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COUNTY BOROUGH OF OLDHAM.

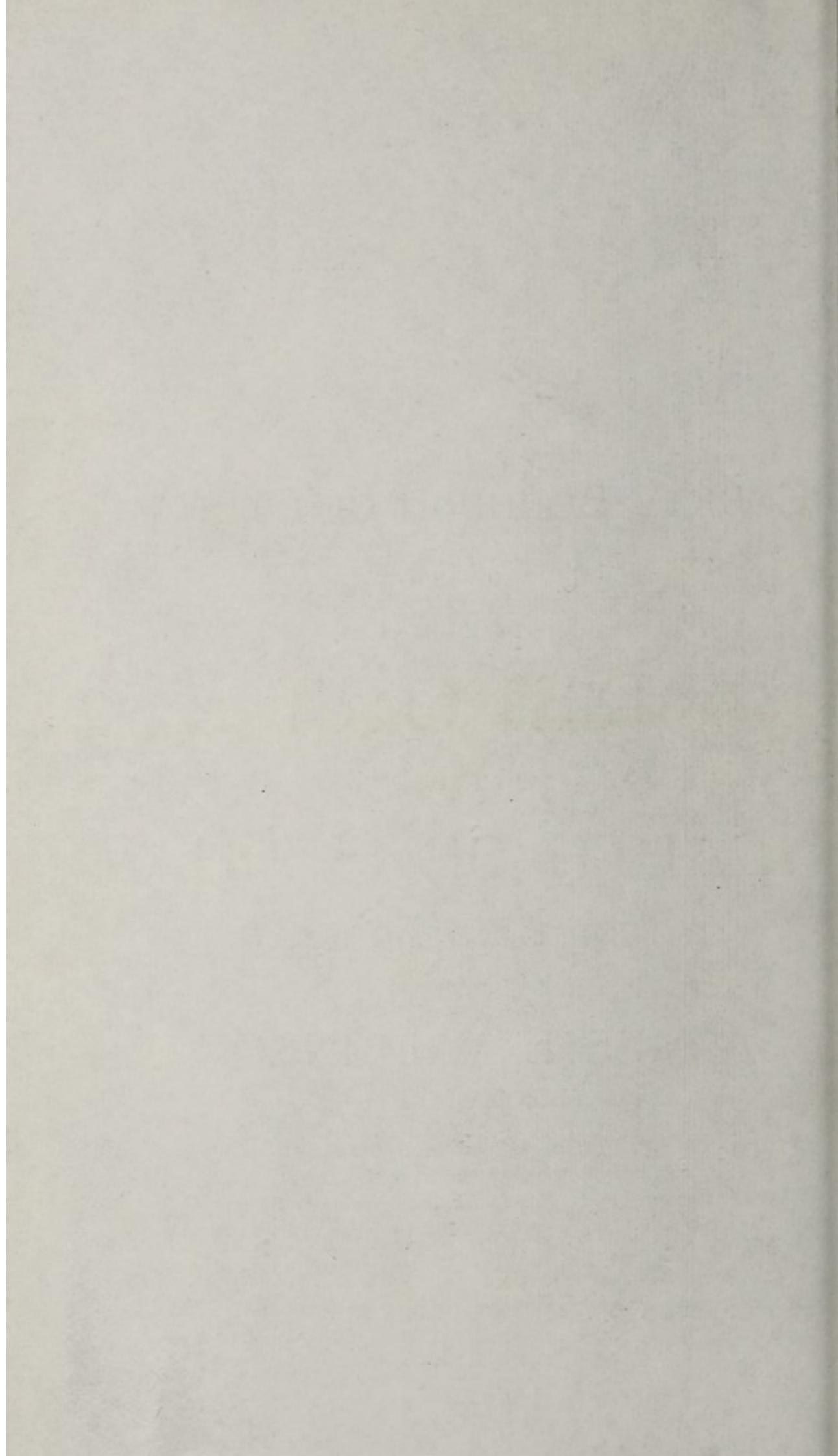
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REPORT  
ON THE  
HEALTH OF OLDHAM  
FOR THE YEAR 1929.

BY  
JAMES B. WILKINSON,  
M.D., C.M., D.P.H.

MEDICAL OFFICER OF HEALTH AND TUBERCULOSIS OFFICER ;  
MEDICAL OFFICER TO THE EDUCATION COMMITTEE ;  
MEDICAL SUPERINTENDENT OF WESTHULME AND STRINESDALE HOSPITALS ;  
EX-PRESIDENT AND EXAMINER TO THE INSTITUTE OF SANITARY ENGINEERS ;  
FELLOW ROYAL INSTITUTE OF PUBLIC HEALTH ;  
FELLOW ROYAL SANITARY INSTITUTE ;  
FELLOW INCORPORATED SOCIETY OF MEDICAL OFFICERS OF HEALTH.





## MEMBERS of the HEALTH COMMITTEE, 1929

Mr. Councillor W. H. Bolton, J.P., Chairman.

„ „ Bannon, Vice-Chairman.

The Mayor, Mr. Councillor Tupman, J.P.

Mr. Alderman J. Low, J.P.

Miss Councillor M. Lees.

Mr. Councillor Andrew.

„ „ J. Marsden.

„ „ Howcroft.

„ „ W. H. Taylor.

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### HOSPITALS SUB-COMMITTEE

### AND

### INSANITARY DWELLINGS SUB-COMMITTEE.

All the Members of the Committee.

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" " Bannan, Vice-Chairman.

The Mayor, Mr. Councillor Tapman, J.P.

Mr. Alderman J. Lee, J.P.

Miss Councillor M. Lee.

Mr. Councillor Andrew.

" " J. Marsden.

" " Howcroft.

" " W. H. Taylor.

## 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.*

---

MISS LEES AND GENTLEMEN,

I herewith submit my Annual Report on the work of the Health Department and Hospitals during the year 1929.

In some respects the year has been a remarkable one. In March the Epidemic of Influenza coupled with the extreme cold, unprecedented in this town caused such a large number of deaths as to bring the death rates during the two weeks to a figure hitherto unknown in the town. The extreme cold, 26 degrees of frost, seemed, in weakly persons or invalids and especially those debilitated by influenza to almost paralyse the vital and recuperative power.

In the latter part of the year the town was visited by an epidemic of very mild Scarlet Fever overdue by at least three years.

The passing of the Local Government Act resulted in the Council making a declaration to appropriate the Poor Law Hospital and administer it under the Public Health and Allied Acts. The work in connection with this was very heavy as the investigations and necessary reports had to be made personally.



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and Allied Acts. The work in connection with this was  
very heavy as the investigations and necessary reports had  
to be made personally.

As the report which will be required for the year 1930 will in all probability be a complete Survey Report I am confining this report to little more than statistics.

In conclusion, I must express my thanks to the members of the Health Committee for their confidence, and also to the members of my staff for their ready and loyal assistance.

I have the honour to remain,

Your obedient Servant,

JAMES B. WILKINSON,

Health Office,

MEDICAL OFFICER OF HEALTH.

Town Hall,

April, 1930.

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Health Office,

Town Hall,

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General Co. 143,300, by re-allocation of the population from other Towns. It has now been estimated by the Registrar General to be 142,500 for the year 1923. This is a further reduction of 700 from the previous year's estimate. What the actual population is will not be known until the next census in 1931.

## General Provision of Health Services.

### HOSPITALS, &c.

The Hospitals and allied institutions in the town are practically the same as in the previous year, and are briefly as follows:—

(1) THE OLDMAN ROYAL INFIRMARY.—This Institution contains 150 beds for in-patients, a large out-patient department, a fully equipped electrical and orthopaedic department, and a well-appointed laboratory. The Venereal Disease Clinic is at this Institution.



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# *Natural and Social Conditions of the Area.*

---

## AREA.

The area of the town is given in the Survey Returns as 4,735 Acres.

## POPULATION.

Census 1921—144,983 Persons.

This was subsequently altered by the Registrar General to 148,300, by re-allocation of the population from other Towns. It has now been estimated by the Registrar General to be 142,500 for the year 1929. This is a further reduction of 700 from the previous year's estimates. What the actual population is will not be known until the next census in 1931.

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There is invariably a waiting list for admission of in-patients, and a large number attend the out-patient department daily. Considerable improvements have been carried out during the year.

(2) THE POOR LAW HOSPITAL—A well-equipped Hospital for Medical, Surgical, and Maternity Cases. Paying Patients are admitted for surgical operations and maternity, the fees being adjusted according to the circumstances of the patient. After April 1st it will become a Municipal Hospital and carried on under the Public Health Acts and not the Poor Law. It contains 375 beds.

(3) A VOLUNTARY NURSING INSTITUTION for the supply of Nurses.

(4) A NURSING HOME—This is an up-to-date Institution equipped with every modern appliance for the Medical or Surgical treatment of patients who can afford a moderate fee. It is managed by a Committee of Medical Men and the fees are fixed to cover the expenses and range from £7 7s. 0d. per week upwards. Maternity Cases are also admitted.

(5) WESTHULME INFECTIOUS DISEASES HOSPITAL—This Hospital consists of three hospital blocks; one of which is used for Scarlet Fever, another for Diphtheria and the third a small isolation block, for Typhoid and cases of mixed Infections. There is also a pavilion for 30 cases of Tuberculosis.

(6) TUBERCULOSIS SANATORIUM AT STRINESDALE—The Hospital part of this building has been completed and is now a well-equipped and up-to-date Hospital.



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(3) A Voluntary Nursing Institution for the supply of Nurses.

(4) A Nursing Home—This is an up-to-date Institution equipped with every modern appliance for the Medical or Surgical treatment of patients who can afford a moderate fee. It is managed by a Committee of Medical Men and the fees are fixed to cover the expenses and range from £7 7s. 6d. per week upwards. Maternity Cases are also admitted.

(5) WASTHOUSE INFECTION DISEASES HOSPITAL—This Hospital consists of three hospital blocks; one of which is used for Scarlet Fever, another for Diphtheria and the third a small isolation block for Typhoid and cases of mixed infections. There is also a pavilion for 30 cases of Tuberculosis.

(6) TUBERCULOUS SANATORIUM AT STIRLINGDALE—The Hospital part of this building has been completed and is now a well-equipped and up-to-date Hospital.

The administrative portion, for which plans for a new building have been prepared, is very dilapidated, but owing to the conditions of trade in the town the erection was again postponed to a more prosperous time, although it is urgently needed.

(7) RACEFIELD HOSPITAL—(Chadderton, Royton and Crompton Joint Hospital Board). This is now the Smallpox Hospital for Oldham, as well as for the above Districts. When not required for Smallpox, it is let to the County Authority for cases of Tuberculosis, and was occupied as such during the whole of the year. The few cases of Smallpox which occurred were isolated at the Hartshead Smallpox Hospital belonging to the Ashton and District Joint Hospital Board.

Racefield is situated in the Urban District of Chadderton, and the Medical Officer is the Medical Officer of Health of that District and the Medical Officer of the Hospital.

THE CITY OF MANCHESTER is only seven miles distant, and the large Hospitals there are also used to a considerable extent by Oldham people and subscriptions to some of these are made by some of the Corporation Departments.

(8) MATERNITY HOME—This Institution was opened on the 25th September, 1928, with 12 beds. It has been much appreciated by the inhabitants of the town and since March it has been full, numbers having to be refused admission. During the year two additional beds were provided.

TUBERCULOSIS DISPENSARY (25, Barker Street).—This is provided by the Lancashire County Council and Oldham bears half the establishment costs.

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The two Authorities use the premises on different days in the week. There are two special rooms reserved for the Nurses' and Clerk's use of each authority.

**VENEREAL DISEASES CENTRE**—This is arranged in connection with the Royal Infirmary. There is no alteration in the arrangement from those in the previous year.

The Centre is staffed by the three Assistant Surgeons of the Institution and by a Male Attendant, Sisters and Nurses.

**MATERNITY AND CHILD WELFARE CENTRES**—There are six branch centres in the town, each under the control of one of the Health Visitors, and also a Central Institution which is used as a Babies' Clinic as well as a Maternity and Child Welfare Centre. The Assistant Medical Officer visits these Centres in turn. Particulars as to attendances, &c., are recorded under the Section allotted to Maternity and Child Welfare.

**DAY NURSERY**—There is a voluntary Day Nursery with a maximum of 18 cots, for babies whose mothers are compelled to go out to work. The average number of cots occupied is 12 to 13. This is entirely supported by voluntary contributions and is approved by the Ministry of Health for a grant.

**SCHOOL CLINIC**—In September a second School Clinic was opened and very soon proved its necessity. There are now two School Clinics and two Dental Clinics.

During the year 32,618 attendances were made at these Clinics and 5,081 children treated at these Dental Clinics.

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ORTHOPÆDIC CLINIC.—The Isabella Greenhalgh Orthopaedic Institution has been in work throughout the whole of the year and a more detailed report is given on a later page.

### Authority.

The visiting Surgeon attends fortnightly and treatment by Ultra Violet Rays (local and general) Massage and Electrical Massage and Radiant Heat are also available. There is also an X-ray Apparatus which has been found of very considerable value in both treatment and diagnosis.

AMBULANCE FACILITIES—For Infectious Cases two Motor Ambulances are kept at the Infectious Diseases Hospital and a Horse Ambulance is kept for emergencies at the Disinfecting Station. As regards non-infectious cases the Police have three Motor Ambulances at the Central Fire Station and in addition work one belonging to the Infirmary, also kept at the Fire Station. These Ambulances are available for accidents or the removal of cases of illness at any time during the day or night, and no charge is made for use in such cases. They are very largely made use of. There are also two Ambulances at the Poor Law Hospital for cases requiring admission to this Hospital.

of the Assistant Medical Officer, who is resident at the Infectious Diseases Hospital and gives half-time to the work, one Nurse and Assistant at the Central Clinic, seven Health Visitors and a Girl Clerk.

The following is a list of the Midwives practising in the Borough at the close of the year. They number 40, which includes the six resident at the Maternity Home. Two only remain of those who were put on the Roll at the passing of the Midwives Act as being in practice at the time, and all but two of the remainder have passed the examination of the Midwives Board.



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## *Public Health Officers of the Local Authority.*

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The List of the Staff in the various branches of the Public Health Authority, together with their respective duties has been previously given.

The Inspectors Department has been short of two Inspectors during the whole of the year until December, resulting in a considerable reduction in the number of Inspections and other work. With the exception of a Typist and an Office Boy the number of the staff at the close of the year was the same as it was 20 years ago.

The Tuberculosis Department comprises one Assistant Tuberculosis Medical Officer, who is also Deputy Medical Officer of Health, one Clerk and one Nurse.

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## LIST OF MIDWIVES.

Name.	Address.	Number of Certificate	Date of Certificate.
Bailey, Annie .....	457, Ashton Road .....	49570	Nov. /19 (4)
Barratt, Bertha .....	60, Dunkerley Street ..	38797	Nov. 1/1913 (4)
Billington, Annie .....	21, Stoneleigh Street ...	33601	June 20/1911 (4)
Bracegirdle, Ellen ....	Lees Nursing Home ...	72595	Feb. /28 (4)
Carrier, Elizabeth .....	Greenacres Maternity Home	63821	Aug. 9/1924 (4)
Challinor, Elizabeth .....	26, Dickenson Street ...	480	Dec. 17/1903
Charity, Violet A. ....	Greenacres Maternity Home	67662	June 22/1925 (4)
Clegg, Kate.....	3, Featherstall Road S.	38861	Nov. 1913 (4)
Corless, Elizabeth Ellen..	177, Lee Street.....	10733	Dec. 22/1904 (1)
Costello, A.....	69, Oldham Rd., Royton	42668	June /1915 (4)
Cox, Sarah A. ....	56, Kirkham Street .....	3354	Mar. 24/1904 (1)
Dalton, Catherine .....	12, Charter Street.....	54723	Aug. 13/1921 (4)
Denton, Jane Ann .....	136, Needwood St., Queen's Rd.. M/c.	18831	April 27/1905 (4)
Earnshaw, Clara.....	Greenacres Maternity Home	74448	Nov. 14/1928 (4)
Eastwood, Annie .....	335, Greenacres Road ...	46434	Nov. 10/1917 (4)
Eccles, Leah D.....	49, Prince Albert Street	72684	Feb. 25/28 (4)
Entwistle, Alice .....	88, Manchester Road ...	70956	May /27 (4)
Fawley, Jemima.....	86, Brewerton Road ...	56308	Feb. 11/1922 (4)
Fitton, B. E. ....	29, Burnley Lane, Chadderton	56915	April 19/1922 (4)
Gaskell, Louisa .....	13, Duke St., Failsworth	36801	Oct. 28/1912 (4)
Hatch, Emma.....	245, Ashton Road W. Failsworth	40388	June 22/14 (4)
Hobday, Ethel .....	Greenacres Maternity Home	49239	Aug. 7/1919 (4)
Hill, Florence .....	331, Manchester Road...	36110	June 18/1912 (4)
Hirst, Selina .....	78, Featherstall Road N.	30202	Feb. 21/1910 (4)
Jenkinson, Mary Alice ...	29, Grasmere Road .....	48807	May 10/1919 (4)
Jones, Ann .....	199, Coalshaw Green Rd. Chadderton	38271	June 16/1913 (4)
Kershaw, Hilda .....	17, Kersley Street .....	54887	Aug. 13/1921 (4)
Markwell, Hilda.....	Greenacres Maternity Home	61452	Oct. 8/1923 (4)

# LIST OF MIDWIVES

Name	Address	Number of Certificates	Date of Expiration
Hayley, Annie .....	457, Ashton Road .....	49370	Nov. 1/19
Hawthorn, Martha .....	60, Duddley Street ..	38797	Nov. 1/1913 (4)
Hillington, Annie .....	21, Stoneleigh Street ..	33601	June 20/1911 (4)
Hingegirdle, Ellen .....	East Nethering House ..	72222	Feb. 1/18 (4)
Hooper, Elizabeth .....	Greenacres Maternity Home .....	68821	Aug. 8/1914 (4)
Howell, Elizabeth .....	26, Dickenson Street ..	480	Dec. 17/1903
Howell, Violet A. ....	Greenacres Maternity Home .....	67661	June 12/1912 (4)
Howell, Kate .....	2, Featherston Road S. ..	38861	Nov. 1913 (4)
Howell, Elizabeth Ellen ..	177, Lee Street .....	10733	Dec. 12/1904 (1)
Howell, A. ....	67, Oldham Rd., Roston ..	42668	June 1/1912 (4)
Howell, Sarah A. ....	26, Roston Street .....	3324	Mar. 24/1901 (1)
Howell, Catherine .....	12, Chatter Street .....	24723	Aug. 13/1911 (4)
Howell, Jane Ann .....	136, Newwood St., Queen's Rd., M.C. ..	18871	April 27/1902 (4)
Howell, Clara .....	Greenacres Maternity Home .....	74448	Nov. 14/1912 (4)
Howell, Annie .....	312, Greenacres Road ..	46434	Nov. 10/1917 (4)
Howell, Leah D. ....	48, Prince Albert Street ..	72624	Feb. 25/18 (4)
Howell, Alice .....	88, Manchester Road ..	70726	May 1/17 (4)
Howell, James .....	88, Brewerton Road .....	26208	Feb. 11/1911 (4)
Howell, S. K. ....	25, Burying Lane, Chadderton .....	26212	April 12/1911 (4)
Howell, L. Louisa .....	13, Dale St., Farnworth ..	76801	Oct. 28/1911 (4)
Howell, Emma .....	245, Ashton Road W. ..	40762	June 21/14 (4)
Howell, Ethel .....	Greenacres Maternity Home .....	40739	Aug. 7/1913 (4)
Howell, Florence .....	321, Manchester Road ..	36110	June 18/1911 (4)
Howell, Selina .....	78, Featherston Road N. ..	30201	Feb. 21/1910 (4)
Howell, Mary Alice .....	29, Greenacres Road .....	40807	May 20/1913 (4)
Howell, Ann .....	199, Colshaw Green Rd., Chadderton .....	76871	June 18/1913 (4)
Howell, Hilda .....	17, Keston Street .....	24707	Aug. 13/1911 (4)
Howell, Hilda .....	Greenacres Maternity Home .....	61421	Oct. 8/1913 (4)



## LIST OF MIDWIVES—CONTINUED.

Name.	Address.	Number of Certificate	Date of Certificate
Matley, Jane .....	Lees Nursing Assoc. ...	61136	Aug. 13/1923 (4)
Mayall, Sarah A. ....	2, Esther Street .....	53875	April 13/1921 (4)
McGrath, Margaret .....	7, Kempsey Street .....	59476	Feb. 10/1923 (4)
Reeves, Sarah Elizabeth.	176, Garforth Street..... Chadderton	41891	Feb. 20/1916 (4)
Rose, Edith Florence ...	Greenacres Maternity Home	72950	Feb. 25/1928 (4)
Rushworth, Edith .....	8, Carrington Street, Hollinwood.	75404	Feb. 23/1929 (4)
Shaw, Vera.....	720, Oldham Road, Bardsley...	64107	Aug. 9/1924 (4)
Stafford, Martha Ann ...	41, Walker Lane, Springhead...	46268	Aug. 11/1917 (4)
Trevitt, N. ....	364, Ripponden Road ...	59642	Feb. 10/1923 (4)
Whyatt, Hannah .....	6, Prince Albert Street...	11065	Dec. 22/1904
Wild Elizabeth .....	125, Coppice Street .....	36297	Aug. /11 (4)
Wilkinson, M. A. ....	1, Eden Street .....	62162	Dec. 12/23 (4)

(1) Holds the Certificate of St. Mary's Hospital, Manchester.

(4) Passed the Examination of the Central Midwives' Board.



## LIST OF MIDWIVES—Continued.

Name	Address	Number of Certificates	Date of Certificate
Miss, Jane	1, Carrington Avenue	6135	Aug. 1893 (4)
Miss, Sarah A.	2, Ketter Street	5372	April 1893 (4)
Miss, Mary	7, Kennedy Street	5976	Feb. 1893 (4)
Miss, Sarah Elizabeth	176, Grafton Street	4181	Feb. 1893 (4)
Miss, John Thomas	Greenwich Station	7250	Feb. 1893 (4)
Miss, John	8, Carrington Street	7248	Feb. 1893 (4)
Miss, John	Holloway	6407	Aug. 1893 (4)
Miss, Mary Ann	41, Walter Lane	4682	Aug. 1893 (4)
Miss, N.	164, Rippon Road	5451	Feb. 1893 (4)
Miss, Elizabeth	8, Prince Albert Street	1106	Dec. 1893 (4)
Miss, Elizabeth	121, Copple Street	5607	Aug. 1893 (4)
Miss, M. A.	1, Eden Street	6012	Dec. 1893 (4)

(7) Holds the Certificate of St. Mary's Hospital, Manchester.  
 (8) Passed the Examination of the Central Midwives Board.

## LEGISLATION IN FORCE.

There are several local Acts of Parliament in force most of which contains Sanitary Enactments.

Parts II., III., and IV., of the Public Health Acts (Amendment Act, 1890) have been adopted ; and also the Notification of Births Act.

There are Bye-laws for—

- New Streets and Buildings.
- Slaughter Houses.
- Common Lodging Houses.
- Houses-Let-in Lodgings.
- Cowsheds, Dairies and Milk Shops.
- Tripe Boilers and Offensive Trades.
- Public Baths.
- Tents, Vans, Sheds, &c.
- The Prevention of Spitting, &c.

The new Bye-laws for Slaughter Houses came into force during the year and are practically the Model Bye-laws and include the Bye-law compelling the use of the humane killer for all animals except sheep.

The Bye-laws relating to Houses-Let-in-Lodgings require some amendments and are under consideration.

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The Bye-laws relating to Houses-let in Lodgings require some amendments and are under consideration.



## *Sanitary Circumstances of the District.*

### WATER SUPPLY.

The Water Engineer (Mr. C. J. Batley) has kindly supplied the following statistics of the Service during the year.

