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COUNTY BOROUGH OF OLDHAM.

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# REPORT

ON THE

# HEALTH OF OLDHAM

FOR THE YEAR 1917,

BY

JAMES B. WILKINSON,


M.D., C.M., D.P.H., F.C.S.

AL OFFICER OF HEALTH ;  
AL OFFICER TO THE EDUCATION COMMITTEE ;  
AL SUPERINTENDENT OF WESTHULME AND STRINESDALE HOSPITALS ;  
SIDENT AND EXAMINER TO THE INSTITUTE OF SANITARY ENGINEERS ;  
Y ROYAL INSTITUTE OF PUBLIC HEALTH ;  
R ROYAL SANITARY INSTITUTE ;  
Y INCORPORATED SOCIETY OF MEDICAL OFFICERS OF HEALTH.

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## MEMBERS of the HEALTH COMMITTEE, 1917.

Mr. Councillor Simister, J.P., Chairman.

„ „ Dunkerley, J.P., Vice-Chairman.

The Mayor, Mr. Alderman Middleton, J.P.

Mr. Councillor Ashton.

„ „ Grime, J.P.

„ „ Stanbury

„ „ Makin.

„ „ W. C. Brierley

„ „ Jackson.

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## HOSPITALS SUB-COMMITTEE AND INSANITARY DWELLINGS SUB-COMMITTEE.

All the Members of the Committee.



*To the Mayor, Aldermen, and Councillors  
of the Oldham Borough Council.*

DAME LEES AND GENTLEMEN,

I beg to submit my Annual Report on the work of the various Departments under the direction of the Health Committee for the year 1917.

In accordance with the suggestions of the Local Government Board, the Report this year is limited almost to such statistics as are necessary to maintain continuity with those of previous years. As there is no means of ascertaining the correct populations of the various Wards in the Borough, the few Ward statistics relating to Birth and Death rates have been calculated on pre-war figures, and thus their value is only relative.

A scheme has been adopted for affording facilities for the treatment of Venereal Disease; and a distinct advance has been made this year in dealing with Infant and Maternity welfare.

I desire to take this opportunity of tendering my thanks to the Members of the Health Committee for their support and confidence, and to the Staff for their willing co-operation and assistance.

I have the honour to remain,

Your obedient Servant,

JAMES B. WILKINSON,

MEDICAL OFFICER OF HEALTH

Health Office,

Town Hall,

October 28th, 1918.



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## *The Sanitary Circumstances the District.*

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### WATER SUPPLY.

An ample supply of Water has been available throughout the year, and no complaints have been received respecting its purity.

At the close of the year the reservoirs contained 1,944,230,000 gallons, or  $27\frac{1}{4}$  weeks' supply, compared with 1,910,550,000 gallons, and  $28\frac{1}{2}$  weeks' supply at the close of the year 1916.

### SEWERAGE.

As regards the Sewage Works, their condition has been generally satisfactory during the year, the effluents have maintained the improvement recorded in the previous year. Several of the filter beds are in need of reconstruction and renewal, which are awaiting the close of hostilities.

### CLOSET ACCOMMODATION.

The work of converting the Pan Closets to Water Closets has been almost entirely suspended during the year, owing to the cost of material and the difficulty of obtaining labour, and also the issue of notices for the provision of additional closet accommodation, but the inspection, cleansing and removal of blockages has been carefully attended to.

The Offal from Butchers, Fishmongers, &c., has been regularly collected.

## SCAVENGING.

The Local Authority, by their own staff, have generally maintained the efficient collection of ashes and house refuse.

It has been also necessary to temporarily suspend the substitution of ashcans for the insanitary and disease producing ashpit.

I would suggest that this work be one of the first measures to be undertaken when the necessary labour and appliances once again become available.



## *Premises and Occupations which can be controlled by Bye-Laws and Regulations.*

### COMMON LODGING HOUSES.

Bye-Laws for the control and regulation of these premises are in force, and the houses are supervised by a Special Officer of the Police Force, and are under the control of the Watch Committee.

### HOUSES LET IN LODGINGS.

These premises are kept under constant supervision by the Staff of the Health Department, and they are all visited at least once a month. I would again draw attention to the necessity, if proper control is to be maintained over these premises, of legal powers, to require registration before use, and of refusal to register if unsatisfactory or improperly used. There was a decrease of nine of these houses during the year and a decrease of 18 furnished rooms.

### OFFENSIVE TRADES.

These premises are constantly visited. There is a decrease of one among the Tripe boilers, and an increase of ~~three~~ Marine Store Dealers during the year.

The following is a list of these trades :—

#### OFFENSIVE TRADES, 1917.

Tripe Boilers	...	...	...	..	...	12
Marine Stores	...	...	...	...	...	12
Grease Works	...	...	...	...	...	5
Gut Scrapers	...	...	...	...	...	3
Hide and Skin Depôts	...	...	...	...	...	2
Soap Boiler ...	...	...	...	...	...	1
Total						35

## SCHOOLS.

The Medical Officer of Health is also Superintendent Schools Medical Officer, and a separate report on the work during the year in connection with the Schools has been issued.

## FOOD SUPPLIES.

## (a) MILK.

There were 104 Cowsheds and 46 Farm Dairies in the Borough at the close of the year. The number of Dairies is one less than in the previous year, and there are three fewer Cowsheds.

These premises are under the supervision of the Food Inspector, and 194 visits have been paid to them; two notices have been served for defects, and both of these had been complied with at the close of the year.

During the year five new retail Milkshops have been registered and 16 discontinued, making a decrease of eleven. 729 visits of inspection have been paid to them. Only two notices were required and both were complied with.

## (b) BAKEHOUSES.

The number 388 remains the same as in the previous year. Statistical details will be found in Table 26.

## SLAUGHTER HOUSES.

These are regularly inspected by the Chief Inspector and the Assistant Meat Inspector, and also by the Medical Officer of Health before the Annual License is granted. All are annually licensed.



In addition to the visits to the Slaughter-houses, Bake-houses, and Dairies, visits have been made to the following food shops in the town:—

Visits to Meat Shops	...	...	...	...	8,492
„ Fish Shops	...	...	...	...	2,621
„ Fruit and Vegetable Shops	...	...	...	...	5,603
„ Ice Cream Vendors	...	...	...	...	263
„ Markets and Cattle Wharves	...	...	...	...	1,308

### SALE OF FOOD AND DRUGS ACT.

During the year, 139 samples of Food have been formally purchased for analysis, and 124 were found to be genuine. There were also 10 informal samples purchased.

Fourteen samples of Milk and one sample of Butter were certified as not up to the proper standard. The results of some of the legal proceedings give no assistance to the Health Authority in dealing with adulterated samples.

The following are the particulars, &c., of these samples :

No. 8—Irish Butter, contained 23 per cent. of water. The vendor was cautioned by the Health Committee.

No. 37—Milk, contained 3·5 per cent. of added water.

No. 38—Milk, contained 5·9 per cent. of added water.

No. 42—Milk, contained 5·9 per cent. of added water.

Legal proceedings were taken against all three vendors, and each was fined £1.

No. 43—Milk, contained 2·94 per cent. of added water.

No. 48—Milk, contained 8·24 per cent. of added water.

Legal proceedings were ordered against the vendors of both these samples, but by an oversight the time was allowed to lapse, and they subsequently received a caution from the Health Committee.

No. 65—Milk, contained 31.12 per cent. of added water.

Legal proceedings were taken, and this vendor was fined £1 10s. 0d.

The sale of such milk for a very few days would recoup the vendor and allow him to make a profit.

No. 70—Milk, containing 6.47 per cent. of added water.

No. 73—Milk, containing 4.94 per cent. of added water.

Legal proceedings were taken in both these cases, but the summonses were dismissed by the Magistrates.

No. 74—Milk, containing 8.47 per cent. of added water.

Vendor fined £1 10s. 6d.

No. 82—Milk, deficiency of fat compared with the standard of the B.O A., 14 per cent. Legal proceedings were taken, but the case was dismissed.

No. 105—Milk, 20 per cent. deficiency in fat compared with the standard, and 36.8 per cent. deficiency when compared with a sample taken at the farm. Legal proceedings taken and case dismissed.

No. 110—Milk, deficiency in fat of 10 per cent. when compared with the standard, and 29.5 per cent. deficiency when compared with a sample taken direct from the cows. Legal proceedings taken and the case dismissed.

No. 111—Milk, contained 16.59 per cent. of added water compared with the standard, and 22 per cent. deficiency when compared with a sample taken at the farm. Case taken before the Magistrates and dismissed.

In this and the previous sample it was suggested that the railway officials during transit helped themselves and caused the deficiency.



No. 113—Milk, 8.82 per cent. added water. Case referred to the Magistrates and dismissed.

The following is a summary of the various samples purchased :—

#### SUMMARY OF SAMPLES OF FOOD ANALYSED DURING 1917.

No. of Samples.	Description of Samples.	Genuine.	Not Genuine.	Summoned before Magistrates.	Com. and Cautioned.
8.	Cream.....	8	—	—	—
11.	Sugar .....	11	—	—	—
62.	Milk... ..	48	14	11	3
23.	Butter .....	22	1	—	1
4.	Margarine ... ..	4	—	—	—
7.	Cheese .....	7	—	—	—
12.	Lard .....	12	—	—	—
12.	Preserves... ..	12	—	—	—
139		124	15	11	4

#### INFORMAL SAMPLES.

1.	Bread ... ..	—	—	—	—
1.	Pepper.....	—	—	—	—
8.	Milk... ..	—	—	—	—
149		124	15	11	4

#### HOUSING.

Owing to the building restrictions and the difficulty of obtaining both materials and labour, building operations have been at a standstill, and, except for cleaning, only notices for such repairs as were absolutely necessary have been issued.

No houses have been compulsorily closed, and only two (for an extension to a waste warehouse) have been voluntarily closed.

## HOUSES VOLUNTARILY CLOSED.

Total Number Closed.	NATURE OF HOUSE.			REASON FOR CLOSING.
	Through	Single.	Back to Back	
2	2	—	—	Extension of Waste Warehouse

## FACTORIES AND WORKSHOPS ACTS.

The usual inspections have been continued as regards these premises.

There is a decrease of four Workshops on the Register.

1,071 visits have been paid, and 153 notices for defects have been served. Details will be found in Table 25.

The following is a list of the Workshops registered in the Borough:—

Bakers .. .. .	7	Machine Brokers .. .. .	4
Blacksmiths .. .. .	5	Mackintosh Manufacturers ..	1
Blind Manufacturers... .. .	2	Mantle Makers .. .. .	7
Blind Women's Industry ...	1	Marine Stores .. .. .	3
Bookbinders .. .. .	2	Milliners .. .. .	74
Bottlers (Beer) .. .. .	2	Opticians .. .. .	1
Brush Makers .. .. .	2	Paper Bag Makers .. .. .	1
Cabinet Makers .. .. .	6	Pattern Makers... .. .	1
Carriage Builders ... .. .	1	Picture Framers .. .. .	3
Cartsheet Manufacturers ...	1	Plumbers .. .. .	6
Cloggers .. .. .	54	Photographers .. .. .	1
Coffin Makers .. .. .	2	Roller Coverers .. .. .	1
Confectioners .. .. .	49	Saddlers .. .. .	2
Coopers .. .. .	2	Scale Makers..... .. .	2
Cotton Waste Dealers .. .. .	17	Shirt Makers .. .. .	4
Curriers .. .. .	3	Shoe Makers .. .. .	53
Cycle Makers .. .. .	3	Skip Makers .. .. .	6
Drapers (Underwear and Skirts) .. .. .	5	Straw Workers .. .. .	1
Dress Makers .. .. .	89	Sundry Trades .. .. .	7
Dyers .. .. .	1	Tailors..... .. .	40
Drysalts (Chemists) ... .. .	5	Tinsmiths ... .. .	9
Electro-Platers .. .. .	2	Umbrella Manufacturers .....	2
French Polishers .. .. .	1	Upholsterers .. .. .	2
Heating Apparatus Manufac- turers .. .. .	1	Watch Makers .. .. .	3
Hosiery & Stocking Knitters	11	Wire Workers .. .. .	1
Ice Cream Manufacturers ...	1	Wheelwrights... .. .	5
Joiners .. .. .	8	Wood Carvers .. .. .	1
Laundries .. .. .	9	Wringing Machine Manufac- turers .. .. .	1

### SHOP HOURS ACT.

Twelve visits have been made by the Inspector under the provisions of this Act, and two notices served and complied with.



