trench Fever.

Diphtheria Antitoxin is supplied free by the Council to all cases that are unable to pay for it. It is stocked by all Chemists in the Town, and is always at once obtainable. Bacteriological aids to diagnosis are available at the County Council Laboratories at Winchester. By arrangement with the Rural District Council, cases of infectious disease are admitted to their Isolation Hospital. During the year 10 patients have been admitted to the Hospital. Disinfection of clothes, bedding, etc., can be undertaken at the Rural Council's Hospital by their disinfecting apparatus.

Tuberculosis.—Nine notifications of Pulmonary Tuberculosis were received during the year as against 4 for the year previous, and 4 of Tuberculosis in other organs. These cases are visited and instructions given as to precautions against infection to others. Pocket flasks and spitting cups are provided by the Council in necessary cases, and if the patient dies or leaves the district, disinfection is thoroughly carried out of the premises and belongings. Many cases avail themselves of the County Council's Dispensary at Gosport, and are treated by the Tuberculosis Officer there. I hope that all practitioners in the District notify all cases to me promptly, otherwise it is difficult to trace any cases that may occur.

Maternity and Child Welfare.—A centre has now been opened in the Town, and lectures are given weekly to all who wish to avail themselves of it, by the Assistant County Medical Officer.

Sanitary Administration.

- Staff.** (1). The Staff engaged in the Sanitary work of the District consists of an Inspector, and one Officer besides myself.
- (2). HOSPITAL ACCOMMODATION.
- Beds for infectious cases are kept at the Rural District Council's Isolation Hospital which has accommodation for 22 cases.
- There is at present no Hospital for Small Pox cases.
- (3). The Adoptive Acts are those of the P.H.A. of 1890 and 1907.
- (4). Examinations for Chemical and Bacteriological Specimens are carried out at the County Council's Laboratories at Winchester.

Housing.—There is of course some shortage of houses in the District, and this is being remedied by building as quickly as circumstances will permit. No important changes in the population has occurred during the year, and none is anticipated in the future.

Overcrowding.—Some overcrowding exists owing to the scarcity of cheaper rented cottages, but in my opinion it is not in any way excessive as compared with the general conditions throughout the country. New cottages are in course of erection, 20 by the Local Authority and 12 by the Asylum Committee, and these will be added to when required. It has been found almost impossible to take action in the overcrowding owing to the lack of accommodation before mentioned.

Fitness of Houses.—The general standard of housing is very fair on the whole. General defects are due in old houses to dampness therein, owing to lack of damp courses.

Improvements and general maintenance cannot at the present time be kept up to the standard I should desire, owing to lack of skilled labour, excessive cost of materials, and the inability of some Owners to carry out, at present, any but the most important structural repairs.

Conditions as far as they affect housing with regard to water supply, closet accommodation, and refuse disposal are satisfactory.

H. M. CASE,
Medical Officer of Health.

April, 1921.

**Summary of Sanitary Work done in the Inspector of Nuisances Department during
the Year 1920.**

			Number of		Abatement Notices		Nuisances abated after Notices by		Nuisances Remaining Unabated
			Inspections and Observations made	Defects found	Informal by Inspector	Formal by Authority	Inspector	Authority	
Dwelling-Houses and Schools	Foul Conditions	...	11	11	12	...	10	...	1
	Structural Defects	...	365	98	117	1	64	1	33
	Overcrowding	...	2	1	1	...	1	...	...
	Unfit for Habitation	...	2	1	...	...	...	...	1
	Lodging-houses	...	60	5	5	...	5	...	...
	Dairies and Milkshops	...	20	...	...	...	...	...	...
	Cowsheds	...	166	26	28	...	25	...	1
	Bakehouses	...	29	1	1	...	1	...	...
	Slaughter-houses	...	103	1	1	...	1	...	...
	Canal Boats	...	...	...	...	...	...	...	...
	Ashpits and Privies	...	271	81	101	...	49	...	32
	Deposit of Refuse & Manure	...	9	3	3	...	3	...	...
House Drainage	Water-closets including inefficient cisterns	...	1265	53	63	...	53	...	...
	Defective Traps	...	21	4	5	...	4	...	...
	No Disconnection	...	...	...	...	...	...	...	...
	Other Faults	...	464	103	111	2	98	2	3
	Water Supply from Wells	...	11	1	1	...	1	...	...
	Pigsties	...	6	...	...	...	...	...	...
	Animals & Poultry improperly kept	...	2	2	2	...	2	...	...
	Offensive Trades	...	...	...	...	...	...	...	...
	Smoke Nuisances	...	...	...	...	...	...	...	...
	Other Nuisances and Defects	...	118	31	34	1	25	1	5
	Market Inspection	...	50	...	...	...	...	...	...
Total			2975	422	485	4	342	4	76

Formal Complaints received	...	13
Seizures of Unwholesome Food	...	3
Special Inspection of Courts	...	45
No. of Water Tests to Drains	...	56
„ Smoke „ „	...	37
„ Connections to Sewers and Inspection of Drainage Works	...	55

Precautions against Infectious Disease.

