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# Annual Report

On the Health of the  
Borough of Newport,  
Isle of Wight,  
for the year 1937.



BY

W. S. WALLACE, M.C., M.B., Ch.B., D.P.H.,  
Medical Officer of Health.

PRESENTED TO THE CORPORATION  
THROUGH THEIR COMMITTEE,  
JUNE, 1938.

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ISLE OF WIGHT:

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BOROUGH OF NEWPORT.

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PUBLIC HEALTH COMMITTEE.

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MR. COUNCILLOR RUSSELL (*Chairman*).

THE MAYOR (COUNCILLOR WELSH).

MR. ALDERMAN DEACON.

COUNCILLOR CAPT. BROWN.

COUNCILLOR CAPT. MEW.

MR. COUNCILLOR CHIVERTON.

” ” DOWNER.

” ” KING.

” ” LOCKHART.

” ” LOWER.

” ” SALTER.

” ” SMITH.

” ” WHITEHEAD.

” ” WISE.

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*Medical Officer of Health :*

W. S. WALLACE, M.C., M.B., CH.B., D.P.H.

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*Sanitary Inspector :*

ALFRED F. HART, CERT. ROYAL SAN. INST.

ANNUAL REPORT  
ON THE  
HEALTH OF THE URBAN SANITARY DISTRICT  
OF  
NEWPORT, ISLE OF WIGHT.

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NEWPORT HOUSE,  
CROCKER STREET,  
NEWPORT, I.W.

*June, 1938.*

*To the Urban Sanitary Authority, the Town Council of  
the Borough of Newport, Isle of Wight.*

MR. MAYOR, LADY, AND GENTLEMEN,

I have the honour to present to you my twelfth Annual Report on the Sanitary Circumstances, Sanitary Administration, and Vital Statistics of the Borough for the year 1937.

The Report follows the lines suggested by the Ministry of Health (Circular 1650) and is an "ordinary" one.

I am, Mr. Mayor, Lady, and Gentlemen,

Your obedient Servant,

W. S. WALLACE.

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## SECTION A.

## GENERAL STATISTICS.

|   |          |
|---|----------|
| Area (in acres) ... ..  | 15,530   |
| Population (estimated 1937) ... ..                                | 19,830   |
| Number of Inhabited Houses (end of 1937) per<br>rate books ... .. | 5,027    |
| Rateable Value ... ..   | £124,111 |
| Sum represented by a Penny Rate ... ..                            | £495     |

## EXTRACTS FROM VITAL STATISTICS.

|   | Total | Male | Female |
|---|-------|------|--------|
| Live Births—  |       |      |        |
| Legitimate ...  | 271   | 154  | 117    |
| Illegitimate ...  | 18    | 11   | 7      |
| Birth Rate per 1000 of the estimated resident population              | 14.6  |      |        |
| Still Births—   |       |      |        |
| Legitimate ...  | 12    | 7    | 5      |
| Illegitimate ...  | 2     | 1    | 1      |
| Rate per 1000 total (live and still) births ...                       | 46.2  |      |        |
| Deaths ...  | 255   | 137  | 118    |
| Death Rate per 1000 of the estimated resident population              | 12.9  |      |        |
| Death from diseases and accidents of pregnancy and child-<br>birth :— |       |      |        |
| From Puerperal Sepsis ...   | Nil.  |      |        |
| From other puerperal causes ...                                       | Nil.  |      |        |
| Rate per 1000 total (live and still births)                           | Nil.  |      |        |
| Death Rate of Infants under 1 year of age :—                          |       |      |        |
| All infants per 1000 live births ...                                  | 48.4  |      |        |
| Legitimate infants per 1000 legitimate live births                    | 40.6  |      |        |
| Illegitimate infants per 1000 illegitimate live<br>births ... ..      | 166.7 |      |        |
| Deaths from Measles (all ages) ...                                    | Nil.  |      |        |
| Deaths from Whooping Cough (all ages) ...                             | Nil.  |      |        |
| Deaths from Diarrhoea (under 2 years of age) ...                      | 2     |      |        |



## BIRTHS.

There were 303 births in the Borough during the year, viz., 173 males and 130 females. Of these, 11 males and 7 females were illegitimate. This gives a birth rate of 15.3 per 1000 living; the birth rate for England and Wales being 15.5.

## DEATHS.

The total number of deaths after allowing for inward and outward transfers was 255. This gives a crude death rate of 12.9 per 1000 of the estimated resident population. The Registrar-General publishes a comparability factor of 0.81, and if this is used it gives a comparative death rate of 10.4; the death rate for England and Wales being 12.4.

## INFANT MORTALITY.

The number of deaths under one year was 14. This gives an Infantile Mortality rate of 48.4 per 1000 registered live births; the rate for England and Wales generally was 58.

