

[Report 1920] / Medical Officer of Health, King's Lynn Borough & Port.

Contributors

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Port and Borough of King's Lynn.

ANNUAL REPORT
... OF THE ...
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1920,
... BY ...

J. RENORDEN KINGDON,
M.R.C.S., L.R.C.P., B.A., Cantab.

WITH WHICH IS INCLUDED THE
ANNUAL REPORT OF THE BOROUGH SANITARY INSPECTOR
MR. J. W. SHAW,
Certif. of the Sanitary Institution.

URBAN AND PORT SANITARY AUTHORITY.



CHAIRMAN : ALDERMAN R. GREEN,

THE MAYOR (HOLCOMBE, INGLEBY, Esq.),

ALDERMAN R. A. METCALF.

COUNCILLORS R. BUNNETT,

R. ERRINGTON,

E. FYSH,

E. GREEN,

F. W. LANE,

J. H. MARTIN,

G. G. SADLER,

L. SKINNER,

R. F. SPRINGALL,

G. G. WOODWARK,



Meetings:—The Fourth Friday in each month at 11 a.m.

TO THE CHAIRMAN & MEMBERS OF THE
HEALTH COMMITTEE OF KING'S LYNN.

HEALTH OFFICE,
KING'S LYNN,

GENTLEMEN,

APRIL, 1921.

I have much pleasure in submitting my Report.

It was with regret that I found it necessary to tender my resignation as Medical Officer of Health last autumn, which post I have held for the last twelve years; and I only hope that the health of the borough will continue to improve.

The health of the district during the last twelve months has been excellent.

The birth rate showed a marked increase, and is the highest during the last 10 years. It is 26'18 per thousand of the population.

The deaths numbered 224, and this results in a death rate of 10'86, which is the lowest recorded in the borough during the last 20 years.

The death rate for infants under twelve months of age is 33'33 per thousand births. The average for the last ten years is 93'41, so the rate for the last twelve months is very satisfactory, and in part may be explained by the excellent work carried out by the Infant Welfare Centre.

The number of marriages was 208, which is distinctly above the average but not so many as last year.

The need for houses is still very acute. Many houses are still overcrowded, and in some cases two families are living in one house in which the accommodation is only sufficient for one family.

There has been no outbreak of any infectious disease in epidemic form during the year; 25 cases of scarlet fever were notified in January. These were the continuation of the epidemic in the autumn of 1919. The other cases numbering 25 were distributed throughout the other months.

Ten cases of typhoid were notified, and of these no common cause was ascertainable.

My thanks are again due to Mr. J. W. Shaw and the Health Visitor, Miss Giles, and to the other officials of the Corporation with whom I have come in contact.

I have the honour to be, Gentlemen,

Your obedient servant,

J. RENORDEN KINGDON.

Borough of King's Lynn—Vital Statistics of Whole District during 1920 and previous years

| YEAR. | Population estimated to middle of each Year. | Popula- tion for Birth Rate. | BIRTHS. | | Popula- tion for Death Rate. | TOTAL DEATHS REGISTERED IN THE DISTRICT. | | TRANSFERABLE DEATHS | | NETT DEATHS BELONGING TO THE DISTRICT. | | | |
|--|--|--|---------|-------|--|--|-------|---|--|--|--------|--------------|-------|
| | | | Number | Rate. | | Number | Rate. | of Non- residents registered in the District. | of Resi- dents not registered in the District. | Under 1 year of age | | At all ages. | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Average for ten years 1901-1910 inclusive | 20166 | | 519.9 | 25.66 | | 301 | 15.35 | 15 | 10 | 57 | 111.7 | 296 | 14.67 |
| 1911 | 20205 | | 483 | 23.9 | | 286 | 14.15 | 15 | 10 | 46 | 95.24 | 281 | 13.9 |
| 1912 | 20213 | | 437 | 21.15 | | 321 | 15.88 | 14 | 9 | 44 | 100.7 | 316 | 15.6 |
| 1913 | 20221 | | 477 | 23.59 | | 299 | 14.78 | 22 | 8 | 47 | 98.5 | 285 | 14.09 |
| 1914 | 20229 | | 457 | 22.59 | | 323 | 15.96 | 27 | 11 | 59 | 129.1 | 307 | 15.17 |
| 1915 | 19380 | | 394 | 20.33 | | 342 | 17.65 | 31 | 13 | 49 | 124.3 | 324 | 16.72 |
| 1916 | | 20396 | 446 | 21.87 | 18746 | 304 | 16.22 | 30 | 7 | 31 | 69.5 | 281 | 14.99 |
| 1917 | | 19530 | 325 | 16.64 | 17520 | 286 | 16.32 | 29 | 11 | 24 | 73.85 | 268 | 15.29 |
| 1918 | | 20005 | 310 | 15.46 | 17898 | 414 | 23.13 | 78 | 19 | 34 | 109.68 | 355 | 19.95 |
| 1919 | | 20666 | 381 | 18.44 | 19839 | 328 | 16.53 | 49 | 9 | 25 | 65.62 | 288 | 14.52 |
| 1920 | 20630 | | 540 | 26.18 | | 246 | 11.92 | 34 | 12 | 18 | 33.33 | 224 | 10.86 |