#### Average daily consumption of water

in the supply area for year	1920	5,768,824 galls.
Do. do.	1921	5,287,085 „
Do. do.	1922	5,526,203 „
Do. do.	1923	5,936,641 „
Do. do.	1924	6,350,203 „
Do. do.	1925	6,457,076 „
Do. do.	1926	6,568,994 „
Do. do.	1927	6,651,754 „
Do. do.	1928	7,033,203 „
Do. do.	1929	6,772,959 „

#### Daily quantity of compensation water,

1929	...	...	...	...	3,079,288 „
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Estimated population supplied in 1929 237,575

#### Area of Gathering Ground of Old

Works	...	...	...	...	5,708 acres
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Total storage capacity of all reservoirs 2,538,500,000 galls.

Available for the domestic supply 1,829,106,330 „

#### Amount of water in reservoirs at

close of year	...	...	...	2,499,432,000 „
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At the close of the year the reservoirs contained about  $34\frac{3}{4}$  weeks' supply.

The average amount of water used per head per day of the above population is about 28.51 gallons.

## Sanitary Circumstances of the District.

## WATER SUPPLY.

The Water Engineer (Mr. C. J. Hatley) has kindly supplied the following statistics of the Service during the year.

Average daily consumption of water		in the supply area for year	
1920	5,768,824	1920	5,768,824
1921	5,287,085	1921	5,287,085
1922	5,620,203	1922	5,620,203
1923	5,226,641	1923	5,226,641
1924	6,350,203	1924	6,350,203
1925	6,457,076	1925	6,457,076
1926	6,568,934	1926	6,568,934
1927	6,651,754	1927	6,651,754
1928	7,032,203	1928	7,032,203
1929	6,772,252	1929	6,772,252
Daily quantity of compensation water		1929	
1929	2,072,288	1929	2,072,288
Estimated population supplied in 1929		227,575	
Area of Gathering Ground of Old Works		5,708 acres	
Total storage capacity of all reservoirs		2,532,500,000	
Available for the domestic supply		1,829,100,000	
Amount of water in reservoirs at close of year		2,439,432,000	
At the close of the year the reservoirs contained about		2½ weeks' supply.	
The average amount of water used per head per day of		the above population is about 28.51 gallons.	



NEW RESERVOIRS (Oldham)—White Holme and Blackstone Edge.

These Reservoirs were formally opened on September 25th, 1929, and the following figures give details of their capacity. The water obtained from this source is chemically treated and mechanically filtered before being distributed for use.

Area of Gathering Ground, 1,645½ acres.

Area of Reservoirs, 157 acres.

Capacity of Reservoirs (Storage) 547,800,000 gallons.

Amount available for Domestic Supply, 465,106,330 gallons.

Estimated daily supply available for Domestic use, 2,124,167 gallons.

The Total Capacity of Storage of Water for domestic use in all Reservoirs now amounts to 1,829,106,330 gallons.

There was no shortage of water during this year and, without the new reservoirs the contents of which could have been brought into use at short notice, the town had never less than nine or ten weeks supply available.

### DRAINAGE AND SEWERAGE.

With the exception of a few outlying farms all the inhabited area of the town is connected with the sewerage system and the sewage is conveyed to the sewage works for treatment.

### SEWAGE WORKS.

At the Sewage Works a considerable amount of work has been done in renewing, improving and re-constructing the older Filter Beds.



New Reservoirs (Oldham)—White House and Black-  
stone Edges.

These Reservoirs were formally opened on September 24th, 1922, and the following figures give details of their capacity. The water obtained from this source is chemically treated and mechanically filtered before being distributed for use.

Area of Gathering Ground, 1,645½ acres.

Area of Reservoirs, 15½ acres.

Capacity of Reservoirs (Storage) 547,500,000 gallons.

Amount available for Domestic Supply, 465,106,230 gallons.

Estimated daily supply available for Domestic use, 2,124,167 gallons.

The Total Capacity of Storage of Water for domestic use in all Reservoirs now amounts to 1,822,106,230 gallons.

There was no shortage of water during this year and without the new reservoirs the contents of which could have been brought into use at short notice, the town had never less than nine or ten weeks supply available.

## DRAINAGE AND SEWERAGE

With the exception of a few outlying farms all the inhabited area of the town is connected with the sewerage system and the sewage is conveyed to the sewage works for treatment.

## SEWAGE WORKS

At the Sewage Works a considerable amount of work has been done in renewing, improving and re-constructing the older filter beds.

Very considerable damage was done to the Sprinkler Filters by the very severe frost which will cost some thousands of pounds to put right. Some of these filters were almost one block of ice, and the bricks and concrete carriers were broken up by the frost.

The new Detritus Tanks, Sludge Lagoons and Storm Tanks are in process of construction.

The Daily Dry Weather flow is now ascertained to be a little over  $4\frac{1}{2}$  million gallons.

The following is the average of the Analyses during the year in grain per gallon :—

	Sewage	Tank Effluent	Final Effluent
Oxygen absorbed four hours	3·89	3·09	0·97
Free Ammonia ... ..	2·69	2·56	0·49
Albuminoid Ammonia ...	0·57	0·44	0·18
Chlorine ... ..	7·3	7·4	7·4
Nitrates as $\text{NH}_3$ ... ..	—	—	0·70
Suspended Matter, Mineral	—	—	1·37
Do. Volatile	—	—	2·27
Do. Total	—	—	3·64

Percentage of Purification—Sewage to Final ...75

Do. —Tanks to Final ...68 $\frac{2}{3}$

123 Samples of Final Effluent were incubated, and of these 122 remained good and one showed some signs of putrefaction. The average amount of suspended matter was 3·64 grains per gallon compared with 3·79 in the previous year.

## CLOSET ACCOMMODATION AND SCAVENGING.

The work of converting the pan closets to water closets has proceeded very slowly, mainly owing to financial conditions.

Very considerable damage was done to the Spirit level  
by the very severe frost which will cost some  
thousands of pounds to put right. Some of these filters  
were almost one block of ice, and the bricks and concrete  
curtains were broken up by the frost.

The new Belcher Tanks, Sludge Lagoons and Storm  
Tanks are in process of construction.

The Daily Dry Weather flow is now ascertained to be  
a little over 4 million gallons.

The following is the average of the Analyses during  
the year in grains per gallon:—

Analysis	Yearly Average	Final Effluent
Oxygen absorbed four hours	3.83	0.97
Free Ammonia	2.83	0.49
Alkaloid Ammonia	0.57	0.18
Chlorine	7.3	7.4
Nitrogen as NH <sub>3</sub>	—	0.79
Suspended Matter, Mineral	—	1.37
Do. Volatile	—	2.37
Do. Total	—	3.74

Percentage of Purification—Sewage to Final ... 75  
Do. — Tanks to Final ... 88

123 Samples of Final Effluent were incubated, and of  
these 122 remained good and one showed some signs of  
putrefaction. The average amount of suspended matter  
was 3.64 grains per gallon compared with 3.75 in the  
previous year.

## GHOST ACCOMMODATION AND SCAVENGING.

The work of converting the old chests to water closets  
has proceeded very slowly, mainly owing to financial  
difficulties.



There has been a decrease of 18 sanitary pans and a decrease of 95 in the number of waste water closets.

The number of clean water closets has increased by 220. This is due to the number of new houses.

The following table indicates the number of the various Sanitary Conveniences in the Borough at the close of each of the last five years :—

	1925	1926	1927	1928	1929
Number of Ashpits in the Borough .....	252	3	none	none	none
„ Ashcans „ .....	33043	33789	34151	34585	34862
„ Sanitary Pans „ .....	1842	1822	1889	1885	1867
„ Water Closets „ .....	8540	8566	9448	10015	10235
„ Waste-water Closets in the Borough .....	24799	24803	24780	24778	24638
„ Latrines (Clean Water) in the Borough .....	2953	2953	2953	2953	2930

The Superintendent of the Cleansing Department has supplied me with the following particulars of the work done in relieving blocked Closets.

## WATER CARRIAGE DEPARTMENT.

### REPORT OF WORK DONE FOR THE YEAR ENDED DECEMBER, 1929.

	W.W.C's	W.C's	Latrines	TOTAL
No. of Blockages cleared ...	6194	76	83	6353
No. of Drains cleared ...	—	—	—	261
Drains found blocked, requiring excavating ...	—	—	—	338
Tippers found not working and re-adjusted ...	—	—	—	102
Tippers, Fittings, &c., found broken ...	—	—	—	883
New Tipplers, Fittings, &c., fixed	—	—	—	952
Visits paid Flushing Latrines, &c.	—	—	—	10538

There has been a decrease of 18 sanitary pans and a decrease of 33 in the number of waste water closets. The number of clean water closets has increased by 230. This is due to the number of new houses.

The following table indicates the number of the various Sanitary Conveniences in the Borough at the close of each of the last five years:—

1935	1934	1933	1932	1931	1930
Number of Asphalts in the Borough	237	237	237	237	237
Sanitary Pans	1812	1812	1812	1812	1812
Water Closets	3540	3540	3540	3540	3540
Waste-water Closets in the Borough	2473	2473	2473	2473	2473
Latrine (Open Water) in the Borough	2023	2023	2023	2023	2023

The Superintendent of the Cleansing Department has supplied me with the following particulars of the work done in relieving blocked Closets.

# WATER CARRIAGE DEPARTMENT Report of Work Done for the Year Ended December 1935

No. of Blockages cleared	No. of Drains cleared	Drains found blocked, requiring excavating	Tipper found not working and re-adjusted	Tipper, fittings, &c., found broken	New Tipper, fittings, &c., fixed	Visits paid flushing latrines, &c.
5151	78	83	103	383	93	16535

## SCAVENGING.

This is entirely carried out by the Carrying and Cleansing Department of the Corporation with their own Staff of Men, Horses, Appliances, &c., and is most efficiently dealt with. The streets are generally kept as clean, if not cleaner, than any other industrial town and at night are exceptionally well lighted.

## REFUSE.

There are three Destructors in the Town :

1 Rhodes Bank ; 2 Robin Hill ; 3 Hollinwood.

The Clinker is used for (1) constructing Filter Beds at the Sewage Works ; (2) for Mortar Making ; (3) for the manufacture of Paving Flags, and the waste steam is used for working machinery and for heating the water at one of the public baths



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## *Sanitary Inspection of the Area.*

The following is the Report of the Chief Sanitary Inspector, and in table 25 and subsequent ones are summarised the number of Visits, Inspections, Notices served and other details of the work of the Sanitary Inspectors' Department.

March 3rd, 1930.

### REPORT OF THE CHIEF INSPECTOR FOR THE YEAR, 1929.

TO THE MEDICAL OFFICER OF HEALTH.

SIR,

In presenting my Report of the work of your staff of Inspectors for the past year, I am sorry to state that it is about the worst report I have made. Owing to a depletion in the staff and a great amount of Infectious Disease the work on the Districts has been very much curtailed. The purchasing of Samples, number of houses inspected, and the number of observations of mill chimneys are very much below what they ought to be. However, the staff is now at full strength and will without doubt show a better result a year hence.

**Contagious Diseases of Animals**—We had no outbreak of Contagious Diseases during the year except those mentioned under Dairies and Cowsheds.

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Contagious Diseases of Animals—We had no outbreak of Contagious Diseases during the year except those mentioned under Dairies and Cowsheeds.



**Food Inspection**—The visits to premises where food is prepared or deposited for sale, numbered 17,583. As a result of these visits, over 28 tons of diseased or unsound food was destroyed. In no case was a seizure made, the whole being surrendered by the vendors. During the year 288 cases of Tuberculosis in Animals were reported, in addition 245 cases were found, making a total of 533 cases, of these 401 occurred in cattle and 132 in swine.

**Slaughterhouses**—We began the year with 34 Slaughterhouses on the register. During the year one Slaughterhouse was lapsed.

**Dairies and Cowsheds**—A thorough inspection of these premises has been made during the year. Every cow found on the premises at the time of inspection was examined, but none showing signs of Tuberculosis were found. Four cases of Tuberculosis in Cows were reported and afterwards slaughtered under the provisions of the Tuberculosis Order, 1925, when three were found to be affected with Generalised Tuberculosis, and one with Localised Tuberculosis. Those effected with Generalised Tuberculosis were destroyed and a portion of the one affected with Localised Tuberculosis was sold for human food. Compensation was paid to the farmers to the amount of £31/10/-, of this we were entitled to 75% from the Government, viz. : £23/12/6 which together with £4/4/- received for salvage makes a total of £27/16/6.

**Samples of Food and Drugs**—During the year 61 samples were obtained under the Food and Drugs Acts, and five samples were obtained informally, making a total of 66 samples, all of which were submitted to the Borough Analyst. A decrease of 96 samples when compared with the previous year.

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**Samples of Food and Drugs**—During the year 31 samples were obtained under the Food and Drugs Act, and five samples were obtained informally, making a total of 36 samples, all of which were submitted to the thorough analysis. A decrease of 96 samples when compared with the previous year.



**Smoke Inspection** — During the year 518 observations were made. In one case the limit was exceeded and in nine cases it was approached and reported to the Medical Officer of Health. The case where the limit had been exceeded was reported to the Health Committee, who administered a caution to the offender.

**Inspection of Nuisances**—During the year 2721 notices were served for the abatement of nuisances, of these 2459 were remedied during the year. In connection with these nuisances 12555 re-visits were paid during the year.

**Closet Accommodation** — During the year 97 additional Closets were provided for houses, and nine additional Closets for workshops.

**House Inspection** — During the year 894 houses were inspected under the Housing Acts and 1706 houses under the Public Health Acts, a total of 2600 houses. A notice to cleanse was served on 53 occupiers, all of which were complied with before the end of the year. The number of houses found defective amounted to 627 under the Housing Act 1925; and 415 under the Public Health Acts; a total of 1042 houses defective, of these 1034 were repaired during the year. During the year 33 notices were served for overcrowding, 27 of which were complied with before the end of the year.

**Houses Let-in-Lodgings**—During the year 5098 visits were paid, resulting in the serving of 30 notices to cleanse, 96 notices to repair, 21 notices for overcrowding, 5 notices for the separation of sexes, and 3 notices for failing to register, a total of 155 notices. During the year 135 were complied with. Ten houses containing 71 rooms have been added to the register during the year, and 10 houses containing 26 rooms have been struck off the register.



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Houses Let in Lodgings—During the year 5093 visits were paid, resulting in the serving of 30 notices to cleanse, 96 notices to repair, 21 notices for overcrowding, 5 notices for the separation of sexes, and 3 notices for failing to register, a total of 155 notices. During the year 125 were complied with. Ten houses containing 71 rooms have been added to the register during the year, and 10 houses containing 26 rooms have been struck off the register.

**Infectious Diseases**—The number of visits paid amounted to 1490, an increase of 277 as compared with the previous year. In addition 79 visits were paid to cases of Consumption, for the purpose of arranging for disinfection.

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

I beg to remain,

Yours faithfully,

GEORGE WINTERBOTTOM,

Chief Sanitary Inspector.

Infants Diseases—The number of visits paid amounted to 1,100, an increase of 377 as compared with the previous year. In addition 79 visits were paid to cases of Consumption for the purpose of arranging for disinfection.

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

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Yours faithfully,

GEORGE WINTERBOTTOM

Chief Sanitary Inspector



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

### LODGING HOUSES.

Three classes of Houses may be included under this heading.

1. Common Lodging Houses.
2. Houses let as lodgings (weekly lodgers).
3. Furnished rooms.

1. **Common Lodging Houses**—These premises are under the control of the Police, and regularly inspected by a Special Member of the force. The following are particulars of the accommodation, which shows no alteration from the previous year:—

Total number of Lodging Houses	...	...	11
Total Nightly Accommodation...	...	...	809
Total Accommodation reserved for Females	...	...	73
No. of Lodging Houses receiving Women only.			2

2. **Houses Let-in-Lodgings**—These differ little from the Common Lodging House except that the occupants are weekly lodgers, many of whom reside in the same home for years. Bye-laws for them are in force and they are all inspected at least once a month and are generally kept in conformity with the Bye-laws.

3. **Furnished Rooms**—These also come under the above Bye-laws and are all visited at least once a month by a Sanitary Inspector. Their condition varies very considerably, many are kept perfectly clean but others require constant supervision.

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

## LODGING HOUSES

Three classes of Houses may be included under this heading.

1. Common Lodging Houses.
2. Houses let as lodgings (weekly lodgers).
3. Furnished rooms.

1. Common Lodging Houses—These premises are under the control of the Police, and regularly inspected by a Special Member of the force. The following are particulars of the accommodation, which shows no alteration from the previous year:

Total number of Lodging Houses	11
Total Weekly Accommodation	809
Total Accommodation reserved for Females	73
No. of Lodging Houses receiving Women only	2

2. Houses let as lodgings—These differ little from the Common Lodging House except that the occupants are weekly lodgers, many of whom reside in the same house for years. Bye-laws for them are in force and they are all inspected at least once a month and are generally kept in conformity with the Bye-laws.

3. Furnished Rooms—These also come under the above Bye-laws and are all visited at least once a month by a Sanitary Inspector. Their condition varies very considerably, many are kept perfectly clean but others require constant supervision.



Statistics relating to both the above premises will be found in the Inspector's report on a later page.

Some of the larger houses in good neighbourhoods have been converted into furnished rooms to the detriment of the surrounding property.

The trade of letting these furnished rooms is a very profitable and in many instances a profiteering one. The rents are usually payable in advance so that there are no bad debts and the rents are high, varying from 8/- to 15/- for a single room and use of a kitchen. In spite of the houses built by the Corporation and others the number of furnished rooms has increased by 45 during the year.

### OFFENSIVE TRADES.

The following is a list of these trades in the Borough. All of them are regularly inspected. They are mostly small businesses. The number is the same as in the previous year with the exception of one fewer Marine Stores.

OFFENSIVE TRADES.					1928.	1929.
Tripe Boilers	...	..	...	...	7	7
Marine Stores	...	...	...	...	12	11
Grease Works	...	...	...	...	4	4
Gut Scrapers	...	...	...	...	2	2
Hide and Skin Depots	...	...	...	...	2	2
Chemical Works	...	...	...	...	1	1
					—	—
					28	27

### SMOKE ABATEMENT.

The number of smoke observations taken during the year was only 518. This is less than half the number taken in previous years due to there being only four inspectors instead of the usual number of six. The observations are taken by the District Inspectors and not by a trained Smoke Inspector.



Statistics relating to both the above premises will be found in the Inspector's report on a later page.

Some of the larger houses in good neighbourhoods have been converted into furnished rooms to the detriment of the surrounding property.

The trade of letting these furnished rooms is a very profitable and in many instances a profitable one. The rents are usually payable in advance so that there are no bad debts and the rents are high, varying from 8/- to 15/- for a single room and use of a kitchen. In spite of the houses built by the Corporation and others the number of furnished rooms has increased by 45 during the year.

### OFFENSIVE TRADES

The following is a list of these trades in the Borough. All of them are regularly inspected. They are mostly small businesses. The number is the same as in the previous year with the exception of one fewer Marine Stores.

OFFENSIVE TRADES				
	1928	1927		
Tyre Boilers	7	7	...	...
Marine Stores	12	11	...	...
Grease Works	4	4	...	...
Gun Scrapers	2	2	...	...
Hide and Skin Depots	2	2	...	...
Chemical Works	1	1	...	...
	28	27		

### SMOKE ABATEMENT

The number of smoke observations taken during the year was only 518. This is less than half the number taken in previous years due to there being only four inspectors instead of the usual number of six. The observations are taken by the District Inspectors and not by a trained Smoke Inspector.

In only one observation did the black smoke emitted exceed the limit. The Firm appeared before the Committee and giving a reasonable excuse were cautioned.

## FACTORIES AND WORKSHOPS.

**Factories**—The Inspection of Factories is confined to :—

1. The Mill Reservoirs.
2. Smoke observations.
3. The provision of efficient fire escapes.
4. The removal of nuisances complained of or reported by the Factory Inspectors.

**Workshops**—With regard to the Workshops, these are regularly visited.

359 Visits were paid to these premises during the year and 18 Notices were served for defects 13 of which were complied with before the close of the year. Particulars of these defects are to be found in Table 25.

At the close of the year there were 479 workshops on the Register. This number shows a decrease of 17 from the previous year.

## THEATRES, &c.

The Sanitary conveniences of the various Theatres, etc., are regularly visited. It is seldom that any defect is found.

In only one observation did the black smoke emitted exceed the limit. The Firm appeared before the Committee and giving a reasonable excuse were cautioned.

## FACTORIES AND WORKSHOPS.

Factories—The inspection of factories is confined to:

1. The Mill Reservoirs.
2. Smoke observations.
3. The provision of efficient fire escapes.
4. The removal of nuisances complained of or reported by the Factory Inspectors.

Workshops—With regard to the Workshops, these are regularly visited.

333 Visits were paid to these premises during the year and 18 Notices were served for defects 13 of which were complied with before the close of the year. Particulars of these defects are to be found in Table 25.

At the close of the year there were 479 workshops on the Register. This number shows a decrease of 17 from the previous year.

## THEATRES, &c.

The Sanitary conveniences of the various Theatres, &c., are regularly visited. It is seldom that any defect is found.



The following is a list of the Workshops registered :—

Bakers...	14	Laundries .....	11
Blacksmiths .....	3	Machine Brokers .....	3
Blind Manufacturers.....	1	Mantle Makers .....	7
Bookbinders .....	3	Marine Stores .....	3
Bottlers (Beer) .....	4	Milliners .....	37
Brass Founders.....	1	Mineral Water Manufacturers	2
Brush Makers .....	1	Pattern Makers.....	4
Cabinet Makers.....	3	Picture Framers .....	3
Carriage Builders .....	1	Plumbers .....	8
Cartsheet Manufacturers .....	2	Printers .....	3
Cloggers .....	59	Restaurants .....	4
Coffin Makers .....	3	Roller Coverers .....	3
Coopers .....	1	Rope Makers .....	1
Cotton Waste Dealers .....	26	Saddlers .....	5
Curriers .....	3	Saw Cutters .....	2
Cycle Makers and Motor Engineers .....	13	Scale Makers.....	3
Dentists .....	4	Shirt Makers .....	1
Drapers (Underwear and Skirts) .....	1	Shoe Makers .....	57
Dress Makers.....	20	Skewer Makers .....	1
Dyers .....	1	Skip Makers .....	5
Drysalters (Chemists) .....	2	Sugar Boilers.....	2
Electricians .....	6	Tailors.....	33
Electro-Platers .....	1	Tile Fitters .....	4
Firewood Manufacturers .....	2	Tinsmiths .....	15
French Polishers .....	1	Umbrella Manufacturers .....	1
Heating Apparatus Manufac- turers .....	1	Upholsterers .....	5
Horse-hair Draughter .....	1	Watch Makers .....	4
Hosiery & Stocking Knitters	4	Wire Workers .....	1
Ice Cream Manufacturers ...	4	Wheelwrights.....	6
Iron Founders .....	2	Wringing Machine Manufac- turers .....	1
Joiners .....	9	Sundry Trades .....	27

The following is a list of the Workshops registered:—

37	Sandwich Teachers	3	Joiners
1	Turners	2	Iron Foundries
1	Wagoning Machine Menders	2	Ice Cream Manufacturers
6	Woolwrights	1	Flour & Stocking Knitters
1	Wire Workers	1	House-hair Dressing
4	Wrench Makers	1	House-hair Dressing
5	Upholsterers	1	House-hair Dressing
1	Embroiderers	1	House-hair Dressing
1	Embroiderers	1	House-hair Dressing
15	Trimmers	2	House-hair Dressing
4	The Fillets	1	House-hair Dressing
22	Tailors	6	House-hair Dressing
2	Boys' Jackets	2	House-hair Dressing
5	Ship Makers	1	House-hair Dressing
1	Shower Makers	1	House-hair Dressing
27	Shoe Makers	20	House-hair Dressing
1	Print Makers	1	House-hair Dressing
3	Scale Makers	1	House-hair Dressing
7	Saw Cottons	1	House-hair Dressing
5	Saddlers	1	House-hair Dressing
1	Hope Makers	1	House-hair Dressing
2	Roller Covers	1	House-hair Dressing
4	Restaurants	1	House-hair Dressing
2	Printers	1	House-hair Dressing
9	Phonographs	1	House-hair Dressing
2	Picture Framers	1	House-hair Dressing
4	Pattern Makers	1	House-hair Dressing
2	Mineral Water Manufacturers	1	House-hair Dressing
27	Milliners	4	House-hair Dressing
3	Machine Stoves	3	House-hair Dressing
7	Machine Makers	1	House-hair Dressing
2	Machine Brokers	2	House-hair Dressing
11	Lawyers	14	House-hair Dressing



## SCHOOLS.

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

The Schools are—

- (a) 38 Elementary Schools.
- (b) A Municipal Secondary School.
- (c) 4 Central Schools.
- (d) 1 School for Mentally Defective Children.
- (e) 1 School for Physically Defective Children.
- (f) 1 School for the Blind.
- (g) 1 School for the Deaf.
- h) 1 Open Air Residential School for Pre-Tubercular Girls.
- (i) A large Grammar School for Boys and for Girls.
- (j) Several Small Preparatory and Private Schools.

