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ROCHFORD  
RURAL DISTRICT COUNCIL.

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ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH

(JOHN F. MACDONALD, M.B., Ch.B., M.D., D.P.H.)

(Barrister-at-Law)

FOR

— 1925. —

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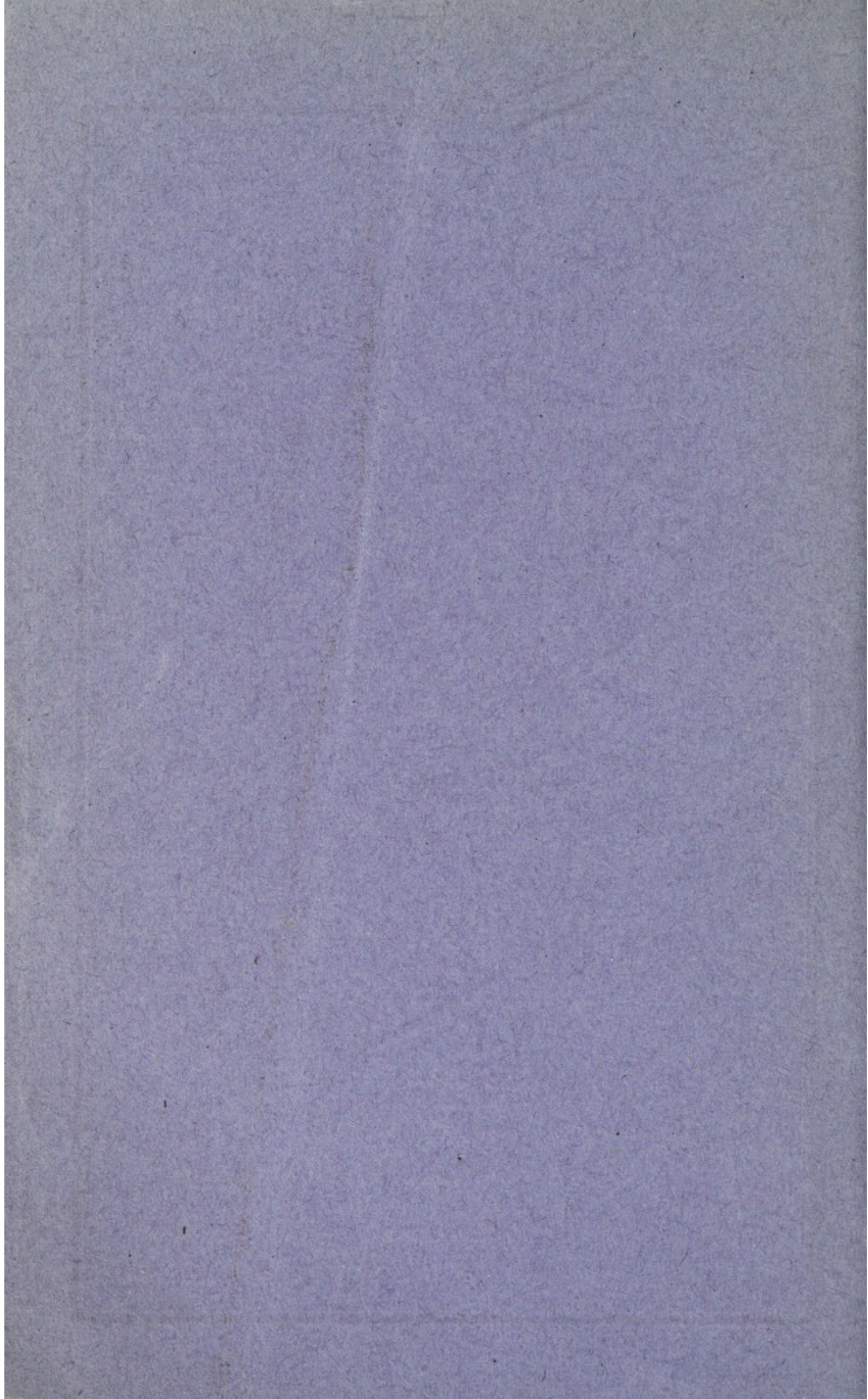
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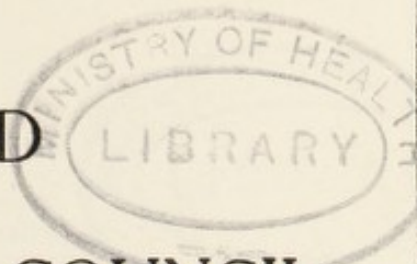
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WATERLOO LANE,

CHELMSFORD,



May, 1926.

**To the Chairman and Members of the Rochford  
Rural District Council.**

MR. CHAIRMAN AND GENTLEMEN,

I have the honour of presenting for your consideration my Annual Report on the health and sanitary circumstances of your district for the year 1925.

By instructions of the Ministry of Health, the present Report is a Survey Report. Survey Reports are due every five years (the last one was in 1920) and deal comprehensively with the development of the Public Health Services in the district.

In this Report, a short history of Housing, Water Supply, Sewerage and Isolation Hospital Schemes is given, which I hope members will find useful.

In the Report, I have given the census populations for each parish since 1801, and no doubt a good deal can be read from these figures.

The need of more houses for your district is still present, and it is hoped the District Council shall continue its activities in this direction. No better service can be rendered to the community than to see that the people are properly housed.

The need of a proper sewerage system in a number of the Parishes has become urgent, this fact is well recognised by the District Council.

For information relating to houses erected etc., I am indebted to Mr. Madge, your Surveyor, and to the Southend Waterworks Company for information regarding the water supply in the district.

For much assistance rendered in the preparation of this Report, I am indebted to Mr. Ellis, your Sanitary Inspector.

For the sympathetic consideration and assistance received during the year, I beg to thank the Council.

I beg to remain,

Your obedient servant,

JOHN F. MACDONALD.



## ROCHFORD RURAL DISTRICT.

---

### NATURAL AND SOCIAL CONDITIONS OF THE AREA.

|                                                 |     |          |        |        |                                 |
|-------------------------------------------------|-----|----------|--------|--------|---------------------------------|
| Area (acres)                                    | ... | ...      | 55,003 | ...    | (land and inland waters).       |
| Population (1925, estimated)                    |     |          | 27,530 |        |                                 |
| 1921 census population                          | ... |          | 22,863 | ...    | (11,170 males, 11,693 females). |
| 1911                                            | „   | „        | ...    | 18,125 |                                 |
| 1901                                            | „   | „        | ...    | 14,565 |                                 |
| Number of inhabited houses (1921)               | ... | ...      | 5,045  |        |                                 |
| Number of families or separate occupiers (1921) | ... |          | 5,350  |        |                                 |
| Number of inhabited houses (1925)               |     |          | 7,363  |        | (approximate).                  |
| Rateable value                                  | ... | £145,396 | ...    |        | (31st March, 1925).             |
| Sum represented by a penny rate—                |     | £548     |        |        | (31st March, 1925).             |

### PHYSICAL FEATURES AND GENERAL CHARACTER OF THE AREA.

The district situated in the south-east portion of the County of Essex is roughly oblong in shape; the distance from east to west varying from twelve to eighteen miles, and that from north to south from six to nine miles. The district; (with the exception of a small area of the parish of Hockley which extends to the north side of the river and a small area of the Maldon Rural District on the south side, north of the parish of Canewdon,) is bounded on the north by the river Crouch; on the east by the North Sea

facing the Maplin Sands; on the south (from east to west) by the Urban Districts of Shoeburyness and Southend-on-Sea and the river Thames; on the west by the Rural Districts of Orsett and Billericay; and on the north-west by the Rural District of Chelmsford.

Running from west to east, there are two elevated ridges which gradually fade into the flat lands in the eastern half of the district. These two ridges form three watershed areas:—In the north drained by the river Crouch, between the two ridges drained by the river Roach, and in the South drained by the river Thames.

There are no important rivers actually in the area, on the south boundary is the Thames, on the north the river Crouch, and flowing through Rochford the small river Roach—all tidal rivers.

The eastern and southern area is intersected by creeks forming a number of small islands, notably Foulness and Wallasea on the north-east, and Canvey on the south.

The whole district is on the London Clay.

The district, at the 1911 census, had an area of 55,386 acres (including land and inland water), but during 1913 the Borough of Southend-on-Sea was extended to include 373 acres in the parish of Eastwood; thus, since 1913, the area of the district was 55,013 acres.

The parish of Canvey Island, during 1925, made application for Urban Powers, which has been granted as from 1st April, 1926. At that date Canvey severs its connection with the rural district and becomes "Canvey Island Urban District." The area of Canvey Island is 4,400



acres, and its population, at the 1921 census, 1,795. From 1st April, 1926, the area of Rochford Rural District shall be 50,603 acres, instead of 55,003 acres as at present.

**SOCIAL CONDITIONS.** A large proportion of the adult population is engaged in agriculture and owing to the railway facilities, an increasing number of people engaged in business in Greater London reside in the district.

To a limited extent brick-making is carried on, but there are no large manufactories or works of any kind. A small number associated with the Batteries at Shoeburyness reside in the area.

The industries carried on in the district cannot be said to be detrimental to the health of those engaged therein.

The table on page 11 gives in detail the occupation of the inhabitants of the area at the 1921 census.

Through the kindness of your Clerk, I am able to give a series of interesting tables, which illustrates the remarkable growth of the district during recent years, and to supplement these tables I have ascertained the population of each parish at each census since 1801, for a period extending over 120 years. These are given on page 12.

In 1801 the population was 7687, from this date it showed a normal steady increase up to about 1871—local circumstances affected sometimes the population. For instance, the apparent increase in 1841 was attributed to the marked increase noticeable in the parish of Rayleigh, due to strangers attending a Horse Fair that was held there at the time the census was taken. From 1871 to 1891 the

population was practically stationary, during this period agriculture (upon which the inhabitants mainly depended) was not in a flourishing condition.

From 1891 onwards an abnormal increase took place, due to the popularity of parts of the area as residential localities for those employed outside the district.

Detailed figures for each parish are shown in the table on page 12. Here it is noticed that for certain years the population of Canvey is not given—the reason is that this was difficult to ascertain, as Canvey did not become a separate parish until 1880.

From 1851 to 1921 the population of the district doubled itself, still in 1851 there were over 200 more persons employed in the agricultural industry in the district than in 1921, and in parishes that are still purely agricultural, the population has remained more or less stationary. For instance, on referring to the table on page 12, it is seen that the population of Canewdon in 1821 was 732, while 100 years later, namely in 1921, it was only 511, a decline of over 200. The population in the parish of Paglesham in 1821 was 396, which declined in the next 100 years, to 357. These are given to illustrate that the increase of population is not due to a larger number of people being employed locally, but to the influx of persons into the district who are engaged in occupations outside the area.

In 1831, 70 per cent. of the adult male population was engaged in the agricultural industry. In 1921 there were 27 per cent. of the adult male population engaged in the agricultural industry. Details of occupations at the 1921 Census is given on page 11.



With such abnormal increase in the population, naturally the rateable and assessable value of the district has also increased, and as already stated, I am able to give these figures for a series of years—the rateable value is seen on page 92, and assessable value on page 93.

It is interesting to note that the increase of these values is not so rapid as the increase of population—a large number of dwelling houses are of low rateable value. The result is that the expenses incurred by the local authorities are advancing, as would be expected, more rapidly than the rateable value or even the population.

The table on page 98 gives the annual expenditure of the Guardians and Rural District Council, parish by parish since 1918.

That for Rural District Council for highways and sanitary services, is given on page 96.

That for special expenses on page 97.

That for the Guardians on page 95.

The produce of a 1d. in the £, parish by parish, since 1891, is given on page 94

The rate levied year by year in each parish, since 1915, is given on page 99.

These tables, I feel sure, shall be interesting and useful for future reference, both to members of the Council and their officials, and those who are familiar with the local conditions can realise that there are sanitary and social problems to be faced.

In such a rapidly growing district a permanent solution to the problems can only be arrived at by looking a good many years ahead.

The essence of economical administration is so to plan any works that future extensions can be dovetailed into them and thus avoid scrapping.

#### OVERCROWDING.

At the 1921 census there were 137 houses overcrowded—namely, with more than two persons per room, distributed as follows :—Ashingdon, 1; Barling, 2; Canewdon, 4; Canvey Island, 16; Eastwood, 24; Foulness, 5; Great Wakering, 17; Great Stambridge, 2; Hadleigh, 12; Hawkwell, 3; Hockley, 4; Little Wakering, 1; North Shoebury, 1; Rawreth, 3; Rayleigh, 13; Rochford, 8; South Benfleet, 5; South Fambridge, 2; and Thundersley, 14.—Total 137.



Table showing occupations of inhabitants of Rochford Rural District at the 1921 Census.

| Occupation.                                          | Rochford Rural District. |         |
|------------------------------------------------------|--------------------------|---------|
|                                                      | Males                    | Females |
| Total Population ... ..                              | 11,170                   | 11,693  |
| Aged 0—11 ... ..                                     | 2,476                    | 2,476   |
| Aged 12 and upwards ... ..                           | 8,694                    | 9,217   |
| Fishermen ... ..                                     | 28                       | ...     |
| Agricultural Occupations ... ..                      | 2,230                    | 158     |
| Mining and Quarrying Occupations ... ..              | 8                        | ...     |
| Makers of Coke, Lime, Cement, etc. ... ..            | 6                        | 1       |
| Makers of Bricks, Pottery, Glass ... ..              | 255                      | 2       |
| Workers in Chemicals, Paints, etc. ... ..            | 14                       | 1       |
| Metal Workers ... ..                                 | 294                      | 4       |
| Workers in Precious Metals ... ..                    | 11                       | ...     |
| Electrical Apparatus Makers, Fitters, etc. ... ..    | 50                       | ...     |
| Makers of Watches, etc. ... ..                       | 14                       | ...     |
| Workers in Skins, Leather Goods Makers ... ..        | 19                       | 3       |
| Textile Workers ... ..                               | 2                        | 7       |
| Makers of Textile Goods and Articles of Dress ... .. | 73                       | 124     |
| Makers of Foods, Drinks and Tobacco ... ..           | 122                      | 10      |
| Workers in Wood, etc. ... ..                         | 271                      | 4       |
| Paper Workers, Printers, etc. ... ..                 | 53                       | 11      |
| Builders, Bricklayers, etc. ... ..                   | 489                      | ...     |
| Painters and Decorators ... ..                       | 112                      | ...     |
| Workers in other Materials ... ..                    | 4                        | 6       |
| Workers in Mixed and Undefined Materials ... ..      | 36                       | 3       |
| Persons in Gas, Water, Electricity Supply ... ..     | 29                       | ...     |
| Transport Workers ... ..                             | 597                      | 35      |
| Commercial and Financial Occupations ... ..          | 708                      | 259     |
| Public Administration and Defence ... ..             | 209                      | 56      |
| Profession Occupations ... ..                        | 229                      | 226     |
| Persons Employed in Entertainments, etc. ... ..      | 64                       | 28      |
| Persons Employed in Personal Service ... ..          | 176                      | 809     |
| Clerks, Draughtmen, Typists, etc. ... ..             | 418                      | 244     |
| Warehousemen, etc. ... ..                            | 44                       | 6       |
| Stationary Engine Drivers, etc. ... ..               | 64                       | ...     |
| All other Occupations ... ..                         | 499                      | 9       |
| Total Occupied ... ..                                | 7,128                    | 2,006   |
| Unoccupied and retired ... ..                        | 1,566                    | 7,211   |
| Total Occupied and Unoccupied ... ..                 | 8,049                    | 9,217   |

Table giving Population at each Census since 1801, Classified according to Parish.

| Parish.           | Area in Acres<br>including<br>inland water. | 1801 | 1811 | 1821 | 1831  | 1841  | 1851  | 1861  | 1871  | 1881  | 1891  | 1901  | 1911  | 1921  |
|-------------------|---------------------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Ashington         | ...                                         | 59   | 102  | 97   | 98    | 119   | 99    | 99    | 111   | 91    | 97    | 178   | 243   | 276   |
| Barling           | ...                                         | 264  | 248  | 293  | 317   | 326   | 327   | 354   | 355   | 366   | 389   | 336   | 334   | 322   |
| Canewdon          | ...                                         | 569  | 621  | 732  | 675   | 723   | 702   | 664   | 716   | 714   | 597   | 495   | 511   | 511   |
| Eastwood          | ...                                         | 396  | 427  | 530  | 531   | 596   | 642   | 573   | 537   | 515   | 585   | 709   | 1367  | 1822  |
| Foulness          | ...                                         | 396  | 450  | 565  | 630   | 674   | 640   | 681   | 754   | 706   | 655   | 537   | 479   | 460   |
| Great Stambidge   | ...                                         | 277  | 359  | 401  | 405   | 431   | 392   | 363   | 393   | 299   | 334   | 331   | 314   | 311   |
| Great Wakering    | ...                                         | 674  | 670  | 776  | 834   | 860   | 905   | 1018  | 1213  | 1294  | 1638  | 1820  | 1842  | 1826  |
| Hadleigh          | ...                                         | 249  | 311  | 329  | 365   | 366   | 412   | 451   | 510   | 466   | 520   | 1343  | 1707  | 2246  |
| Havengore         | ...                                         | 19   | 25   | 23   | 21    | 18    | 25    | 25    | 22    | 31    | 18    | 9     | 10    | 14    |
| Hawkwell          | ...                                         | 220  | 264  | 362  | 329   | 366   | 349   | 334   | 320   | 269   | 300   | 326   | 565   | 672   |
| Hockley           | ...                                         | 612  | 719  | 784  | 777   | 850   | 838   | 798   | 721   | 619   | 666   | 905   | 932   | 1127  |
| Little Stambidge  | ...                                         | 90   | 115  | 100  | 105   | 126   | 136   | 125   | 136   | 164   | 142   | 117   | 171   | 200   |
| Little Wakering   | ...                                         | 222  | 179  | 262  | 297   | 301   | 292   | 283   | 269   | 284   | 276   | 277   | 396   | 436   |
| North Shoebury    | ...                                         | 202  | 185  | 210  | 226   | 202   | 192   | 193   | 199   | 196   | 184   | 205   | 277   | 335   |
| Paglesham         | ...                                         | 341  | 345  | 296  | 450   | 436   | 491   | 474   | 464   | 514   | 491   | 456   | 405   | 357   |
| Rawreth           | ...                                         | 196  | 223  | 327  | 321   | 387   | 416   | 386   | 350   | 331   | 323   | 365   | 441   | 525   |
| Rayleigh          | ...                                         | 897  | 1131 | 1203 | 1339  | 1651  | 1463  | 1433  | 1404  | 1327  | 1301  | 1773  | 2471  | 3125  |
| Rochford          | ...                                         | 1128 | 1214 | 1382 | 1526  | 1722  | 1704  | 1696  | 1589  | 1675  | 1612  | 1829  | 1821  | 2077  |
| Shoeland          | ...                                         | 36   | 43   | 34   | 48    | 43    | 61    | 80    | 75    | 86    | 56    | 54    | 65    | 70    |
| South Benfleet    | ...                                         | 338  | 401  | 515  | 533   | 707   | 570   | 573   | 586   | 681   | 569   | 1024  | 1305  | 1918  |
| South Fambridge   | ...                                         | 83   | 94   | 107  | 91    | 94    | 96    | 104   | 113   | 91    | 79    | 166   | 247   | 267   |
| Sutton            | ...                                         | 65   | 73   | 89   | 96    | 120   | 149   | 148   | 149   | 144   | 156   | 194   | 205   | 199   |
| Thundersley       | ...                                         | 354  | 441  | 550  | 526   | 596   | 492   | 531   | 583   | 516   | 556   | 809   | 1434  | 1972  |
| Totals            | ...                                         | 7687 | 8640 | 9967 | 10540 | 11714 | 11393 | 10386 | 11569 | 11379 | 11544 | 14258 | 17542 | 21068 |
| *Canvey Island... | ...                                         | —    | —    | —    | —     | —     | 111   | 241   | 249   | 282   | 327   | 307   | 583   | 1795  |
| Grand Totals      | ...                                         | 7687 | 8640 | 9967 | 10540 | 11714 | 11504 | 10627 | 11818 | 11661 | 11871 | 14565 | 18125 | 22863 |

\* Canvey Island was not a separate Parish until 1880, up to that time it was divided between the nine adjacent Parishes. No separate Register was kept prior to 1813, the entries were made in the Registers of these 9 Parishes. The population of the Island between 1801 and 1841 is not available.



### VITAL STATISTICS.

Deaths during the year :- 337 deaths were allotted to the district (185 males and 182 females), which gives a death rate equivalent to 12·2 per 1,000 of the population, which is the same as that for England and Wales during the same period.

Infantile death rate, namely, the number of deaths of infants under one year of age, was 30, which is equivalent to 53 per 1,000 births, as against 75 for the whole country.

BIRTHS. During the year there were 561 births (272 males—261 legitimate, 11 illegitimate ; 289 females—281 legitimate, 8 illegitimate. This gives a birth rate of 20·3 per 1,000 of the population compared with 18·3 for the whole country.

The Table on page 15 gives comparative figures for Rochford Rural District and other areas.

The following tabular statements give details of the number of deaths classified according to cause, sex and age:—

| CAUSES OF DEATH.                                                 | MALES. | FEMALES. | TOTALS. |
|------------------------------------------------------------------|--------|----------|---------|
| Enteric Fever ... ..                                             | —      | —        | —       |
| Smallpox ... ..                                                  | —      | —        | —       |
| Measles ... ..                                                   | —      | —        | —       |
| Scarlet Fever ... ..                                             | —      | 1        | 1       |
| Whooping Cough ... ..                                            | —      | 3        | 3       |
| Diphtheria ... ..                                                | 1      | 2        | 3       |
| Influenza ... ..                                                 | 1      | 3        | 4       |
| Encephalitis Lethargica ... ..                                   | 1      | 1        | 2       |
| Meningococcal Meningitis ... ..                                  | —      | —        | —       |
| Respiratory Tuberculosis ... ..                                  | 17     | 3        | 20      |
| Other tubercular diseases ... ..                                 | 4      | 1        | 5       |
| Cancer, Malignant Disease ... ..                                 | 18     | 16       | 34      |
| Rheumatic Fever ... ..                                           | —      | —        | —       |
| Diabetes ... ..                                                  | 2      | —        | 2       |
| Cerebral Hæmorrhage ... ..                                       | 14     | 9        | 23      |
| Heart disease ... ..                                             | 25     | 29       | 54      |
| Arterio-sclerosis... ..                                          | 4      | 1        | 5       |
| Bronchitis ... ..                                                | 7      | 12       | 19      |
| Pneumonia (all forms) ... ..                                     | 10     | 8        | 18      |
| Other Respiratory Diseases ... ..                                | 5      | 1        | 6       |
| Ulcer of Stomach or Duodenum ... ..                              | 4      | 1        | 5       |
| Diarrhoea (under 2 years) ... ..                                 | 4      | 2        | 6       |
| Appendicitis and Typhlitis ... ..                                | 2      | 1        | 3       |
| Cirrhosis of liver ... ..                                        | 2      | 2        | 4       |
| Acute and Chronic Nephritis ... ..                               | 2      | 1        | 3       |
| Puerperal sepsis ... ..                                          | —      | 1        | 1       |
| Other accidents and diseases of pregnancy and parturition ... .. | —      | 1        | 1       |
| Congenital debility and malformation, &c. ... ..                 | 11     | 5        | 16      |
| Suicide ... ..                                                   | 3      | 1        | 4       |
| Other deaths from violence ... ..                                | 10     | 2        | 12      |
| Other defined diseases ... ..                                    | 37     | 45       | 82      |
| Causes ill-defined or unknown... ..                              | 1      | —        | 1       |
| Totals ... ..                                                    | 185    | 152      | 337     |

#### DEATHS AT VARIOUS AGES.

| AGE.                 | NUMBER OF DEATHS. |
|----------------------|-------------------|
| Under 1 year ... ..  | 30                |
| 1 and under 2 ... .. | 4                 |
| 2 " 5 ... ..         | 2                 |
| 5 " 15 ... ..        | 5                 |
| 15 " 25 ... ..       | 10                |
| 25 " 45 ... ..       | 43                |
| 45 " 65 ... ..       | 77                |
| 65 and over ... ..   | 165               |
| Total ... ..         | 336 *             |

\* This total is one less than that given by the Registrar General.



# BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY during the Year 1925.

(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1925, while those for the towns have been calculated on populations estimated to the middle of 1924. 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<br>PER 1,000<br>TOTAL<br>POPULA-<br>TION. | ANNUAL DEATH-RATE PER 1,000<br>CIVILIAN POPULATION. |                |            |          |                |                    |             |            | RATE PER<br>1,000 BIRTHS. |                                                |                                 | PERCENTAGE<br>OF TOTAL DEATHS.                                            |                |                                     |
|-----------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|----------------|------------|----------|----------------|--------------------|-------------|------------|---------------------------|------------------------------------------------|---------------------------------|---------------------------------------------------------------------------|----------------|-------------------------------------|
|                                                                       |                                                      | All Causes.                                         | Enteric Fever. | Small-pox. | Measles. | Scarlet Fever. | Whooping<br>Cough. | Diphtheria. | Influenza. | Violence.                 | Diarrhoea and<br>Enteritis<br>(under 2 years). | Total Deaths<br>(under 1 Year). | Causes of<br>Death certified<br>by Registered<br>Medical<br>Practitioners | Inquest Cases. | Uncertified<br>Causes<br>of Deaths. |
| England and Wales ...                                                 | 18.3                                                 | 12.2                                                | 0.01           | 0.00       | 0.13     | 0.03           | 0.15               | 0.07        | 0.32       | 0.47                      | 8.4                                            | 75                              | 92.1                                                                      | 6.9            | 1.0                                 |
| 105 County Boroughs and<br>Great Towns, including<br>London ...       | 18.8                                                 | 12.2                                                | 0.01           | 0.00       | 0.17     | 0.03           | 0.18               | 0.09        | 0.30       | 0.43                      | 10.8                                           | 79                              | 92.1                                                                      | 7.3            | 0.6                                 |
| 157 Smaller Towns (1921<br>Adjusted Populations<br>20,000-50,000) ... | 18.3                                                 | 11.2                                                | 0.01           | 0.00       | 0.15     | 0.02           | 0.14               | 0.06        | 0.31       | 0.38                      | 7.6                                            | 74                              | 93.0                                                                      | 5.9            | 1.1                                 |
| London ...                                                            | 18.0                                                 | 11.7                                                | 0.01           | 0.00       | 0.08     | 0.02           | 0.19               | 0.11        | 0.23       | 0.46                      | 10.6                                           | 67                              | 91.1                                                                      | 8.9            | 0.0                                 |
| Rochford Rural District ...                                           | 20.3                                                 | 12.2                                                | 0.00           | 0.00       | 0.00     | 0.03           | 0.11               | 0.11        | 0.14       | 0.44                      | 10.6                                           | 53                              | 91.5                                                                      | 4.7            | 3.8                                 |

The natural increase in the population, namely, the excess in the number of births over the number of deaths, is shown in the following tabular statement for each year since 1910.

During 1910 there were 420 births and 172 deaths, giving a natural increase of 248

|   |      |   |     |   |     |   |   |   |     |
|---|------|---|-----|---|-----|---|---|---|-----|
| " | 1911 | " | 377 | " | 230 | " | " | " | 147 |
| " | 1912 | " | 384 | " | 178 | " | " | " | 206 |
| " | 1913 | " | 391 | " | 278 | " | " | " | 113 |
| " | 1914 | " | 396 | " | 236 | " | " | " | 160 |
| " | 1915 | " | 374 | " | 256 | " | " | " | 118 |
| " | 1916 | " | 354 | " | 226 | " | " | " | 128 |
| " | 1917 | " | 288 | " | 239 | " | " | " | 49  |
| " | 1918 | " | 324 | " | 249 | " | " | " | 75  |
| " | 1919 | " | 301 | " | 246 | " | " | " | 55  |
| " | 1920 | " | 461 | " | 233 | " | " | " | 228 |
| " | 1921 | " | 414 | " | 246 | " | " | " | 168 |
| " | 1922 | " | 448 | " | 254 | " | " | " | 194 |
| " | 1923 | " | 501 | " | 275 | " | " | " | 226 |
| " | 1924 | " | 491 | " | 291 | " | " | " | 200 |
| " | 1925 | " | 561 | " | 337 | " | " | " | 224 |

The increase of population as shown by the Census returns is much in excess of the natural increase, which means that each year there is an influx of population into the district from outside the area.

POOR LAW RELIEF. Particulars of the expenditure incurred by the Guardians, parish by parish, for a series of years, is shown on page 95.



## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

The District Council consists of 27 elected members (after 1st April, 1926, of 25 members, as on that date Canvey becomes an Urban District).

The Council meets monthly. There are the following Committees dealing directly or indirectly with health matters :

Public Health Committee.

Housing Committee.

Town Planning and Plans Committee.

Finance Committee.

General Purposes Committee.

The Council is represented on the South-East Essex United Districts (Medical Officer of Health) Committee, and the Joint Hospital Committee (on this Committee there are four members appointed by Shoeburyness Urban Council).

Agenda papers and reports of the Committees are sent out to all members before each Council Meeting.

The minutes of the Council are circulated.

Hospitals provided or subsidised by the Local Authority or by the County Council :—

- 1.—Tuberculosis Hospitals. These are provided by the County Council. None of the Institutions so provided are in Rochford Rural District.
- 2.—Maternity. No Maternity Hospital is provided for the District. The only provision in the area is that provided by the Board of Guardians.

3.—Children.—No Hospital for Children is provided for the District.

4.—Fever Hospital. --Prior to 1901 Swaines Farm, Hawkwell was used as the Isolation Hospital. In 1901 the present Isolation Hospital at Sutton Ford was erected and was taken over at the end of November of that year, but the first case was not admitted until 1902.

The accommodation consisted of :—

Administrative Block with Dining Room, Matron's Room, Kitchen and Bath Room on ground floor, and 6 Bedrooms on first floor.

Two wards (each with accommodation for 3 beds) and duty room.

Two wards (each with accommodation for 3 beds) and duty room.

Later a temporary wooden pavilion for accommodation for 8 beds was erected but no separate wards. There are also provided the necessary out-houses, such as wash-house and disinfector. The Motor Ambulance is housed at the Hospital.

For further particulars see page 20.

In 1919 an improvement was made by the installation of a hot-water system in the wards. This is provided by an independent boiler in one of the kitchens.

In 1914 the District Council approved of an extension to the Hospital, but this was not proceeded with owing to the war,



The Hospital is administered by a Joint Committee representing Rochford Rural and Shoeburyness Urban Districts.

- 5.—Smallpox. Between 1901 and 1904, Swaines Farm, Hawkwell, was used for Smallpox cases. Since 1904 the Smallpox Hospital situated at Nobles Green, Eastwood has been in use.

The accommodation is for 10 beds in two wards.

The building is of a temporary nature.

For further particulars see page 23.

- 6.—Other Hospitals.—There is no General Hospital in the District, and cases requiring in-patient treatment at a General Hospital are sent to Southend-on-Sea and London. In the Hospital provided by the Board of Guardians with two resident Medical Officers, many cases are being treated there that used to be treated in Southend-on-Sea Hospital.

Institutional Provision for Unmarried mothers, illegitimate infants and homeless children in the area :—

The only accommodation is that provided by the Board of Guardians.

Ambulance Facilities.—(a) For infectious diseases there is a Motor Ambulance which is housed at the Isolation Hospital at Sutton Ford.

(b) For non-infectious and accident cases. None provided by the District Council.

Clinics and Treatment Centres.—Maternity and Child Welfare Centres, School Clinics, Tuberculosis Dispensaries and Treatment Centres for Venereal Diseases are under the jurisdiction of the County Council. There are no Day Nurseries in the District.

## ISOLATION HOSPITAL ACCOMMODATION.

The following is an abstract from the Return made to Ministry of Health relating to Isolation Hospital Accommodation for the district.

Name of Authority?—Rochford Rural District Council.

Name of Hospital?—Sutton Ford Isolation Hospital.

A.

Where is the hospital situated?—Sutton Ford, Eastwood.

Site. Area in acres?—About two acres.

Is there room on the site for extension?—No.

Can the site be extended?—Yes.

Is the approach road satisfactory?—Yes.

Fencing :—

Is the site completely fenced in?—Yes.

State nature and height of fencing?—Corrugated, 6ft. 6in. high.

Water Supply :—

Public supply or other source?—Southend Water Works Company's mains. Public supply.

Is the supply adequate for all purposes?—Yes.

Sewage disposal, means of?—Septic tank and filter.

Heating, Means of?—Open fireplaces.

Lighting (artificial) means of?—Paraffin lamps.

State number of separate buildings?—Four.

Of what materials are they constructed?—Stock brick, except corrugated iron block.

Are the buildings not less than forty feet from each other and from the boundary fence?—No.

Accommodation for Patients :—

Total number of blocks or pavilions?—Two (one is of corrugated iron).

Total number of wards?—Six (two wards in corrugated iron block).



Any discharge block?—No.

What diseases are usually treated?—Scarlet Fever, Diphtheria and Enteric Fever.

Administrative Accommodation :—

Is it adequate for all the nursing and domestic staff employed?—Yes.

What number of (a) nursing and (b) domestic staff can be accommodated?—(a) three nurses and matron ;  
(b) Two domestic staff.

Are the kitchen and cooking arrangements adequate?—Yes.

Are telephones installed?—Yes.

Is there a laundry at the hospital; power or hand?—Yes, hand.

Is it adequate?—No.

Is there disinfecting apparatus at the hospital?—If so, state type?—Yes ; Thresh Steam Disinfector.

Is an ambulance kept at the hospital? Motor or horse?—Yes. Motor Ambulance.

Is there a Mortuary at the hospital?—Yes.

Is there a porter's lodge?—No.

Are there cottages at the hospital for outdoor staff?—No.

Is there a resident Medical Officer?—No.

## DETAILS OF WARDS IN THE HOSPITAL.

State the number of blocks or pavilions, the number of wards in each and the dimensions of each ward.

| Ward Blocks                | Number of Wards |             | Dimensions of each Ward |         |            |  |
|----------------------------|-----------------|-------------|-------------------------|---------|------------|--|
|                            | in each Block   | Ward Number | Length                  | Breadth | Height     |  |
| No. 1                      | 4               | 1           | 25ft.                   | 18ft.   | 13ft.      |  |
|                            |                 | 2           | 24ft.                   | 18ft.   | 13ft.      |  |
|                            |                 | 3           | 24ft.                   | 18ft.   | 13ft.      |  |
|                            |                 | 4           | 25ft.                   | 18ft.   | 13ft.      |  |
| No 2<br>Corrugated<br>Iron | 2               | 1           | 25ft.                   | 16ft.   | 13ft. 6in. |  |
|                            |                 | 2           | 25ft.                   | 16ft.   | 13ft. 6in. |  |

Total number of beds, allowing 144 square feet of floor space for each bed?—Seventeen (Five in Corrugated iron block).

*B.*

Sanitary Districts from which patients are admitted to the hospital :—

| <i>Name of District.</i>        | <i>Population of District.</i> |
|---------------------------------|--------------------------------|
| Rochford Rural District ... ..  | 22,863 (Census 1921)           |
| Shoeburyness Urban District ... | 6,413 (Census 1921)            |
|                                 | <hr/> 29,276 <hr/>             |

Canvey Island with a population of 1,795 is now an Urban District.

*C.*

If the Authority have, no hospital of their own for Smallpox, or for other infectious diseases, the following information should be given :—

1. Are the Authority a constituent member of :—

- |                                                                                                                                    |     |
|------------------------------------------------------------------------------------------------------------------------------------|-----|
| (1) a Joint Hospital Board ;                                                                                                       | No  |
| (2) a Joint Committee under the Isolation Hospital Acts ;                                                                          | No  |
| (3) a Voluntary Joint Committee under Section 57 of the Local Government Act, 1894, or Section 131 of the Public Health Act, 1875? | Yes |



If so, state name of the Joint Hospital Board or Joint Committee and the name and address of the Clerk.

Mr. Harding Roberts, 40, Clarence Street, Southend-on-Sea

2. Are cases of Smallpox or of other infectious diseases sent to the Hospital of a neighbouring Authority?—No.

If so, state the name of that Authority, and the diseases to which the arrangement applies.

#### SMALLPOX HOSPITAL ACCOMMODATION.

Name of Authority?—Rochford Rural District Council.

Name of Hospital?—Small Pox Hospital, Nobles Green, Eastwood.

A.

Where is the hospital situated?—Nobles Green, Eastwood.

Site. Area in acres?—Twelve acres approximately.

Is there room on the site for extension?—Yes.

Can the site be extended?—Not necessary.

Is the approach road satisfactory?—Unmade road (poor).

Fencing :—

Is the site completely fenced in?—Yes.

State nature and height of fencing?—Barbed wire fencing, seven feet high.

Water Supply :—

Public supply or other source?—Rainwater.

Is the supply adequate for all purposes?—No.

Sewage disposal, means of?—Earth closets.

Heating, means of?—Slow combustion stoves.

Lighting (artificial) means of?—Paraffin lamps.

State number of separate buildings?—One, and washhouse and coach house.

Of what materials are they constructed?—Corrugated iron.

Are the buildings not less than forty feet from each other and from the boundary fence?—No.

## Accommodation for Patients :—

Total number of blocks or pavilions?—One.

Total number of Wards?—Two Wards.

Total number of beds, allowing 144 square feet of floor space for each bed?—Three beds.

Any discharge block?—No.

What diseases are usually treated?—Smallpox.

## Administrative Accommodation :—

Is it adequate for all the nursing and domestic staff employed?—No. ...

What number of (a) nursing and (b) domestic staff can be accommodated?—Two nurses; one day and one night.

Are the kitchen and cooking arrangements adequate?—Yes.

Are telephones installed?—No.

Is there a laundry at the hospital; power or hand?—Yes, hand.

Is it adequate?—Yes.

Is there disinfecting apparatus at the hospital?—If so, state type—No.

Is an ambulance kept at the hospital? Motor or horse?—Horse ambulance.

Is there a Mortuary at the hospital?—No.

Is there a porter's lodge?—No.

Are there cottages at the hospital for outdoor staff?—No.

Is there a resident Medical Officer?—No.

## DETAILS OF WARDS IN THE HOSPITAL.

State the number of blocks or pavilions, the number of wards in each and the dimensions of each ward.

| Ward  | Number of Wards |               | Ward   | Dimensions of each Ward |         |        |
|-------|-----------------|---------------|--------|-------------------------|---------|--------|
|       | Blocks          | in each Block | Number | Length                  | Breadth | Height |
| No. 1 | ...             | 2             | 1      | 20ft.                   | 16ft.   | 12ft.  |
|       |                 |               | 2      | 20ft.                   | 11ft.   | 12ft.  |



In the case of a Smallpox hospital, state :—

(a) the total population within a radius of quarter-  
of a mile from the hospital ... 220 population

(b) the total population within a radius of half a  
mile from the hospital ... 776 population

*B.*

Sanitary Districts from which patients are admitted to  
the hospital :—

| <i>Name of District.</i>        | <i>Population of District.</i> |
|---------------------------------|--------------------------------|
| Rochford Rural District ...     | 22,163 (Census 1921)           |
| Shoeburyness Urban District ... | 6,413 (Census 1921)            |
|                                 | <hr/> 29,276 <hr/>             |

Canvey Island with a population of 1,795 is now an  
Urban District.

*C.*

If the Authority have no hospital of their own for  
Smallpox, or for other infectious diseases, the following  
information should be given :— ...

1. Are the Authority a constituent member of :—

- |                                                                                                                                          |      |
|------------------------------------------------------------------------------------------------------------------------------------------|------|
| (1) a Joint Hospital Board;                                                                                                              | No.  |
| (2) a Joint Committee under the Isolation Hos-<br>pital Acts;                                                                            | No.  |
| (3) a Voluntary Joint Committee under Section<br>57 of the Local Government Act, 1894, or<br>Section 131 of the Public Health Act, 1875? | Yes. |

If so, state name of the Joint Hospital Board or Joint Committee and the name and address of the Clerk.

Mr. Harding Roberts, 40, Clarence Street, Southend-on-Sea

2. Are cases of Smallpox or of other infectious diseases sent to the hospital of a neighbouring Authority?-No.

If so, state the name of that Authority, and the diseases to which the arrangement applies.



## PUBLIC HEALTH OFFICERS.

|                                |     |     |                                                                                                                                                                                                                                                            |
|--------------------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| W. Harding Roberts             | ... | ... | Clerk                                                                                                                                                                                                                                                      |
| E. A. Hawkins                  | ... | ... | Assistant Clerk                                                                                                                                                                                                                                            |
| John F. Macdonald,             |     |     |                                                                                                                                                                                                                                                            |
| M.D.D.P.H.                     |     |     | Medical Officer of Health,<br>who is also Medical Officer of<br>Health for the Chelmsford<br>and Maldon Rural Districts                                                                                                                                    |
| Miss Olive H. Gowers,          |     |     |                                                                                                                                                                                                                                                            |
| Cert. R. San. I.               |     |     | Clerk to the Medical Officer<br>of Health                                                                                                                                                                                                                  |
| Bertram G. Ellis, A.R. San. I. |     |     | Sanitary Inspector and Hous-<br>ing Inspector under the<br>Housing and Town Planning<br>Act, 1909.                                                                                                                                                         |
| L. Ager, A.R. San. I.          | ... | ... | Assistant Sanitary Inspector.                                                                                                                                                                                                                              |
| W. E. Blake                    | ... | ... | Clerk to the „ „                                                                                                                                                                                                                                           |
| Inspector Thomas               |     |     |                                                                                                                                                                                                                                                            |
| (of R.S.P.C.A.)                |     |     | Part time (unpaid) Assistant<br>Sanitary Inspector. His duty<br>is to visit slaughter houses to<br>see that the Council's Byelaw<br>relating to the use of a mech-<br>anically operated instrument<br>for the slaughtering of<br>animals is complied with. |
| A. C. Madge                    | ... | ... | Surveyor                                                                                                                                                                                                                                                   |
| N. V. Timmus                   | ... | ... | 1st Assistant to Surveyor                                                                                                                                                                                                                                  |
| J. Potter                      | ... | ... | 2nd „ „                                                                                                                                                                                                                                                    |
| H. J. Heck                     | ... | ... | Town Planning Assistant                                                                                                                                                                                                                                    |
| W. Duff                        | ... | ... | Building Inspector                                                                                                                                                                                                                                         |

## PROFESSIONAL NURSING IN THE HOME.

(a) General.—No arrangements have been made by the District Council, but for General Nursing there are a number of local Nursing Associations throughout the district that employ nurse-midwives. These are under the supervision of the County Nursing Association, and the District Council has no control either direct or indirect, over these Associations.

(b) For Infectious Diseases.—No arrangement has been made by the District Council.

Midwives.—None are subsidized by the District Council. There were 17 midwives practising in the district at the end of 1925.

Chemical Work.—Water analysis is undertaken by the District Council. During the year there were 14 samples analysed.



## LEGISLATION IN FORCE.

The Council has the following Urban powers :—

Confirmed by the Local Government Board, March 1892, 17th January, 1895, and 23rd March, 1898, under the Public Health Act, 1875.

| Section. | Subject.                      | Parishes to which powers apply.                                                                                                                                                                                                                                                                                                                 |
|----------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 42       | Removal of House Refuse, etc. | Hadleigh, Eastwood, Rayleigh, Rochford and Great Wakering, (19th March, 1892).<br><br>South Benfleet, Hockley and Thundersley, (17th January, 1895).<br><br>Ashingdon, Barling, Canewdon, South Fambridge, Hawkwell, Paglesham, Rawreth, North Shoebury, Shopland, Great and Little Stambridge, Sutton and Little Wakering, (22nd March, 1898). |

Confirmed by Local Government Board, 22nd March, 1898.

|    |                                                                                   |                                                                             |
|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 44 | Powers to make Bye-laws for Prevention of nuisances arising from snow, filth, &c. | Whole district with the exception of Canvey Island, Foulness and Havengore. |
|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|

|          |          |                                 |
|----------|----------|---------------------------------|
| Section. | Subject. | Parishes to which powers apply. |
|----------|----------|---------------------------------|

Conferred 10th June, 1920.

|     |                   |                                   |
|-----|-------------------|-----------------------------------|
| 171 | Hackney Carriages | Canvey Island and South Benfleet. |
|-----|-------------------|-----------------------------------|

Confirmed by Ministry of Health, 16th September, 1921.

|           |                                                         |                     |
|-----------|---------------------------------------------------------|---------------------|
| 169, 170, | Powers to make Bye-laws with respect to slaughterhouses | The whole district. |
|-----------|---------------------------------------------------------|---------------------|

(also 29, 30 and 31 of Public Health Acts (Amendment) Act, 1890).

Conferred, February, 1925.

|     |                           |                 |
|-----|---------------------------|-----------------|
| 161 | Urban Powers for Lighting | South Benfleet. |
|-----|---------------------------|-----------------|

Conferred, November, 1925.

Fixing of Fire Hydrants in  
Kiln Road, Thundersley,  
expenses divided be-  
tween Thundersley and  
South Benfleet.

Adoptive Acts.

Public Health Acts (Amend-  
ment) Act, 1907

|                                                                                                            |                                                                                            |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Sections 15, 16, 17, 18, 20, 22,<br>23, 24, 25, 26, 28, 29, 30,<br>31, 32, and 33 comprised<br>in Part II. | Came in force on the 6th<br>December, 1909, and is<br>applicable to the whole<br>district. |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|



Sections 34, 35, 36, 37, 38, 44,  
45, 46 and 50 comprised  
in Part III.

Sections 52 to 60 inclusive, 62  
63, 64, 65, 67 and 68 com-  
prised in Part IV.

Part V. Sections 69 to 75, in-  
clusive

Section 43 in Part III. is limited to the following parishes :—

South Benfleet, Hadleigh, Hockley, Rayleigh, Rochford and  
Thundersley.

Private Street Works Act, 1892, was adopted for the construc-  
tion of certain roads in the parishes of Hadleigh and Ray-  
leigh.

Bye-laws and Regulations adopted :—

1. Relating to the cleansing of footways and pavements,  
removal of house refuse and the cleansing of earth  
closets, privies, ashpits and cesspools.

Adopted 1892, for the parishes of Hadleigh, Eastwood,  
Rayleigh, Rochford and Great Wakering.

Adopted 1895, for the parishes of South Benfleet,  
Hockley and Thundersley.

Adopted 1898 for the parishes of Ashingdon, Barling,  
Canewdon, South Fambridge, Hawkwell, Paglesham,  
Rawreth, North Shoebury, Shopland, Great Stambridge,  
Little Stambridge, Sutton and Little Wakering.

2. Relating to prevention of nuisances from snow, filth, rubbish, etc.

Adopted 1898. Apply to the whole district with the exception of Canvey Island, Foulness and Havengore.

3. Relating to tents, vans, sheds.

Adopted 1905. Apply to the whole district.

4. Regulations as to diaries, cowsheds, etc.

Adopted 1905. Apply to the whole district.

5. Relating to new streets and buildings.

Adopted 1914 (replacing those of 1906). Apply to the whole district except Foulness and Havengore. Revision of these Bye-laws is under consideration.

6. Hackney Carriages and Omnibuses. Bye-laws 29th August, 1921 (Hackney Carriages) 22nd June, 1923 (Omnibuses) as regards the contributory places of Canvey Island and South Benfleet.

7. Slaughter Houses. Bye-laws allowed by Ministry of Health, 11th July, 1922, and apply to whole district.



## WATER SUPPLY.

In 1900 the District Council sunk a deep well in South Benfleet, and by August, 1903, mains were laid to supply houses, mainly in the parishes of Rochford and South Benfleet. This scheme was known as "The Western District Water Scheme," and was intended to supply water to houses in the parishes of South Benfleet, Hadleigh, Rayleigh, Hockley, Hawkwell and Rochford. In 1904 and 1906 extensions of mains were undertaken in all the parishes.

This Scheme during 1914 was taken over by the Southend Waterworks Company, and since then water is supplied to these parishes by that Company.

