

[Report 1940] / Medical Officer of Health, Fareham U.D.C.

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FAREHAM URBAN DISTRICT COUNCIL.

REPORT
of the
MEDICAL OFFICER OF
HEALTH.

1940.

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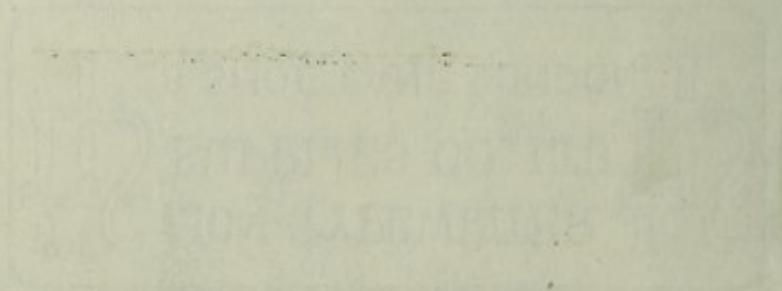
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URBAN DISTRICT COUNCIL OF FAREHAM.

To the Chairman and Members of the

Fareham Urban District Council.

Ladies and Gentlemen,

I have the honour to submit my third Annual Report upon the health of the District, and the work of the Public Health Department for the year 1940.

The Registrar General's estimate of the mid-year population is 34,570, an increase of 1410 persons, which figure is, however, very much on the low side, as it does not make allowance for the influx of evacuees and others.

It is worthy of note that the Birth Rate is 21.2 per 1,000, compared with 20.0 for 1939, and 14.6 for England and Wales. The corrected Death Rate is 12.7 per 1,000, compared with 14.3 for England and Wales.

The Infant Mortality Rate is 42.6 per 1,000 live births, compared with 55.0 for England and Wales.

The general health of the district continues to be satisfactory in spite of war conditions with their attendant strains on the public.

A depletion of staff occurred when the Additional Sanitary Inspector left in April, 1940, for another appointment and it has not been possible to find a successor.

Owing to the loss of staff and the many war duties imposed on myself and the Chief Sanitary Inspector, the routine work of the Public Health Department has suffered to some extent.

In conclusion, I would like to express my thanks to the members of the Council, and especially to the Chairman and Members of the Public Health Committee, for their helpful co-operation.

I also appreciate the efficient way the work was carried out by the staff of the Public Health Department, and especially for the help of Mr. R. J. Baker, the Chief Sanitary Inspector.

I have the honour to be,
Ladies and Gentlemen,
Your obedient Servant,

A.R.GRAHAM.

Medical Officer of Health.

URBAN DISTRICT COUNCIL OF PAKHARA.

To the Chairman and Members of the

Pakhara Urban District Council.

Indian and Co. Ltd.,

I have the honor to refer to the Annual Report upon
the matter of the Pakhara, and the work of the Public Health
Department for the year 1920.

The Public Health Officer's estimate of the
population is 24,274 and increase of 1410 persons, which
is a very good result for the year 1920.

It is a matter of great interest to the Council
that the Public Health Officer has estimated that
the population of the Pakhara is 24,274.

The Public Health Officer has also estimated
that the population of the Pakhara is 24,274.

The Public Health Officer has also estimated
that the population of the Pakhara is 24,274.

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During the year 1920, the Public Health Officer
has estimated that the population of the Pakhara
is 24,274.

In conclusion, I would like to express my thanks
to the members of the Council for their interest
and co-operation.

The Public Health Officer has estimated that
the population of the Pakhara is 24,274.

I have the honor to be,
Sir, your obedient servant,

A. R. BHARMA

Public Health Officer, PAKHARA.

COPY.

Fareham Urban District Council,
Public Health Department,
Westbury Manor,
Fareham, Hants.

20th September, 1941.

Sir,

M.O.H. Annual Report, Fareham,
Hants.

I have to bring to your notice a typing error on page 2 of my Annual Report for 1941.

In the 3rd. line from the top of the page "Population" - 43, 570" should read "Population - 34, 570."

You will note that on page 1 the figure given correctly,

I am, Sir,
Your obedient Servant,

(Sgd.) A.R. Graham.

Medical Officer of Health.

Ministry of Health,
Whitehall,
S.W.1.

1921
1921

1921

Annual Report, 1921

I have to bring to your notice
typing error on page 2 of my Annual
Report for 1921.

In the 3rd line from the top
the page "Population" - 43, 270" is
read "Population - 22, 270."

You will see that on page 1 the
figure given correctly,

I am, Sir,

Your obedient servant,

(Sgd.) A. B. Graham.

Medical Officer of Health.



Ministry of Health,
1921.

SECTION A. - STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres, 18,352.

Population (Registrar General's Estimate mid 1940) 43,570.

Number of inhabited houses (end of 1940) according to Rate Books, Approx. 11,000.

Rateable Value £248,587.

Sum represented by a penny rate, estimated for 1940-41, £900.

Natural and Social Conditions of the Area.

No appreciable change.

Special Items of Note.

The population has been much increased by evacuees and others from neighbouring and far away towns. This has often resulted in temporary overcrowding which was unavoidable.

In spite of the war conditions, overcrowding and use of outdoor Public Shelters, little appreciable effect has been observed on the health of the people, either from general or infectious disease, except for a slight increase in cases of Cerebro Spinal Meningitis.

The death rate has increased slightly as is general all over the Country, but figures for the Farham Urban District show up favourably in comparison.