## SUMMARY OF HOUSING INSPECTION FOR THE YEAR 1929.

Name of Local Authority—OLDHAM COUNTY BOROUGH.

### HOUSING CONDITIONS

Year ended 31st December, 1929.

### GENERAL STATISTICS.

Area (Acres) 4,735.

Population Census 1921, 148,300 ; 1929, 142,500.

Number of inhabited houses (1921) 34,781.

Number of families or separate occupiers (1921) 34,755.

Rateable Value, £715,270 (April 1st, 1930.)

Sum represented by a penny rate. £2,675.



SCHOOLS.

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

The Schools are—

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- (i) A large Grammar School for Boys and for Girls.
- (j) Several Small Preparatory and Private Schools.

SUMMARY OF HOUSING INSPECTION  
FOR THE YEAR 1932.

Name of Local Authority—OLDHAM COUNTY BOROUGH.

HOUSING CONDITIONS  
Year ended 31st December, 1932.

GENERAL STATISTICS

Area (Acres) 4,735.  
Population Census 1931, 148,300; 1929, 142,500.  
Number of inhabited houses (1931) 34,781.  
Number of families or separate occupiers (1931) 34,735.  
Rateable Value, £715,370 (April 1st, 1930).  
Rent represented by a penny rate £2,675.

## HOUSING.

Number of new houses erected during the year :—

(a) Total, including numbers given separately under  
(b) 447.

(b) With State assistance under the Housing Acts:

(i) By the Local Authority, 200.

(ii) By other bodies or persons, 179.

### 1—Unfit Dwelling Houses.

INSPECTION—(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts), 2,600.

(2) Number of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations 1910, or the Housing Consolidated Regulations 1925, 894.

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation, 231.

(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation, 1042.

### 2—Remedy of defects without service of formal Notices.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers 275.

## HOUSING.

Number of new houses erected during the year:—  
 (a) Total, including numbers given separately under  
 (b) 417.

- (b) With State assistance under the Housing Acts:  
 (i) By the Local Authority, 200.  
 (ii) By other bodies or persons, 179.

## 1.—Unfit Dwelling Houses.

Inspector:—(1) Total number of dwelling houses in  
 respect for housing defects (under Public Health  
 or Housing Acts), 2,600.

(2) Number of dwelling houses which were inspected  
 and recorded under the Housing (Inspection of  
 District) Regulations 1916, or the Housing Con-  
 solidated Regulations 1925, 694.

(3) Number of dwelling houses found to be in a state so  
 dangerous or injurious to health as to be unfit for  
 human habitation, 231.

(4) Number of dwelling houses (exclusive of those re-  
 ferred to under the preceding sub-head) found not  
 to be in all respects reasonably fit for human  
 habitation, 1,012.

2.—Remedy of defects without service of formal  
 Notices.

Number of defective dwelling houses rendered fit in  
 consequence of informal action by the Local  
 Authority or their Officers 275.



### 3—Action under Statutory Powers.

#### (a) PROCEEDINGS UNDER SECTION 3 OF THE HOUSING ACT, 1925.

(1) Number of dwelling houses in respect of which notices were served requiring repairs, 627.

(2) Number of dwelling houses which were rendered fit after service of formal notices, 622.

(a) by owners 621.

(b) by Local Authority in default of owners, 1.

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

#### (b) PROCEEDINGS UNDER PUBLIC HEALTH ACTS.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 415.

(2) Number of dwelling houses in which defects were remedied after service of formal notices, 412.

(a) by owners, 410.

(b) by Local Authority in default of owners, 2.

#### (c) PROCEEDINGS UNDER SECTIONS 11, 14, AND 15 OF THE HOUSING ACT, 1925.

(1) Number of representations made with a view to the making of Closing Orders, 1.

(2) Number of dwelling houses in respect of which Closing Orders were made, 1.

## 3--Action under Statutory Powers.

(a) Proceedings under Section 3 of the Housing Act, 1925.

(1) Number of dwelling houses in respect of which notices were served requiring repairs, 627.

(2) Number of dwelling houses which were rendered fit after service of formal notices, 622.

(a) by owners, 621.

(b) by Local Authority in default of owners, 1.

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

(b) Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied, 415.

(2) Number of dwelling houses in which defects were remedied after service of formal notices, 412.

(a) by owners, 410.

(b) by Local Authority in default of owners, 2.

(c) Proceedings under Sections 11, 14, and 15 of

the Housing Act, 1925.

(1) Number of representations made with a view to the making of Closing Orders, 1.

(2) Number of dwelling houses in respect of which Closing Orders were made, 1.

- (3) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit, Nil.
- (4) Number of dwelling houses in respect of which Demolition Orders were made, 1.
- (5) Number of dwelling houses demolished in pursuance of Demolition Orders, 1.

**Unhealthy Area.**—The Smethurst Street Unhealthy Area for which a Scheme was approved after a Public Enquiry in March, 1924, has been dealt with. The houses have been demolished in the area but it is not yet cleared of debris.

The majority of the tenants who have been removed to the new housing site keep their houses in a fair condition. The rents in many instances are considerably in arrears and a considerable sum is owing to the Corporation.

Except for the frontage of this area the use to which the cleared site will be put has not yet been decided upon.

Owing to the De-rating the rateable value has decreased £167,457 and the value of 1d. rate £511.



(3) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit.

(4) Number of dwelling houses in respect of which Demolition Orders were made.

(5) Number of dwelling houses demolished in pursuance of Demolition Orders.

**Unhealthy Area.**—The Sanitary District Unhealthy Area for which a Scheme was approved after a Public Inquiry in March, 1934, has been dealt with. The houses have been demolished in the area but it is not yet cleared of debris.

The majority of the tenants who have been removed to the new housing site keep their houses in a fair condition. The rents in many instances are considerably in arrears and a considerable sum is owing to the Corporation.

Except for the frontage of this area the use to which the cleared site will be put has not yet been decided upon.

Owing to the low rating the rateable value has decreased from £167,437 and the value of 1d rate £311.

The following houses were voluntarily closed :—

### HOUSES VOLUNTARILY CLOSED.

Total Number Closed.	NATURE OF HOUSE.			REASON FOR CLOSING.
	Through	Single.	Back to Back	
1	1	—	—	Pulled down for new premises
4	2	—	2	Pulled down for tip.
5	5	—	—	Pulled down for extension to Theatre.

### HOUSES CLOSED BY LOCAL AUTHORITY.

No. R'port'd	No. of Houses Closed		No. Ad- journd	Plans to be Sub- mitted	No. De- mol'shed	Houses Demolished	
	By L.A.	By Owner				By Owner	By L.A.
231	231	—	—	—	231	—	231

The houses were the dwellings in the Insanitary Area above referred to.

### CLASS OF HOUSES CLOSED.

No. Closed	Through	Single	Under Dwellings
231	160	71	—

# HOUSES VOLUNTARILY CLOSED

The following houses were voluntarily closed:

Total Number Closed	Nature of House			Reason for Closing
	Through	Single	Back to Back	
1	1	—	—	Pulled down for new premises
4	3	—	1	Pulled down for ship
5	5	—	—	Pulled down for extension to Theatre

## HOUSES CLOSED BY LOCAL AUTHORITY

No. Reported	No. of Houses Closed		No. Ad- mitted	No. to Be Closed	Houses Excluded	
	By L.A.	By Owner			By Owner	By L.A.
231	231	—	—	—	—	231

The houses were the dwellings in the Insanitary Area  
above referred to.

## CLASS OF HOUSES CLOSED

No. Closed	Through	Single	Under Dwellings
231	160	71	—



The following table gives a summary of the houses inspected, and the conditions found during the past 10 years, with a summary for that period:—

NUMBER OF HOUSES INSPECTED (HOUSE TO HOUSE).

	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Total
No. of Houses..	4098	6164	4926	4210	5207	4984	3519	6214	5869	2600	47791
Overcrowded ...	25	4	12	2	2	16	11	21	46	33	172
Structurally Defective ...	527	703	854	365	1977	2226	2023	2456	1773	1042	13946
Dirty Houses ..	92	88	110	81	104	79	43	76	86	53	812
Defective Roofs	273	438	435	400	759	586	440	662	819	544	5356
Percentage of Defective Houses	13	11.4	17.3	7.4	37.9	44.6	55.3	39.52	30.2	40.07	29.2
Percentage of Dirty Houses	2.2	1.4	2.23	1.92	2.7	1.58	1.22	1.06	1.46	2.3	1.7
No. of Notices..	843	1208	1471	857	1298	1107	817	1358	1508	1016	11483
Served.....											

Owing to the Inspectors being 4 instead of 6 the greater portion of the year the number of Inspections has been reduced by more than one half the average of previous years.





## *Inspection and Supervision of Food.*

(A). **Milk Supply**—There are very few dairy farms within the Borough, the total number being 35, the same as in the previous year. The number of Cowsheds at these farms was 70, but five new ones have been registered during the year, increasing the total number to 75.

The Inspectors visited these premises 224 times during the year. No defects were found.

(B). **Meat Supply**—There are 33 Slaughter Houses on the Register, a decrease of one during the year. 5204 visits have been paid to them for the Inspection of Meat, &c. It was only necessary to serve 1 Notice for defects.

### SALE OF FOOD AND DRUGS ACT.

The number of samples of different kinds of food purchased under the Food and Drugs Act is tabulated below.

NUMBER OF SAMPLES PURCHASED FOR ANALYSIS UNDER  
THE FOOD AND DRUGS ACT.

Informal Samples	Formal Samples	Description of Sample	Genuine	Not Genuine	Summoned before Magistrates	Cautioned by Committee
—	4	Rice ... ..	4	—	—	—
—	1	Butter ... ..	1	—	—	—
—	3	Coffee ... ..	3	—	—	—
5	47	Milk ... ..	48	2	1	1
—	1	Pearl Barley ... ..	1	—	—	—
—	3	Pepper ... ..	3	—	—	—
—	1	Lard ... ..	1	—	—	—
—	1	Sago ... ..	1	—	—	—
5	61		62	2	1	1



# Inspection and Supervision of Food.

(A) Milk Supply—There are very few dairy farms within the Borough, the total number being 35, the same as in the previous year. The number of Cowsheeds at these farms was 70, but five new ones have been registered during the year, increasing the total number to 75.

The Inspectors visited these premises 224 times during the year. No defects were found.

(B) Meat Supply—There are 33 Slaughter Houses on the Register, a decrease of one during the year. 2304 visits have been paid to them for the inspection of Meat. It was only necessary to serve 1 Notice for defects.

## SALE OF FOOD AND DRUGS ACT.

The number of samples of different kinds of food purchased under the Food and Drugs Act is tabulated below.

NUMBER OF SAMPLES PURCHASED FOR ANALYSIS UNDER THE FOOD AND DRUGS ACT.

Food or Drug	Number of Samples	Number of Samples	Number of Samples	Number of Samples	Number of Samples
Rice	4	...	...	...	...
Butter	1	...	...	...	...
Coffee	3	...	...	...	...
Milk	47	...	...	...	...
Peanut Butter	1	...	...	...	...
Pepper	3	...	...	...	...
Lard	1	...	...	...	...
Sago	1	...	...	...	...
Total	64	...	...	...	...

## *Maternity and Child Welfare.*

### 1. MIDWIVES—

A list of those practising in the town is given on a previous page.

The Superintendent Nurse of the Infant Welfare Centre visits them at regular intervals.

During the year she paid 223 visits in connection with them, an average of about six visits to each.

### 2. HEALTH VISITORS. *General Arrangement.*

There has been no alteration from the previous year, with the exception that one left to be married and another was appointed in her place.

The town is divided into six Districts, each of two wards. There are six Health Visitors, one in charge of each District. There is in each District one Infant Welfare Centre, open one afternoon each week, under the charge of the Health Visitor for the District.

The Assistant Medical Officer attends each Centre alternate weeks for consultation and advice.

The alternate weeks are devoted to weighing babies and giving Lectures, &c.

Free Milk is supplied for babies and expectant Mothers when necessary.

All receiving Milk, &c. must attend regularly at one of the Centres, and no Dried Milk is sold to anyone not in regular attendance.

# Maternity and Child Welfare.

## 1. Nurses—

A list of those practising in the town is given on a previous page.

The Superintendent Nurse of the Infant Welfare Centre visits them at regular intervals.

During the year she paid 223 visits in connection with them, an average of about six visits to each.

## 2. Health Visitors General Arrangement.

There has been no alteration from the previous year, with the exception that one left to be married and another was appointed in her place.

The town is divided into six Districts, each of two wards. There are six Health Visitors, one in charge of each District. There is in each District one Infant Welfare Centre, open one afternoon each week, under the charge of the Health Visitor for the District.

The Assistant Medical Officer attends each Centre alternate weeks for consultation and advice.

The alternate weeks are devoted to weighing babies and giving lectures, &c.

Free Milk is supplied for babies and expectant Mothers when necessary.

All receiving Milk, &c. must attend regularly at one of the Centres, and no Dried Milk is sold to anyone not in regular attendance.



One Health Visitor devotes her time to visiting cases of Minor Infectious Diseases in Young Children.

#### TOWN HALL CENTRE.

The Centre adjoining the Health Office is open all day, and is under the charge of the Superintendent Nurse, with an assistant.

The Assistant Medical Officer attends one morning each week for Ante-natal Work and one morning, and on Monday afternoons for Infant consultations. The Schools for Mothers are held in the afternoons.

Ante-natal Cases are sent to this Centre from the Branch Centres for consultation.

The number of Ante-natal cases has increased considerably.

In 1928 the number attending was 220 the highest recorded, in 1929 the number increased to 431, or nearly double.

If this work increases much more additional staff will be required to cope with it.

The visits of Infants to the Clinic also increased from 1423 to 1780, and the number of visits paid in connection with Infant Welfare Work also shows a slight increase.

The following Tables give the statistical details :—

One Health Visitor devotes her time to visiting cases of Minor Infectious Diseases in Young Children.

### Town Hall Centre

The Centre adjoining the Health Office is open all day and is under the charge of the Superintendent Nurse, with an assistant.

The Assistant Medical Officer attends one morning each week for Ante-natal Work and one morning and one Monday afternoon for Infant consultations. The Schools for Mothers are held in the afternoon.

Ante-natal Cases are sent to this Centre from the Branch Centres for consultation.

The number of Ante-natal cases has increased considerably.

In 1925 the number attending was 229 the highest recorded in 1929 the number increased to 321, or nearly double.

If this work increases much more additional staff will be required to cope with it.

The visits of infants to the Clinic also increased from 1423 to 1730, and the number of visits paid in connection with Infant Welfare Work also shows a slight increase.

The following Tables give the statistical details:

# INFANT WELFARE CENTRE.

	1928	1929
Number of Cases on the Books ... ..	580	602
Total Number of Attendances ... ..	8860	8895
Number of Meetings ... ..	180	150
Average Number at each Meeting ... ..	49	59
Average Attendance per Mother ... ..	16	15

# INFANT CLINIC.

	1928	1929
Total Visits paid to Clinic for advice ...	1423	1780

# SUMMARY OF CASES WHICH ATTENDED AT THE CLINIC.

Disease	No.	Visits to Clinic	Cured	Under Treatment	Improved
Septic Umbilicus ...	14	37	11	3	...
Deformities & Rickets	55	159	5	34	16
Hernia ... ..	6	18	1	3	2
Circumcision ... ..	12	31	10	2	...
Sore Eyes ... ..	18	64	6	7	5
Marasmus ... ..	55	374	23	16	16
Skin Eruptions ... ..	73	246	36	21	16
Ear, Throat & Nose	22	63	11	8	3
Sundries.... ..	96	372	63	11	22
Total ...	351	1364	166	105	89

Eighty cases were sent to other Institutions for treatment—nine to Mr. Poston and 29 for artificial light treatment at the Isabella Greenhalgh Orthopædic Centre.



## INFANT WELFARE CENTRE

1933	1932	Number of Cases on the Books ...
503	580	...
2895	2800	Total Number of Attendances ...
150	180	Number of Meetings ...
59	47	Average Number at each Meeting ...
15	16	Average Attendance per Mother ...

## INFANT CLINIC

1933	1932	Total Visits paid to Clinic for advice ...
1790	1423	...

## SUMMARY OF CASES WHICH ATTENDED AT THE CLINIC

Diagnosis	No.	Female Cases	Good	Under Treatment	Referred
Scabies Umbilicus ...	14	37	11	3	...
Polymorphous Eruptions ...	50	150	5	34	10
Herpes ...	6	18	1	3	2
Granuloma ...	12	21	10	2	...
Scaly Eruptions ...	18	64	6	7	5
Scabies ...	45	274	23	16	10
Scaly Eruptions ...	73	246	36	21	16
Scaly Throat & Nose ...	22	63	11	8	5
Scabies ...	30	272	68	11	22
Total ...	251	1364	166	105	80

Fifty cases were sent to other institutions for treatment—some to Mr. Poston and 29 for artificial light treatment at the Isabella Greenhalgh Orthopaedic Centre.

## ANTE-NATAL CASES.

The following are statistics of the termination of the Ante-natal cases attending this Centre :—

	1928	1929
No. of Cases...	220	431
Total No. of Attendances ...	749	1416
Average Attendance per Case ...	3½	3
Normal Confinements ...	94	267
Instrumental Confinements ...	—	32
Doctor in Attendance at Confinement...	37	54
Referred to Oldham Hospitals ...	18	29
Born in " " ...	—	23
Referred to Manchester Hospitals ...	4	21
Born in " " ...	—	11
Referred to Greenacres Maternity Home ...	19	221
Born in " " " ...	—	180
Stillbirths ...	6	6
Miscarriage ...	—	1
Cases still attending ...	85	111
„ left the district ...	—	6
„ not pregnant ...	—	14
Visits paid to Midwives ...	230	223
Medical Help Forms ...	348	389

## BRANCH CENTRES.

The visits made by the Health Visitors during the year were as follows :—

	1928	1929
First Visits to Infants under 1 year ...	1994	1817
Total Visits to Infants under 1 year ...	5095	6852
Total Visits to Children 1 to 5 years ...	11981	13041
First Visits to Expectant Mothers ...	289	280
Total Visits to Expectant Mothers ...	410	411
Opthhalmia Cases Visited ...	17	39
Puerperal Fever and Pyrexia Visited ...	25	32
Visits to Measles ...	947	1137
„ Mumps ...	36	28
„ Whooping Cough ...	250	1120
„ Poliomyelitis ...	1	—
„ Chicken Pox ...	521	614
„ Infant Deaths ...	133	210
„ Sundry Enquiries ...	442	802
Total Visits to Infectious Cases ...	1785	2970

# ANTE-NATAL CASES.

The following are statistics of the termination of the Ante-natal cases attending this Centre:—

1928	1927	
230	230	No. of Cases
1416	1416	Total No. of Attendances
84	84	Average Attendance per Case
267	267	Normal Confinements
32	32	Instrumental Confinements
37	37	Doctor in Attendance at Confinement
18	18	Referred to Oldham Hospitals
23	23	Born in
4	4	Referred to Manchester Hospitals
11	11	Born in
231	19	Referred to Greenacres Maternity Home
180	—	Born in
6	6	Stillbirths
1	—	Miscarriage
111	85	Cases still attending
6	—	Left the district
14	—	Not pregnant
223	230	Visits paid to Midwives
232	248	Medical Help Forms

BRANCH CENTRES.

The visits made by the Health Visitors during the year were as follows:—

1928	1927	
1817	1994	First Visits to Infants under 1 year
6832	5095	Total Visits to Infants under 1 year
13041	11981	Total Visits to Children 1 to 5 years
280	289	First Visits to Expectant Mothers
411	410	Total Visits to Expectant Mothers
39	17	Ophthalmia Cases Visited
32	25	Periperal Fever and Pyrexia Visited
1137	947	Visits to Measles
23	88	Mumps
1120	250	Whooping Cough
—	1	Polymyositis
614	521	Chicken Pox
210	133	Infant Deaths
503	442	Sundry Epidemics
2370	1735	Total Visits to Infectious Cases



The following Table gives an indication of the attendance of the Mothers and Infants at the various Centres :—

	Hollin-wood Centre	Bent House	Overens Street	Fisher Street	Copster Hill	Ripp'nd'n Road	Total
No. on Books ...	80	101	140	80	100	91	622
Attendances—							
Mother & Child	1550	2165	2677	1772	2014	1747	11925
Av. Attendance	35	47	58	44	48	38	44
Av. Attendance per Mother ...	17	21	16	19	20	19	19
No. of Meetings	45	46	46	44	44	46	271

Expectant Mothers are sent to the Town Hall Centre.

### INFANTILE MORTALITY.

	Legitimate	Illegitimate	Total
Births ... ..	1765	122	1887
Deaths (under 1 year) ...	200	21	221
Death rate per 1,000 births	113	172	117

The Principal causes of Infant Deaths during the past five years were as follows :—

	1925	1926	1927	1928	1929
Infectious Diseases ... ..	4	25	7	6	29
Premature Births ... ..	53	42	46	61	40
Atrophy, Debility & Marasmus	44	39	19	30	37
Diarrhoea & Digestive Diseases	8	22	14	17	12
Tubercular Diseases ... ..	3	2	2	0	1
Respiratory Diseases ... ..	35	66	27	32	64
Convulsions ... ..	11	13	12	11	8
Syphilis ... ..	4	8	4	4	3
Other Causes ... ..	72	32	49	20	27
Total ... ..	236	249	180	181	221

The following Table gives an indication of the attendance of the Mothers and Infants at the various Centres:—

No. on Books ...	Births ...	Infants ...	Mothers ...	Infants ...	Mothers ...	Infants ...
80	101	140	80	100	91	639
Attendance—						
Mother & Child	1250	2165	1772	2014	1747	11835
At Attendance	35	47	54	48	38	44
At Attendance	17	21	19	20	19	19
per Mother ...	45	46	44	44	46	271
No. of Meetings						

Respectful Mothers are sent to the Town Hall Centre.

### INFANTILE MORTALITY

Births	Legitimate	Illegitimate	Total
1765	122	1887	...
200	21	221	...
113	172	117	...

The Principal causes of Infant Deaths during the past five years were as follows:—

1920	1921	1922	1923	1924	1925
4	25	7	6	29	...
53	42	46	61	40	...
41	32	19	30	37	...
8	22	14	17	12	...
2	2	2	0	1	...
32	66	27	32	64	...
11	13	12	11	8	...
4	8	4	4	3	...
72	32	49	20	27	...
236	249	180	181	221	Total



The Infantile Mortality rate in the various Wards in actual Residents was as follows :—

WARDS	No. of Births	Birth Rate	No. of Deaths under 1 yr.	Rate per 1000 births
Clarksfield .....	377	23·8	17	45
Hollinwood .....	109	10·9	19	174
St. Paul's .....	156	10·4	21	134
Werneth .....	117	9·6	7	59
St. Peter's .....	92	7·9	5	54
St. Mary's .....	135	12·2	20	148
Westwood .....	309	20·7*	26	84
Waterhead .....	157	11·8	33	210
Mumps .....	133	15·4	15	112
St. James's.....	120	10·7	21	175
Hartford .....	126	9·5	17	134
Coldhurst .....	100	9·4	17	170
Transferred Births and Deaths	-44	—	+3	—
Borough .....	1887	13·2	221	117

MATERNAL DEATHS. — There were 10 deaths attributed to childbirth. Four of them were due to Sepsis and six to other conditions. This gives a total rate of 5·2 per 1,000 births compared with 8·8 in the previous year.



