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B O R O U G H O F G O S P O R T



A N N U A L R E P O R T

of the

M E D I C A L O F F I C E R O F H E A L T H

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BOROUGH OF GOSPORT

To The Mayor, Aldermen and Councillors
of the Borough of Gosport.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my sixteenth Annual Report on the health and sanitary circumstances of the Borough for the year ended 31st December 1946.

The main features of interest are as follows:-

Births 1116 births were recorded during the year.
This is the highest number of births on record and the birth rate of 24.71 per 1,000 population compares very favourably with 19.1 for England & Wales.

Deaths The death rate was 11.16 per 1,000 population compared with 11.5 for England & Wales.

Infant Mortality In 1946 the deaths of Infants under 1 year of age per 1,000 registered births dropped to 33 in Gosport compared with 43 for England & Wales - these rates are the lowest on record for both Gosport and England & Wales.

No deaths from diarrhoea and enteritis in children under 2 years of age were notified during the year.

Maternal Mortality There were no deaths from maternal causes during 1946.

<u>Tuberculosis Death Rate</u>	Respiratory	0.42	per 1,000 population
	Other Forms	0.06	" " "
	All Forms	0.48	" " "

This rate compares favourably with a rate of 0.78 per 1,000 population for all forms of tuberculosis in 1945.

Cancer Death Rate 1.66 per 1,000 population (1.95 for 1945)

Notifications of Infectious Diseases There were no notifications of typhoid or paratyphoid fever, dysentery or food poisoning during the year and no deaths from any of the infectious diseases excepting pneumonia. In the case of this disease the notifications rose from 31 in 1945 to 58 cases in 1946 of which 26 died compared with 25 deaths out of 31 cases notified during the previous year. Although this death rate for pneumonia is substantially lower than that for 1945 it is still far too high and many more lives could be saved by calling in the doctor sooner, for the secret of success is early treatment.

General Health of the People Much abuse has been hurled at the Government and the Minister of Food regarding our so called "starvation" diet, but our high birth rate and low death rates, absence of serious outbreaks of disease and the general good health of the population in Gosport, show that we are thriving on it. Perhaps because we can do ourselves more harm by over than by under indulgence

Other items of interest will be found in the body of my report.

In conclusion I would again 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 courtesy and co-operation and to my Staff for their diligence and help.

I have the honour to be, Ladies and Gentlemen,

Your obedient Servant,

G. W. FLEMING

July 1947

Medical Officer of Health.

HEALTH COMMITTEE

H. W. THE MAYOR
(Alderman NOBES)

Chairman: Alderman WHEELER

Vice-Chairman: Councillor PARKIN

Alderman Mrs MAIN

Councillors: COLLETT, COX, DOUGHTY, OLD, PHILLIPS
RAY, Mrs SHEPHERD, THWAYTES

STAFF

Medical Officer of Health

G. W. FLEMING

L.R.C.P. & S, L.R.F.P. & S, D.P.H

Chief Sanitary Inspector

T. E. OWENS

Cert R San I, Meat & Food Insp Cert, etc

Additional Sanitary Inspectors

H. R. DUKE

Cert R San I, Meat & Food Insp Cert

A. CHISHOLM

Cert R San I

(Appointed 1st June 1946)

Shops Acts Inspector

A. E. GORMAN

(Returned from National Service 24th June 1946)

Senior Clerk

H. J. MOORE

Assistant Clerks

Miss J. G. FISHER

K. WILLIAMSON (National Service from August 1939)

J. A. KEMP (National Service from 20th June 1946)

K. J. GROSE (Temporary from 7th October 1946)

Rodent Control Operators

P. DOWSETT

J. L. TOWNSEND (Temporary from 11th September 1946)

E. A. ATKINS (Temporary from 2nd December 1946)

Disinfector and Mortuary Attendant

W. BEAVIS

Mosquito Sprayer

C. GIDDY

SECTION A

SUMMARY for 1946

General Statistics

Area in acres (land and inland water)	6,770
Registrar General's Estimate of Population	45,160 (increase 4,690)
Number of Inhabited Houses (end of 1946) according to Rate Books	13,150 (increase 782)
Rateable Value	£408,188 (increase £12,331)
Sum Represented by Penny Rate	£1,639 (increase £89)

Extracts from Vital Statistics

	M	F	Total	GOSPORT	England and Wales
Live Births:				Rates per 1,000 population	
Legitimate	530	495	1,025	22.70	
Illegitimate	47	44	91	2.01	
Total	577	539	1,116	24.71	19.1
Still Births:				Rates per 1,000 total (live & still) births	
Legitimate	14	9	23	20.19	
Illegitimate	-	-	-	-	
Total	14	9	23	20.19	
Deaths:	254	250	504	Rates per 1,000 population	
				11.16	11.5
Deaths from Puerperal Causes:				Rates per 1,000 total (live & still) births	
Abortion with Sepsis	-	-	-	-	0.13
Abortion without Sepsis	-	-	-	-	0.06
Puerperal Infections	-	-	-	-	0.18
Other Maternal Causes	-	-	-	-	1.06
Total	-	-	-	-	1.43
Deaths of Infants under 1 year of age:					
Legitimate	20	13	33		
Illegitimate	3	1	4		
Total	23	14	37		
Infant Mortality Rates:					
All Infants per 1,000 live births				33	43
Legitimate Infants per 1,000 legitimate live births				32	
Illegitimate Infants per 1,000 illegitimate live births				44	
	Males	Females	Total		
Deaths from Cancer (all ages)	28	47	75		
" " Diarrhoea (under 2 years)	-	-	-		

