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BOROUGH OF GOSPORT



ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

YEAR 1945

(War Edition)

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 fifteenth Annual Report on the health and sanitary circumstances of the Borough for the year ended 31st December 1945.

The main features of interest are as follows:-

Births 1063 births were recorded during the year. This is the highest number of births on record and the birth rate of 26.27 per 1,000 population compares very favourably with 16.1 for England & Wales.

Deaths The death rate for Gosport for 1945 was 11.68 per 1,000 population compared with 11.4 for England & Wales.

Infant Mortality 40 per 1,000 live births compares favourably with an Infant Mortality Rate of 46 for England & Wales.

Maternal Mortality 0.93 per 1,000 total births compares very favourably with 1.79 for England & Wales and with 1.85 for Gosport for 1944.

| | | | | |
|--------------------------------|-------------|------|-----------|------------|
| <u>Tuberculosis Death Rate</u> | Respiratory | 0.76 | per 1,000 | population |
| | Other Forms | 0.02 | " | " |
| | All Forms | 0.78 | " | " |

This rate compares favourably with a rate of 0.99 per 1,000 population for all forms of tuberculosis in 1944.

Cancer Death Rate 1.95 per 1,000 population.

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 Chairmen 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

Medical Officer of Health

HEALTH COMMITTEE

THE MAYOR

Chairman: Alderman WHEELER

Vice-Chairman: Councillor Mrs. WILLIAMS

Aldermen: Mrs. MAIN, NOBES

Councillors: Mrs. DYKES, FURLONG, OLD, OVENS
PARKIN, TITHERADGE, COX, RAY.

STAFF

Medical Officer of Health

G. W. FLEMING
L.B.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 Inspector
H. R. DUKE
Cert R San I, Meat & Food Insp Cert.

Chief Clerk
H. J. MOORE

Assistant Clerks:
Miss J. G. FISHER
K. WILLIAMSON (Military Service from August, 1939)
J. A. KEMP

Rodent Control Officer
P. DOWSETT

Disinfector and Mortuary Attendant
E. G. COLES
(Retired July, 1945)
W. BEAVIS
(Appointed June, 1945)

Mosquito Sprayer
O. GIDDY

SECTION A
SUMMARY FOR 1945

1. General Statistics

| | | |
|--|----------|-------------------|
| Area in acres (land and inland water) | 6,770 | |
| Registrar General's estimate of population | 40,470 | (increase 3,300) |
| Number of inhabited houses | | |
| (end of 1945) according to Rate Books | 12,368 | (increase 58) |
| Rateable Value | £395,857 | (increase £2,562) |
| Sum represented by Penny Rate | £1,550 | (increase £50) |

2. Extracts from Vital Statistics

| | | <u>GOSPORT</u> | <u>England & Wales</u> |
|--------------------------------|-----------------------------|----------------|----------------------------|
| <u>Live Births</u> | | | |
| Legitimate) | Rates | (23.52 | |
| Illegitimate) | per | (2.75 | |
| | 1000 population | | |
| Total) | | (26.27 | 16.1 |
| <u>Stillbirths</u> | | | |
| Legitimate) | Rates per 1,000 | (22.99 | |
| Illegitimate) | total (live & still) births | (- | |
| Total) | | (22.99 | |
| <u>Deaths</u> | Rates per 1,000 population | 11.68 | 11.4 |
| Deaths from Puerperal Causes: | | | |
| Abortion with Sepsis) | Rates per | - | 0.25 |
| Abortion without Sepsis) | 1,000 total | - | 0.08 |
| Puerperal Infections) | (live & still) | 0.93 | 0.24 |
| Other Maternal Causes) | births | - | 1.22 |
| Total) | | 0.93 | 1.79 |
| <u>Infant Mortality:</u> | | | |
| per 1,000 live births | | 40 | 46 |
| Legitimate infants per 1,000 | | | |
| legitimate live births | | 42.02 | |
| Illegitimate infants per 1,000 | | | |
| illegitimate live births | | 27.03 | |

| | <u>Males</u> | <u>Females</u> | <u>Total</u> |
|-------------------------------|--------------|----------------|--------------|
| Deaths from Cancer (all ages) | 39 | 40 | 79 |
| " " Measles (all ages) | 1 | - | 1 |
| " " Whooping Cough (all ages) | 1 | 2 | 3 |
| " " Diarrhoea (under 2 years) | 3 | 2 | 5 |

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

(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 a.m. - 12 noon and 2 - 4 p.m.