RAINFALL.

| | 1916 | 1917 | 1918 | 1919 | 1920 |
|------|-------|-------|-------|-------|-------|
| Jan. | 1'09 | 2'10 | 2'67 | 2'71 | 1'74 |
| Feb. | 3'25 | '70 | '98 | 2'48 | '76 |
| Mar. | 2'99 | 1'23 | '62 | 1'94 | 1'87 |
| Apl. | 1'25 | 1'52 | 2'21 | 1'42 | 3'23 |
| May | 1'81 | '56 | 2'34 | '62 | 1'92 |
| June | 1'92 | 1'93 | '55 | '90 | 2'81 |
| July | 2'01 | 1'79 | 2'68 | 3'88 | 3'43 |
| Aug. | 3'97 | 4'23 | 1'47 | 2'12 | 2'47 |
| Sep. | 1'37 | 1'85 | 5'32 | 1'36 | 2'42 |
| Oct. | 1'89 | 3'75 | 1'92 | 1'74 | 1'82 |
| Nov. | 2'27 | 1'50 | 1'88 | 2'18 | '75 |
| Dec. | 2'74 | '74 | 3'10 | 4'59 | 2'16 |
| | 26'66 | 21'90 | 25'74 | 25'94 | 25'38 |

Average rainfall for 10 years, 1904 to 1913 inclusive,
23'8

1914, 22'21

1915, 22'87

HOSPITALS.

THE SMALL POX HOSPITAL is in good order and ready to receive patients as required.

THE INFECTIOUS DISEASES & PORT SANITARY HOSPITAL is capable of taking 12 patients—6 in each ward. The hospital is always ready to receive patients and is kept in very good order by the caretaker.

TUBERCULOSIS.

The Incidence rate and Death rate of Tuberculosis appear to be slightly on the decrease. There have been 19 deaths from Pulmonary, 3 from Meningial and 4 from Tuberculosis of other parts. There is no Tuberculosis Dispensary for the Borough, and the number of cases does not justify the establishment of one.

CANCER.

There were 30 deaths from Cancer during the year, compared with 42 in 1919.

| | | | |
|--------------------|-----|-----|----|
| Generative Organs | ... | ... | 4 |
| Digestive Tract... | ... | ... | 17 |
| Breast ... | ... | ... | 2 |
| Skin, etc. | ... | ... | 7 |

FROM THE REGISTRAR GENERAL.
Causes of Death in King's Lynn during 1920.

| Causes of Death. | | | | | | Males | Females |
|---------------------------------------|---|-----|-----|-----|-----|--------|---------|
| (Civilians only) | | | | | | | |
| ALL CAUSES | ... | ... | ... | ... | ... | 104 | 122 |
| 1 | Enteric Fever | ... | ... | ... | ... | | 1 |
| 2 | Small-pox | ... | ... | ... | ... | | |
| 3 | Measles | ... | ... | ... | ... | 1 | |
| 4 | Scarlet Fever | ... | ... | ... | ... | 1 | |
| 5 | Whooping Cough | ... | ... | ... | ... | | |
| 6 | Diphtheria and croup | ... | ... | ... | ... | | |
| 7 | Influenza | ... | ... | ... | ... | | |
| 8 | Erysipelas | ... | ... | ... | ... | | |
| 9 | Pulmonary tuberculosis | ... | ... | ... | ... | 9 | 12 |
| 10 | Tuberculous meningitis | ... | ... | ... | ... | 2 | 1 |
| 11 | Other tuberculous diseases | ... | ... | ... | ... | 2 | 2 |
| 12 | Cancer, malignant disease | ... | ... | ... | ... | 14 | 18 |
| 13 | Rheumatic fever | ... | ... | ... | ... | | |
| 14 | Meningitis | ... | ... | ... | ... | | |
| 15 | Organic heart disease | ... | ... | ... | ... | 16 | 14 |
| 16 | Bronchitis | ... | ... | ... | ... | 5 | 12 |
| 17 | Pneumonia (all forms) | ... | ... | ... | ... | 6 | 7 |
| 18 | Other respiratory diseases | ... | ... | ... | ... | 2 | 3 |
| 19 | Diarrhoea, &c. (under 2 years) | ... | ... | ... | ... | | |
| 20 | Appendicitis and typhlitis | ... | ... | ... | ... | 1 | |
| 21 | Cirrhosis of liver | ... | ... | ... | ... | 1 | 1 |
| 21A | Alcoholism | ... | ... | ... | ... | | |
| 22 | Nephritis and Bright's disease | ... | ... | ... | ... | 6 | 6 |
| 23 | Puerperal fever | ... | ... | ... | ... | | 1 |
| 24 | Parturition, apart from puerperal fever | ... | ... | ... | ... | | 2 |
| 25 | Congenital debility, &c. | ... | ... | ... | ... | 4 | 3 |
| 26 | Violence, apart from suicide | ... | ... | ... | ... | 8 | 4 |
| 27 | Suicide | ... | ... | ... | ... | 1 | 1 |
| 28 | Other defined diseases | ... | ... | ... | ... | 25 | 34 |
| 29 | Causes ill-defined or unknown | ... | ... | ... | ... | | |
| Special Causes (included above) | | | | | | | |
| | Cerebro-spinal fever | ... | ... | ... | ... | | |
| | Poliomyelitis | ... | ... | ... | ... | | |
| Deaths of infants under 1 year of age | | | | | | 13 | 6 |
| | Illegitimate | ... | ... | ... | ... | 1 | |
| TOTAL BIRTHS | | | | | | 283 | 237 |
| | Legitimate | ... | ... | ... | ... | 257 | 216 |
| | Illegitimate | ... | ... | ... | ... | 26 | 21 |
| POPULATION (for Births and Deaths) | | | | | | 20,630 | |