CAUSES of DEATH in GOSPORT during 1946

<u>CAUSES OF DEATH</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
1. Typhoid and Paratyphoid Fevers	-	-	-
2. Cerebro Spinal Fever	-	-	-
3. Scarlet Fever	-	-	-
4. Whooping Cough	-	-	-
5. Diphtheria	-	-	-
6. Tuberculosis of Respiratory System	9	10	19
7. Other Forms of Tuberculosis	2	1	3
8. Syphilitic Diseases	3	-	3
9. Influenza	2	1	3
10. Measles	-	-	-
11. Ac. Polio-myelitis and Polio-encephalitis	-	-	-
12. Ac. Inf. Encephalitis	1	-	1
13. Cancer of Buccal Cavity and Oesophagus (M)/Uterus (F)	7	7	14
14. " " Stomach and Duodenum	5	8	13
15. " " Breast	-	12	12
16. " " All Other Sites	16	20	36
17. Diabetes	4	5	9
18. Intra-cranial Vascular Lesions	32	35	67
19. Heart Disease	56	68	124
20. Other Diseases of Circulatory System	9	3	12
21. Bronchitis	12	13	25
22. Pneumonia	15	11	26
23. Other Respiratory Diseases	8	2	10
24. Ulcer of Stomach or Duodenum	4	1	5
25. Diarrhoea under 2 years	-	-	-
26. Appendicitis	1	2	3
27. Other Digestive Diseases	6	4	10
28. Nephritis	10	4	14
29. Puerperal and Post Abortive Sepsis	-	-	-
30. Other Maternal Causes	-	-	-
31. Premature Birth	11	3	14
32. Congenital Malformation; Birth Injury; Infantile Diseases	7	10	17
33. Suicide	2	1	3
34. Road Traffic Accidents	2	1	3
35. Other Violent Causes	8	6	14
36. All Other Causes	22	22	44
	<u>254</u>	<u>250</u>	<u>504</u>

Deaths of Infants under 1 year:-

Legitimate	20	13	33
Illegitimate	3	1	4
	<u>23</u>	<u>14</u>	<u>37</u>

BIRTH-RATES, CIVILIAN DEATH-RATES, ANALYSIS of MORTALITY,
MATERNAL MORTALITY, and CASE-RATES for certain
INFECTIOUS DISEASES in the Year 1946

	England & Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns Resident Population 25000 - 50000 1931 Census	London Admin: County	<u>GOSPORT</u>
Rates per 1000 Civilian Population:-					
<u>Births</u>					
Live	19.1(a)	22.2	21.3	21.5	24.71
Still	0.53(a)	0.67	0.59	0.54	0.51
<u>Deaths</u>					
All Causes	11.5 (a)	12.7	11.7	12.7	11.16
Typhoid and Paratyphoid	0.00	0.00	0.00	0.00	-
Scarlet Fever	0.00	0.00	0.00	0.00	-
Whooping Cough	0.02	0.02	0.02	0.02	-
Diphtheria	0.01	0.01	0.01	0.01	-
Influenza	0.15	0.13	0.14	0.12	0.06
Smallpox	0.00	0.00	0.00	-	-
Measles	0.00	0.01	0.00	0.01	-
<u>Notifications</u>					
Typhoid Fever	0.01	0.01	0.01	0.01	-
Paratyphoid Fever	0.02	0.02	0.01	0.01	-
C.S.Fever	0.05	0.05	0.04	0.06	0.02
Scarlet Fever	1.38	1.51	1.33	1.42	1.55
Whooping Cough	2.28	2.48	2.05	2.22	2.52
Diphtheria	0.28	0.32	0.31	0.24	0.04
Erysipelas	0.22	0.25	0.22	0.27	0.42
Smallpox	0.00	0.00	0.00	0.00	-
Measles	3.92	4.73	3.70	7.35	2.92
Pneumonia	0.89	1.02	0.74	0.75	1.28
Rates per 1000 Live Births:-					
Deaths under 1yr	43 (b)	46	37	41	33
Deaths from Diarrhoea & Enteritis under 2 years.	4.4	6.1	2.8	4.2	-
Rates per 1000 Total (Live & Still) Births:-					
<u>Notifications</u>					
Puerperal Fever)	8.50	10.35	7.63	1.62	5.26
Puerperal Pyrexia)				9.68(c)	
Maternal Mortality	1.43				-
Abortion Mortality per million women aged 15 - 45:-					
With Sepsis	11				
Without Sepsis	5				

A dash (-) signifies that there were no deaths or notifications

(a) Rates per 1000 total population

(b) Per 1000 related births

(c) Including Puerperal Fever

SECTION B

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

(a) Laboratory Facilities

County Council Lab., Winchester... Tel. Winchester 4415
Public Health Laboratory Service
Winchester... " Winchester 3807
(Directed by Medical Research Council for Ministry of Health)

(b) Ambulance Facilities

Ambulances maintained by Borough Council:-
General and Accident Cases (3 Ambulances... Tel. 89121
Infectious Diseases
Under agreement with the Portsmouth City Council
infectious cases are removed to the Portsmouth I.D.
Hospital (Tel. 2046) by Portsmouth I.D. Ambulances.