Fridays 9.30 a.m. - 12 noon

St. Thomas's Church Hall, Elson Road, Gosport

2nd and 4th Tuesdays in month

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)

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

(d) Clinic and Treatment Centres (Contd.)

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

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

Water

The main supply is a typical chalk water remaining practically constant in quality.

The following Water Samples were submitted for Analysis during 1945:

| | <u>Chem & Bact.Exam</u> | <u>Chem Exam Only</u> | <u>Bact.Exam Only</u> | <u>Total</u> |
|---------------------------|---------------------------------|---------------------------|---------------------------|--------------|
| Public Water Supply | 3 | 5 | 37 | 45 |
| Emergency Feeding Centres | - | - | 4 | 4 |
| " Rest Centres | - | - | 3 | 3 |
| " Drinking Water Tanks | - | - | 2 | 2 |
| TOTAL | 3 | 5 | 46 | 54 |

All were reported satisfactory with the exception of 6 samples of raw water from the auxiliary supply at Bury Cross (not in use) and 2 samples of the public supply to pre-fabricated houses (taken before the houses were occupied). A satisfactory sample was obtained before the houses were occupied and subsequent samples at monthly intervals were satisfactory.

Drainage and Sewerage - During the year the following additional lengths of sewers and storm water drains were laid in connection with the temporary housing sites in the borough:-

Sewers:-

| | |
|---------------------|-----------------|
| Clayhall Site | 891 yds x 6 ins |
| " " | 51 yds x 4 ins |
| Ham Lane Site | 640 yds x 6 ins |
| Institution Site | 550 yds x 6 ins |
| Lee-on-Solent Site | 721 yds x 6 ins |
| San Diego Road Site | 665 yds x 6 ins |

Storm water drains:-

| | |
|---------------------|-----------------|
| Ham Lane Site | 167 yds x 9 ins |
| " " " | 155 yds x 6 ins |
| San Diego Road Site | 220 yds x 6 ins |

Rivers and Streams - There was no pollution in the area requiring any action.

Closet Accommodation - There were no conversions to water closets during the year.

| | | | |
|-------------------------|-----|-----|--------|
| Number of water closets | ... | ... | 12,814 |
| Number of pail closets | ... | ... | 18 |

Public Cleansing - No change.

Sanitary Inspections of the Area

| | |
|-------------------------------------|-----|
| Public Air Raid Shelters | 293 |
| Dwelling Houses | |
| Inspections under Public Health Act | 768 |
| " " Housing Act | 7 |
| After Infectious Disease | 959 |
| Overcrowding | 14 |
| Complaints received and attended to | 695 |
| Sanitary Dustbins | 14 |
| Drainage Inspections | 335 |
| Drains tested | 17 |
| Houses let in lodgings | 4 |
| Common Lodging Houses | 53 |
| Offensive Trades | 9 |
| Tents, Vans and Sheds | 3 |
| Stables and Stable Yards | 32 |
| Piggeries | 92 |
| Factories (Power) | 59 |
| " (Non-power) | 15 |
| Outworkers' Rooms | 44 |
| Bakehouses | 17 |
| Public Conveniences | 15 |
| Rats and Mice (Destruction) Act | 223 |

Sanitary Inspections of the Area (Contd.)

| | |
|---|------|
| Schools | 54 |
| Shops Acts and Young Persons (Employment) Act | 404 |
| Mosquito Control | 10 |
| Vacant Land and Dumps | 34 |
| Revisits to Premises under Notice | 3555 |
| Works in Progress | 178 |
| Interviews with Owners etc. | 396 |
| Vermineous Rooms or Premises | 216 |
| Slum Clearance Revisits | 1 |
| Miscellaneous Visits | 1605 |

Meat and Foods

| | |
|-----------------------------------|-----|
| Slaughter Houses | 16 |
| Butchers' Shops and Stalls | 105 |
| Fishmongers and Poulterers | 49 |
| Greengrocers and Fruiterers | 49 |
| Grocers and Other Food Shops | 204 |
| Fried Fish Shops | 11 |
| Dairies and Milkshops | 130 |
| Cowsheds | 5 |
| Preserved Food Premises | 21 |
| Cafes | 36 |
| Street Hawkers and Vendors | 3 |
| Milk Samples | 105 |
| " Detergent Samples for Bact Exam | 42 |
| " Bottles | 43 |
| Water Samples | 26 |
| Food and Drug Samples | 151 |
| Ice Cream Premises | 7 |
| Cinemas | 4 |
| Miscellaneous | 231 |