## CAUSES OF DEATHS.

The causes of the 255 deaths were as follows :—

| <i>Causes of Death.</i>  |     |     |     |     | <i>Males</i> | <i>Females</i> |
|--|-----|-----|-----|-----|--------------|----------------|
| ALL CAUSES   | ... | ... | ... | ... | 137          | 118            |
| 1 Typhoid and paratyphoid fevers                               |     |     |     |     | —            | —              |
| 2 Measles  | ... | ... | ... | ... | —            | —              |
| 3 Scarlet fever  | ... | ... | ... | ... | —            | —              |
| 4 Whooping cough   | ... | ... | ... | ... | —            | 2              |
| 5 Diphtheria   | ... | ... | ... | ... | —            | —              |
| 6 Influenza  | ... | ... | ... | ... | 1            | 2              |
| 7 Encephalitis lethargica                                      | ... | ... | ... | ... | —            | —              |
| 8 Cerebro-spinal fever   | ... | ... | ... | ... | —            | 1              |
| 9 Tuberculosis of respiratory system                           |     |     |     |     | 5            | 3              |
| 10 Other tuberculous diseases                                  |     |     |     | ... | —            | 2              |
| 11 Syphilis  | ... | ... | ... | ... | 2            | 1              |
| 12 General paralysis of the insane,<br>tabes dorsalis          | ... | ... | ... | ... | 1            | —              |
| 13 Cancer, malignant disease                                   |     |     |     | ... | 17           | 18             |
| 14 Diabetes  | ... | ... | ... | ... | 3            | 3              |
| 15 Cerebral hemorrhage, etc.                                   |     |     |     | ... | 12           | 10             |
| 16 Heart disease   | ... | ... | ... | ... | 36           | 31             |
| 17 Aneurysm  | ... | ... | ... | ... | 1            | 1              |
| 18 Other circulatory diseases                                  |     |     |     | ... | 9            | 5              |
| 19 Bronchitis  | ... | ... | ... | ... | 6            | 4              |
| 20 Pneumonia (all forms)                                       | ... | ... | ... | ... | 1            | 4              |
| 21 Other respiratory diseases                                  |     |     |     | ... | 2            | —              |
| 22 Peptic Ulcer  | ... | ... | ... | ... | 1            | —              |
| 23 Diarrhoea, etc. (under 2 years)                             |     |     |     | ... | 2            | —              |
| 24 Appendicitis  | ... | ... | ... | ... | 1            | 1              |
| 25 Cirrhosis of liver  | ... | ... | ... | ... | 1            | —              |
| 26 Other diseases of liver, etc.                               |     |     |     | ... | 1            | 2              |
| 27 Other digestive diseases                                    | ... | ... | ... | ... | 3            | 4              |
| 28 Acute and chronic nephritis                                 |     |     |     | ... | 2            | —              |
| 29 Puerperal sepsis  | ... | ... | ... | ... | —            | —              |
| 30 Other puerperal causes                                      | ... | ... | ... | ... | —            | —              |
| 31 Congenital debility, premature<br>birth malformations, etc. |     |     |     | ... | 9            | —              |
| 32 Senility  | ... | ... | ... | ... | 6            | 14             |
| 33 Suicide   | ... | ... | ... | ... | 3            | 1              |
| 34 Other violence  | ... | ... | ... | ... | 5            | 2              |



| <i>Causes of Death.</i>                             | <i>Males</i> | <i>Females</i> |
|---|--------------|----------------|
| 35 Other defined diseases ... ..                    | 7            | 7              |
| 36 Causes ill defined or unknown ...                | —            | —              |
| SPECIAL CAUSES (included in No. 35<br>above) ... .. |              |                |
| Small-pox ... ..                                    | —            | —              |
| Poliomyelitis ... ..                                | —            | —              |
| Polioencephalitis ... ..                            | —            | —              |

## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES.

#### 1. (i) PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health and School Medical Officer :  
W. S. Wallace, M.B., CH.B., D.P.H.

Dental Surgeon (part time) : Miss F. D. Cooper, L.D.S.

Veterinary Surgeon (part time) : J. Cowper Blake, M.R.C.V.S.,  
F.E.V.M.S.

Sanitary and Meat and Food Inspector : A. F. Hart, A.R.S.I.,  
Cert. Royal Sanitary Institute.

#### (ii) SERVICES PROVIDED.

##### (a) Laboratory facilities.

These are unchanged since my last Report.

##### (b) Ambulance Facilities.

Three ambulances are available in the Borough, one of which is the property of the British Red Cross Society, one of the Public Assistance Committee of the County Council, and one of the Isle of Wight Joint Hospital Board. None of these is solely used in the Borough itself.

(c) Nursing in the Home.

This is carried out by the nurses of Newport District Nursing Association and the Council has not yet found it necessary to supplement these.

(d) Treatment Centres and Clinics.

The sanitary authority have no clinics or treatment centres under their own jurisdiction, but a school clinic for diagnosis and consultation is administered by the Borough Education Committee.

Other clinics and treatment centres are administered by the County Council and consist of ante- and post-natal clinics, male and female tuberculosis clinics, a mental welfare clinic, and male and female venereal diseases treatment centres. All these are held in the Borough.

(e) The hospitals in the Borough are St. Mary's Hospital, Parkhurst, administered by the Public Assistance Committee of the County Council, and the Infectious Diseases Hospital, administered by the Isle of Wight Joint Hospital Board.

## **SECTION C.**

### **SANITARY CIRCUMSTANCES OF THE AREA.**

1. (i) The Borough is fortunate in having such a good water supply which has always been above suspicion. The invariable excellence of the analyst's report is satisfactory but must not lead to complacency. Chalk, although it bears a palatable and pure water, is peculiarly liable to faults and thus pollution from a distant source has to be guarded against.

The new supply at Bowcombe is not yet ready for distribution, but will prove a useful adjunct to the Idlecombe supply.



Appended herewith is the latest analysis, by the Counties Public Health Laboratories, of the Borough Water supply dated 2nd June, 1937.