— C. —

## *Sanitary Administration of the District.*

---

### STAFF.

The Medical Officer of Health is also Superintendent School Medical Officer, and Chief Tuberculosis Officer

The Permanent Staff of the Health Department remains the same with the following exceptions :—The Assistant Tuberculosis Officer (Dr. Cecil Berry), who had been on Military Service for two years, was released temporarily for a period of three months in December, 1917, but owing to the greatly increased work in connection with the Treatment of Venereal Disease, Infant and Maternity Welfare, etc., etc., an appeal to the Board resulted in his liberation being still further extended in the present year. A local Practitioner, assisted by three of his colleagues on the staff of the Oldham Royal Infirmary, has been appointed Venereal Diseases Officer.

The other Assistant Medical Officer, all the Clerks, except the Chief Clerk, and two of the Inspectors, and one School Nurse are still absent on Military Service.

Inspector Brierley, who had completed 43 years' faithful service in the Department, died at the age of 75, in November. It was decided, owing to members of the staff being absent, not to fill up the appointment until after the war.

Four additional Health Visitors, making six in all, have been appointed in accordance with the scheme adopted by the Council.

Nurse Billington, Senior School Nurse, left to be married, and Nurse Blake was appointed in her place. There is also one Nurse who is entirely engaged in Tuberculosis work.

## REPORT OF THE CHIEF INSPECTOR FOR THE YEAR 1917.

---

TO THE MEDICAL OFFICER OF HEALTH.

SIR,—I have pleasure in presenting to you my Report of the work done by your Staff of Inspectors during the year.

During the year we had only two cases of Contagious Diseases, viz.:—

- (a) One Horse affected with Mange.
- (b) One Bull affected with Anthrax.

The visits to premises where food is prepared, or deposited for sale, numbered 22,620.

During the year over 20 tons of diseased or unsound food was destroyed. Of this amount over 13 tons were surrendered by butchers. In no case was it necessary to take legal proceedings against the vendor.

During the year 34 cases of Tuberculosis in animals were reported, in addition 83 cases were found by the Inspector, making a total of 117 cases. Of these 117 cases 99 occurred in cattle and 18 in swine.



We began the year with 43 Slaughter-houses on the Register, four were lapsed during the year. One new license was granted for the Slaughter of Horses, Asses or Mules. It has only been found necessary to serve five Notices for the abatement of Nuisances in connection with these premises, all of which have been complied with.

The Table relating to Cowsheds shows that all these places are in accordance with the requirements of this department so far as air space is concerned. It has only been necessary to serve two Notices for the abatement of nuisances, both of which have been complied with.

During the year 139 samples of Food were purchased under Foods and Drugs Acts, in addition 10 samples were purchased informally, a total of 149 samples, which were submitted to the Borough Analyst.

The number of smoke observations taken during the year amounted to 1,763, as compared with 1,691 taken during the previous year. The limit allowed was exceeded in nine cases, and these were dealt with as follows, viz.:—

- (A) One case was dealt with by the Magistrates.
- (B) In three cases the Health Committee cautioned the offenders.
- (C) In one case it was the first offence, and an order was made by the Committee to abate the nuisance.
- (D) In three cases the proceedings were adjourned for three months, and in one case for one month, with the understanding that nothing further would be heard of the charge if they did not again exceed the limit during the adjournment.

The Inspector of the Borough, for the purpose of ascertaining if any nuisance existed, resulted in 3,197 Notices being served; in addition to these, 38 Notices were served upon owners of property to substitute Dustbins in lieu of Ashpits.

In connection with the above Nuisances 11,604 re-visits were paid.

The substitution of Dustbins in lieu of Ashpits has again only been dealt with in cases where Ashpits were in a dilapidated condition, or in cases where the owner desired to make the necessary alterations. During the year 29 Ashpits have been demolished and 67 Dustbins substituted. From the 18th of November, 1909, the date we began this work; 6,614 Ashpits have been demolished, and 16,830 Dustbins substituted, at a cost to the Corporation of £6,291 7s. 6d.

The provision of additional closets to houses with insufficient accommodation has only been dealt with where the owner desired, owing to the increased cost and scarcity of labour and materials. Only two additional closets have been provided during the year, making a total of 1,726 additional closets provided for 4,287 houses which previously had 1,617 closets. In addition one closet has been provided for a workshop.

During the year 1,653 houses have been inspected under the Town Planning Act, as compared with 1,551 during the previous year. A notice to cleanse all or part of the house was served upon 194 householders, of these 155 complied with the notice during the year. The number of houses found structurally defective amounted to 327, of these 211 were repaired during the year.



During the year 8,367 visits were paid to furnished rooms. As a result of these inspections 96 Notices were served to cleanse. Six Notices were also served for overcrowding, and 98 Notices were served to repair defects, making a total of 200 Notices served to abate nuisances in connection with these rooms. Of these 177 Notices were complied with during the year.

The number of visits to Infectious Diseases amounted to 424, a decrease of 299 when compared with the previous year. The visits to cases of Phthisis numbered 132, a decrease of 26 visits when compared with the previous year. The Phthisis visits are paid in order to arrange for disinfection.

In conclusion, I desire to express my thanks for the great assistance I have received from all members of your staff, and also to yourself for your confidence and support.

I beg to remain,

Yours faithfully,

GEORGE WINTERBOTTOM,

CHIEF SANITARY INSPECTOR.

### SMOKE NUISANCES.

Observations of the factory chimneys in respect to the amount of black smoke issued have been continued, and nine firms were reported to the Health Committee for exceeding the limit. One of these cases was referred to the Magistrates who inflicted a fine of 10s.

### MEAT AND FOOD INSPECTION.

A summary of the work under this head will be found in the Tables at the end of this Report, and further details in the paragraphs relating to the various food supplies.



## WOMEN INSPECTORS.

In Table 24 will be found a summary of the work carried out during the past year by the three Women Inspectors. From this Table it will be seen that houses have been visited where 2,273 births have occurred, and 5,875 subsequent visits have been paid to these houses.

Additional visits, amounting to 3,762, have been paid to cases of minor infectious disease, 220 in connection with infantile deaths, and 1,836 to various other defects in children.

Further particulars of Infant Welfare Work will be found under the Special Report.

— D. —

## *Prevalence and Control over Acute Infectious Diseases.*

The following Table gives the number of cases of Infectious Disease notified and the deaths from these diseases :—

DISEASE.	NOTIFICATIONS.	DEATHS.
Smallpox ... ..	0 .....	0
Scarlet Fever ... ..	129 .....	3
Erysipelas ... ..	74 ... ..	1
Diphtheria ... ..	51 ... ..	6
Enteric Fever ... ..	5 .....	4
Puerperal Fever .. ...	11 .....	5
Tuberculosis... ..	340 .....	230
Measles and German Measles ... ..	3740 ... ..	73
Cerebro Spinal Meningitis... ..	2 .....	0
Infantile Paralysis ... ..	0 .....	0
Ophthalmia Neonatorum ... ..	31 .....	0

The ~~total~~ number of Deaths from the seven principal Zymotic Diseases—viz., Smallpox, Scarlet Fever, Enteric Fever, Diphtheria, Measles, Whooping Cough, and Diarrhœa during the year was 115, equal to a death rate on the estimated population of 0·9 per 1,000 of the population. The above number is 29 less than in the previous year.

### SMALLPOX.

No cases were notified during the year.

### SCARLET FEVER.

One hundred and twenty-nine cases were notified, twenty fewer than in the previous year, and there were three deaths, one of a child under 5 years of age and the other two of children between the age of 5 and 10 years.



## DIPHTHERIA.

Fifty-one cases were notified, compared with 142 cases in 1916 and 86 cases in 1915. Out of these cases six died, giving a death rate of 11·8 per cent.

Two of these deaths were of children under the age of one year; three others under the age of five years, and one over this age.

This is the lowest number of deaths which have been caused by this disease in any one year during the past 40 years, with the single exception of the year 1890, when there were also 6 deaths.

## ENTERIC FEVER.

Only five cases were reported during the year of Typhoid Fever, the same number as in the year 1916, which was the lowest on record.

Four of these cases terminated fatally. The following are brief records of the cases:—

1.—Woman aged 61 years. Fatal case. The woman had been ill two months before notification, and had symptoms of Cerebral Degeneration. An exceedingly doubtful case of Typhoid.

2.—Lived in Manchester and contracted the disease from her husband, and when he was removed to Monsall Hospital, she came home to stay with her mother in Oldham. Fatal.

3.—Had been living in Sheffield, and came home ill a few days before the case was notified. Fatal.

4.—Woman aged 32. The Doctor had only been attending one day when she died, and the case was notified.



5. Child aged 6 years. She had been for three weeks at Towyn, and returned home about a week before she was taken ill.

### PUERPERAL FEVER.

Eleven cases were notified, and there were five deaths. Careful enquiries are made in connection with these cases, and when Midwives or Nurses have been in attendance thorough disinfection is secured before they are allowed to attend other cases.

### CHICKEN POX.

Two hundred and ninety-seven cases were notified from the schools and visited. The disease was most prevalent towards the close of the year.

### MEASLES.

This disease was exceedingly prevalent in March, April, May and June. There were 73 deaths. Of these deaths 13 were under the age of one year; thirty-one between the age of 1 and 2 years, and a total of 67 under the age of five years. Arrangements are now made for a Nurse from the Infectious Diseases Hospital to visit daily or oftener the more serious cases where necessary and assist in nursing the child.

The following figures indicate the number notified :—

	Measles.		German Measles.		Total.
Notified by Doctor .....	2439	.....	96	.....	2535
Notified by Parents .....	1081	.....	1	.....	1082
Not Notified .....	120	.....	3	.....	123
	—		—	.....	—
	3640		100		3740

## WHOOPIING COUGH.

This disease has not been very prevalent, only 89 cases coming to the knowledge of the Department. The deaths numbered 4, all under 5 years of age.

## CEREBRO SPINAL MENINGITIS

Two cases were notified in April, both children in the same house. A Bacteriological Examination of the Cerebro Spinal Fluid in one of the cases was positive.

The cases were removed to Hospital, and both made good recoveries.

## OPHTHALMIA NEONATORUM.

Thirty-one cases were notified during the year; thirteen by Midwives and eighteen from other sources. All were visited, and measures to secure proper treatment were taken.

## INFANTILE PARALYSIS (POLIOMYELITIS).

No cases were reported during the year.

## · VENEREAL DISEASE.

During the year a Scheme was prepared and approved by the Local Government Board for the treatment of Venereal Disease.

The Clinic has been established, with 3 beds available, at the Oldham Royal Infirmary, and one of the Staff acts as V. D. Officer.

Nominally the Scheme dates from July 1st, but alterations were required at the Infirmary, and these and other delays resulted in few cases being treated before the end of the year. The following are the returns :—



## Number of persons dealt with in 1917—

	Males.	Females.
Suffering from Syphilis .....	21	32
Soft Chancre .....	0	0
Gonorrhœa.....	3	0
	—	—
Total.....	24	32

## Number of persons discharged after treatment—

Syphilis .....	10	22
Number who ceased to attend without completing treatment—		

Syphilis .....	2	3
Total attendances of all patients—		
Syphilis .....	42	64
Gonorrhœa.....	7	0
	—	—
Total.....	49	64

## Aggregate number of Inpatient Days—

Syphilis .....	60	100
----------------	----	-----

The Bacteriological Tests, &c., are carried out at the Public Health Laboratory, Manchester, under the charge of Professor Dalipine, and the following were the tests carried out :—

Wassermann Blood Test..... Total, 9 ; Positive, 7  
Examination for Treponema ...Total, 1 ; Positive, 0

## HOSPITAL ACCOMMODATION.

WESTHULME.—98 beds for infectious cases and 30 beds for Tuberculosis (observation and advanced cases).

STRINSDALE.—Twenty-three beds for early cases of Tuberculosis of the Lung.



RACEFIELD HOSPITAL (Chadderton, Crompton, and Royton Joint Hospital Board).—Arrangements have been entered into for the admission of cases of Smallpox to this Hospital. The Hospital is now completed, and replaces the old Cinder Hill Hospital.

Antitoxin and Antitetanic Serum are stocked for all urgent cases, and facilities are available to all Medical Practitioners for the Bacteriological Examination of Sputum, Diphtheria Swabs, blood for Typhoid tests, Cerebro Spinal Fluid, and also the Wassermann test for Syphilis, and microscopical examination for this disease and Gonorrhœa.