In July, 1905, the Local Government Board held an enquiry relating to an application made by the Council for the supply of water to Great Wakering from the mains of the Southend Waterworks Company. This was approved, and by the end of 1906 water was supplied from the Company's mains by means of standpipes. During 1912 the Great Wakering water supply was transferred to the Southend Waterworks Company, and owners of houses were expected to connect their houses to the mains within three years from that date.

At the present time, with the exception of Foulness, all the water mains in the district belong to the Southend Waterworks Company. To further increase their supply of water, the Company promoted a Bill in Parliament for abstracting water from the rivers Chelmer and Blackwater,

This was authorised by "The Southend Waterworks Act, 1924," and during 1925 the works were under construction.

From time to time the service mains of the Company are extended.

(a) On the Company's own initiative.

(b) Under a contract with the District Council, who guarantee an income from water rates as a result of the extension, up to an agreed sum, for three consecutive years. Under (b) a number of extensions were carried out, notably the extension of the mains to supply the parish of Rawreth in 1923 and Canewdon in 1924. Prior to this, these parishes had no proper water supply, and water was bought from the water cart at so much per pail. Under (a) and (b), during the last five years the Company extended their service mains in the Rochford Rural District as follows:—



| PARISH.            | EXTENSION IN YARDS DURING YEAR. |      |       |       |       | TOTALS. |        |
|--------------------|---------------------------------|------|-------|-------|-------|---------|--------|
|                    | 1921                            | 1922 | 1923  | 1924  | 1925  | Miles.  | Yards. |
| Ashington ...      | ...                             | 290  | ...   | ...   | ...   | ...     | 290    |
| Canewdon ...       | ...                             | ...  | 134   | 7000  | ...   | 4       | 94     |
| Eastwood ...       | ...                             | 995  | 478   | 439   | 499   | 1       | 651    |
| Great Wakering ... | ...                             | ...  | 507   | ...   | ...   | ...     | 507    |
| Hadleigh ...       | 108                             | 679  | 2074  | 1106  | 2104  | 3       | 791    |
| Hawkwell ...       | ...                             | 593  | 1376  | 187   | 1650  | 2       | 286    |
| Hockley ...        | ...                             | ...  | 1777  | 6156  | 1809  | 5       | 942    |
| Rayleigh ...       | 295                             | 506  | 826   | 1284  | 3811  | 3       | 1442   |
| Rawreth ...        | ...                             | ...  | 9904  | 762   | 253   | 6       | 359    |
| Rochford ...       | 56                              | ...  | 35    | 364   | 156   | ...     | 611    |
| South Benfleet ... | 1175                            | 1021 | 955   | 1857  | 1091  | 3       | 819    |
| Thundersley ...    | ...                             | 590  | 1413  | 4001  | 1484  | 4       | 448    |
| Totals ...         | 1634                            | 4674 | 19479 | 23156 | 12857 | 35      | 200    |
| Canvey Island ...  | 70                              | 492  | 453   | 1835  | 480   | 1       | 1570   |
| Grand Totals ...   | 1704                            | 5166 | 19932 | 24991 | 13337 | 37      | 10     |

During the five years ending 31st December, 1925, there were 2,519 more houses supplied from the Southend Waterworks Company's mains than on the 31st December, 1920. At that date 2,045 houses were supplied, while on 31st December, 1925, there were 4,564, which is more than double that of 1920.

The following Table gives the approximate number of dwelling-houses in the parishes and the number supplied from the Southend Company's mains on 31st December, 1925.

| PARISH.                | NUMBER OF HOUSES ON 31st DECEMBER, 1925. |                      |
|------------------------|------------------------------------------|----------------------|
|                        | In Parish (Estimated).                   | Supplied from Mains. |
| Ashingdon ... ..       | 117                                      | 37                   |
| Barling ... ..         | 93                                       | 9                    |
| Canewdon ... ..        | 143                                      | 93                   |
| Eastwood ... ..        | 469                                      | 411                  |
| Great Wakering... ..   | 461                                      | 91                   |
| Hadleigh ... ..        | 695                                      | 575                  |
| Hawkwell ... ..        | 280                                      | 205                  |
| Hockley ... ..         | 397                                      | 406                  |
| Little Wakering ... .. | 103                                      | 16                   |
| Rawreth ... ..         | 133                                      | 128                  |
| Rayleigh ... ..        | 1027                                     | 809                  |
| Rochford ... ..        | 451                                      | 422                  |
| Shopland ... ..        | 13                                       | 2                    |
| South Benfleet ... ..  | 825                                      | 757                  |
| South Fambridge ... .. | 58                                       | 1                    |
| Sutton... ..           | 46                                       | 2                    |
| Thundersley ... ..     | 724                                      | 471                  |
| Totals ... ..          | 6035                                     | 4435                 |
| Canvey Island ... ..   | 951                                      | 129                  |
| Grand Totals ... ..    | 6986                                     | 4564                 |



It is hoped that further extensions of the mains shall be undertaken in the near future, especially with regard to the parishes of Barling and Little Wakering.

The map facing page 40 shows the extent of the water mains throughout the whole district.

The water supplied by the Company is of good quality.

At present the scale of charges made by the Southend Waterworks Company for water supplies is as follows.—

For domestic supplies: 14 per cent. of the annual rental value of the premises (for example- dwelling-house of annual rental of £25, the charge is £3/10/0 a year, or 17/6 a quarter, but all dwelling-houses of annual rental value of £7 and under, the charge is at the rate of 4/10 per quarter).

In addition, for every W.C. beyond the first there is an extra charge of 2/6 per quarter.

In addition, for every bath, capacity not exceeding 50 gallons, an extra charge of 5/- per quarter.

Bath exceeding 50 gallons capacity, or of a special type, by agreement.

For offices, shops and warehouses not used as dwelling-houses, and where there are no special trade requirements for water, the charge is half the ordinary domestic charges, but the scale of charges outlined above for W.C.'s and baths is the same as for dwelling-houses.

The Company has also a scale of charges for water supplied by meter for gardens, lawns and fire supplies, etc.

When the new works at present under construction at Langford, authorised by the Southend Waterworks Act, 1924, are completed, it is possible that the above charges may be varied.

The following is a copy of an analysis (which is typical) of a sample taken from a consumer's tap, furnished by Doctors Thresh and Beale, with permission of the Water Company,

|                                        |     |     |   | Parts per 100,000.               |
|----------------------------------------|-----|-----|---|----------------------------------|
| Turbidity...                           | ... | ... | = | Clear and bright.<br>No deposit. |
| Colour                                 | ... | ... | = | Normal.                          |
| Odour                                  | ... | ... | = | None.                            |
| Reaction Ph.                           | ... | ... | = | Neutral 9.0                      |
| Electric Conductivity<br>at 20° c.     | ... | ... | = | 1690                             |
| Total solids, 180° c.                  | ... | ... | = | Not estimated                    |
| Chlorine in Chlorides                  | ... | ... | = | 35.6                             |
| Nitrogen in Nitrates                   | ... | ... | = | Absent                           |
| Nitrites or Free Chlorine              | ... | ... | = | Absent                           |
| Hardness : Permanent                   | ... | ... | = | 0.5                              |
| Temporary                              | ... | ... | = | 2.25                             |
| Total                                  | ... | ... | = | 2.75                             |
| Lead, Copper, Zinc, Iron               | ... | ... | = | Minute trace                     |
| Free Ammonia                           | ... | ... | = | 0.0000                           |
| Albuminoid Ammonia                     | ... | ... | = | 0.0010                           |
| Oxygen absorbed in<br>3 hrs. at 37° c. | ... | ... | = | 0.0230                           |



No. of Bacteria per c.c. :

On Gelatine in 3 days = 306

On Agar in 24 hours = 78

The Bacillus Coli ... = Absent in 100 c.c.

The Bacillus Enteri-  
tidis Sporogenes ... = Absent in 100 c.c.

Report : "This is a pure and wholesome water, well adapted therefore for the purposes of Public Supply."

The following are the particulars of the water supplies of the remaining areas in the district not at present served by the Southend Waterworks Company.

| Parish.    | Census 1921<br>population. | Supply.                                                                                                                                                                                                                                                                                                              |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ashingdon. | ... 276 ...                | Two private wells (deep) and shallow wells and rain-water tanks. The Southend Waterworks Company have sunk a deep well at South Fambridge and a pumping main laid (12 inch) through this parish and Rochford, joining up at Prittlewell. The number of houses supplied by the Water Company is gradually increasing. |
| Barling.   | ... 322 ...                | Shallow wells. The Southend Waterworks Company supply a few houses in this parish, but there is need of an extension of the mains.                                                                                                                                                                                   |

Canvey Island ... 1795 ... A large number of houses depend solely on rain water. The Southend Waterworks Company have sunk a deep well, and the number of houses supplied by the Company is gradually increasing.

Foulness. ... 460 ... Prior to 1914 there was a deep well at Church End, about 450 feet deep. At that time an overhead tank of 4,000 gallons capacity was provided, to which the water was pumped by an oil engine. From the tank it gravitated to standpipes to supply about 42 houses. During 1914 the Government bought the Island, and now there are four tanks, with an approximate capacity of 33,000 gallons. The mains have been extended, as shown on the map facing page 40. The scale of charges in Foulness at the present time is 10/- per annum for the use of a standpipe and £1 per annum if the water is laid on inside the house.

Gt. Stambridge ... 311 ... Public well and private wells.

Lt. Stambridge ... 200 ... Private shallow wells.

Havengore ... 14 ... Private deep well.



ROCHFORD RURAL DISTRICT.—Water Mains, December, 1925.



Reproduced from the Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office, and Printed by Francis & Sons, Rochford.

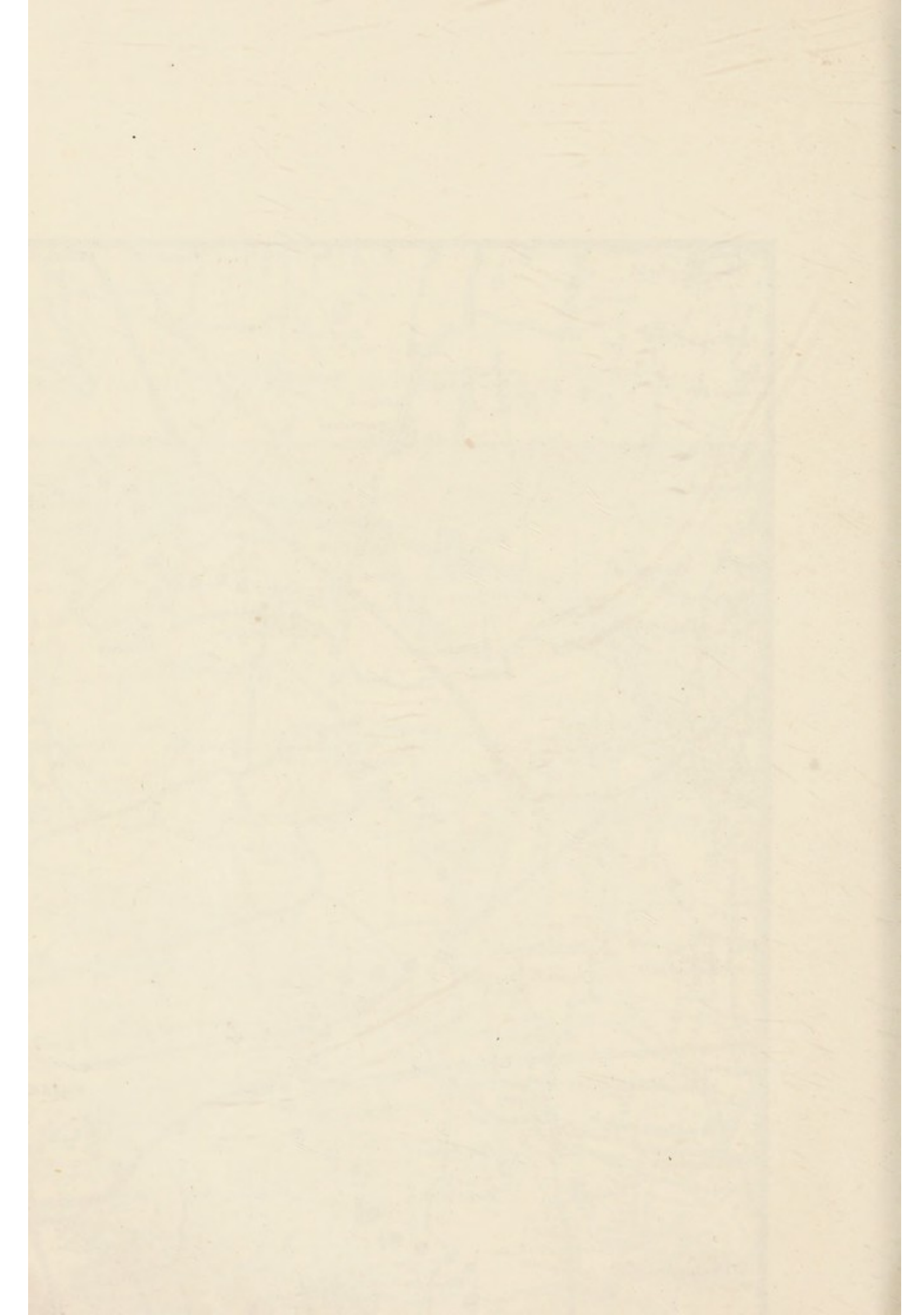
REFERENCE.

..... Boundary of the District on 1/4/26.

———— Service Mains of Southend Water Company.

- - - - - New Pumping Main (Southend Water Company) from Langford near Maldon.

———— Mains on Foulness belonging to Government.





|                   |             |                                                                                                                                                                       |
|-------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lt. Wakering      | ... 436 ... | Private shallow wells.                                                                                                                                                |
| North Shoebury... | 335 ...     | Private shallow wells.                                                                                                                                                |
| Paglesham         | ... 357 ... | Private shallow wells.                                                                                                                                                |
| Shopland          | ... 70 ...  | Private shallow wells.                                                                                                                                                |
| Sth. Fambridge... | 267 ...     | Deep well and shallow wells.<br>Already arrangements have been made with the Waterworks Company to extend the main to the village, which will supply about 50 houses. |
| Sutton            | ... 199 ... | Private shallow wells.                                                                                                                                                |

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#### RIVERS AND STREAMS.

*These are referred to on page 6.*

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#### DRAINAGE AND SEWERAGE.

ROCHFORD. The works which were completed in August, 1916, consisted of 5,729 yards (about  $3\frac{1}{4}$  miles of sewers (895 yards of 12 inch, 2,421 yards of 9 inch, 1,895 yards of 8 inch and 528 yards 7 inch) with manholes at all horizontal and vertical angles. Ventilators of cast iron shafts are provided at convenient points.

The sewage flows into Detritus tanks (in duplicate) provided with iron screens, then into the pump wells capable of holding the night's flow. From the pump wells the sewage is pumped into a chamber by an 18 h.p. engine in duplicate capable of lifting 390,000 gallons in 12 hours ;

the motive power being gas produced by a suction gas plant, and an arrangement is also made to utilise the town gas if necessary. This chamber is provided with an adjustable weir allowing three times the dry weather flow into the high level continuous slow sedimentation tanks (any quantity over this to flow into the storm water tanks). The sedimentation tanks, of a total capacity of 15 hours dry weather flow, are in three compartments, with the necessary valves for cleansing purposes.

From the sedimentation tanks the liquid sewage flows to two circular percolating filters of 64 ft. 6 in. internal diameter and 6 ft. of graded clinkers ; the sprinklers being of the revolving type. From here the effluent passes through Humus pits to the river Roch.

Two storm water tanks, with a capacity equal to a quarter the dry weather flow, are provided with telescopic valves to enable the top portion to be pumped for purification.

The sludge from the Detritus sedimentation and storm water tanks and Humus pits is treated in small sludge lagoons filled with fine clinkers, the liquid flowing back to the pump wells and the sludge, after drying, removed.

The sewer was extended about 70 yards in Stambridge Road in 1923 and 100 yards in 1924, and during 1925 further extended 700 yards in the same road and on a private road known as Rochford Avenue.

Since the work was put in operation about 100 additional houses have been connected to the sewers, and difficulty is being experienced with the sludge, the existing sludge pump being unsuited for the purpose.



HADLEIGH. During 1923 an agreement was arrived at with the Borough of Southend for treating the sewage from Hadleigh at the Corporation Works for £1,350 each year for first five years. The sewers were under construction during the year. The cost of the sewers is over £13,000.

The sewerage of a number of parishes has received the serious consideration of the District Council during the year. These parishes are Ashingdon, Eastwood (Rochford and Eastwood Wards), Hawkwell, Hockley, South Benfleet, Rayleigh and Great Wakering. In most of the parishes a large number of new houses are being erected each year—the cost of the land is so high that the houses are provided with comparatively small gardens, and the land, as a rule, being fairly heavy, it is not suitable for disposing of the contents of cesspools. The result is that the gardens become waterlogged with sewage matter, which finds its way into the nearest ditch, causing a nuisance. This has been aggravated by the practice of certain builders of allowing the roof-water to drain into the cesspools. The result is that after every heavy shower the cesspools are overflowing. The Byelaws of the Council do not prohibit the draining of the roof-water into the cesspools, and the Ministry of Health is not disposed to grant such powers, although requested to do so.

The Ministry's contention is that the District Council can deal with the matter when a nuisance occurs, but surely "Prevention is better than cure." Moreover, it is difficult to suggest a practical solution to abate these nuisances except the provision of a proper sewerage system. In many parishes house drains in the past found their way into the nearest roadside ditch, and by usage these ditches became open sewers. Particulars relating to each parish are as follows:—

SOUTH BENFLEET. One outfall receives the drainage from about 25 houses, and after it has passed through two

small sedimentation tanks, it flows into the little creek between Canvey Island and South Benfleet. The Port of London Authority took proceedings against the Council for the pollution of the river Thames at this point. The Council was fined a nominal sum. Since then communications have been received from the same Authority complaining of the continuation of the pollution.

RAYLEIGH. This is a populous parish which is provided with old sewers—the main sewer is constructed of brick barrel and is very defective. During the year a new building estate was developed, and a 9 in. sewer provided, which discharges into an open ditch in Bull Lane. The sewers in this parish discharge into three open ditches, which are periodically cleansed, but, as would be expected, are becoming a serious nuisance, and the one in Bull Lane has been the subject of a number of complaints to the Ministry of Health from persons residing in the locality.

EASTWOOD. In the Rochford Ward of this parish there is a row of houses with cesspools which are overflowing from time to time. The same applies to Tudor Road in the Eastwood Ward, and the overflow from these has been so bad at times that it found its way over the district road.

ASHINGDON, HAWKWELL AND HOCKLEY. These parishes are developing so rapidly that the disposal of the contents of cesspools has already given much trouble.

The question of providing proper sewerage schemes for all these parishes has to be faced and that in the near future.



The ideal scheme is a comprehensive one, but perhaps the cost of such a scheme is prohibitive, taking into consideration the low rateable value of the parishes. The District Council have had under consideration the estimated cost given by their Consulting Engineer (Mr. Blizard). Recently it has been suggested that Rawreth might be included in the parishes to be sewered, but Thundersley requires sewerage even more than Rawreth.

GREAT WAKERING. This parish has been the subject of an adverse report by one of the Medical Inspectors of the Ministry of Health. The report was received in 1914. and as a result a scheme for a sewerage system for this parish, in conjunction with the neighbouring Urban District of Shoeburyness, has been considered. At present the drainage of Great Wakering finds its way into five open sewer ditches which are periodically cleansed.

A rough estimate of the cost of such schemes has been prepared, but is, of course, subject to alteration as new areas are added or deducted from the proposals.

|                |     |     |                     |          |
|----------------|-----|-----|---------------------|----------|
| Ashingdon      | ... | ... | Estimated cost over | £4,000   |
| Eastwood       | ... | ... | „ „                 | £16,000  |
| Hawkwell       | ... | ... | „ „                 | £11,000  |
| Hockley        | ... | ... | „ „                 | £12,000  |
| South Benfleet | ..  | ... | „ „                 | £18,000  |
| Rayleigh       | ... | ... | „ „                 | £34,000* |

\*(excluding private roads. If these are included, add another £12,000).

Great Wakering, in conjunction with Shoeburyness ;—  
Estimated cost over £10,000 for disposal works and a  
similar sum for sewers.

The remaining parishes are more or less agricultural in  
character and sewerage schemes are not considered necessary  
at the present time.

CANEWDON. The drainage of some houses finds its  
way into five open ditches that are periodically cleansed.

PAGLESHAM. A short length of sewer discharges into  
the creek, and owing to the slight fall, has to be periodically  
flushed.

GREAT STAMBRIDGE. Two short lengths of sewers  
are provided and one discharges into a pond and the other  
into a ditch.

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## CLOSET ACCOMMODATION.

The following Table gives the approximate numbers of sanitary conveniences at end of year :—

|                                                                                                |      |
|------------------------------------------------------------------------------------------------|------|
| Water closets with proper flushing arrangements ... ..                                         | 3500 |
| Water closets hand flushed ... ..                                                              | 600  |
| Pail closets, a small proportion of which have an arrangement of distributing dry earth ... .. | 1539 |
| Privies ... ..                                                                                 | 551  |
| Privies abolished during the year ...                                                          | 22   |

## SCAVENGING.

The areas scavenged during 1925 is shown in the Table on page 48. The 22 houses in South Benfleet and 147 houses in Thundersley at present scavenged by contract was undertaken departmentally with the Hadleigh area up to 31st March, 1925, but the increase of work in that area necessitated excluding the South Benfleet and Thundersley portion from Hadleigh.

Owing to the long lengths of unmade roads, the scavenging is carried on under difficulties which, of course, adds to the cost.

The cost of the scavenging for 1925 is shown in the table on page 48 and for a series of years is given on page 100.

Table showing Houses scavenged and cost for Year Ending 31st March, 1926.

| Areas Scavenged<br>Departmentally. | NUMBER OF HOUSES.                                |                 |                     | Cost for Year Ending<br>31/3/26.<br>£ s. d. |
|------------------------------------|--------------------------------------------------|-----------------|---------------------|---------------------------------------------|
|                                    | Estimated Total in the<br>Parish at end of 1925. | Refuse Removed. | Night Soil Removed. |                                             |
| AREA No. 1.                        |                                                  |                 |                     |                                             |
| Canewdon ...                       | 143                                              | —               | 76                  |                                             |
| Eastwood (part) ...                | 341                                              | 130             | 83                  |                                             |
| Great Stambridge ...               | 83                                               | 106             | 174                 |                                             |
| Little Stambridge ...              | 41                                               | 428             | 4                   |                                             |
| Rochford ...                       | 451                                              | 664             | 237                 | 333 3 6                                     |
|                                    | 1059                                             |                 |                     |                                             |
| AREA No. 2.                        |                                                  |                 |                     |                                             |
| Hadleigh ...                       | 695                                              | 485             | 459                 | 477 9 7                                     |
| AREA No. 3.                        |                                                  |                 |                     |                                             |
| Rayleigh ...                       | 1027                                             | 443             | 250                 | 325 6 6                                     |
| AREA No. 4.                        |                                                  |                 |                     |                                             |
| South Benfleet ...                 | 825                                              | 298             | 327                 | 393 11 4                                    |
| Areas Scavenged by contractors     |                                                  |                 |                     |                                             |
| Barling ...                        | 53                                               | 32              | 32                  | 1229 10 11                                  |
| Little Wakering ...                | 103                                              | 45              | 45                  | 30 11 11                                    |
| Great Wakering ...                 | 461                                              | 425             | 425                 | 35 11 11                                    |
| Thundersley (from 1/4/25) ...      | 724                                              | 147             | 62                  | 226 9 5                                     |
| S. Benfleet (part) (from 1/4/25)   | See above.                                       | 22              | 22                  | 119 1 11                                    |
| Hockley ...                        | 286                                              | 100             | 100                 | 46 0 0                                      |
|                                    |                                                  |                 |                     | 135 11 11                                   |
|                                    |                                                  |                 |                     | 593 7 1                                     |
|                                    |                                                  |                 | Total Cost ...      | £1822 18 0                                  |

Refuse is removed once a week and Night Soil twice a week.

Refuse is removed once a week and Night Soil twice a week.



## SANITARY INSPECTION OF THE AREA.

The following Table, prepared by the Inspector, is a classified Statement of the number of premises visited, the defects or nuisances discovered, and the action and result of action in regard to these.