# RESULTS.

## (a) CHEMICAL in parts per 100,000.

|  |                  |                        |                 |
|--|------------------|------------------------|-----------------|
| Appearance                                     | Clear and bright |                        |                 |
| Colour   | Normal           | Odour Nil.             |                 |
| Reaction pH                                    | Neutral 7.5      | Free Carbonic Acid 2.0 |                 |
| Electric Conductivity<br>at 20 degrees C.      | ...              | 440                    |                 |
| Total Solids                                   |                  |                        |                 |
| 180 degrees C.                                 | ...              | 29.0                   |                 |
| Chlorine in Chlorides                          | ...              | 3.0                    |                 |
| Nitrogen in Nitrates                           | ...              | 0.32                   | Nitrites Absent |
| Hardness : Permanent                           |                  | 4.0                    |                 |
| Temporary                                      |                  | 16.0                   |                 |
| Total  | ...              | 20.0                   |                 |
| Metals ...                                     | ...              | ...                    | Absent          |
| Free Ammonia                                   | ...              | 0.0000                 |                 |
| Albuminoid Ammonia                             |                  | 0.0000                 |                 |
| Oxygen absorbed in 4<br>hours at 80 degrees F. |                  | 0.0050                 |                 |

## (b) BACTERIOLOGICAL.

### No. of bacteria per c.c.

|                    |                               |     |    |
|--------------------|-------------------------------|-----|----|
| On Gelatine        | 3 days at 20 degrees C.       | ... | 45 |
| On Agar            | 1 day at 37 degrees C.        | ... | 22 |
| The Bacillus Coli. | Present in—Absent in 100 c.c. |     |    |
| Bacillus Welchii.  | Present in—Absent in 100 c.c. |     |    |

## REPORT.

This is a clear and bright water of normal colour and neutral in reaction. It is hard in character, though not unduly so, is free from metals or excess of saline matter and is of a very high standard of organic quality.

Bacteriologically also the water is of a high degree of purity and is pure and wholesome, suitable for public supply purposes.

## (ii) DRAINAGE AND SEWERAGE.

The new sewage disposal works at North Fairlee was opened during the year and is functioning satisfactorily. The effluent is good and although there has been some complaint of unpleasant smells from the works, it is hoped that when more experience is gained in the best way of dealing with the sludge that these will cease. Meanwhile pollution of the river by the town sewage is reduced to a minimum.

The small plants at Dodnor and Gunville, which are of modern type, are functioning well.

## 2. RIVERS AND STREAMS.

Beyond the purification of sewage by the various works in the Borough, no special action to prevent pollution of streams has been found necessary.

## 3. (i) CLOSET ACCOMMODATION.

There is nothing new to report about this matter.

## 3. (ii) PUBLIC CLEANSING.

There is no alteration or extension to report in this.



## (iii) SANITARY INSPECTION OF THE AREA.

The report of the Sanitary Inspector will be found at the end of this report. Appended herewith is a tabular statement of the work done by the Sanitary Staff.

TABULAR STATEMENT BY THE SANITARY INSPECTOR.

|                      | Number of<br>Inspections<br>made. | Defects<br>Found. | Notices.  |         | Notices<br>Complied<br>with. |
|----------------------|-----------------------------------|-------------------|-----------|---------|------------------------------|
|                      |                                   |                   | Informal. | Formal. |                              |
| Slaughter-houses ... | 456                               | —                 | 26        | —       | <b>26</b>                    |
| Foodshops ...        | 103                               | —                 | —         | —       | —                            |
| Dairies ...          | 34                                | 3                 | 3         | —       | 3                            |
| Factories ...        | 62                                | 11                | 11        | —       | 11                           |
| Workshops ...        | 14                                | —                 | —         | —       | —                            |
| Workplaces ...       | 18                                | —                 | —         | —       | —                            |
| Bakehouses ...       | 5                                 | —                 | 23        | —       | 23                           |
| Nuisances ...        | 158                               | 155               | 155       | 3       | 155                          |
| Lavatories inspected | 76                                | —                 | —         | —       | —                            |
| Drains Cleared ...   | 39                                | —                 | —         | —       | —                            |
| Houses ...           | 376                               | 224               | 224       | 11      | 217                          |
| Disinfections ...    | 39                                | —                 | —         | —       | —                            |
| New Buildings ...    | 303                               | —                 | —         | —       | —                            |
|                      | 1683                              | 393               | 442       | 14      | 435                          |

## (iv) SHOPS.

No action has yet been found necessary with regard to the Shop Act, 1934, except on the question of sanitary conveniences.

## (v) SMOKE ABATEMENT.

No action has been found necessary during the year.

## (vi) SWIMMING BATHS AND POOLS.

There are no public baths in the borough or any privately owned swimming pools. The open-air swimming pool belonging to the borough was very well patronised during the summer months and was under constant supervision. Fortnightly analyses were made and these were invariably reported on as satisfactory. A full report on the purification was given in the annual report for 1936.

## (vii) ERADICATION OF BED BUGS.

No alteration in the methods of dealing with these pests has been made during the year, nor has there been any large movement of new tenants to Council houses.

The number of houses found infected with bed bugs was : Council houses four ; others four.

The number of houses disinfected was : Council houses, four ; others, four.

## 4. SCHOOLS.

The sanitary condition and water supply of these are good. No schools were closed for infectious disease during 1936.