Total Visits 11,359

Summary of Sanitary Work Carried Out

| | | |
|---------|------------------------|-----|
| Houses: | Roofs | 252 |
| | Walls (External) | 40 |
| | Chimneys and Stacks | 30 |
| | Rainwater Pipes | 35 |
| | Eaves Guttering | 96 |
| | Yards and Passages | 3 |
| | Dampness Abated | 24 |
| | Wallplaster | 53 |
| | Ceilings | 55 |
| | Floors | 168 |
| | Windows | 105 |
| | Sashcords | 66 |
| | Additional Ventilation | 3 |
| | Stairs | 6 |

Summary of Sanitary Work Carried Out (Contd)

| | | |
|--|----------------------------|------|
| Houses: | Doors | 65 |
| | Cleansed | 19 |
| | Fireplaces | 29 |
| | Cooking Ranges | 30 |
| | Coppers | 12 |
| | Sinks (Repair and Renewal) | 7 |
| | Sink Waste Pipes | 25 |
| | Repairs to Water Supplies | 81 |
| | Food Stores Provided | 1 |
| | Overcrowding Abated | 1 |
| | Miscellaneous | 61 |
| Drainage: | Drains Cleared | 177 |
| | Drains Repaired | 23 |
| | New Drains | 6 |
| | Other Defects | 108 |
| Water Closets: | Repaired | 197 |
| | Cleansed | 3 |
| Dustbins: | New Provided | 15 |
| Miscellaneous: | Offensive Accumulations | 38 |
| | Vorminous Houses | 80 |
| | Animals | 11 |
| | Public Air Raid Shelters | 2 |
| | Schools | 6 |
| Contraventions: | Common Lodging Houses | 11 |
| | Dairies and Milkshops | 3 |
| | Food Premises | 1 |
| | Piggeries | 11 |
| | Factories | 5 |
| | Shops Acts | 4 |
| | Butcher's Premises | 1 |
| Total Defects Remedied | | 1969 |
| <u>Notices Served</u> | | |
| Informal Notices: | Public Health Acts | 749 |
| | Shops Acts | 5 |
| Statutory Notices: | | 68 |
| <u>Notices Complied With</u> | | 683 |
| <u>Action Taken under the Shops Acts and the</u> | | |
| <u>Young Persons (Employment) Act</u> | | |

404 visits were made.

5 Informal Notices were complied with and various minor contraventions rectified without notices being served.

Summary of Sanitary Work Carried Out (Contd.)

Camping Sites - No change

Smoke Abatement - No action required

Swimming Baths and Pools - No change. All water is filtered and chlorinated before it enters the Corporation Swimming Pool. Weekly tests were made during the season to check the percentage of free chlorine in the water.

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 | 6 | 31 | 37 |
| No. of houses disinfested | 6 | 31 | 37 |

Mosquito Control

Mosquitoes were much less troublesome during 1945 than they were during the war period when large areas of flooded land provided them with suitable breeding grounds. The much improved drainage of the Browndown Marshes and of Admiralty land in the Bridgemary and Fleetlands area should do much to reduce the mosquito nuisance in the future.

During the year 500 gallons of waste oil, 141 gallons of paraffin and 88 gallons of larvicide were used for this purpose. The waste oil is obtained free of charge from the Admiralty and the cost to the Corporation for wages, larvicide, paraffin and haulage was £229 - 16 - 11d.

From April 1945

~~Towards the end of the year~~ arrangements were made 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 and his services are bearing fruit already.

Rodent Control

One man was employed whole-time on rodent control work throughout the year. 184 complaints of infestations were received during the year and 276 premises were treated - 102 by the Council and 174 by the Occupier of the premises, these treatments resulting in 74 dead rats being found.

Summary of Sanitary Work Carried Out (Contd.)

Rodent Control (Contd.)

Sewer Treatment: Systematic treatment of the sewers in the Lee on Solent area of the borough was carried out - the First Treatment (118 manholes baited) on the 30th April and the Second Treatment (42 manholes baited) on the 28th May. The estimated number of rats killed was 420 for the First Treatment and 260 for the Second Treatment.

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) | 615 |
| (b) Number of inspections made for the purpose | 775 |
| 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 | Nil |
| (b) Number of inspections made for the purpose | Nil |
| 3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | Nil |
| 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. | 615 |

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

400

Housing (Contd.)