The following specimens were examined :—

	Total.	Positive.
Diphtheria Swabs.....	32	1
Typhoid Tests .....	23	6
Sputum .....	283	51
Cerebro Spinal Fluid ...	1	1
Other Specimens .....	15	7
<hr/>		
Total .....	354	66

— E. —

## *Prevalence of and Control over Tuberculosis.*

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During the year, until December, when the Assistant Tuberculosis Officer returned to duty, it was not possible to take any active measures in connection with this disease. Urgent cases and insured persons were visited or examined at the Dispensary by myself, but general home visitations and the following up of contacts had to be carried out almost entirely by the Tuberculosis Nurse, and as the filling up of the History and Progress Records also depended upon her, not much time was available for this work. The return of soldiers, discharged as tubercular, also added to the necessary duties to be undertaken. The Dispensary was open for the examination of patients on two days during each week.

The total number of primary notifications during the year was 340, compared with 553 and 506 in the previous two years. It is probable that some of these reductions was due to the fact that almost anyone able to go to work was able to find a situation, also to the inability to follow up and examine contacts of cases notified in their various homes. Thus cases owing to lack of medical assistance were not found in the earliest stages.

The number of cases seen and examined at the Dispensary during the last two years were as follows :—



	1916.	1917.
Insured Persons .....	463	474
Non-Insured Adults .....	110	136
Children .....	527	848
Total.....	1100	1458

The number of visits paid to the patients' homes by the Nurse and the Medical Officer was 867.

The number of deaths from Tubercular Diseases during the last two years was as follows :—

	1916.	1917.
Abdominal Tuberculosis...	0	16
Tubercular Meningitis ...	23	13
Pulmonary Tuberculosis...	203	167
Other Forms .....	30	21
Total .....	256	217

Sixty-five early cases were admitted to Strinesdale during the year, and with 6 who were inmates at the commencement of the year, makes a total of 71 patients who had been treated in that Institution. About 162 more advanced or observation cases were also admitted to Westhulme, including several soldiers discharged from the army on account of Tubercular Disease. With 21 in the Institution at the commencement of the year this makes a total of 183 who received treatment there.

The beds available at Westhulme have been increased from 30 to 40, and owing to a Ward at Strinesdale ceasing to be weatherproof, the beds there have had to be reduced to 23.



The following tables give a summary of the cases notified and their occupation : —

		Number Notified
Cotton Operatives.	Cardroom hands ... ..	25
	Piecers ... ..	26
	Reelers ... ..	4
	Spinners ... ..	8
	Weavers ... ..	3
	Winders ... ..	8
	Other Cotton Operatives ... ..	6
Iron Workers.	Iron Grinders ... ..	3
	Fitters ... ..	4
	Moulders ... ..	1
	Other Ironworkers ... ..	13
General Trades.	Bricksetters ... ..	1
	Carters ... ..	6
	Housework ... ..	29
	Shop Assistants, &c. ... ..	7
	General Labourers ... ..	20
	Other General Trades... ..	46
	No Occupation, School, &c. ... ..	108
	Soldiers and Sailors ... ..	13
	Clerks, &c. ... ..	5
	Munition Workers ... ..	12

The number of specimens of Sputa examined during the year was

Negative, 232 ; Positive, 51 ; Total, 283.

Summary of Notifications during the period from the 31st December, 1916, to the 29th December, 1917, in the County Borough of Oldham :—

NOTIFICATIONS ON FORM A.													
Age periods	Number of Primary Notifications.												Total Notifications on Form A
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up wd's	Total Primary Notifications	
Pulmonary Males	...	1	4	7	10	2	29	21	29	17	6	126	141
" Females	...	2	4	9	12	7	12	18	8	6	2	80	90
Non-pulmonary Males	...	6	8	8	5	3	3	6	2	3	1	45	54
" Females	1	4	11	9	6	1	1	4	2	3	...	42	49

Age periods...	Notifications on Form B					Number of Notifications on Form C	
	Number of Primary Notifications				Total Notifications on Form B	Poor Law Institutions	Sanatoria
	Under 5	5 to 10	10 to 15	Total Primary Notifications			
Pulmonary Males .....	...	13	6	19	21	4	2
" Females...	...	15	7	22	23	1	2
Non-pulmonary Males.	...	2	...	2	2	1	...
" Females	...	4	...	4	4	...	...

— F. —

## *Other Diseases.*

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### RESPIRATORY DISEASES.

There was a slight increase in the number of deaths from these diseases during the year, the number being from Bronchitis 281, Pneumonia 164, Pleurisy 5, and other forms 5.

Forty-six of these deaths were in children under the age of one year, and 147 in persons over 65 years of age.

### HEART DISEASE.

There were 229 deaths from various forms of Heart Disease, compared with 255 in the previous year.

### DIARRHŒA.

Only 25 deaths were ascribed to this disease, a very small number compared with the average of previous years.

### CANCER.

The number of deaths due to Cancer was 161, compared with 192 in the year 1916.



— H. —

## *Vital Statistics of the Borough.*

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In ordinary circumstances the population of the Borough would have reached a figure of about 154,000, but the Registrar General has estimated that the removal of soldiers, etc, from the town has reduced the population to 133,721 and it is on this figure that the death rates have been calculated.

For calculating the birth rates the population has been estimated to be equal to 149,061. It is not possible to estimate with any degree of accuracy the population of the several Wards in the Borough, and except for the Infantile Mortality rate the Statistics are of little value.

The natural increase or the increase of the births over the deaths during the year was only 14. In pre-war times the natural increase was always well over 1,000.

### BIRTHS.

The total number of Births registered in the Borough during the year was 2,150, of which the males numbered 1,074, and the females 1,076. This number is a decrease of 517 compared with the year 1916, and is equal to a rate of only 14·4 per 1,000 of the estimated population.

The previous lowest death rate was 17·8 per 1,000 in the year 1916.

The Births were notified by the following persons :—

Births Notified by Doctors .....	368
„ „ Midwives.....	1604
„ „ Parents, &c. ....	104
„ Not Notified .....	74

## DEATHS.

The number of deaths of Oldham Residents during the year was 2,136, which is equal to a death rate of 16·0 per 1,000. This is the lowest rate yet recorded in the Borough, and if the estimate of the population is reasonably correct, is a very satisfactory record, when it is considered that the population deducted consisted of those of the ages which contribute the smallest number of deaths.

The average death rate for England and Wales was 14·4, and of the 96 large towns 14·6.

In Mumps Ward the death rate was 20·8 per 1,000 ; in the other Wards the highest rate was 15·8 in Coldhurst. The lowest rate was 11·5 in St. Peter's Ward.

## INFANT DEATHS.

The following report, printed earlier in the year, contains particulars of the measures taken in connection with Infant Welfare.

The Infantile Death Rate, which is a correct figure, was only 110, compared with the previous lowest record in Oldham of 117, and an average for the previous five years of 128.



The rate for the whole of the country was 97, and that for the 96 great towns 104 per 1,000. The Infantile Mortality Rate in the various Wards was as follows:—

	No. of Deaths.	Rate per 1,000 Births.
St. Mary's .....	21	105
St. Peter's .....	8	69
Werneth .....	11	67
Westwood .....	24	100
St. Paul's ..	30	147
Coldhurst .....	16	109
Hartford .....	14	70
Hollinwood .....	19	107
Clarksfield.....	31	128
Mumps .....	19	159
St. James' .....	18	113
Waterhead .....	27	146
<hr/>		
Borough .....	238	110



## VITAL STATISTICS, 1917.

## SUMMARY.

Population estimated by the Registrar General to  
the middle of the year ... .. 133,721

Births registered in the 52 weeks ending December

29th, 1917 ... ..	Males ... ..	1,074	} 2,150
	Females ... ..	1,076	

Deaths registered in the 52 weeks ending December

29th, 1917 ... ..	Males ... ..	1,026	} 2,136
	Females ... ..	1,110	

Deaths from the seven principal Zymotic diseases... 115

Deaths under 1 per 1,000 Births ... .. 110

Annual Rate of Births per 1,000 living population. 14.4

Annual Rate of Mortality from all causes per 1,000  
living population ... .. 16.0

Annual Rate of Mortality per 1,000 living popula-  
tion from the seven principal Zymotic diseases. 0.8

Of the 2,136 deaths registered during the year 1917,  
418 or 19.5 per cent., were those of children under 5  
years of age.

## PRINCIPAL CAUSES OF DEATHS.

Bronchitis ... ..	281	Debility, &c. ... ..	32
Pneumonia ... ..	164	Cancer ... ..	161
Phthisis ... ..	178	Convulsions ... ..	15
Heart Disease... ..	214	Diarrhoea... ..	25
Measles ... ..	73	Premature Birth ... ..	41
Apoplexy, &c.... ..	142	Whooping Cough ... ..	4
Diphtheria ... ..	6	Accidents... ..	71

TABLE No. 1.  
HOUSES BUILT IN THE BOROUGH.

YEAR.				No. OF HOUSES BUILT.
March, 1877, to March, 1878	...	...		1010
" 1878	" 1880	...	...	989
" 1880	" 1881	...	...	746
" 1881	" 1882	..	...	738
" 1882	" 1883	...	...	644
" 1883	" 1884	...	...	631
" 1884	" 1885	...	...	737
" 1885	" 1886	...	...	780
" 1886	" 1887	...	...	657
" 1887	" 1888	...	...	711
" 1888	" 1889	...	...	371
" 1889	" 1890	...	...	218
" 1890	" 1891	...	...	214
" 1891	" 1892	...	...	190
" 1892	" 1893	...	...	227
" 1893	" 1894	...	...	362
" 1894	" 1895	...	...	284
" 1895	" 1896	...	...	294
" 1896	" 1897	...	...	360
" 1897	" 1898	...	...	505
" 1898	" 1899	...	...	455
" 1899	" 1900	..	...	608
" 1900	" 1901	...	...	543
" 1901	" 1902	...	...	439
" 1902	" 1903	..	...	375
" 1903	" 1904	...	...	357
" 1904	" 1905	...	...	242
" 1905	" 1906	...	...	185
" 1906	" 1907	...	...	169
" 1907	" 1908	...	...	210
" 1908	" 1909	...	...	283
" 1909	" 1910	...	...	443
" 1910	" 1911	...	...	453
" 1911	" 1912	...	...	283
" 1912	" 1913	...	...	288
" 1913	" 1914	...	...	283
" 1914	" 1915	...	...	212
" 1915	" 1916	...	...	85
" 1916	" 1917	...	...	16
" 1917	" 1918	...	...	.....



TABLE No. 2.

## INFANTILE MORTALITY DURING THE YEAR 1917.

DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER  
ONE YEAR OF AGE.

CAUSE OF DEATH				Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total deaths under 1 year
All Causes	Certified	...	...	51	8	11	8	78	40	39	28	26	211
	Uncertified	...	...	4	1	3	..	8	6	5	1	2	22
Small-Pox				...	...	...	...	...	...	...	...	...	...
Chicken-Pox				...	...	..	...	...	...	...	...	...	...
Measles				...	...	...	...	...	...	1	6	6	13
Scarlet Fever				...	...	...	...	...	...	...	...	...	...
Whooping Cough				...	...	...	...	...	...	...	...	1	1
Diphtheria and Croup				...	...	...	...	...	...	...	1	1	2
Erysipelas				...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis				...	...	...	...	...	...	...	...	1	1
Abdominal Tuberculosis				...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases				...	...	1	...	1	...	4	1	..	6
Meningitis ( <i>not Tuberculous</i> )				...	...	...	...	...	...	2	1	...	3
Convulsions				5	...	1	...	6	4	...	1	1	12
Laryngitis				...	...	...	...	...	...	...	1	...	1
Bronchitis				1	...	...	...	1	8	7	4	4	24
Pneumonia (all forms)				...	...	...	1	1	2	7	8	4	22
Diarrhœa				...	...	1	...	1	3	7	...	2	13
Enteritis				...	..	...	...	...	1	1	...	...	2
Gastritis				...	...	...	...	...	1	1	...	...	2
Syphilis				...	...	1	...	1	4	2	...	...	7
Rickets				...	...	...	...	...	...	1	...	...	1
Suffocation, overlying				...	...	...	...	...	...	...	...	...	...
Injury at Birth				5	...	...	...	5	...	...	...	...	5
Atelectasis				4	1	...	...	5	...	...	...	...	5
Congenital Malformations				...	...	1	..	1	...	1	...	...	2
Premature Births				25	...	3	3	31	5	1	...	...	37
Atrophy, Debility and				...	...	...	...	...	...	...	...	...	...
Marasmus				4	4	2	4	14	8	2	1	3	28
Other Causes				11	4	4	...	19	10	74	5	5	46
TOTALS.....				55	9	14	8	86	46	44	29	28	233



TABLE No. 3.