(c) Nursing in the Home

Victoria Nursing Society,
Peel Road, Gosport..... Tel. 8039

(d) Clinic and Treatment Centres

Tuberculosis

Under County Medical Officer,
The Castle, Winchester.....Tel. Winchester 4415
Clinic: 4 Clarence Square, Gosport. Mondays 9.30 a.m.

Maternity and Child Welfare

Under County Medical Officer,
The Castle, Winchester.....Tel. Winchester 4415

Child Welfare Centres:-

Methodist Church, Stoke Road, Gosport
Wednesdays 10 am - 12 noon and 2 - 4 pm
St. Thomas's Church Hall, Elson Road, Gosport
Tuesdays 2 pm
Congregational Church Hall, The Crossways, Gosport
Fridays 2 pm

Ante-Natal Clinics

Under County Medical Officer
The Castle, Winchester.....Tel. Winchester 4415
Clinic: War Memorial Hospital, Gosport.....Tel. 8059
Thursdays 2 p.m. (except 5th Thursday in month)

(d) Clinic and Treatment Centres (Cont)

School Clinic

2 Stoke Road, Gosport.....Tel.89131
Minor Ailments - Open 9 a.m. weekdays (except Saturdays
Dental - By appointment only and Holidays)
Eye - By appointment only
Orthopaedic - By appointment only
Immunisation - By appointment only

Venereal Diseases

Under County Medical Officer,
The Castle, Winchester.....Tel.Winchester 4415

Clinics: St. Marys Hospital, Portsmouth....Tel. 2476
(Tuesdays and (Mondays 5-7 pm
Males (Thursdays Females (Wednesdays 2 pm
(10 am - 5 pm (Fridays 10 am

Vaccination

Vaccination Officer - C. F. Lewington,
Town Hall, Gosport....Tel. 8155
Public Vaccinator - Dr. J. C. Glen,
1 The Avenue,
Alverstoke.....Tel. 8008

(e) Hospitals Public and Voluntary

War Memorial Hospital - Voluntary.....Tel. 8059
Haslar - Naval Hospital.....Tel.74571

Infectious Diseases

Our Infectious Diseases Hospital was closed as an Infectious Diseases Hospital in May 1945 and is now re-opened as a Maternity Home (under the County Council).
Cases of infectious diseases requiring hospital treatment are admitted to the Portsmouth I.D. Hospital by agreement with the Portsmouth City Council.

Smallpox

Our Smallpox Hospital (Tel.89336) has been taken over by the Portsmouth City Council on a yearly agreement on the understanding that any cases of Smallpox occurring in the Borough of Gosport will be admitted and treated there.

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

Water

The main supply is a typical chalk water remaining practically constant in quality, neutral in reaction and free from deposit on standing and it has no plumbo-solvent action. It is hard in character but is much softened on boiling. The water is chlorinated before it reaches the mains.

The supply has been satisfactory in quality and in quantity. The following table shows the number of samples taken, for which the results of analyses were all satisfactory:-

	<u>Chem & Bact. Exam</u>	<u>Chem. Exam Only</u>	<u>Bact Exam Only</u>	<u>Total</u>
Water from Public Supply Mains	4	3	22	29
Water before chlorination	-	4	4	8

No action was required in respect of any form of contamination during the year. So far as is known all the dwelling houses in the Borough have direct main supplies.

Drainage and Sewerage

During the year the following additional lengths of foul sewers and storm water sewers were laid in connection with the Council's Bridgemaury Housing Estate:-

Foul Sewers:-	1,895 yds x 6 ins	Storm Water Sowers:-	1,940 yds x 9 ins
	2,425 " x 9 "		425 " x 12 "
	782 " x 12 "		315 " x 15 "
			135 " x 18 "
			920 " x 21 "
			1,091 " x 24 "
			775 " x 33 "
			670 " x 36 "

Rivers and Streams

There was no pollution in the area requiring any action.

Closet Accommodation

There was one conversion of pail closet to water closet during the year.

Number of water closets ...	13,522
Number of pail closets ...	17

Public Cleansing

During the year we resumed our pre-war method of collecting refuse whereby the bins are now carried out from the premises, but the collection still remains once weekly. The cesspool emptying is still carried out under contract with the Hants Cleansing Service.