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 68

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

(a) By Owners 44

(b) By Local Authority in default of Owners Nil

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 15

(ii) Number of families dwelling therein 22

(iii) Number of persons dwelling therein 116

(b) Number of new cases of overcrowding reported during the year 9

(c) (i) Number of cases of overcrowding relieved during the year 1

(ii) Number of persons concerned in such cases 11

(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 1945

Total number of Houses demolished 393

New Houses Built during 1945

By the end of the year 44 Prefabricated Houses had been erected by the Local Authority.

SECTION E

Inspection and Supervision of Food

Milk Supply

Milk Sampling and Testing for the Year 1945

To comply with: The Milk (Special Designations) Regulations, 1936-43
and
The Heat-Treated Milk (Prescribed Tests) Order, 1944

| Class of Milk | Number of Samples Examined | Tests | Number of Samples | |
|-------------------|----------------------------|----------------|-------------------|--------|
| | | | Passed | Failed |
| Pasteurised | 48 | Phosphatase | 48 | - |
| | | Plate Count | 46 | 2 |
| T. T. Pasteurised | 6 | Phosphatase | 6 | - |
| | | Plate Count | 6 | - |
| Heat-Treated | 37 | Phosphatase | 31 | 6 |
| | | Methylene Blue | 27 | 10 |
| Tuberculin Tested | 12 | Methylene Blue | 10 | 2 |
| | | B. Coli | 10 | 2 |
| | | Bio. for T.B. | 12 | - |
| Raw Milk | 2 | Bio. for T.B. | 2 | - |

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

Milk Bottles

38 sample milk bottles (including 13 school 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) 25 of the bottles were satisfactory and 13 were unsatisfactory.

Cleansing Fluids 36 samples of fluid used for cleansing of bottles, utensils etc. were submitted for examination and 34 were satisfactory and 2 unsatisfactory.

Appropriate action was taken on all unsatisfactory reports.

Milk (Special Designations) Order

Licences issued by the Local Authority in 1945:-

| | |
|----------------------------|---|
| Pasteurisers | 2 |
| Distributors (Pasteurised) | 3 |
| " " Supplementary | 1 |
| " (T.T.) | 4 |
| " " Supplementary | 1 |
| Bottlers (T.T.) | 1 |

Inspection and Supervision of Food (Contd.)

Meat and Other Foods

During the year 31 pigs were slaughtered in the borough and examined: 1 pair of lungs were condemned and surrendered.

83 lbs. of Trimmings of Imported Pork (decomposition) and 12 lbs. Imported Lamb (mould) were condemned and surrendered.

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

| | | | | | |
|---------------------|-------------------|-------|-----------------|------------------|---------|
| Bacon | 65 | lbs. | Macaroni | 575 | lbs. |
| Beans | 7212 | " | Margarine | 24 | " |
| Biscuits (Ships) | 456 $\frac{1}{4}$ | cwts. | Mustard | 5 | " |
| Bread | 613 | lbs. | Noodles | 112 | " |
| Butter | 84 $\frac{1}{2}$ | " | Oatmeal | 5177 | " |
| Cabbage | 41 | bags | Oxo Cubes | 50 | " |
| Cake Mixture | 2 $\frac{1}{2}$ | lbs. | Peanut Butter | 49 | " |
| Cereals | 2248 | " | Pearl Barley | 495 | " |
| Cheese | 11 | " | Peas | 5936 | " |
| Chocolate Spread | 288 | jars | Pepper | 27 | " |
| Cocoa | 9 | lbs. | Pickles | 55 | jars |
| Coffee Essence | 50 | bots. | Pudding Mixture | 87 $\frac{1}{2}$ | lbs. |
| Dehydrated Potatoes | 320 | lbs. | " " | 507 | pkts. |
| Dried Egg | 66 | " | Rice | 2107 | lbs. |
| Dried Fruit | 34 $\frac{1}{2}$ | " | Rissole Mixture | 66 | " |
| Eggs | 1117 | " | Salt | 1262 | " |
| Fish | 88 | stone | Soup Powder | 91 | " |
| " | 90 | boxes | Suet | 28 | " |
| Fish Cakes | 6 | doz. | Swiss Rolls | 8 | " |
| Flour | 332 | lbs. | Tea | 32 $\frac{1}{4}$ | lbs. |
| Fruit Juice | 21 | pints | Tinned Goods | 2687 | tins |
| Gravy Browning | 240 | pkts | Watercress | 25 | baskets |