Borough of King's Lynn.—Cases of Infectious Disease notified during the Year 1920.

| NOTIFIABLE DISEASE. | CASES NOTIFIED IN WHOLE DISTRICT. | | | | | | | TOTAL CASES NOTIFIED IN EACH LOCALITY. | | | | | | | |
|---|-----------------------------------|----------------|--------|---------|----------|----------|----------|--|--------------------------|------------------------------|----------------------------|--------------------|---------------------|-------------------------|----------------------------|
| | At all Ages. | At Ages—Years. | | | | | | Old Lynn S. of Purfleet. | Old Lynn N. of Purfleet. | North End. over Railway Line | Highgate, Gaywood Rd., &c. | South Lynn within. | South Lynn without. | Hospital and Infirmary. | Cases removed to Hospital. |
| | | Under 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 45 | 45 to 65 | | | | | | | | |
| Diphtheria (including Membranous croup) ... | 5 | 2 | 1 | 2 | | | | 2 | | | | 2 | | 1 | 1 |
| Erysipelas ... | 2 | | | | | 1 | | 1 | | | | 1 | | | |
| Scarlet Fever ... | 50 | 6 | 33 | 8 | | 3 | | 12 | 7 | 3 | | 21 | 7 | | 7 |
| Enteric Fever ... | 10 | 4 | 3 | 1 | | 2 | | | 5 | | 1 | 3 | 1 | | |
| Puerperal Fever ... | 1 | | | | | 1 | | | | | | 1 | | | |
| Pulmonary Tuberculosis... | 21 | | 1 | 6 | | 8 | | 3 | 8 | 5 | | 4 | 1 | | |
| Other Tuberculosis | 3 | | 1 | 1 | | | | 1 | | | 1 | | 1 | | |
| Ophthalmia-Neonatorum | 7 | 7 | | | | | | | 1 | 2 | | 2 | 1 | 1 | |
| Totals ... | 99 | 7 | 12 | 39 | 18 | 15 | 6 | 19 | 21 | 10 | 2 | 34 | 11 | 2 | 8 |

Borough of King's Lynn.—Infantile Mortality during the Year 1920.

Deaths from stated Causes in Weeks and Months under One Year of age.

| CAUSE OF DEATH. | Under 1 Wk. | 1-2 Weeks | 2-3 Weeks | 3-4 Weeks | Total under 1 month | 1-3 months | 3-6 months | 6-9 months | 9-12 months | Total Deaths under One Year. |
|--------------------------------|-------------|-----------|-----------|-----------|---------------------|------------|------------|------------|-------------|------------------------------|
| Congenital Malformations ... | | | | | | | | 1 | | 1 |
| Premature Birth ... | 1 | 1 | | | 2 | 2 | | | | 4 |
| Atrophy, Debility and Marasmus | 1 | | 1 | | 2 | | | | | 2 |
| Syphilis ... | | | | 1 | 1 | 1 | | | | 2 |
| Convulsions ... | 2 | | | | 2 | | | 1 | | 3 |
| Bronchitis ... | | | | | | 1 | | 1 | | 2 |
| Pneumonia (all forms) ... | | | | | | 1 | | 1 | 1 | 3 |
| Other Causes ... | | | | | | | | 1 | | 1 |
| TOTALS | 4 | 1 | 1 | 1 | 7 | 5 | 0 | 5 | 1 | 18 |

Births during the year ...
 No. of Illegitimate Births included above ...

Male 290
 Female 250
 Total 540

Deaths in the year of Legitimate Infants ...
 " " of Illegitimate Infants ...