**SECTION D.****HOUSING.**

## 1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR :

|   |     |
|---|-----|
| (1) (a) Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts) ... .. | 224 |
| (b) Number of inspections made for the purpose ... ..   | 376 |



|  |    |
|--|----|
| (2) (a) Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... ..     | 43 |
| (b) Number of inspections made for the purpose ... ..  | 94 |
| (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation  | 1  |
| (4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... | 43 |

## 2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :—

|  |    |
|--|----|
| Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers ... | 36 |
|--|----|

## 3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :—

### A. Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :—

|   |   |
|---|---|
| (1) Number of dwellinghouses in respect of which notices were served requiring repairs  | 5 |
| (2) Number of dwellinghouses which were rendered fit after service of formal notices :— |   |
| (a) By owners ... ..  | 5 |
| (b) By local authority in default of owners ... ..                                      | — |

## B. Proceedings under Public Health Acts :—

|   |        |   |
|---|--------|---|
| (1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied | ... .. | 6 |
| (2) Number of dwellinghouses in which defects were remedied after service of formal notices :—        |        |   |
| (a) By owners   | ... .. | 6 |
| (b) By local authority in default of Owners   | ... .. | — |

## C. Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

|  |        |   |
|--|--------|---|
| (1) Number of dwellinghouses in respect of which Demolition Orders were made | ...    | 1 |
| (2) Number of dwellinghouses demolished in pursuance of Demolition Orders    | ... .. | — |

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

## 4. HOUSING ACT, 1936, OVERCROWDING :—

|  |        |     |
|--|--------|-----|
| (a) (1) Number of dwellings overcrowded at the end of the year   | ... .. | 39  |
| (2) Number of families dwelling therein                          |        | 39  |
| (3) Number of persons dwelling therein                           |        | 233 |
| (b) Number of new cases of overcrowding reported during the year | ... .. | —   |
| (c) (1) Number of cases of overcrowding relieved during the year | ... .. | 2   |
| (2) Number of persons concerned in such cases                    | ... .. | 6   |



- (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 ... —

#### SLUM CLEARANCE.

No further slum clearance was carried out during the year. For reasons outside the control of the Health Department the necessary land for building was not made available, consequently none of the houses necessary to relieve overcrowding or for rehousing has been built.

### SECTION E.

#### INSPECTION AND SUPERVISION OF FOOD.

##### (a) MILK SUPPLIES.

The standard of cleanliness in milk production is still improving and all producers are now alive to the precautions necessary to prevent the contamination of milk by bad methods of production.

Inspections under the Milk and Dairies Order, 1926, and the Milk (Special Designations) Order, 1936, have been carried out at intervals throughout the year.

Two Tuberculin Tested producers and eight Accredited producers supply milk in the Borough.

##### (b) MEAT AND OTHER FOODS.

The inspection and supervision of these is adequately carried out as will be seen by the Sanitary Inspector's Report.

##### (c) NUTRITION.

During the year frequent lectures on health subjects and nutrition were given by the County Public Health Staff at Infant Welfare Centres, Women's Institutes, etc., and throughout the year posters have been displayed on public hoardings.

The Public Health Committee jointly with the Education Committee and with the co-operation and assistance of the Milk Marketing Board held a Milk Day in Newport in April. A cinema was hired where films relating to the value of milk were shown. Two shows were given for schoolchildren and one for adults. At each of these a talk was given on the value of milk as a food. In addition, two milk cookery demonstrations were held. As a result of this effort there was a distinct but unfortunately only temporary increase in the amount of milk drunk in the schools.

(f) SHELL FISH.

No action was taken during the year under the Public Health (Shell Fish) Regulations, 1934, or the Public Health (Cleansing of Shell Fish) Act, 1932.

## SECTION F.

### PREVENTION OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

After some years of comparative immunity from Diphtheria that disease again became prevalent in the Borough in 1937. A small but sharp epidemic commenced in one of the Infant Schools in October, and continued until the end of November. One little girl was found to be a virulent "carrier" although she showed no symptoms of the disease. Subsequently two other children were found to be harbouring the *Bacillus* of Diphtheria in the throat or nose without symptoms. Fortunately the disease was moderately mild and there were no fatal cases. The monthly incidence of the disease is shown in the following table :—

| Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. |
|------|------|-------|-------|-----|------|------|--------|-------|------|------|------|
| 1    | —    | 1     | 1     | —   | 1    | —    | 1      | —     | 6    | 13   | 4    |



Twenty cases of Scarlet Fever were notified during the year. All cases were exceptionally mild.

Only cases of Scarlet Fever which cannot be nursed and isolated adequately at home are admitted to hospital. This lessens the strain on the accommodation and enables beds to be used for the treatment of severe cases of Measles, Whooping Cough, etc., for which no other hospital accommodation is available.

The average duration of stay of Scarlet Fever patients in the Isolation Hospital was 29·4 days. Uncomplicated cases are discharged not later than 28 days after admission, and in one or two cases the duration of stay was reduced to three weeks without any ill effect either to the patient or the public. No "return" cases were notified.

No action was taken towards artificial immunisation against Diphtheria.

From the weekly returns of head teachers of the number of absences from non-notifiable infectious diseases it will be seen that Whooping Cough, Chicken Pox, and Mumps were prevalent during the year.

|                |     |     |     |     |
|----------------|-----|-----|-----|-----|
| Mumps          | ... | ... | ... | 31  |
| Measles        | ... | ... | ... | 3   |
| Chicken Pox    | ... | ... | ... | 83  |
| Whooping Cough | ... | ... | ... | 88  |
| German Measles | ... | ... | ... | 1   |
| Ringworm       | ... | ... | ... | —   |
|                |     |     |     | 206 |

No provision is available for the cleansing of verminous adults, but verminous children are cleansed at the School Clinic by the Local Education Authority.