The work of Diphtheria Immunisation has been considerably increased owing to numerous applications from evacuees and from the increased propaganda, both as regards school children and those under school age.

When a school is invited about 80% to 90% of the children are immunised if not already done.

This number drops in the course of the year owing to non immunised children arriving.

Only one case of Diphtheria occurred in this year.

Owing to increase of population in certain areas an increase of sewerage was required and the work was put in hand and completed.

Vital Statistics.

	M.	F.	Total	
Live Births (Legitimate)	348	359	707.	Birth Rate 21.2 per 1,000
(Illegitimate)	11	15.	26.	
	<u>359</u>	<u>374</u>	<u>733</u>	

Live Birth Rate for England and Wales 14.6 per 1,000.

	M.	F.	Total.	
Still Births (Legitimate)	16	8	24.	Rate per 1,000 total (live and still) Births 34.3.
(Illegitimate)	<u>1</u>	<u>-</u>	<u>1</u>	
	<u>17</u>	<u>8</u>	<u>25</u>	

SECTION A. - STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres, 18,282.
Population (Registrar General's Estimates for 1940) 45,270.
Number of inhabited houses (end of 1940), according to Rate
Books, Approx. 11,000.
Relative Value 1940-41, 2807.
Was represented by a penny rate, estimated for 1940-41, 2800.

Natural and Social Conditions of the Area.

No appreciable change.

Special Items of Note.

The population has been much increased by overuse and
others from neighbouring and far away towns. This has often
resulted in temporary overcrowding which was unavoidable.

In spite of the war conditions, overcrowding and bad
sanitary habits still exist, and this is especially so in the
observed on the health of the people, either from general or
infectious diseases, except for a slight increase in cases
of Gonorrhoea and Syphilis.

The death rate has increased slightly as in general all
over the County, but slightly less in the Urban District
than in the rural districts.

The work of the Health Authorities has been considerably
increased owing to numerous epidemics from overuse and
from the increased population, both in regard to school children
and those under school age.

When a school is visited about 50% of the children
are immunised if not already done.

This number drops in the course of the year owing to
non-immunised children arriving.

Only one case of typhoid occurred in this year.

Owing to increase of population in certain towns an
increase of sewerage was required and the work was put in hand
and completed.

Vital Statistics.

Total Births	Total Deaths	Total Marriages	Total Divorces	Total Stillbirths	Total Infant Deaths	Total Deaths under 5	Total Deaths under 15	Total Deaths under 25	Total Deaths under 65	Total Deaths under 75	Total Deaths under 85	Total Deaths under 95	Total Deaths under 100	Total Deaths under 110	Total Deaths under 120	Total Deaths under 130	Total Deaths under 140	Total Deaths under 150	Total Deaths under 160	Total Deaths under 170	Total Deaths under 180	Total Deaths under 190	Total Deaths under 200	Total Deaths under 210	Total Deaths under 220	Total Deaths under 230	Total Deaths under 240	Total Deaths under 250	Total Deaths under 260	Total Deaths under 270	Total Deaths under 280	Total Deaths under 290	Total Deaths under 300	Total Deaths under 310	Total Deaths under 320	Total Deaths under 330	Total Deaths under 340	Total Deaths under 350	Total Deaths under 360	Total Deaths under 370	Total Deaths under 380	Total Deaths under 390	Total Deaths under 400	Total Deaths under 410	Total Deaths under 420	Total Deaths under 430	Total Deaths under 440	Total Deaths under 450	Total Deaths under 460	Total Deaths under 470	Total Deaths under 480	Total Deaths under 490	Total Deaths under 500	Total Deaths under 510	Total Deaths under 520	Total Deaths under 530	Total Deaths under 540	Total Deaths under 550	Total Deaths under 560	Total Deaths under 570	Total Deaths under 580	Total Deaths under 590	Total Deaths under 600	Total Deaths under 610	Total Deaths under 620	Total Deaths under 630	Total Deaths under 640	Total Deaths under 650	Total Deaths under 660	Total Deaths under 670	Total Deaths under 680	Total Deaths under 690	Total Deaths under 700	Total Deaths under 710	Total Deaths under 720	Total Deaths under 730	Total Deaths under 740	Total Deaths under 750	Total Deaths under 760	Total Deaths under 770	Total Deaths under 780	Total Deaths under 790	Total Deaths under 800	Total Deaths under 810	Total Deaths under 820	Total Deaths under 830	Total Deaths under 840	Total Deaths under 850	Total Deaths under 860	Total Deaths under 870	Total Deaths under 880	Total Deaths under 890	Total Deaths under 900	Total Deaths under 910	Total Deaths under 920	Total Deaths under 930	Total Deaths under 940	Total Deaths under 950	Total Deaths under 960	Total Deaths under 970	Total Deaths under 980	Total Deaths under 990	Total Deaths under 1000

	M.	F.	Total.	
Deaths	215	228	443.	Recorded Death Rate 12.8 per 1,000.
				Corrected Death Rate 12.7 per 1,000.

Death Rate for England and Wales 14.3 per 1,000.

Deaths from (From Sepsis	1.	Rate per 1,000 total births 0.1.
Puerperal (" other causes	-	Rate per 1,000 total births 0.0.
causes (

Death Rate of Infants under one year of age: Total	M.	F.
Legitimate	15	16.
Illegitimate	14	15
	1	1

All Infants per 1,000 live births	42.6.
Legitimate Infants per 1,000 legitimate live births	41.3.
Illegitimate Infants per 1,000 illegitimate live births.	76.9.