Food and Drugs Act, 1938

Samples taken by the Inspectors during the year:-

| <u>Article</u> | <u>Genuine</u> | <u>Unsatisfactory</u> | <u>Total</u> |
|----------------|----------------|-----------------------|--------------|
| Milk | 65 | 2(a) | 67 |
| Other Foods | 71 | 2(b) | 73 |
| Drugs | 11 | - | 11 |
| | 147 | 4 | 151 |

- (a) (i) Pork Sausages deficient in meat - Vendor Warned
(ii) Tinned Fish and Potato Roll - Stock withdrawn from sale.

- (b) (i) Test Sample
(ii) Formal sample from one churn taken on delivery; no action as average of whole consignment of good quality.

SECTION F

Prevalence of, and Control over, Infectious and Other Diseases

| | |
|---|---|
| <u>Scarlet Fever</u> | There were 92 cases of this disease compared with 49 in 1944. There were no deaths. |
| <u>Diphtheria</u> | Only 1 case and no deaths. |
| <u>Enteric Fever</u> (Includes Typhoid & Paratyphoid) | No cases. |
| <u>Ac. Poliomyelitis</u> | No cases |
| <u>Dysentery</u> | 7 cases (all Sonne's) - 6 in one household. No deaths. |
| <u>Pneumonia</u> | There were 31 cases compared with 43 in 1944. There were 25 deaths. |
| <u>Cerebro-spinal Fever</u> | There was 1 case compared with 5 in 1944. There were no deaths. |
| <u>Measles</u> | There were 557 cases compared with 469 in 1944. There was 1 death. |
| <u>Whooping Cough</u> | There were 122 cases compared with 209 in 1944. There were 3 deaths. |
| <u>Food Poisoning</u> | No cases |
| <u>Scabies</u> | Only 6 notifications were received during the year - 2 civilian and 4 service cases. In addition 66 school children were treated at the School Clinic for scabies during the year. This is only 1.09% of the school population and includes all doubtful cases. |

Our own Infectious Diseases Hospital was closed on the 12th May 1945 pending conversion into a Maternity Home. Since then cases of infectious disease in the Borough of Gosport requiring hospital treatment have been admitted to the City of Portsmouth Infectious Diseases Hospital under an agreement with that Authority. The number of cases admitted to the 31st December 1945 were as follows:-

| | |
|----------------|--|
| Scarlet Fever | 10 |
| Diphtheria | 6 (Diagnosis confirmed in 1 case only) |
| Chorea & Mumps | 1 |

The total cost was £252 - 18 - 2d at £3 - 14 - 6d per week per case for maintenance and £2 - 12 - 6d for Consultant's or Operation Fee.

Prevalence of, and Control over, Infectious and Other Diseases (Contd)

Immunisation against Diphtheria

Number of Children
Who had completed a full course of Immunisation
At any time up to 31st December, 1945

| Age at 31.12.45 ie. Born in Year | Under 1 1945 | 1 1944 | 2 1943 | 3 1942 | 4 1941 | 5 to 9 1936-40 | 10 to 14 1931-35 | Total under 15 |
|---|-----------------|-----------|-----------|-----------|-----------|-------------------|---------------------|-------------------|
| Number Immunised | - | 302 | 380 | 394 | 377 | 2,017 | 2,116 | 5,586 |
| Estimated mid-year population 1945 | 4,490 | | | | | 6,910 | | 11,400 |

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 1945

| Disease | Total Cases Notified | Total cases Admitted to | | Total Deaths |
|-----------------------|----------------------------|--------------------------------|--------------------|-----------------|
| | | Blake Isolation Hospital | Other Hospitals | |
| Scarlet Fever | 92 | - | 13 | - |
| Diphtheria | 1 | 1 | - | - |
| Measles | 557 | 1 | 15 | 1 |
| Whooping Cough | 122 | 1 | - | 3 |
| Pneumonia | 31 | 2 | 3 | 25 |
| Cerebro-spinal Fever | 1 | 1 | - | - |
| Dysentery | 7 | 5 | - | - |
| Ophthalmia Neonatorum | 7 | - | - | - |
| Puerperal Pyrexia | 4 | - | 1 | 1 |
| Erysipelas | 9 | - | - | - |
| Malaria B.T. | 3 | - | 3 | - |
| Observation | - | 3 | 7 | - |
| Totals | 834 | 14 | 42 | 30 |

