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Contributors

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Copy of Report for 1893

The Chairman and Members of the Local Board of the District
of Turton.

Gentlemen,

I have the honour of submitting to your Board my
Annual Report upon the health of your district, together with
a summary of the Sanitary work accomplished during the year
1893.

The total number of births was 170, an increase of 4
upon that of the previous year. The birth rate was 23.9 per
thousand of population. The total number of deaths at all
ages and from all causes was 132, equal to a rate of 18.5
per thousand of population, as against 13.6 during the year
1892 and 17.7 the average of the past five years. The
number of deaths of children under 5 years in age was 61, and
of infants under 1 year in age was 36, the numbers for 1892
being 32 and 16 respectively. The mortality rate of infants
under 1 year in age to 1,000 births was 211.7. The number
of deaths from Zymotic diseases was 20, as against 4 in the
previous year, the Zymotic rate being 2.8 per thousand.
The Phthisis mortality rate was .98 and the Bronchitis mortal-
ity rate was 5.07 per thousand of population.

During the year your district was visited by three
severe epidemics of Influenza, Measles and Scarlatina. The
combined effects of these visitations being the unduly higher
mortality rates above recorded, the general rate, the infantile
rate, the Zymotic rate and the Bronchitis rate all being
appreciably affected by the resultant effects of the three

diseases mentioned.

Epidemics of Influenza occurred both at the beginning and end of the year. The disease was general and wide-spread, affecting both young and old, and one death is recorded as directly due to it, but the increased number of deaths from Bronchitis, Pneumonia and Pleurisy may be, I think, correctly ascribed to be due to this disease, as these affections are a common complication of Influenza.

Scarlatina was epidemic in varying degree from February to August, 48 cases were notified but only one death was registered.

Measles prevailed extensively during the first quarter of the year. There is no notification of this disease, but from investigation I put down the number 250 as being an approximately correct estimate of the persons attacked. Eight deaths were registered as being directly due to the disease, but some of the deaths from Bronchitis may be legitimately ascribed as indirectly resulting, as a large proportion of the deaths from Bronchitis occurred in the same months as the epidemic prevailed and were principally amongst children under five years in age.

Diarrhoea caused 4 deaths of children under 5-years in age these being the only deaths registered.

In all these cases the effect of improper feeding upon the digestive organs could be traced.

Six cases of Erysipelas were notified, but no deaths resulted.

Nine cases of Enteric Fever were notified, but no deaths

were registered. Seven of these cases occurred in Hough Lane and immediate neighbourhood, and the cause was ascribed to leaky cesspools. One of the cases occurred in Egerton, the other in Chapelton, but no cause could be discovered.

Two cases of Diphtheria in one house situated in Turton Road were notified. The cause of the first case could not be discovered, whilst the second was caused by direct infection from the first. One of the cases was fatal.

One case of modified Small-pox occurred at the Old Globe Cottage, Old Road. Fortunately the house is at a considerable distance from others, and I was also able to obtain fair isolation for the patient, so the disease did not spread.

In all cases of infectious disease the means adopted with a view to limiting their extension were home isolation, which in many cases can only be imperfectly carried out; the free use of disinfectants; fumigation of the apartments or house occupied by the persons affected, with disinfection of clothing and other materials deemed to be infected.

During the month of March I made an inspection of the Water supply of the houses situate in Wellington Road, Turton, and discovered certain insanitary conditions which were reported at the time, and which have since been rectified.

The Water supply of the district generally has been of fairly good quality. I would suggest that the Bolton Corporation Waterworks be requested to construct an additional filter for the Entwistle water, so as to obviate the necessity of the delivery of unfiltered water whilst the only one existing at present is in process of being cleaned, an operation

were registered. Seven of these cases occurred in 1912 and
and immediate neighborhood, and the cases were scattered in
early cases. One of the cases occurred in 1912, the
other in 1913, but no cases could be discovered.
The cases of typhoid in one house situated in 1912 were
was notified. The cause of the first case could not be dis-
covered, while the second was caused by direct infection from
the first. One of the cases was fatal.
One case of notified diphtheria occurred at the Old Globe
Cottage, Old Road. Fortunately the house is at a
considerable distance from others, and I was able to effect
fair isolation for the patient, so the disease did not spread.
In all cases of infectious disease the same should be
a view to isolation. Such isolation was most complete, which
in any case can only be imperfectly carried out. The use
use of disinfectants; treatment of the specimens or house
occupied by the patient affected, with disinfection of clothing
and other materials deemed to be infected.
During the month of March I made an inspection of the
water supply of the houses situated in Wellington Road, London,
and discovered certain insanitary conditions which were
reported at the time, and which have since been notified.
The water supply of the district generally has been of
fairly good quality. I would suggest that the notice
Department should be requested to construct an additional
lines for the district, so as to ensure the quantity
of the delivery of well-filtered water which the city can utilize
ing as present in the process of being cleaned, an operation

which usually occupies about a week's time. I have made regular and systematic inspections of the whole district on four occasions during the year, and have directed the attention of your Inspector of Nuisances to insanitary conditions then discovered which have been in all cases promptly and properly attended to.

With respect to the condition of the Dairies and Cowsheds, your Inspector reports:- "I find the Dairies and Cowsheds in the district in a fair sanitary condition; in the majority of cases the bye-laws as to whitewashing &c. being willingly carried out. The water supply generally is good. The two farms, Howarth's and Moss Side, mentioned in last year's report as having an inadequate supply of water, have, as regards the first mentioned, been properly supplied, whilst the latter is not tenanted, and so nothing has been done. In a few of the Cowsheds the air-space is deficient by reason of low ceilings, but representations have been made upon this point to the owners, and promises of amendment have been received. One farm is in particular, Horridge's, has a Cowshed exceedingly low overhead, 5 ft. 9 in. in height, is badly lighted, and the floors are in a bad condition. Notice of this has been given to the agent of the owner, who replied that he would do nothing until the expiration of the tenancy of the present occupier in March next."

I enclose two tables, A and B, relating to the sickness

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and mortality of the district, together with the Inspector's report of the Sanitary work completed during the year.

I am, Gentlemen,

Yours obediently,

J. Robinson, M.D., L.S.Sc. Univ. Durham.

Medical Officer of Health.

January 23rd, 1894.

and material of the district, together with the Inspector's
report of the sanitary work completed during the year.

I am, Sir,
Yours faithfully,

J. H. [Name], District Sanitary Inspector

J. H. [Name], District Sanitary Inspector

Medical Officer of Health

[Faint text]