Rooms Disinfected after Infectious Disease	31
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Factories, Workshops, Workplaces and Homework.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspector or Inspector of Nuisances.

Premises. 1	Number of		
	Inspections 2	Written Notices 3	Prosecutions 4
Factories (including Factory Laundries)	62	5	...
Workshops (including Workshop Laundries)	130	8	...
Workplaces (other than Outworkers' premises included in Part 3 of this Report)	—	—	...
Total	192	13	...

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars 1	Number of Defects			Number of Prosecutions 5
	Found 2	Remedied 3	Referred to H.M. Inspector 4	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	7	7		
Want of ventilation	...	...		
Overcrowding	...	...		
Want of drainage of floors	...	...		
Other nuisances	1	1		
Sanitary accommodation {	insufficient	1	1	
	unsuitable or defective	1	1	
	not separate for sexes	1	1	
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bakehouse (s. 101)	...	...		
Breach of special sanitary requirements for bake-houses (ss. 97 to 100)	1	1		
Other offences (excluding offences relating to out-work which are included in Part 3 of this Report	...	...		
Total	12	12		

* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshops Act, 1901, as remediable under the Public Health Acts.

3.—HOME WORK.

NONE.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at end of the year 1	Number 2
Workshop Bakehouses	6
Miscellaneous Small Workshops (Domestic Workshops not included)	32
Total number of Workshops on Register	38

5.—OTHER MATTERS.

Class 1	Number 2
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshops Act (s. 133, 1901) ...	
Action taken in matters referred by H.M. Inspector as remediable under the Public Heath Acts, but not under the Factory and Workshop Acts (s. 5, 1901))	Reports (of action taken) sent to H.M. Insp. 2
Other)	Notified by H.M. Inspector ... 2
Underground Bakehouses* (s. 101) in use at the end of the year ...	
Total ...	4

Causes of Death (Civilians only) in Fareham Urban District, 1920.

Causes of Death.	Males	Females	Causes of Death.	Males	Females.
ALL CAUSES ...	48	42	Nephritis and Bright's disease		
Enteric Fever ...		1	Puerperal fever ...		
Small-Pox ...			Parturition, apart from puerperal fever ...		2
Measles ...			Congenital debility, &c. ...	2	1
Scarlet Fever ...			Violence, apart from suicide	3	1
Whooping cough ...		1	Suicide ...	3	
Diphtheria and croup ...			Other defined diseases ...	18	17
Influenza ...			Causes ill-defined or unknown		
Erysipelas ...		1	Special causes (included above)		
Pulmonary tuberculosis ...	1		Cerebro-spinal fever ...		
Tuberculosis meningitis ...			Poliomyelitis ...		
Other tuberculous diseases	3	2	Deaths of infants under 1 year of age. Total ...	3	3
Cancer, malignant disease	5	6	Illegitimate ...		
Rheumatic fever ...		1	TOTAL BIRTHS ...	119	124
Meningitis ...			Legitimate ...	113	118
Organic heart disease ...	3	5	Illegitimate ...	6	6
Bronchitis ...	7	3	POPULATION—For Birth rate	9694	
Pneumonia (all forms) ...	3		For Death rate	9236	
Other respiratory diseases ...		1			
Diarrhoea, &c. (under 2 years)					
Appendicitis and typhlitis ...					
Cirrhosis of liver ...					
Alcoholism ...					

APPENDICES.

HOUSING CONDITIONS.

Statistic. Year ended 31st December, 1920.

1.—GENERAL.

(1) Estimated population	...	9400
(2) General death-rate	...	90, equal to a death-rate 9.7 per 1000
(3) Death-rate from tuberculosis	...	6 at all ages, equal to 6 per 1000
(4) Infantile mortality	...	6 deaths under 1 year of age, equals 6 per cent. of population
(5) Number of dwelling-houses of all classes	...	2032
(6) Number of working-class dwelling-houses	...	1076
(7) Number of new working-class houses erected	...	6 erected, 20 in course of erection

2.—UNFIT DWELLING-HOUSES.

I.—Inspection.

(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	1000
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	...	—
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	1
(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	...	400

II.—Remedy of Defects without Service of formal Notice.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	...	224
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III.—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	...	...	...	...	...	...	—
(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 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	...	...	...	...	...	...	6
(2) Number of dwelling-houses in which defects were remedied—							
(a) by owners	...	...	...	...	...	...	6
(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	...	...	...	...	...	...	—

3.—UNHEALTHY AREAS.

Areas represented to the Local Authority with a view to Improvement Schemes under (a), Part I, or (b), Part II, of the Act of 1890:—

(1) Name of area	...	...	...	...	...	...	—
(2) Acreage	...	...	...	...	...	...	—
(3) Number of working-class houses in area	...	...	...	...	...	...	—
(4) Number of working-class persons to be displaced	...	...	...	...	...	...	—

4.—Number of houses not complying with the building byelaws erected with consent of Local Authority under section 25 of the Housing Town Planning, &c., Act, 1919

5.—Staff engaged on housing work, briefly, the duties of each officer