### SUMMARY OF INSPECTIONS AND NUISANCES.

| Inspections.                |         | Notices.  |         |               |               |
|-----------------------------|---------|-----------|---------|---------------|---------------|
| Nature of                   | Number. | Informal. | Formal. | Complied with | Out-standing. |
| Disinfection ...            | 90      | —         | —       | —             | —             |
| Infectious Disease ...      | 116     | —         | —       | —             | —             |
| Housing ...                 | 387     | 155       | 59      | 144           | 36            |
| Overcrowding ...            | 25      | 5         | 3       | 8             | —             |
| Schools ...                 | 23      | —         | —       | —             | —             |
| Cowsheds and Dairies ...    | 142     | 5         | 7       | 3             | 14            |
| Milkshops ...               | 99      | 2         | —       | 1             | 2             |
| Bakehouses... ..            | 21      | —         | —       | —             | —             |
| Slaughter-houses ...        | 430     | 1         | —       | 1             | —             |
| Knacker's Yard ...          | 5       | —         | —       | —             | —             |
| Butcher's Shops ...         | 20      | —         | 1       | 1             | —             |
| Privies ...                 | 14      | 3         | 8       | 7             | 3             |
| Water Closets ...           | 5       | 1         | 2       | 1             | 2             |
| Cesspools overflowing ...   | 174     | 38        | 42      | 53            | 14            |
| House Drainage ...          | 130     | 35        | 30      | 43            | 12            |
| Defective Traps ...         | —       | —         | —       | —             | —             |
| Water Supply ...            | 235     | 16        | 80      | 17            | 40            |
| Wells Cleansed ...          | —       | —         | —       | —             | —             |
| Dirty Houses ...            | 6       | 1         | 2       | 3             | —             |
| Drainage Reconstructions... | 9       | —         | —       | 7             | —             |
| Ashbins ...                 | 294     | 16        | 57      | 68            | 11            |
| Scavenging ...              | 130     | —         | 1       | 1             | —             |
| Fried Fishshops ...         | 15      | —         | 1       | 1             | —             |
| Tents, Vans and Sheds ...   | 73      | 2         | 12      | 15            | 3             |
| Other Nuisances ...         | 150     | 33        | 21      | 42            | 6             |
| Totals ...                  | 2593    | 313       | 326     | 416           | 143           |

Of the 40 outstanding notices for water supply, 37 relate to Canvey Island.

**SMOKE ABATEMENT.** No action was found necessary during the year.

## PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS & REGULATIONS.

**SLAUGHTER-HOUSES.** These are dealt with under the heading "Inspection and Supervision of Food" on page 68

**KNACKERS' YARDS.** There are three in the district. In two instances minor repairs were necessary and these have been satisfactorily carried out. The distribution of the Knackers' Yards are : Eastwood, 1 ; Great Wakering, 1 ; and Hawkwell, 1.

**DAIRIES AND COWSHEDS.** These are dealt with under the heading "Inspection and Supervision of Food" on page 64.

**Cellar Dwellings.** There are none in the district

**Common Lodging Houses.** There are none in the district.

**Houses let in Lodgings.** There are none in the district.

### OTHER SANITARY CONDITIONS REQUIRING NOTICE.

There are no important matters beyond those referred to under their respective headings.

**SCHOOLS.** Most of the schools are supplied by water from the mains. A much-needed new school has been provided for Canvey Island, and one for South Benfleet is under construction. The school population is increasing so quickly in certain localities in the district that further accommodation shall soon be required.



## HOUSING.

In the western half of the district, which is becoming Urban in character, there is need of more housing accommodation for the increasing population, but constant supervision is required to see that the houses erected comply with the building byelaws. All new houses that comply with the building byelaws are not satisfactory, for instance, a house with one room can be made to comply with the building byelaws. Therefore what mainly concerns the western area of the district is to prevent the creation of insanitary conditions.

On the other hand, in the agricultural half of the district there are a number of dwelling houses that cannot be said to be in all respects reasonably fit for human habitation, and the rents obtainable in these parishes are so low that private persons cannot be expected to erect houses to let.

The number of houses erected in the district year by year since 1902 is set out in the table on page 54.

The following is the history of what has been accomplished by the local authority and by assistance to private persons in providing more houses in the district.

During 1914 the District Council for the first time erected dwelling houses. These consisted of eight non-parlour type in Great Stambridge, and the loss was made a special rate on the parish. Under the Housing and Town Planning Act, 1919 (assisted scheme), the Council erected, by direct labour, 24 houses in the parish of Rochford the loss on these houses is a general rate on the whole district, limited to the product of a penny rate; the remaining loss is charge-

able on the Treasury. Under the same Act grants were given to private persons for the erection of dwelling houses under this heading private persons who erected houses in Rochford received £62,981 in respect to 288 houses—the distribution of these houses and sums granted, is given in the table on page 53, classified according to parish. The table shows that these particular grants were not taken advantage of as far as agricultural parishes were concerned and therefore the housing problem still remains unsolved. After the assisted scheme was stopped by the Government, nothing was undertaken by the Council until the passing of the Housing (Financial Provisions) Act, 1924, and under this Act the Council, by the end of 1925, had erected 56 houses. These are set out, parish by parish, in column 2 of the table on page 55.

At the end of 1925 the houses owned and controlled by the District Council are set out in the table on page 56 and the type and rent charged is shown in the table on page 57.

In addition a subsidy of £75 for each house was granted to private persons towards 57 dwelling houses erected during 1925 (this is a Treasury grant paid through the District Council); the distribution of the houses for which these grants were paid is set out in the third column of the table on page 55.

In addition the District Council advanced loans on mortgage under Section 5 of the Housing Act, 1923. The distribution of the houses, parish by parish, and amount of loan advanced up to 31st March, 1926, is shown in the table on page 58.



Table showing amount of grants given to private persons under the Housing and Town Planning Act, 1919, assisted (Addison) scheme.

| PARISH.               | Population,<br>1921. | Number of<br>Houses for<br>which Treasury<br>paid a Grant. | Total Grant<br>Received. |
|-----------------------|----------------------|------------------------------------------------------------|--------------------------|
|                       |                      |                                                            | £                        |
| Ashingdon ... ..      | 276                  | 3                                                          | 547                      |
| Barling ... ..        | 322                  | ...                                                        | ...                      |
| Benfleet South ...    | 1918                 | 56                                                         | 13136                    |
| Canewdon ... ..       | 511                  | 3                                                          | 643                      |
| Eastwood ... ..       | 1822                 | 19                                                         | 3957                     |
| Fambridge South ...   | 267                  | ...                                                        | ...                      |
| Foulness ... ..       | 460                  | ...                                                        | ...                      |
| Hadleigh ... ..       | 2246                 | 58                                                         | 13576                    |
| Havengore ... ..      | 14                   | ...                                                        | ...                      |
| Hawkwell ... ..       | 672                  | 4                                                          | 1040                     |
| Hockley ... ..        | 1127                 | 21                                                         | 4680                     |
| Paglesham ... ..      | 357                  | ...                                                        | ...                      |
| Rawreth ... ..        | 525                  | 4                                                          | 1040                     |
| Rayleigh ... ..       | 3125                 | 59                                                         | 10804                    |
| Rochford ... ..       | 2077                 | 7                                                          | 1620                     |
| Shoebury North ...    | 335                  | 1                                                          | 260                      |
| Shopland ... ..       | 70                   | ...                                                        | ...                      |
| Stambridge Great ...  | 311                  | { 2                                                        | 480                      |
| Stambridge Little ... | 200                  |                                                            |                          |
| Sutton ... ..         | 199                  | ...                                                        | ...                      |
| Thundersley ... ..    | 1972                 | 37                                                         | 8463                     |
| Wakering Great ...    | 1826                 | 5                                                          | 1308                     |
| Wakering Little ...   | 436                  | 2                                                          | 300                      |
| TOTAL ... ..          | 21068                | 281                                                        | 61846                    |
| Canvey ... ..         | 1795                 | 7                                                          | 1135                     |
| GRAND TOTALS ...      | 22863                | 288                                                        | 62981                    |

Statement showing number of Houses erected in the Rural District, 1902-1925.

| Parishes.          | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | Total |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Ashington          | 2    | ...  | 5    | 6    | 5    | 6    | 9    | 3    | 2    | 1    | 4    | 2    | 5    | 1    | ...  | ...  | ...  | 6    | 4    | 7    | 11   | 14   | 10   | 18   | 121   |
| Barling            | ...  | ...  | ...  | 1    | 1    | 2    | 1    | 2    | 1    | ...  | 3    | ...  | ...  | 1    | ...  | ...  | ...  | 1    | 1    | ...  | 1    | 3    | 2    | 7    | 27    |
| Benfleet, South    | 5    | ...  | 8    | 11   | 8    | 12   | 10   | 17   | 15   | 14   | 12   | ...  | ...  | ...  | ...  | ...  | ...  | 11   | 79   | ...  | 84   | 93   | 71   | 100  | 701   |
| Canewdon           | ...  | ...  | ...  | ...  | ...  | 1    | 3    | 2    | 4    | ...  | 4    | 3    | ...  | 4    | ...  | ...  | ...  | 1    | 1    | 4    | 2    | 4    | 1    | 15   | 49    |
| Eastwood           | 6    | 11   | 7    | 17   | 11   | 25   | 23   | 15   | 30   | 21   | 14   | 17   | 5    | 7    | 7    | ...  | ...  | 1    | 21   | 26   | 13   | 32   | 28   | 58   | 395   |
| Fambridge, South   | 2    | 1    | 2    | 1    | ...  | ...  | 9    | ...  | 2    | ...  | ...  | 1    | ...  | ...  | ...  | ...  | ...  | ...  | 1    | 2    | 1    | ...  | ...  | 2    | 24    |
| Foulness           | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...   |
| Hadleigh           | 7    | 14   | 9    | 16   | 9    | 11   | 15   | 18   | 15   | 24   | 26   | 19   | 17   | 8    | 2    | ...  | ...  | 8    | 44   | 45   | 29   | 46   | 53   | 87   | 522   |
| Havengore          | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...   |
| Hawke              | 4    | 5    | 5    | 6    | 3    | 5    | 2    | 1    | 3    | 3    | 2    | 3    | 1    | ...  | ...  | ...  | ...  | 2    | 5    | 12   | 6    | 44   | 22   | 40   | 174   |
| Hockley            | 6    | 10   | 10   | 13   | 10   | 11   | 7    | 10   | 10   | 6    | 13   | 6    | 3    | 2    | 1    | ...  | ...  | 1    | 19   | 38   | 10   | 27   | 37   | 50   | 300   |
| Paglesham          | ...  | ...  | ...  | ...  | ...  | 1    | 1    | ...  | ...  | ...  | 4    | ...  | ...  | 1    | ...  | ...  | ...  | 1    | ...  | ...  | ...  | ...  | ...  | 1    | 9     |
| Rawreth            | 2    | 2    | 1    | 1    | 1    | 3    | 2    | 2    | 3    | 1    | 2    | 5    | ...  | 1    | 7    | ...  | ...  | 1    | ...  | 6    | 4    | 1    | 2    | 18   | 65    |
| Rayleigh           | 12   | 33   | 25   | 29   | 14   | 25   | 21   | 18   | 29   | 36   | 20   | 32   | 22   | 3    | 9    | ...  | ...  | 9    | 52   | 68   | 49   | 86   | 62   | 100  | 754   |
| Rochford           | 1    | 1    | 3    | 5    | 3    | 6    | 4    | 3    | 6    | 10   | 20   | 9    | 6    | 1    | 1    | ...  | ...  | 1    | 6    | 7    | 6    | 10   | 12   | 25   | 146   |
| Shoebury, North    | 1    | 1    | 3    | 3    | 3    | 1    | 1    | 2    | ...  | 1    | ...  | 1    | 1    | ...  | ...  | ...  | ...  | ...  | 1    | ...  | 1    | 2    | 3    | ...  | 25    |
| Shopland           | ...  | ...  | ...  | ...  | ...  | ...  | 1    | ...  | 1    | 2    | 1    | ...  | ...  | 1    | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 6    | 6     |
| Stambridge, Great  | 1    | 1    | 1    | ...  | ...  | ...  | 2    | ...  | ...  | 1    | 1    | ...  | 1    | ...  | ...  | ...  | ...  | 2    | ...  | ...  | ...  | ...  | ...  | 18   | 28    |
| Stambridge, Little | ...  | ...  | 1    | ...  | ...  | ...  | 1    | ...  | ...  | 1    | 1    | ...  | 1    | ...  | ...  | ...  | ...  | ...  | ...  | 1    | ...  | ...  | ...  | 2    | 8     |
| Sutton             | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 1    | ...  | ...  | ...  | ...  | 1    | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 3     |
| Thundersley        | 12   | 19   | 22   | 19   | 23   | 23   | 21   | 24   | 29   | 23   | 21   | 19   | 13   | 13   | 7    | ...  | ...  | 10   | 53   | 66   | 30   | 80   | 50   | 98   | 675   |
| Wakering, Great    | 2    | 6    | 7    | 4    | 17   | 7    | 4    | 6    | 1    | 3    | 6    | 4    | 6    | 4    | ...  | ...  | ...  | ...  | 4    | 8    | 7    | 7    | 13   | 13   | 129   |
| Wakering, Little   | 3    | 3    | ...  | 2    | 1    | 1    | ...  | 3    | ...  | 2    | 4    | 1    | 1    | 2    | ...  | ...  | ...  | 1    | 3    | ...  | ...  | ...  | 1    | 1    | 28    |
| Totals             | 66   | 118  | 109  | 134  | 109  | 139  | 137  | 127  | 151  | 149  | 158  | 142  | 97   | 54   | 37   | ...  | ...  | 54   | 296  | 389  | 254  | 449  | 367  | 653  | 4189  |
| Canvey Island      | 8    | 18   | 8    | 13   | 12   | 18   | 31   | 20   | 34   | 24   | 29   | 23   | 28   | 9    | 5    | ...  | ...  | 60   | 83   | 161  | 77   | 196  | 67   | 172  | 1076  |
| Grand Totals       | 74   | 136  | 117  | 147  | 121  | 157  | 168  | 147  | 185  | 173  | 187  | 165  | 125  | 63   | 42   | ...  | ...  | 114  | 379  | 550  | 331  | 645  | 434  | 825  | 5265  |



| PARISH.           | Number of houses erected during 1925. |                                         |                                     |         | Number of houses in course of erection at end of 1925. |                                         |                                     |         |
|-------------------|---------------------------------------|-----------------------------------------|-------------------------------------|---------|--------------------------------------------------------|-----------------------------------------|-------------------------------------|---------|
|                   | By District Council.                  | By private persons with aid of Subsidy. | By private persons without Subsidy. | Totals. | By District Council.                                   | By private persons with aid of Subsidy. | By private persons without Subsidy. | Totals. |
| Ashington         | ...                                   | ..                                      | 18                                  | 18      | ...                                                    | ...                                     | 11                                  | 11      |
| Barling ...       | 6                                     | ...                                     | 1                                   | 7       | ...                                                    | ...                                     | ...                                 | ...     |
| Canewdon          | 14                                    | ...                                     | 1                                   | 15      | ...                                                    | ...                                     | 1                                   | 1       |
| Canvey Island     | ...                                   | ...                                     | 172                                 | 172     | ...                                                    | ...                                     | 51                                  | 51      |
| Eastwood          | ...                                   | 1                                       | 57                                  | 58      | ...                                                    | 3                                       | 51                                  | 54      |
| Foulness ...      | ...                                   | ...                                     | ...                                 | ...     | ...                                                    | ...                                     | ...                                 | ...     |
| Great Stambridge  | 18                                    | ...                                     | ...                                 | 18      | ...                                                    | ...                                     | ...                                 | ...     |
| Great Wakering    | ...                                   | 1                                       | 12                                  | 13      | 4                                                      | ...                                     | 3                                   | 7       |
| Hadleigh ...      | ...                                   | 2                                       | 85                                  | 87      | ...                                                    | 4                                       | 29                                  | 33      |
| Havengore         | ...                                   | ...                                     | ...                                 | ...     | ...                                                    | ...                                     | ...                                 | ...     |
| Hawkwell          | ...                                   | 2                                       | 38                                  | 40      | ...                                                    | 3                                       | 32                                  | 35      |
| Hockley ...       | ...                                   | 10                                      | 40                                  | 50      | ...                                                    | 5                                       | 31                                  | 36      |
| Little Stambridge | ...                                   | 1                                       | 1                                   | 2       | ...                                                    | ...                                     | ...                                 | ...     |
| Little Wakering   | ...                                   | ...                                     | 1                                   | 1       | ...                                                    | ...                                     | 3                                   | 3       |
| North Shoebury    | ...                                   | ...                                     | ...                                 | ...     | ...                                                    | ...                                     | 1                                   | 1       |
| Paglesham         | ...                                   | ...                                     | 1                                   | 1       | ...                                                    | ...                                     | ...                                 | ...     |
| Rawreth ...       | 12                                    | ...                                     | 6                                   | 18      | ...                                                    | 1                                       | 1                                   | 2       |
| Rayleigh ...      | ...                                   | 16                                      | 84                                  | 100     | ...                                                    | 9                                       | 32                                  | 41      |
| Rochford          | 6                                     | 3                                       | 16                                  | 25      | ...                                                    | 4                                       | 10                                  | 14      |
| Shopland..        | ...                                   | ...                                     | ...                                 | ...     | ...                                                    | 7                                       | ...                                 | ...     |
| South Benfleet    | ...                                   | 14                                      | 86                                  | 100     | ...                                                    | ...                                     | 29                                  | 36      |
| South Fambridge   | ...                                   | 1                                       | 1                                   | 2       | ...                                                    | ...                                     | 2                                   | 2       |
| Sutton ...        | ...                                   | ...                                     | ...                                 | ...     | ...                                                    | ...                                     | ...                                 | ...     |
| Thundersley       | ...                                   | 6                                       | 92                                  | 98      | ...                                                    | 6                                       | 36                                  | 42      |
| TOTALS            | 56                                    | 57                                      | 712                                 | 825     | 4                                                      | 42                                      | 323                                 | 369     |

The number of houses erected and controlled by the Council at the end of 1925, is set out in the following table.

| PARISH.                  | ERECTED UNDER                                                |                                                                           |                                                                                                                                                                | TOTAL. |
|--------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
|                          | The Housing Act, 1890, charges being special in this Parish. | The State-aided Scheme, charges being a general rate limited to 1d. rate. | The Housing (Financial Provisions) Act, 1924, grant of £12/10/- per year given by the Treasury for 40 years in agricultural parishes and £9 in other parishes. |        |
| Ashingdon ... ..         |                                                              |                                                                           | 6                                                                                                                                                              | 6      |
| Barling ... ..           |                                                              |                                                                           |                                                                                                                                                                |        |
| Benfleet South ... ..    |                                                              |                                                                           | 14                                                                                                                                                             | 14     |
| Canewdon ... ..          |                                                              |                                                                           |                                                                                                                                                                |        |
| Eastwood ... ..          |                                                              |                                                                           |                                                                                                                                                                |        |
| Fambridge South ... ..   |                                                              |                                                                           |                                                                                                                                                                |        |
| Foulness ... ..          |                                                              |                                                                           |                                                                                                                                                                |        |
| Hadleigh ... ..          |                                                              |                                                                           |                                                                                                                                                                |        |
| Havengore ... ..         |                                                              |                                                                           |                                                                                                                                                                |        |
| Hawkwell ... ..          |                                                              |                                                                           |                                                                                                                                                                |        |
| Hockley ... ..           |                                                              |                                                                           |                                                                                                                                                                |        |
| Paglesham ... ..         |                                                              |                                                                           |                                                                                                                                                                |        |
| Rawreth ... ..           |                                                              |                                                                           | 12                                                                                                                                                             | 12     |
| Rayleigh ... ..          |                                                              |                                                                           |                                                                                                                                                                |        |
| Rochford ... ..          |                                                              | 24                                                                        | 6                                                                                                                                                              | 30     |
| Shoebury North ... ..    |                                                              |                                                                           |                                                                                                                                                                |        |
| Shopland ... ..          |                                                              |                                                                           |                                                                                                                                                                |        |
| Stambridge Great ... ..  | 8                                                            |                                                                           | 18                                                                                                                                                             | 26     |
| Stambridge Little ... .. |                                                              |                                                                           |                                                                                                                                                                |        |
| Sutton ... ..            |                                                              |                                                                           |                                                                                                                                                                |        |
| Thundersley ... ..       |                                                              |                                                                           |                                                                                                                                                                |        |
| Wakering Great ... ..    |                                                              |                                                                           |                                                                                                                                                                |        |
| Wakering Little ... ..   |                                                              |                                                                           |                                                                                                                                                                |        |
| TOTAL ... ..             | 8                                                            | 24                                                                        | 56                                                                                                                                                             | 88     |
| Canvey Island ... ..     | ...                                                          | —                                                                         | —                                                                                                                                                              | —      |
| GRAND TOTALS ... ..      | 8                                                            | 24                                                                        | 56                                                                                                                                                             | 88     |



Type of Houses owned by the District Council, and rents charged per  
week (at end of 1925).

All rents are inclusive of rates except those marked \*

| PARISH.             | NON-PARLOUR TYPE. |                | PARLOUR TYPE. |                |
|---------------------|-------------------|----------------|---------------|----------------|
|                     | Number.           | Rent per week. | Number.       | Rent per week. |
| Ashingdon ... ..    |                   |                |               |                |
| Barling ... ..      | 6                 | 5/3            |               |                |
| Benfleet South ...  |                   |                |               |                |
| Canewdon ‡... ..    | { 6               | 5/-            |               |                |
|                     | 8                 | 5/6            |               |                |
| Eastwood ... ..     |                   |                |               |                |
| Fambridge South     |                   |                |               |                |
| Foulness ... ..     |                   |                |               |                |
| Hadleigh ... ..     |                   |                |               |                |
| Havengore ... ..    |                   |                |               |                |
| Hawkwell ... ..     |                   |                |               |                |
| Hockley ... ..      |                   |                |               |                |
| Paglesham ... ..    |                   |                |               |                |
| Rawreth ... ..      | 12                | 5/-            |               |                |
| Rayleigh ... ..     |                   |                |               |                |
| Rochford ... ..     | 6                 | 5/6            | 24 *          | 15/-           |
| Shoebury North ...  |                   |                |               |                |
| Shopland ... ..     |                   |                |               |                |
| Stambridge Great    | 26                | 5/6            |               |                |
| Stambridge Little   |                   |                |               |                |
| Sutton ... ..       |                   |                |               |                |
| Thundersley ... ..  |                   |                |               |                |
| Wakering Great ...  |                   |                |               |                |
| Wakering Little ... |                   |                |               |                |
| TOTAL ... ..        | 64                |                | 24            |                |
| Canvey Island ...   | —                 |                | —             |                |
| GRAND TOTAL ...     | 64                |                | 24            |                |

‡ In addition 4 cottages (Hockaday) have been repaired by the Council and are let by the Council until cost of repairs is paid off.

Rents of these are 1 at 1/10, 1 at 3/6 and 2 at 4/2.