Prevalence of, and Control over, Infectious and Other Diseases (Contd)

Tuberculosis

New Cases and Mortality during 1945

| Age | NEW CASES - 99 | | | | DEATHS - 31 | | | |
|-------------|----------------|----|---------------|---|-------------|----|---------------|---|
| | Pulmonary | | Non-pulmonary | | Pulmonary | | Non-pulmonary | |
| | M | F | M | F | M | F | M | F |
| Under 1 yr | - | - | - | - | - | - | - | - |
| 1 - 4 yrs | 4 | 2 | 2 | 1 | - | 2 | - | 1 |
| 5 - 14 " | 1 | - | 2 | 2 | - | - | - | - |
| 15 - 24 " | 8 | 11 | 3 | - | 2 | 4 | - | - |
| 25 - 34 " | 8 | 11 | 1 | 1 | 6 | 4 | - | - |
| 35 - 44 " | 15 | 9 | 2 | - | 2 | 3 | - | - |
| 45 - 54 " | 8 | 3 | 1 | - | 4 | 1 | - | - |
| 55 - 64 " | 3 | 1 | - | - | 2 | - | - | - |
| 65 and over | - | - | - | - | - | 1 | - | - |
| Totals | 47 | 37 | 11 | 4 | 16 | 15 | - | 1 |

Tuberculosis Death Rate

Pulmonary 0.76 per 1,000 population
 Other Forms 0.02 " " "
 All Forms 0.78 " " "

Ratio of Non-notified deaths to total deaths: 3 : 31

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

202

Number admitted to Sanatoria or as in-patients to
 any Hospital under the County Council Scheme... 54

INFECTIOUS DISEASES

Cases Notified During 1945

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 - | 4 | 2 | | | 10 | 7 | 17 | 15 |
| 1 - | 7 | 4 | | | 19 | 17 | 86 | 63 |
| 3 - | 24 | 22 | | | 22 | 13 | 75 | 90 |
| 5 - | 6 | 8 | | | 11 | 22 | 89 | 77 |
| 10 - | 1 | 1 | | 1 | | 1 | 13 | 10 |
| 15 - | | 1 | | | | | 1 | 5 |
| 25 & over..... | | | | | | | | |
| Age unknown..... | | | | | | | | |
| Total Civilians... | 42 | 46 | - | 1 | 62 | 60 | 281 | 261 |
| Non-Civilians | | | | | | | | |
| 15 - | 1 | | | | | | 3 | 4 |
| 25 & over (or N.K.) | 1 | 2 | | | | | 4 | 4 |
| Total Non-Civilians | 2 | 2 | - | - | - | - | 7 | 8 |
| Ages etc. (N.K. - Age unknown) | Pneumonia | | C.S.Fever | | Dysentery | | Erysipelas | |
| | M | F | M | F | M | F | M | F |
| 0 - | 6 | 10 | | | 1 | 1 | | |
| 5 - | 1 | 2 | | | 3 | 1 | | |
| 15 - | | 2 | | | | | | |
| 45 - | 6 | 2 | | 1 | 1 | | 2 | 1 |
| 65 & over..... | | 1 | | | | | 1 | 3 |
| Age unknown..... | | 1 | | | | | 2 | |
| Total Civilians... | 13 | 18 | - | 1 | 5 | 2 | 5 | 4 |
| Non-Civilians | | | | | | | | |
| 15 - (or N.K.)..... | | | | | | | | |
| 45 & over..... | | | | | | | | |
| Total Non-Civilians | - | - | - | - | - | - | - | - |
| Civilians | M | F | Non-civilians | | Non-civilians | | M | F |
| Puerperal Pyrexia | - | 4 | | | | | | |
| Ophthalmia Neonatorum | 4 | 3 | | | | | | |
| | | | | | | | Malaria B.T. | 3 |
| | | | | | | | | - |

| Year | COMPARATIVE BIRTH RATE | | | COMPARATIVE DEATH RATE | | |
|------|-----------------------------|---|---|-----------------------------|---|---|
| | Population No. of (R.G.) | Births per 1,000 population GOSFORT | Birth Rate per 1,000 population England & Wales | Population No. of (R.G.) | Deaths per 1,000 population GOSFORT | Death Rate per 1,000 population England & Wales |
| 1916 | 29,392 | 742 | 25.24 | 27,014 | 373 | 13.8 |
| 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 | 40,870 | 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 | 485 | 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 |