Sanitary Inspections of the Area

Dwelling Houses	
Inspections under Public Health Acts	1059
" " Housing Acts	732
After Infectious Disease	878
Overcrowding	22
Complaints received and attended to	923
Sanitary Dustbins	12
Drainage Inspections	234
Drains tested	21
Houses let in lodgings	9
Common Lodging Houses	47
Offensive Trades	5
Tents, Vans & Sheds	18
Stables and Stable Yards	80
Piggeries	80
Factories (Power)	77
" (Non-power)	22
Workplaces	3
Bakehouses	51
Public Conveniences	31
Rats and Mice (Destruction) Act	221
Cinemas	5
Schools	22
Shops Acts and Young Persons (Employment) Act	775
Mosquito Control	19
Vacant Land and Dumps	69
Air Raid Shelters	5
Revisits to Premises under Notice	4560
Works in Progress	446
Interviews with Owners etc.	775
Verminous Rooms or Premises	147
Prospective Council House Tenants	2
Clearance Area Revisits	17
Miscellaneous Visits	1824

Meat and Foods

Slaughter Houses	10
Butchers' Shops and Stalls	159
Fishmongers and Poulterers	100
Greengrocers and Fruiterers	74
Grocers and other Food Shops	285
Fried Fish Shops	47
Dairies and Milkshops	107

Meat and Foods (Cont)

Cowsheds	3
Preserved Food Premises	82
Cafes	133
Street Hawkers and Vendors	8
Ice Cream Premises	238
Milk Samples	120
" Detergent Samples for Bact. Exam	43
" Bottles	46
Water Samples	7
Ice Cream Samples	79
Food and Drug Samples	144
Miscellaneous	212

Total Visits 15,079

Summary of Sanitary Work Carried Out

Houses:	Roofs	483
	Walls (External)	120
	Chimneys and Stacks	76
	Rainwater Pipes	72
	Eaves Guttering	205
	Yards and Passages	8
	Coalhouses	2
	Dampness Abated	84
	Wallplaster	274
	Ceilings	142
	Floors	325
	Windows	302
	Sashcords	212
	Additional Lighting	1
	" Ventilation	4
	Stairs	14
	Doors	103
	Cleansed	14
	Vermin	91
	Handrails Fixed	2
	Fireplaces	99
	Cooking ranges	52
	Coppers	22
	Sinks (Repair and Renewal)	20
	Sink Waste Pipes	39
	Interior Water Supplies Provided	2
	Repairs to Water Supplies	50
	Food Stores Provided	1
	Miscellaneous	94
Drainage:	Drains Cleared	167
	Drains Repaired	53
	New Drains	7
	Other Defects	96

Water Closets:	Repaired	237
	Cleansed	8
	New Closets Provided	3
Dustbins:	New Provided	5
	Insanitary Receptacles Abolished	2
Miscellaneous:	Offensive Accumulations	45
	Animals	5
	Schools	2
Contraventions:	Tents, Vans and Sheds	2
	Houses let in Lodgings	1
	Common Lodging Houses	2
	Dairies and Milkshops	8
	Butchers Premises	4
	Food Premises	30
	Piggeries	10
	Stables and Stable Yards	10
	Factories	11
	Workplaces	1
	Fried Fish Shops	3
	Shops Acts	6

Total Defects Remedied 3,631

<u>Notices Served</u>	Informal Notices: Public Health Acts	889
	Shops Acts	181
	Food and Drugs Act	17

Statutory Notices: 245

Notices Complied With 1,152

Action Taken under the Shops Acts and the
Young Persons (Employment) Act

775 Visits were made, 181 Informal Notices were served and all were complied with without service of Statutory Notices.

Camping Sites - No change

Smoke Abatement - No action required

Swimming Baths and Pools - No change

Eradication of Bed Bugs The following action was taken during the year:-

	<u>Council Houses</u>	<u>Other Houses</u>	<u>Total</u>
No. of houses found to be infested	9	21	30
No. of houses disinfested	9	21	30

Mosquito Control

The draining of the Browndown Marshes has done much to reduce mosquitoes in the Borough and more particularly in Lee. Drainage work has also been done on the marshy lands at Fleetlands in the occupation of the Royal Naval Aircraft Repair Department. The importance of draining or filling in as much as possible of the low lying marshy areas in the Borough cannot be over emphasised as these are the places where mosquitoes breed and of course in water butts and other places where water can collect and stagnate. When these are on private lands the owners could do much to protect themselves and their neighbours from mosquitoes by doing away with such collections of stagnant water or by treating them regularly with waste oil, paraffin or D.D.T.

The arrangements made in April 1945 with Mr. Marshall, Director of the British Mosquito Control Institute, Hayling Island, to send one of his Assistants to Gosport once weekly to advise and assist in Mosquito Control, were continued in 1946 with beneficial results.

Regular spraying of all the usual breeding grounds was systematically pursued during the spring and summer months and did much to reduce the mosquito nuisance. But of course spraying is only a palliative measure whereas the real remedy lies in the elimination of marshy lands by drainage or filling in.

During the year 300 gallons of waste oil, 200 gallons of paraffin and 44 gallons of larvicide were used for this purpose. The cost to the Corporation for wages, materials and transport was £224 - 4 - 3d.