Table showing the number of houses on which loans have been advanced,  
up to 31st March, 1926, and amount advanced.

| PARISH.             | Number of<br>Houses. | Amount<br>Advanced. |
|---------------------|----------------------|---------------------|
| Ashingdon ... ..    | 3                    | £<br>1835           |
| Barling ... ..      |                      |                     |
| Benfleet South ...  | 14                   | 8165                |
| Canewdon ... ..     |                      |                     |
| Eastwood ... ..     |                      |                     |
| Fambridge South     |                      |                     |
| Foulness ... ..     |                      |                     |
| Hadleigh ... ..     | 2                    | 809                 |
| Havengore ... ..    |                      |                     |
| Hawkwell ... ..     | 1                    | 428                 |
| Hockley ... ..      | 1                    | 450                 |
| Paglesham ... ..    |                      |                     |
| Rawreth ... ..      | 2                    | 720                 |
| Rayleigh ... ..     | 10                   | 4247                |
| Rochford ... ..     | 5                    | 2425                |
| Shoebury North ...  |                      |                     |
| Shopland ... ..     |                      |                     |
| Stambridge Great    |                      |                     |
| Stambridge Little   |                      |                     |
| Sutton ... ..       |                      |                     |
| Thundersley ... ..  | 7                    | 3076                |
| Wakering Great...   | 2                    | 925                 |
| Wakering Little ... |                      |                     |
| TOTALS ...          | 47                   | £23080              |



## HOUSING STATISTICS FOR THE YEAR 1925.

The following tabular statement gives particulars of action taken by the District Council throughout the year relative to Housing:—

Number of houses erected during the year:—

|                                                                         |        |     |
|-------------------------------------------------------------------------|--------|-----|
| (a) Total (including those given<br>seperately under b)                 | ... .. | 825 |
| (b) With State assistance under the<br>Housing Acts, 1919, 1923 or 1924 |        |     |
| (i) By the Local Authority                                              | ...    | 56  |
| (ii) By other bodies or persons                                         | ...    | 57  |

These are set out, parish by parish on page 55

1. Unfit dwelling-houses:—

Inspection (1). Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... .. 387

(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910 ... 120

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... .. 9

(4) 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 ... .. 369

2. Remedy of defects without service of formal notices:—

Number of defective dwelling - houses rendered fit in consequence of informal action by the Local Authority or their officers ... 52

## 3. Action under Statutory powers :—

A.—PROCEEDINGS UNDER SECTION 28 OF THE HOUSING,  
TOWN PLANNING, ETC., ACT, 1919.

|                                                                                         |     |
|-----------------------------------------------------------------------------------------|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs | 168 |
|-----------------------------------------------------------------------------------------|-----|

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

|                                             |     |     |     |     |
|---------------------------------------------|-----|-----|-----|-----|
| (a) By owners                               | ... | ... | ... | 43  |
| (b) By Local Authority in default of owners | ... | ... | ... | Nil |

|                                                                                                                                                |     |     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|
| (3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close | ... | ... | ... | ... | Nil |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|

## B.—PROCEEDINGS UNDER THE PUBLIC HEALTH ACTS.

|                                                                                                        |    |     |     |    |
|--------------------------------------------------------------------------------------------------------|----|-----|-----|----|
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | .. | ... | ... | 94 |
|--------------------------------------------------------------------------------------------------------|----|-----|-----|----|

(2) Number of dwelling-houses in which defects were remedied after service of formal notice :—

|                                             |     |     |     |     |
|---------------------------------------------|-----|-----|-----|-----|
| (a) By owners                               | ... | ... | ... | 43  |
| (b) By Local Authority in default of owners | ... | ... | ... | Nil |



C.—PROCEEDINGS UNDER SECTIONS 17 AND 18 OF THE  
HOUSING, TOWN PLANNING, ETC., ACT, 1909.

|                                                                                                                                    |     |
|------------------------------------------------------------------------------------------------------------------------------------|-----|
| (1) Number of representations made with a view to the making of Closing Orders ...                                                 | 9   |
| (2) Number of dwelling-houses in respect of which Closing Orders were made ...                                                     | 9   |
| (3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ... | 1   |
| (4) Number of dwelling-houses in respect of which Demolition Orders were made ...                                                  | 2   |
| (5) Number of dwelling-houses demolished in pursuance of Demolition Orders ...                                                     | Nil |

TOWN PLANNING.

The following gives the progress made by the end of the year 1925.

South Benfleet and Thundersley.—No. 1 Scheme, Map No. 2 and preliminary statement approved.  
Map No. 3 in course of progress.

Rawreth No. 2 Scheme.—Map No. 2 and preliminary statement approved.  
Map No. 3, 4 and 5 in course of progress.

Rayleigh, Eastwood, Hadleigh.—Map No. 1 approved.

Map No. 2 awaiting consideration of Regional Committee.

Remainder of District (excluding Foulness and Havengore)

Map No. 1 approved.

Therefore, all parishes excluding Foulness and Havengore town planning schemes are now being prepared.

#### CANVEY ISLAND.

Map No. 1 approved.

Map No. 2.—An inquiry held by the Ministry of Health into Map No. 2 and preliminary statement, but their decision on the Scheme has not been given owing to the formation of an Urban District Council of Canvey Island.

#### CORPORATION OF SOUTHEND.

The Corporation of Southend-on-Sea have schemes in operation which include a portion of the following parishes :

Hadleigh, Eastwood, Great Wakering, North Shoebury. Shopland and Sutton and all building plans submitted for approval in these areas are referred to the Corporation for consideration before finally approving same.



## INSPECTION AND SUPERVISION OF FOOD.

## (a) MILK SUPPLY.

(i) During the winter 1924-25 a veterinary inspection of all the dairy herds in the district was undertaken. This report was issued during 1925. During 1925 the same Veterinary Surgeon, (Mr. W. S. Mulvey) was appointed to carry out an inspection during the winter of 1925-26. This inspection was in progress at the end of the year.

(ii) No licences under the Milk (Special Designations) Order, 1923, were issued during the year.

(iii) One applicant for registration as a retail purveyor of milk was refused registration because of unsatisfactory premises. The purveyor of milk continued to retail milk in the district, which compelled the District Council to take proceedings, when he was fined £2. Subsequently he provided suitable premises and was placed on the register.

Another purveyor of milk was informed that certain specified improvements were necessary to his premises if he wished his name to be retained on the register of retail purveyors of milk. He decided to discontinue the retailing of milk in the district.

A number of retail purveyors of milk were interviewed by the Council and informed that if they wished to retail milk locally, the notice requiring certain improvements to their premises would have to be complied with. Subsequently these improvements were carried out.

(iv.) A summarised Table of the bacteriological examination of samples of milk taken by the Veterinary Surgeon is given in his Report on page 91.

During the last two years the District Council has given much consideration to the conditions under which milk is produced in the district, with the result that, on the whole, the dairies and cowsheds in the district can be considered as satisfactory.

At present there is a tendency to lay more stress upon the methods (management) adopted by purveyors of milk and less on the premises. It has to be confessed that satisfactory methods do contribute more towards the production of clean milk than the premises, in other words, with the best of premises, unsatisfactory methods shall not produce clean milk, whereas the reverse is not the case. Unfortunately, unsatisfactory methods are associated with unsatisfactory premises, which do not tend towards the production of clean milk.

On the whole, the large producers have satisfactory premises and their methods are fairly good, but this cannot be said about a number of small producers—the reason probably is that the latter lack the experience of the former.

#### DAIRIES, COWSHEDS AND MILKSHOPS.

At the end of the year there were 101 Cowkeepers, 74 of whom were registered. Sixteen new producers were added and 8 gave up business. Twenty-four cowkeepers were registered during the year, the following work being carried out to their premises:—



## Provided :

|                                   |     |     |    |
|-----------------------------------|-----|-----|----|
| Cowshed and dairy                 | ... | ... | 3  |
| Drainage to Cowshed               | ... | ... | 12 |
| Sufficient accommodation          | ... | ... | 1  |
| Improved lighting and ventilation | ... | ... | 3  |
| Repairs to floor                  | ... | ... | 3  |
| Proper floor                      | ... | ... | 2  |
| Dairy ..                          | ... | ... | 3  |
| Partition between house and dairy |     |     | 1  |
| Dairy entrance improved           | ... | ... | 1  |

Five retail non-producers were registered during the year, making a total of 14 non-producers and one wholesale retail non-producer.

PERSONS IN RESPECT OF WHICH APPLICATION FOR REGISTRATION HAS BEEN MADE SINCE THE PASSING OF THE MILK AND DAIRIES (AMENDMENT) ACT, 1922, AND TRADING DURING THE YEAR 1925.

| Parish            | Cowkeepers' Premises        |                                    |                                |                                    | Not Cowkeepers           |                                    |                                | Totals |
|-------------------|-----------------------------|------------------------------------|--------------------------------|------------------------------------|--------------------------|------------------------------------|--------------------------------|--------|
|                   | Wholesale Purveyors of Milk |                                    | Wholesale and Retail Purveyors |                                    | Retail Purveyors of Milk |                                    | Wholesale and Retail Purveyors |        |
|                   | Registered                  | Registration issued at end of year | Registered                     | Registration issued at end of year | Registered               | Registration issued at end of year | Registered                     |        |
| Ashington ...     | —                           | —                                  | 3                              | —                                  | —                        | —                                  | —                              | 4      |
| Canewdon ...      | 2                           | 4                                  | —                              | —                                  | —                        | —                                  | —                              | 8      |
| Canvey Island ... | 2                           | 1                                  | —                              | —                                  | —                        | —                                  | —                              | 12     |
| Eastwood ...      | 3                           | —                                  | 1                              | 6                                  | 2                        | —                                  | —                              | 11     |
| Gt. Stanbridge    | —                           | —                                  | 2                              | 4                                  | —                        | —                                  | 1                              | 2      |
| Gt. Wakering...   | —                           | —                                  | 1                              | —                                  | —                        | —                                  | —                              | 3      |
| Hadleigh ...      | 1                           | 1                                  | 1                              | 1                                  | —                        | —                                  | —                              | 5      |
| Hawkevell ...     | 1                           | —                                  | —                              | —                                  | 2                        | —                                  | —                              | 1      |
| Hockley ...       | 4                           | 2                                  | 1                              | —                                  | 1                        | —                                  | —                              | 11     |
| Lt. Stanbridge    | 1                           | —                                  | —                              | —                                  | —                        | —                                  | —                              | 1      |
| Lt. Wakering...   | 1                           | —                                  | —                              | —                                  | —                        | —                                  | —                              | 1      |
| N. Shobury ..     | 1                           | —                                  | —                              | 1                                  | —                        | —                                  | —                              | 2      |
| Paglesham ...     | 1                           | —                                  | —                              | —                                  | —                        | —                                  | —                              | 2      |
| Rawreth ...       | 3                           | —                                  | 1                              | 1                                  | —                        | —                                  | —                              | 5      |
| Rayleigh ...      | 8                           | —                                  | 1                              | 4                                  | 2                        | 3                                  | —                              | 17     |
| Rochford ...      | 1                           | 2                                  | —                              | 2                                  | 2                        | —                                  | —                              | 7      |
| Shopland ...      | —                           | —                                  | —                              | 1                                  | —                        | —                                  | —                              | 1      |
| S. Benfleet ...   | —                           | —                                  | —                              | 1                                  | 2                        | —                                  | —                              | 3      |
| Sth. Fambridge    | 2                           | —                                  | —                              | 2                                  | —                        | —                                  | —                              | 4      |
| Sutton ..         | —                           | 1                                  | 1                              | —                                  | —                        | —                                  | —                              | 2      |
| Thundersley ...   | —                           | 4                                  | 2                              | 6                                  | —                        | —                                  | —                              | 12     |
| Wallasea I ...    | 1                           | —                                  | —                              | —                                  | —                        | —                                  | —                              | 1      |
| Totals ...        | 32                          | 15                                 | 12                             | 30                                 | 11                       | 2                                  | 1                              | 115    |



## (b) MEAT.

On 1st April the Public Health (Meat) Regulations, 1925, came into force, which necessitated the inspection of slaughtered animals.

Although the inspection of all carcasses has been impossible, 430 visits were paid to the slaughter-houses during the year, and as a result 2,044 lbs. of meat has been destroyed, of which 1,832 lbs. were affected with tubercle.

The following figures may be of interest : —

## MEAT CONDEMNED.

| Month. | Pork.     | Beef.    | Mutton. | Veal.    |
|--------|-----------|----------|---------|----------|
| Feb.   | 700       | —        | —       | —        |
| Mar.   | —         | 200      | —       | —        |
| April  | 100       | —        | —       | —        |
| May    | 54        | 272      | 60      | —        |
| Oct.   | 98        | 40       | —       | —        |
| Nov.   | 80        | —        | —       | —        |
| Dec.   | 40        | 120      | —       | 100      |
| <hr/>  |           |          |         |          |
|        | 1072 lbs. | 812 lbs. | 60 lbs. | 100 lbs. |

In most cases the condemned meat is sent to Messrs. Powling's Factory, Prittlewell, for destruction.

## SLAUGHTER-HOUSES.

Three slaughter-houses were licensed during the year at Great Wakering, Hockley and Eastwood, making a total of 20 slaughter-houses in the district.

They are distributed as follows :—

Rochford, 4; Great Wakering, 3; Hadleigh, 2; Hockley, 1; South Benfleet, 1; Rayleigh, 1; Canewdon, 1; Eastwood, 3; Great Stambridge, 1; Thundersley, 2; Barling, 1.

5 of these are about 100 ft. from the nearest dwelling-house

|   |   |   |       |   |   |   |
|---|---|---|-------|---|---|---|
| 6 | " | " | 60-70 | " | " | " |
| 3 | " | " | 40-50 | " | " | " |
| 5 | " | " | 10-15 | " | " | " |

3 of these are adjoining dwelling-houses.

The number of slaughter-houses classified in 1920, in January, 1925; in December, 1925, is given in the following tabular statement.

|                          | In 1920. | In Jan., 1925. | In Dec., 1925. |
|--------------------------|----------|----------------|----------------|
| Registered. *11 (in use) |          | 11             | 11             |
| Licensed.                |          | 6              | 9              |
|                          | —        | —              | —              |
|                          | 11       | 17             | 20             |

\*Urban powers not in force, therefore number in use is given.

The following gives details regarding the slaughter-houses registered and licensed at the end of 1925.

Registered.

|           |                                |
|-----------|--------------------------------|
| Hadleigh. | Smith Bros., The Broadway.     |
|           | Upton, E. J., Hadleigh Corner. |



|                |                                  |
|----------------|----------------------------------|
| Rayleigh.      | Webster, J., High Street.        |
| Rochford.      | Fance, A., The Square.           |
|                | Palmer, W. E., Palmer's Corner.  |
|                | Searles, C. F., North Street.    |
|                | Turner, W. H., West Street.      |
| Hockley.       | Tomlin & Emery, High Street.     |
| Wakering, Gt.  | Webb, J. F. & Son, High Street.  |
|                | Oliver, W., & Sons, High Street. |
| Benfleet, Sth. | Gooding, A. E., The Terrace.     |

| Licensed (in date order). |                                        | Date Licence<br>granted for<br>1st time. |
|---------------------------|----------------------------------------|------------------------------------------|
| Gt. Stambridge.           | Rankin, H., The Mills.                 | 4/3/24.                                  |
| Eastwood.                 | Welton, D., Eastwood-<br>bury Farm ... | 18/3/24.                                 |
| Thundersley.              | Cook, W., Daws Heath                   | 30/9/24.                                 |
| Canewdon.                 | Moss Bros., Post Office                | 25/10/24.                                |
| Barling.                  | Murrell, H. S., High<br>House ...      | 25/11/24.                                |
| Eastwood.                 | Bagnold, L. W., East-<br>wood Road ... | 25/11/24.                                |
| Thundersley.              | Thorington, J., Daws<br>Heath Road ... | 12/5/25.                                 |
| Gt. Wakering.             | Buckingham, W., High<br>Street ...     | 12/5/25.                                 |
| Eastwood.                 | Sadler, E.C., Wood<br>Farm ...         | 24/11/26.                                |

The use of a mechanically operated instrument for slaughtering purposes has been carried out in every case, in accordance with Byelaw No. 2 of the Model Byelaws.

The instrument used in all slaughter-houses, with but two exceptions, is the "Cash" Captive Bolt Pistol, which is giving satisfaction. The other instruments in use are the Swedish Killer and Greener's Safety Killer.

Generally speaking, the construction of the slaughter-houses is good and cleanliness is well maintained.

With so many slaughter-houses the proper supervision and control of the meat supply in the district is not practicable. The solution would be in the provision of a public slaughter-house if only the authority could abolish all existing slaughter-houses.

(c) OTHER FOODS.

Bakehouses. There are 22 in the district, distributed as follows.—

| Parish.            | Parish.           |
|--------------------|-------------------|
| Canvey Island, 5.  | Hadleigh, 1.      |
| Canewdon, 1.       | Rayleigh, 3.      |
| Eastwood, 1.       | Rochford, 3.      |
| Gt. Stambridge, 1. | Sth. Benfleet, 3. |
| Gt. Wakering, 3.   | Thundersley, 1.   |

In two cases informal notice to cleanse the premises was found necessary during the year.

(d) No case of food poisoning came under observation during the year.



## PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASES.

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### INFECTIOUS DISEASES GENERALLY.

During the five years ended December, 1925, the number of notifiable infectious diseases coming under observation (exclusive of Tuberculosis) was 440; the number of Scarlet Fever and Diphtheria cases being as follows:—

|      |     | <i>Scarlet Fever</i> | <i>Diphtheria</i> |
|------|-----|----------------------|-------------------|
| 1921 | ... | 49                   | 13                |
| 1922 | ... | 45                   | 13                |
| 1923 | ... | 36                   | 10                |
| 1924 | ... | 64                   | 2                 |
| 1925 | ... | 64                   | 22                |
|      |     | —                    | —                 |
|      |     | 258                  | 60                |
|      |     | —                    | —                 |

Making an average of 51 cases of Scarlet Fever and 12 cases of Diphtheria per annum.

At first sight these figures may appear rather high for a rural district, but when it is realised that the main part of the population is concentrated in about half the area, which part is more urban than rural in character, it cannot be considered excessive.

Except hospital treatment and ordinary precautions and isolation, no special procedure, or recently developed artificial methods of immunization have been used against these diseases.

A patient suffering from an infectious disease has a decided advantage in being treated in an isolation hospital compared with a patient treated at home. This is not altogether due to better nursing facilities, but because the patient, in the convalescent stage of the disease, is able to take exercise in the open air.

On the other hand, everyone is not agreed as to the value of isolation hospitals from a preventative point of view, especially with regard to Scarlet Fever. A few years ago I collected some figures with regard to the number of secondary cases of Scarlet Fever occurring in households (a) where the first patient was removed to the isolation hospital and (b) where the first patient was segregated in the home.

The following table gives particulars regarding households :—

| Number of Rooms in House. | Where Primary Cases were Removed to Hospital. |                                        | Where Primary Cases were Segregated in the Household. |                                         | Percentage of Households in which second cases occurred when the primary cases were isolated at |       |
|---------------------------|-----------------------------------------------|----------------------------------------|-------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------|-------|
|                           | Number of Households.                         | Number in which a second case occurred | Number of Households.                                 | Number in which a second case occurred. | Hospital.                                                                                       | Home. |
| 2                         | 56                                            | 7                                      | 22                                                    | 5                                       | 12·5                                                                                            | 22·7  |
| 3                         | 33                                            | 3                                      | 17                                                    | 4                                       | 9·0                                                                                             | 23·5  |
| 4                         | 70                                            | 7                                      | 49                                                    | 8                                       | 10·0                                                                                            | 16·3  |
| 5 & over                  | 35                                            | 4                                      | 30                                                    | 14                                      | 11·4                                                                                            | 46·6  |
| TOTALS                    | 194                                           | 21                                     | 118                                                   | 31                                      | 10·8                                                                                            | 26·2  |



As the number of persons in the households not known to have had an attack of Scarlet Fever was a better indication, the following table sets out the details on that basis :

| Number of Rooms in House. | Where Primary Cases were Removed to Hospital. |                             | Where Primary Cases were Segregated at Home. |                             | Percentage of susceptible persons who developed the disease when the Primary Cases were isolated at |       |
|---------------------------|-----------------------------------------------|-----------------------------|----------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------|-------|
|                           | Number of susceptible persons in Household    | Number of subsequent cases. | Number of susceptible persons in Household.  | Number of subsequent cases. | Hospital.                                                                                           | Home. |
| 2                         | 182                                           | 8                           | 62                                           | 6                           | 4.4                                                                                                 | 9.6   |
| 3                         | 135                                           | 4                           | 69                                           | 9                           | 2.9                                                                                                 | 13.0  |
| 4                         | 299                                           | 9                           | 186                                          | 10                          | 3.0                                                                                                 | 5.3   |
| 5 & over                  | 177                                           | 11                          | 129                                          | 27                          | 6.2                                                                                                 | 21.7  |
| TOTALS                    | 793                                           | 32                          | 446                                          | 52                          | 4.0                                                                                                 | 11.6  |

The above table shows again an advantage on the side of the hospital, but as many of the adult population are immune to Scarlet Fever I calculated in the following table taking the child population of the household, excluding any that may have on a previous occasion suffered from an attack of Scarlet Fever.

| Number of Rooms in House. | Where Primary Cases were Removed to Hospital.              |                                            | Where Primary Cases were Segregated at Home.               |                                            | Percentage of susceptibles who developed the disease when the Primary Cases were isolated at |       |
|---------------------------|------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------|-------|
|                           | Number of susceptible persons under 14 years in Household. | Number of subsequent cases under 14 years. | Number of susceptible persons under 14 years in Household. | Number of subsequent cases under 14 years. | Hospital.                                                                                    | Home. |
| 2                         | 70                                                         | 8                                          | 19                                                         | 6                                          | 11.4                                                                                         | 31.5  |
| 3                         | 65                                                         | 4                                          | 20                                                         | 9                                          | 6.1                                                                                          | 45.0  |
| 4                         | 130                                                        | 9                                          | 56                                                         | 10                                         | 6.9                                                                                          | 17.8  |
| 5 & over                  | 71                                                         | 11                                         | 44                                                         | 27                                         | 15.4                                                                                         | 61.3  |
| TOTALS                    | 336                                                        | 32                                         | 139                                                        | 52                                         | 9.5                                                                                          | 37.4  |

The above table shows a decided advantage in favour of isolation hospitals. It may be pointed out that the room accommodation was slightly better in the households where the cases were segregated at home.

In regard to Scarlet Fever it is now possible to ascertain whether a person is susceptible to the disease or not—this is known as the Dick test. It is also possible to immunise susceptible persons by inoculation.

In the same way, by what is known as the Schick test, it can be ascertained if a particular person is susceptible to Diphtheria or not. Persons susceptible to Diphtheria can be immunised by inoculation.

During the year no action was taken to immunise persons against these diseases.

If immunization of the children in the district could be carried out, the heavy expenditure incurred through the isolation of cases of Diphtheria and Scarlet Fever would be considerably reduced.

In isolation hospitals it is advisable to ascertain the susceptibility of the staff, and the same applies to children's homes.



The number of cases admitted to the isolation hospitals is given in the table on page 84.

During the last five years there has been no special factor in the spread of diseases. The small epidemics which have occurred have mostly been caused through diseases being spread by mild unrecognised cases. Several small outbreaks have occurred in connection with the Poor Law Institutions.

As parts of the district are holiday resorts, visitors are continually coming from other districts, and many residents are infected in this way, particularly during the summer months.

In 1922, two cases of Enteric Fever were notified from the parish of Rayleigh, and it was discovered that both families where cases had occurred had their milk from the same source. It was later discovered that ditch water was being used for certain purposes connected with the milk business. This ditch was simply diluted Rayleigh sewage. One of the members of the family at the dairy had been ill some months before with an illness suggestive of mild Enteric Fever.

Supplies of Diphtheria antitoxin are always available at the Isolation Hospital. The District Council pays for antitoxin if the patient is not in a position to do so.

The number of cases of Influenzal Pneumonia notified was not very large. A form of gastric influenza was prevalent throughout the country at the beginning of 1922, when eleven deaths were registered in the district as due to Influenza, and five to Pneumonia (all forms).

Only two cases of Malaria have been notified since the regulations came into force; one in 1920 and the other in 1921. In both cases the disease had been originally con-

tracted abroad, and the patient was suffering from a relapse. No case of Dysentery or Trench Fever has been notified since the regulations came into force.

Five cases of Encephalitis Lethargica have come under observation, two in 1924 and three in 1925. Two of these were isolated at home and recovered. Two cases were treated at the Infirmary, one of these—a non-resident—proving fatal. The remaining case was treated in a London hospital. In addition to these, two residents died of this disease in Institutions. They had not been notified.

No case of Smallpox has been notified during the last five years. A few contacts came into the district at intervals. These were kept under observation until the incubation period had expired. No vaccinations have been performed by the Medical Officer of Health under the Public Health (Prevention of Smallpox) Regulations, 1917.

Limited epidemics of Measles, Whooping Cough, Mumps and Chicken Pox have occurred throughout the district from time to time. Five deaths from Whooping Cough, and four from Measles, have been registered since 1920.

The examination of bacteriological and pathological specimens is undertaken by the County Council. During 1925, 158 Diphtheria swabs and 62 samples of sputum were examined for this district.