Deaths from Cancer (all ages)	56.
" " Measles (all ages)	-
" " Whooping Cough (all ages)	2.
" " Diarrhoea (under two years of age).	1.

CAUSES OF DEATHS IN FAREHAM URBAN DISTRICT 1940.

All Causes: - Males 215: Females 228.

CAUSES OF DEATH:

	M.	F.
1. Typhoid and Paratyphoid Fever	-	-
2. Cerebro-Spinal Fever.	-	-
3. Scarlet Fever.	-	-
4. Whooping Cough.	-	2
5. Diphtheria.	-	-
6. Tuberculosis of respiratory system.	14	11
7. Other forms of tuberculosis.	2	-
8. Syphilitic diseases.	1	1
9. Influenza.	3	4
10. Measles.	-	-
11. Ac:polio-myelitis & polio-encephalitis	-	-
12. Ac:infective encephalitis.	-	-
13. Cancer of b:cav: & oesoph:(m) uterus(F)	4	8
14. Cancer of stomach & duodenum	1	4
15. Cancer of breast.	-	11
16. Cancer of all other sites.	16	12
17. Diabetes.	2	2
18. Intracranial vascular lesions.	17	17
19. Heart disease.	51	52
20. Other diseases circulatory system.	7	9
21. Bronchitis.	14	10
22. Pneumonia.	13	14
23. Other respiratory diseases.	2	2
24. Ulcer of stomach or duodenum.	3	1
25. Diarrhoea under 2 yrs.	1	-
26. Appendicitis.	1	1
27. Other digestive diseases.	7	8
28. Nephritis.	4	3
29. Puerperal & post-abort, sepsis.	-	1
30. Other maternal causes.	-	-
31. Premature birth.	6	3
32. Con. mal. birth injuries infant: dis.	5	8
33. Suicide.	3	6
34. Road traffic accidents.	7	1
35. Other violent causes.	7	8
36. All other causes.	24	25
All causes	215	228

Section B.-General Provisions of Health Services for the Area.

Public Health Officers. - A.R.Graham, M.B., CH.B., D.P.H., Medical Officer of Health, R.J.Baker, M.R. SAN.I., Chief Sanitary Inspector and Meat Inspector, M.T.Parry, A.R.SAN.I., M.I.H., Sanitary Inspector, (Resigned April 1940). L.R.Campbell, and Miss P.V.Chandler, Clerks.

Laboratory Facilities. - The Hampshire County Council provide full facilities for Chemical and Bacteriological examinations.

Ambulance Facilities.- General and Accident Cases. A motor Ambulance is provided by the Order of St.John and the British Red Cross Society. It is maintained by the Council, through the Fire Department, Telephone Fareham 2222.

Infectious Diseases- The Fareham Urban District Council provide an Ambulance for removal of Infectious cases.

Nursing in the Home. Training and providing of District Nurses and Midwives is supervised by the Hampshire County Nursing Association.

81, North Wall, Winchester, Tel. Winchester 1502.

Hospitals.

Infectious Diseases. The Infectious Diseases Hospital is situated in the Fareham West Ward and is the property of the Council. Cases are received from Fareham and part of the Droxford Rural District. As there is limited accommodation arrangements are made as required for treating surgical and other cases at other infectious diseases hospitals.

Tuberculosis.

Sanatorium treatment is provided by the County Council at Chandlers Ford and Bishopstoke.

Small Pox. -Accommodation for these cases is provided by the County Council.

General Hospitals. - There are none within the boundaries of the Urban District. The hospitals at Southampton, Portsmouth, and Winchester are available. Necessitous cases are accommodated through the Fareham Public Assistance Committee.

Maternity.- At present, patients requiring hospital treatment go to St.Mary's Hospital, Portsmouth, or in necessitous cases to the Public Assistance Institution, Gosport.

In view of the increasing population, extra provision may require to be made in the future.

Public Health Officers - General Provisions of Health Services for 1940

Public Health Officers - A.H. Ormerod, M.B., D.S., D.P.H., Medical Officer of Health, E.L. Baker, M.B., B.S., D.S., D.P.H., Chief Sanitary Inspector, M.L. Taylor, Sanitary Inspector, M.L. Taylor, (Resigned April 1940), D.S. Ormerod, and Mrs. P.V. Ormerod, District.

Sanitary Officers - The Hampshire County Council provide full facilities for the sanitary and pathological examinations.

Sanitary Facilities - General and Assistant District Sanitary Officers are provided by the Council at 22, John Street, and the British Red Cross Society. The Council through the Hampshire County Council, provide full facilities for the sanitary and pathological examinations.

Infectious Diseases - The Public Health Officer Council provide an allowance for removal of infectious cases.

Training in the Home - Training and providing of District Sanitary Officers is supervised by the Hampshire County Council. Training Association, 51, North Hill, Winchester, Tel. Winchester 1502.

Sanitation

Infectious Diseases - The Infectious Diseases Hospital is situated in the Western Road and is the property of the Council. Cases are received from the Council and from the Hampshire County Council. The Council provide accommodation for patients and also for the treatment of infectious diseases.

Tuberculosis

Sanitary treatment is provided by the County Council at the Hampshire County Council Sanatorium.

Small Pox - Recommended for those cases is provided by the County Council.

General Sanitation - There are some within the boundaries of the Hampshire County Council.

Sanitation, Hampshire County Council, Hampshire County Council, Hampshire County Council, Hampshire County Council, Hampshire County Council.