17
 1

Birth-rate, Death-rate, and Analysis of Mortality during the Year 1920.

(Provisional figures. Provisional Populations estimated to the middle of 1920 have been used for the purposes of this Table. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

| | BIRTH- RATE PER 1,000 TOTAL POPULA- TION | ANNUAL DEATH-RATE PER 1,000 POPULATION. | | | | | | | | | | RATE PER 1,000 BIRTHS. | | PERCENTAGE OF TOTAL DEATHS. | | | |
|---|---|---|-------------------|------------|----------|-------------------|--------------------|-------------|------------|-----------|--|--|--------------------------------------|-----------------------------------|-------------------|------------------------------------|--|
| | | All Causes. | Enteric Fever. | Small-pox. | Measles. | Scarlet Fever. | Whooping Cough. | Diphtheria. | Influenza. | Violence. | Diarrhoea and Enteritis (under 2 Years). | Total Deaths under One Year. | Deaths in Public Institutions. | Certified Causes. of Death. | Inquest Cases. | Uncertified Causes of Death. | |
| England and Wales | 25.4 | 12.4 | 0.01 | 0.00 | 0.19 | 0.04 | 0.11 | 0.15 | 0.28 | 0.48 | 8.3 | 80 | 24.3 | 92.2 | 6.6 | 1.2 | |
| 96 Great Towns, including London (Census Populations exceeding 50,000) | 26.2 | 12.5 | 0.01 | 0.00 | 0.23 | 0.04 | 0.14 | 0.16 | 0.31 | 0.43 | 10.4 | 85 | 31.3 | 92.2 | 7.1 | 0.7 | |
| 148 Smaller Towns (Census Popu- lations 20,000—50,000). | 24.9 | 11.3 | 0.02 | 0.00 | 0.19 | 0.03 | 0.10 | 0.14 | 0.27 | 0.38 | 7.8 | 80 | 16.5 | 93.2 | 5.3 | 1.5 | |
| London | 26.5 | 12.4 | 0.01 | 0.00 | 0.22 | 0.05 | 0.17 | 0.22 | 0.30 | 0.47 | 9.5 | 75 | 46.8 | 91.2 | 8.6 | 0.2 | |

PORT OF KING'S LYNN.

KING'S LYNN,

APRIL, 1921.

TO THE CHAIRMAN AND MEMBERS OF THE
PORT SANITARY AUTHORITY.

GENTLEMEN,

During the year 1920 no case of Infectious Disease was reported to me in connection with any ships entering the Port.

I have visited all ships coming from foreign ports.

The Port Sanitary Hospital is in good order.

My thanks are again due to H.M. Collector of Customs for again supplying me with a list of ships and imports coming to the Port during the year ; and to the Officers of the Customs for their invariable courtesy and promptitude.

I have the honour to be, Gentlemen,

Your obedient Servant,

J. RENORDEN KINGDON.

FOREIGN TRADE.

| Vessels Inwards. | |
|-------------------------|-------------------|
| FREE CARGOES. | |
| No. 105 | Tons 43,762 |
| MIXED CARGOES. | |
| No. 2 | Tons 2,735 |
| <hr/> Total 107 | <hr/> Tons 44,495 |

| CARGOES. | No. |
|-------------------|------------|
| Wood | 44 |
| Potash | 4 |
| Kainit | 15 |
| Phosphate | 9 |
| Granite | 7 |
| General | 12 |
| Pyrites | 6 |
| Moss Litter... .. | 5 |
| Bog Ore | 1 |
| Pollard | 2 |
| Midlines | 1 |
| Fruit Pulp | 1 |
| | <hr/> 107 |

| Vessels Outwards. | |
|--------------------------|------------|
| WITH CARGOES. | |
| No. 41 | Tons 9,423 |

| CARGOES. | No. |
|-----------------|------------|
| Pitch... .. | 18 |
| Hay | 15 |
| Pig iron | 4 |
| Coke | 1 |
| Coffee | 1 |
| Coal | 2 |
| | <hr/> 41 |

| IN BALLAST. | |
|--------------------|------------|
| No. 15 | Tons 2,735 |

| IN BALLAST. | |
|--------------------|------------|
| No. 22 | Tons 8,462 |

List of Ports with which the Port has most trade:—

HOLLAND—Rotterdam, Amsterdam.

BELGIUM—Antwerp.

RUSSIA—Uleaborg, Trangsund, Kasko, Raumo, Vasa, Tornea, Karleby, Viborg, Libau.

FRANCE—Rouen, Cherbourg.

SWEDEN—Helsingborg, Sundsvall, Schoonen, Gothenburg.

NORWAY—Hauge Sund, Trondjem.

DENMARK—Esbjerg.

GERMANY—Memel, Bremen, Cologne, Danzig.

SPAIN—Huelva.