During 1925, on more than one occasion, the accommodation at the Isolation Hospital was found insufficient. The hospital serves the Urban District of



Shoeburyness as well as Rochford Rural District, and the populations of both these districts have increased considerably since the hospital was built. As it is only occasionally that the accommodation is found insufficient, it did not seem justifiable to go to the expense of enlarging the hospital at present.

In order to overcome this difficulty, the governing authorities of some of the neighbouring Isolation Hospitals were asked if they would make terms to admit cases from Rochford Rural District when required. Arrangements were made and already cases have been treated in Billericay Isolation Hospital.

DISINFECTION. At the Isolation Hospital there is a steam disinfecter, where all disinfection of clothing, bedding, etc., is carried out. The Sanitary Inspectors carry out the disinfection of premises after the removal, recovery or death of a patient suffering from infectious disease.

#### NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS)

DURING THE YEAR 1925.

There were 119 cases of infectious disease (exclusive of Tuberculosis) notified during the year, as compared with 86 for 1924. The increasing popularity of parts of the district as holiday resorts, the fast-growing population, and the large number of residents travelling to and from London daily, and at week-ends, for their employment, are all factors which help to account for this rather large number of cases.

The number of cases of Scarlet Fever was 64. In the parish of Thundersley there were 15 cases. Most of these occurred in the early part of the year, where infection was spread through a children's party. Six cases in one family also occurred in this parish.

In the latter part of the year several cases of Scarlet Fever were notified from Rawreth. On investigating, it was found that most of the families concerned had their milk supply from the same source, and subsequently a person who had taken part in the milking of the cows, became ill with Scarlet Fever.

There were 22 cases of Diphtheria notified during the year. These were not associated with any particular locality.

The three Encephalitis Lethargica cases notified during the year, are referred to on page 76.

The Table on page 82 classifies the infectious diseases according to age, and gives the number removed to hospital, and the Table on page 81 classifies the infectious diseases according to locality.

## TUBERCULOSIS.

During the year, 23 deaths were registered in the district as due to Tuberculosis; 19 Pulmonary, and 4 non-Pulmonary. Of these 20 had been notified in the district, under the Tuberculosis Regulations, and one had been notified before coming into the district. The remaining two were not notified, the reason in both cases being a misunderstanding on the part of the medical attendant.



In addition, two deaths, one Pulmonary, one non-Pulmonary, occurring outside the district, were subsequently allotted to Rochford Rural District. Both of these had been notified in the District under the Tuberculosis Regulations.

#### NEW CASES AND MORTALITY DURING 1925.

The following table gives particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1925.

| AGE PERIODS | NEW CASES |     |               |     | DEATHS.   |     |               |     |
|-------------|-----------|-----|---------------|-----|-----------|-----|---------------|-----|
|             | Pulmonary |     | Non-Pulmonary |     | Pulmonary |     | Non-Pulmonary |     |
|             | M.        | F.  | M.            | F.  | M.        | F.  | M.            | F.  |
| Under 1     | ...       | ... | 3             | ... | ...       | ... | 2             | ... |
| 1—5         | ...       | 1   | 3             | 3   | ...       | ... | 1             | ... |
| 5—10        | 1         | 4   | 2             | 4   | ...       | ... | 1             | ... |
| 10—15       | 1         | 1   | 3             | 1   | ...       | ... | ...           | ... |
| 15—20       | 1         | ... | 1             | 2   | ...       | ... | ...           | ... |
| 20—25       | 5         | 5   | ...           | ... | 2         | 1   | ...           | ... |
| 25—35       | 11        | 7   | ...           | ... | 3         | 2   | ...           | ... |
| 35—45       | 10        | 5   | ...           | ... | 3         | ... | ...           | ... |
| 45—55       | 5         | 1   | ...           | ... | 6         | ... | ...           | ... |
| 55—65       | ...       | 1   | ...           | 1   | 1         | ... | ...           | 1   |
| 65 and over | 1         | ... | ...           | ... | 2         | ... | ...           | ... |
| TOTALS      | 35        | 25  | 25            | 11  | 17        | 3   | 4             | 1   |

### Public Health (Prevention of Tuberculosis) Regulations 1925.

No action was taken during the year relating to Tubercular employees in the milk trade.

### Public Health Act, 1925, Section 62.

No action was taken during the year under this section.



DISTRIBUTION OF INFECTIOUS DISEASES DURING  
THE YEAR 1925.

| Parish.           | Scarlet Fever. | Diphtheria. | Influenza-<br>Pneumonia. | Encephalitis<br>Lethargica. | Erysipelas. | Acute<br>Poliomyelitis | Ophthalmia<br>Neonatorum. | Puerperal Fever. | Pulmonary<br>Tuberculosis. | Other forms of<br>Tuberculosis. | Total. |
|-------------------|----------------|-------------|--------------------------|-----------------------------|-------------|------------------------|---------------------------|------------------|----------------------------|---------------------------------|--------|
| Ashington ...     | 1              | 1           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 7                          | 0                               | 9      |
| Barling ...       | 0              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 0      |
| Canewdon ...      | 4              | 1           | 2                        | 0                           | 0           | 0                      | 0                         | 0                | 1                          | 0                               | 8      |
| Canvey Island     | 2              | 3           | 0                        | 0                           | 0           | 1                      | 0                         | 0                | 22                         | 8                               | 36     |
| Eastwood ...      | 7              | 1           | 1                        | 0                           | 2           | 0                      | 0                         | 0                | 0                          | 1                               | 12     |
| Foulness ...      | 3              | 0           | 1                        | 0                           | 0           | 0                      | 0                         | 0                | 1                          | 0                               | 5      |
| Great Stambridge  | 0              | 0           | 0                        | 0                           | 1           | 0                      | 0                         | 0                | 0                          | 0                               | 1      |
| Great Wakering    | 1              | 0           | 2                        | 0                           | 0           | 0                      | 0                         | 0                | 2                          | 5                               | 10     |
| Hadleigh ...      | 6              | 0           | 1                        | 0                           | 0           | 0                      | 1                         | 0                | 2                          | 2                               | 12     |
| Havengore ...     | 0              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 0      |
| Hawkwell ...      | 0              | 3           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 3                          | 1                               | 7      |
| Hockley ...       | 0              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 0      |
| Little Stambridge | 0              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 0      |
| Little Wakering   | 0              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 1                          | 0                               | 1      |
| North Shoebury    | 0              | 0           | 1                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 1      |
| Paglesham ...     | 0              | 0           | 1                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 1      |
| Rawreth ...       | 13             | 2           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 15     |
| Rayleigh ...      | 4              | 1           | 0                        | 0                           | 2           | 0                      | 1                         | 0                | 6                          | 5                               | 19     |
| Rochford ...      | 4              | 8           | 8                        | 3                           | 0           | 0                      | 2                         | 2                | 4                          | 1                               | 32     |
| Shopland ...      | 0              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 0      |
| South Benfleet    | 4              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 4                          | 0                               | 8      |
| South Fambridge   | 0              | 2           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 2      |
| Sutton ...        | 0              | 0           | 0                        | 0                           | 0           | 0                      | 0                         | 0                | 0                          | 0                               | 0      |
| Thundersley ...   | 15             | 0           | 0                        | 0                           | 1           | 0                      | 0                         | 0                | 7                          | 0                               | 23     |
| Total ...         | 64             | 22          | 17                       | 3                           | 6           | 1                      | 4                         | 2                | 60                         | 23                              | 202    |

## NOTIFIABLE DISEASES DURING THE YEAR.

| Disease.                    | Total. | Under<br>1. | 1-5 | 5-10 | 10-15 | 15-20 | 20-35 | 35-45 | 45-65 | 65 and<br>over. | Total cases<br>admitted<br>to hospital. | Total Deaths. |
|-----------------------------|--------|-------------|-----|------|-------|-------|-------|-------|-------|-----------------|-----------------------------------------|---------------|
| Scarlet Fever ...           | 64     | 1           | 13  | 36   | 8     | 2     | 4     | —     | —     | —               | 62 <sup>o</sup>                         | 1             |
| Diphtheria ...              | 22     | —           | 7   | 6    | 3     | 2     | 2     | 1     | 1     | —               | 19                                      | 3             |
| Acute Poliomyelitis ...     | 1      | —           | —   | 1    | —     | —     | —     | —     | —     | —               | —                                       | —             |
| Erysipelas ...              | 6      | —           | —   | —    | —     | —     | 1     | —     | 4     | 1               | —                                       | —             |
| Influenzal Pneumonia ...    | 17     | —           | —   | 1    | 1     | —     | 3     | 4     | 5     | 3               | —                                       | 2             |
| Puerperal Fever ...         | 2      | —           | —   | —    | —     | —     | 2     | —     | —     | —               | —                                       | —             |
| Encephalitis Lethargica ... | 3      | —           | —   | —    | —     | —     | 2     | —     | 1     | —               | —                                       | —             |
| Totals ...                  | 115    | 1           | 20  | 44   | 12    | 4     | 14    | 5     | 11    | 4               | 81                                      | 6             |

OPHTHALMIA NEONATORUM—Cases Notified, 4; — Cases Treated at Home, 2; — Cases treated in Infirmary, 2; — Vision unimpaired, 4.  
<sup>o</sup>1 removed to Billericay Isolation Hospital.





ISOLATION HOSPITALS.—Table of Admissions and Deaths, 1902-1925.

| Year   | ROCHFORD. R.D.   |                 |                  |                   | CANVEY ISLAND.   |                 |                  |                   | SHOEBURYNESSE U.D. |                 |                  |                   | MILITARY.        |                 |                  |                   |    |   |    |   |    |
|--------|------------------|-----------------|------------------|-------------------|------------------|-----------------|------------------|-------------------|--------------------|-----------------|------------------|-------------------|------------------|-----------------|------------------|-------------------|----|---|----|---|----|
|        | Scarlet<br>Fever | Diph-<br>theria | Enteric<br>Fever | Other<br>Diseases | Scarlet<br>Fever | Diph-<br>theria | Enteric<br>Fever | Other<br>Diseases | Scarlet<br>Fever   | Diph-<br>theria | Enteric<br>Fever | Other<br>Diseases | Scarlet<br>Fever | Diph-<br>theria | Enteric<br>Fever | Other<br>Diseases |    |   |    |   |    |
| 1902   | 8                | ...             | 6                | [a]<br>39         | ...              | ...             | ...              | [a]<br>1          | 8                  | 2               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1903   | 7                | ...             | 4                | [a]<br>2          | ...              | ...             | ...              | [a]<br>2          | 6                  | ...             | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1904   | 8                | ...             | 4                | ...               | ...              | ...             | ...              | ...               | ...                | ...             | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1905   | 17               | ...             | 3                | ...               | ...              | ...             | ...              | ...               | ...                | ...             | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1906   | 29               | ...             | 3                | ...               | ...              | ...             | ...              | ...               | 35                 | 4               | ...              | ...               | ...              | ...             | 3                | 1                 |    |   |    |   |    |
| 1907   | 17               | ...             | 4                | ...               | ...              | ...             | ...              | ...               | 4                  | 10              | 4                | ...               | ...              | ...             | 2                | ...               |    |   |    |   |    |
| 1908   | 43               | ...             | 1                | ...               | ...              | ...             | ...              | ...               | 4                  | 2               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1909   | 82               | ...             | 3                | ...               | ...              | ...             | ...              | ...               | 3                  | 13              | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1910   | 23               | ...             | 1                | ...               | ...              | ...             | ...              | ...               | 3                  | 13              | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1911   | 10               | ...             | 2                | ...               | ...              | ...             | ...              | ...               | 3                  | 3               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1912   | 17               | ...             | 1                | ...               | ...              | ...             | ...              | ...               | 3                  | 3               | ...              | ...               | ...              | ...             | 1                | ...               |    |   |    |   |    |
| 1913   | 13               | ...             | 1                | ...               | ...              | ...             | ...              | ...               | 3                  | 3               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1914   | 68               | 1               | 2                | ...               | ...              | ...             | ...              | ...               | 2                  | ...             | 10               | 1                 | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1915   | 42               | ...             | 1                | ...               | ...              | ...             | ...              | ...               | 1                  | 1               | ...              | ...               | ...              | ...             | 1                | ...               |    |   |    |   |    |
| 1916   | 11               | ...             | ...              | [b]<br>1          | ...              | ...             | ...              | ...               | 4                  | 1               | ...              | ...               | ...              | ...             | 1                | ...               |    |   |    |   |    |
| 1917   | 18               | ...             | 1                | [c]<br>1          | ...              | ...             | ...              | ...               | 7                  | 2               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1918   | 4                | ...             | ...              | ...               | ...              | ...             | ...              | ...               | 1                  | ...             | 1                | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1919   | 29               | ...             | ...              | ...               | ...              | ...             | ...              | ...               | 1                  | ...             | 1                | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1920   | 32               | ...             | 4                | ...               | ...              | ...             | ...              | ...               | 10                 | 1               | 1                | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1921   | 38               | ...             | 1                | ...               | ...              | ...             | ...              | ...               | 20                 | 6               | 2                | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1922   | 28               | ...             | 3                | ...               | ...              | ...             | ...              | ...               | 17                 | 3               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1923   | 32               | ...             | ...              | ...               | ...              | ...             | ...              | ...               | 19                 | 3               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1924   | 51               | ...             | ...              | ...               | ...              | ...             | ...              | ...               | 2                  | 3               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| 1925   | 60               | ...             | ...              | ...               | ...              | ...             | ...              | ...               | 4                  | 3               | ...              | ...               | ...              | ...             | ...              | ...               |    |   |    |   |    |
| Totals | 587              | 4               | 224              | 25                | 44               | 5               | 20               | 4                 | 190                | 4               | 102              | 15                | 36               | 3               | 2                | 67                | 34 | 1 | 10 | 1 | 12 |

One Scarlet Fever case removed from Rochford R.D. to Billericay Isolation Hospital in 1925 is included in the above figures.  
 [a] Smallpox. [b] Measles. [c] Contact Cerebro Spinal Meningitis. [d] Mumps. [e] Erysipelas.



## FACTORIES, WORKSHOPS & WORKPLACES

### 1.—Inspection of Factories, Workshops and Workplaces.

INCLUDING INSPECTIONS made by SANITARY INSPECTORS.

| Premises.<br>(1)                                              | Number of           |                         |                      |
|---------------------------------------------------------------|---------------------|-------------------------|----------------------|
|                                                               | Inspections.<br>(2) | Written Notices.<br>(3) | Prosecutions.<br>(4) |
| <b>Factories</b> ... ..<br>(Including Factory Laundries)      | 3                   | Nil.                    | Nil.                 |
| <b>Workshops</b> ... ..<br>(Including Workshop Laundries)     | 69                  | 26                      | Nil.                 |
| <b>Workplaces</b> ... ..<br>(Other than Outworkers' Premises) | 40                  | Nil.                    | Nil.                 |
| <b>Total</b> ... ..                                           | 112                 | 26                      | Nil.                 |

### 2.—Defects found in Factories, Workshops and Workplaces.

| Particulars.<br>(1)                                                                                                                                                                                                                  | Number of defects.      |                  |                                          | Number<br>of<br>Prose-<br>cutions.<br>(5) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------|------------------------------------------|-------------------------------------------|
|                                                                                                                                                                                                                                      | Found.<br>(2)           | Remedied.<br>(3) | Referred<br>to H.M.<br>Inspector.<br>(4) |                                           |
| <i>Nuisances under the Public Health Acts.—†</i>                                                                                                                                                                                     |                         |                  |                                          |                                           |
| Want of cleanliness ... ..                                                                                                                                                                                                           | 12                      | 11               | —                                        | —                                         |
| Want of ventilation ... ..                                                                                                                                                                                                           |                         |                  |                                          |                                           |
| Overcrowding ... ..                                                                                                                                                                                                                  |                         |                  |                                          |                                           |
| Want of drainage of floors ... ..                                                                                                                                                                                                    |                         |                  |                                          |                                           |
| Sanitary accommodation {                                                                                                                                                                                                             | insufficient ... ..     | 1                | 1                                        | —                                         |
|                                                                                                                                                                                                                                      | unsuitable or defective | 6                | 6                                        | —                                         |
|                                                                                                                                                                                                                                      | not separate for sexes  | 1                | 1                                        | —                                         |
| <i>Offences under the Factory and Workshops Act:—</i>                                                                                                                                                                                |                         |                  |                                          |                                           |
| Illegal occupation of underground<br>bakehouse (s. 101) ... ..                                                                                                                                                                       |                         |                  |                                          |                                           |
| Other offences ... ..<br>(Excluding offences relating to out-<br>work and offences under the<br>Sections mentioned in the Sched-<br>ule in the Ministry of Health<br>(Factories and Workshops Trans-<br>fer of Powers) Order, 1921). |                         |                  |                                          |                                           |
| <b>Total</b> ... ..                                                                                                                                                                                                                  | 20                      | 19               | —                                        | —                                         |

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

REPORT OF PETROLEUM INSPECTOR.

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MR. CHAIRMAN AND GENTLEMEN,

The work undertaken by your Sanitary Inspector is incorporated in the Medical Officer of Health's report.

The following gives particulars of work undertaken as Petroleum Inspector.

## PETROLEUM ACTS.

During the year, thirty-four licences were renewed and seventeen new licences were granted by the Council to store petrol. In six instances the licencees have two methods of storage.

The licence fee is 5s., which is retained by the District Council.

Applicants for licences are required to complete a form giving particulars of their premises wherein it is proposed to store the spirit, together with the method and capacity of storage. Upon inspection it is ascertained whether the conditions are as stated and also whether the provisions of the Acts have been observed.

Owners of light vehicles are permitted to store up to sixty gallons without a licence, provided it is for their own use. If, however, the store is situated within twenty feet of any other building or timber stack, or other inflammable goods, the person must give notice to the Local Authority, and such notice is to be renewed in the month of January each year.



The following table shows the number and distribution of Petroleum Licenses during the year 1925.

| Parish.         | Name of Licensee.                     | Maximum Licensed Storage. |                     |        |
|-----------------|---------------------------------------|---------------------------|---------------------|--------|
|                 |                                       | In under-ground tanks.    | In two-gallon tins. | Total. |
| Ashingdon ...   | Price, W. ...                         | ...                       | 20                  | 20     |
|                 | Gregory, E. ...                       | ...                       | 30                  | 30     |
|                 | Marshall, A. ...                      | ...                       | 12                  | 12     |
| Benfleet, South | Pask, H. ...                          | 300                       | ...                 | 300    |
|                 | Davis, H. & Son ...                   | 300                       | ...                 | 300    |
|                 | Pearse, A. ...                        | 250                       | 50                  | 300    |
| Canvey Island   | Hiscock, V. ...                       | ...                       | 50                  | 50     |
|                 | Holmes Bros. ...                      | 500                       | ...                 | 500    |
|                 | Nickolds, P. F. B. ...                | ...                       | 100                 | 100    |
|                 | Hooton, B. W. ...                     | ...                       | 100                 | 100    |
| Eastwood ...    | Ryall, P. ...                         | 500                       | ...                 | 500    |
|                 | Young, C. G. ...                      | 300                       | ...                 | 300    |
|                 | Thornton, W. A. ...                   | 200                       | ...                 | 200    |
|                 | Edwards Hall Motors ...               | 500                       | ...                 | 500    |
| Gt. Stambridge  | Smith & Son ...                       | 300                       | ...                 | 300    |
| Gt. Wakering... | Lynch, A. J. ...                      | ...                       | 20                  | 20     |
|                 | French, E. ...                        | 300                       | 50                  | 350    |
| Hadleigh ...    | Hadleigh and District Motors ...      | 1000                      | ...                 | 1000   |
|                 | Hadleigh Garage and Transport Co. ... | ...                       | 30                  | 30     |
|                 | Norman, F. A. ...                     | 1000                      | 100                 | 1100   |
|                 | Francis, S. G. ...                    | ...                       | 30                  | 30     |
| Hockley ...     | Quy, T. ...                           | ...                       | 20                  | 20     |
|                 | Potter, I. ...                        | 400                       | ...                 | 400    |
|                 | Ellis, L. ...                         | ...                       | 20                  | 20     |
|                 | Morling, W. V. ...                    | 800                       | ...                 | 800    |
|                 | Harrison, W. C. ...                   | ...                       | 50                  | 50     |
| Rawreth ...     | Benham, A. J. ...                     | ...                       | 50                  | 50     |
| Rayleigh ...    | Colvin & Hincksman ...                | 500                       | 50                  | 550    |
|                 | Dyson-Hughes, T. P. ...               | 300                       | ...                 | 300    |
|                 | Devenish, E. B. ...                   | 500                       | ...                 | 500    |
|                 | Springett, A. J. ...                  | 1000                      | ...                 | 1000   |
|                 | Grays and Tilbury Gas Co. ...         | ...                       | 20                  | 20     |
|                 | Driscoll, T. ...                      | ...                       | 50                  | 50     |
|                 | Millar, C. M. ...                     | ...                       | 50                  | 50     |
|                 | Thorn, J. ...                         | ...                       | 50                  | 50     |
| Rochford ...    | Cowling, P. ...                       | ...                       | 40                  | 40     |
|                 | Roughton, P. A. ...                   | ...                       | 40                  | 40     |
|                 | Whittingham, W. H. ...                | 500                       | ...                 | 500    |
|                 | Warren, C. & F. ...                   | ...                       | 40                  | 40     |
| Thundersley ... | Willis, J. ...                        | 500                       | 50                  | 550    |
|                 | Webb, Bros. ...                       | 500                       | ...                 | 500    |
|                 | Abrahams, J. ...                      | ...                       | 20                  | 20     |
|                 | Packham Bros. ...                     | 250                       | 20                  | 270    |
| Wallasea Island | Thundersley Garage ...                | 5000                      | ...                 | 5000   |
|                 | Snell, R. H. ...                      | 300                       | ...                 | 300    |
|                 |                                       | 16000                     | 1142                | 17142  |

I beg to remain, Your obedient Servant,

BERTRAM G. ELLIS.

REPORT ON VETERINARY INSPECTION OF  
DAIRY HERDS

By

W. S. MULVEY, Esq., F.R.C.V.S.

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*To the Chairman and Members of the Rochford Rural  
District Council.*

Sir, and Gentlemen,

I have the honour to submit for your information the following Report on the examination of the Dairy Cows and Cowsheds in your district, which I have recently completed.

I am glad to say that the Tuberculosis Order of 1914 has now been put into force since 1st September, 1925, and is working very well.

GENERAL REMARKS.

The condition in your district is much better than I expected to find it ; the cows are especially good. The greater part of the sheds are good, clean and well kept.

The position is as a whole, much better than in many other districts, and very much better than it was last year. I again wish to thank the owners of the premises for the courteous manner they received me and the prompt way they have carried out any suggestions I have made.

I would call your attention to the very general practice of



feeding calves on cows with diseased udders. If a cow has affection of the udder, nearly every owner puts one or two calves on her. What is the result?

Instead of stopping the disease, they are simply inoculating young susceptible animals with that disease.

Again, others give milk to pigs, and if you refer to the tables attached to my 1925 report you will see the very large percentage of pigs affected with tuberculosis.

### SPECIAL REMARKS.

CLEANLINESS.—In order that the animals should be well groomed and kept, it is strongly advised that the thighs and quarters of the cows be clipped.

DRAINAGE, SANITATION AND HYGIENE.—This requires no special remarks as it is so very much improved, and many alterations are now being carried out.

A detailed report on each shed has already been furnished.

There is of course still room for improvement and, by the aid of periodical inspection, there is no doubt this will be done.

In conclusion I once again draw your attention to the urgent need of a careful Clinical Inspection, together with the enforcement of the Tuberculosis Order of 1925.

I have the honour to be Gentlemen,

Your Obedient Servant,

W. S. MULVEY,

Chelmsford,

T.D., F.R.C.V.S.

July 19th, 1926.