Sanitation - At present, patients requiring hospital treatment go to St. Mary's Hospital, Winchester, or to the Hampshire County Council Sanatorium, Winchester.

In view of the increasing population, it is suggested that a new hospital be built in Winchester.

CLINICS AND TREATMENT CENTRES.

Tuberculosis.

Under County Medical Officer, The Castle, Winchester.
(Phone Winchester, 1004.).

T.B. Clinics	Mondays	9-30 - 12 a.m.	4, Clarence Sq. Gosport.
"	"		T.B. Dispensary.
"	Wed.	9-30 - 12 a.m.	Methodist Hall, Fareham.
"	Thurs.	9-30 - 12 a.m.	Park Way, Havant.

Maternity and Child Welfare.

Under County Medical Officer.

M.C.W. Clinics	Fareham.	2.30.p.m.	1st 2nd 3rd 4th Friday, Methodist Church Hall.
"	"	Portchester.	2.30.p.m. Every Wednesday. Cormorant, Castle Street.
"	"	Stubbington.	2.30.p.m. 2nd 4th Thursday. Reading Room.
"	"	Titchfield.	2.30.p.m. 1st 3rd Monday, Sunday School Room, The Square.
"	"	Salisbury.	2.30.p.m. Mondays. British Legion Hall, Park Gate.

Ante Natal Clinics.

Under County Medical Officer.

Fareham	-	2 p.m. 2nd 3rd 4th Mondays. Methodist Church Hall.
Portchester	-	2 p.m. Cormorant 3rd Thursdays.

School Medical Inspection.

Under County Medical Officer.

Dental Clinics	-	Appointment only.
Eye	"	Once a month at Fareham. Appointment only.
Orthopaedic Clinic	-	Appointment only,

Health Visitors.

Under County Medical Officer.

Vaccination. District Medical Officers and Public Vaccinators.

Dr. T. Kirsopp	-	Fareham and Portchester.
Dr. D.A. Windemor	-	Titchfield, Salisbury, Warsash and Crofton.

CLINIC AND TREATMENT SERVICES

Physicians

Under County Medical Officer, The Castle, Newcastle.
(Phone Newcastle, 1004.)

9-30 - 12 p.m.	Monday	9-30 - 12 p.m.	Monday	9-30 - 12 p.m.	Monday
9-30 - 12 p.m.	Tuesday	9-30 - 12 p.m.	Tuesday	9-30 - 12 p.m.	Tuesday
9-30 - 12 p.m.	Wednesday	9-30 - 12 p.m.	Wednesday	9-30 - 12 p.m.	Wednesday
9-30 - 12 p.m.	Thursday	9-30 - 12 p.m.	Thursday	9-30 - 12 p.m.	Thursday
9-30 - 12 p.m.	Friday	9-30 - 12 p.m.	Friday	9-30 - 12 p.m.	Friday

Physician and Child Welfare

Under County Medical Officer

9-30 p.m. to 10 p.m.	Monday	9-30 p.m. to 10 p.m.	Monday	9-30 p.m. to 10 p.m.	Monday
9-30 p.m. to 10 p.m.	Tuesday	9-30 p.m. to 10 p.m.	Tuesday	9-30 p.m. to 10 p.m.	Tuesday
9-30 p.m. to 10 p.m.	Wednesday	9-30 p.m. to 10 p.m.	Wednesday	9-30 p.m. to 10 p.m.	Wednesday
9-30 p.m. to 10 p.m.	Thursday	9-30 p.m. to 10 p.m.	Thursday	9-30 p.m. to 10 p.m.	Thursday
9-30 p.m. to 10 p.m.	Friday	9-30 p.m. to 10 p.m.	Friday	9-30 p.m. to 10 p.m.	Friday

Physician

Under County Medical Officer

9 p.m. to 10 p.m.	Monday	9 p.m. to 10 p.m.	Monday	9 p.m. to 10 p.m.	Monday
9 p.m. to 10 p.m.	Tuesday	9 p.m. to 10 p.m.	Tuesday	9 p.m. to 10 p.m.	Tuesday
9 p.m. to 10 p.m.	Wednesday	9 p.m. to 10 p.m.	Wednesday	9 p.m. to 10 p.m.	Wednesday
9 p.m. to 10 p.m.	Thursday	9 p.m. to 10 p.m.	Thursday	9 p.m. to 10 p.m.	Thursday
9 p.m. to 10 p.m.	Friday	9 p.m. to 10 p.m.	Friday	9 p.m. to 10 p.m.	Friday

Physician (Specialist)

Under County Medical Officer

9-30 p.m. to 10 p.m.	Monday	9-30 p.m. to 10 p.m.	Monday	9-30 p.m. to 10 p.m.	Monday
9-30 p.m. to 10 p.m.	Tuesday	9-30 p.m. to 10 p.m.	Tuesday	9-30 p.m. to 10 p.m.	Tuesday
9-30 p.m. to 10 p.m.	Wednesday	9-30 p.m. to 10 p.m.	Wednesday	9-30 p.m. to 10 p.m.	Wednesday
9-30 p.m. to 10 p.m.	Thursday	9-30 p.m. to 10 p.m.	Thursday	9-30 p.m. to 10 p.m.	Thursday
9-30 p.m. to 10 p.m.	Friday	9-30 p.m. to 10 p.m.	Friday	9-30 p.m. to 10 p.m.	Friday