NORTH COAST AFRICA—Bona, Bougie, Tunis.

U. S. A.—Tampa.

CHANNEL ISLANDS—Guernsey.

COASTING TRADE.

| Vessels Inwards. | |
|-------------------------|-------------|
| WITH CARGOES. | |
| No. 234 | Tons 28,033 |
| IN BALLAST. | |
| No. 98 | Tons 14,128 |

| Vessels Outwards. | |
|--------------------------|-------------|
| WITH CARGOES. | |
| No. 110 | Tons 12,231 |
| IN BALLAST. | |
| No. 270 | Tons 54,430 |

List of Ports with which the Port has most trade:—

Hull, London, Craster.

Causes of, and Ages at Death, during Year 1920.

| | | | | | | | | | | | |
|--------|-----|-----|----|---|---|---|---|----|----|----|----|
| Totals | ... | 224 | 18 | 3 | 4 | 3 | 9 | 32 | 57 | 98 | 73 |
|--------|-----|-----|----|---|---|---|---|----|----|----|----|

**Report of Health Visitor for year ending
December 31st, 1920.**

| | | | | |
|---|-----|-----|-----|-------|
| Visits paid to children under one month | ... | ... | ... | 420 |
| Visits paid to children under two years | ... | ... | ... | 631 |
| Visits paid to children under five years | ... | ... | ... | 224 |
| Visits paid <i>re</i> still-born children | ... | ... | ... | 11 |
| | | | | — |
| Total | ... | ... | ... | 1,286 |

MINOR AILMENT CENTRE.

The Minor Ailment Centre in connection with the Infant Welfare Centre was opened on October 19th, 1920. It is opened each Tuesday from 2 to 4 p.m. The number of attendances of children under five years between that date and December 31st, 1920—44.

INFANT WELFARE CENTRE.

The Infant Welfare Centre is open on Thursday afternoons, and the total attendances made by the Health Visitor were 45. When necessary children have been visited in their homes between the two successive Thursdays.

INFANT WELFARE CENTRE.

| | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
|---------------------------------|-------|-------|------|-------|-------|------|-------|--------|-------|-------|
| Infectious Diseases ... | 1 | 6 | 1 | 11 | 4 | 1 | | 1 | 4 | |
| Tubercle ... | | | 1 | | | 2 | 1 | | | |
| Meningitis ... | | | 1 | | | | 1 | 1 | 1 | |
| Bronchitis ... | 1 | 2 | 2 | 4 | 4 | 5 | 1 | 1 | 4 | 2 |
| Pneumonia ... | 2 | 10 | 7 | 6 | 9 | 1 | 7 | 7 | 2 | 3 |
| Diarrhœa ... | 14 | 1 | 7 | 7 | 5 | 1 | 3 | | | |
| Atalectasis ... | | 4 | 2 | 1 | | | | | | |
| Convulsions ... | 4 | 1 | 2 | 4 | 12 | | 1 | 3 | 1 | 3 |
| Congenital Malformations | 2 | 5 | 3 | 4 | 3 | | | 2 | 1 | 1 |
| Premature Birth ... | 5 | 4 | 6 | 8 | 8 | 11 | 2 | 5 | 5 | 4 |
| Atrophy, Debility, Marasmus ... | 12 | 7 | 12 | 9 | 2 | 6 | 6 | 8 | 4 | 2 |
| Other Causes ... | 5 | 1 | 3 | 5 | 2 | 4 | 2 | 6 | 3 | 3 |
| Totals ... | 46 | 41 | 47 | 59 | 49 | 31 | 24 | 34 | 25 | 18 |
| Rate per 1000 births | 95.24 | 100.7 | 98.5 | 129.1 | 124.3 | 69.5 | 73.85 | 109.68 | 65.62 | 33.33 |

GROUP A.

GROUP B.

The above table gives the number of deaths of Infants under 1 year of age for the last 10 years, with the causes, and the rate per 1000 births during each year.

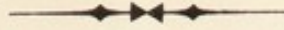
I have divided the years 1911 to 1920 inclusive into 2 groups of 5 years, A. & B., for the purpose of comparing A. With B. The I.W.C. was started in 1916, therefore if we compare Group B. with Group A. we shall be able to ascertain whether there has been any definite result with regard to the death rate of infants under 1 year of age, owing to work done by the centre.

The principal items which would be affected would be 1. Summer Diarrhœa, 2. Convulsions, 3. Atrophy, Debility and Marasmus, and the results of the comparison are as follows:—

| | A. | B. |
|-----------------------------------|----|----|
| 1. Summer Diarrhœa ... | 34 | 4 |
| 2. Convulsions ... | 23 | 8 |
| 3. Atrophy, Debility and Marasmus | 42 | 26 |

This shows a marked improvement, and is even more marked if we delete the year 1918, for during that year the death rate was very high owing to measles, whooping cough and influenza, and also to the scarcity of proper nourishment.