Rodent Control

One man was employed whole-time on rodent control work throughout the year, and two full-time assistants were also employed (one from 11.9.46 and the other from 2.12.46).

150 Complaints of infestations were received during the year and 191 premises were treated - 161 by the Council and 30 by the Occupiers of the premises concerned.

Sewer Treatment: Systematic treatment of the sewers in the Borough was continued and the following work completed during the year:-

	<u>Sections</u>	<u>No. of Manholes</u>	<u>No. of Manholes Baited</u>
First Treatments	12	1121	950
Second Treatments	10	950	669
First Maintenance Treatments	6	481	336

Two men from the Borough Engineer's Dept. were employed when necessary on the sewers for lifting of manhole covers etc.

Rodent Control (Cont)

Private Dwellings Scheme: Systematic inspection of private dwellings and free treatment of infested dwellings, under this Ministry of Food grant-aided scheme, was commenced in October and the following work had been done by the end of the year:-

Houses Inspected 2,071 Houses Treated 93

Premises Subject to Control by the Local Authority

Houses let in lodgings	4
Common Lodging Houses	1
Dairies, Cowsheds and Milkshops	15
Slaughter-houses	9
Hawkers' Premises	14

SECTION D

HOUSING

1. Inspection of Dwelling Houses during the year:-

1. (a) Total number of dwelling houses inspected for housing defects (under the Public Health or Housing Acts)	914
(b) Number of inspections made for the purpose	1063
2. (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	4
(b) Number of inspections made for the purpose	4
3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	4
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	888
5. No. of houses inspected by the Chief Sanitary Inspector in a preliminary housing survey	4397

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 690

3. Action under Statutory Powers during the year:-

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 Nil

B. Proceedings under Public Health Acts:-

1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied 242

2. Number of dwelling houses in which defects were remedied after service of formal notices:-

(a) By Owners 225

(b) By Local Authority in default of Owners 3

C. Proceedings under Sections 11 & 13 of the Housing Act, 1936 Nil

4. Housing Act, 1936 - Part IV - Overcrowding

(a) (i) Number of dwellings overcrowded at the end of the year 18

(ii) Number of families dwelling therein 28

(iii) Number of persons dwelling therein 133

(b) Number of new cases of overcrowding reported during the year 3

(c) (i) Number of cases of overcrowding relieved during the year Nil

(ii) Number of persons concerned in such cases Nil

(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of Overcrowding Nil

Slum Clearance - Position at 31st December 1946

Total number of houses demolished 393

Housing Progress - Number of New Houses built during 1946:-

(i) By Local Authority

(a) Permanent Houses 141

(b) Prefabricated Temporary Houses 425

(ii) By Private Enterprise 141

SECTION E

INSPECTION AND SUPERVISION OF FOOD

Milk Supply

Milk Sampling and Testing for the Year 1946

To comply with
The Milk (Special Designations) Regulations, 1936-46
&
The Heat-Treated Milk (Prescribed Tests) Order, 1944

Class of Milk	Number of Samples Examined	Tests	Number of Samples	
			Passed	Failed
Pasteurised	71	Phosphatase	69	2
		Methylene Blue	69	2
T. T. Pasteurised	9	Phosphatase	9	-
		Methylene Blue	9	-
Heat-Treated	30	Phosphatase	27	3
		Methylene Blue	27	3
Tuberculin Tested	15	Methylene Blue	12	3
		B. Coli	13	2
		Bio. for T.B.	2	-
Raw Milk	1	Bio. for T.B.	1	-

N.B. The Phosphatase Test is for adequacy of heat-treatment and the Methylene Blue Test for keeping quality.

Milk Bottles 47 sample milk bottles were submitted for tests of sterility. On a standard of not more than 200 organisms per pint bottle (in the absence of any legal standard) 37 of the bottles were satisfactory and 10 were unsatisfactory.

Cleansing Fluids 42 samples of fluid used for cleansing of bottles, utensils, etc. were submitted for examination and 38 were satisfactory and 4 unsatisfactory.

Appropriate action was taken on all unsatisfactory reports.

Milk (Special Designations) Order

Licences issued by the Local Authority during 1946:-

Pasteurisers	2
Distributors (Pasteurised)	3
" " Supplementary	1
" (T. T.)	2
" " Supplementary	1
Bottlers (T. T.)	2

Meat and Other Foods

During the year 13 pigs were slaughtered in the Borough and examined: 1 liver was condemned and surrendered.

363 lbs of Beef, 242 lbs of Pork and 28 lbs of Mutton (all decomposition) were condemned and surrendered.