**NOTIFIABLE DISEASES (Other than Tuberculosis)**

DURING THE YEAR 1937.

| Disease.  | Total Cases<br>Notified. | Cases admitted<br>to Hospital. | Total<br>Deaths. |
|---|--------------------------|--------------------------------|------------------|
| Smallpox ...                                      | —                        | —                              | —                |
| Scarlet Fever ...                                 | 20                       | 11                             | —                |
| Diphtheria ...                                    | 28                       | 28                             | —                |
| Enteric Fever<br>(including Para-<br>typhoid) ... | —                        | —                              | —                |
| Puerperal Fever                                   | 1                        | 1                              | —                |
| Puerperal Pyrexia                                 | 1                        | 1                              | —                |
| Pneumonia ...                                     | 5                        | —                              | —                |
| Other diseases gen-<br>erally notifiable          |                          |                                |                  |
| <i>Erysipelas</i> ...                             | 16                       | —                              | —                |
| <i>Encephalitis</i> ...                           | —                        | —                              | —                |
| <i>Lethargica</i> ...                             | —                        | —                              | —                |
| <i>Poliomyelitis</i>                              | 2                        | 2                              | —                |
| <i>Cerebro Spinal</i><br><i>Meningitis</i> ...    | 1                        | 1                              | 1                |
| Other Diseases                                    |                          |                                |                  |
| Notifiable locally                                | —                        | —                              | —                |
|   | 74                       | 44                             | 1                |

## AGE AT DATE OF NOTIFICATION.

| Age.        | Scarlet<br>Fever. | Diphtheria. | Puerperal<br>Fever. | Puerperal<br>Pyrexia. | Pneumonia. | Erysipelas. | Enteric<br>Fever. | Encephalitis<br>Lethargica. | Poliomyelitis | Cerebra<br>Spinal<br>Meningitis. |
|-------------|-------------------|-------------|---------------------|-----------------------|------------|-------------|-------------------|-----------------------------|---------------|----------------------------------|
| Under 1     | —                 | —           | —                   | —                     | —          | —           | —                 | —                           | —             | —                                |
| 1 and under | 2                 | 1           | —                   | —                     | —          | —           | —                 | —                           | —             | —                                |
| 2           | 3                 | 2           | 1                   | —                     | —          | —           | —                 | —                           | —             | —                                |
| 3           | 4                 | 1           | 1                   | —                     | —          | —           | —                 | —                           | —             | 1                                |
| 4           | 5                 | 6           | —                   | —                     | —          | —           | —                 | —                           | —             | —                                |
| 5           | 10                | 9           | 16                  | —                     | —          | —           | —                 | —                           | —             | —                                |
| 10          | 15                | 5           | —                   | —                     | 1          | —           | —                 | —                           | 2             | —                                |
| 15          | 20                | 1           | 2                   | —                     | —          | —           | —                 | —                           | —             | —                                |
| 20          | 35                | —           | 2                   | 1                     | 1          | —           | 4                 | —                           | —             | —                                |
| 35          | 45                | —           | 1                   | —                     | —          | 3           | —                 | —                           | —             | —                                |
| 45          | 65                | —           | —                   | —                     | —          | 1           | 5                 | —                           | —             | —                                |
| 65 and over | —                 | —           | —                   | —                     | 3          | 4           | —                 | —                           | —             | —                                |
|             | 20                | 28          | 1                   | 1                     | 5          | 16          | —                 | —                           | 2             | 1                                |



### OPHTHALMIA NEONATORUM.

| CASES.    |          |             | Vision un-impaired. | Vision impaired. | Total Blindness. | Death. |
|-----------|----------|-------------|---------------------|------------------|------------------|--------|
| Notified. | Treated. |             |                     |                  |                  |        |
|           | At home  | In hospital |                     |                  |                  |        |
| —         | —        | —           | —                   | —                | —                | —      |

### TUBERCULOSIS.

At the beginning of the year there were 94 cases on the Register. During the year 25 new cases, 15 Pulmonary and 10 Non-Pulmonary, were added to the Register, including two which were transferred from the mainland, two other cases were transferred from other areas in the Island, and one case "cured" returned, making the total number of cases on the Register during the year 122. Of the 122 patients in the district known to be suffering from Tuberculosis, ten died, four left the district, eight recovered, and one was mistaken diagnosis, leaving 99 on the Register at the close of the year. Of these 99 cases, 65 were Pulmonary and 34 Non-Pulmonary.

### TUBERCULOSIS, 1937.

| AGE PERIODS. |    |    | NEW CASES. |           |    |               | DEATHS. |           |    |               |
|--------------|----|----|------------|-----------|----|---------------|---------|-----------|----|---------------|
|              |    |    | Totals     | Pulmonary |    | Non-Pulmonary | Totals  | Pulmonary |    | Non-Pulmonary |
|              |    |    |            | M.        | F. |               |         | M.        | F. |               |
| 0 and under  | 1  | —  | —          | —         | —  | —             | —       | —         | —  | —             |
| 1            | 5  | 5  | —          | —         | 3  | 2             | —       | —         | —  | —             |
| 5            | 10 | 1  | —          | —         | —  | 1             | —       | —         | —  | —             |
| 10           | 15 | 1  | —          | —         | —  | 1             | —       | —         | —  | —             |
| 15           | 20 | 5  | 2          | 2         | —  | 1             | —       | —         | —  | —             |
| 20           | 25 | 3  | 1          | 2         | —  | 2             | —       | 2         | —  | —             |
| 25           | 35 | 4  | 2          | 1         | —  | 1             | —       | 1         | —  | —             |
| 35           | 45 | 3  | 2          | 1         | —  | 4             | 3       | —         | —  | 1             |
| 45           | 55 | 3  | 1          | 1         | 1  | —             | —       | —         | —  | —             |
| 55           | 65 | —  | —          | —         | —  | 2             | 1       | —         | —  | 1             |
| 65 and over  |    | —  | —          | —         | —  | 1             | 1       | —         | —  | —             |
| Totals       |    | 25 | 8          | 7         | 4  | 6             | 10      | 5         | 3  | 2             |

**PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.**

No action was taken under these regulations during the year.