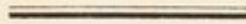
BOROUGH OF KING'S LYNN.



ANNUAL REPORT

OF THE

SANITARY INSPECTOR.



TO THE MAYOR, ALDERMEN AND BURGESSES
OF THE BOROUGH OF KING'S LYNN.

GENTLEMEN,

I beg to submit my Twenty-second Annual Report of the work done in the Sanitary Inspector's Department during the year ending December 31st, 1920.

I am,

Your obedient servant,

JOHN W. SHAW.

| | | | | |
|----------------------------|-----|-----|-----|-------------|
| Population, estimated 1920 | ... | ... | ... | 20,630 |
| Area (in acres) | ... | ... | ... | 3,100 acres |

SUMMARY OF NUISANCES.

| | | | | |
|--|-----|-----|-----|-----|
| Number of Nuisances dealt with | ... | ... | ... | 502 |
| Houses and Premises inspected | ... | ... | ... | 202 |
| Number of Notices issued (Intimations) | ... | ... | ... | 160 |
| Number of Complaints <i>re</i> Nuisances | ... | ... | ... | 86 |

Drainage.

| | | | | |
|--|-----|-----|-----|----|
| Defective Drains | ... | ... | ... | 2 |
| Foul Drains | ... | ... | ... | 1 |
| Blocked Drains | ... | ... | ... | 25 |
| Defective Eave Spouts and Rain-water Pipes | ... | ... | ... | 27 |

W. C. Accommodation.

| | | | | |
|-------------------|-----|-----|-----|----|
| Defective W.Cs. | ... | ... | ... | 21 |
| No Cisterns | ... | ... | ... | 1 |
| Blocked W.Cs. | ... | ... | ... | 9 |
| Absence of W.C... | ... | ... | ... | 1 |
| Filthy W.Cs. | ... | ... | ... | 1 |
| Insanitary Privy | ... | ... | ... | 1 |

Miscellaneous.

| | | | | |
|-------------------------------------|-----|-----|-----|----|
| Dirty Yards | ... | ... | ... | 12 |
| Defective Yard Paving | ... | ... | ... | 17 |
| Defective Floors | ... | ... | ... | 27 |
| Defective Roofs | ... | ... | ... | 19 |
| Defective Walls | ... | ... | ... | 23 |
| Damp Walls | ... | ... | ... | 20 |
| Defective Ceilings | ... | ... | ... | 20 |
| Defective Doors | ... | ... | ... | 5 |
| Defective Windows | ... | ... | ... | 27 |
| Absence of Ashbins | ... | ... | ... | 68 |
| Defective Ashbins | ... | ... | ... | 53 |
| Accumulations of Rubbish and Manure | ... | ... | ... | 18 |

| | | | | |
|----------------------------|-----|-----|-----|----|
| Defective Fire-places | ... | ... | ... | 7 |
| Defective Coppers | ... | ... | ... | 4 |
| Defective Ventilation | ... | ... | ... | 4 |
| Dangerous Chimneys | ... | ... | ... | 2 |
| Defective Taps ... | ... | ... | ... | 5 |
| Nuisance from Pigs | ... | ... | .. | 1 |
| Nuisance from Fowls | ... | ... | ... | 5 |
| Burst Water-pipe... | ... | ... | ... | 1 |
| Depositing Fish Offal | ... | ... | ... | 1 |
| Depositing Fish ... | ... | ... | ... | 1 |
| Tripe Boiling and Cleaning | ... | ... | ... | 1 |
| Stench from Cockle Shells | ... | ... | ... | 1 |
| Other Nuisances ... | ... | ... | ... | 71 |

INFECTIOUS DISEASES AND DISINFECTION.

| | | | |
|--|-----|-----|-------|
| Infectious Cases investigated ... | ... | ... | 99 |
| Houses in which Infectious Cases occurred | ... | ... | 73 |
| Visits made to Infectious Hospitals | ... | ... | 136 |
| Number of Rooms Disinfected | ... | ... | 152 |
| „ of Wards Disinfected | ... | ... | 8 |
| „ of times Ambulance Disinfected... | ... | ... | 35 |
| „ of Yards and Drains Disinfected | ... | ... | 26 |
| „ of Articles treated at Steam Disinfector | ... | ... | 1,041 |

Military.

| | | |
|---|-----|-----|
| Number of Articles treated at Steam Disinfector | ... | 299 |
|---|-----|-----|

Registered and Licensed Premises Inspected.

| | | | | |
|-------------------------|-----|-----|-----|-----|
| Slaughter-houses ... | ... | ... | ... | 10 |
| Bake-houses | ... | ... | ... | 25 |
| Workshops and Factories | ... | ... | ... | 293 |
| Dairies and Milkshops | ... | ... | ... | 31 |
| Cowsheds | ... | ... | ... | 10 |
| Lodging-houses | ... | ... | ... | 2 |

Slaughter-houses.

| | | In 1914. | In January, 1920. | In December, 1920. |
|------------|-----|----------|-------------------|--------------------|
| Registered | ... | 8 | 8 | 8 |
| Licensed | ... | 2 | 2 | 2 |
| | | <hr/> | <hr/> | <hr/> |
| Total | ... | 10 | 10 | 10 |

Situation of Slaughter-houses.