Other foodstuffs condemned as unfit for human consumption were as follows:-

Government Victualling Establishment

Antelope Powder	100	lbs	Mustard	96	lbs
Baking Powder	37 $\frac{3}{4}$	"	Oatmeal	5248	"
Biscuits	1344	"	Pickles	187 $\frac{1}{4}$	"
Bovril	2 $\frac{1}{8}$	"	Prunes	25	"
Chocolate	571	"	Rice	3696	"
Cocoa	8	"	Salt	11640	"

Others

Bacon	154 $\frac{1}{2}$	lbs	Fish	141	bxes
Beef Cubes	12250	"	"	538 $\frac{1}{2}$	lbs
Biscuits	262	lbs	Ginger	12	"
Biscuit Mixture	1296	pkts	Gravy Salt	42	pkts
Blancmange Powder	49	lbs	" "	3 $\frac{1}{4}$	lbs
Botanic Beer	18	bots	Ice Cream Powder	56	"
Bread	56	lbs	Jam & Syrup	32	"
Butter	53 $\frac{1}{2}$	"	Jix	576	bots
Cereals	198	"	Lemonade Essence	210	pkts
Cheese	7 $\frac{1}{4}$	"	Macaroni	56	lbs
Chocolate Powder	5	pkts	Margarine	163	"
Chocolate Spread	15	jars	Milk Substitute Powder	917	"
Cocoa	545	lbs	Mincemeat	1	lb
Confectionery	10 $\frac{3}{4}$	"	Mustard	11	lbs
Curry Powder	40 $\frac{1}{2}$	"	Pepper	5	"
Custard Powder	70	"	Potatoes	1876	"
Dates	4	"	Pudding Mixture	506	pkts
Dried Egg	308	"	" "	24	lbs
" Fruit	25	"	Soup Powder	29	pkts
" Vegetables	185	"	" "	77	lbs
Eggs	210	"	Sugar	149	"
Egg Substitute Powder	942	pkts	Tea	15 $\frac{3}{4}$	"
Fat Extender	497	lbs	Tinned Goods	2253	tins
Flour Sweepings	224	"	Xmas Pudding	6	lbs

Food and Drugs Act 1938

Samples taken during the year:-

Article	Genuine	Unsatisfactory	Total
Milk	57	6 (a)	63
Other Foods	77	3 (b)	80
Drugs	7	1 (c)	8

- (a) (i)(ii)&(iii) Test Samples (iv) 4.7% deficient in solids-not-fat
 (v) 4.1% deficient in solids-not-fat (vi) 3% extraneous water
 (iv)(v)&(vi) Producers Warned
- (b) (i)&(ii) Test Samples (iii) Mustard - slightly contaminated with
 lacquer solvent - Manufacturer Warned
- (c) Mist Ferri Arsen N.W.F. - 44% excess of iron ammonium citrate -
 Vendor Warned

SECTION F

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

<u>Scarlet Fever</u>	There were 72 cases and no deaths.
<u>Diphtheria</u>	Only 2 cases and no deaths.
<u>Enteric Fever</u> (includes Typhoid & Paratyphoid)	No cases.
<u>Ac. Poliomyelitis</u>	No cases.
<u>Dysentery</u>	No cases
<u>Pneumonia</u>	There were 58 cases and 26 deaths.
<u>Cerebro-Spinal Fever</u>	There were 2 cases and no deaths.
<u>Measles</u>	There were 135 cases and no deaths.
<u>Whooping Cough</u>	There were 114 cases and no deaths.
<u>Food Poisoning</u>	No cases.
<u>Scabies</u>	Only 5 notifications were received during the year. In addition 61 school children were treated at the School Clinic for scabies during the year. This is only 0.94% of the school population and includes all doubtful cases.

During the year the following cases were admitted to Portsmouth Infectious Diseases Hospital:-

Diphtheria	2	Malaria	1
Scarlet Fever	2	Erysipelas	1
Cerebro-Spinal Fever	1	Chicken Pox & ?Strept Hip	1
T.B. Meningitis	1	Observation	5

Total Cost for Maintenance, Consultant's Fees and
Use of Portsmouth Ambulance £194-16-1
Average Cost per Case £13-18-4
Average Length of Stay in Hospital 19 days

Immunisation Against Diphtheria

Two Sessions per month were devoted to this work in 1946 and during this period the number of children who were given 2 injections of A.P.T. is shown below:-

Age at date of Final Injection		TOTAL	Number of Children who were given a Secondary or Re-inforcing Injection (i.e. subsequent to complete full course)
Under 5	5 to 14		
581	100	681	88

Number of Children
Who had Completed a Full Course of Immunisation
At any time up to 31st December, 1946

Age at 31.12.46 ie. Born in Year	Under 1	1	2	3	4	5 to 9	10 to 14	Total
	1946	1945	1944	1943	1942	1937-41	1932-36	under 15
Number Immunised	3	343	477	428	444	2,101	2,116	5,912
Estimated mid-year population 1946	4,790					7,300		12,090

The above table shows that by the end of the year just under half of the estimated mid-year population of children under 15 in 1946 had been immunised. A certain number of children have been immunised privately by their own doctors but we have no complete records of these.

In spite of our increased population the following table shows a remarkable drop in the actual number of cases of diphtheria since we started immunisation against this disease in 1938:-

	Number of Cases of Diphtheria	Number per 1,000 population GOSPORT	England & Wales
1936	24	0.56	1.39
1937	24	0.54	1.49
1938	35	0.76	1.58
1939	5	0.11	1.14
1940	20	0.54	1.16
1941	5	0.15	1.25
1942	3	0.08	1.05
1943	4	0.11	0.88
1944	4	0.08	0.58
1945	1	0.02	0.46
1946	2	0.04	0.28

Publicity has been given to the facilities for immunisation by means of the Press, Posters, Cinemas, Leaflets and Cards distributed by Health Visitors, School Nurses and Teachers, and by post as Birthday Cards.