DEATHS UNDER ONE YEAR OF AGE IN 1917.

Nature of Diseases.	How Fed.					Occupation of Mother.			
	Breast.	Bottle.	Artificial food.	Both Breast and Bottle.	No Food.	Cotton Workers.	Charwoman or Domestic Servant.	Other Occupation.	Housework.
Small Pox .....	...	...	...	...	...	...	...	...	...
Chicken Pox .....	...	...	...	...	...	...	...	...	...
Measles .....	6	6	1	1	...	4	...	...	9
Scarlet Fever .....	...	...	...	...	...	...	...	...	...
Whooping Cough .....	1	...	...	...	...	...	...	...	1
Diphtheria & Croup .....	1	1	1	...	...	1	...	...	1
Erysipelas .....	...	...	...	...	...	...	...	...	...
Tubercular Meningitis .....	...	1	...	...	...	...	...	...	1
Abdominal Tuberculous .....	...	...	...	...	...	...	...	...	...
Other Tubercular Diseases .....	4	1	...	1	...	2	...	...	4
Meningitis (not Tuberculous) .....	2	1	1	...	...	...	...	...	3
Convulsions .....	5	4	1	1	2	2	...	...	10
Laryngitis .....	1	...	...	...	...	...	...	...	1
Bronchitis .....	13	11	3	...	...	7	...	1	16
Pneumonia (all forms) .....	12	9	2	1	...	6	1	...	15
Diarrhoea .....	6	7	2	...	...	2	1	1	9
Enteritis .....	...	2	...	...	...	1	...	...	1
Gastritis .....	...	1	...	1	...	...	...	...	2
Syphilis .....	3	4	...	...	...	2	...	...	5
Rickets .....	...	1	...	...	...	...	...	...	1
Suffocation, over-lying .....	...	...	...	...	...	...	...	...	...
Injury at birth... ..	...	...	...	...	5	1	...	...	4
Atelectasis .....	3	...	...	...	2	...	...	...	5
Congenital Malformation .....	...	2	1	...	...	1	...	...	1
Premature Birth .....	13	6	2	1	17	12	...	1	24
Atrophy, Debility, and Marasmus... ..	11	14	2	1	2	1	...	1	26
Other Causes .....	23	17	5	1	5	4	1	4	37
TOTALS .....	104	88	21	8	33	46	3	8	176

TABLE No. 6.—Showing Population, Births and Birth Rates, Deaths and Death Rates.—1917.

WARD.	Population.	Area in Acres.	Density (Persons to an Acre).	BIRTHS.			Birth Rate per 1,000 Population.	DEATHS.			Death Rate per 1,000 Population.
				Males.	Females.	Total.		Males.	Females.	Total.	
St. Mary's .....	11,102	113	98.2	110	90	200	18.0	85	78	163	14.7
St. Peter's .....	11,510	271	42.5	50	65	115	10.0	53	79	132	11.5
Werneth .....	12,111	262	46.2	88	76	164	13.6	74	73	147	12.2
Westwood .....	15,550	280	55.5	116	124	240	15.3	101	111	212	13.5
St. Paul's .....	15,923	457	34.8	111	92	203	12.8	115	113	228	14.3
Coldhurst .....	10,639	130	81.8	66	80	146	13.7	87	90	177	15.8
Hartford .....	13,352	207	64.5	97	102	199	14.9	92	106	198	14.8
Hollinwood .....	10,367	420	24.7	100	78	178	17.2	59	76	135	13.1
Clarksfield .....	16,338	623	26.2	120	122	242	14.7	101	107	208	12.7
Mumps .....	8,637	125	69.1	62	57	119	13.8	93	84	177	20.5
St. James' .....	11,387	1,015	11.2	67	92	159	13.9	65	80	145	12.7
Waterhead .....	14,128	826	17.2	87	98	185	13.1	101	113	214	15.2
Total .....	136,126	4,729	30.0	1,074	1,076	2,150	14.4	1,026	1,110	2,136	16.0

The Populations of the Wards are pre-war numbers.



TABLE No. 9.—For **WHOLE DISTRICT.**

Year.	Population estimated to middle of each Year.	Births.		Total Deaths Registered in the District.					Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of residents beyond the District.	Nett Deaths at All Ages Belonging to the District.	
		Number	Rate.	Under 1 Year of Age.		At all Ages.						Number	Rate.
				Number	Rate per 1,000 Births registered	Number	Rate.						
								5					
1	2	3	4	5	6	7	8	9	10	11	12	13	
1907	141,730	3743	26.5	541	144	2863	20.3	536	152	21	2732	19.7	
1908	142,507	4059	28.4	646	159	3022	21.1	580	160	6	2868	20.1	
1909	143,301	3912	27.4	467	119	2873	20.1	592	178	22	2717	19.0	
1910	146,700	3711	25.2	472	127	2656	18.0	570	199	7	2464	16.7	
1911	147,751	3491	24.4	556	159	2755	19.3	560	180	35	2610	18.2	
1912	148,840	3419	23.2	400	117	2601	17.4	607	212	51	2440	16.3	
1913	149,936	3465	23.2	483	138	2690	18.0	610	191	53	2552	17.1	
1914	151,044	3493	23.0	476	136	2850	18.8	636	214	58	2694	17.8	
1915	141,781	3007	20.8	380	126	2745	19.0	682	209	65	2601	18.0	
1916	148,107	2667	17.8	325	122	2442	17.8	696	228	80	2294	16.7	
Averages for years 1907-1916	146,169	3496	23.9	474	137	2750	18.9	607	192	40	2597	17.9	
1917	...	2150	14.4	238	110	2298	17.2	701	229	67	2136	16.0	

Area of District in Acres 4,730



TABLE No. 10.

Showing the Birth-rates, also Rates of Mortality from all causes, from the seven principal Zymotic Diseases, and from Phthisis, Bronchitis, and Pneumonia, during the years 1882-1917.

Year	Population	RATES PER 1,000 POPULATION FROM						Deaths under 1 year to 1000 births
		Births	Deaths all causes	7 principal Zymotic Diseases	Phthisis	Bronchitis	Pneumonia	
1882	114,017	35.3	24.9	2.8	2.3	3.4	2.1	182
1883	115,888	36.0	22.5	1.5	2.3	2.9	1.8	159
1884	117,791	37.4	25.9	3.7	2.6	2.8	2.3	182
1885	119,724	37.5	23.2	2.1	2.4	2.7	2.2	167
1886	121,690	34.7	24.2	3.0	2.3	3.1	1.9	175
Average 5 y'rs		36.2	24.1	2.6	2.4	3.0	2.0	173
1887	123,687	33.8	25.8	4.5	2.0	3.2	2.1	187
1888	125,717	33.3	22.3	2.2	1.9	2.6	2.6	151
1889	127,781	31.5	22.7	3.3	1.9	2.8	2.6	178
1890	129,878	31.0	24.4	2.5	2.0	3.4	3.1	180
1891	132,010	30.8	25.6	2.3	1.9	3.7	3.3	193
Average 5 y'rs		32.1	24.2	2.9	1.9	3.1	2.7	178
1892	132,171	29.5	22.3	2.7	2.1	2.8	2.3	177
1893	132,738	29.4	21.6	2.6	1.9	2.3	2.4	186
1894	133,313	28.4	19.4	1.9	2.0	2.1	1.9	162
1895	133,888	29.0	23.1	2.9	1.8	2.7	2.4	190
1896	134,475	29.1	21.6	2.9	1.7	2.5	2.3	183
Average 5 y'rs		29.1	21.6	2.6	1.9	2.5	2.3	180
1897	135,045	28.2	20.7	2.7	1.7	2.0	2.2	183
1898	135,617	27.7	19.2	2.4	1.7	2.1	2.2	174
1899	136,210	27.5	22.7	2.4	1.6	2.8	2.6	198
1900	136,797	27.1	22.0	2.7	1.9	2.8	2.3	173
1901	137,382	24.6	19.7	2.5	1.6	2.2	2.2	173
Average 5 y'rs		27.0	20.9	2.5	1.7	2.4	2.3	180
1902	138,091	26.1	19.1	2.0	1.5	2.1	2.0	148
1903	138,786	25.6	18.6	2.4	1.6	2.4	1.6	160
1904	139,497	24.9	18.3	2.3	1.4	2.2	1.5	155
1905	140,225	24.3	18.1	2.1	1.5	1.9	1.6	150
1906	140,969	26.9	18.8	2.8	1.3	1.7	1.6	146
Average 5 y'rs		25.5	18.6	2.3	1.4	2.0	1.6	152
1907	141,730	26.5	19.3	1.5	1.6	2.5	1.9	144
1908	142,507	28.4	20.1	2.6	1.5	2.2	1.5	159
1909	143,301	27.4	19.0	1.1	1.4	2.2	1.8	119
1910	146,700	25.2	16.7	1.8	1.1	1.7	1.5	127
1911	147,751	24.4	18.2	2.5	1.2	1.7	1.5	159
Average 5 y'rs		26.4	18.6	1.9	1.3	2.0	1.6	141
1912	148,840	22.9	16.3	1.3	1.3	1.8	1.3	117
1913	149,936	23.2	17.1	1.4	1.2	2.0	1.3	139
1914	151,044	23.0	17.8	2.5	1.2	1.9	1.4	136
1915	141,781	20.8	18.0	1.0	1.4	2.3	1.6	126
1916	*136,126	17.8	16.7	0.9	1.3	1.8	0.9	122
Average 5 y'rs		21.5	17.2	1.4	1.3	1.9	1.3	128
1917	*133,721	14.4	16.0	0.8	1.3	2.1	1.3	110

\* Estimated for Deaths.



TABLE No. 11.

Showing the number of deaths from the Seven Principal Zymotic Diseases in the Borough of Oldham, during the years 1878-1917.

Year	Population	Smallpox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Fever Typhus and Typhoid	Diarrhoea	Total Deaths
1878	102,573	1	114	240	26	77	36	93	587
1879	105,679	...	9	136	19	60	25	46	295
1880	108,880	..	96	131	9	70	28	142	476
1881	112,176	9	7	87	10	36	39	69	257
1882	114,017	4	69	58	10	77	26	74	318
1883	115,888	2	6	21	9	38	26	76	178
1884	117,791	..	193	33	7	36	22	149	440
1885	119,724	...	54	20	14	104	18	46	256
1886	121,690	..	89	32	29	57	30	134	371
1887	123,687	..	176	103	62	100	25	89	555
1888	125,717	13	53	66	36	40	24	43	275
1889	127,781	...	126	54	16	127	20	78	421
1890	129,878	...	95	25	6	82	15	96	319
1891	132,010	...	97	25	18	71	27	68	306
1892	132,171	15	139	42	18	68	16	56	354
1893	132,738	65	29	16	16	56	26	140	348
1894	133,313	22	56	21	39	58	15	46	257
1895	133,888	23	97	16	25	57	26	143	387
1896	134,475	...	165	56	34	53	23	72	403
1897	135,045	...	96	21	9	77	19	145	367
1898	135,617	..	87	24	10	65	23	114	323
1899	136,210	..	49	46	21	54	18	138	326
1900	136,797	3	108	54	20	89	17	76	367
1901	137,382	...	73	41	13	30	9	171	337
1902	138,091	7	103	39	49	29	13	42	282
1903	138,786	23	43	30	58	111	12	47	324
1904	139,497	14	70	22	34	37	22	117	316
1905	140,225	5	65	45	11	57	12	98	293
1906	140,969	...	125	33	17	41	6	175	397
1907	141,730	...	35	17	17	66	4	78	217
1908	142,507	...	82	28	23	54	12	174	373
1909	143,301	...	43	16	14	15	12	54	159
1910	146,700	...	84	4	9	77	10	80	264
1911	147,751	...	64	5	11	13	3	260	356
1912	148,840	...	65	7	12	65	...	52	201
1913	149,936	...	38	19	19	36	3	104	219
1914	151,044	...	169	48	39	56	5	69	386
1915	141,781*	...	48	17	20	15	4	49	153
1916	136,126*	...	29	3	30	48	2	32	144
1917	133,721*	...	73	3	6	4	4	25	115

\* Estimated for Deaths.

TABLE No. 12.

Weekly Means of Meteorological Observations for the year 1917.