The Infantile Mortality rate in the various Wards in  
 several residents was as follows:—

Wards	No. of Deaths	No. of Babies	Rate per 1,000
Clarendon	377	28-8	17
Holliswood	109	10-9	19
St. Paul's	156	10-4	21
Westmore	117	9-6	7
St. Peter's	92	7-9	6
St. Mary's	135	12-3	20
Westwood	303	20-7	28
Westford	157	11-8	25
St. George	152	15-4	18
St. James's	120	10-7	21
St. Andrew	126	9-5	17
Goldman	100	9-4	17
Unsettled Births and Deaths	—	—	4-2
Total	1837	12-2	22

MATERNAL DEATHS.—There were 10 deaths attributed  
 to childbirth. Four of them were due to Sepsis and six to  
 other conditions. This gives a total rate of 5.2 per 1,000  
 births compared with 8.8 in the previous year.

NOTIFICATION OF BIRTHS.—Out of the total number of Births 1,622 were notified by Midwives and 369 by Parents and Doctors. The Stillbirths notified numbered 132.

FREE MILK.—There has been a diminution in the number of applications for free milk during the year. Unemployment and short time in practically all the trades has compelled many to seek this assistance.

In addition to Milk; Virol, Cod Liver Oil, &c., are supplied to those who cannot obtain it when prescribed by the Medical Officer of the Welfare Clinic.

The cost of Dried Milk and those Articles supplied free during the year was £645 16s. 0d.

The cost of the Milk supplied by Farmers and Dairymen during the year was £400 0s. 11d.

MEDICAL AID was sought by Midwives in 389 cases compared with 348 in the previous year, and in the financial year 176 claims were made by the Doctors summoned, for fees amounting to £318 10s. 6d. Unemployment and short time has considerably reduced the amounts which ought to have been repaid.

The repayments during the financial year amounted to £140 10s. 0d., compared with £135 5s. 2d., in the previous year. This sum includes repayments for claims made in previous years.

OPHTHALMIA NEONATORUM.—Twenty-two cases were notified during the year and eighteen which occurred outside institutions were all visited. The majority were very slight cases. In only one case was the vision impaired to any extent. In this case in one eye the eyesight was severely impaired, in the other slightly.

NOTIFICATION OF BIRTHS.—Out of the total number of Births 1,622 were notified by Midwives and 323 by Parents and Doctors. The Stillbirths notified numbered 132.

FRESH MILK.—There has been a diminution in the number of applications for free milk during the year. Unemployment and short time in practically all the trades has compelled many to seek this assistance.

In addition to Milk; Vine, Cod Liver Oil, &c., are supplied to those who cannot obtain it when prescribed by the Medical Officer of the Welfare Clinic.

The cost of Dried Milk and these Articles supplied free during the year was £245 15s. 0d.

The cost of the Milk supplied by Farmers and Dairywomen during the year was £100 0s. 11d.

MEDICAL AID was sought by Midwives in 323 cases compared with 348 in the previous year, and in the financial year 176 claims were made by the Doctors. Unemployment and short time has considerably reduced the amounts which ought to have been repaid.

The repayments during the financial year amounted to £140 10s. 0d. compared with £135 2s. 3d. in the previous year. This sum includes repayments for claims made in previous years.

OPHTHALMIA NEONATORUM.—Twenty-two cases were notified during the year and eighteen which occurred outside institutions were all visited. The majority were very slight cases. In only one case was the vision impaired to any extent. In this case in one eye the eyesight was severely impaired, in the other slightly.



Every case except those in Hospital is at once visited by a Health Visitor and a special enquiry at the close of the year gives the following results in the Oldham cases :

Attended at confinement by Midwives	...	12
"                    "            Doctors	... ..	6
Vision Unimpaired	... ..	14
Vision Impaired Slightly	... ..	0
Vision Impaired Severely	... ..	1
Blind	... ..	0
Died from other causes...	... ..	3
Still under Treatment	... ..	1
Treated at Hospital	... ..	5
Treated by Private Practitioners	... ..	11

Each certified Midwife is supplied with Argentum Collosol for application to the eyes of the newly born.

LECTURES.—During the winter the usual course of Lectures was given to the Midwives in the town, and the Nursing Staff. There is a good attendance at these Lectures and when the time approaches enquiries are always made as to when they are to commence. The following is the list :—

LECTURE I. November 29th. "Early Symptoms of Tuberculosis."

DR. GRAHAM, M.B., Ch.B., D.P.H.  
Deputy Medical Officer of Health and Assistant  
Tuberculosis Officer.

LECTURE II. December 13th. "Antenatal Work."

DR. LEITCH, M.B., Ch.B.  
Assistant Medical Officer of Health.

LECTURE III. January 17th. "Care of the Mother and Child in  
the first fortnight."

DR. CATHERINE CHISHOLME, B.A., M.D., Ch.B.  
Hon. Physician, Northern Hospital and Babies' Hospital,  
Manchester.

LECTURE IV. January 31st. "Decayed Teeth in Pregnancy."

MR. R. S. HORSMAN, L.D.S.  
School Dentist.

Every case except those in Hospital is at once visited by a Health Visitor and a special enquiry at the close of the year gives the following results in the Oldham cases:

12	...	Attended at confinement by Midwives
6	...	Doctors
14	...	Vision Unimpaired
9	...	Vision Impaired Slightly
1	...	Vision Impaired Severely
9	...	Blind
3	...	Died from other causes
1	...	Still under treatment
2	...	Treated at Hospital
11	...	Treated by Private Practitioners

Each certified Midwife is supplied with Argentum Colloidal for application to the eyes of the newly born.

Lectures.—During the winter the usual course of Lectures was given to the Midwives in the town, and the Nursing Staff. There is a good attendance at these Lectures and when the time approaches enquiries are always made as to when they are to commence. The following is the list:—

- Lecture I. November 25th. "Early Symptoms of Tuberculosis." Dr. Garside, M.B., Ch.B., D.P.H., Deputy Medical Officer of Health and Assistant Tuberculosis Officer.
- Lecture II. December 18th. "Antenatal Work." Dr. Garside, M.B., Ch.B., D.P.H., Assistant Medical Officer of Health.
- Lecture III. January 15th. "Care of the Mother and Child in the first fortnight." Dr. Garside, M.B., Ch.B., D.P.H., Deputy Medical Officer of Health and Assistant Tuberculosis Officer.
- Lecture IV. January 22nd. "Delayed Toxin in Pregnancy." Mr. R. E. Henson, F.R.S., School Teacher.

LECTURE V. February 14th. "Gonorrhœa and its effect on  
Pregnancy."

DR. DOUGAL, M.C., M.D., Ch.B.  
Hon. Surgeon, St. Mary's Hospital, Manchester.  
Professor of Gynæcology, University of Manchester.

LECTURE VI. February 28th. "Maternal Mortality."

DR. JAMES B. WILKINSON, M.D., C.M., D.P.H.  
Medical Officer of Health.

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

No alteration in the scheme or method of working was instituted during the year. The scheme has been fully detailed in previous reports.

The X-Ray Apparatus fitted up at the Orthopædic Centre has been of the greatest value in the diagnosis of cases and increasing use is made of it.

The following tables, in the form prescribed by the Ministry of Health, give a summary of the cases and work of the Department during the year.



Lecture V. February 14th. "Gonorrhea and its effect on pregnancy."

Dr. Bernard, M.D., M.A., C.M.  
 Lecturer on St. Mary's Hospital, Manchester.  
 Professor of Gynaecology, University of Manchester.

Lecture VI. February 21st. "Maternal Mortality."

Dr. James H. Wainman, M.D., C.M., F.R.C.S.  
 Medical Officer of Health.

## Public Health (Prevention of Tuberculosis) Regulations.

No alteration in the scheme or method of working was introduced during the year. The scheme has been fully carried out in previous reports.

The X-Ray Apparatus fitted up at the Orthopaedic Hospital has been of the greatest value in the diagnosis of cases and increasing use is made of it.

The following tables, in the form prescribed by the Ministry of Health, give a summary of the cases and work done in the Department during the year.

Summary of Notifications during the period from 30th December, 1928, to the 28th December, 1929, in the County Borough of Oldham.

Age-periods	NOTIFICATIONS ON FORM A.												NUMBER OF NOTIFICATIONS ON FORM C.		
	Number of Primary Notifications.												Total Notifications on Form A.	Poor Law Institutions	Sanatoria
	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 and upwards	Total Primary Notifications			
Pulmonary Males ...	...	1	4	1	9	7	21	26	18	14	2	103	111	19	2 (82)
" Females ...	...	1	2	2	8	12	14	8	3	7	...	57	62	3	1 (46)
Non-pulmonary Males ...	...	1	1	5	4	3	3	1	1	1	...	23	28	4	1 (2)
" Females ...	...	1	4	4	6	4	3	2	2	...	...	27	30	4	3 (2)

#### SUPPLEMENTAL RETURN.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the period from the 30th December, 1928, to the 28th December, 1929, otherwise than by formal notification under the Public Health (Tuberculosis) Regulations, 1912.

Age-Periods	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 and upwards	Total Cases
Pulmonary Males ...	...	...	...	1	...	1	...	3	1	...	...	6
" Females ...	...	1	...	...	...	...	1	...	1	...	1	4
Non-Pulmonary Males ...	...	2	...	...	...	...	...	...	...	...	...	2
" Females ...	...	...	1	...	...	1	...	...	2	...	1	5

SOURCE OF INFORMATION.	No. of Cases.		
	Pulmonary		Non-Pulmonary
Death Returns { from local Registrars	...	...	7
transferable deaths from Registrar General	6	3	...
Posthumous notifications ...	1	...	...











Table 1—continued.

1. Number of persons on Dispensary Register on January 1st ... ..	871	9. Number of patients to whom Dental Treatment was given, at or in connection with the Dispensary ... ..	Nil
2. Number of patients transferred from other areas and of "lost sight of" cases returned ... ..	6	10. Number of consultations with medical practitioners:— (a) At Homes of Applicants ... .. (b) Otherwise ... ..	64 485
3. Number of patients transferred to other areas and cases "lost sight of" ...	80	11. Number of other visits by Tuberculosis Officers to Homes ... ..	53
4. Died during the year ... ..	121	12. Number of visits by Nurses or Health Visitors to Homes for Dispensary purposes ... ..	765
5. Number of observation cases under A (b) and B (b) above in which period of observation exceeded 2 months ...	A (b) 6 B (b) —	13. Number of— (a) Specimens of sputum, etc., examined (b) X-ray examinations made in connection with Dispensary work ...	Also 90 additional Specimens from DPs 260 288
6. Number of attendances at the Dispensary (including Contacts) ... ..	2123	14. Number of Insured Persons on Dispensary Register on the 31st December ...	549
7. Number of attendances of non-pulmonary cases at Orthopaedic Out-stations for treatment or supervision ... ..	89	15. Number of Insured Persons under Domiciliary Treatment on the 31st December ... ..	300
8. Number of attendances, at General Hospitals or other Institutions approved for the purpose, of patients for— (a) "Light" treatment ... .. (b) Other special forms of treatment ...	830 —	16. Number of reports received during the year in respect of Insured Persons:— (a) Form G.P. 17 ... .. (b) Form G.P. 36 ... ..	98 1133





TABLE II.  
RESIDENTIAL INSTITUTIONS.

(a) AVERAGE NUMBER OF BEDS AVAILABLE FOR PATIENTS DURING THE YEAR 1929.

	Observation.	Pulmonary Tuberculosis		Non-Pulmonary Tuberculosis		Total.
		"Sanatorium" Beds.	"Hospital" Beds.	Disease of Bones and Joints.	Other Conditions.	
Adult Males ... ..	1	18	10	1	—	30
Adult Females... ..	1	13	8	1	—	23
Children under 15 ... ..	2	9	2	3	2	18
Total ... ..	4	40	20	5	2	71

(b) RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT DURING THE YEAR 1929.

			In Institutions on Jan. 1.	Admitted during the year.	Discharged during the year.	Died in the Institutions	In Institutions on Dec. 31.
Number of Patients :	Adults	M.	25	82	55	23	29
		F.	16	42	32	13	13
	Children	M.	10	4	13	—	1
		F.	6	9	7	2	6
Number of Observation Cases :	Adults	M.	—	2	2	—	—
		F.	2	5	7	—	—
	Children	M.	1	4	5	—	—
		F.	4	10	12	—	2
Total ... ..			64	158	133	38	51





TABLE III.

Return showing the immediate results of treatment of patients and of observation of doubtful cases discharged from Residential Institutions during the year 1929.

Classification on admission to the Institution.	Condition at time of discharge.	Duration of Residential Treatment in the Institution.									
		Under 3 months.		3-6 months.		6-12 months.		More than 12 months.		Total	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Class T.B. minus.	Quiescent ... ..	...	...	...	...	...	...	...	...	...	...
	Improved ... ..	7	2	3	5	6	3	1	1	1	3
	No material improvement ... ..	5	2	1	2	...	1	...	...	43	...
	Died in Institution ... ..	2	3	1	...	...	2	...	...	10	...
Class T.B. plus Group 1.	Quiescent ... ..	...	...	...	...	...	...	...	...	...	...
	Improved ... ..	...	...	...	...	4	...	...	...	5	...
	No material improvement ... ..	2	1	1	1	...	...	...	...	7	...
	Died in Institution ... ..	2	...	...	...	1	...	...	...	3	...
Class T.B. plus Group 2.	Quiescent ... ..	...	...	...	...	...	...	...	...	...	...
	Improved ... ..	5	1	...	2	1	1	...	1	14	...
	No material improvement ... ..	3	2	...	...	...	...	...	...	7	...
	Died in Institution ... ..	5	...	...	4	...	1	...	...	10	...
Class T.B. plus Group 3.	Quiescent ... ..	...	...	...	...	...	...	...	...	...	...
	Improved ... ..	...	...	...	...	2	...	...	...	2	...
	No material improvement ... ..	2	2	...	1	...	1	...	1	9	...
	Died in Institution ... ..	8	5	1	1	...	...	...	...	15	...

PULMONARY TUBERCULOSIS.











TABLE IV.—(a) PULMONARY TUBERCULOSIS.

Annual Return showing in summary form the condition of patients whose case records are in the possession of the Dispensary at the end of 1929, arranged according to the years in which the patients first came under Public Medical Treatment for pulmonary tuberculosis, and their classification as shown on Form A.

Condition at the time of the last record made during the year to which the Return relates.		Previous to 1926.					1926.					1927.					1928.					1929.					
		Class T.B. plus.				Total (Class T.B. plus).	Class T.B. plus.				Total (Class T.B. plus).	Class T.B. plus.				Total (Class T.B. plus).	Class T.B. plus.				Total (Class T.B. plus).						
		Class T.B. minus	Group 1.	Group 2.	Group 3.		Class T.B. minus	Group 1.	Group 2.	Group 3.		Class T.B. minus	Group 1.	Group 2.	Group 3.		Class T.B. minus	Group 1.	Group 2.	Group 3.		Class T.B. minus	Group 1.	Group 2.	Group 3.		
ALIVE	Discharged as cured:																										
	Adults M.	20	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F.	23	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Children M.	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	F.	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Disease arrested:																										
	Adults M.	40	6	...	...	6	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	F.	14	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Children M.	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	F.	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Disease not arrested:																											
Adults M.	98	23	6	...	29	22	2	5	1	8	20	2	5	...	7	20	2	5	...	7	29	3	15	5	23	...	
F.	36	5	6	2	13	10	1	2	...	3	12	1	3	1	5	11	1	4	...	5	11	1	4	5	10	...	
Children M.	13	1	...	...	1	11	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
F.	14	...	2	...	2	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
CONDITION NOT ASCERTAINED DURING THE YEAR.		14	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LOST SIGHT OF OR OTHERWISE REMOVED FROM DISPENSARY REGISTER		302	24	9	2	35	19	2	1	...	3	23	2	2	6	24	...	2	2	4	3	...	...	...	...	...	...
DEAD.	Adults M.	563	12	17	63	92	24	11	12	7	30	20	10	6	18	16	3	11	6	20	9	1	6	13	20	...	
	F.	308	4	12	50	65	13	3	7	5	15	12	3	6	15	12	1	3	6	10	3	...	2	7	9	...	
	Children M.	35	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	F.	45	...	3	2	5	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Totals		1598	79	65	120	254	116	20	28	14	62	42	11	29	16	56	98	8	24	15	47	62	5	27	31	63	





TABLE IV.-(b) NON-PULMONARY TUBERCULOSIS.

Condition at the time of the last record made during the year to which the Return relates.	Previous to 1926.					1926.					1927.					1928.					1929.				
	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdominal	Other Org'ns	Peri-pheral Glands	Total
Discharged as cured:																									
Adults M.	12	4	2	14	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F.	6	1	1	13	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Children M.	14	15	3	28	60	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F.	3	4	...	19	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Disease arrested:																									
Adults M.	1	1	...	...	2	...	...	1	1	2	2	...	1	...	3	...	...	...	1	1	...	...	...	...	...
F.	1	...	...	1	2	...	...	...	...	2	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...
Children M.	2	2	...	3	7	2	2	...	1	5	...	...	...	2	5	...	...	...	1	1	...	...	...	...	...
F.	2	...	...	3	5	1	2	2	1	6	...	1	...	2	3	...	...	...	...	...	...	...	...	...	...
Disease not arrested:																									
Adults M.	9	3	4	2	18	4	...	4	...	8	4	1	...	5	5	2	1	2	...	5	2	1	2	2	7
F.	6	2	1	4	13	4	1	1	...	7	...	...	...	5	7	1	...	1	3	5	5	...	1	6	12
Children M.	14	6	3	7	30	...	2	...	1	3	...	4	1	4	12	2	4	...	5	11	2	2	1	4	9
F.	9	4	2	8	23	...	1	1	1	3	...	2	...	1	6	4	4	4	4	16	2	...	...	4	6
TRANSFERRED TO PULMONARY ...	1	1	1	1	4	...	1	...	2	3	...	...	1	...	1	...	...	...	1	1	...	...	...	...	...
CONDITION NOT ASCERTAINED DURING THE YEAR ...	2	4	1	5	12	1	1	...	...	2	1	...	...	2	3	1	...	1	...	2	...	...	...	...	...
LOST SIGHT OF OR OTHERWISE REMOVED FROM DISPENSARY REGISTER	133	42	42	131	348	2	2	3	2	9	2	2	1	3	8	1	4	1	1	7	...	...	...	...	...
DEAD.																									
Adults M.	29	7	1	6	43	1	...	1	1	3	...	1	...	1	2	...	...	...	...	...	...	...	...	...	...
F.	9	3	3	2	17	...	1	...	...	1	...	1	1	...	3	...	2	...	...	2	...	1	...	...	1
Children M.	8	13	2	2	25	...	1	1	...	2	...	...	...	2	1	...	...	...	...	1	...	...	...	...	...
F.	1	9	1	1	12	...	1	1	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Totals ...	262	121	68	200	701	15	15	15	12	57	19	14	5	20	58	12	15	9	16	52	11	4	4	16	35

# TABLE IV - (Continued)

Year	Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not met		Discharged		Transferred to Jail		Condition not 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1929

NEW CASES					DEATHS			
AGE PERIODS	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
0 to 1	...	...	1	1	...	...	...	1
1 to 5	1	2	3	1	...	2	3	...
5 to 10	4	2	5	5	...	...	1	1
10 to 15	2	2	4	4	2	1	1	...
15 to 20	9	8	3	6	7	8	...	2
20 to 25	8	12	3	5	12	5	...	3
25 to 35	21	15	3	3	14	15	3	1
35 to 45	29	8	1	2	19	3	1	1
45 to 55	19	4	1	4	25	6	1	2
55 to 65	14	7	1	...	18	4	1	...
65 and upwards	2	1	...	1	2	1	1	1
TOTALS	109	61	25	32	99	45	12	12
	170		57		144		24	

Pulmonary Tuberculosis—Proportion of deaths  
not notified under Regulations, during life ... 6.9

Non-Pulmonary Tuberculosis—Proportion of deaths  
not notified under Regulations, during life ... 29.1

Pulmonary & Non-Pulmonary Tuberculosis—Proportion of deaths not notified under Regulations,  
during life ... .. 10.1

The number of Primary Notifications for 1928 were:—  
Pulmonary 170; Non-Pulmonary 57; Total number of  
Primary Notifications for 1928, 227.



1922

NEW CASES		DEATHS	
AGE PERIOD	SEX	SEX	SEX
0 to 1	1	1	1
1 to 5	1	1	1
5 to 10	1	1	1
10 to 15	2	1	1
15 to 20	3	1	1
20 to 25	8	1	1
25 to 30	13	1	1
30 to 35	21	1	1
35 to 40	29	1	1
40 to 45	13	1	1
45 to 50	14	1	1
50 to 55	1	1	1
55 and upwards	2	1	1
TOTAL	109	14	12
	170	144	31

Pulmonary Tuberculosis—Proportion of deaths  
not notified under Regulations during life ... 6.9

Non-Pulmonary Tuberculosis—Proportion of deaths  
not notified under Regulations during life ... 23.1

Pulmonary & Non-Pulmonary Tuberculosis—Proportion of deaths not notified under Regulations during life ... 17.1

The number of Primary Notifications for 1922 were:  
Pulmonary 164 Non-Pulmonary 37; Total number of  
Primary Notifications for 1922, 201.

The number of new cases ascertained otherwise than by notification during 1928 were:—Pulmonary 12; Non-Pulmonary 7; Total number of new cases ascertained otherwise than by notification during 1928, 19.

The number of deaths from Tuberculosis in 1928 were:—Pulmonary 115; Non-Pulmonary 24; Total number of deaths from Tuberculosis in 1928, 139.

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

No action necessary with regard to tuberculous employees engaged in the milk trade.

### PUBLIC HEALTH ACT 1925, Section 62.

No cases of Tuberculosis were compulsorily removed to hospital.

### ATTENDANCES AT DISPENSARY.

Insured Persons and	1927	1928	1929
Ex-Service Men ... ..	1,369	1,096	1,144
Non-Insured ... ..	191	177	156
Children ... ..	733	815	823
Totals ... ..	<u>2,293</u>	<u>2,088</u>	<u>2,123</u>

Number of New Cases sent to Dispensary by Private Practitioners, 167. Of these, 63 were found to be suffering from Tuberculosis and 104 were Non-Tuberculous.

Number of School Exemption Certificates furnished to Local Education Authority, 107.

The number of new cases ascertained otherwise than by notification during 1938 were:—Pulmonary 12; Non-Pulmonary 7; Total number of new cases ascertained otherwise than by notification during 1938, 19.

The number of deaths from Tuberculosis in 1938 were:—Pulmonary 115; Non-Pulmonary 24; Total number of deaths from Tuberculosis in 1938, 139.

## PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1935

No action necessary with regard to tuberculous employees engaged in the milk trade.

## PUBLIC HEALTH ACT 1935, Section 62

No cases of Tuberculosis were compulsorily removed to hospital.

## ATTENDANCES AT DISPENSARY

Insured Persons and Ex-Servicemen	1937	1938	1939
Non-Insured	191	177	156
Children	733	815	823
<b>Totals</b>	<b>2,393</b>	<b>2,089</b>	<b>2,123</b>

Number of New Cases sent to Dispensary by Private Practitioners, 167. Of these, 63 were found to be suffering from Tuberculosis and 104 were Non-Tuberculous.

Number of School Exemption Certificates furnished to Local Education Authority, 105.