Immunisation against Organisms of the Typhoid Group

No applications for this treatment were received during the year.

Infectious Diseases

Notifications, Admissions to Hospital and Deaths during 1946

Disease	Cases Notified	Cases Admitted to		Deaths
		Portsmouth I. D. H.	Other Hospitals	
Scarlet Fever	72	2	6	26
Diphtheria	2	2		
Measles	135		1	
Whooping Cough	114			
Pneumonia	58		1	
Cerebro-Spinal Fever	2	1	1	
Erysipelas	19	1		
Ophthalmia Neonatorum	10			
Puerperal Pyrexia	6	1		
Malaria B. T.	2	1		
Observation		5		

Tuberculosis

New Cases and Mortality during 1946

Age	NEW CASES - 112				DEATHS - 22			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
Under 1 yr							1	
1 - 4 yrs			1	1				1
5 - 14 "		3	4	2				
15 - 24 "	17	15	2	3	3	4		
25 - 34 "	11	10				3	1	
35 - 44 "	14	3	1	1	3	1		
45 - 54 "	10	5		1	1	1		
55 - 64 "	3	2		1	1			
65 and over	1	1			1	1		
Totals	56	39	8	9	9	10	2	1

<u>Tuberculosis Death Rate</u>				
Pulmonary	0.42	per 1,000	population	
Other Forms	0.06	"	"	"
All Forms	0.48	"	"	"

Ratio of Non-notified deaths to total deaths 2 : 22

There was no instance of wilful neglect or refusal to notify.

There is no evidence of excessive incidence of, or mortality from, Tuberculosis in any particular occupation in the area.

Tuberculosis Dispensary

Number of patients under supervision or treatment
at the Dispensary 284

Number admitted to Sanatoria or as in-patients to
any Hospital under the County Council Scheme 66

INFECTIOUS DISEASES

Cases Notified During 1946

Numbers according to Sex and Age after corrections subsequently made, either by the Notifying Medical Practitioner or by the Medical Superintendent of the I.D. Hospital

Ages etc. (N.K. - Age unknown)	Scarlet Fever		Diphtheria		Whooping Cough		Measles	
	M	F	M	F	M	F	M	F
0 -	3	8			5	6	3	1
1 -	5	5			13	22	17	15
3 -	17	15		1	11	24	11	14
5 -	5	6			18	12	31	29
10 -	1	2				2	5	2
15 -		3				1	1	1
25 & over								
Age unknown								
Civilians	31	39	-	2	47	67	69	63
Total Civilians								
Non-Civilians	1	1					3	
15 -								
25 & over (or N.K.)								
Total Non-Civilians	1	1	-	-	-	-	3	-
Ages etc. (N.K. - Age unknown)	Pneumonia		C.S. Fever		Erysipelas		Other Diseases	
	M	F	M	F	M	F	M	F
0 -	5	6					Civilians:- Puerperal Pyrexia Ophthalmia Neonatorum Malaria contracted abroad	
5 -	7	1		1	1	9		
15 -	6	9			1	4		
45 -	6	10				1		
65 & over	6	2				2		
Age unknown								
Civilians	30	28	-	1	3	16		
Total Civilians								
Non-Civilians			1					
15 - (or N.K.)								
45 & over								
Total Non-Civilians	-	-	1	-	-	-		

Year	COMPARATIVE BIRTH RATE			COMPARATIVE DEATH RATE		
	Population No. of (R.G.)	Births	per 1,000 population GOSPORT England & Wales	Population No. of (R.G.)	Deaths	per 1,000 population GOSPORT England & Wales
1917	30,947	632	20.42	27,762	383	13.79
1918	31,279	681	21.77	27,917	412	14.75
1919	30,410	709	23.31	29,192	380	13.01
1920	36,048	970	26.9	30,356	360	11.85
1921	33,710	789	23.4	30,878	360	11.65
1922	34,150	734	21.49	31,320	325	10.37
1923	34,280	711	20.74	30,407	337	11.08
1924	32,680	622	19.03	30,580	338	11.05
1925	33,150	665	20.06	30,670	356	11.6
1926	31,990	637	19.91	29,740	324	10.89
1927	33,520	623	18.58	30,300	355	11.05
1928	34,130	652	19.1	30,730	342	11.12
1929	35,130	686	19.52	31,650	444	14.02
1930	37,130	651	17.53	33,080	353	10.67
1931	37,580	704	18.7	33,360	371	11.1
1932	38,720	740	19.1	38,720	447	11.5
1933	39,570	702	17.7	39,570	436	11.2
1934	40,070	707	17.29	40,870	407	10.1
1935	41,910	705	16.82	41,910	414	10.06
1936	42,720	752	17.60	42,720	436	10.4
1937	44,210	837	18.93	44,210	464	10.69
1938	45,910	856	18.64	45,910	453	10.02
1939	47,630	942	19.77	44,980	435	10.96
1940	37,300	870	23.32	37,300	531	14.95
1941	33,160	679	20.47	33,160	488	14.71
1942	34,130	801	23.47	34,130	420	12.30
1943	35,550	848	23.85	35,550	458	12.88
1944	37,170	1047	28.16	37,170	415	11.16
1945	40,470	1063	26.27	40,470	473	11.68
1946	45,160	1116	24.71	45,160	504	11.16
			19.1			11.5
			17.8			14.4
			17.7			17.6
			18.5			13.8
			25.4			12.4
			22.4			12.0
			20.4			12.7
			19.7			11.6
			18.8			12.2
			18.3			12.2
			17.8			11.6
			16.7			12.3
			17.8			11.7
			16.3			13.4
			16.3			11.4
			15.8			12.3
			15.3			12.0
			14.4			12.3
			14.8			11.8
			14.7			11.7
			14.8			12.1
			14.9			12.4
			15.1			11.6
			15.0			12.1
			14.6			14.3
			14.2			12.9
			15.8			11.6
			16.5			12.1
			17.6			11.6
			16.1			11.4
			19.1			11.5