Date	Barometer reduced to Sea Level at 32.0	Thermometer	HYGROMETER		% of Saturation	TEMPERATURES.							Rainfall 12in. above ground.	Number of Days on which rain fell	Clouds covered = 10 clear = 0	Sunshine recorded at Sitthasade
			Dry	Wet		Maximum in Shade	Minimum in Shade	Maximum in Sun Bulb	Maximum in Sun Black Bulb in Vacuum	Minimum on Grass	Temperature 12in. below surface.	Temperature 4 ft. below surface.				
1917																
January 6	29.63	44	44	43	92	47	40	47	49	34	43	41	1.53	7	10	.25
13	28.85	35	35	33	80	38	30	39	42	24	39	41	1.78	5	7	x
20	29.07	34	35	33	89	35	30	37	43	24	37	41	.31	4	9	—
27	29.33	30	30	30	F	32	27	34	38	23	37	39	—	—	9	6.50
February 3	29.09	30	30	30	F	33	27	36	42	20	35	38	—	—	10	2.40
10	29.38	32	32	32	F	34	22	44	53	12	35	38	—	—	4	25.80
17	29.27	35	35	35	100	37	29	47	55	22	35	37	.30	2	7	13.50
24	29.20	39	39	38	92	42	34	44	50	30	35	37	.58	6	10	1.00
3	29.33	40	40	39	92	43	34	48	55	28	35	37	.14	3	8	1.10
10	28.75	31	31	31	F	34	25	41	51	21	35	x	.09	2	9	7.60
17	29.02	41	41	38	77	44	33	53	61	27	37	x	.53	2	7	31.00
24	29.23	40	40	36	69	43	32	54	37	x	40	x	.79	6	8	22.10
31	28.86	38	38	37	91	43	31	53	67	x	39	x	.74	6	9	23.60
April 7	28.76	35	35	33	72	39	26	52	66	x	38	x	.34	3	9	22.70
14	28.73	37	37	36	91	41	30	50	64	x	39	x	.98	6	9	22.20
21	29.03	43	43	42	92	46	36	56	67	x	41	x	.81	6	9	24.70
28	29.58	48	48	48	100	53	41	61	73	x	45	x	—	—	8	10.90
5	29.38	56	56	56	100	60	43	70	81	x	49	x	—	—	4	40.60
12	29.28	50	50	50	100	59	38	68	84	x	48	x	—	—	5	—
19	29.15	52	52	49	80	67	44	65	86	x	51	x	.37	4	9	—
26	29.19	59	59	59	100	66	51	71	90	x	53	x	1.30	4	6	—



June	2 29-16	61	61	61	69	49	73	100	×	56	×	1-44	4	6	—
	9 29-37	57	57	57	64	48	72	93	×	56	×	1-07	3	7	47-50
	16 29-40	67	67	66	73	53	84	100	×	59	×	—	—	2	68-10
	23 29-12	59	59	59	74	50	87	101	×	60	×	.38	4	8	25-70
	30 29-30	55	55	53	65	44	74	91	×	57	×	.55	3	7	36-60
July	7 29-50	59	59	59	68	47	76	92	×	58	×	—	—	3	43-40
	14 29-32	62	62	59	72	50	82	98	×	58	×	—	—	6	46-60
	21 29-21	63	63	60	79	52	80	95	×	59	×	1-05	4	3	39-80
	28 29-42	65	65	63	72	56	82	97	×	60	×	.26	4	7	28-00
August	4 29-20	59	59	58	64	53	72	89	×	59	×	.50	4	10	—
	11 29-09	63	63	62	70	54	75	91	×	58	×	.76	4	8	—
	18 28-95	60	60	57	66	53	73	90	×	58	×	3-56	7	8	25-00
	25 29-17	60	60	58	66	52	73	89	×	59	×	1-55	6	7	10-10
Septem.	1 29-19	55	55	53	58	50	66	80	×	57	×	3-03	7	9	—
	8 29-38	59	59	58	67	51	75	87	×	58	×	.35	2	9	—
	15 29-35	56	56	53	64	50	72	87	×	56	×	.75	4	8	8-50
	22 29-14	56	56	53	65	50	68	84	×	56	×	.73	6	8	4-46
	29 29-32	58	58	54	65	48	69	83	×	56	×	.63	5	9	14-00
October	6 29-14	53	53	50	65	44	59	81	×	54	×	1-53	4	9	22-60
	13 28-62	45	45	44	53	33	52	65	×	50	×	3-28	7	10	10-70
	20 29-09	46	46	44	51	34	58	66	×	47	×	.36	6	10	15-40
	27 28-97	45	45	44	53	39	55	66	×	47	×	1-78	6	9	—
Novem.	3 29-04	44	44	44	47	40	47	59	×	45	×	.76	7	10	—
	10 28-96	44	44	44	50	39	52	62	×	46	×	1-79	7	8	10-60
	17 29-46	43	43	43	48	37	49	59	×	44	×	.44	6	10	2-40
	24 29-38	49	49	47	51	45	52	54	×	48	×	.69	6	10	—
Decem.	1 29-09	46	46	46	52	41	52	53	×	46	×	2-03	7	10	.30
	8 29-34	39	39	39	44	34	45	49	×	42	×	.54	5	9	—
	15 29-44	37	37	37	44	31	43	47	×	40	×	1-02	3	10	.13
	22 29-24	34	34	33	38	29	38	46	×	39	×	1-00	5	9	2-3
	29 29-43	36	36	36	42	30	40	46	×	38	×	.43	4	8	4-8
Means	29-21	48	48	47	54	40	59	70	33	48	39	42-85	204	8	Total 722-94

× Instrument out of Order.

TABLE No. 15.

## COUNTY BOROUGH OF OLDHAM.

Deaths Registered at Several Groups of Ages from Different Causes  
during 52 Weeks ending December 29th, 1917.

CAUSE OF DEATH.	AGES.									ALL AGES.	Total Deaths whether of "Residents" or "Non- Residents" in Institutions in the District.
	0 to 1	1 to 2	2 to 5	Total under 5 years	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards		
<i>Classes.</i>											
I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES ...	45	42	38	125	33	36	97	65	18	374	124
II.—PARASITIC DISEASES ...	2	...	..	2	...	...	...	...	...	2	...
III.—DIETETIC DISEASES ...	...	...	...	...	...	...	...	...	...	...	...
IV.—CONSTITUTIONAL DISEASES...	2	...	3	5	2	7	29	126	63	232	66
V.—DEVELOPMENTAL DISEASES...	50	1	...	51	...	...	...	2	83	136	14
VI.—LOCAL DISEASES .....	84	46	36	166	36	34	126	440	378	1180	427
VII.—DEATHS FROM VIOLENCE	9	1	5	15	6	6	19	22	16	84	51
VIII.—DEATHS FROM ILL- DEFINED AND NOT SPECIFIED CAUSES ...	46	4	4	54	9	4	13	25	23	128	19
TOTALS .....	238	94	86	418	86	87	284	680	581	2136	701
I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES.											
1. Miasmatic Diseases.											
Smallpox .....	...	...	...	...	...	...	...	...	...	...	...
Measles.....	13	31	23	67	4	2	...	...	..	73	4
Scarlet Fever .....	...	...	1	1	2	...	...	...	...	3	3
Typhus .....	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough .....	1	2	1	4	...	...	...	...	...	4	...
Diphtheria .....	2	1	2	5	1	...	...	...	...	6	6
Simple Continued and Ill- defined Fever .....	...	...	...	...	...	...	...	...	...	...	...
Enteric or Typhoid Fever .....	...	...	...	...	...	1	2	1	...	4	5
Cerebro-Spinal Fever.....	...	...	...	...	...	...	...	...	...	...	...
Tabes Mesenterica .....	...	...	...	...	...	...	...	...	...	...	...
Tubercular Meningitis, Hydro- cephalus .....	1	1	5	7	5	1	...	...	...	13	1
Phthisis .....	1	1	...	2	10	24	73	58	11	178	86
Other Forms of Tuberculosis											
Scrofula .....	6	2	3	11	9	7	10	2	...	39	12
Other Miasmatic Diseases.....	...	...	...	...	...	...	...	1	...	1	...
Influenza .....	1	...	...	1	...	...	5	2	6	14	...
2. Diarrhoeal Diseases.											
Simple Cholera .....	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea Dysentery .....	13	4	3	20	2	...	1	1	1	25	1







TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.									All Ages.	Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.
	0 to 1	1 to 2	2 to 5	Total under 5 years	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards		
V.—DEVELOPMENTAL DISEASES.											
Premature Birth.....	41	...	...	41	...	...	...	...	...	41	4
Atelectasis .....	5	...	...	5	...	...	...	...	...	5	...
Congenital Malformations... ..	4	1	...	5	...	...	...	...	...	5	...
Old Age .....	...	...	...	...	...	...	...	2	83	85	10
VI.—LOCAL DISEASES.											
1. Diseases of Nervous System.											
Inflammation of Brain or Membranes .....	2	2	5	9	6	1	2	1	1	20	4
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis.	...	...	...	...	...	...	6	59	77	142	68
Insanity, General Paralysis of the Insane .....	...	...	...	...	...	2	8	28	6	44	58
Epilepsy .....	...	...	...	...	1	4	3	6	2	16	15
Convulsions .....	13	...	1	14	1	...	...	...	...	15	...
Laryngismus Stridulus (Spasm of Glottis) .....	1	...	...	1	...	...	...	...	...	1	...
Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...
Disease of Spinal Cord, Paraplegia, Paralysis Agitans...	1	1	...	2	...	1	2	10	3	18	6
Other Diseases of Nervous System .....	...	...	...	...	...	...	2	5	1	8	1
2. Diseases of Organs of Special Sense.											
Of Ear, Eye, Nose .....	...	...	...	...	...	1	..	...	1	2	2
3. Diseases of Circulatory System.											
Pericarditis .....	...	...	...	...	1	...	...	1	...	2	...
Acute Endocarditis.....	...	...	...	...	...	...	1	7	5	13	...
Valvular Diseases of Heart ...	...	...	...	..	5	3	20	40	27	95	19
Other Diseases of Heart .....	1	...	...	1	3	1	18	49	47	119	48
Aneurism .....	...	...	...	...	...	...	...	...	...	...	...
Embolism, Thrombosis .....	...	...	...	...	...	...	...	1	1	2	...
Other Diseases of Blood Vessels	1	...	...	1	...	..	...	5	12	18	4
4. Diseases of Respiratory System.											
Laryngitis .....	1	2	...	3	...	...	1	...	...	4	2
Croup .....	...	...	...	...	...	...	...	...	...	...	...
Emphysema, Asthma .....	...	...	...	...	...	1	...	5	...	6	2
Bronchitis .....	24	14	6	44	3	1	10	100	123	281	99
Broncho-Pneumonia .....	16	14	14	44	2	2	3	18	10	79	13
Pneumonia (other forms) .....	6	7	5	18	3	2	18	31	13	85	10
Pleurisy .....	...	..	...	...	1	...	...	3	1	5	...
Other Diseases of Respiratory System .....	...	...	...	...	1	...	...	...	...	1	1





TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.									ALL AGES	Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.
	0 to 1	1 to 5	2 to 5	Total under 5 years.	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards		
11. <i>Diseases of Integumentary System.</i>											
Carbuncle, Phlegmon .....	...	...	...	...	...	...	...	1	...	1	1
Other Diseases of Integumentary System .....	...	...	...	...	...	...	...	...	...	...	...
VII.—DEATHS FROM VIOLENCE.											
1. <i>Accident or Negligence.</i>											
Fractures and Contusions.....	6	1	...	7	1	4	12	9	10	43	36
Gunshot Wounds .....	...	...	...	...	...	...	...	...	...	...	...
Cut, Stab .....	...	...	...	...	...	...	...	...	...	...	...
Burn, Scald .....	...	...	2	2	3	1	...	3	1	10	13
Poison .....	...	...	...	...	...	...	...	...	...	...	...
Drowning .....	...	...	3	3	2	1	2	1	1	10	...
Suffocation .....	2	...	...	2	...	...	...	2	...	4	...
Otherwise .....	...	...	...	...	...	...	1	1	2	4	...
2. <i>Homicide.</i>											
Manslaughter .....	1	...	...	1	...	...	...	...	...	1	...
Murder .....	...	...	...	...	...	...	...	...	...	...	...
3. <i>Suicide.</i>											
Gunshot Wounds .....	...	...	...	...	...	...	...	1	1	2	1
Cut, Stab .....	...	...	...	...	...	...	...	1	...	1	1
Poison .....	...	...	...	...	...	...	4	2	...	6	...
Drowning .....	...	...	...	...	...	...	...	1	1	2	...
Hanging .....	...	...	...	...	...	...	...	1	...	1	...
Otherwise .....	...	...	...	...	...	...	...	1	...	...	...
VIII.—DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES.											
Dropsy .....	...	...	...	...	...	...	...	...	...	...	...
Debility, Atrophy, Inanition...	28	3	1	32	...	...	...	...	...	32	9
Mortification .....	...	...	...	...	2	1	4	2	1	2	1
Tumour .....	...	...	...	...	1	...	1	...	...	10	6
Abscess .....	...	...	...	...	...	...	...	...	...	2	2
Hæmorrhage .....	1	...	...	1	...	...	...	...	...	1	...
Sudden Death (cause not ascertained) .....	17	1	3	21	6	3	7	22	21	80	...
Causes not Specified or Ill-defined .....	...	...	...	...	...	...	1	...	...	1	1

TABLE No. 16.  
SCARLET FEVER.