The following list gives a summary of the principal occupations of patients notified for the first time to be suffering from Tuberculosis:—

Cotton Operatives	...	...	...	...	...	71
Ironworkers	...	...	...	...	...	28
Labourers	...	...	...	...	...	7
Housework	...	...	...	...	...	21
Other Occupations	...	...	...	...	...	46
School	...	..	...	...	...	26
No Occupation	...	...	...	...	...	11
Total						<u>210</u>

Number of Sputum Examinations—Positive	...	149
Do. do. —Negative	...	379
Total	...	<u>528</u>

Number of Reports to Ministry of Pensions:—

To Area Office, Manchester	...	...	...	55
Total	...	...	...	<u>55</u>

Total number of visits to homes by Tuberculosis Nurse, 984.

## PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1924.

Number of cases of Tuberculosis remaining on the Registers of Notifications on December 31st, 1929.

PULMONARY			NON-PULMONARY				Total Cases
Males	Females	Total	Males	Females	Total	...	
456	261	717	179	170	349	...	1066

The following list gives a summary of the principal occupations of patients notified for the first time to be suffering from Tuberculosis:-

Cotton Operatives	71
Ironworkers	28
Labourers	7
Housework	21
Other Occupations	48
School	28
No Occupation	11
Total	210

Number of Sputum Examinations—Positive	145
Do —Negative	375
Total	520

Number of Reports to Ministry of Pensions—	
To Area Office, Manchester	52
Total	52

Total number of visits to homes by Tuberculosis Nurse

984

## PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1934

Register of Notifications on December 31st, 1934  
Number of cases of Tuberculosis remaining on 31st

PULMONARY		NON-PULMONARY	
Males	Females	Males	Females
156	101	179	219
Total	257	Total	398

## STRINESDALE SANATORIUM.

Patients admitted during 1929	...	..	...	73
Patients discharged during 1929	...	...	...	66
Patients died during 1929	...	...	...	8

Of the Patients discharged 4 showed no increase in weight.

The average increase in the weight of the remaining 62 was  $11\frac{1}{2}$  lbs.

The maximum increase in weight of any one patient was 31 lbs.

## WESTHULME HOSPITAL.

Patients admitted during 1929:	Own Patients	74
	Patients from Lancashire County Council	9
Patients discharged during 1929:	Own Patients	57
	Patients from Lancashire County Council	7
Patients died during 1929:	Own Patients	30
	Patients from Lancashire County Council	5

## OUTSIDE INSTITUTIONS.

## EAST LANCASHIRE TUBERCULOSIS COLONY, BARROWMORE HALL, GREAT BARROW, NEAR CHESTER.

Patients admitted during 1929	...	...	1
Patients discharged	„	„	0

## HEATHERWOOD HOSPITAL, ASCOT.

Patients admitted during 1929	...	...	1
Patients discharged	„	„	0

## ROYAL NATIONAL SANATORIUM, BOURNEMOUTH.

Patients admitted during 1929	...	...	0
Patients discharged	„	„	1

## SHROPSHIRE ORTHOPÆDIC HOSPITAL, OSWESTRY.

Patients admitted during 1929	...	...	3
Patients discharged	„	„	3



# STURGESDALE SANATORIUM

Patients admitted during 1929 ... 75  
Patients discharged during 1929 ... 66  
Patients died during 1929 ... 8  
Of the Patients discharged 4 showed no increase in weight

The average increase in the weight of the remaining 62 was 11 1/2 lbs  
The maximum increase in weight of any one patient was 31 lbs

# WESTHURME HOSPITAL

Patients admitted during 1929: Own Patients 74  
Patients from Lancashire County Council 9  
Patients discharged during 1929: Own Patients 57  
Patients from Lancashire County Council 7  
Patients died during 1929: Own Patients 30  
Patients from Lancashire County Council 5

# OUTSIDE INSTITUTIONS

LANCASHIRE TUBERCULOSIS COLONY, BARNWORMS  
HALL, GREAT BARNOW, NEAR CHURTON

Patients admitted during 1929 ... 1  
Patients discharged " " ... 0

# HEATHERWOOD HOSPITAL, ASCOT

Patients admitted during 1929 ... 1  
Patients discharged " " ... 0

# ROYAL NATIONAL SANATORIUM, BOURNEMOUTH

Patients admitted during 1929 ... 0  
Patients discharged " " ... 1

# LANCASHIRE ORTHOPEDIC HOSPITAL, OSWESTRY

Patients admitted during 1929 ... 3  
Patients discharged " " ... 5

## DEATHS, 1929.

## Occupations of Patients who have died from Tuberculosis.

			Pulmonary	Non-Pulmonary
Cotton Operatives	...	...	43	9
Ironworkers	...	...	37	1
Labourers	...	...	10	—
Housework...	...	...	17	2
School	...	...	3	3
No-Occupation	...	...	6	5
Advertising Agent	...	...	1	—
Boot Repairers	...	...	1	1
Box Maker	...	...	1	—
Bricklayer	...	...	—	1
Carters	...	...	2	—
Cinema Operator	...	...	1	—
Clerks	...	...	2	—
Domestic Servant	...	...	1	—
Electrical Workers	...	...	2	—
Fruit Hawker	...	...	1	—
Jewel Examiner	...	...	1	—
Journeyman Butcher	...	...	1	—
Journeyman Clogger	...	...	1	—
Journeyman House Joiner	...	...	1	—
Licensed Victuallers	...	...	2	—
Lodging House Deputy	...	...	1	—
Manufacturing Confectioner	...	...	1	—
Marine Store Dealer	...	...	1	—
Master House Painter	...	...	1	—
Musicians	...	...	3	—
Office Cleaner	...	...	—	1
Pawnbroker's Assistant	...	...	1	—
Raincoat Manufacturer	...	...	1	—
Tram Conductors	...	...	1	1
Totals	...	...	144	24

## DEATHS, 1932.

Occupations of Patients who have died from Tuberculosis.

Non-Tubercular	Tubercular	Occupation
1	1	Team Conductors
1	1	Raincoat Manufacturer
1	1	Pawnbroker's Assistant
1	1	Office Cleaner
1	1	Musicians
1	1	Master House Painter
1	1	Marine Store Dealer
1	1	Manufacturing Confectioner
1	1	Lodging House Deputy
1	1	Licensed Victuallers
1	1	Journeyman House Joiner
1	1	Journeyman Clocker
1	1	Journeyman Butcher
1	1	Jewel Examiner
1	1	Fruit Hawker
1	1	Electrical Workers
1	1	Domestic Servant
1	1	Clarks
1	1	Cinema Operator
1	1	Garters
1	1	Bricklayer
1	1	Box Maker
1	1	Boot Repairs
1	1	Advertising Agent
1	1	No Occupation
1	1	School
1	1	Housework
1	1	Laborers
1	1	Ironworkers
1	1	Cotton Operatives
144	144	Totals



## VENEREAL DISEASE.

The Scheme for treating the above disease remains the same as that given in previous reports.

The following figures give the number treated at the Infirmary during the last five years.

		SYPHILIS		GONORRHOEA		OTHER V. D. CASES	
		Males	Females	Males	Females	Males	Females
1925	...	163	88	174	34	7	0
1926	...	152	95	182	34	2	0
1927	...	117	90	226	38	1	0
1928	...	135	88	256	43	1	0
1929	...	149	83	267	43	2	1

The following Statistics summarise the work done during the past year :—

### NUMBER OF PERSONS UNDER TREATMENT.

	Jan. 1st		Treated during the Year.		Total	
	Males	Females	Males	Females	Males	Females
Suffering from Syphilis .....	97	54	52	29	149	83
„ „ Gonorrhœa .....	175	29	92	14	267	43
„ „ Soft Chancre .....	1	0	1	0	2	0
„ „ Non-V'n'real Dise'ses .....	57	16	45	24	102	40
Total .....	330	99	190	67	520	166

In addition to the above, 87 Oldham persons were treated at the Venereal Centres in Manchester, making a total of 773 persons who were treated during the year.

Number of persons who ceased to attend without completing a course of Treatment at the Royal Infirmary :—

	MALES.	FEMALES.
Syphilis ... ..	4	7
Soft Chancre ... ..	0	0
Gonorrhœa ... ..	27	5

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The Scheme for treating the above disease remains the same as that given in previous reports.

The following figures give the number treated at the Infirmary during the last five years.

	SYPHILIS		GONORRHOEA		OTHER V.D. CASES	
	Males	Females	Males	Females	Males	Females
1925	163	88	174	34	7	0
1926	152	95	182	34	2	0
1927	117	90	225	38	1	0
1928	132	88	258	48	1	0
1929	149	83	267	48	2	1

The following Statistics summarise the work done during the past year:—

## NUMBER OF PERSONS UNDER TREATMENT.

	Treated during the Year.		Total	
	Males	Females	Males	Females
.....	97	54	151	83
.....	175	39	214	43
.....	1	0	1	0
.....	67	16	83	40
Total	240	99	339	166

In addition to the above, 87 Oldham persons were treated at the Venereal Centres in Manchester, making total of 426 persons who were treated during the year.

Number of persons who ceased to attend without completing a course of Treatment at the Royal Infirmary:—

	MALES.		FEMALES.	
	Males	Females	Males	Females
Syphilis	4	7	0	5
Soft Chancres	0	0	0	0
Gonorrhoea	37	5	0	0



No. ceased to attend after Treatment but before completion of Treatment Tests :—

	MALES. FEMALES.	
Syphilis ... ..	6	10
Soft Chancre ... ..	0	0
Gonorrhœa ... ..	10	0

No. under Treatment at close of year 1929.

Syphilis ... ..	141	68
Gonorrhœa ... ..	202	35
Soft Chancre ... ..	2	0
Other Conditions ... ..	66	23

Total attendances of all Patients :—

Syphilis ... ..	1320	865
Soft Chancre ... ..	13	1
Gonorrhœa ... ..	2324	1241
Other conditions not V.D. ... ..	194	114

Aggregate number of Inpatient days :—

Syphilis ... ..	14	0
Gonorrhœa ... ..	0	56
Soft Chancre ... ..	0	0
Other Conditions ... ..	0	0

Number of specimens examined at the Infirmary ... ..

Spirochetes	Gonococci	Others	Wasserman
7	175	1	0

Number of specimens sent to the Pathological Laboratory, Manchester ... ..

0 1 0 429

Total ... 7 176 1 429

Number of Oldham persons attending for the first time ... ..

206

Lancashire County .. ... 47

Yorkshire ,, ... 4

Total ... 257





The total cost of Treatment during the year amounted to £1,043 5s. 10d., which receipts from outside areas will reduce to about £836 5s. 7d.

The total number of V.D. specimens examined at the laboratory at the Manchester University was 497 for Wasserman Reaction of which 88 gave a positive reaction, and one for Gonococci.

### PROPAGANDA.

From October 10th to October 20th a Health Week was again held and a considerable amount of propaganda work in relation to Venereal Disease was introduced in the Lectures and in some of the Cinematograph Films.

The Lecture rooms were generally full but there was not the crowding that had occurred during the previous three years. Two of the stalls at the Exhibition arranged in connection with this Week were arranged by the Eugenic Society and the British Social Hygiene Council.

Dinner hour addresses were also given at certain mills in the town. They seemed to be much appreciated.

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## *The Orthopædic Institute.*

---

The Isabella Greenhalgh Orthopædic Institute has been in full work throughout the year and has amply proved the great value of the gift of Mr. Richard Greenhalgh.

As regards the Artificial Sunlight treatment the results have in a large number of cases been exceedingly successful. The best results have been in young persons.

The total number of cases treated during the year was 372 and came under the following headings:—

Child Welfare...	...	...	...	90
School Children	...	...	...	125
Tuberculosis	...	...	...	75
Private Patients	...	...	...	82
				<hr/>
				372
				<hr/>

Many of the School Children were also Tubercular cases and are thus combined in the summary.

Mr. Poston has continued to attend fortnightly and has admitted cases requiring operation to Ancoats Hospital. There is however a considerable waiting list and it is hoped that it will be possible to make arrangements for many of them in the Municipal Hospital. Practically all cases before being given Sunlight treatment are seen by a Doctor on the Staff of the Health Department.

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As regards the results of treatment 147 cases have been either cured or so far improved that they required no further treatment and 127 cases are improving under treatment, 58 discontinued treatment after a few attendances.

In Rickets, the Artificial Sunlight treatment has been most successful. In the early cases the majority seem to improve almost at once, the children rest better, their vitality improves and after a course of treatment a Radiogram shows the growth of bone.

In the later cases Splints, &c. are required as well. Cases of general Debility, Atrophy and Marasmus in young children also respond well and rapidly.

Alopecia seems capable of cure if patients will continue treatment. One case after 14 treatments was cured, two cases after six and seven treatments show evidence of new hair growth. Two cases discontinued treatment after one or two attendances.

Rheumatism was chiefly treated by Radiant Heat and the results varied considerably. In Muscular cases considerable improvement usually resulted from Sunlight treatment.

In Arthritic cases the results were not very good, though pain was usually relieved.

In Debility after Measles, Whooping Cough, Influenza and in post operative weakness the improvement was usually very marked.

Chronic Bronchitis and Bronchial Catarrh; Catarrhal conditions of the throat and nose especially in children were improved in most cases.



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As regards Tuberculosis the results were good in cases of Glandular Disease; sinuses usually healed and the glandular enlargement subsided. In 12 cases of Lupus, four were much improved or cured and six showed signs of improvement, whilst two discontinued treatment. The treatment has to be continued for a long period to give good results.

In six cases of Abdominal Tuberculosis, five showed very marked improvement. The other case discontinued treatment.

The X-Ray apparatus has been exceedingly valuable in the diagnosis of Rickets and Deformities, but especially has it been valuable in the diagnosis of Tuberculosis of the Lung, and Dr. Graham has taken no less than 314 Radiograms for such cases during the year. In many instances a definite diagnosis would have been impossible without its aid. The X-Rays taken were

Orthopaedic Cases	...	...	...	...	2
Dispensary Cases	...	...	...	...	314
Infant Welfare Cases	.....	...	...	...	15
School Cases	...	...	...	...	22
Private Cases	...	...	...	...	8
Total	...	...	...	...	<u>361</u>

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Orthopaedic Cases	2
Dispensary Cases	314
Infant Welfare Cases	15
School Cases	22
Private Cases	8
Total	<u>361</u>



TABLE No. 1.  
NUMBER OF PATIENTS TREATED.

	M. & C. W.	School	Tubercular	Private	Total.
Rickets ... ..	44	28	—	4	76
Bronchitis ... ..	—	12	—	3	15
Paralysis ... ..	6	9	—	5	20
Debility, Malnutrition and Neurasthenia	22	29	—	16	67
Anæmia ... ..	3	20	—	1	24
Neuritis ... ..	—	—	—	5	5
Catarrh ... ..	—	—	—	5	5
Rheumatism ... ..	—	1	—	11	12
Arthritis ... ..	—	—	—	5	5
Deformities ... ..	10	7	—	4	21
Injuries ... ..	—	4	—	6	10
Alopecia ... ..	—	4	—	1	5
Asthma ... ..	—	2	—	2	4
T. B. Abdomen...	—	4	1	1	6
" " Hip ... ..	—	6	2	3	11
" " Spine ... ..	—	6	—	1	7
" " Knee ... ..	—	3	—	1	4
" " Bone ... ..	1	13	3	2	19
" " Sinus ... ..	—	7	—	1	8
Enlarged Glands ...	1	25	—	6	32
Skin Diseases ... ..	—	—	—	1	1
Sciatica ... ..	—	—	—	1	1
Lupus ... ..	1	11	—	—	12
Chorea ... ..	—	2	—	—	2
Sundries ... ..	2	1	—	2	5
Totals ... ..	90	194	6	87	377

TABLE No. 1.  
NUMBER OF PATIENTS TREATED.

	Private	Public	Free	Total
Acute	44	28	—	72
Chronic	—	12	—	12
Paralysis	6	2	—	8
Debility, Malnutrition and Neurasthenia	22	29	—	51
Anemia	3	20	—	23
Neuritis	—	—	—	—
Atrophy	—	—	—	—
Rheumatism	—	1	—	1
Arthritis	—	—	—	—
Neuritis	10	7	—	17
Paralysis	—	4	—	4
Spasms	—	6	—	6
Neuritis	—	1	—	1
Abdomen	—	2	—	2
Hip	—	1	—	1
Spine	—	3	—	3
Knee	—	1	—	1
Boles	1	2	—	3
Sinus	—	7	—	7
Enlarged Glands	1	22	—	23
Eye Diseases	—	—	—	—
Nasal	—	1	—	1
Throat	—	—	—	—
Lungs	—	11	—	11
Stomach	—	2	—	2
Intestines	2	1	—	3
Totals	90	194	6	290



TABLE No. 2.

## RESULTS.

		Sunlight	Still under Treatment	Much Improved	Improved	I.S.Q	Discontinued Treatment
Rickets ...	...	71	25	23	22	22	20
Bronchitis ...	...	15	4	10	4	1	—
T.B. Abdomen ...	...	6	1	5	1	—	1
„ „ Glands ...	...	32	2	21	8	3	6
Lupus ...	...	11	5	4	6	1	2
Debility ...	...	66	19	36	25	5	6
T. B. Bone ...	...	6	10	4	6	7	1
Totals (All Cases) ...	...	285	107	147	127	79	58



TABLE No. 2

## RESULTS

Diagnosis	Bill under Sunlight Treatment	Bill under Improved I.R.G. Treatment	Bill under Improved I.R.G. Treatment	Bill under Improved I.R.G. Treatment	Bill under Improved I.R.G. Treatment	Bill under Improved I.R.G. Treatment
Rickets ...	71	25	23	22	22	20
Bronchitis ...	15	4	10	4	1	—
T.B. Abdomen ...	6	1	5	1	—	1
" " Glands ...	32	2	21	2	8	6
Lupus ...	11	5	4	6	1	2
Debility ...	66	19	36	25	5	6
T. B. Bone ...	6	10	4	6	7	1
Totals (all cases) ...	285	107	147	127	79	58

## *Infectious Diseases.*

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The following Table gives the number of cases of Infectious Diseases notified during the year, and the deaths registered as the result of these diseases.

DISEASE.	NOTIFICATIONS.	DEATHS.
Small-pox ... ..	18	0 ✓
Scarlet Fever ... ..	668	2 ✓
Diphtheria ... ..	221	17 ✓
Erysipelas ... ..	80	10
Enteric Fever ... ..	6	2 ✓
Puerperal Fever... ..	2	4
Puerperal Pyrexia ... ..	30	0
Tuberculosis ... ..	210	168
†Pneumonia ... ..	399	244
Cerebro Spinal Meningitis... ..	0	0 ✓
Infantile Paralysis ... ..	1	0
Ophthalmia Neonatorum ... ..	22	0
Encephalitis Lethargica ... ..	8	7
Malaria ... ..	0	0 ✓
Dysentery ... ..	0	0
*Measles and German Measles ... ..	1136	23
*Whooping Cough ... ..	1120	73
⊖Chicken Pox ... ..	420	0

\* Notified from Schools, &c.    † Includes Broncho-Pneumonia.

⊖ Compulsorily Notifiable for six months

Influenza also caused 218 deaths; Syphilis 7; General Paralysis of the Insane 20 and Diarrhoea and Enteritis 16 deaths.

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Pneumonia	237	244
Cerebro Spinal Meningitis	0	0
Infantile Paralysis	1	0
Ophthalmia Neonatorum	23	0
Encephalitis Lethargica	8	7
Malaria	0	0
Gynermy	0	0
Measles and German Measles	1138	33
Whooping Cough	1120	78
Chicken Pox	420	0

\* Notified from Schools, &c. + Includes Hospital-Patients.  
 @ Compulsorily Notifiable for six months

Influenza also caused 218 deaths; Syphilis 7; General analysis of the Insane 20 and Diarrhoea and Enteritis 1 death.



The Attack rates per 1,000 of the population were :—

	England & Wales		Oldham
Small-pox ... ..	0·28	...	0·12
Scarlet Fever ... ..	3·05	....	4·63
Diphtheria ... ..	1·59	...	1·54
Enteric Fever ... ..	0·07	...	0·04
Puerperal Fever ... ..	0·06	...	0·03
Puerperal Pyrexia ... ..	0·14	...	0·21
Erysipelas ... ..	0·45	...	0·56

The death rates per 1,000 of the population from the principal Infectious Diseases were as follows :—

	England and Wales		107 Large Towns	Oldham
Scarlet Fever ... ..	0·02	..	0·02	0·01
Diphtheria ... ..	0·08	...	0·09	0·11
Enteric Fever ... ..	0·01	...	0·01	0·01
Puerperal Fever ... ..	—	...	—	0·02
Measles ... ..	0·08	...	0·12	0·16
Whooping Cough ... ..	0·15	...	0·19	0·51
Influenza ... ..	0·74	...	0·76	1·52
Diarrhoea & Enteritis. 8·1	...	10·9	...	4·2

(Under 2 years per 1,000 Births)

### SMALL-POX.

Eighteen cases of Small-pox were notified during the year. They were all of the very mild type and there seemed no tendency to revert to the severe form. There were some contacts of the cases introduced into another town from abroad of the virulent form of this disease but none of them fortunately developed the disease. The vaccination which was universal in men who served in the war has in several instances undoubtedly prevented the disease in men who were in close contact with cases.

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Puerperal Fever ... ..	—	0.02
Measles ... ..	0.08	0.16
Whooping Cough ... ..	0.12	0.51
Influenza ... ..	0.74	1.52
Diphtheria & Enteric ... ..	8.1	4.2

(Under 5 years per 1,000 Births)

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With three exceptions all the cases were adults and with the exception of four cases who were vaccinated in infancy, all were unvaccinated. The ages of these four were 46, 54, 58 and 65 years respectively. The main outbreak was in January and February. Two houses had three cases each; two, two cases each. The earlier cases were due to an unrecognised case who was not seen until completely recovered. He had been visiting clubs, &c., during the infectious period. Besides the two cases in his own family he was responsible either directly or indirectly for probably at least seven cases. Three cases in one family were also caused by an unrecognised case in a woman, who in her infectious period attended a christening ceremony and nursed the baby. Both the baby (eight weeks old) its mother and another member of the family all contracted the disease. An isolated case occurred in November. The usual precautions and measures were taken.

### VACCINATION.

The following returns for the past three years indicate the prevalence of Vaccination in the Borough. In the Borough only 14 per cent of the children born were successfully vaccinated. This is the lowest percentage yet recorded.

	1926	1927	1928
Number of Births ... ..	2310	2102	2079
Successfully Vaccinated ... ..	444	379	296
Died Unvaccinated ... ..	158	173	165
Insusceptible ... ..	0	0	0
Postponed by Medical Certificate	0	0	0
Left the District ... ..	32	5	0
Not Accounted for ... ..	43	14	0
Percentage successfully Vaccinated	19	18	14



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1925	1927	1928	
2072	2102	2310	Number of Births
226	279	444	Successfully Vaccinated
165	173	158	Unvaccinated
0	0	0	Not responsible
0	0	0	Not responsible by Medical Certificate
0	2	32	Not responsible by the District
0	14	43	Not accounted for
14	18	19	Percentage successfully Vaccinated

## SCARLET FEVER.

During the last three months of the year Scarlet Fever assumed an epidemic form.

The previous years when there were epidemics were 1921-22 and in 1913-14-15.

The disease being almost entirely in a very mild form there have been many missed cases. In several instances one of these missed cases has been found in School in the peeling stage.

There were only two fatal cases out of the 668 reported. 391 cases were removed to hospital.

## ENTERIC FEVER.

Six cases were notified during the year, two of which proved fatal.

One case was notified from the Poor Law Hospital. With the exception of one case, who judging from the period of incubation apparently contracted the disease while at the seaside, no cause of the infection was traceable.

The fatal cases were aged 48 and 56 years respectively. The cases spread over the year and were in different Wards of the town.

## ERYSIPELAS.

Eighty cases were notified during the year and there were 10 fatalities. All the fatalities were in persons over 30 years of age.

## ENCEPHALITIS LETHARGICA.

Eight cases were notified during the year and seven of them terminated fatally.