Physician

Under County Medical Officer

9-30 p.m. to 10 p.m.	Monday	9-30 p.m. to 10 p.m.	Monday	9-30 p.m. to 10 p.m.	Monday
9-30 p.m. to 10 p.m.	Tuesday	9-30 p.m. to 10 p.m.	Tuesday	9-30 p.m. to 10 p.m.	Tuesday
9-30 p.m. to 10 p.m.	Wednesday	9-30 p.m. to 10 p.m.	Wednesday	9-30 p.m. to 10 p.m.	Wednesday
9-30 p.m. to 10 p.m.	Thursday	9-30 p.m. to 10 p.m.	Thursday	9-30 p.m. to 10 p.m.	Thursday
9-30 p.m. to 10 p.m.	Friday	9-30 p.m. to 10 p.m.	Friday	9-30 p.m. to 10 p.m.	Friday

SECTION C.- SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply.- The District is supplied with water from various sources, namely:-

1. FAREHAM. - Fareham Waterworks.
2. PORTCHESTER. - The Portsmouth Waterworks Company.
3. CROFTON. - The Gosport Waterworks Company.
4. SARISBURY, TITCHFIELD and WARSASH. - The Southampton Waterworks Company.

Fareham. - The Fareham Waterworks are the property of the Fareham Urban District Council and supply all the Fareham East and West Wards except for a few houses, which for convenience are supplied by the Gosport water mains.

The consumption of water from the Fareham Waterworks for the year was 245,247,000 gallons, an increase above the preceding year of 49,924,000 gallons.

The number of houses supplied from the Council's mains is 4716, an increase of 233 houses above the preceding year.

The work of re-organising the Pumping Station was completed. Three new pumps have been installed, which are driven by electricity off the grid system. An oil engine to generate electricity has been installed as a stand-by. The chlorination plant that was installed has been working efficiently.

Samples of water were taken for analysis at least once a month, the results being consistently satisfactory.

CROFTON, PORTCHESTER, SARISBURY, TITCHFIELD and WARSASH.

Reports on samples are periodically received and have been consistently satisfactory.

Other Supplies. There are still a number of shallow wells existing in the District, and whenever practicable, the Council contribute towards the cost of extending the mains as occasion arises.

Drainage and Sewerage.

FAREHAM.- The Sewage Disposal Works are still in the process of being enlarged - the works have been delayed owing to the war.

CROFTON and PORTCHESTER. - Extensions of the sewers in these two wards have been carried out during the year.

SARISBURY. - A Sewerage System constructed to receive drainage from the Housing Site at Addison Road is working satisfactorily.

TITCHFIELD. - The works are insufficient to deal with the amount of sewage now discharging. A scheme is being prepared to deal with this.

RIVERS AND STREAMS.

The effluent from the Disposal Works at Titchfield discharges into the River Moon, without giving rise to any complaints.

CLOSET ACCOMMODATION.

Conversions:- No. of Privy Closets to W.C.'s	3.
No. of Pail Closets to W.C.'s	18.

SECTION 3 - ANALYTICAL INVESTIGATION OF THE CASE

The first sample of water taken from the tap in the kitchen of the house at 1015 West 10th Street, Minneapolis, Minnesota, on August 1, 1918, was found to contain a high percentage of bacteria.

- 1. BACTERIA - 7 million per gallon.
- 2. COLIFORMS - The majority of the coliforms were of the type which are normally found in the soil and water.
- 3. STREPTOCOCCI - The majority of the streptococci were of the type which are normally found in the soil and water.
- 4. STREPTOCOCCI, TYPHOSUS AND DYSENTERY - The majority of the streptococci were of the type which are normally found in the soil and water.

The water in the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria. The water in the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria.

The consumption of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to be 250 gallons per day. The consumption of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to be 250 gallons per day.

The number of houses supplied from the City of Minneapolis water system is 250. The number of houses supplied from the City of Minneapolis water system is 250.

The work of re-organizing the water system was completed. The work of re-organizing the water system was completed. The work of re-organizing the water system was completed.

Analysis of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria. Analysis of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria.

SECTION 4 - ANALYTICAL INVESTIGATION OF THE CASE

Analysis of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria. Analysis of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria.

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SECTION 5 - ANALYTICAL INVESTIGATION OF THE CASE

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SECTION 6 - ANALYTICAL INVESTIGATION OF THE CASE

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SECTION 7 - ANALYTICAL INVESTIGATION OF THE CASE

Analysis of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria. Analysis of water from the kitchen tap of the house at 1015 West 10th Street, Minneapolis, Minnesota, was found to contain a high percentage of bacteria.

Public Cleansing - House refuse is collected once weekly in the whole of the District, with the exception of outlying areas.

The work in the Farcham wards is done by direct labour. A 10 cubic yard freighter is used for this purpose and is proving satisfactory.

In other wards the work is done by contract, horses and lorries being employed.

The Council has now six mechanical vehicles for emptying cesspools, and this number is insufficient to deal with the cesspools, additional vehicles having to be hired as necessary.

SANITARY INSPECTION OF THE AREA.

Summary of Inspections and Work Done.