INFANT MORTALITY RATE
Measured by the
Proportion of Deaths under one year to Registered Births

Year	GOSPORT					England & Wales		
1917	66.4	per	1,000	births	registered	97	per	1,000
1918	69.0	"	"	"	"	97	"	"
1919	48.9	"	"	"	"	89	"	"
1920	50.5	"	"	"	"	80	"	"
1921	64.6	"	"	"	"	83	"	"
1922	54.4	"	"	"	"	77	"	"
1923	57.6	"	"	"	"	69	"	"
1924	65.9	"	"	"	"	75	"	"
1925	55.6	"	"	"	"	75	"	"
1926	36.1	"	"	"	"	70	"	"
1927	46.5	"	"	"	"	69	"	"
1928	42.9	"	"	"	"	65	"	"
1929	62.6	"	"	"	"	74	"	"
1930	44.5	"	"	"	"	60	"	"
1931	41.1	"	"	"	"	66	"	"
1932	52.7	"	"	"	"	65	"	"
1933	39.8	"	"	"	"	64	"	"
1934	38.2	"	"	"	"	59	"	"
1935	49.64	"	"	"	"	57	"	"
1936	38.56	"	"	"	"	59	"	"
1937	39.43	"	"	"	"	58	"	"
1938	53.73	"	"	"	"	53	"	"
1939	44.66	"	"	"	"	50	"	"
1940	35.63	"	"	"	"	55	"	"
1941	46.92	"	"	"	"	59	"	"
1942	61	"	"	"	"	49	"	"
1943	40	"	"	"	"	49	"	"
1944	37	"	"	"	"	46	"	"
1945	40	"	"	"	"	46	"	"
1946	33	"	"	"	"	43	"	"

MONTHLY WEATHER SUMMARY for the YEAR 1946

Month	Mean Baro-meter (ins)	TEMPERATURE						SUNSHINE		RAINFALL			Rel. Humidity (Sat. 100)
		Mean (F)	Absolute		Mean		Mean Daily Range (F)	Days of 0.5 hrs or more	Total Hours	Days of 0.01 ins or more	Total (mm)	Total (ins)	
			Max (F)	Min (F)	Max (F)	Min (F)							
Jan	30.097	39.3	55	24	44.2	34.4	9.8	81.8	22	52.4	2.08	16	73
Feb	29.985	45.1	55	25	49.3	41.0	8.3	73.2	17	75.2	2.98	15	77
Mar	29.970	42.9	67	26	48.8	37.1	11.7	90.9	14	27.4	1.08	9	71
Apr	30.044	51.5	68	33	59.4	43.7	15.7	224.5	26	61.2	2.42	10	69
May	29.867	54.3	69	39	61.7	47.0	14.7	213.3	28	92.5	3.67	11	64
June	29.947	58.3	72	46	63.0	52.0	11.0	179.1	28	67.9	2.67	12	65
July	30.011	63.6	78	51	70.0	57.1	12.9	240.0	31	40.4	1.60	7	70
Aug	29.863	61.0	71	45	66.3	55.7	10.6	190.3	29	115.3	4.54	17	73
Sept	29.887	59.7	77	49	64.2	55.2	9.0	129.5	25	78.3	3.08	18	75
Oct	30.038	53.5	62	37	58.3	48.8	9.5	103.1	22	20.0	.79	5	70
Nov	29.737	49.1	61	36	53.2	44.9	8.3	60.9	18	109.9	4.32	20	75
Dec	29.923	40.3	53	22	45.0	35.5	9.5	75.9	21	63.2	2.49	17	69
Total	-	-	-	-	-	-	-	1662.5	282	803.7	31.72	157	-
Mean	29.947	51.4	66	36	56.9	46.0	10.9	-	-	66.9	2.64	-	71

I am indebted to Dr. A. B. Williamson, Medical Officer of Health, Portsmouth, for kindly supplying me with the particulars for the above table.