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## ENCEPHALITIS LETHARGICA

Eight cases were notified during the year and seven of them terminated fatally.



The following gives information as to age and distribution :—

No.	Sex	Age	Ward	Month
1	Female	40	St. Paul's	January
2	Male	57	St. Paul's	January
3	Female	4	Coldhurst	February
4	Female	64	Hollinwood	March
5	Male	12	St. Mary's	April
6	Male	49	Hartford	April
7	Male	44	Waterhead	May
8	Male	7	St. James'	August

The first two although in the same Ward and about the same time were not associated in any way.

The number of cases in the last five years is as follows :—

		Cases		Deaths
1925	...	11	...	9
1926	...	12	...	10
1927	...	15	...	11
1928	...	7	...	4
1929	...	8	...	7

### DIPHTHERIA.

During the year 221 cases of Diphtheria were notified. This is 67 fewer than in the year 1928. There were 17 deaths compared with 35 in the previous year and a death percentage of 7·7 compared with 12·1. Only one death occurred in persons over 10 years of age, though there were 67 cases over this age. No portion of the town was specially affected. The disease was somewhat more prevalent during the latter three months of the year. The question of immunization has been considered during the

The following gives information as to age and distribution:—

No.	Sex	Age	Ward	Month
1	Female	40	St. Paul's	January
2	Male	57	St. Paul's	January
3	Female	4	Goldhurst	February
4	Female	64	Hollinwood	March
5	Male	12	St. Mary's	April
6	Male	49	Hartford	April
7	Male	44	Waterhead	May
8	Male	7	St. James'	August

The first two although in the same Ward and about the same time were not associated in any way.

The number of cases in the last five years is as follows:—

Year	Cases	Deaths
1925	11	3
1926	12	10
1927	15	11
1928	7	4
1929	8	7

## DIPHTHERIA.

During the year 231 cases of Diphtheria were notified. This is 67 fewer than in the year 1928. There were 17 deaths compared with 35 in the previous year and a death percentage of 7.7 compared with 13.1. Only one death occurred in persons over 10 years of age, though there were 67 cases over this age. No portion of the town was specially affected. The disease was somewhat more prevalent during the latter three months of the year. The question of immunisation has been considered during the



year but no measures for this have been taken nor would it be possible with the present staff and arrangements. The usual measures have been taken for its control.

## INFLUENZA.

In the last two weeks of February and in the first week in March the town was visited by an epidemic of Influenza of a very severe type and associated with it were a large number of cases of Lung diseases.

From information given me the Influenza itself did not seem to be of so virulent and septic a type as that which occurred about ten years ago but there were a much larger number of chest diseases associated with it.

The disease was intensified by the extreme severity of the weather, on several days there was over 20 degrees of frost which seemed to affect those suffering from the disease considerably. Whether the disease was also affected by a lowered standard of health due to the amount of unemployment in the town it is impossible to say but it is quite possible those conditions may have affected the vitality of those suffering.

The death rate in two weeks was unprecedented and the greatest period of this incidence is shown by the following figures:—

Week ending		No. of Deaths		Death Rate	
February	16	...	99	...	36.5
„	23	...	180	...	66.5
March	2	...	190	...	70.06
„	9	...	130	...	47.9

The ward distribution and ward rates of the total deaths during these four weeks (599) were as follows:—



year but no measures for this have been taken nor would it be possible with the present staff and arrangements. The usual measures have been taken for its control.

## INFLUENZA

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The death rate in two weeks was unprecedented and the greatest period of this incidence is shown by the following figures:—

Week ending	No. of Deaths	Death Rate
February 16	92	36.5
" 23	180	66.5
March 2	190	70.0
" 9	180	47.5

The ward distribution and ward rates of the total deaths during these four weeks (592) were as follows:—

		No. of Deaths		Ward Rate
St. Mary's	...	41	...	47·15
St. Peter's	...	43	...	47·3
Werneth	...	49	...	51·45
Westwood	...	65	...	55·25
St. Paul's	...	47	...	39·95
Coldhurst	...	41	...	49·2
Hartford	...	52	...	52·0
Hollinwood	...	44	...	57·2
Clarksfield	...	65	...	52·0
Mumps	...	48	...	72·0
St James's	...	41	...	47·15
Waterhead	...	63	...	56·7
Total	...	599	Borough rate	54·9

In the following table the causes of death in these weeks are set out :—

Diphtheria	...	...	...	...	2
Enteric Fever	...	...	...	...	1
Puerperal Fever...	...	...	...	...	1
Cancer	...	...	...	...	20
Erysipelas	...	...	...	...	2
Whooping Cough	...	...	...	...	29
Influenza	...	...	...	...	157
Pulmonary Tuberculosis	...	...	...	...	23
Bronchitis	...	...	...	...	140
Pneumonia	...	...	...	...	62
Heart Diseases	...	...	...	...	44
All other causes...	...	...	...	...	118
Total	...	...	...	...	599

Ward Name	No. of Deaths	Rate
St. Mary's	41	47.15
St. Peter's	43	47.3
Westend	49	51.45
Westwood	65	62.25
St. Paul's	47	39.95
Goldhurst	41	49.2
Hartford	62	52.0
Kilnwood	44	37.2
Clarksfield	65	52.0
Mumps	48	72.0
St. James's	41	47.15
Waterhead	63	56.7
Total	599	54.9

In the following table the causes of death in these weeks are set out:—

Diphtheria	2
Enteric Fever	1
Erysipelas	1
Scarlet Fever	20
Cancer	2
Erysipelas	29
Whooping Cough	157
Influenza	28
Pulmonary Tuberculosis	140
Bronchitis	63
Pneumonia	44
Heart Disease	118
All other causes	599
Total	599



During the four weeks the following deaths occurred from Influenza, Bronchitis and Pneumonia :—

Week ending	INFLUENZA			BRONCHITIS			PNEUMONIA		
	No.	%	Total deaths	No.	%	Total deaths	No.	%	Total deaths
16/2/29 ...	18	...	18.1	...	26	...	26.2	...	6 ... 6.06
23/2/29 ...	53	...	29.4	...	43	...	23.8	...	20 ... 11.1
2/3/29 ...	52	...	27.3	...	42	...	22.2	...	23 ... 12.1
9/3/29 ...	34	...	26.1	...	29	...	22.3	...	13 ... 10.0

The total deaths from these three causes weekly were :

Week ending	No.	% Total deaths
16/2/29 ...	50	50.5
23/2/29 ...	116	64.4
2/3, 29 ...	117	61.5
9/3/29 ...	76	58.4
Total for four weeks ...	<u>359</u>	<u>59.9</u>

Age groups of above are given below :—

Disease	Under 1 year	1—5 years	5—15 years	15—25 years	25—45 years	45—55 years	55—65 years	65—75 years	75 yrs. & Upwards	Total
Influenza .....	4	8	3	5	18	30	28	37	24	157
Bronchitis .....	3	3	—	—	5	13	32	47	37	140
Pneumonia.....	11	24	2	1	6	5	2	8	3	62
Total .....	18	35	5	6	29	48	62	92	64	359

#### No. of Deaths.

	Males	Females	Total
Influenza ...	78	79	157
Bronchitis ...	52	88	140
Pneumonia ...	33	29	62
Total ...	<u>163</u>	<u>196</u>	<u>359</u>

During the four weeks the following deaths occurred from Influenza, Bronchitis and Pneumonia:—

Week ending	Influenza No. X Total deaths	Bronchitis No. X Total deaths	Pneumonia No. X Total deaths
16/2/29	18 ... 18.1	26 ... 26.2	6 ... 6.0
23/2/29	23 ... 23.4	43 ... 43.8	20 ... 20.1
2/3/29	22 ... 22.3	42 ... 42.2	22 ... 22.1
9/3/29	34 ... 34.1	29 ... 29.3	13 ... 13.0

The total deaths from these three causes weekly were:

Week ending	No.	X Total deaths
16/2/29	56	56.2
23/2/29	116	116.4
2/3/29	117	117.5
9/3/29	76	76.4
Total for four weeks	359	359.9

Age groups of above are given below:—

Disease	Under 1 year	1-5 years	5-15 years	15-25 years	25-45 years	45-65 years	65-75 years	75 years and over	Total
Influenza	4	8	8	8	12	20	28	37	127
Bronchitis	3	3	—	—	5	13	23	47	140
Pneumonia	11	24	2	1	6	5	2	3	63
Total	18	35	8	8	20	48	53	90	359

No. of Deaths

Disease	Males	Females	Total
Influenza	78	79	157
Bronchitis	52	88	140
Pneumonia	38	25	63
Total	168	192	359



The ward distribution of the deaths from these three diseases :—

	Influenza	Bronchitis	Pneumonia	Total
St. Mary's ...	8	11	7	26
St. Peter's ...	11	10	9	30
Werneth ...	19	7	4	30
Westwood ...	15	20	3	38
St. Paul's ...	8	12	4	24
Coldhurst ...	7	14	4	25
Hartford ...	14	12	5	31
Hollinwood ...	13	14	3	30
Clarksfield ...	16	13	5	34
Mumps ...	10	9	8	27
St. James's ...	15	6	5	26
Waterhead ...	21	12	5	38
	157	140	62	359

### DEATHS FROM INFLUENZA, BRONCHITIS AND PNEUMONIA.

Incidence of the deaths from the above diseases during the year.

Disease	MONTHS												Total	% of total deaths
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Influenza .....	5	126	69	7	2	—	2	1	1	—	1	4	218	8·2
Bronchitis .....	56	117	67	21	16	8	11	9	11	13	17	19	365	13·7
Pneumonia .....	23	51	44	16	17	15	14	8	6	13	22	15	244	9·2
Total .....	84	294	180	44	35	23	27	18	18	26	40	38	827	31·2

### DISINFECTION.

The same arrangements exist as in previous years, viz : a central depot with Steam Disinfector, Removal Van, Cleansing Baths, etc., and a small Disinfector (current steam) at the Infectious Disease Hospital.



The ward distribution of the deaths from these three diseases:—

Ward	Influenza	Whooping Cough	Pneumonia	Total
St. Mary's	8	11	7	26
St. Peter's	11	10	9	30
Werneth	19	7	4	30
Westwood	15	20	3	38
St. Paul's	8	12	4	24
Goldhurst	7	14	4	25
Hartford	14	12	3	31
Hollinwood	13	14	3	30
Clarksfield	16	18	5	39
Mumps	10	9	8	27
St. James's	15	6	5	26
Waterhead	21	12	5	38
Total	157	140	62	359

## DEATHS FROM INFLUENZA, BRONCHITIS AND PNEUMONIA

Incidence of the deaths from the above diseases during the year.

Disease	MONTHS												Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Whooping Cough	5	12	6	7	2	1	1	1	1	1	4	41	
Pneumonia	60	117	67	21	16	2	11	9	11	12	17	362	
Influenza	22	21	44	16	17	12	12	8	6	10	22	244	
Total	87	150	117	44	35	23	24	19	19	23	23	647	

## DISINFECTION.

The same arrangements exist as in previous years, viz: a central depot with Steam Disinfectant, Removal Van, Dressing Baths, etc. and a small Disinfectant (current steam) at the Infectious Disease Hospital.

# Hospitals.

## WESTHULME HOSPITAL.

The General Infectious Disease Hospital for the Borough. It is a training school for the Fever Nursing Certificate. Cases are received from the Guardians and if there are beds available, from the surrounding Districts of Chadderton, Crompton, Royton, Lees, Failsworth and Saddleworth.

The following is a summary of the cases admitted during last year and this:—

DISEASE	1928		1929	
	CASES	DEATHS	CASES	DEATHS
Measles ... ..	7	1	16	1
Scarlet Fever ... ..	256	2	475	3
Diphtheria ... ..	276	31	240	14
Enteric ... ..	6	3	6	2
Erysipelas ... ..	0	0	0	0
Tuberculosis ... ..	82	25	83	35
Chicken-pox ... ..	1	0	0	0
Malnutrition ... ..	0	0	0	0
Cross Infections ... ..	8	2	15	1
Encephalitis Lethargica ...	1	1	0	0
Cerebro Spinal Meningitis ...	1	1	0	0
Total ...	638	66	835	56

## STRINESDALE SANATORIUM.

During the year 73 cases were admitted, and 8 died.

The administrative portion is gradually becoming more deteriorated.

# Hospitals.

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The General Infectious Disease Hospital for the Borough. It is a training school for the Fever Nursing Certificate. Cases are received from the Guardians and if there are beds available, from the surrounding Districts of Chaderton, Crompton, Keston, Lees, Radcliffe and Saddleworth.

The following is a summary of the cases admitted during last year and this:—

DISEASE	1922	1923	1924	1925
Measles	...	...	...	...
Scarlet Fever	...	...	...	...
Diphtheria	...	...	...	...
Enteric	...	...	...	...
Erysipelas	...	...	...	...
Tuberculosis	...	...	...	...
Chicken-pox	...	...	...	...
Malnutrition	...	...	...	...
Gross Infections	...	...	...	...
Encephalitis Lethargica	...	...	...	...
Cerebro Spinal Meningitis	...	...	...	...
Total	...	...	...	...

## STRINEBDALE SANATORIUM.

During the year 78 cases were admitted, and 8 died.

The administrative portion is gradually becoming more deteriorated.



## RACEFIELD SMALLPOX HOSPITAL

The cases of Smallpox which occurred during the year were sent to Hartshead Hospital as the above Hospital is let to the County Council for the treatment of Tuberculosis.

Eighteen cases of Smallpox were sent to this Hospital and there were no deaths.

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## CORONER'S COURT.

The Coroner has kindly supplied me with particulars of the inquests held during the past year as follows:—

	MALES	FEMALES	TOTAL
Deaths reported to the Coroner	239	158	397
Inquests ... ..	123	73	196
Verdicts—Suicide ... ..	12	4	16
Accidents, etc. ...	51	32	83
Natural Causes ...	53	34	87
Open Verdicts ... ..	7	3	10
Adjourned ... ..	0	0	0

Of the total number of deaths 136 were mental defectives in Institutions, 34 other inmates of other Institutions and 227 other persons. In 201 cases reported the deaths were investigated by the Coroner but no inquests held. Sixty-eight inquests were held with a jury and 128 without.

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## CANCER.

The total deaths from this disease show a considerable increase there being 240 deaths attributed to this disease

# RACINEFIELD SMALLPOX HOSPITAL

The cases of Smallpox which occurred during the year were sent to Racinefield Hospital as the above Hospital is set to the County Council for the treatment of Tuberculosis.

Eighteen cases of Smallpox were sent to this Hospital and there were no deaths.

## CORONER'S COURT.

The Coroner has kindly supplied me with particulars of the inquests held during the past year as follows:—

MALES FEMALES TOTAL			
327	128	239	Deaths reported to the Coroner
198	73	123	Indquests ... ..
18	4	12	Verdicts—Suicide ... ..
83	32	51	Accidents, etc. ... ..
87	84	53	Natural Causes ... ..
10	3	7	Open Verdicts ... ..
0	0	0	Adjourned ... ..

Of the total number of deaths 128 were mental diseases in Institutions, 34 other inmates of other Institutions and 227 other persons. In 201 cases reported the deaths were investigated by the Coroner but no inquests held. Sixty-eight inquests were held with a jury and 128 without.

## CANCER.

The total deaths from this disease show a considerable increase there being 240 deaths attributed to this disease



compared with 216 in the previous year. The deaths in the last five years were as follows, and 240 is the largest number which have previously occurred in one year.

1925	...	...	...	201
1926	...	...	...	233
1927	...	...	...	219
1928	...	...	...	216
1929	...	...	...	240

The following Tables give further details respecting the disease.

The Cancer deaths were ascribed to:—

Cancer (no classification)	...	...	42
Carcinoma	...	...	174
Epithelioma	...	...	14
Hypernephroma	...	...	1
Neoplasm	...	...	2
Sarcoma	...	...	6
Rodent Ulcer	...	...	1
			<hr/>
	Total	...	240

TABLE.

CANCER DEATHS—PARTS OF BODY AFFECTED.

Parts Affected	Age	Under 35		35—45		45—55		55—65		65—75		75—85		85 and Up		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Buccal Cavity	...	...	...	...	1	...	4	1	1	...	...	...	...	...	...	6	1
Peritoneum, Intestines and Rectum	...	...	...	1	1	2	4	13	5	9	5	2	3	...	...	27	18
Pharynx, Oesophagus, Stomach, Liver and Annexa	...	...	1	5	5	8	4	23	11	9	14	3	7	...	...	48	42
Female Genital Organs	...	...	1	...	6	...	11	...	6	...	3	...	4	...	...	...	31
Breast	...	...	1	...	4	...	8	...	9	...	3	...	2	...	...	...	27
Skin (excluding Scrotum)	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Scrotum	...	...	...	1	...	2	...	2	...	2	...	...	...	...	...	7	...
Other Organs	...	...	...	...	2	2	2	9	3	8	3	1	2	...	...	20	12
Total	...	...	3	7	18	15	29	51	36	29	28	6	18	...	...	108	132





## BACTERIOLOGY.

All Specimens for Bacteriological Examination except Sputum are sent to the Public Health Laboratory at Manchester University.

The following Specimens were sent from the Health Department during the year:—

	Number	Positive	Negative
Diphtheria Swabs	475	85	390
Typhoid Fever	21	0	21
Tuberculosis (Milk)	—	—	—
Cerebro. Spinal Fluid	2	—	—
Fæces and Urine	13	—	—
Others	4	—	—

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—	—	—	Tuberculosis (Milk)
3	—	—	Cerebro Spinal Fluid
13	—	—	Faeces and Urine
4	—	—	Others



## VITAL STATISTICS.

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**POPULATION.** The Registrar General's estimate of the Population has this year been decreased from 143,200 to 142,500 and the general rates have been calculated on this figure. As there is no means of allotting these figures to the various Wards the Ward rates have been calculated on the Census figures.

With the exception of the Infantile Mortality rate, most of the statistics are only of a relative value.

**BIRTHS.** There is again a decrease in the number of births there being only 1,887 compared with 2,044 in the previous year, and the deaths exceeded the births by 759.

The Birth Rate for the year was 13·2 and this is the lowest ever recorded in the Borough. The previous lowest birth rate was in 1918 when it was 13·8.

In St. Peter's Ward the birth rate on the census figures was only 7·9. The highest was in Clarksfield where it was 23·8 but as the population has changed considerably in the wards these rates are probably very different from the true rates.

**DEATHS.** The total deaths were 2,646, equal to a rate on the estimated population of 18·5.

This rate is the highest since 1918 and is principally due to the influenza epidemic. In none of the wards was the rate much above or below the average for the town.

## VITAL STATISTICS

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This rate is the highest since 1918 and is principally due to the influenza epidemic. In none of the wards was the rate much above or below the average for the town.



The following figures allow a comparison of the Oldham rates with other areas and with other industrial towns :—

	Birth Rate	Death Rate	Infantile Mortality Rate
England and Wales...	16·3	13·4	74
107 Great Towns ...	16·6	13·7	79
157 Smaller Towns ...	16·0	12·3	69
Oldham ... ..	13·2	18·5	117
Blackburn...	12·4	14·7	84
Bolton ... ..	14·4	15·2	101
Burnley ... ..	13·9	14·6	103
Bury ... ..	13·6	15·3	73
Liverpool ... ..	21·6	14·8	95
Manchester ... ..	17·3	15·3	96
Preston ... ..	15·5	13·6	97
Rochdale ... ..	14·3	16·8	74
St. Helens...	20·4	14·1	110
Salford ... ..	16·4	14·3	114
Warrington ... ..	19·3	14·2	101



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Salford ...	16.4	14.3	114
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The following table gives the death rates from certain specified diseases in the various Wards calculated on the Census figures. This table formerly gave a very valuable comparison but owing to the changes of population is of much less value.

Ward	Infectious Diseases			Tuberculosis		Respiratory Diseases			Diarrhoea and Enteritis	Deaths under one year per 1,000 births
	Measles	Whooping Cough	Diphtheria	Pulmon'y	Other Forms	Influenza	Bronchitis	Pneumonia	Under 2 years	
St. Mary's ...	0·18	0·36	0·27	0·72	0·09	1·36	3·27	2·27	0·18	148
St. Peter's ...	0·08	0·34	0·08	0·60	0·34	1·38	1·90	1·38	...	54
Werneth .....	0·16	0·16	...	0·57	...	1·89	2·14	1·64	...	59
Westwood ...	...	0·73	0·20	0·87	0·06	1·81	2·61	1·41	0·06	84
St. Paul's ...	0·13	0·33	0·13	0·53	0·06	1·00	2·08	1·21	...	134
Coldhurst ...	...	0·75	0·28	1·03	0·28	0·94	2·45	1·22	...	170
Hartford...	0·22	0·83	0·07	1·06	0·22	1·06	2·81	1·75	...	134
Hollinwood...	0·20	0·30	0·10	1·21	0·10	2·21	3·12	1·40	0·20	173
Clarksfield ...	0·06	0·44	0·06	0·82	0·18	1·20	2·71	1·51	...	45
Mumps ...	0·11	0·58	0·23	1·98	0·23	1·28	2·91	2·44	...	112
St. James's ..	0·35	0·62	...	1·07	0·17	1·96	2·05	1·78	0·26	175
Waterhead ..	0·37	0·45	...	1·21	0·22	1·81	1·74	1·89	0·07	210
Borough	0·16	0·51	0·11	1·00	0·16	1·50	2·51	1·68	0·06	117

The following table gives the death rates from certain specified diseases in the various *Wards* calculated on the Census figures. This table formerly gave a very valuable comparison but owing to the changes of population is of much less value.

Ward	Intestinal Diseases			Tuberculosis		Respiratory Diseases			Deaths and Burials per 1,000
	Cholera	Typhoid	Disentery	Lung	Other	Atmospheric	Infantile	Adult	
St. Mary's	0.18	0.36	0.27	0.72	0.03	1.26	2.27	2.27	0.18
St. Peter's	0.08	0.24	0.08	0.60	0.24	1.22	1.26	1.26	...
Wentworth	0.18	0.18	...	0.27	...	1.89	2.14	1.64	...
Westwood	...	0.73	0.20	0.27	0.06	1.81	2.01	1.41	0.06
St. Paul's	0.12	0.23	0.13	0.23	0.08	1.09	2.08	1.21	...
Goldsmith	...	0.75	0.22	1.02	0.26	0.94	2.46	1.25	...
Hartford	0.22	0.42	0.07	1.02	0.22	1.02	2.81	1.75	...
Hollinwood	0.20	0.30	0.10	1.21	0.19	2.21	2.12	1.40	0.20
Clarendon	0.06	0.44	0.06	0.82	0.12	1.20	2.71	1.21	...
Munroe	0.11	0.28	0.23	1.26	0.22	1.22	2.81	2.44	...
St. James's	0.22	0.22	...	1.07	0.17	1.96	2.02	1.78	0.22
Westland	0.27	0.45	...	1.21	0.22	1.81	1.74	1.82	0.07
Borough	0.18	0.21	0.11	1.00	0.18	1.50	2.21	1.62	0.06



# VITAL STATISTICS, 1929.

## SUMMARY.

Population estimated by the Registrar General to  
the middle of the year ... .. 142,500

Nett Births registered in the 52 weeks ending  
December 28th, 1929... Males ... 971 } 1,887  
Females ... 916 }

Nett Deaths registered in the 52 weeks ending  
December 28th, 1929... Males ... 1,289 } 2,646  
Females ... 1,357 }

Deaths from the seven principal Zymotic diseases 123

Deaths under 1 per 1,000 Births ... .. 117

Annual Rate of Births per 1,000 living population 13.2

Annual Rate of Mortality from all causes per 1,000  
living population ... .. 18.5

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

Of the 2,646 deaths registered during the year 1929,  
386 or 14.5 per cent. were those of children under 5  
years of age.