	Number of		Notices		Nuisances abated or Defects remedied after action.	
	Inspection and Re- Inspection	Defects	Informal	Statutory	Inspector	Authority
(Housing Acts Structural (Public Health Defects. (Acts.	19	-	-	-	9	1
Overcrowding	105	34	30	-	41	-
Drains and Cesspools	133	-	-	-	-	-
Water and Pail Closets	298	83	53	-	48	-
Keeping of Animals	40	19	10	-	13	-
Water Supply	19	2	2	-	2	-
Refuse and Manure	47	18	18	-	20	4
Pools and Ditches	15	5	3	-	5	-
Tents, Vans and Sheds	19	3	1	-	3	-
Dairy Farms	30	2	1	1	1	1
Milkshops and Stores	106	6	6	-	3	-
Bakchouses	36	2	2	-	2	-
Factories and Workshops (excluding Bakchouses)	27	-	-	-	-	-
Slaughterhouses	89	5	5	-	4	-
Butchers Shops	27	1	1	-	1	-
Shops(excluding Butchers Shops)	132	-	-	-	-	-
Lodging Houses	21	-	-	-	-	-
Offensive Trades	15	-	-	-	-	1
Markets	12	1	-	-	-	-
Holiday Camps	24	-	-	-	-	-
Vermineous Premises	3	1	1	-	-	-
Infectious Diseases	25	20	-	-	20	-
Miscellaneous	104	-	-	-	-	-
	32	-	-	-	-	-

Inspection of Food.

Carcasses inspected, Pigs 70, Bovines 7. Sheep 10.

Condemnations. 1 pigs head and Pluck, 1 pigs head, 22lbs. beef, 21 lbs. bacon, 4 cwt.Savoloys, 28lbs. sausages, 2 cwt. Cod fillets, 4 lbs. Brisket of Beef, 6 lbs. tin veal.

Report re Factories and Workshops.

1.- Inspections for purposes of provisions as to health including inspections made by Sanitary Inspector.

Premises (1)	Inspections (2)	Written Notices (3)
Factories with mechanical power	89	5
Factories without mechanical power	27	-
Total	116	5

2. Defects found.

Particulars (1)	Number of Defects.	
	Found (2)	Remedied (3)
Want of Cleanliness (S.1).	-	-
Overcrowding (S.2)	-	-
Unreasonable temperature (S.3)	-	-
Inadequate ventilation (S.4)	-	-
Ineffective Drainage of floors(S.6)	-	-
Insufficient Sanitary Conveniences (S.7)	1	1
Unsuitable or defective	4	3
Not separate for sexes	-	-
Other offences	-	-
Total	5	4

Shops Act, 1934.

21 Shops were inspected under this Act during the year. It was not found necessary to take any action.

Smoke Abatement.

No cases have arisen requiring the Council's attention.

Swimming Baths and Pools.

There are no such Baths open to the public within the area.

Eradication of Bed Bugs.

	Infested.	Disinfested.
1. Council Houses	-	-
Other Houses	20	20
2. Methods employed for freeing infested houses from bed bugs - Zaldecide Spray.		

3. An inspection of prospective tenants' houses is carried out before the removal to Council houses.

No action was found necessary to deal with verminous belongings.

4. Works of disinfection are carried out by the Local Authority-

5. In order to prevent infestation or re-infestation after cleansing, tenants are instructed as to cleanliness and after, check visits are made.

1. - Inspections for purposes of provisions of the Health Act, including inspections made by Sanitary Inspectors.

Inspections (1)	Inspections (2)	Inspections (3)
Inspections with mechanical power	88	8
Inspections without mechanical power	27	-
Total	115	8

Districts found.

Inspections (1)	Inspections (2)	Inspections (3)
Inspection of ... (B.1)	-	-
Inspection of ... (B.2)	-	-
Inspection of ... (B.3)	-	-
Inspection of ... (B.4)	-	-
Inspection of ... (B.5)	-	-
Inspection of ... (B.6)	1	1
Inspection of ... (B.7)	3	3
Inspection of ... (B.8)	-	-
Inspection of ... (B.9)	-	-
Total	4	4

Group No. 1, 1934.

Group No. 1 was inspected under this Act during the year 1934. It was found necessary to take any action.

Group No. 2, 1934.

Group No. 2 was inspected under this Act during the year 1934. It was found necessary to take any action.

Group No. 3, 1934.

Group No. 3 was inspected under this Act during the year 1934. It was found necessary to take any action.

Group No. 4, 1934.

Group No. 4 was inspected under this Act during the year 1934. It was found necessary to take any action.

Group No. 5 was inspected under this Act during the year 1934. It was found necessary to take any action.

Group No. 6 was inspected under this Act during the year 1934. It was found necessary to take any action.

Group No. 7 was inspected under this Act during the year 1934. It was found necessary to take any action.

Group No. 8 was inspected under this Act during the year 1934. It was found necessary to take any action.

Schools.

There are 16 Schools in the District. With one exception the Schools are supplied with water from the water mains. The quality of well water at Hook Schools is not satisfactory, and as a temporary measure drinking water is conveyed to the School in a 20-gallon covered container.

With regard to the prevention of the spread of infectious disease, the practice is to isolate all contacts, spray patient's desk, etc., after every case, and when necessary, to disinfect the Schoolroom or School. In the case of Diphtheria all contacts have their noses and throats swabbed for the casual organism.

Section D.-Housing.

Housing Statistics (Public Health).