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

| Year | GOSPORT | | | | | England & Wales | | |
|------|---------|-----|-------|--------|------------|-----------------|-----|-------|
| 1916 | 70.0 | per | 1,000 | births | registered | 91 | per | 1,000 |
| 1917 | 66.4 | " | " | " | " | 97 | " | " |
| 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 | " | " |

CAUSES of DEATH in GOSPORT during 1945

| <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 | 1 | 2 | 3 |
| 5. Diphtheria | - | - | - |
| 6. Tuberculosis of Respiratory System | 16 | 15 | 31 |
| 7. Other Forms of Tuberculosis | - | 1 | 1 |
| 8. Syphilitic Diseases | 1 | - | 1 |
| 9. Influenza | - | - | - |
| 10. Measles | 1 | - | 1 |
| 11. Ac. Polio-myelitis and Polio-encephalitis | - | - | - |
| 12. Ac. Inf. Encephalitis | - | - | - |
| 13. Cancer of Buccal Cavity and | | | |
| Oesophagus (M)/Uterus (F) | 9 | 6 | 15 |
| 14. " " Stomach and Duodenum | 6 | 5 | 11 |
| 15. " " Breast | - | 8 | 8 |
| 16. " " All Other Sites | 24 | 21 | 45 |
| 17. Diabetes | 3 | - | 3 |
| 18. Intra-cranial Vascular Lesions | 18 | 29 | 47 |
| 19. Heart Disease | 64 | 49 | 113 |
| 20. Other Diseases of Circulatory System | - | 2 | 2 |
| 21. Bronchitis | 10 | 11 | 21 |
| 22. Pneumonia | 11 | 14 | 25 |
| 23. Other Respiratory Diseases | 6 | 5 | 11 |
| 24. Ulcer of Stomach or Duodenum | 9 | - | 9 |
| 25. Diarrhoea under 2 years | 3 | 2 | 5 |
| 26. Appendicitis | 4 | - | 4 |
| 27. Other Digestive Diseases | 7 | 9 | 16 |
| 28. Nephritis | 13 | 6 | 19 |
| 29. Puerperal and Post-abortive Sepsis | - | 1 | 1 |
| 30. Other Maternal Causes | - | - | - |
| 31. Premature Birth | 10 | 1 | 11 |
| 32. Congenital Malformation; Birth Injury; | | | |
| Infantile Diseases | 9 | 6 | 15 |
| 33. Suicide | 3 | 2 | 5 |
| 34. Road Traffic Accidents | 1 | 2 | 3 |
| 35. Other Violent Causes | 7 | 4 | 11 |
| 36. All Other Causes | 14 | 22 | 36 |
| | <u>250</u> | <u>223</u> | <u>473</u> |

Deaths of Infants under 1 year:-

| | | | |
|--------------|-----------|-----------|-----------|
| Legitimate | 27 | 13 | 40 |
| Illegitimate | 1 | 2 | 3 |
| | <u>28</u> | <u>15</u> | <u>43</u> |

BIRTH-RATES, CIVILIAN DEATH-RATES, ANALYSIS of MORTALITY
MATERNAL MORTALITY, and CASE-RATES for certain
INFECTIOUS DISEASES in the Year 1945