## PRINCIPAL CAUSES OF DEATHS

Influenza	... ..	218	Debility, &c.	... ..	37
Bronchitis	... ..	365	Cancer	... ..	240
Pneumonia	... ..	244	Convulsions	... ..	10
Phthisis	... ..	144	Diarrhoea...	... ..	16
Heart Disease...	... ..	238	Premature Birth	... ..	40
Measles	... ..	23	Whooping Cough	... ..	73
Apoplexy, &c....	... ..	179	Accidents...	... ..	57
Diphtheria	... ..	17			

## VITAL STATISTICS, 1929.

## SUMMARY.

Population estimated by the Registrar General to the middle of the year ... 1,125,500

Nett Births registered in the 52 weeks ending December 28th, 1929 ... Males 971  
Females 916 ... 1,887

Nett Deaths registered in the 52 weeks ending December 28th, 1929 ... Males 1,389  
Females 1,257 ... 2,646

Deaths from the seven principal Zymotic diseases 123

Deaths under 1 per 1,000 Births ... 117

Annual Rate of Births per 1,000 living population 13.2

Annual Rate of Mortality from all causes per 1,000 living population 18.5

Annual Rate of Mortality per 1,000 living population from the seven principal Zymotic diseases 0.8

Of the 2,646 deaths registered during the year 1929, 26 or 1.45 per cent. were those of children under 5 years of age.

## PRINCIPAL CAUSES OF DEATHS

37	Debility, &c.	218	Influenza
240	Cancer	363	Scarlatina
10	Convulsions	244	Measles
16	Diphtheria	144	Whooping Cough
40	Premature Birth	238	Accidents
73	Whooping Cough	231	Phthisis
27	Accidents	179	Polio
		171	Phthisis



TABLE No. 1.  
HOUSES BUILT IN THE BOROUGH.

YEAR.				No. of Houses Built
March, 1889, to March, 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	...	...	2
" 1918	" 1919	...	..	1
" 1919	" 1920	...	...	4
" 1920	" 1921	...	...	27
" 1921	" 1922	...	..	29
" 1922	" 1923	...	...	318
" 1923	" 1924	...	...	42
" 1924	" 1925	...	...	84
" 1925	" 1926	...	...	179
" 1926	" 1927	...	...	189
" 1927	" 1928	...	...	396
" 1928	" 1929	...	...	348
" 1929	" 1930	...	...	447



TABLE No. 1.  
HOUSES BUILT IN THE BOROUGH.

No. of Houses Built	Year
447	1930
368	1929
286	1928
189	1927
173	1926
84	1925
43	1924
218	1923
23	1922
37	1921
4	1920
1	1919
2	1918
16	1917
85	1916
212	1915
282	1914
288	1913
208	1912
122	1911
413	1910
298	1909
210	1908
169	1907
163	1906
242	1905
327	1904
275	1903
439	1902
543	1901
608	1900
455	1899
506	1898
506	1897
560	1896
594	1895
584	1894
582	1893
527	1892
120	1891
214	1890
218	March, 1889 to March, 1890

TABLE No. 2.

INFANTILE MORTALITY DURING 52 WEEKS  
ENDING DECEMBER 28th, 1929.

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	43	14	5	7	69	46	43	27	32	217
	Uncertified	...	...	...	1	1	2	...	...	1	4
Small-Pox		...	...	...	...	...	...	...	...	...	...
Chicken-Pox		...	...	...	...	...	...	...	...	...	...
Measles		...	...	...	...	...	...	...	...	...	...
Scarlet Fever		...	...	...	...	...	2	2	3	7	...
Whooping Cough		...	...	...	1	1	7	6	5	3	22
Diphtheria and Croup		...	...	...	...	...	...	...	...	...	...
Erysipelas		...	...	...	...	...	...	...	...	...	...
Tubercular Meningitis		...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis		...	...	...	...	...	...	...	...	1	1
Other Tuberculous Diseases		...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)		...	...	...	...	...	...	...	...	...	...
Convulsions		3	...	1	1	5	2	2	...	1	3
Laryngitis		...	...	...	...	...	...	1	...	...	8
Bronchitis		...	1	...	...	1	7	...	...	...	...
Pneumonia (all forms)		1	...	...	2	3	7	12	11	6	15
Diarrhoea		...	...	...	...	...	1	...	...	16	49
Enteritis		...	...	1	...	1	3	3	...	...	1
Gastritis		...	...	...	...	...	...	...	...	...	7
Syphilis		1	...	...	...	...	...	...	...	...	...
Rickets		...	...	...	...	1	2	...	...	...	3
Suffocation, overlying		...	...	...	...	...	...	...	...	1	1
Injury at Birth		1	1	1	...	3	...	1	...	...	1
Atelectasis		1	2	...	...	3	...	...	...	...	3
Congenital Malformations		1	1	...	1	3	2	...	...	...	3
Premature Birth		29	5	2	3	39	1	...	...	...	5
Atrophy, Debility and Marasmus		6	4	...	...	10	13	7	3	1	34
Other Causes		...	...	...	...	...	3	9	5	1	18
TOTALS.....		43	14	5	8	70	48	43	27	33	221





TABLE No. 3.

DISEASES UNDER ONE YEAR OF AGE IN 1929.

Nature of Disease.	How Fed.					Occupation of Mother.				TOTALS
	Breast.	Bottle.	Both Breast and Bottle.	Artificial food.	No Food.	Cotton Worker.	Charwoman or Domestic Servant.	Other Occupations.	Housework.	
Small-pox .....	...	...	...	...	...	...	...	...	...	...
Chicken-pox .....	...	...	...	...	...	...	...	...	...	...
Measles.....	...	1	...	6	...	2	...	...	5	7
Scarlet Fever .....	...	...	...	...	...	...	...	...	...	...
Whooping Cough .....	14	2	...	6	...	7	...	...	15	22
Diphtheria & Croup .....	...	...	...	...	...	...	...	...	...	...
Erysipelas .....	...	...	...	...	...	...	...	...	...	...
Tubercular Meningitis .....	...	1	...	...	...	1	...	...	...	1
Abdominal Tuberculosis.....	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases .....	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tubercular) ... ..	1	...	...	2	...	2	...	...	1	3
Convulsions .....	4	2	...	1	1	4	1	...	3	8
Laryngitis .....	...	...	...	...	...	...	...	...	...	...
Bronchitis .....	10	...	1	4	...	4	...	...	11	15
Pneumonia (all forms) .....	33	3	3	10	...	16	1	1	31	49
Diarrhœa .....	...	...	1	...	...	1	...	...	...	1
Enteritis .....	3	1	...	3	...	2	...	...	5	7
Gastritis .....	...	...	...	...	...	...	...	...	...	...
Syphilis.....	1	1	...	...	1	...	...	...	3	3
Rickets .....	...	...	...	1	...	...	...	1	...	1
Suffocation, over-lying .....	1	...	...	...	...	...	...	...	1	1
Injury at birth.....	2	...	...	...	1	...	...	...	3	3
Atelectasis .....	2	...	...	...	1	1	...	...	2	3
Congenital Malformation .....	3	...	...	...	2	1	...	...	4	5
Premature Birth ..	16	3	...	3	18	10	2	...	28	40
Atrophy, Debility, and Marasmus...	19	2	2	9	2	9	3	1	21	34
Other Causes .....	9	...	3	6	...	9	...	...	9	18
TOTALS .....	118	16	10	51	26	69	7	3	142	221

TABLE No. 2.

DISEASES UNDER ONE YEAR OF AGE IN 1923.

DISEASE	How Fed					Composition of Mother's Milk		
	Amount	Amount fed daily	Amount fed weekly	Amount fed monthly	Amount fed quarterly	Amount fed semi-monthly	Amount fed monthly	
Other Diseases	3	3	3	3	3	3	3	
Atrophy, Dehiscence, and Marasmus	19	3	3	3	3	3	3	
Premature Birth	18	3	3	3	3	3	3	
Formation	3	3	3	3	3	3	3	
Congenital Mal-	3	3	3	3	3	3	3	
Atelectasis	3	3	3	3	3	3	3	
Injury at Birth	3	3	3	3	3	3	3	
Lying	1	3	3	3	3	3	3	
Distention, over-	1	3	3	3	3	3	3	
Rickets	1	3	3	3	3	3	3	
Erythema	1	3	3	3	3	3	3	
Gastritis	1	3	3	3	3	3	3	
Enteritis	3	3	3	3	3	3	3	
Diarrhea	1	3	3	3	3	3	3	
Pneumonia (all forms)	33	3	3	3	3	3	3	
Prostatitis	10	3	3	3	3	3	3	
Laryngitis	10	3	3	3	3	3	3	
Convulsions	4	3	3	3	3	3	3	
Tuberculosis	1	3	3	3	3	3	3	
Meningitis (not	1	3	3	3	3	3	3	
Diphtheria	1	3	3	3	3	3	3	
Other Tuberculosis	1	3	3	3	3	3	3	
Tuberculosis	1	3	3	3	3	3	3	
Abdominal	1	3	3	3	3	3	3	
Tubercular Meningitis	1	3	3	3	3	3	3	
Erysipelas	1	3	3	3	3	3	3	
Diphtheria & Croup	14	3	3	3	3	3	3	
Whooping Cough	14	3	3	3	3	3	3	
Scarlet Fever	1	3	3	3	3	3	3	
Measles	1	3	3	3	3	3	3	
Chicken-pox	1	3	3	3	3	3	3	
Small-pox	1	3	3	3	3	3	3	
Totals	118	10	10	10	10	10	10	



TABLE No. 6.—Showing Population, Births and Birth Rates, Deaths and Death Rates.—1929.

WARD.	Census Population 1921	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 .....	10,986	124	87.9	59	76	135	12.2	105	90	195	17.7
St. Peter's .....	11,562	284	37.5	49	43	92	7.9	86	98	184	15.9
Werneth .....	12,113	264	44.5	51	66	117	9.6	97	100	197	16.2
Westwood .....	14,888	281	51.8	169	140	309	20.7	111	132	243	16.3
St. Paul's .....	14,863	485	32.7	77	79	156	10.4	115	112	227	15.2
Coldhurst .....	10,583	143	69.4	56	44	100	9.4	91	84	175	16.5
Hartford .....	13,133	202	63.5	72	54	126	9.5	108	128	236	17.9
Hollinwood.....	9,915	417	23.6	60	49	109	10.9	89	88	177	17.8
Clarksfield .....	15,824	652	24.9	196	181	377	23.8	123	159	282	17.8
Mumps .....	8,583	135	59.5	61	72	133	15.4	79	101	180	20.9
St. James' .....	11,205	967	11.3	69	51	120	10.7	97	106	203	18.1
Waterhead .....	13,205	781	17.2	83	74	157	11.8	134	140	274	20.7
Transferred Births and Deaths	...	..	...	-31	-13	-44	...	+54	+19	+73	...
Registrar General's Estimate.....	142,500	4,735	30.09	971	916	1,887	13.2	1,289	1,357	2,646	18.5

The Population of the Wards are Census numbers.



The Laboratory of the Ministry of Science and Education

Name of the Laboratory	143'200	4'182	30'03	331	316	1'281	13-3	1'333	1'321	1'910	18-2
Лаборатория	...	...	...	-12-	-18-	-44-	...	+24	+10	+43	...
Лаборатория	13'302	421	11-3	33	14	121	11-3	134	140	314	31-1
Лаборатория	11'300	391	11-3	33	11	130	10-1	31	102	302	18-1
Лаборатория	9'282	132	20-2	31	13	123	12-4	13	101	130	20-2
Лаборатория	10'284	303	24-3	130	131	211	22-0	133	123	333	11-3
Лаборатория	5'012	411	23-0	30	43	103	10-3	33	36	111	11-3
Лаборатория	12'123	303	23-0	13	24	130	3-0	102	132	330	11-0
Лаборатория	10'283	143	23-4	30	44	100	3-4	31	34	112	10-2
Лаборатория	14'222	432	23-1	11	13	120	10-1	112	113	331	12-3
Лаборатория	14'223	381	21-3	123	140	300	20-1	111	133	342	10-3
Лаборатория	13'113	304	24-2	21	30	111	3-2	31	100	131	12-3
Лаборатория	11'223	334	21-2	43	43	35	1-3	33	36	133	12-3
Лаборатория	10'282	134	21-3	33	12	132	13-1	103	30	132	11-1
Лаборатория	...	...	...	...	...	...	...	...	...	...	...

TABLE No. 9.—FOR WHOLE DISTRICT.

Y EAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED 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 register'd	Number	Rate.						
								5	6				
1917	...	2150	14.4	238	110	2298	17.2	701	229	67	2136	16.0	
1918	...	2057	13.8	243	118	3036	22.8	828	287	72	2821	21.1	
1919	...	2246	15.7	213	95	2390	17.2	438	225	56	2221	16.0	
1920	143,154	3372	23.6	355	105	2285	16.0	451	205	60	2140	15.0	
1921	148,300	3136	21.3	341	109	2333	15.9	397	207	52	2178	14.8	
1922	148,300	2835	19.3	301	106	2531	17.2	537	256	57	2332	15.8	
1923	147,500	2617	17.8	289	110	2560	17.4	527	264	56	2352	16.0	
1924	147,300	2433	16.3	260	107	2226	14.9	416	237	56	2045	13.7	
1925	146,200	2279	15.5	236	103	2376	16.1	522	255	65	2186	14.8	
1926	143,000	2338	16.1	241	103	2565	17.7	590	805	68	2328	16.0	
Averages for years 1917-1926	.....	2546	17.4	272	106	2460	17.2	541	247	61	2274	15.9	
1927	141,400	2095	14.6	181	86	2249	15.7	543	281	86	2054	14.4	
1928	143,200	2044	14.1	181	88	2289	15.9	905	300	88	2064	14.4	
1929	142,500	1887	13.2	221	117	2913	20.3	1095	330	73	2646	18.5	

AT CENSUS OF 1921.—Total population at all ages, 145,001. Number of inhabited houses, 34,781.  
 Area of District in Acres, 4,735.  
 Average number of persons per house, 4.26.







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 1897-1929.

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	
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	13.0	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
1918	149,285	13.8	21.1	1.0	1.2	2.7	2.3	118
1919	.....	15.7	16.0	0.6	0.9	2.2	1.1	95
1920	143,154	23.6	15.0	0.4	1.1	1.6	1.2	105
1921	148,300	21.3	14.8	0.5	0.8	1.7	1.2	109
Average 5 y'rs		17.7	16.6	0.6	1.1	2.1	1.4	107
1922	148,300	19.3	15.8	0.7	0.9	2.0	1.2	106
1923	148,300	17.8	16.0	0.5	0.8	2.2	1.5	110
1924	147,300	16.3	13.7	0.3	0.8	1.7	1.2	111
1925	146,200	15.5	14.8	0.5	0.8	1.7	1.1	103
1926	143,000	16.1	16.0	0.7	0.8	1.9	1.4	106
Average 5 y'rs		17.0	15.2	0.5	0.8	1.9	1.3	107
1927	141,400	14.6	14.4	0.2	0.7	1.7	1.2	86
1928	143,200	14.1	14.4	0.4	0.8	1.6	0.9	88
1929	142,500	13.2	18.5	0.86	1.0	2.5	1.7	117

\* Estimated for Deaths.

TABLE No. 10.

Showing the Birth-rates, also Rates of Mortality from all causes from the seven principal Zymotic Diseases, and from Phthisis, Rheumatism, and Pneumonia during the years 1897-1902

Year	Population	Births	Deaths	Zymotic Diseases	Phthisis	Rheumatism	Pneumonia	Deaths from all causes
1897	135,045	28.2	20.7	2.7	1.7	2.0	2.2	18.3
1898	135,617	27.7	19.2	2.4	1.7	2.1	2.2	17.4
1899	136,310	27.5	22.7	2.4	1.6	2.0	2.2	16.8
1900	136,797	27.1	22.0	2.7	1.9	2.0	2.3	17.3
1901	137,552	24.6	19.7	2.5	1.6	2.2	2.3	17.8
Average 5 yrs	27.0	20.9	2.6	1.7	2.4	2.3	18.0	
1902	138,091	26.1	19.1	2.0	1.6	2.1	2.0	14.8
1903	138,786	25.6	18.6	2.4	1.6	2.4	1.6	15.0
1904	139,497	24.9	18.2	2.3	1.4	2.2	1.5	15.5
1905	140,225	24.2	18.1	2.1	1.5	1.9	1.6	15.0
1906	140,963	25.9	18.8	2.8	1.8	1.7	1.6	14.6
Average 5 yrs	25.5	18.6	2.3	1.4	2.0	1.6	1.5	15.2
1907	141,730	26.6	19.3	1.6	1.6	2.5	1.5	14.4
1908	142,507	28.4	20.1	2.6	1.6	2.2	1.5	15.9
1909	143,301	27.4	19.0	1.1	1.4	2.2	1.6	11.9
1910	144,709	26.2	16.7	1.8	1.1	1.7	1.5	12.7
1911	145,751	24.4	18.2	2.5	1.2	1.7	1.5	13.9
Average 5 yrs	26.4	18.6	1.9	1.3	1.3	2.0	1.6	14.1
1912	146,540	22.9	16.2	1.3	1.3	1.8	1.3	11.7
1913	147,326	22.2	17.1	1.4	1.2	2.0	1.3	12.0
1914	151,044	22.0	17.8	2.5	1.2	1.9	1.4	13.6
1915	141,781	20.8	19.0	1.0	1.4	2.2	1.6	13.6
1916	136,128	17.8	16.7	0.9	1.3	1.8	0.9	13.2
Average 5 yrs	21.5	17.2	1.4	1.2	1.2	1.9	1.3	12.2
1917	132,721	14.4	16.0	0.8	1.3	2.1	1.3	11.0
1918	140,265	13.8	21.1	1.0	1.2	2.7	2.2	11.8
1919	141,151	16.7	16.0	0.6	0.9	2.2	1.1	8.5
1920	142,151	22.6	15.0	0.4	1.1	1.5	1.2	10.6
1921	148,300	21.2	14.8	0.5	0.8	1.7	1.2	10.9
Average 5 yrs	17.7	16.6	0.6	1.1	2.1	1.4	1.4	10.7
1922	148,300	19.2	15.2	0.7	0.8	2.0	1.2	10.2
1923	148,300	17.8	16.0	0.5	0.8	2.2	1.5	11.0
1924	147,300	16.2	13.7	0.3	0.8	1.7	1.2	11.1
1925	146,300	15.2	14.8	0.5	0.8	1.7	1.1	10.3
1926	143,000	16.1	16.0	0.7	0.8	1.9	1.4	10.6
Average 5 yrs	15.2	15.2	0.5	0.8	1.9	1.3	1.3	10.7
1927	141,400	14.6	14.4	0.2	0.7	1.7	1.2	8.5
1928	143,300	14.1	14.4	0.4	0.8	1.6	0.9	8.8
1929	142,300	13.2	18.2	0.86	1.0	2.5	1.7	11.7

\* 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 1894-1929.

Year	Population	Smallpox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Fever Typhus and Typhoid	Diarrhoea	Total Deaths
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*	...	46	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
1918	149,285	...	34	7	10	71	7	5	134
1919	.....	...	25	13	21	5	5	17	86
1920	143,154	...	6	6	15	17	1	12	57
1921	148,300	...	2	7	9	34	3	15	70
1922	148,300	...	70	8	11	9	3	10	111
1923	148,300	...	12	5	10	46	1	6	80
1924	147,300	...	24	2	3	13	1	5	48
1925	146,200	...	37	7	16	6	5	10	81
1926	143,000	...	23	4	19	47	2	4	99
1927	141,400	1	7	...	17	6	1	4	36
1928	143,200	...	9	1	35	4	...	21	70
1929	142,500	...	23	2	17	73	2	16	123

\* 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 1894-1939.

Year	Population	Scarlet fever	Diphtheria	Whooping cough	Measles	Epidemic Typhus	Enteric Fever	Infantile Parotitis	Small pox	Scarlet fever	Deaths
1894	133,313	32	36	32	32	32	32	32	32	32	32
1895	133,313	32	36	32	32	32	32	32	32	32	32
1896	134,475	...	136	...	...	...	...	...	...	...	...
1897	135,045	...	96	...	...	...	...	...	...	...	...
1898	135,617	...	87	...	...	...	...	...	...	...	...
1899	136,310	...	49	...	...	...	...	...	...	...	...
1900	136,737	3	109	...	...	...	...	...	...	...	...
1901	137,382	73	41	...	...	...	...	...	...	...	...
1902	138,081	7	103	...	...	...	...	...	...	...	...
1903	138,785	33	43	...	...	...	...	...	...	...	...
1904	139,437	14	70	...	...	...	...	...	...	...	...
1905	140,235	5	65	...	...	...	...	...	...	...	...
1906	140,963	...	135	...	...	...	...	...	...	...	...
1907	141,730	...	35	...	...	...	...	...	...	...	...
1908	142,507	...	82	...	...	...	...	...	...	...	...
1909	143,301	...	43	...	...	...	...	...	...	...	...
1910	143,700	...	64	...	...	...	...	...	...	...	...
1911	144,751	...	64	...	...	...	...	...	...	...	...
1912	145,840	...	63	...	...	...	...	...	...	...	...
1913	146,936	...	38	...	...	...	...	...	...	...	...
1914	151,044	...	109	...	...	...	...	...	...	...	...
1915	151,781*	...	45	...	...	...	...	...	...	...	...
1916	152,135*	...	73	...	...	...	...	...	...	...	...
1917	152,721	...	34	...	...	...	...	...	...	...	...
1918	152,883	...	35	...	...	...	...	...	...	...	...
1919	153,154	...	6	...	...	...	...	...	...	...	...
1920	153,300	...	7	...	...	...	...	...	...	...	...
1921	153,300	...	7	...	...	...	...	...	...	...	...
1922	153,300	...	12	...	...	...	...	...	...	...	...
1923	153,300	...	24	...	...	...	...	...	...	...	...
1924	153,300	...	27	...	...	...	...	...	...	...	...
1925	153,000	...	23	...	...	...	...	...	...	...	...
1926	153,000	...	17	...	...	...	...	...	...	...	...
1927	153,000	...	17	...	...	...	...	...	...	...	...
1928	153,000	...	17	...	...	...	...	...	...	...	...
1929	153,000	...	17	...	...	...	...	...	...	...	...
1930	153,000	...	17	...	...	...	...	...	...	...	...
1931	153,000	...	17	...	...	...	...	...	...	...	...
1932	153,000	...	17	...	...	...	...	...	...	...	...
1933	153,000	...	17	...	...	...	...	...	...	...	...
1934	153,000	...	17	...	...	...	...	...	...	...	...
1935	153,000	...	17	...	...	...	...	...	...	...	...
1936	153,000	...	17	...	...	...	...	...	...	...	...
1937	153,000	...	17	...	...	...	...	...	...	...	...
1938	153,000	...	17	...	...	...	...	...	...	...	...
1939	153,000	...	17	...	...	...	...	...	...	...	...

\* Estimated for Deaths

TABLE No. 12.