1. Inspection of Dwelling-houses during the Year.	
(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts).	343
(b) Number of inspections made for the purpose	613
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	0
(b) Number of inspections made for the purpose	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.	0
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.	0
2. Remedy of Defects during the Year without Service of formal notices.	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers.	132
3. Action under Statutory Powers during the Year.	
A.-Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	0
(2) Number of dwelling-houses which were rendered fit after service of formal notices:	
(a) By owners	1
(b) By local authority in default of owners	0
B.- Proceedings under Public Health Acts:	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.	0
(2) Number of dwelling-houses in which defects were remedied after service of formal notices.	
(a) By owners	0
(b) By local authority in default of owners	0

C.- Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which Demolition Orders were made.	0
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders.	0
(3) Number of dwelling-houses demolished after informal action.	0
(4) Number of dwelling-houses demolished (Clearance Areas)	0

D.- Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made.	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit.	0

Housing Act, 1936 - Part IV - Overcrowding.

Owing to the increase of homeless people, evacuees, and others, overcrowding unavoidably existed.

As conditions varied considerably from week to week it was not possible to keep records of this overcrowding.

It was alleviated as soon as other accommodation was available, and drastic action was not taken under the circumstances.

General Remarks.

No houses were erected during the year.

The total number of houses that have been erected by the Council under the Housing Acts 1919-35 are:-

Gepton 46; Farcham East 46; Farcham West 12; Portchester 80; Mariabury 70; Titchfield 94; Warsash 54. Total 402.

Section E. - Inspection and Supervision of Food.

Milk Supply. There are 46 dairy farms, 6 milk shops and 12 milk stores in the District, also 63 retail purveyors of milk, 18 of whom supply milk from premises outside the District. The majority of the cowsheds are satisfactory, and the remainder are gradually being brought up to the required standard.

Tuberculous Milk.- Examination of specimens for Tuberculous Milk is now carried out by the County Council.

Supplementary Licences-Tuberculin Tested	6.
Pasteurized	2.

Meat and other Foods. Shops were regularly visited. As the slaughtering of animals is now carried out centrally the local slaughter houses were no longer in use. Where occasional slaughter under licence occurred the animals were inspected.

The inspection of sound and unsound carcasses was thus a matter for the central slaughter house, which is outside the district.

Bakehouses. Bakehouses continue to be kept in a clean and satisfactory condition.

1. Proceedings under Section 11 and 12 of the Housing Act, 1936.

- (1) Number of dwelling-houses in respect of which Demolition Orders were made.
- (2) Number of dwelling-houses demolished by agreement of Demolition Orders.
- (3) Number of dwelling-houses demolished after informal action.
- (4) Number of dwelling-houses demolished (a) by order (b) by agreement.

2. Proceedings under Section 13 of the Housing Act, 1936.

- (1) Number of orders for demolition or other works in respect of which Closing Orders were made.
- (2) Number of orders for demolition or other works in respect of which Closing Orders were obtained, but which have not yet been made.

Housing Act, 1936 - Part IV - Overcrowding.

Being to the number of homeless people, persons, and others, overcrowding was found to exist.

An estimate was made of the number of persons who were likely to be kept in overcrowded houses.

It was estimated that the number of persons who were likely to be kept in overcrowded houses was 1,000.

Summary of Results.

Demolition orders were made during the year.

The total number of houses that have been demolished was 1,000.

Orders for demolition or other works were made in respect of 1,000 houses.

Orders for closing were made in respect of 1,000 houses.

It was estimated that the number of persons who were likely to be kept in overcrowded houses was 1,000.

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Section F.-Prevalence of and Control over
Infectious and other Diseases.

Diphtheria. It is outstanding that only one case of Diphtheria occurred during the year which was a mild case in an adult.

Free supply of Diphtheria Antitoxin is available to general practitioners for early treatment of cases.

Scarlet Fever. 70 cases of Scarlet Fever occurred of which 61 went to hospital.

A few of the cases were combined with other infectious diseases such as Whooping Cough but very few complications arose.

Cerebro Spinal Meningitis. Nine cases occurred during the year when the disease was to some extent epidemic throughout the Country.

Immunisation against Diphtheria. The scheme has been extended to include school children under 14 years of age.

The following is a summary of treatments carried out:-

1st. Dose.

Age in years	1		2 - 4		5 - 14		Total	
	M	F	M	F	M	F	M	F
Pre-school age	22	33	51	49	-	-	73	82
School Children	-	-	-	-	189	178	189	178
	22	33	51	49	189	178	262	260

2nd. Dose.

Age in years	1		2 - 4		5 - 14		Total	
	M	F	M	F	M	F	M	F
Pre-school age	21	23	33	41	-	-	54	64
School Children	-	-	-	-	147	139	147	139
	21	23	33	41	147	139	201	203

Three third doses were given.

<u>GRAND TOTALS.</u>	<u>1st Dose.</u>		<u>2nd Dose.</u>	
Boys	262	Boys	201	
Girls	260	Girls	203	
	<u>522</u>		<u>404</u>	

Vermineous Persons. There are no facilities for the placing of vermineous persons, but vermineous premises are fumigated when required.

Mosquitoes. Systematic spraying is carried out of all pools, ditches and ponds found to be breeding grounds for mosquitoes.

Rodents. The duties under the Rats and Mice (Destruction) Act now devolve on the Local Authority and are supervised by the Chief Sanitary Inspector, who has been appointed the authorised officer.

The first part of the report is devoted to a general survey of the situation in the country. It is followed by a detailed account of the work done during the year. The report concludes with a summary of the results and a list of recommendations.

The following table shows the results of the work done during the year. The figures are given in thousands of dollars.

Year	1950	1951	1952	1953	1954	1955
Total	100	120	150	180	200	220
...
...
...
...

Year	1950	1951	1952	1953	1954	1955
Total	100	120	150	180	200	220
...
...
...
...

The following table shows the results of the work done during the year. The figures are given in thousands of dollars.