Lift's Yard, Norfolk Street
 Paradise Lane (2)
 Union Lane
 High Street
 London Road
 Highgate
 Windsor Road
 Norfolk Street
 Littleport Street

Registered Common Lodging-houses.

| | | | | |
|-------------------|-----|-----|-----|----|
| Day inspections | ... | ... | ... | 25 |
| Night inspections | ... | ... | ... | 5 |

Dairies, Cowsheds and Milkshops.

There are 5 Dairies, 26 Milkshops, 23 Purveyors of Milk and 10 Cowkeepers registered in the Borough.

Rat Destruction.

With reference to the Ash Tips in the Borough. A notice was received from the County Council to take steps to destroy the rats at these places. I was instructed by the Committee to deal with the matter, and a large number of rats have been destroyed at these tips by the use of a Clayton Gassing Machine.

Forfeited Meat, etc., 1920.

| | | |
|----------|------------------|---|
| January | 3 | Carcases of Mutton |
| " | 21 $\frac{3}{4}$ | lbs. Sugar |
| " | 67 $\frac{1}{2}$ | lbs. Bacon |
| February | 2 | Carcases of Mutton |
| March | 4 | Carcases of Mutton |
| " | 3 | Hindquarters of Mutton |
| " | 6 | Stones of Codfish |
| " | 51 | Stones of Mackerel |
| " | 1 | Calf (Tuberculosis) |
| " | | Hindquarters and Offal of Beef |
| " | 1,125 | lbs. of Bacon |
| April | 3 $\frac{1}{2}$ | Stones of Frozen Mutton |
| " | 178 | lbs. of Frozen Beef |
| " | 93 | lbs. of Frozen Mutton |
| " | 1 | Carcase of Mutton |
| May | 20 | Boxes of Smoked Haddock |
| " | 176 | lbs. of Frozen Beef |
| " | 1 | Carcase of Beef (General Tuberculosis) |
| " | 73 | lbs. of Frozen Mutton |
| " | 2 | Forequarters of Beef including Head and Lungs (Localised Tuberculosis) |
| June | 3 | Bags of Whelks |
| " | 2 | Tins of Tomatoes |
| " | 1 | Tin of Milk |
| " | 1 | Carcase of Beef—cow (General Tuberculosis) |
| " | 286 | lbs. of Frozen Mutton |
| July | 22 | Hams |
| " | 7 | Pieces of Bacon |
| " | 70 | Stone of Mackerel |
| " | 4 | Stones of Frozen Beef |
| August | 90 | lbs. of Frozen Beef |
| " | 4 $\frac{1}{2}$ | Stone of Mackerel |
| " | 128 | lbs. of Frozen Mutton |

FORFEITED MEAT, ETC.—continued.

| | | |
|-----------|-----|--|
| August | 29 | lbs. of Frozen Lamb |
| „ | | Forequarters and Offal of Beef |
| „ | 5 | Tins of Tomatoes |
| „ | 1 | Tin of Salmon |
| „ | 1 | (6-lb.) Tin of Corned Beef |
| „ | 2 | Tins of Milk |
| September | 2 | Tins of Milk |
| „ | 11 | lbs. of Bacon |
| „ | 4 | Tins of Salmon |
| „ | | Forequarters and Offal of Beef |
| „ | 1 | Carcase of Beef (General Tuberculosis) |
| „ | 121 | lbs. of Frozen Mutton |
| „ | 1 | (6-lb.) Tin of Corned Beef |
| „ | 8 | Rabbits |
| „ | | Offal of Beef (Localised Tuberculosis) |
| October | 1 | (12-oz.) Tin of Corned Beef |
| „ | 2 | (6-lb.) Tins of Corned Beef |
| November | 3 | Tins of Milk |
| „ | 2 | (6-lb.) Tins of Corned Beef |
| „ | 1 | Beast's Liver and part Offal |

FACTORIES, WORKSHOPS & WORKPLACES.

There are three hundred and sixty Factories, Workshops and Outworkers registered in the Borough.