Ages	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	36	2	5.55
5 to 10 .. ...	61	1	1.64
10 to 15... ..	22	...	...
15 to 25... ..	7	...	...
25 to 35 .. ...	2	...	...
35 to 45... ..	1	...	...
45 to 55... ..	...	...	...
Over 55 ... ..	...	...	...
Total ... ..	129	3	2.32



TABLE No. 17.

## DIPHThERIA.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	23	4	17·4
5 to 10... ..	20	2	10·0
10 to 15... ..	6	...	...
15 to 25... ..	...	...	...
25 to 35... ..	1	...	...
35 to 45... ..	...	...	...
45 to 55... ..	1	...	...
Over 55... ..	...	...	...
Total .....	51	6	11·8

TABLE No. 18.

## TYPHOID OR ENTERIC FEVER.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	...	...	...
5 to 10... ..	1	...	...
10 to 15... ..	...	...	...
15 to 25... ..	1	1	100·00
25 to 35... ..	1	1	100·00
35 to 45... ..	1	1	100·00
45 to 55... ..	...	...	...
Over 55... ..	1	1	100·00
Total ... ..	5	4	80·00



TABLE No. 19.

Showing the number of Cases of Sickness and the Deaths Registered during the several months of the year 1917 in Oldham.

MONTHS.	SMALLPOX.		SCARLET FEVER.		DIPH- THERIA.		TYPHOID FEVER.		PUER- PERAL FEVER.		TYPHUS FEVER.		ERYSIPELAS		MEM- BRANOUS CROUP.		RELAPSING FEVER.		CONTINUED FEVER.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January ...	...	...	4	...	7	...	...	...	1	...	...	...	6	...	...	...	...	...	...	...
February ...	...	...	6	...	4	1	...	...	4	1	...	...	6	...	...	...	...	...	...	...
March .....	...	...	11	...	5	...	...	...	2	3	...	...	5	...	...	...	...	...	...	...
April .....	...	...	5	...	6	1	...	...	2	...	...	...	5	...	...	...	...	...	...	...
May .....	...	...	8	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...
June .....	...	...	4	...	4	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...
July .....	...	...	12	...	6	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
August ...	...	...	7	...	4	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...
September.	...	...	15	1	1	2	...	...	...	...	...	...	6	...	...	...	...	...	...	...
October ..	...	...	18	1	2	1	...	...	...	...	...	...	8	...	...	...	...	...	...	...
November..	...	...	15	...	5	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...
December..	...	...	24	1	7	1	...	...	2	1	...	...	13	...	...	...	...	...	...	...
Totals ...	...	...	129	3	51	6	5	4	11	5	...	...	74	1	...	...	...	...	...	...

TABLE No. 22.

Showing the number of new Cases of Sickness coming to the knowledge of the Medical Officer of Health during the years 1885 to 1917

Year.	Small-pox.	Scarlet Fever.	Diphtheria.	Typhus Fever.	Typhoid Fever.	Puerperal Fever.	
1885	4	229	28	...	58	2	
1886	5	391	44	12	100	7	
1887	3	1,775	127	2	119	5	2,
1888	104	985	86	...	106	3	1,
1889	1	680	39	...	56	5	
1890	...	320	11	2	63	7	
1891	...	238	29	...	112	4	
1892	75	667	27	...	83	9	
1893	416	442	25	...	70	9	
1894	165	264	67	...	69	9	
1895	137	216	70	...	109	5	
1896	27	785	61	8	114	17	1,0
1897	...	332	38	2	86	10	4
1898	1	346	39	...	68	20	4
1899	2	822	71	...	92	11	9
1900	8	1065	94	...	72	21	12
1901	2	679	56	...	40	18	7
1902	178	704	187	...	63	15	11
1903	256	507	201	...	52	9	10
1904	255	638	158	...	76	19	11
1905	281	969	98	...	62	15	14
1906	455	794	92	...	31	16	13
1907	...	522	69	...	22	8	6
1908	...	597	89	...	39	21	7
1909	...	522	62	...	35	16	6
1910	2	217	50	...	24	14	30
1911	1	447	87	...	20	19	57
1912	...	366	49	...	18	10	44
1913	8	922	91	...	12	13	1,04
1914	4	1265	164	...	18	9	1,46
1915	22	530	86	...	11	10	65
1916	1	149	142	...	5	9	30
1917	...	129	51	...	5	11	19



TABLE No. 20.

Cases of Infectious Disease notified during the Year 1917.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						
	At all Ages.	At Ages—Years.					
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds
Small-pox .. ..	...	...	...	...	...	...	...
Diphtheria ... ..	51	2	21	26	...	2	...
Erysipelas ... ..	74	...	1	7	5	48	13
Scarlet Fever ..	129	...	36	83	7	3	...
Typhus Fever ... ..	...	...	...	...	...	...	...
Enteric Fever ..	5	...	...	1	1	3	...
Puerperal Fever ...	11	...	...	...	3	8	...
*Phthisis... ..	400	...	...	...	...	...	...
*Ophthalmia Neonatorum...	31	31	...	...	...	..	...
*Infantile Paralysis.	...	...	...	...	...	...	...
*Cerebro Spinal Meningitis .....	2	...	...	1	1	...	...
*Measles .....	3740	...	...	...	...	...	...
Totals ...	270	2	58	118	17	64	13

\* Not included in Totals.

TABLE No. 20—Continued.

NOTIFIABLE DISEASE.	No. of Cases Removed to Hospital from Each Locality											
	St. Mary's Ward	St. Peter's Ward	Werneth Ward	Westwood Ward	St. Paul's Ward	Coldhurst Ward	Hartford Ward	Hollinwood Ward	Clarksfield Ward	Mumps Ward	St. James's Ward	Waterhead
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria...	1	1	3	8	2	2	2	1	6	1	...	...
Erysipelas...	...	...	1	...	1	1	...	...	...	...	...	...
Scarlet Fev'r	4	1	4	12	7	8	3	13	16	..	6	...
Typhus ..	...	...	...	...	...	...	...	...	...	...	...	...
Enteric ..	...	...	...	..	...	...	1	...	..	...	...	...
Puerperal ..	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Meningitis }	2	...	...	...	...	...	...	...	...	...	...	...
Measles ..	1	...	...	...	2	1	1	...	1	...	...	...
Totals ...	8	2	8	20	12	12	7	14	23	1	6	6



TABLE No. 23.

Summary of Cases treated in the Cinder Hill and Strinesdale Hospitals during the years 1902 to 1917.

Hospitals.	1902		1903		1904		1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915		1916		1917	
	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.		
Cinder Hill.....	9	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	
Oldham Cases	175	9	278	22	269	13	267	5	414	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Strinesdale.....	175	9	278	22	269	13	267	5	414	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Oldham Cases	175	9	255	21	246	13	266	5	413	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Out-Township Cases	9	1	24	1	23	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Totals .....	184	10	279	22	269	13	267	5	414	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

\* Cases of Phthisis.

TABLE No. 26.

SHOWING THE NUMBER OF BAKEHOUSES REGISTERED,  
VISITS MADE, AND DEFECTS REMOVED.

No. of Bakehouses on Register, December, 1916	...	...	...	...	...
" " discontinued during 1917	...	...	...	...	...
" " registered during 1917	...	...	...	...	...
" " on Register, December, 1917	...	...	...	...	...
" Visits paid	...	...	...	...	...
" Notices served	...	...	...	...	...
" " complied	...	...	...	...	...
Re-inspections of work in progress or under notice	...	...	...	...	...
Miscellaneous Visits (to Owners, Agents, etc.)	...	...	...	...	...

Nature of Defects.	Notices Served	Notices Complied
Bakehouses Repaired ... ..	2	2
Dirty Bakehouses ... ..	2	2
Damp, Defective Roof, etc. ... ..	1	1
Defective Ventilation ... ..	...	...
Accumulations ... ..	3	1
Defective Slop Pipe... ..	...	...
Blocked Drains ... ..	1	1
Defective Drains ... ..	1	1
Defective Chimneys... ..	...	...

District	No. on Register	Where Baking is Done.					Kind of Oven Used			
		Living Room	Living Room and Kitchen	Out Kitchen	Cellar	Bakehouse	Ordinary	Special Iron	Gas	Brick
No. 1 ... ..	80	31	16	12	6	15	30	45	11	6
" 2 ... ..	85	32	11	17	8	17	34	47	8	1
" 3 ... ..	96	18	28	28	4	18	22	56	22	4
" 4 ... ..	54	19	6	15	4	10	18	29	9	5
" 5 ... ..	73	27	18	8	2	18	30	42	14	2
Totals ...	388	127	79	80	24	78	134	218	64	18



TABLE No. 27.

## RETAIL MILK SHOPS.

No. of Milk Shops on Register, December, 1916...	...	...	...	444
" " Discontinued during 1917	...	...	...	16
" " Registered " 1917	...	...	...	5
" " on Register, December, 1917...	...	...	...	433
No. of Visits Paid	...	...	...	729
" Notices Served	...	...	...	2
" " Complied...	...	...	...	2
Visits to Ice Cream Vendors	...	...	...	273

# TABLE No. 24.

## WOMEN INSPECTORS' REPORT.

VISITS, &c., during the year ending December 29th, 1917.

	Visits.	Re- Inspect'n.	Nuisances Reported to Chief Inspector.
Births.....	2,273	5,875	Dirty Houses .....
Deaths of Infants .....	220	4	Damp do. ....
Workshops .....	...	...	Defective Ventilation ...
Shop Hours Acts . . . .	...	...	Do. Cellars .....
Enquiries for Shop Seats	...	...	Privy Nuisances .....
Infectious Diseases .....	3,751	11	Overcrowding .....
School Notifications ...	1,836	30	Defective Drains .. ...
Special Cases .....	315	1	Do. Slop-pipes ...
			Under Workshops and Shop Hours Acts...
			Other Defects ... ..
			Defective Houses .....



TABLE No. 25.

SHOWING THE NUMBER OF WORKSHOPS REGISTERED,  
VISITS MADE, AND DEFECTS REMOVED.

No. of Workshops on Register December, 1916	...	...	...	537
" " Discontinued during 1917	...	...	...	22
" " Registered during 1917...	...	...	...	18
" " on Register December, 1917	...	...	...	533
" Visits Paid	...	...	...	1071
" Notices Served	...	...	...	153
" " Complied	...	...	...	117
" Visits under Shop Hours Act	...	...	...	12
Re-Inspections of Work in Progress or Under Notice	...	...	...	560
Miscellaneous Visits (to Owners, Agents, &c.)	...	...	...	470
Privies Inspected	...	...	...	1582

Nature of Defects.	Notices Served.	Notices complied.
Dirty Workrooms	5	5
Damp, Defective Roof, &c.	4	4
Defective Ventilation	1	...
Defective Water Supply	16	10
Defective Cellars	1	1
Insufficient or no Closet Accommodation	5	1
Defective Closets	20	17
Privy Nuisances	82	63
Defective Drains	6	6
Untrapped Drains	4	4
Defective or Short Slop Pipes	4	4
Fire Escapes	3	1
Accumulations	2	1

32 Tests have been applied to the drains of 16 premises, and  
18 defects discovered.

60 yards of drainage pipes laid, and 4 traps fixed.

TABLE No. 28.

Showing the number of Smoke Observations taken and Inspections  
Mill Lodges made during the years 1916-1917.