The following table shows the results of the work done during the year. The figures are given in thousands of dollars.

Notifiable Infectious Diseases (other than Tuberculosis)
during the year 1940.

Disease	Total Cases Notified	Cases admitted to Hospital	Total Deaths
Small Pox	-	-	-
Scarlet Fever	70	61	-
Diphtheria	1	1	-
Puerperal Pyrexia	2	-	1
Pneumonia	68	?	27
Erysipelas	18	3	-
Ophthalmia Neonatorum	1	-	-
(Cerebro Spinal)	9	9	-
Meningitis)			
Acute Poliomyelitis	1	1	-
Acute Polio-Encephalitis	1	1	-
Whooping Cough	198	4	2
Measles	113	1	-
	482	81	30

Notifiable Infectious Diseases set out in Age Groups.

Disease	Age Groups											Total	
	Under one year	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20 - 35	35 - 45	45 - 65		Over 65
Small Pox	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	1	4	9	7	27	5	4	11	2	-	-	70
Diphtheria	-	-	-	-	-	-	-	-	1	1	-	-	1
Puerperal Pyrexia	-	-	-	-	-	-	-	-	1	1	-	-	2
Pneumonia	5	2	5	1	1	5	2	4	7	13	15	8	68
Erysipelas	-	-	-	-	-	-	-	-	5	3	9	1	18
Ophthalmia) Neonatorum)	1	-	-	-	-	-	-	-	-	-	-	-	1
(Cerebro Spinal)	1	-	1	-	2	-	2	1	2	-	-	-	9
Meningitis)													
Acute)													
Poliomyelitis)	-	-	-	-	-	-	1	-	-	-	-	-	1
Acute Polio-) Encephalitis)	-	-	-	-	-	-	-	-	1	-	-	-	1
Whooping Cough	9	12	17	25	15	107	11	-	-	1	1	-	198
Measles	7	3	2	3	3	79	8	4	3	-	1	-	113
	23	18	29	33	28	218	29	13	31	20	26	9	482

Disease	Crofton	Fareham East	Fareham West	Portchester	Salisbury	Titchfield	Worsesh	Total.
Small Pox	-	-	-	-	-	-	-	-
Scarlet Fever	1	1	9	14	10	32	3	70
Diphtheria	-	-	1	-	-	-	-	1
Furunculosis	-	-	-	-	-	-	-	-
Syphilis	1	-	-	1	-	-	-	2
Pneumonia	8	4	16	26	10	3	1	68
Erysipelas	3	4	5	3	2	1	-	18
Ophthalmia	-	-	-	-	-	-	-	-
Neonatorum	-	-	-	-	1	-	-	1
Cerebro Spinal	-	-	-	-	-	-	-	-
Meningitis	-	2	4	2	-	-	1	9
Acute	-	-	-	-	-	-	-	-
Poliomyelitis	-	-	-	-	1	-	-	1
Acute Polio-	-	-	-	-	-	-	-	-
Encephalitis	-	-	-	1	-	-	-	1
Whooping Cough	4	27	87	29	15	22	14	198
Measles	41	2	15	20	8	9	18	113
	58	40	137	96	47	67	37	482

Prevention of Blindness. No action was taken by the Local Authority under Section 66 of the Public Health Act, 1925.

Tuberculosis.

New Cases and Mortality, 1940.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0.	-	-	-	-	-	-	-	-
1.	-	-	1	-	-	-	-	-
3.	-	-	3	-	-	-	-	-
5.	6	7	1	1	-	2	-	-
15.	7	3	-	1	2	1	-	-
25.	3	4	-	1	3	3	1	-
35.	3	1	-	-	-	-	-	-
45.	4	-	-	-	4	-	-	-
55.	2	1	-	-	1	1	-	-
65 and upwards.								
	25	16	5	3	10	7	1	-

I have the honour to be, Ladies and Gentlemen,

Your obedient servant,

A.R.GRAHAM,

FAREHAM.
August, 1940.

M.B., CH.B., D.P.H.,
Medical Officer of Health.

Stress	Strain	Modulus	Poisson's Ratio	Volume Change	Temperature	Time
10	0.001	10000	0.3	0.001	20	1
20	0.002	10000	0.3	0.002	20	1
30	0.003	10000	0.3	0.003	20	1
40	0.004	10000	0.3	0.004	20	1
50	0.005	10000	0.3	0.005	20	1
60	0.006	10000	0.3	0.006	20	1
70	0.007	10000	0.3	0.007	20	1
80	0.008	10000	0.3	0.008	20	1
90	0.009	10000	0.3	0.009	20	1
100	0.010	10000	0.3	0.010	20	1

The following table shows the results of the measurements of stress and strain on a specimen of steel under various conditions of temperature and time.

RESULTS

The following table shows the results of the measurements of stress and strain on a specimen of steel under various conditions of temperature and time.

Stress	Strain	Modulus	Poisson's Ratio	Volume Change	Temperature	Time
10	0.001	10000	0.3	0.001	20	1
20	0.002	10000	0.3	0.002	20	1
30	0.003	10000	0.3	0.003	20	1
40	0.004	10000	0.3	0.004	20	1
50	0.005	10000	0.3	0.005	20	1
60	0.006	10000	0.3	0.006	20	1
70	0.007	10000	0.3	0.007	20	1
80	0.008	10000	0.3	0.008	20	1
90	0.009	10000	0.3	0.009	20	1
100	0.010	10000	0.3	0.010	20	1

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