| | 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 | 16.1 (a) | 19.1 | 19.2 | 15.7 | 26.27 |
| Still | 0.46(a) | 0.58 | 0.53 | 0.40 | 0.62 |
| <u>Deaths</u> | | | | | |
| All Causes | 11.4 (a) | 13.5 | 12.3 | 13.8 | 11.68 |
| 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 | 0.01 | 0.02 | 0.07 |
| Diphtheria | 0.02 | 0.02 | 0.02 | 0.01 | - |
| Influenza | 0.08 | 0.07 | 0.07 | 0.07 | - |
| Smallpox | - | - | - | - | - |
| Measles | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |
| <u>Notifications</u> | | | | | |
| Typhoid Fever | 0.01 | 0.01 | 0.01 | 0.01 | - |
| Paratyphoid Fever | 0.01 | 0.00 | 0.01 | 0.00 | - |
| C. S. Fever | 0.05 | 0.05 | 0.05 | 0.06 | 0.02 |
| Scarlet Fever | 1.89 | 2.02 | 2.03 | 1.57 | 2.17 |
| Whooping Cough | 1.64 | 1.65 | 1.47 | 1.25 | 3.01 |
| Diphtheria | 0.46 | 0.52 | 0.56 | 0.31 | 0.02 |
| Erysipelas | 0.25 | 0.28 | 0.24 | 0.31 | 0.22 |
| Smallpox | 0.00 | 0.00 | - | 0.00 | - |
| Measles | 11.67 | 10.89 | 11.19 | 9.03 | 13.39 |
| Pneumonia | 0.87 | 1.03 | 0.72 | 0.78 | 0.76 |
| Rates per 1000 Live Births:- | | | | | |
| Deaths under 1 yr | 46 (b) | 54 | 43 | 53 | 40 |
| Deaths from Diarr- hoea & Enteritis under 2 years | 5.6 | 7.8 | 4.5 | 7.6 | 4.7 |
| Rates per 1000 Total (Live & Still) Births:- | | | | | |
| <u>Notifications</u> | | | | | |
| Puerperal Fever) | 9.93 | 12.65 | 8.81 | 3.60 | 3.68 |
| Puerperal Pyrexia) | | | | 15.87(c) | |
| Maternal Mortality | 1.79 | | | | 0.93 |
| <u>Abortion</u> Mortality per million women aged 15 - 45 :- | | | | | |
| With Sepsis | 18 | | | | |
| Without Sepsis | 6 | | | | |

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

MONTHLY WEATHER SUMMARY for the YEAR 1945

| Month | Mean Baro-meter (ins) | TEMPERATURE | | | | | | SUNSHINE | | RAINFALL | | | Rel. Humidity (Sat. 100) |
|-------|-----------------------|-------------|----------|---------|---------|---------|-----------------------|-------------|-------------------------|------------|-------------|--------------------------|--------------------------|
| | | Mean (F) | Absolute | | Mean | | Total Daily Range (F) | Total Hours | Days of 0.5 hrs or more | Total (mm) | Total (ins) | Days of 0.01 ins or more | |
| | | | Max (F) | Min (F) | Max (F) | Min (F) | | | | | | | |
| | | | | | | | | | | | | | |
| Jan | 29.829 | 34.6 | 49 | 17 | 39.9 | 29.4 | 69.7 | - | 33.0 | 1.30 | 12 | 66 | |
| Feb | 30.100 | 45.7 | 58 | 32 | 50.5 | 40.9 | 76.2 | - | 38.0 | 1.50 | 14 | 77 | |
| Mar | 30.307 | 47.0 | 63 | 31 | 53.7 | 40.4 | 155.0 | - | 15.0 | 0.60 | 9 | 77 | |
| Apr | 30.015 | 50.7 | 77 | 32 | 59.2 | 43.3 | 219.0 | - | 28.0 | 1.12 | 9 | 69 | |
| May | 29.864 | 56.5 | 78 | 33 | 63.6 | 49.4 | 201.5 | 30 | 51.0 | 2.00 | 11 | 76 | |
| June | 30.003 | 60.4 | 81 | 47 | 66.7 | 54.1 | 219.0 | 27 | 50.1 | 1.97 | 12 | 74 | |
| July | 29.976 | 61.2 | 81 | 53 | 71.0 | 51.4 | 218.5 | 27 | 83.0 | 3.23 | 10 | 83 | |
| Aug | 29.858 | 63.3 | 80 | 52 | 70.2 | 56.4 | 182.1 | 28 | 39.0 | 1.52 | 12 | 80 | |
| Sept | 30.022 | 60.6 | 73 | 45 | 66.2 | 55.1 | 99.5 | 22 | 41.0 | 1.62 | 19 | 81 | |
| Oct | 30.038 | 56.2 | 72 | 44 | 62.4 | 50.0 | 133.3 | 24 | 77.9 | 3.06 | 9 | 78 | |
| Nov | 30.006 | 48.2 | 62 | 35 | 55.0 | 43.4 | 73.1 | 18 | 12.7 | 0.50 | 8 | 76 | |
| Dec | 29.763 | 43.7 | 56 | 27 | 48.3 | 39.2 | 51.0 | 21 | 104.1 | 4.06 | 17 | 73 | |
| Total | - | - | - | - | - | - | 1689.9 | 197 | 572.8 | 22.51 | 142 | - | |
| Mean | 29.982 | 52.3 | 69.1 | 37.3 | 58.6 | 46.1 | 140.8 | 24.6 | 47.7 | 1.87 | 11.8 | 75 | |

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