Fortnight ending		SMOKE OBSERVATIONS.		MILL LODGES INSPECTIONS.	
1916.	1917.	1916.	1917.	1916.	1917.
Jan. 15	Jan. 13...	37	44	—	3
" 29	" 27...	37	61	26	3
Feb. 12	Feb. 10...	41	74	9	8
" 26	" 24...	48	58	6	7
Mar. 11	Mar. 10...	55	66	2	4
" 15	" 24...	56	72	12	7
Apr. 8	Apr 7...	82	59	15	6
" 22	" 21...	60	58	5	—
May 6	May 5...	92	84	7	—
" 20	" 19...	87	85	22	21
June 3	June 2...	85	84	3	6
" 17	" 16...	74	83	4	4
July 1	" 30...	81	84	9	4
" 15	July 14...	68	87	5	8
" 29	" 28...	76	80	2	—
Aug. 12	Aug. 11...	75	84	12	6
" 26	" 28...	77	71	3	—
Sep. 9	Sep. 8...	55	20	9	—
" 23	" 22...	80	56	5	—
Oct. 7	Oct. 6...	64	79	—	—
" 21	" 20...	75	80	—	—
Nov. 4	Nov. 3...	73	73	12	—
" 18	" 17...	60	54	6	—
Dec. 2	Dec. 1...	53	59	—	—
" 16	" 15 ..	50	56	9	32
" 30	" 29...	50	52	9	—
Totals .....		1691	1763	192	119



TABLE No. 29.

HALF-HOURLY SMOKE OBSERVATIONS,  
TAKEN DURING 1917.

Total Observations taken.	No Black Smoke.	Under 1 Minute.	One and Under 2 Minutes.	Two and Under 3 Minutes.	3 and 4, both inclusive.	Over 4 Minutes.
1763	607	444	528	162	13	9
Percentage ...	34·4	25·2	29·9	9·2	0·7	0·5

TABLE No. 30.

## LIST OF FIRMS REPORTED TO HEALTH COMMITTEE DURING THE YEAR 1917.

NAME OF MILL	Where Situated	No of Boilers	Length of Boilers	Diameter of Boilers	Coal Consumption Weekly	No. of Boilers Working	Nature of Appliances Fixed.	How disposed of
Spring Hey Mill...	Huddersfield Road	1	30	7 6	Tons	1	Sorocco Fan.....	Cautioned by H. C.
Glodwick Mill .....	Gartside Street ...	4	30	8 0	80	3	Nil	Fined 10/-
Grange Mill.....	West End Street...	2	30	8 6	34	1	Nil	Adjourned 3 months
Werneth .....	Manchester Road	3	30	8 6	80	3	Sanger & Webster Furnaces.....	Cautioned by H. C.
Alma Mill.....	Scott Street.....	4	30	7 6	60	4	Nil	Adjourned 3 months
Majestic Mill .....	Greenacres Road...	4	30	8 0	112	4	Nil	Do.
Scottfield .....	Scott Street .....	2	30	7 6	30	2	Nil	Cautioned by H. C.
Commercial Mill...	Falcon Street .....	4	30	8 0	60	3	Nil	Adjourned 1 month
Greenbank Mill No. 2	Greengate Street...	6	30	8 6	139	5	Nil	Legal Notice Served



TABLE No. 31.

SMOKE PROSECUTIONS DURING 1917.

No. of Firms Fined.	Amount of Fine.	No. of times previously prosecuted.
1	10/-	7

TABLE No. 32.

NATURE OF SMOKE APPLIANCES IN USE IN THE  
BOROUGH OF OLDHAM, 1917.

Name of Appliances.	No. of Mills.	No. of Boilers.
Dyson & Williamson's Coking Machines...	1	3
Williamson's Auto-Coking do. ...	5	9
McDougall's do. ...	1	1
Proctor's do. ... ..	5	15
Meldrum Bros.' Forced Draught Furnace	1	1
Wilton's do. do. ...	1	1
Broadbent's Louvre Air Regulators... ..	9	31
Caddy's Tubular Bars ... ..	2	8
Yates & Thom's Rocking Bars ... ..	1	1
Butterworth's Sectional Bars ... ..	3	22
Hollow or Split Bridge Walls ... ..	3	8
Martin's Swing Doors ... ..	1	11
Sanger and Webster's Patent Air Regulators ... ..	9	27
British Smoke Preventor ... ..	2	6
Green's Smoke Consumer... ..	2	10
Thornton's Smoke Consumer ... ..	1	2
Johnson's Smoke Consumer ... ..	3	9
Benniss' Sprinkling Stoker ... ..	1	2
Superheaters ... ..	2	6
TOTALS... ..	53	173

Where no Appliances are fixed—113 Mills ; 287 Boilers. There  
are also about 50 Workshop Chimneys not on books.





TABLE No. 34.

## MAGISTERIAL PROCEEDINGS, 1917.

No. of Cases.	Particulars of Complaint.	How Disposed of.	Penalties	
			£	s.
1	Smoke Case .....	10/-	0	10
12	Milk Adulteration .....			
		2 Fined	£ 1	s. 10
		3 " "	d. 6	
		7 Dismissed	£ 1	s. 0
13			£ 6	11



## FOOD INSPECTOR'S REPORT.

Visits to Markets...	...	...	...	...	...	790
Do. Cattle Wharves...	...	...	...	...	...	518
Do. Meat Shops	...	...	...	...	...	8,492
Do. Fish Shops	...	...	...	...	...	2,621
Do. Fruit and Vegetable Shops	...	...	...	...	...	5,603
Do. Miscellaneous	Do.	...	...	...	...	62
Do. Contagious Diseases	...	...	...	...	...	13

## SLAUGHTER HOUSES.

## VISITS MADE AND DEFECTS REMEDIED.

No. on Register, December, 1916	...	...	...	...	43
No. lapsed during 1917	...	...	...	...	4
No. newly licensed during 1917	...	...	...	...	1
No. on Register, December, 1917...	...	...	...	...	40

Nature of Defects.					Notices Served.	Notices Complied.
Dirty	...	...	...	...	4	4
Defective Floors	...	...	...	...	—	—
Do. Drains	...	...	...	...	—	—
Without Bye-Laws	...	...	...	...	—	—
Do. Name Plate	...	...	...	...	—	—
Accumulation of Refuse	...	...	...	...	—	—
Insufficient Number of Vessels...	...	...	...	...	—	—
Defective Yards	...	...	...	...	—	—
Insufficient Water Supply..	...	...	...	...	—	—
Defective Ventilation	...	...	...	...	—	—
„ Manure Pit	...	...	...	...	—	—
„ Eaves Gutters	...	...	...	...	1	1

## DAIRIES, AND COWSHEDS.

No. of Dairies on Register, December, 1916	...	...	...	47
No. „ „ „ 1917	...	...	...	46
No. of Cowsheds on Register, December, 1916	...	...	...	107
No. „ „ „ Lapsed during 1917	...	...	...	3
No. of New Cowsheds Registered during 1917	...	...	...	—
No. of Cowsheds on Register December, 1917	...	...	...	104

Nature of Defects.					Notices Served.	Notices Complied.
Defective Eaves Gutters	...	...	...	...	—	—
Cowsheds Overcrowded	...	...	...	...	—	—
Defective Door...	...	...	...	...	—	—
Do. Ventilation	...	...	...	...	—	—
Do. Drain	...	...	...	...	—	—
Do. Gable End	...	...	...	...	—	—
Keeping Pigs in Cowsheds	...	...	...	...	—	—
Do. Cows in Buildings Not Registered	...	...	...	...	—	—
Defective Roofs	...	...	...	...	—	—
„ Floors	...	...	...	...	1	1
Accumulation of Refuse	...	...	...	...	1	1
Insufficient Water Supply	...	...	...	...	—	—
Dirty	...	...	...	...	—	—
Nuisance from Pig Keeping	...	...	...	...	—	—
Defective Privy	...	...	...	...	—	—

The number of Cowsheds, and the amount of cu  
space per head :—

Total number of Cowsheds, 104.						1916.	1917
						No of Shippens	No. of Shippens
600 cubic feet and under 700 cubic feet per head						52	49
700	"	"	800	"	"	16	16
800	"	"	900	"	"	26	26
900	"	"	1000	"	"	8	8
1000	"	"	1100	"	"	2	2
1100	"	"	1200	"	"	3	3
Total						107	104

### SUMMARY.

						Visits paid.	Notices served.	Notic compl with
Slaughter Houses	...	...	...	...	...	2876	5	5
Dairies	...	...	...	...	...	56	—	—
Cowsheds	...	...	...	...	...	138	2	2

### DISEASED OR UNSOUND FOOD DESTROYED.

						Tons.	Cwts.	Qrs.	Lbs.
10 Oxen	...	...	...	...	...	3	1	1	22
48 Sheep	...	...	...	...	...	1	2	1	20
3 Pigs	...	...	...	...	...	0	2	0	5
Calves	...	...	...	...	...	0	0	0	0
Meat	...	...	...	...	...	1	10	2	15
Offal	...	...	...	...	...	7	18	1	16
Fruit	...	...	...	...	...	4	1	2	0
Fish	...	...	...	...	...	0	0	0	0
Preserved Goods	..	...	...	...	...	2	11	3	4
85 Rabbits	...	...	...	...	...	0	2	3	14
Total						20	11	0	12



The following is a summary of diseased, etc., animals reported to, or found by the Meat Inspector during the year :—

Diseased Conditions.				No. Reported.	No. Found by Inspector.	Total.
Tuberculosis	...	...	...	34	83	117
Damaged or Over-kept Foods	...	...	...	37	37	74
Liver Flukes	...	...	...	4	29	33
Dropsy	...	...	...	2	—	2
Hydatids	...	...	...	—	17	17
Pneumonia	...	...	...	14	—	14
Smothered	...	...	...	29	4	33
Puerperal	...	...	...	2	—	2
Injured in transit	...	...	...	8	—	8
Pyæmia	...	...	...	—	10	10
Actinomycosis	...	...	...	—	2	2
Parasitic Mange	...	...	...	1	—	1
Anthrax	...	...	...	1	—	1





## HOUSES LET IN LODGINGS, 1917.

Number of Houses on Register, December, 1916	...	...	...	172
"    "    lapsed during 1917	...	...	...	10
"    "    registered during 1917...	...	...	...	1
"    "    on register December, 1917	...	...	...	161
Rooms on register December, 1916	...	...	...	739
"    "    lapsed during 1917	...	...	...	30
"    "    registered during 1917	...	...	...	12
"    "    on register December, 1917	...	...	...	721
Visits paid	...	...	...	8367
Notices Served	...	...	...	200
"    complied with	...	...	...	177

NATURE OF DEFECTS	Notices Served	Notices Complied With
Broken Walls, Floors and Ceilings...	25	21
Overcrowding	6	6
Dampness from defective Roof, etc.	41	30
Blocked Drains	8	8
Defective Slop-pipes	4	4
Dirty Walls, Floors, Ceilings, etc....	60	56
Defective Closets...	14	10
Dirty Closets	30	30
Accumulations of Refuse	6	6
Defective Dust-bin	0	0
Defective Ventilation	6	6
	200	177

DRAINAGE DEFECTS.	Notices Served.	No. of Houses Connected.
Blocked Drains ... ..	380	3
Defective Drains... ..	59	
Drain inlets untrapped or defectively trapped... ..	42	
Slop Pipe, defective or improperly ventilated... ..	127	10
Defective Water Closets ... ..	157	13
Defective Waste Water Closets... ..	1393	138
New Water Closets provided ... ..	5	
New Waste Water Closets .. ..	1	
Yards and Passages Repaired and Flagged ... ..	50	3
Accumulation of Offensive Matter ... ..	318	28
Manure Heaps... ..	7	
Defective and Insufficient Dustbins ... ..	181	13

No. of Smoke or other Tests, 135. No. of Houses Tested, 97.  
 No. of Defects found, 57. 264 yards of Channel Tiles and Drains  
 Pipes have been laid or re-laid during the year.  
 Traps fixed, 26. Ventilating Grids, 2.  
 Houses connected with Main Sewer, 3.