**PUBLIC HEALTH ACT, SECTION 62.**

No action was taken under this section during the year.

**FACTORIES, WORKSHOPS, AND WORKPLACES.**

**1.—INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES.**

**INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.**

| Premises.<br>(1)                                       | Number of          |                         |                              |
|--|--------------------|-------------------------|------------------------------|
|  | Inspections<br>(2) | Written Notices.<br>(3) | Occupiers Prosecuted.<br>(4) |
| Factories ... ..<br>(Including Factory Laundries)      | 62                 | 4                       | Nil.                         |
| Workshops ... ..<br>(Including Workshop Laundries)     | 19                 | 23                      | Nil.                         |
| Workplaces ... ..<br>(Other than Outworkers' premises) | 18                 | Nil.                    | Nil.                         |
| Total  | 99                 | 27                      | Nil.                         |



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

| Particulars.<br><br>(1)  | Number of Defects. |                      |  | Number of offences in respect to which prosecutions were instituted.<br><br>(5) |
|--|--------------------|----------------------|--|---|
|  | Found.<br><br>(2)  | Remedied.<br><br>(3) | Referred to H.M. Inspector.<br><br>(4) |   |
| <i>Nuisances under the Public Health Act :—*</i>   |                    |                      |  |   |
| Want of cleanliness ...  | 24                 | 24                   | —                                      | —   |
| Want of ventilation  | —                  | —                    | —                                      | —   |
| Overcrowding ...   | —                  | —                    | —                                      | —   |
| Want of drainage of floors ...   | —                  | —                    | —                                      | —   |
| Other nuisances ...  | 7                  | 7                    | —                                      | —   |
| Sanitary Accommodation :—  |                    |                      |  |   |
| Insufficient ...   | 2                  | 2                    | —                                      | —   |
| Unsuitable or defective ...  | —                  | —                    | —                                      | —   |
| Nor separate for sexes   | 1                  | 1                    | —                                      | —   |
| <i>Offences under the Factory and Workshop Acts :—</i>   |                    |                      |  |   |
| Illegal occupation of underground bake-house (s.101) ...   | —                  | —                    | —                                      | —   |
| Other offences ...   | —                  | —                    | —                                      | —   |
| (Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921). |                    |                      |  |   |
| Total ...  | 34                 | 34                   | —                                      | —   |

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

**OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.**

| Nature of Work.<br>(1)                                  | Instances.<br>(2) | Notices served.<br>(3) | Prosecutions.<br>(4) |
|---|-------------------|------------------------|----------------------|
| Wearing Apparel— ...                                    |                   |                        |                      |
| Making, etc. ...  |                   |                        |                      |
| Cleaning and Washing                                    |                   |                        |                      |
| Household linen ...                                     |                   |                        |                      |
| Lace, lace curtains, and nets                           |                   |                        |                      |
| Curtains and furniture hangings ...                     |                   |                        |                      |
| Furniture and upholstery ...                            |                   |                        |                      |
| Electro-plate ...                                       |                   |                        |                      |
| File making ...   |                   |                        |                      |
| Brass and Brass articles ...                            |                   |                        |                      |
| Fur pulling ...   |                   |                        |                      |
| Cables and chains ...                                   |                   |                        |                      |
| Anchors and grapnels ...                                |                   |                        |                      |
| Cart gear ...   |                   |                        |                      |
| Locks, latches, and keys ...                            |                   |                        |                      |
| Umbrellas, etc. ...                                     |                   |                        |                      |
| Artificial flowers ...                                  |                   |                        |                      |
| Nets, other than wire nets ...                          |                   |                        |                      |
| Tents ...   |                   |                        |                      |
| Sacks ...   |                   |                        |                      |
| Racquet and tennis balls ...                            |                   |                        |                      |
| Paper, etc., boxes, paper bags                          |                   |                        |                      |
| Brush making ...  |                   |                        |                      |
| Pea picking ...   |                   |                        |                      |
| Feather sorting ...                                     |                   |                        |                      |
| Carding, etc., of buttons, etc.                         |                   |                        |                      |
| Stuffed Toys ...  |                   |                        |                      |
| Basket making ...                                       |                   |                        |                      |
| Chocolate and Sweetmeats ...                            |                   |                        |                      |
| Cosaques, Christmas crackers, Christmas stockings, etc. |                   |                        |                      |
| Textile weaving ...                                     |                   |                        |                      |
| Total   | Nil.              | Nil.                   | Nil.                 |



### RAINFALL IN 1937.

Thanks to information supplied by your Waterworks Engineer, Mr. Wells, I am able to append the rainfall for the year.

| Months.    |     | Rain in<br>inches. |     | Rain Days<br>·01 inches<br>or more |     | Wet Days<br>·04 inches<br>or more |
|------------|-----|--------------------|-----|------------------------------------|-----|-----------------------------------|
| January    | ... | 6·76               | ... | 23                                 | ... | 20                                |
| February   | ... | 5·74               | ... | 21                                 | ... | 17                                |
| March ...  | ... | 3·94               | ... | 16                                 | ... | 13                                |
| April ...  | ... | 2·84               | ... | 18                                 | ... | 13                                |
| May ...    | ... | 2·03               | ... | 12                                 | ... | 10                                |
| June ...   | ... | 0·77               | ... | 7                                  | ... | 5                                 |
| July ...   | ... | 1·47               | ... | 9                                  | ... | 8                                 |
| August ... | ... | 1·39               | ... | 4                                  | ... | 4                                 |
| September  | ... | 2·90               | ... | 14                                 | ... | 10                                |
| October    | ... | 2·79               | ... | 12                                 | ... | 12                                |
| November   | ... | 2·42               | ... | 10                                 | ... | 7                                 |
| December   | ... | 7·17               | ... | 21                                 | ... | 14                                |
| Total      | ... | 40·22              | ... | 167                                | ... | 133                               |

The wettest month was December, and the wettest day was December 7th, with 3·39 inches. Only on two days, November 1st and December 7th, did more than 1 inch of rain fall. The average rainfall for the Island is approximately 30 inches, so that 1937 was a very wet year.