Table showing number of herds in each parish, number of cows, number inspected and number in milk.

| PARISH.               | No. of Herds. | No. of Cows. | No. Inspected. | No. in Milk. |
|-----------------------|---------------|--------------|----------------|--------------|
| Ashingdon ...         | 3             | 33           | 22             | 23           |
| Canewdon ...          | 8             | 195          | 185            | 165          |
| Canvey Island ...     | 9             | 158          | 158            | 121          |
| Eastwood... ..        | 11            | 125          | 125            | 106          |
| Great Wakering ...    | 3             | 60           | 60             | 52           |
| Great Stambridge ...  | 2             | 98           | 98             | 83           |
| Hadleigh... ..        | 3             | 38           | 38             | 31           |
| Hawkwell ...          | 1             | 3            | 3              | 3            |
| Hockley ...           | 7             | 115          | 111            | 101          |
| Little Stambridge ... | 1             | 41           | 41             | 37           |
| Little Wakering ..    | 1             | 50           | 38             | 38           |
| North Shoebury ...    | 2             | 48           | 48             | 42           |
| Paglesham ...         | 2             | 56           | 56             | 45           |
| Rawreth ...           | 5             | 113          | 113            | 104          |
| Rayleigh ...          | 16            | 132          | 132            | 109          |
| Rochford ...          | 5             | 125          | 125            | 116          |
| South Benfleet ...    | 1             | 3            | 3              | 3            |
| South Fambridge ...   | 4             | 87           | 82             | 80           |
| Sutton ...            | 2             | 140          | 140            | 125          |
| Shopland ..           | 1             | 42           | 42             | 40           |
| Thundersley ...       | 9             | 50           | 50             | 41           |
| Wallasea Island ...   | 1             | 64           | 54             | 54           |
| TOTAL ...             | 97            | 1776         | 1724           | 1519         |



Table showing number of Cows with abnormal condition of Udder, Teats or Milk.

| PARISH.           | Tubercle<br>of Udder. | Mammitis. | Atrophy. | Cow-pox. | Contagious<br>Abortion. | Actino-<br>Mycosis. | Induration of<br>Udder. Non-<br>Tubercular. | Induration of<br>Teats on<br>False Quarters | Eruption of<br>Teats | Advanced<br>Tuberculosis. | No. of Cows<br>turned out of<br>herds. | Samples of Milk taken<br>and Result. |
|-------------------|-----------------------|-----------|----------|----------|-------------------------|---------------------|---------------------------------------------|---------------------------------------------|----------------------|---------------------------|----------------------------------------|--------------------------------------|
| Ashington ..      | ...                   | ...       | 1        | ...      | ...                     | ...                 | 1                                           | 1                                           | 4                    | 1                         | ...                                    | 1 Pus                                |
| Canewdon ..       | ...                   | ...       | 5        | ...      | 2                       | ...                 | 1                                           | ...                                         | 1                    | 1                         | ...                                    | 1 Negative                           |
| Canvey Island     | ...                   | ...       | 3        | ...      | ...                     | ...                 | 2                                           | ...                                         | 2                    | ...                       | ...                                    | 1 Blood and Pus                      |
| Eastwood ...      | ...                   | 1         | 4        | ...      | ...                     | ...                 | 1                                           | ...                                         | ...                  | ...                       | ...                                    | ...                                  |
| Great Wakering    | ...                   | ...       | ...      | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | ...                       | ...                                    | ...                                  |
| Great Stambridge  | ...                   | 1         | ...      | ...      | ...                     | ...                 | ...                                         | ...                                         | 2                    | ...                       | ...                                    | 1 Tubercle bacilli                   |
| Hadleigh ...      | ...                   | ...       | 2        | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | 1                         | ...                                    | ...                                  |
| Hawkwell ...      | ...                   | ...       | ...      | ...      | ...                     | ...                 | ...                                         | ...                                         | 2                    | 1                         | ...                                    | ...                                  |
| Hockley ...       | ...                   | 1         | 5        | 1        | ...                     | ...                 | ...                                         | 1                                           | 1                    | 1                         | ...                                    | 1 Negative                           |
| Little Stambridge | ...                   | ...       | 3        | ...      | ...                     | ...                 | ...                                         | 1                                           | ...                  | ...                       | ...                                    | ...                                  |
| Little wakering   | ...                   | ...       | 1        | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | ...                       | ...                                    | ...                                  |
| North Shoebury    | 1                     | 1         | 1        | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | ...                       | ...                                    | 2-1 Blood & Pus, 1 Pus               |
| Paglesham ...     | ...                   | 2         | 2        | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | ...                       | ...                                    | 1 Blood and Pus                      |
| Rawreth ...       | ...                   | 1         | 6        | ...      | ...                     | ...                 | ...                                         | ...                                         | 2                    | ...                       | ...                                    | ...                                  |
| Rayleigh ...      | ...                   | 1         | 3        | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | ...                       | ...                                    | ...                                  |
| Rochford ...      | ...                   | 1         | 1        | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | 1                         | ...                                    | 1 Negative                           |
| South Benfleet    | ...                   | ...       | ...      | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | ...                       | ...                                    | ...                                  |
| South Fambridge   | ...                   | 1         | 4        | ...      | ...                     | ...                 | 1                                           | ...                                         | 1                    | ...                       | ...                                    | ...                                  |
| Sutton ...        | ...                   | 1         | 1        | ...      | ...                     | ...                 | ...                                         | ...                                         | 2                    | ...                       | ...                                    | ...                                  |
| Shopland ...      | ...                   | ...       | ...      | ...      | ...                     | ...                 | ...                                         | ...                                         | ...                  | ...                       | ...                                    | ...                                  |
| Thundersley       | ...                   | 1         | 2        | ...      | ...                     | ...                 | ...                                         | ...                                         | 1                    | ...                       | ...                                    | ...                                  |
| Wallasea Island   | ...                   | ...       | ...      | ...      | ...                     | ...                 | ...                                         | ...                                         | 1                    | ...                       | ...                                    | ...                                  |
| TOTALS            | 1                     | 11        | 44       | 1        | 2                       | —                   | 5                                           | 3                                           | 19                   | 5                         | —                                      | 9                                    |

Statement showing Rateable Value of various Parishes in Rural District.

| PARISHES.              | 1891<br>£ | 1901<br>£ | 1911<br>£ | 1921<br>£ | 1922<br>£ | 1923<br>£ | 1924<br>£ | 1925<br>£ | 1926<br>£ |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Ashington ...          | 1035      | 876       | 1540      | 1794      | 1868      | 1975      | 1940      | 2009      | 2190      |
| Barling ...            | 2401      | 1917      | 1806      | 2008      | 2255      | 2143      | 2150      | 2161      | 2680      |
| Benfleet, South ...    | 3557      | 4566      | 7368      | 10808     | 11553     | 11259     | 11815     | 15238     | 17461     |
| Canewdon ...           | 5364      | 3778      | 3932      | 4459      | 4265      | 3736      | 3992      | 3989      | 4191      |
| Eastwood ...           | 4964      | 6295      | 8041      | 8374      | 9065      | 9169      | 9409      | 10089     | 10432     |
| Fambridge, South ...   | 831       | 1156      | 1286      | 1541      | 1765      | 1641      | 1648      | 1687      | 1687      |
| Foulness ...           | 6423      | 2009      | 2907      | 3260      | 3732      | 3471      | 3515      | 3835      | 3915      |
| Hadleigh ...           | 2615      | 5609      | 7911      | 10882     | 12312     | 11558     | 13071     | 14249     | 15409     |
| Havengore ...          | 243       | 40        | 125       | 125       | 125       | 125       | 125       | 125       | 125       |
| Hawkwell ...           | 1789      | 1902      | 2488      | 2858      | 2982      | 3031      | 3514      | 4027      | 4769      |
| Hockley ...            | 3982      | 4829      | 5948      | 6607      | 6778      | 6832      | 7255      | 7881      | 8797      |
| Paglesham ...          | 3343      | 2752      | 2366      | 2762      | 2691      | 2527      | 2385      | 2563      | 2494      |
| Rawreth ...            | 2369      | 1858      | 1933      | 2816      | 2741      | 2600      | 2735      | 2895      | 3062      |
| Rayleigh ...           | 5215      | 7512      | 11332     | 13481     | 14466     | 14754     | 16130     | 17021     | 18221     |
| Rochford ...           | 6099      | 6813      | 7768      | 9524      | 10101     | 10127     | 10388     | 10816     | 11318     |
| Shoebury, North ...    | 2166      | 2062      | 2608      | 2483      | 2726      | 2593      | 2610      | 2715      | 2647      |
| Shoeland ...           | 1493      | 1021      | 1002      | 1142      | 1142      | 1186      | 1166      | 1161      | 1167      |
| Stambridge, Great ...  | 2795      | 2385      | 2201      | 2607      | 2619      | 2479      | 2462      | 2502      | 2615      |
| Stambridge, Little ... | 1169      | 1081      | 1201      | 1393      | 1393      | 1310      | 1268      | 1362      | 1330      |
| Sutton ...             | 1367      | 1389      | 1389      | 1354      | 1354      | 1354      | 1293      | 1386      | 1386      |
| Thundersley ...        | 2018      | 3415      | 6207      | 9716      | 10313     | 11149     | 11089     | 12790     | 14598     |
| Wakering, Great ...    | 6700      | 6851      | 6594      | 6971      | 7327      | 7289      | 7373      | 7661      | 8638      |
| Wakering, Little ...   | 2901      | 2424      | 2795      | 2795      | 3225      | 3274      | 3256      | 3369      | 3461      |
| TOTALS...              | 70839     | 72540     | 90748     | 109760    | 116738    | 115582    | 120689    | 131531    | 142593    |
| Canvey Island ...      | 3798      | 3200      | 3419      | 4408      | 5779      | 8988      | 11460     | 13865     | 17758     |
| GRAND TOTALS           | 74637     | 75740     | 94167     | 114168    | 122517    | 124570    | 132149    | 145396    | 160351    |



## ROCHFORD RURAL DISTRICT COUNCIL.

Statement showing Assessable Value of various Parishes in Rural District.

| PARISHES.              | 1891<br>£ | 1901<br>£ | 1911<br>£ | 1921<br>£ | 1922<br>£ | 1923<br>£ | 1924<br>£ | 1925<br>£ | 1926<br>£ |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Ashington ...          | 1035      | 699       | 1307      | 1511      | 1583      | 1710      | 1682      | 1752      | 1933      |
| Barling ...            | 2401      | 1513      | 1361      | 1539      | 1618      | 1559      | 1566      | 1578      | 2096      |
| Benfleet, South ...    | 3557      | 4359      | 7164      | 10564     | 11298     | 10994     | 12913     | 14991     | 17219     |
| Canewdon ...           | 5364      | 2998      | 3046      | 3503      | 3311      | 2780      | 3069      | 3039      | 3244      |
| Eastwood ...           | 4964      | 5375      | 7196      | 7567      | 8146      | 8252      | 8542      | 9180      | 9524      |
| Fambridge, South ...   | 831       | 955       | 1085      | 1254      | 1478      | 1354      | 1361      | 1401      | 1400      |
| Foulness ...           | 6423      | 2346      | 2006      | 2557      | 2572      | 2296      | 2355      | 2523      | 2603      |
| Hadleigh ...           | 2615      | 5324      | 7646      | 10547     | 11948     | 11192     | 12705     | 13892     | 15059     |
| Havengore ...          | 243       | 30        | 125       | 125       | 125       | 125       | 125       | 125       | 125       |
| Hawkwell ...           | 1789      | 1583      | 2166      | 2454      | 2577      | 2660      | 3153      | 3676      | 4446      |
| Hockley ...            | 3982      | 4261      | 5429      | 5916      | 6064      | 6254      | 6549      | 7183      | 8130      |
| Paglesham ...          | 3343      | 2287      | 1940      | 2186      | 2130      | 1965      | 1868      | 2034      | 1965      |
| Rawreth ...            | 2369      | 1559      | 1648      | 2340      | 2285      | 2143      | 2284      | 2433      | 2603      |
| Rayleigh ...           | 5215      | 6979      | 10671     | 12782     | 13411     | 13761     | 15190     | 16090     | 17290     |
| Rochford... ..         | 6099      | 6091      | 7100      | 8856      | 9376      | 9401      | 9625      | 10101     | 10605     |
| Shoebury, North... ..  | 2166      | 1646      | 2056      | 2246      | 2226      | 2097      | 2114      | 2219      | 2154      |
| Shopland... ..         | 1493      | 657       | 650       | 679       | 679       | 723       | 703       | 698       | 704       |
| Stambridge, Great ...  | 2795      | 1885      | 1690      | 1987      | 2060      | 1841      | 1835      | 1865      | 1979      |
| Stambridge, Little ... | 1169      | 856       | 971       | 1148      | 1148      | 1065      | 1023      | 1117      | 1085      |
| Sutton ...             | 1367      | 965       | 988       | 925       | 926       | 925       | 965       | 957       | 958       |
| Thundersley ...        | 2018      | 3021      | 5873      | 9220      | 9830      | 10659     | 10658     | 12233     | 14172     |
| Wakering, Great ...    | 6700      | 6084      | 5764      | 6344      | 6297      | 6244      | 6328      | 6617      | 7594      |
| Wakering, Little ...   | 2901      | 1965      | 2307      | 2297      | 2497      | 2547      | 2539      | 2642      | 2734      |
| TOTALS... ..           | 70839     | 63436     | 80199     | 98547     | 103525    | 102545    | 109152    | 118346    | 126622    |
| Canvey Island ...      | 3798      | 2261      | 2673      | 3720      | 5090      | 8308      | 10811     | 13204     | 17140     |
| GRAND TOTALS           | 74637     | 65697     | 82872     | 102267    | 108615    | 110853    | 119963    | 131650    | 143762    |

## ROCHFORD RURAL DISTRICT COUNCIL.

Statement showing produce of 1d. in the £ on Assessable Value of various Parishes in Rural District.

| PARISHES.          | 1891<br>£ | 1901<br>£ | 1911<br>£ | 1921<br>£ | 1922<br>£ | 1923<br>£ | 1924<br>£ | 1925<br>£ | 1926<br>£ |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Ashington          | 4         | 3         | 5         | 6         | 6         | 7         | 7         | 7         | 8         |
| Barling            | 10        | 6         | 5         | 6         | 6         | 6         | 6         | 6         | 9         |
| Benfleet, South    | 15        | 18        | 30        | 44        | 47        | 45        | 54        | 62        | 72        |
| Canewdon           | 22        | 12        | 12        | 14        | 13        | 11        | 12        | 12        | 13        |
| Eastwood           | 20        | 22        | 30        | 31        | 34        | 34        | 36        | 38        | 40        |
| Fambridge, South   | 3         | 4         | 4         | 5         | 6         | 5         | 5         | 6         | 6         |
| Foulness           | 27        | 9         | 9         | 10        | 10        | 9         | 9         | 10        | 11        |
| Hadleigh           | 11        | 22        | 32        | 43        | 49        | 46        | 53        | 58        | 62        |
| Havengore          | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Hawke              | 7         | 6         | 9         | 10        | 10        | 11        | 13        | 15        | 18        |
| Hockley            | 16        | 17        | 22        | 24        | 25        | 26        | 27        | 30        | 34        |
| Paglesham          | 14        | 9         | 8         | 9         | 9         | 8         | 7         | 8         | 8         |
| Rawreth            | 9         | 6         | 7         | 9         | 9         | 9         | 9         | 10        | 11        |
| Rayleigh           | 22        | 29        | 44        | 53        | 55        | 57        | 63        | 67        | 72        |
| Rochford           | 25        | 25        | 29        | 36        | 39        | 39        | 40        | 42        | 44        |
| Shoebury, North    | 9         | 7         | 8         | 9         | 9         | 8         | 9         | 9         | 9         |
| Shopland           | 6         | 2         | 2         | 2         | 2         | 3         | 3         | 3         | 3         |
| Stambridge, Great  | 11        | 7         | 7         | 8         | 8         | 7         | 7         | 8         | 8         |
| Stambridge, Little | 4         | 3         | 4         | 4         | 4         | 4         | 4         | 4         | 4         |
| Sutton             | 5         | 4         | 4         | 3         | 3         | 3         | 4         | 4         | 4         |
| Thundersley        | 8         | 12        | 24        | 38        | 41        | 44        | 44        | 51        | 59        |
| Wakering, Great    | 28        | 25        | 24        | 26        | 26        | 26        | 26        | 27        | 31        |
| Wakering, Little   | 12        | 8         | 9         | 9         | 10        | 10        | 11        | 11        | 11        |
| TOTALS             | 288       | 256       | 328       | 399       | 421       | 418       | 449       | 488       | 537       |
| Canvey Island      | 16        | 9         | 11        | 15        | 21        | 35        | 45        | 55        | 71        |
| GRAND TOTALS       | 304       | 265       | 339       | 414       | 442       | 453       | 494       | 543       | 608       |



## ROCHFORD RURAL DISTRICT COUNCIL.

Amount of Precepts issued upon the Overseers of the various Parishes in the Rochford Union in respect of the Guardians' Expenses. Year ended 31st March.

| PARISHES.          | 1918<br>£ | 1919<br>£ | 1920<br>£ | 1921<br>£ | 1922<br>£ | 1923<br>£ | 1924<br>£ | 1925<br>£ | 1926<br>£ |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Ashington          | 242       | 274       | 338       | 492       | 589       | 573       | 466       | 463       | 471       |
| Barling            | 274       | 308       | 366       | 508       | 579       | 549       | 429       | 394       | 392       |
| Benfleet, South    | 1844      | 2070      | 2412      | 3666      | 4199      | 3803      | 3468      | 4062      | 4549      |
| Caneudon           | 528       | 636       | 788       | 1158      | 1309      | 1199      | 771       | 745       | 806       |
| Eastwood           | 1474      | 1628      | 1852      | 2550      | 2993      | 2944      | 2488      | 2531      | 2760      |
| Fambridge, South   | 204       | 234       | 270       | 396       | 453       | 503       | 372       | 358       | 372       |
| Foulness           | 338       | 370       | 462       | 720       | 850       | 791       | 566       | 499       | 460       |
| Hadleigh           | 2056      | 2226      | 2558      | 3744      | 4254      | 4102      | 3539      | 3889      | 4281      |
| Havengore          | 36        | 23        | 26        | 42        | 44        | 40        | 36        | 37        | 39        |
| Hawkwell           | 422       | 470       | 558       | 848       | 963       | 912       | 789       | 855       | 1075      |
| Hockley            | 1236      | 1392      | 1590      | 2110      | 2366      | 2198      | 1873      | 1946      | 2107      |
| Paglesham          | 334       | 388       | 466       | 714       | 822       | 750       | 543       | 508       | 519       |
| Rawreth            | 322       | 378       | 482       | 766       | 866       | 783       | 582       | 611       | 659       |
| Rayleigh           | 2538      | 2832      | 3308      | 4742      | 5380      | 5156      | 4534      | 4695      | 5316      |
| Rochford           | 1576      | 1738      | 2026      | 2876      | 3243      | 3138      | 2707      | 2747      | 2833      |
| Shoebury, North    | 456       | 452       | 544       | 772       | 899       | 819       | 633       | 620       | 650       |
| Shopland           | 142       | 156       | 192       | 246       | 237       | 229       | 178       | 142       | 132       |
| Stambridge, Great  | 358       | 400       | 456       | 626       | 738       | 682       | 516       | 476       | 476       |
| Stambridge, Little | 214       | 236       | 264       | 370       | 420       | 388       | 311       | 286       | 283       |
| Sutton             | 204       | 228       | 272       | 354       | 391       | 314       | 242       | 213       | 215       |
| Thundersley        | 1644      | 1880      | 2170      | 3224      | 3665      | 3544      | 3224      | 3332      | 3627      |
| Wakering, Great    | 1200      | 1350      | 1560      | 2222      | 2444      | 2251      | 1851      | 1817      | 1954      |
| Wakering, Little   | 374       | 440       | 524       | 734       | 873       | 869       | 710       | 670       | 702       |
| TOTALS...          | 18010     | 20109     | 23484     | 33880     | 38577     | 36537     | 30828     | 31896     | 34678     |
| Canvey Island      | 598       | 688       | 816       | 1308      | 1554      | 1916      | 2513      | 2649      | 3965      |
| Shoebury, South    | 4294      | 4734      | 5340      | 7482      | 8835      | 8445      | 7190      | 7400      | 7571      |
| Southend-on-Sea    | 25778     | 20114     | 29070     | 41080     | 62688     | 53672     | 43192     | 44164     | 51818     |
| GRAND TOTALS       | 48680     | 45945     | 58710     | 83750     | 111654    | 100570    | 83723     | 86109     | 98032     |

## ROCHFORD RURAL DISTRICT COUNCIL.

Amount of Precepts issued upon Overseers of the various Parishes in the Rural District in respect of  
Sanitary and Highway Expenses. Year ended 31st March.

| PARISHES.              | 1918<br>£ | 1919<br>£ | 1920<br>£ | 1921<br>£ | 1922<br>£ | 1923<br>£ | 1924<br>£ | 1925<br>£ | 1926<br>£ |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Ashington ...          | 112       | 98        | 169       | 201       | 348       | 363       | 363       | 432       | 576       |
| Barling ...            | 125       | 110       | 186       | 211       | 365       | 365       | 320       | 355       | 448       |
| Benfleet, South ...    | 850       | 725       | 1190      | 1430      | 2497      | 2566      | 2653      | 3746      | 5175      |
| Canewdon ...           | 263       | 240       | 406       | 481       | 808       | 782       | 591       | 715       | 882       |
| Eastwood ...           | 582       | 504       | 832       | 997       | 1728      | 1865      | 1813      | 2297      | 3138      |
| Fambridge, South ...   | 93        | 82        | 139       | 163       | 274       | 323       | 289       | 337       | 448       |
| Foulness ...           | 43        | 52        | 63        | 92        | 99        | 72        | 50        | 48        | 95        |
| Hadleigh ...           | 858       | 732       | 1199      | 1441      | 2484      | 2669      | 2577      | 3516      | 4830      |
| Hawkeell ...           | 195       | 167       | 276       | 334       | 571       | 594       | 596       | 863       | 1286      |
| Hockley ...            | 493       | 424       | 692       | 811       | 1357      | 1382      | 1356      | 1747      | 2474      |
| Paglesham ...          | 169       | 99        | 255       | 290       | 521       | 478       | 402       | 464       | 599       |
| Rawreth ...            | 162       | 103       | 265       | 302       | 564       | 528       | 471       | 585       | 776       |
| Rayleigh ...           | 1037      | 881       | 1453      | 1736      | 2977      | 3117      | 3081      | 4119      | 5736      |
| Rochford ...           | 728       | 625       | 1032      | 1230      | 1986      | 2153      | 2070      | 2599      | 3501      |
| Shoebury, North ...    | 189       | 146       | 242       | 294       | 520       | 515       | 445       | 541       | 686       |
| Shopland ...           | 63        | 54        | 91        | 100       | 152       | 161       | 135       | 130       | 160       |
| Stambridge, Great ...  | 148       | 147       | 227       | 258       | 567       | 447       | 378       | 425       | 503       |
| Stambridge, Little ... | 89        | 76        | 129       | 155       | 262       | 262       | 220       | 261       | 340       |
| Sutton ...             | 86        | 72        | 125       | 149       | 217       | 214       | 184       | 208       | 254       |
| Thundersley ...        | 708       | 606       | 1007      | 1209      | 2033      | 2259      | 2358      | 2932      | 4443      |
| Wakering, Great ...    | 518       | 451       | 749       | 881       | 1464      | 1438      | 1353      | 1666      | 2213      |
| Wakering, Little ...   | 167       | 156       | 252       | 304       | 542       | 583       | 530       | 629       | 802       |
| TOTALS...              | 7678      | 6550      | 10979     | 13069     | 22336     | 23136     | 22235     | 28615     | 39365     |
| Canvey Island ...      | 280       | 246       | 403       | 492       | 990       | 1360      | 1893      | 2656      | 4708      |
| GRAND TOTALS           | 7958      | 6796      | 11382     | 13561     | 23326     | 24496     | 24128     | 31271     | 44073     |



## ROCHFORD RURAL DISTRICT COUNCIL.

Amount of Precepts issued upon the Overseers of the various Parishes  
in the Rochford Rural District in respect of Special Expenses.  
Year ended 31st March.