VISITS TO VARIOUS PREMISES.	Visits Paid.	Notices Served.	Notices Completed with.
Bakehouses ... ..	706	10	8
Pigsties ... ..	128	5	5
Tents, Vans, and Sheds ... ..	171	2	2
Houses let in Lodgings ... ..	8367	200	177
Offensive Trades ... ..	575	12	10
Mill Lodges ... ..	119	3	3
Ice Cream Vendors ... ..	263	...	...
Milkshops ... ..	729	2	2
Factories and Workshops ... ..	1076	153	117
Shop Hours Act ... ..	12	1	2



## ABOLITION OF ASHPITS.

Notices served for the abolition of 45 Ashpits	...	...	...	...	38
Number of Ashpits abolished during the year	...	...	...	...	29
do.	do.	since November 18th, 1909	...	...	6614
Number of Dustbins provided during the Year	...	...	...	...	67
do.	do.	since November 18th, 1909	...	...	16830

					£	s.	d.
Total Cost of 16614 Dustbins with Covers	...	...	...	...	6227	2	0
do.	216	do.	without Covers	...	64	5	6

Total Cost to date	...	...	...	...	...	6291	7	6
--------------------	-----	-----	-----	-----	-----	------	---	---

Samples taken under Food and Drugs Act	...	...	...	...	...	131
Informal Samples	...	...	...	...	...	18
Letters written to Property Owners or Agents, &c.	...	...	...	...	...	307
Miscellaneous Visits, &c.	...	...	...	...	...	4997
Privies inspected	...	...	...	...	...	12033
Samples taken under Rag Flock Act	...	...	...	...	...	—

Erections in Yards reported	...	...	...	...	...	—
Defective Urinals	...	...	...	...	...	2
Carcases of Animals in Water	...	...	...	...	...	—
Stagnant Water	...	...	...	...	...	—
Manure Pits built	...	...	...	...	...	—
Poultry in Houses	...	...	...	...	...	2
Dust and Fly from Mills	...	...	...	...	...	—
Low or Defective Chimneys	...	...	...	...	...	34
Dangerous Places reported	...	...	...	...	...	91
Coal Gas Nuisances and Escapes reported	...	...	...	...	...	4
Dead Bodies removed to Mortuary	...	...	...	...	...	68
Fire Escapes	...	...	...	...	...	1

Visits to Cases of Infectious Diseases	...	...	...	...	...	424
Visits to Cases of Phthisis	...	...	...	...	...	132
Cases removed to Hospitals	...	...	...	...	...	119
Houses Stripped or Cleansed after Infectious Disease	...	...	...	...	...	—

## HOUSES AND CLOTHING DISINFECTED.

Number of Houses Disinfected during the year	...	...	...	...	368
Number of Rooms	do.	do.	...	...	1004
Number of lots of Clothing Disinfected during the year	...	...	...	...	438
Number of Articles	do.	do.	...	...	9521
Number of Articles destroyed during the year	...	...	...	...	266

# CLOTHING, &c., 1916-1917.

Articles.	Disinfected.		Destroyed.		Totals.	
	1916.	1917.	1916.	1917.	1916.	1917.
Blankets .....	1020	5747	6	8	1026	5755
Sheets .....	894	633	17	10	911	643
Pillows .....	1135	828	62	37	1197	865
Bolsters .....	541	394	21	16	562	410
Quilts... ..	631	489	7	10	638	499
Mattresses .....	9	5	39	22	48	27
Beds .....	597	454	105	59	702	513
Carpets .....	2	...	2	...	4	...
Rugs .....	29	16	6	...	35	16
Curtains.....	14	...	...	...	14	...
Clothes .....	1067	897	21	77	1088	974
Sundry Articles ...	345	58	71	27	416	85
Total ... ..	6284	9521	357	266	6641	9787





# REPORT

By the Medical Officer of Health  
FOR THE YEAR 1917.

## Maternity and Infant Welfare

Population at the Census 1911	...	...	...	...	147,
1911-1914—Number of Births (Yearly Average)...	3,				
„ „ —Average Birth Rate per 1,000	...	...	...	...	2
„ „ —Average Infantile Mortality Rate per 1,000 Births.					
1917—Number of Births	..	...	...	...	2,1
„ —Birth Rate	...	...	...	...	1
„ —Infantile Mortality Rate	...	...	...	...	1

### INFANTILE DEATHS.

Compared with the pre-war figures, there has been considerable reduction in the number of infantile deaths. This has been due to a great extent to the much smaller number of births, and consequently to the smaller number of children under the age of one year. The proportion of these children who die under the age of one year is, however, much smaller than it has ever been previously in the Borough, being only 108 per 1,000 births, compared with the previous lowest rate of 117 per 1,000 in 1912. The gradual fall in this rate from 180, previous to the employment of Health Visitors in 1902, to 108, indicates that the



work done by them is having its effect. The average rate for the past year for England and Wales was 97, and for the 96 large towns (population over 50,000) 104 per 1,000.

The work is now being extended in connection with children over the age of one year and under school age, and if a Central Clinic is arranged, many of the minor ailments now remaining untreated could be dealt with to the benefit of the children.

There is a great excess of mortality among those who have been described as "unwanted babies," not by any means entirely among the illegitimates.

It would certainly save many lives, and reduce very largely the future inhabitants of the hospitals, defective schools, asylums, workhouses, and prisons if neglected children could be taken over by the State and brought up in a healthy manner. It would pay in lives and profitable citizens if not in actual cash returns.

### INFANT WELFARE.

At the commencement of the year there were three Health Visitors engaged, and two Infant Welfare Centres and Schools for Mothers directly under the control of the Department, and two other Centres under voluntary management.

The work of the Health Visitors remains much the same, briefly—

- (1) To visit houses where births have occurred.
- (2) To visit cases of Puerperal Fever.
- (3) To visit cases of minor Infectious Disease in children—Measles, Whooping Cough, Chicken Pox, Skin Disease, &c.

- (4) To visit at intervals Workshops where women are employed.
- (5) The visits are now more frequent, where necessary and in a few cases almost weekly. These visits are now being gradually extended to older children.
- (6) A few expectant mothers have been also visited and some have attended the various Centres.

During the year a great advance has been made in this work, and the following is the present position :—

There are six Health Visitors, each having charge of two Wards in the Borough. Each Health Visitor is also in charge of a School for Mothers and Infant Welfare Centre. In Hollinwood there is also a Branch Centre.

The following is a brief report of each Centre :—

1. Hollinwood Centre, St. James' Free Church. Opened in 1910. Nurse Sykes in charge. Infant Welfare Centre, alternate Tuesdays; School for Mothers every Thursday. Medical Officer attends on the Tuesdays.
- 1a. Beulah School, Hollins Road. Opened September 18th, 1917. Nurse Wilkinson in charge. Meets on Tuesdays alternately with Hollinwood Centre. Children weighed, examined by Nurse, and where necessary referred to the Doctor at Hollinwood School, and lectures given to mothers.
2. The Day Nursery, Overens Street. Opened 1916 but intermittently in early part of year, now in regular work. Nurse Scholes in charge. Meets on Wednesdays. Infant Clinic and School for Mothers alternately. A Medical Officer attends the Infant Clinic.



3. Fisher Street Centre. One of the Voluntary Centres taken over, and opened under the Health Department October 9th, 1917. Nurse Whalley in charge. Meets on Tuesdays. Infant Clinic and School for Mothers alternately. A Medical Officer attends the Infant Clinic,
4. Copster Hill Centre. Opened October 30th, 1917. Nurse Jackson in charge. Infant Clinic and School for Mothers meets alternate Tuesdays. A Private Practitioner attends the former.
5. Bent House Centre. One of the Voluntary Centres taken over in January, 1918. Nurse Felton in charge. Infant Clinic and School for Mothers meet on alternate Wednesdays. A Medical Officer attends the former.
6. Ripponden Road Centre. Opened January, 1918. Nurse Booth in charge. Infant Clinic and School for Mothers meet on alternate Thursdays. A Medical Officer attends the former.

#### DISTRICTS SUPPLIED AND STAFF.

CENTRE	WARDS.	No. on Books	Total Attendances	Meetings	Average Attendances
Hollinwood.....	Hollinwood and Werneth.	72	1545	56	28
Beulah .....	Do.	50	254	12	21
Day Nursery ...	Waterhead and Clarksfield	58	268	14	19
Fisher Street ...	St. Mary's and Coldhurst.	59	341	19	18
Copster Hill ...	St. Paul's and St. Peter's.	115	347	13	26
Bent House ...	Hartford and Westwood...	*—	—	—	—
Ripponden Rd..	Mumps and St. James' ...	*—	—	—	—

\* Opened in January, 1918.



## ANTE-NATAL WORK.

Expectant mothers occasionally attend at these Centres for instruction, and occasionally for advice, and some visits are made to them.

Arrangements have now been adopted to co-ordinate the work by opening a Centre where daily consultation and medical advice can be obtained, while the Branch Centres will be mainly devoted for lectures and instruction to mothers, and for the weighing and preliminary examination of infants.

It is proposed also to open, on one afternoon a week at the above Centre, a Maternity Clinic, and an effort will be made when this is established to bring the midwives more into touch and sympathy with this branch of work. A few of the midwives already attend some of the Centres, and help and take an interest in the work. Dried milk, condensed milk and sugar have been obtained and distributed to infants requiring and unable to obtain them. Dried milk is distributed at cost price, half price or free, according to a scale of income approved by the Health Committee. The two latter are sold at cost price, careful enquiries being first made that they cannot be obtained elsewhere.

It is to be regretted that the Ministry of Food have since prohibited the issue of condensed milk through the Centre. It has been a great convenience to some of the mothers.

## HOSPITAL ACCOMMODATION.

A small ward has been made available at the General Infectious Diseases Hospital for babies suffering from wasting and malnutrition, and during the latter portion of the year four babies were admitted, all of whom subsequently left the hospital in good health.



## MEASLES.

In accordance with the suggestion of the Local Government Board arrangements were made for one of the Nurses from the above Hospital to visit daily and give the necessary attention to young children suffering from measles, who were reported by the Health Visitors to require special nursing.

## MIDWIVES.

In April a temporary part-time Inspector of Midwives was appointed to inspect and supervise the work of these women, and the following is her report, which indicates that some of the Midwives had become very lax in their duties :—

### REPORT OF INSPECTOR OF MIDWIVES, 1917.

At the commencement of the year there were 49 Midwives on the list who had given notice of their intention to practise in Oldham during the year. Twenty-six of these hold a Certificate of Training, the remainder being those who were practising when the Midwives' Act came into force, and who had received little or no training.

During the year nine midwives have ceased to practise. Most of these were very elderly women who were unable to carry out their work, the remainder being women who were holding an appointment not requiring midwifery practice or who were engaged solely in nursing, where a medical man was in attendance. Two newly qualified Midwives were registered for practice. All the Midwives have been visited at least once, and in the case of the older and unsatisfactory Midwives additional visits were made.

In the case of the latter, endeavours have been made to keep them up to the standard as regards cleanliness of themselves and their instruments, but their knowledge is not sufficient to require the maintenance and use of all the usual appliances.

In addition to the visits to Midwives, all cases of ophthalmia and discharge from the eyes were visited, except when the children were already in an Institution. Several of the Midwives had become very lax in reporting such cases, and it was necessary to warn some of these that future omission to do so would result in their being reported to the Committee and to the Midwives' Board.

These cases are now being reported more regularly, and are regularly visited and measures taken, if required, to secure proper medical aid.

Some of the Midwives did not know how to deal with the eyes at birth, and have received the necessary instructions. The regular use of the thermometer has also been insisted upon, and in some cases instruction was also required as to its use. The following table gives a summary of the work.

The List of Midwives practising in the town has been forwarded to the Central Midwives' Board, but has this year not been printed.

Number of Midwives, February, 1918 ...	...	49
„ ceased practising during the year ...	...	9
„ of new Midwives during the year ...	...	2
NUMBER OF MIDWIVES VISITED ...	...	51
Number of Midwives satisfactory ...	..	22



## DEFECTS FOUND—

Book not kept up to date	...	...	...	3
No Records of the Temperature or Pulse	...	...	...	4
Bag Untidy and no Lining	...	...	...	6
*No Douche	...	...	...	5
No Thermometer	...	...	...	1
*No Catheter	...	...	...	6
No Disinfectant	...	...	...	4

\* The carrying of these two is not enforced in the case of the old Midwives.

Number of Notifications of Births	...	...	2151
„ of Births not Notified	...	...	75
„ of Cases attended by Midwives	...	...	1497
„ of Midwives who attended 100 cases or over during the year	...	...	2
„ of Midwives who attended 50-100 cases during the year	...	...	10
„ of Midwives who attended 25-50 cases during the year	...	...	15
„ of Midwives who attended under 25 cases during the year	...	...	24
„ of Deaths Notified	...	...	2
„ of Stillbirths Notified	...	...	15

Ophthalmia Cases Notified by Midwives, 13 ; from other sources, 18 ; total, 31.

Number of Notifications of Medical Aid (eyes 18), 146.

G. WILKINSON,

Certified Midwife.

Cert. of Royal San. Institute.

Cert. Hygiene.