## SANITARY INSPECTOR'S REPORT.

*To the Urban Sanitary Authority, the Town Council of  
the Borough of Newport, I.W.*

MR. MAYOR, LADY, AND GENTLEMEN,

I herewith submit my Report for the year ending December 31st, 1937.

### HOUSING (INSPECTION OF DISTRICT).

In accordance with my duties as your designated Officer under these Regulations, I have made Inspections of 43 Houses during the year.

One hundred and eighty-one other houses were inspected regarding the following matters :—

- (1) Water supply.
- (2) Closet accommodation.
- (3) Drainage.
- (4) Paving and drainage of yards and outbuildings.
- (5) Arrangements for disposal of accumulated refuse.
- (6) Overcrowding.
- (7) Cleanliness.
- (8) Keeping of Animals.
- (9) Accumulations.
- (10) Other matters likely to be detrimental to health.

### DETAILS OF WORK CARRIED OUT WITH RESPECT TO NUISANCES, ETC.

TABLE A.

|     |                 |     |     |     |     |     |     |
|-----|-----------------|-----|-----|-----|-----|-----|-----|
| New | Drains, in feet | ... | ... | ... | ... | ... | 902 |
| ,,  | Gullies         | ... | ... | ... | ... | ... | 14  |
| ,,  | Interceptors    | ... | ... | ... | ... | ... | 2   |
| ,,  | Inspection Pits | ... | ... | ... | ... | ... | 11  |
| ,,  | Pedestal Pans   | ... | ... | ... | ... | ... | 15  |



|                             |     |     |     |     |     |     |    |
|-----------------------------|-----|-----|-----|-----|-----|-----|----|
| New W.C.s                   | ... | ... | ... | ... | ... | ... | 11 |
| „ Flushing Apparatus        | ... | ... | ... | ... | ... | ... | 15 |
| „ Fresh Air Inlets          | ... | ... | ... | ... | ... | ... | 2  |
| „ Vent Shafts               | ... | ... | ... | ... | ... | ... | 2  |
| „ Connection to Sewer       | ... | ... | ... | ... | ... | ... | 1  |
| „ Smoke and Water Tests...  | ... | ... | ... | ... | ... | ... | 16 |
| Rooms Disinfected           | ... | ... | ... | ... | ... | ... | 38 |
| Houses Disinfected          | ... | ... | ... | ... | ... | ... | 1  |
| New Sinks                   | ... | ... | ... | ... | ... | ... | 8  |
| „ Baths                     | ... | ... | ... | ... | ... | ... | 2  |
| „ Urinals                   | ... | ... | ... | ... | ... | ... | —  |
| Drains Cleaned and Repaired | ... | ... | ... | ... | ... | ... | 39 |
| Wash Basins                 | ... | ... | ... | ... | ... | ... | 10 |
| Septic Tanks                | ... | ... | ... | ... | ... | ... | —  |

### DETAILS OF WORK CARRIED OUT WITH RESPECT TO NEW BUILDINGS.

TABLE B.

|                       |     |     |     |     |     |     |       |
|-----------------------|-----|-----|-----|-----|-----|-----|-------|
| New Drains, in feet   | ... | ... | ... | ... | ... | ... | 12946 |
| „ Gullies             | ... | ... | ... | ... | ... | ... | 250   |
| „ Interceptors        | ... | ... | ... | ... | ... | ... | 97    |
| „ Inspection Pits     | ... | ... | ... | ... | ... | ... | 224   |
| „ W.C.s               | ... | ... | ... | ... | ... | ... | 183   |
| „ Fresh Air Inlets    | ... | ... | ... | ... | ... | ... | 71    |
| „ Vent Shafts         | ... | ... | ... | ... | ... | ... | 106   |
| „ Baths               | ... | ... | ... | ... | ... | ... | 94    |
| „ Sinks               | ... | ... | ... | ... | ... | ... | 100   |
| „ Flushing Apparatus  | ... | ... | ... | ... | ... | ... | 187   |
| Connections to Sewer  | ... | ... | ... | ... | ... | ... | 66    |
| Smoke and Water Tests | ... | ... | ... | ... | ... | ... | 300   |
| Septic Tanks          | ... | ... | ... | ... | ... | ... | 29    |
| New Hand-basins       | ... | ... | ... | ... | ... | ... | 109   |
| „ Urinals             | ... | ... | ... | ... | ... | ... | 16    |

## INFECTIOUS DISEASE AND DISINFECTION.

With regard to work in connection with Infectious and other Diseases, 27 rooms were disinfected with formalin vapour and 1 house with H.C.N. gas for bed bugs and 2 rooms sprayed for vermin.