| PARISHES.          | 1918<br>£ | 1919<br>£ | 1920<br>£ | 1921<br>£ | 1922<br>£ | 1923<br>£ | 1924<br>£ | 1925<br>£ | 1926<br>£ |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Ashingdon          | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Barling            | 19        | 17        | 27        | 30        | 25        | 27        | 26        | 31        | 44        |
| Benfleet, South    | 186       | 215       | 170       | 200       | 350       | 395       | 530       | 625       | 626       |
| Canewdon           | 61        | 20        | 30        | 25        | 50        | 176       | 116       | 212       | 460       |
| Eastwood           | 43        | 65        | 44        | 90        | 95        | 30        | 70        | 54        | 63        |
| Fambridge, South   | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Foulness           | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Hadleigh           | 232       | 200       | 185       | 228       | 376       | 480       | 496       | 404       | 1152      |
| Havengore          | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Hawkwell           | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Hockley            | 124       | 61        | 75        | 125       | 155       | 230       | 186       | 346       | 361       |
| Paglesham          | ...       | 6         | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Rawreth            | 17        | 29        | 40        | 65        | 85        | 160       | 278       | 449       | 214       |
| Rayleigh           | 236       | 237       | 179       | 252       | 409       | 400       | 542       | 513       | 341       |
| Rochford           | 1494      | 1550      | 1543      | 1964      | 1820      | 1200      | 1060      | 1554      | 1762      |
| Shoebury, North    | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Shopland           | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Stambridge, Great  | 15        | 29        | 16        | 45        | 38        | ...       | 10        | 26        | 22        |
| Stambridge, Little | 18        | 27        | 22        | 50        | 38        | 10        | 20        | 28        | 32        |
| Sutton             | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       | ...       |
| Thundersley        | ...       | 40        | 45        | 65        | 75        | 100       | ...       | 40        | 128       |
| Wakering, Great    | 43        | 132       | 200       | 233       | 462       | 460       | 270       | 358       | 217       |
| Wakering, Little   | 25        | 28        | 18        | 30        | 28        | 33        | 34        | 35        | 36        |
| TOTALS             | 2513      | 2656      | 2594      | 3402      | 4006      | 3701      | 3638      | 4675      | 5458      |
| Canvey Island      | 22        | 12        | ...       | ...       | 45        | 40        | ...       | ...       | ...       |
| GRAND TOTALS       | 2535      | 2668      | 2594      | 3402      | 4051      | 3741      | 3638      | 4675      | 5458      |

# ROCHFORD UNION & ROCHFORD RURAL DISTRICT COUNCIL.

Statement of the total amount of the Precepts issued upon the Overseers of the several Parishes by  
the Guardians and Rural District Council      Year ended 31st March.

| PARISHES.              | 1918<br>£ | 1919<br>£ | 1920<br>£ | 1921<br>£ | 1922<br>£ | 1923<br>£ | 1924<br>£ | 1925<br>£ | 1926<br>£ |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Ashington ...          | 354       | 372       | 507       | 693       | 937       | 936       | 829       | 895       | 1047      |
| Barling ...            | 418       | 435       | 579       | 749       | 969       | 941       | 775       | 780       | 884       |
| Benfleet, South ...    | 2880      | 3010      | 3772      | 5296      | 7046      | 6764      | 6651      | 8433      | 10350     |
| Canewdon ...           | 852       | 896       | 1224      | 1664      | 2167      | 2157      | 1478      | 1672      | 2148      |
| Eastwood ...           | 2099      | 2197      | 2728      | 3637      | 4816      | 4839      | 4371      | 4882      | 5961      |
| Fambridge, South ...   | 297       | 316       | 409       | 559       | 727       | 826       | 661       | 695       | 820       |
| Foulness ...           | 381       | 422       | 525       | 812       | 949       | 863       | 616       | 547       | 555       |
| Hadleigh ...           | 3146      | 3158      | 3942      | 5413      | 7114      | 7251      | 6612      | 7809      | 10263     |
| Havengore ...          | 36        | 23        | 26        | 42        | 44        | 40        | 36        | 37        | 39        |
| Hawkewell ...          | 617       | 637       | 834       | 1182      | 1534      | 1506      | 1385      | 1718      | 2361      |
| Hockley ...            | 1853      | 1877      | 2357      | 3046      | 3878      | 3810      | 3415      | 4039      | 4942      |
| Paglesham ...          | 503       | 493       | 721       | 1004      | 1343      | 1228      | 945       | 972       | 1118      |
| Rawreth ...            | 501       | 510       | 787       | 1133      | 1515      | 1471      | 1331      | 1645      | 1649      |
| Rayleigh ...           | 3811      | 3950      | 4910      | 6730      | 8766      | 8673      | 8157      | 9227      | 11393     |
| Rochford ...           | 3798      | 3913      | 4601      | 6070      | 7049      | 6491      | 5837      | 6900      | 8096      |
| Shoebury, North ...    | 645       | 598       | 786       | 1066      | 1419      | 1334      | 1078      | 1161      | 1336      |
| Shopland ...           | 205       | 210       | 283       | 346       | 389       | 390       | 313       | 272       | 292       |
| Stambridge, Great ...  | 521       | 576       | 699       | 929       | 1343      | 1129      | 904       | 927       | 1001      |
| Stambridge, Little ... | 321       | 339       | 415       | 575       | 720       | 660       | 551       | 575       | 655       |
| Sutton ...             | 290       | 300       | 397       | 503       | 608       | 528       | 426       | 421       | 469       |
| Thundersley ...        | 2352      | 2526      | 3222      | 4498      | 5773      | 5903      | 5582      | 6304      | 8198      |
| Wakering, Great ...    | 1761      | 1933      | 2509      | 3336      | 4370      | 4149      | 3474      | 3841      | 4384      |
| Wakering, Little ...   | 586       | 624       | 791       | 1068      | 1443      | 1485      | 1274      | 1334      | 1540      |
| TOTALS...              | 28201     | 29315     | 37057     | 50351     | 64919     | 63374     | 56701     | 65186     | 79501     |
| +Canvey Island ...     | 598       | 688       | 816       | 1308      | 1554      | 1916      | 2513      | 2649      | 3965      |
| +Shoebury, South ...   | 4294      | 4734      | 5340      | 7482      | 8835      | 8445      | 7190      | 7400      | 7571      |
| +Southend-on-Sea ...   | 25778     | 20414     | 29070     | 41080     | 62688     | 53672     | 43192     | 44164     | 51818     |
| GRAND TOTALS           | 58871     | 55945     | 72283     | 100221    | 137996    | 127407    | 109596    | 119399    | 142855    |

† Includes only amount in respect of Guardians' Expenses.



## Statement of the Rates in the £ levied in each Parish.

YEAR ENDED 31st MARCH

| PARISHES.          | 1915 | 1916 | 1917 | 1918 | 1919       | 1920 | 1921     | 1922  | 1923  | 1924  | 1925  |
|--------------------|------|------|------|------|------------|------|----------|-------|-------|-------|-------|
| Ashington          | 5/8  | 5/4  | 5/4  | 5/6  | 5/8        | 7/6  | 10/0     | 13/2  | 12/8  | 11/8  | 12/8  |
| Barling            | 6/4  | 6/2  | 6/2  | 6/3  | 6/0        | 8/0  | 11/10    | 14/0  | 13/3  | 12/5  | 14/11 |
| Benfleet, South    | 6/5  | 5/10 | 5/7  | 6/6  | 6/5        | 7/11 | 11/0     | 14/3  | 13/5  | 11/9  | 12/11 |
| Canewdon           | 6/0  | 5/2  | 5/5  | 5/4  | 4/10       | 7/8  | 10/2     | 14/0  | 17/0  | 13/4  | 15/10 |
| Eastwood           | 6/6  | 6/0  | 6/0  | 6/4  | 6/6        | 7/10 | 10/6     | 13/4  | 12/6  | 11/7  | 12/2  |
| Fambridge, South   | 7/6  | 6/8  | 6/4  | 7/0  | 6/0        | 7/10 | 10/4     | 13/0  | 12/8  | 11/0  | 12/4  |
| Foulness           | 3/8  | 3/8  | 3/8  | 3/4  | 3/4        | 4/6  | 7/0      | 8/0   | 7/2   | 6/6   | 6/4   |
| Hadleigh           | 7/0  | 7/3  | 5/10 | 6/10 | 6/7        | 8/5  | 11/5     | 14/3  | 14/6  | 13/0  | 13/4  |
| Havengore          | ...  | ...  | ...  | ...  | Government | ...  | Property | ...   | ...   | ...   | ...   |
| Hawkwell           | 6/0  | 5/6  | 5/10 | 6/0  | 5/8        | 7/8  | 10/4     | 13/8  | 13/0  | 12/0  | 10/8  |
| Hockley            | 7/1  | 5/8  | 6/5  | 7/1  | 6/9        | 8/8  | 11/0     | 13/10 | 13/4  | 12/8  | 13/4  |
| Paglesham          | 5/10 | 5/0  | 4/6  | 5/0  | 4/10       | 7/2  | 10/8     | 14/0  | 13/6  | 11/10 | 12/8  |
| Rawreth            | 6/4  | 5/11 | 5/10 | 5/10 | 5/3        | 7/10 | 13/10    | 17/0  | 16/6  | 16/10 | 19/10 |
| Rayleigh           | 7/10 | 6/9  | 6/4  | 6/10 | 7/0        | 8/3  | 12/6     | 15/3  | 14/1  | 13/3½ | 13/6½ |
| Rochford           | 6/10 | 6/3½ | 7/2  | 9/7  | 9/8        | 11/7 | 15/3     | 16/11 | 15/1  | 14/2  | 15/7  |
| Shoebury, North    | 6/2  | 6/2  | 6/0  | 6/4  | 5/10       | 7/8  | 10/0     | 13/8  | 13/0  | 11/8  | 13/0  |
| Shopland           | 6/0  | 5/2  | 5/4  | 5/10 | 5/8        | 7/6  | 10/4     | 12/2  | 11/6  | 11/8  | 11/8  |
| Stambridge, Great  | 6/5  | 7/0  | 5/6  | 5/10 | 6/6        | 8/0  | 11/8     | 16/0  | 13/10 | 12/0  | 13/6  |
| Stambridge, Little | 6/0  | 5/8  | 5/6  | 6/0  | 6/6        | 7/10 | 10/10    | 13/10 | 12/4  | 11/10 | 12/3  |
| Sutton             | 6/2  | 5/2  | 5/4  | 5/8  | 5/8        | 7/6  | 10/4     | 13/8  | 12/2  | 11/0  | 11/6  |
| Thundersley        | 7/6  | 5/11 | 5/9  | 6/1  | 6/4        | 7/8  | 11/0     | 12/9  | 12/6  | 10/6  | 13/4  |
| Wakering, Great    | 5/4  | 6/9  | 6/2  | 5/10 | 6/5        | 8/3  | 12/0     | 15/4  | 15/1  | 12/10 | 12/9  |
| Wakering, Little   | 6/4  | 6/1  | 6/0  | 6/3  | 6/4        | 7/4  | 10/7     | 13/2  | 12/11 | 12/3  | 11/11 |
| Canvey Island      | 6/2  | 5/4  | 5/2  | 5/10 | 5/10       | 6/10 | 11/0     | 12/3  | 10/3  | 11/2  | 10/4  |
| *Shoebury, South   | 3/9  | 4/4  | 4/0  | 4/0  | 4/4        | 4/8  | 6/2      | 6/10  | 7/2   | 6/0   | 6/0   |
| *Southend-on-Sea   | 3/2  | 3/3  | 3/5  | 3/7  | 3/10       | 4/5  | 6/1      | 6/6   | 6/1   | 5/5   | 5/5   |

\* The amounts shown for these Parishes are for Poor Rates only.

## Statement of Cost of Removal of House Refuse, etc., in various Parishes of Rural District.

YEAR ENDED 31ST MARCH.

| PARISHES           | 1918      | 1919      | 1920      | 1921     | 1922      | 1923      | 1924       | 1925      |
|--------------------|-----------|-----------|-----------|----------|-----------|-----------|------------|-----------|
| Ashington          | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Barling            | 20 0 0    | 22 3 0    | 25 11 9   | 25 0 0   | 30 0 0    | 30 13 0   | 30 16 9    | 45 11 1   |
| Benfleet, South    | 124 17 4  | 153 3 8   | 142 14 1  | 215 4 6  | 254 6 9   | 185 13 10 | 621 17 7½  | 422 13 0  |
| Canewdon           | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Canvey Island      | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Eastwood           | 65 0 10   | 42 4 10   | 59 14 2   | 74 10 0  | 71 9 5    | 52 3 8    | 62 1 0     | 65 6 7    |
| Fambridge, South   | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Foulness           | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Hadleigh           | 187 17 11 | 176 18 10 | 140 18 6  | 264 1 5  | 294 8 11  | 298 17 9  | 391 17 6½  | 437 14 11 |
| Havengore          | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Hawkwell           | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Hockley            | 49 0 0    | 54 3 0    | 70 11 4   | 86 0 0   | 90 0 0    | 90 13 0   | 92 10 9    | 125 11 1  |
| Paglesham          | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Rawreth            | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Rayleigh           | 136 10 0  | 213 18 5  | 176 4 0   | 224 18 9 | 289 12 6  | 239 9 11  | 358 15 5½  | 368 15 2  |
| Rochford           | 202 4 8   | 126 14 9  | 179 2 10  | 223 10 2 | 214 8 5   | 156 10 10 | 186 3 2½   | 195 19 8  |
| Shoebury, North    | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Shopland           | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Stambridge, Great  | 32 10 4   | 21 2 5    | 29 17 0   | 37 5 0   | 35 14 8   | 26 1 10   | 31 0 7     | 32 13 4   |
| Stambridge, Little | 32 10 4   | 21 2 5    | 29 17 0   | 37 5 0   | 35 14 8   | 26 1 10   | 31 0 7     | 32 13 3   |
| Sutton             | .....     | .....     | .....     | .....    | .....     | .....     | .....      | .....     |
| Thundersley        | 12 15 9   | 48 4 3    | 39 2 7    | 58 10 11 | 70 16 4   | 37 11 1   | 30 2 11    | 57 15 9   |
| Wakering, Great    | 140 0 0   | 165 3 0   | 175 11 10 | 275 0 0  | 375 0 0   | 295 13 0  | 315 16 9   | 300 11 2  |
| Wakering, Little   | 25 0 0    | 30 3 0    | 30 11 4   | 30 0 0   | 40 0 0    | 40 13 0   | 40 16 9    | 40 11 2   |
| TOTALS             | 1028 7 2  | 1075 1 7  | 1099 16 5 | 1551 5 9 | 1801 11 8 | 1480 2 9  | 2192 19 11 | 2125 16 2 |



Statement showing number of Dwelling Houses in various Parishes in Rural District.

| PARISHES           | No. of<br>separate<br>dwellings<br>1921 (June)<br>Census | Houses erected since |      |      |      |      | Total<br>Houses | Estimated<br>Population<br>end of 1925. |       |
|--------------------|----------------------------------------------------------|----------------------|------|------|------|------|-----------------|-----------------------------------------|-------|
|                    |                                                          | 1921<br>(Half year)  | 1922 | 1923 | 1924 | 1925 |                 | at per<br>person<br>per house           | Total |
| Ashington ...      | 64                                                       | 4                    | 11   | 14   | 10   | 18   | 121             | 4                                       | 484   |
| Barling ...        | 86                                                       | ...                  | 1    | 3    | 2    | 7    | 99              | 4                                       | 396   |
| Benfleet, South    | 452                                                      | 50                   | 84   | 93   | 71   | 100  | 850             | 5                                       | 4250  |
| Canewdon ...       | 119                                                      | 2                    | 2    | 4    | 1    | 15   | 143             | 5                                       | 715   |
| Eastwood ...       | 341                                                      | 13                   | 13   | 32   | 28   | 58   | 485             | 5                                       | 2425  |
| Fambridge, South   | 55                                                       | 1                    | 1    | ...  | ...  | 2    | 59              | 5                                       | 295   |
| Foulness ...       | 96                                                       | ...                  | ...  | ...  | ...  | ...  | 96              | 5                                       | 480   |
| Hadleigh ...       | 501                                                      | 23                   | 29   | 46   | 53   | 87   | 739             | 4                                       | 2956  |
| Havengore ...      | 2                                                        | ...                  | ...  | ...  | ...  | ...  | 2               | 7                                       | 14    |
| Hawkwell ...       | 167                                                      | 6                    | 6    | 44   | 22   | 40   | 285             | 4                                       | 1140  |
| Hockley ...        | 254                                                      | 19                   | 10   | 27   | 37   | 50   | 397             | 4                                       | 1588  |
| Paglesham ...      | 87                                                       | ...                  | ...  | ...  | ...  | 1    | 88              | 4                                       | 352   |
| Rawreth ...        | 118                                                      | 3                    | 4    | 1    | 2    | 18   | 146             | 5                                       | 730   |
| Rayleigh ...       | 727                                                      | 34                   | 49   | 86   | 62   | 100  | 1058            | 4                                       | 4232  |
| Rochford ...       | 399                                                      | 4                    | 6    | 10   | 12   | 25   | 456             | 5                                       | 2280  |
| Shoebury, North    | 71                                                       | ...                  | 1    | 2    | 3    | ...  | 77              | 5                                       | 385   |
| Shopland ...       | 13                                                       | ...                  | ...  | ...  | ...  | ...  | 13              | 5                                       | 65    |
| Stambridge, Great  | 64                                                       | ...                  | ...  | ...  | ...  | 18   | 82              | 5                                       | 410   |
| Stambridge, Little | 39                                                       | 1                    | ...  | ...  | ...  | 2    | 42              | 5                                       | 210   |
| Sutton ...         | 46                                                       | ...                  | ...  | ...  | ...  | ...  | 46              | 4                                       | 184   |
| Thundersley        | 459                                                      | 33                   | 30   | 80   | 50   | 98   | 750             | 4                                       | 3000  |
| Wakering, Great    | 424                                                      | 4                    | 7    | 7    | 13   | 13   | 468             | 4                                       | 1872  |
| Wakering, Little   | 101                                                      | ...                  | ...  | ...  | 1    | 1    | 103             | 4                                       | 412   |
| TOTALS ...         | 4685                                                     | 197                  | 254  | 449  | 367  | 653  | 6605            |                                         | 28885 |
| Canvey Island      | 379                                                      | 80                   | 77   | 196  | 67   | 172  | 971             | 4                                       | 3880  |
| GRAND TOTALS       | 5064                                                     | 277                  | 331  | 645  | 434  | 825  | 7576            |                                         | 32765 |

| No. | Date | Particulars | Debit | Credit | Balance |
|-----|------|-------------|-------|--------|---------|
| 1   | 1880 | Jan 1       |       |        |         |
| 2   | 1880 | Jan 2       |       |        |         |
| 3   | 1880 | Jan 3       |       |        |         |
| 4   | 1880 | Jan 4       |       |        |         |
| 5   | 1880 | Jan 5       |       |        |         |
| 6   | 1880 | Jan 6       |       |        |         |
| 7   | 1880 | Jan 7       |       |        |         |
| 8   | 1880 | Jan 8       |       |        |         |
| 9   | 1880 | Jan 9       |       |        |         |
| 10  | 1880 | Jan 10      |       |        |         |
| 11  | 1880 | Jan 11      |       |        |         |
| 12  | 1880 | Jan 12      |       |        |         |
| 13  | 1880 | Jan 13      |       |        |         |
| 14  | 1880 | Jan 14      |       |        |         |
| 15  | 1880 | Jan 15      |       |        |         |
| 16  | 1880 | Jan 16      |       |        |         |
| 17  | 1880 | Jan 17      |       |        |         |
| 18  | 1880 | Jan 18      |       |        |         |
| 19  | 1880 | Jan 19      |       |        |         |
| 20  | 1880 | Jan 20      |       |        |         |
| 21  | 1880 | Jan 21      |       |        |         |
| 22  | 1880 | Jan 22      |       |        |         |
| 23  | 1880 | Jan 23      |       |        |         |
| 24  | 1880 | Jan 24      |       |        |         |
| 25  | 1880 | Jan 25      |       |        |         |
| 26  | 1880 | Jan 26      |       |        |         |
| 27  | 1880 | Jan 27      |       |        |         |
| 28  | 1880 | Jan 28      |       |        |         |
| 29  | 1880 | Jan 29      |       |        |         |
| 30  | 1880 | Jan 30      |       |        |         |
| 31  | 1880 | Jan 31      |       |        |         |
| 32  | 1880 | Feb 1       |       |        |         |
| 33  | 1880 | Feb 2       |       |        |         |
| 34  | 1880 | Feb 3       |       |        |         |
| 35  | 1880 | Feb 4       |       |        |         |
| 36  | 1880 | Feb 5       |       |        |         |
| 37  | 1880 | Feb 6       |       |        |         |
| 38  | 1880 | Feb 7       |       |        |         |
| 39  | 1880 | Feb 8       |       |        |         |
| 40  | 1880 | Feb 9       |       |        |         |
| 41  | 1880 | Feb 10      |       |        |         |
| 42  | 1880 | Feb 11      |       |        |         |
| 43  | 1880 | Feb 12      |       |        |         |
| 44  | 1880 | Feb 13      |       |        |         |
| 45  | 1880 | Feb 14      |       |        |         |
| 46  | 1880 | Feb 15      |       |        |         |
| 47  | 1880 | Feb 16      |       |        |         |
| 48  | 1880 | Feb 17      |       |        |         |
| 49  | 1880 | Feb 18      |       |        |         |
| 50  | 1880 | Feb 19      |       |        |         |
| 51  | 1880 | Feb 20      |       |        |         |
| 52  | 1880 | Feb 21      |       |        |         |
| 53  | 1880 | Feb 22      |       |        |         |
| 54  | 1880 | Feb 23      |       |        |         |
| 55  | 1880 | Feb 24      |       |        |         |
| 56  | 1880 | Feb 25      |       |        |         |
| 57  | 1880 | Feb 26      |       |        |         |
| 58  | 1880 | Feb 27      |       |        |         |
| 59  | 1880 | Feb 28      |       |        |         |
| 60  | 1880 | Feb 29      |       |        |         |
| 61  | 1880 | Mar 1       |       |        |         |
| 62  | 1880 | Mar 2       |       |        |         |
| 63  | 1880 | Mar 3       |       |        |         |
| 64  | 1880 | Mar 4       |       |        |         |
| 65  | 1880 | Mar 5       |       |        |         |
| 66  | 1880 | Mar 6       |       |        |         |
| 67  | 1880 | Mar 7       |       |        |         |
| 68  | 1880 | Mar 8       |       |        |         |
| 69  | 1880 | Mar 9       |       |        |         |
| 70  | 1880 | Mar 10      |       |        |         |
| 71  | 1880 | Mar 11      |       |        |         |
| 72  | 1880 | Mar 12      |       |        |         |
| 73  | 1880 | Mar 13      |       |        |         |
| 74  | 1880 | Mar 14      |       |        |         |
| 75  | 1880 | Mar 15      |       |        |         |
| 76  | 1880 | Mar 16      |       |        |         |
| 77  | 1880 | Mar 17      |       |        |         |
| 78  | 1880 | Mar 18      |       |        |         |
| 79  | 1880 | Mar 19      |       |        |         |
| 80  | 1880 | Mar 20      |       |        |         |
| 81  | 1880 | Mar 21      |       |        |         |
| 82  | 1880 | Mar 22      |       |        |         |
| 83  | 1880 | Mar 23      |       |        |         |
| 84  | 1880 | Mar 24      |       |        |         |
| 85  | 1880 | Mar 25      |       |        |         |
| 86  | 1880 | Mar 26      |       |        |         |
| 87  | 1880 | Mar 27      |       |        |         |
| 88  | 1880 | Mar 28      |       |        |         |
| 89  | 1880 | Mar 29      |       |        |         |
| 90  | 1880 | Mar 30      |       |        |         |
| 91  | 1880 | Mar 31      |       |        |         |
| 92  | 1880 | Apr 1       |       |        |         |
| 93  | 1880 | Apr 2       |       |        |         |
| 94  | 1880 | Apr 3       |       |        |         |
| 95  | 1880 | Apr 4       |       |        |         |
| 96  | 1880 | Apr 5       |       |        |         |
| 97  | 1880 | Apr 6       |       |        |         |
| 98  | 1880 | Apr 7       |       |        |         |
| 99  | 1880 | Apr 8       |       |        |         |
| 100 | 1880 | Apr 9       |       |        |         |