Inspections.

| | | | Number of Inspections : | Number of Written Notices : |
|-----------------------|-----|-----|----------------------------|--------------------------------|
| Factories | ... | ... | 69 | 0 |
| Workshops | ... | ... | 125 | 0 |
| Homeworkers' premises | ... | ... | 42 | 0 |
| Total | | | 236 | 0 |

Defects Found.

| | | | Number found : | Defects remedied : |
|-------------------------|--------------|-----|----------------|--------------------|
| Want of Cleanliness | ... | ... | 3 | 3 |
| Want of Ventilation | ... | ... | 0 | 0 |
| Other Nuisances | ... | ... | 0 | 0 |
| Sanitary accommodation, | Insufficient | ... | 0 | 0 |
| " or Defective " | Unsuitable | ... | 1 | 1 |
| Total | | | 4 | 4 |

Home Work.

| | | |
|---|-----|----|
| List of Outworkers | ... | 42 |
| Lists received | ... | 16 |
| Addresses of Outworkers forwarded to other Authorities | ... | 0 |
| Orders prohibiting Homework in infected premises (S 110) | ... | 0 |

Registered Workshops.

| | | |
|---------------------|-----|-----|
| Workshops | ... | 211 |
| Workshop Bakehouses | ... | 25 |

Total number of Workshops on Register 236

There is one Factory Bakehouse registered in the Borough.

Other Matters.

| | | |
|--|-----|---|
| Matters notified to H.M. Inspector... | ... | 0 |
| Reports (of action taken) sent to H.M. Inspector | | 3 |
| Total | | 3 |

HOUSING CONDITIONS.

Year ended 31st December, 1920.

| | | | | |
|---|-----|-----|-----|--------|
| Estimated Population | ... | ... | ... | 20,360 |
| General Death rate | ... | ... | ... | 10'86 |
| Death rate from Tuberculosis | ... | ... | ... | 1'26 |
| Infantile Mortality rate | ... | ... | ... | 33'33 |
| Number of Dwelling Houses of all Classes | ... | ... | ... | 5,288 |
| Number of Working-class Dwelling Houses | ... | ... | ... | 4,414 |
| Number of new Working-class Dwelling Houses erected | ... | ... | ... | 18 |
| Total number of Houses inspected for Housing defects (under Public Health or Housing Acts) | ... | ... | ... | 174 |
| Number of Dwelling Houses which were inspected and recorded Housing (Inspection of District Regu- lations, 1910) | ... | ... | ... | 31 |
| Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | ... | ... | ... | 2 |
| Number of Dwelling Houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation | ... | ... | ... | 18 |

Proceedings under Section 28 of the Housing, Town Planning, etc., Act, 1919.

| | | | | |
|--|-----|-----|-----|-----|
| Number of Dwelling Houses in respect of which Notices were served requiring Repairs | ... | ... | ... | 18 |
| Number of Dwelling Houses which were rendered fit :— | | | | |
| (a) By Owners | ... | ... | ... | 14 |
| (b) By Local Authority in default of Owners | ... | ... | ... | nil |

Proceedings under Sections 17 & 18 of the Housing, Town Planning, etc., Act, 1909.

| | | | | |
|--|-----|-----|-----|-----|
| Number of representations made with a view to making of Closing Orders | ... | ... | ... | 2 |
| Number of Dwelling Houses in respect of which Closing Orders were made | ... | ... | ... | 2 |
| Number of Dwelling Houses in respect of which Closing Orders were determined, the Dwelling Houses having been rendered fit | ... | ... | ... | nil |

General character of the defects found to exist :—

General Dilapidation.

Want of through Ventilation.

Defective Walls and Floors.

HEALTH OFFICE, TOWN HALL,
KING'S LYNN.

March, 1921.

PORT SANITARY INSPECTOR'S REPORT.

MR. CHAIRMAN AND GENTLEMEN,

During the year ending December 31st, 1920, two hundred and sixty-three ships were inspected, viz. :—

| | |
|----------------------------------|-----------|
| Foreign Steamers | 95 |
| Foreign Sailing Ships | 8 |
| Coastwise Steamers | 95 |
| Coastwise Sailing Ships | 27 |
| Coastwise Oil-driven Ships... .. | 2 |
| Canal Boats | 36 |
| Total | <hr/> 263 |

One ship and forecastles were found to be in a very dirty condition.

Special enquiries have been made with reference to rats on board ships. No special case has been met with. Most of the ships which had been infested with rats appear to have been dealt with at the larger ports. With regard to the Docks and Warehouses, special attention has been given to the destruction of the rats in these premises by the Dock Company and the occupiers of the Warehouses.

I am, Gentlemen,

Your obedient Servant,

JOHN W. SHAW,
Port Sanitary Inspector.

HEALTH OFFICE, TOWN HALL,
KING'S LYNN.

20th January, 1921.

CANAL BOATS INSPECTOR'S REPORT.

MR. CHAIRMAN AND GENTLEMEN,

I beg to report that 36 inspections of Canal Boats have been made during the year 1920, and that the sanitary condition of the boats is well maintained.

A visit was paid by His Majesty's Inspector of Canal Boats.

I am, Gentlemen,

Your obedient Servant,

JOHN W. SHAW,
Canal Boats Inspector.