**CARCASES INSPECTED AND CONDEMNED.**

|   | Cattle<br>(excluding<br>Cows). | Cows. | Calves. | Sheep and<br>Lambs. | Pigs. |
|---|--------------------------------|-------|---------|---------------------|-------|
| Number killed (if<br>known) ...   | —                              | —     | —       | —                   | —     |
| Number inspected ...  | —                              | 122   | 195     | 155                 | 3054  |
| ALL DISEASES, EX-<br>CEPT T.B. :—   |                                |       |         |                     |       |
| Whole carcasses<br>condemned ...  | —                              | 3     | 2       | 1                   | 14    |
| Carcases of which<br>some part or organ<br>was condemned...                                 | —                              | 2     | —       | 2                   | 6     |
| Percentage of num-<br>ber inspected af-<br>fected with dis-<br>eases other than<br>T.B. ... | —                              | 4%    | 1%      | 1.9%                | .6%   |
| TUBERCULOSIS ONLY.  |                                |       |         |                     |       |
| Whole carcasses<br>condemned ...  | —                              | 13    | 1       | —                   | 6     |
| Carcases of which<br>some part or organ<br>was condemned                                    | —                              | 11    | —       | —                   | 111   |
| Percentage of num-<br>ber inspected af-<br>fected with T.B.                                 | —                              | 12.3% | .8%     | —                   | 3.8%  |



## MEAT, OTHER FOODS, AND SLAUGHTERHOUSE INSPECTION.

Four hundred and fifty-six visits have been made to Slaughterhouses, and limewashing, drainage, and periodical removals of offal and manure have received good attention.

One hundred and three visits were made to food shops and suggestions made where necessary. A verbal notice was found sufficient in every instance to remedy any breach of the Byelaws.

## UNSOOUND FOOD DESTROYED.

## TUBERCULOUS MEAT.

| Cattle—            | Cwt. | Qrs. | Lbs. |
|--------------------|------|------|------|
| 13 Whole carcasses | 54   | 1    | 21   |
| Beef ... ..        | 4    | 0    | 16   |
| Offal (edible)     | 1    | 0    | 6    |

|                 |  |   |   |
|-----------------|--|---|---|
| Calves—         |  |   |   |
| 1 Whole carcase |  | 2 | 4 |

|                   |    |   |    |
|-------------------|----|---|----|
| Pigs—             |    |   |    |
| 6 Whole carcasses | 7  | 3 | 15 |
| 103 Heads ...     | 10 | 2 | 26 |
| Pork ... ..       | 1  | 1 | 18 |
| Offal (edible)    | 1  | 2 | 6  |

## DISEASED MEAT (NOT TUBERCULOUS).

|                   |   |   |    |               |
|-------------------|---|---|----|---------------|
| Cattle—           |   |   |    |               |
| 3 Whole carcasses | 9 | 0 | 22 | Emaciation    |
| 1 Head ... ..     |   |   | 25 | Actinomycosis |
| 1 Liver ... ..    |   |   | 12 | Angioma       |
| Calves—           |   |   |    |               |
| 2 Whole carcasses | 1 | 1 | 7  | Natural death |

## Sheep—

|                 | Cwt. | Qrs. | Lbs. |            |
|-----------------|------|------|------|------------|
| 1 Whole carcase | 1    | 12   |      | Emaciation |
| 1 Pluck ...     |      | 4    |      | Pleurisy   |
| Mutton ...      | 1    | 2    |      | Emaciation |

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## Pigs—

|                   |   |   |    |              |
|-------------------|---|---|----|--------------|
| 9 Whole carcasses | 9 | 2 | 17 | Erysipelas   |
| 2 „ „             | 1 | 3 | 26 | Septicæmia   |
| 2 „ „             | 3 | 3 | 24 | Peritonitis  |
| 1 „ „             | 1 | 0 | 0  | Emaciation   |
| 1 Head ... ..     |   |   | 10 | Putrefaction |
| 2 Hind quarters   |   | 1 | 12 | Split Pelvis |
| 1 Leg ... ..      |   | 2 | 9  | Caries       |
| 1 Liver ... ..    |   |   | 4  | Milk Spots   |
| Pork ... ..       |   | 1 | 2  | Trichinosis  |

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## OTHER FOODS.

|                 |   |   |    |              |
|-----------------|---|---|----|--------------|
| Imported Beef   | 1 | 2 | 17 | Putrefaction |
| Tinned Meat ... | 1 | 2 | 26 | „            |
| Fresh Herrings  | 1 | 1 | 0  | „            |
| French Beans    |   |   | 23 | „            |
| Tinned Eggs     |   |   | 24 | „            |
| 29 Chickens ... |   | 3 | 0  | Roup         |
| 10 „ ...        |   | 1 | 2  | Dropsy       |
| 4 „ ...         |   |   | 10 | Emaciation   |
| 4 „ ...         |   |   | 11 | Abscess      |
| 15 Rabbits ...  |   | 1 | 14 | Putrid       |
| 1 „ ...         |   |   | 3  | Jaundice     |

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|                  |    |   |    |
|------------------|----|---|----|
| Tuberculous Meat | 81 | 3 | 0  |
| Diseased Meat    | 29 | 1 | 20 |
| Other Foods      | 6  | 2 | 18 |

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|       |     |   |    |
|-------|-----|---|----|
| Total | 117 | 3 | 10 |
|-------|-----|---|----|

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## DAIRIES, COW-SHEDS, AND MILK SHOPS.

Under the Dairies, Cow-sheds, and Milk Shops Order Cow-keepers and Purveyors of milk are required to be registered by the Town Council.

At present there are upon the register 96 Dairies and Cow-sheds, and a total of 34 visits have been made. The Regulations with regard to Lime-washing and Cleansing have been carried out satisfactorily.

## CINEMA THEATRES.

There are three Cinema Theatres in the Borough. The Ministry of Health during the year 1922 issued orders for their periodical inspection. This has been done, 3 visits to each having been made during the year.

I am, Lady and Gentlemen,

Your obedient Servant,

A. F. HART,

*Borough Sanitary Inspector.*