## Weekly Means of Meteorological Observations for the year 1929.

Date	Barometer reduced to Sea level at 32°	Hygrometer		% of saturation	TEMPERATURE.						Rainfall 12 in. above ground.	Number of Days on which rain fell	Clouds covered = 10	Sunshine recorded at Sitonsdale	
		Dry	Wet		Maximum in Shade	Minimum in Shade	Maximum in Sun Black Bulb	Minimum in Sun Black Bulb in Vacuum	Minimum on Grass	Temperature 12 in. below surface.					Temperature 4 ft. below surface.
1929															
January	5 29.64	37	37	100	37	30	39	49	26	36	35	—	47	6	17.27*
	12 29.69	33	33	100	36	30	36	41	28	35	35	—	32	7	( )
	19 29.35	35	35	100	38	30	40	49	26	35	35	—	—	9	
	26 29.35	35	35	100	41	29	44	58	24	34	34	—	—	4	
February	2 29.14	43	43	100	46	33	44	51	34	36	35	1.19	—	10	39.14*
	9 29.34	39	38	100	48	33	46	48	32	39	39	.61	2	10	
	16 29.08	27	27	36	41	20	35	57	16	35	35	—	—	5	
	23 29.37	36	36	35	40	29	43	59	20	33	33	.03	—	3	
March	2 29.44	31	31	100	44	27	37	57	18	33	33	—	—	7	77.22*
	9 29.48	41	41	100	45	30	51	68	21	33	33	—	—	3	
	16 29.59	44	44	85	57	34	63	82	24	33	33	—	—	6	
	23 29.38	46	46	43	79	52	37	58	28	35	35	.91	—	7	
	30 29.65	50	50	48	56	37	61	79	31	40	40	.44	2	6	
April	6 29.28	44	44	43	57	35	57	78	31	40	40	.46	3	3	154.16*
	13 29.40	45	45	35	52	36	55	84	32	40	40	.18	—	5	
	20 29.37	48	48	46	53	38	59	86	35	42	42	.07	1	3	
	27 29.35	41	41	40	55	32	89	89	29	42	42	.46	4	4	
May	4 29.04	45	45	44	49	37	90	90	35	43	43	.66	4	9	
	11 28.97	50	50	48	54	40	93	93	36	45	45	1.36	5	4	120.13*
	18 29.21	50	50	100	56	42	93	93	38	47	47	1.31	4	4	
	25 29.30	59	59	94	68	45	100	100	41	51	51	—	—	4	

June	1 29.48	56	56	53	65	41	103	103	41	53	53	.33	—	1	143.82*
	8 28.83	53	53	52	61	45	91	91	44	53	53	.69	6	7	19.48
	15 29.23	58	58	57	65	47	99	99	43	53	53	.77	4	4	43.03
	22 29.44	57	57	56	66	54	102	102	45	54	54	.20	3	3	40.25
	29 29.35	53	53	53	61	53	102	102	39	53	53	.05	2	1	65.00
July	6 29.17	57	57	55	62	50	69	95	46	54	54	1.39	2	4	13.80
	13 29.48	59	59	55	64	51	69	99	43	54	54	.23	3	4	30.85
	20 29.48	68	68	65	74	52	80	113	47	59	47	—	—	6	65.50
	27 29.37	60	60	59	69	56	75	103	49	59	55	.28	6	8	32.12
August	3 29.01	57	57	57	62	50	85	70	49	57	55	1.80	8	9	16.40
	10 29.04	56	56	55	60	48	68	97	45	55	54	1.69	7	9	14.75
	17 29.19	58	58	54	63	49	68	97	46	56	55	.21	3	8	31.50
	24 29.17	58	58	56	61	51	66	93	50	59	55	2.48	6	8	6.25
	31 29.28	63	63	59	66	51	73	103	46	57	55	.51	3	0	39.25
September	7 29.39	60	60	58	69	54	75	97	48	58	55	.22	3	7	36.85
	14 29.37	60	60	59	69	50	75	94	44	57	55	.17	2	6	33.25
	21 29.22	56	56	54	62	50	69	90	44	55	55	.42	3	7	28.10
	28 29.54	52	52	48	61	44	65	86	43	54	54	.27	2	4	26.00
October	5 28.98	51	51	49	55	43	59	83	39	52	52	1.63	5	7	18.10
	12 29.07	53	53	52	57	46	61	78	43	51	51	.37	3	4	23.55
	19 29.34	46	46	45	52	40	53	65	37	48	50	1.74	7	4	4.25
	26 28.86	43	43	41	47	33	49	66	29	43	48	1.65	6	8	10.02
November	2 29.11	45	45	45	50	35	50	61	34	46	46	1.45	5	9	10.10
	9 29.10	45	45	45	50	35	50	61	34	46	46	2.47	7	9	5.00
	16 28.65	39	39	37	44	35	45	59	30	42	42	1.14	3	9	30.80
	23 28.77	47	47	46	50	42	51	61	34	42	44	2.14	7	7	—
	30 28.65	45	45	44	50	39	48	60	32	44	45	1.41	7	7	—
December	7 28.37	45	45	44	49	38	49	59	36	43	45	2.21	7	10	23.75*
	14 25.78	45	45	43	47	37	46	53	36	41	44	.97	4	9	8.60
	21 29.34	38	38	37	44	32	43	48	29	40	44	1.39	6	10	2.15
	28 27.79	39	39	38	42	33	42	48	30	38	42	—	—	—	—
Means	29.14	48	48	46	51	45	57	73	36	46	47	39.49	178	6	1228.94
												Total	Total	Total	Total

\* Only records available at month ending on following dates:—January 12th, February 19th, March 9th, April 6th, May 4th, December 14th.  
x Instruments 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 28th, 1929.

CAUSE OF DEATH.	AGES.													TOTALS.
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85	85 and upwards	
<i>Classes.</i>														
I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES ...	43	82	125	27	48	48	43	72	38	32	56	35	4	528
II.—PARASITIC DISEASES ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
III.—DIETETIC DISEASES ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IV.—CONSTITUTIONAL DISEASES...	3	2	5	4	10	6	39	55	51	48	70	28	1	317
V.—DEVELOPMENTAL DISEASES...	48	2	50	1	...	1	...	...	...	2	53	68	18	193
VI.—LOCAL DISEASES .....	92	72	164	28	37	42	89	194	134	191	368	195	21	1463
VII.—DEATHS FROM VIOLENCE	1	4	5	6	6	9	6	9	9	6	13	5	3	77
VIII.—DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES ...	34	3	37	...	...	...	4	5	1	3	10	8	..	68
TOTALS .....	221	165	386	66	101	106	181	335	233	282	570	339	47	2646
<i>I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES.</i>														
<i>1. Miasmatic Diseases.</i>														
Small-pox { Vaccinated .....	...	...	..	...	...	...	...	..	...	...	...	...	...	...
Un-Vaccinated .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
No Statement .....	...	...	...	...	...	...	...	...	...	...	...	...	...	23
Measles .....	7	13	20	3	...	...	...	...	...	...	...	...	...	2
Scarlet Fever .....	...	...	...	1	...	1	...	...	...	...	...	...	...	9
Typhus .....	...	...	...	...	...	...	...	...	...	...	...	...	...	73
Whooping Cough .....	22	47	69	4	...	...	...	...	...	...	...	...	...	17
Diphtheria .....	...	9	9	8	...	...	...	...	...	...	...	...	...	...
Simple Continued and Ill-defined Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric or Typhoid Fever .....	...	...	...	...	...	...	...	1	1	...	...	...	...	9
Tabes Mesenterica .....	...	...	...	1	1	...	...	...	...	...	...	...	...	9
Tubercular Meningitis, Hydrocephalus .....	1	2	3	2	...	...	...	...	...	...	...	...	...	5
Phthisis .....	...	2	2	3	32	29	22	31	14	8	3	...	...	144
Other Forms of Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scrofula .....	...	1	1	...	4	4	2	3	1	...	1	1	...	17
Other Miasmatic Diseases .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza .....	8	8	16	5	9	12	15	35	19	22	48	34	3	218
<i>2. Diarrhœal Diseases.</i>														
Simple Cholera .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa Dysentery .....	1	...	1	...	...	...	...	...	1	...	...	...	...	...





TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.													TOTALS.
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85	85 and upwards	
<b>3. Malarial Diseases.</b>														
Remittent Fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ague.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>4. Zoogenous Diseases.</b>														
Cowpox and Effects of Vaccination.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases, Hydrophobia, Glanders, Splenic Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>5. Venereal Diseases.</b>														
Syphilis.....	3	...	3	...	...	...	1	1	...	1	1	...	...	7
Gonorrhœa, Stricture of Urethra.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>6. Septic Diseases.</b>														
Erysipelas.....	...	...	...	...	...	1	1	1	2	1	3	...	1	10
Pyæmia, Septicæmia.....	1	...	1	...	...	...	1	...	...	...	...	...	...	2
Puerperal Fever.....	...	...	...	...	2	1	1	...	...	...	...	...	...	4
<b>II.—PARASITIC DISEASES.</b>														
Thrush, and other Vegetable-Parasitic Diseases.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worms, Hydatids, and other Animal Parasitic Diseases.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>III.—DIETETIC DISEASES.</b>														
Want of Breast Milk, Starvation.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scurvy.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chronic Alcoholism.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delirium Tremens.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>IV.—CONSTITUTIONAL DISEASES.</b>														
Rheumatic Fever, Rheumatism of the Heart.....	...	1	1	4	4	2	4	2	...	1	1	1	1	21
Rheumatism.....	...	...	...	...	1	1	2	1	1	1	5	1	...	13
Gout.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets.....	1	...	1	...	...	...	...	...	...	...	...	...	...	1
Cancer, Malignant Disease.....	...	1	1	...	1	1	25	44	44	43	57	24	...	240
Purpura, Hæmorrhagic Diathesis.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anæmia, Chlorosis, Leucocythæmia.....	1	...	1	...	1	...	3	3	4	...	...	...	...	12
Glycosuria, Diabetes Mellitus..	...	...	...	...	3	...	3	5	2	3	6	2	...	24
Other Constitutional Diseases..	1	...	1	...	...	2	2	...	...	...	1	...	...	6





TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.													TOTALS.
	0 to 1	1 to 5	Total under 5 years	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 60	60 to 65	65 to 75	75 to 85	85 and upwards	
V.—DEVELOPMENTAL DISEASES.														
Premature Birth.....	40	...	40	...	...	...	...	...	...	...	...	...	...	40
Atelectasis .....	3	...	3	...	...	...	...	...	...	...	...	...	...	3
Congenital Malformations....	5	2	7	1	...	1	...	...	...	...	...	...	...	9
Old Age .....	...	...	...	...	...	...	...	...	...	2	53	68	18	141
VI.—LOCAL DISEASES.														
1. Diseases of Nervous System														
Inflammation of Brain or Membranes .....	3	2	5	3	1	1	...	...	1	...	...	...	...	11
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis.	...	...	...	1	...	1	4	20	12	30	68	39	4	179
Insanity, General Paralysis of the Insane .....	...	...	...	...	...	...	7	7	3	1	2	...	...	20
Epilepsy .....	...	...	...	...	3	4	2	...	2	...	2	...	...	13
Convulsions .....	8	1	9	...	...	...	1	...	...	...	...	...	...	10
Laryngismus Stridulus (Spasm of Glottis) .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica.....	...	1	1	...	1	...	3	...	1	1	...	...	...	7
Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Disease of Spinal Cord, Paraplegia, Paralysis Agitans...	...	...	...	...	1	...	...	3	2	...	3	2	...	11
Other Diseases of Nervous System .....	...	...	...	3	1	...	...	...	3	...	1	2	...	16
2. Diseases of Organs of Special Sense.														
Of Ear, Eye, Nose .....	2	...	2	1	2	1	1	...	...	1	...	1	...	9
Cerebro Spinal Meningitis.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Diseases of Circulatory System.														
Pericarditis .....	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Acute Endocarditis.....	...	1	1	1	1	...	3	4	...	1	4	1	...	16
Valvular Diseases of Heart ...	...	...	...	3	3	4	11	16	7	17	37	16	...	114
Other Diseases of Heart .....	...	...	...	...	4	2	3	13	11	19	31	19	5	107
Aneurism .....	...	...	...	...	...	...	1	1	...	...	...	...	...	2
Embolism, Thrombosis .....	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Other Diseases of Blood Vessels	...	...	...	...	...	...	...	2	6	9	19	17	4	57
4. Diseases of Respiratory System.														
Laryngitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Emphysema, Asthma.....	...	...	...	...	...	1	2	3	3	3	8	2	...	22
Bronchitis .....	15	8	23	...	1	5	9	47	38	56	114	65	7	366
Pneumonia .....	49	56	105	14	8	10	17	26	11	17	26	10	...	244
Pleurisy .....	...	...	...	...	1	1	...	2	2	1	2	3	...	12
Other Diseases of Respiratory System .....	...	...	...	...	1	...	1	5	2	1	6	4	...	20









TABLE No. 15—Continued.

AGE	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1561	1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593	1594	1595	1596	1597	1598	1599	1600	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374
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TABLE No. 16.  
SCARLET FEVER.

Ages	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	138	...	...
5 to 10 .. ...	335	...	...
10 to 15... ..	121	1	0·82
15 to 25... ..	51	...	...
25 to 35... ..	13	1	7·7
35 to 45... ..	6	...	...
45 to 55... ..	4	...	...
Over 55 ... ..	...	...	...
Totals ... ..	668	2	0·3

TABLE No. 16  
SCARLET FEVER.

Age	Cases Reported	Deaths of each Case	
		Total	Percentage
Under 5 years	138	...	...
5 to 10	325	...	...
10 to 15	121	1	0.82
15 to 20	51	...	...
20 to 25	13	1	7.7
25 to 30	6	...	...
30 to 35	1	...	...
35 to 40	...	...	...
40 to 45	...	...	...
45 to 50	...	...	...
Over 50	...	...	...
Totals	868	2	0.2



CO

TABLE No. 17.

## DIPHTHERIA.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage
Under 5 years ...	54	9	16.6
5 to 10... ..	100	7	7.0
10 to 15... ..	32	1	3.1
15 to 25... ..	19	...	...
25 to 35... ..	11	...	...
35 to 45... ..	0	...	...
45 to 55... ..	3	...	...
Over 55... ..	2	...	...
Total .....	221	17	7.7

TABLE No. 12.  
DIPHTHERIA.

Age.	Cases Reported.	Deaths of each Case.	
		Total.	Percentage.
Under 5 years	54	9	16.6
5 to 10	100	7	7.0
10 to 15	32	1	3.1
15 to 25	19	...	...
25 to 35	11	...	...
35 to 45	0	...	...
45 to 55	3	...	...
Over 55	2	...	...
Total	221	17	7.7

TABLE No. 18.  
TYPHOID OR ENTERIC FEVER.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	...	...	...
5 to 10... ..	2	...	...
10 to 15... ..	...	...	...
15 to 25... ..	...	...	...
25 to 35... ..	...	...	...
35 to 45... ..	2	...	...
45 to 55... ..	1	1	100·0
Over 55... ..	1	1	100·0
Totals ... ..	6	2	33·3



TABLE No. 13.  
TYPHOID OR ENTERIC FEVER

Age	Cases Reported	Deaths of each Case	
		Total	Percentage
Under 5 years	...	...	...
5 to 10	2	...	...
10 to 15	...	...	...
15 to 20	...	...	...
20 to 25	...	...	...
25 to 30	...	...	...
30 to 35	2	...	...
35 to 40	1	1	100.0
40 to 45	1	1	100.0
Totals	8	2	25.0

TABLE No. 19.

Showing the number of Cases of Sickness and the Deaths Registered during the several months of the year 1929 in Oldham.

Several months of the year 1929 in Ordham.

MONTHS.	SMALLPOX.		SCARLET FEVER.		DIPH- THERIA.		TYPHOID FEVER.		PUER- PERAL FEVER.		PUER- PERAL PYREXIA		CEREBRO- SPINAL M'NINGITIS		ACUTE POLIOMYE- LITIS		ENCEPHA- LITIS L'ITHRGICA		ERYSIPELAS		PNEUMONIA		CHICKEN POX	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January ...	5	..	45	..	25	1	..	..	3	..	..	..	..	..	1	..	2	1	9	1	43	23	..	..
February...	7	..	34	..	13	..	1	..	2	..	..	..	..	..	..	..	1	2	4	3	136	51	16	..
March .....	1	..	32	..	22	..	..	..	1	..	..	..	..	..	..	..	2	..	10	4	58	44	52	..
April .....	4	..	26	..	18	2	..	..	2	..	..	..	..	..	..	..	1	..	8	..	13	16	48	..
May .....	..	..	25	..	14	..	..	..	..	..	..	..	..	..	..	..	1	1	5	..	15	17	91	..
June .....	..	..	15	..	17	..	..	1	..	..	3	..	..	..	..	..	..	1	3	..	17	15	81	..
July .....	..	..	32	..	11	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	22	14	84	..
August ...	..	..	49	..	19	..	..	..	1	..	..	..	..	..	..	..	..	..	4	..	14	8	43	..
September.	..	..	39	1	6	..	..	..	..	..	1	..	..	..	..	..	..	..	10	1	18	6	5	..
October ...	1	..	121	..	24	3	..	..	..	..	..	..	..	..	..	..	..	..	10	..	21	13	..	..
November..	..	..	116	..	31	3	..	..	..	..	..	..	..	..	..	..	..	1	8	1	29	22	..	..
December..	..	..	134	1	21	2	..	..	1	..	4	..	..	..	..	..	..	..	8	..	13	15	..	..
Totals ...	18	..	668	2	221	17	6	2	2	4	30	..	..	..	1	..	8	7	80	10	399	244	420	..

Month	19	200	2	331	1A	0	3	4	90	...	1	2	7	80	10	300	344	480	...
December	...	124	1	21	8	...	...	1	4	...	...	...	...	8	...	13	19	...	...
November	...	110	...	21	8	...	...	...	0	...	...	...	...	8	...	35	25	...	...
October	1	151	...	37	...	...	...	...	...	...	...	...	...	10	...	27	12	...	...
September	...	30	1	0	8	...	...	...	1	...	...	...	...	10	...	19	8	...	...
August	...	40	...	10	...	...	...	...	2	...	...	...	...	4	...	14	5	...	...
July	...	95	...	11	8	...	...	...	...	...	...	...	...	1	...	33	14	...	...
June	...	19	...	14	...	...	...	...	8	...	...	...	...	8	...	13	12	...	...
May	...	32	...	14	...	...	...	...	0	...	...	...	...	2	...	15	11	...	...
April	...	39	...	18	8	...	...	...	8	...	...	...	...	8	...	13	12	...	...
March	...	33	...	23	8	...	...	...	0	...	...	...	...	10	...	28	10	...	...
February	...	24	...	13	...	...	...	...	4	...	...	...	...	4	...	100	21	...	...
January	...	42	...	22	1	...	...	...	3	...	...	...	...	8	...	43	23	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

showing the number of Cases of Sickness and the Deaths Registered during the  
 season ending on the 31st Dec. 1930 in Omdurman.  
 TABLE No. 10



TABLE No. 20.

Cases of Infectious Disease notified during the Year 1929.

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 ... ..	18	1	...	2	6	8	1
Scarlet Fever ...	668	4	134	456	51	23	...
Diphtheria ... ..	221	1	53	132	19	16	...
Enteric Fever ...	6	...	...	2	...	4	...
Puerperal Fever ...	2	...	...	...	1	1	...
Puerperal Pyrexia	30	...	...	...	10	20	...
Cerebro Spinal Fever ... ..	...	...	...	...	...	...	...
Acute Poliomyelitis ...	1	...	1	...	...	...	...
Encephalitis Lethargica ...	8	...	1	2	...	5	...
Typhus Fever ...	...	...	...	...	...	...	...
Erysipelas ... ..	80	...	..	2	3	62	13
Dysentery .....	...	...	...	...	...	...	...
Malaria .....	...	...	...	...	...	...	...
Totals ...	1034	6	189	596	90	139	14





TABLE No. 20—Continued.

Cases of Infectious Disease notified during the Year, 1929.

NOTIFIABLE DISEASE.	TOTAL CASES NOTIFIED IN EACH LOCALITY.												
	Total No.	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' Ward	Waterhead Ward
Small-pox ...	18	3	...	3	...	6	...	2	...	...	...	...	4
Scarlet Fev'r	668	77	57	41	91	66	60	39	39	85	48	32	33
Diphtheria...	221	19	17	10	14	17	20	16	14	33	16	19	26
Enteric Fev'r	6	...	...	...	1	1	...	...	...	3	...	1	...
Puerperal Fever...	2	...	...	...	...	1	...	...	...	...	...	1	...
Puerperal Pyrexia ...	30	3	1	2	2	...	1	2	2	11	2	2	2
Cerebro Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis	1	...	...	1	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	8	1	...	...	...	2	1	1	1	...	...	1	1
Typhus Fev'r	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	80	4	11	5	16	10	6	3	4	5	3	6	7
Dysentery ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	1034	107	86	62	124	103	98	63	60	137	69	62	73



TABLE No. 20—Continued.

Cases of Infectious Diseases notified during the Year, 1933.

NOTIFIABLE DISEASE	TOTAL CASES NOTIFIED IN EACH LOCALITY											
	on foot	at home	at home	at home	at home	at home	at home	at home	at home	at home	at home	at home
Small-pox	18	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	238	77	27	41	97	68	60	32	33	33	33	33
Diphtheria	321	18	17	10	14	17	20	16	14	32	16	19
Epidemic Fever	8	...	...	...	1	1	...	...	...	...	1	...
Pneumonia	2	...	...	...	...	1	...	...	...	...	1	...
Pneumonia	80	3	1	2	2	...	1	2	2	11	2	2
Cerebro Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis	1	...	...	1	...	...	...	...	...	...	...	...
Encephalitis	8	1	...	...	...	2	1	1	1	...	1	1
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	80	4	11	5	18	10	8	2	4	5	3	7
Dysentery	...	...	...	...	...	...	...	...	...	...	...	...
Malaria	...	...	...	...	...	...	...	...	...	...	...	...
Totals	1034	107	86	63	124	103	58	63	60	127	63	73

TABLE No. 20—Continued.

NOTIFIABLE DISEASE.	No. of Cases Removed to Hospital from Each Locality												
	Total No.	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' Ward	Waterhead Ward
Small-pox ...	18	3	...	3	...	6	...	2	...	...	...	...	4
Scarlet Fev.	391	52	33	24	59	25	43	25	21	39	27	21	22
Diphtheria...	173	18	14	9	12	11	16	13	12	18	15	15	20
Enteric Fev.	5	...	...	...	1	1	...	...	...	3	...	...	...
Puerperal „	1	...	...	...	...	1	...	...	...	...	...	...	...
Puerperal Pyrexia ...	20	1	1	2	2	...	...	...	..	10	1	1	2
Cerebro Spinal Fev.	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute P'li'my'litis	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	3	...	...	...	...	1	1	...	...	...	...	...	1
Typhus Fev.	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	18	...	1	1	11	...	3	...	...	1	...	1	..
Dysentery...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	629	74	49	39	85	45	63	40	33	71	43	38	49











TABLE No. 22.

Showing the number of new Cases of Sickness coming to the knowledge of the Medical Officer of Health during the years 1898 to 1929.

Year.	Small-pox.	Scarlet Fever.	Diphtheria.	Typhus Fever.	Typhoid Fever.	Puerperal Fever.	Total Cases.
1898	1	346	39	...	68	20	474
1899	2	822	71	...	92	11	998
1900	8	1065	94	...	72	21	1260
1901	2	679	56	...	40	18	795
1902	178	704	187	...	63	15	1147
1903	256	507	201	...	52	9	1025
1904	255	638	158	...	76	19	1146
1905	281	969	98	...	62	15	1425
1906	455	794	92	...	31	16	1388
1907	...	522	69	...	22	8	621
1908	...	597	89	...	39	21	746
1909	...	522	62	...	35	16	635
1910	2	217	50	...	24	14	307
1911	1	447	87	...	20	19	574
1912	...	366	49	...	18	10	443
1913	8	922	91	...	12	13	1,046
1914	4	1265	164	...	18	9	1,460
1915	22	530	86	...	11	10	659
1916	1	149	142	...	5	9	306
1917	...	129	51	...	5	11	196
1918	...	141	55	...	17	6	219
1919	...	435	118	...	5	14	573
1920	4	434	152	...	3	16	609
1921	4	725	106	...	10	12	857
1922	50	610	89	...	5	15	769
1923	...	244	59	...	3*	9†	315
1924	...	142	80	...	3	7	232
1925	...	410	133	...	7	9	559
1926	10	326	140	...	1	16†	493
1927	19	188	205	...	3	22†	437
1928	31	279	288	...	1	31†	630
1929	18	668	221	...	6	32†	945

\* Including one case notified by Manchester Health Department.

† Including one case admitted into Oldham Union from Royton when already suffering from Puerperal Fever.

† Including Puerperal Pyrexia.



TABLE No. 22

Showing the number of new Cases of Sicknes coming to the knowledge of the Medical Officer of Health during the years 1898 to 1923.

Year.	Small-pox.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Typhus Fever.	Enteric Fever.	Total Cases.
1898	1	346	39	...	...	68	474
1899	3	322	71	...	...	93	808
1900	8	1065	94	...	...	72	1260
1901	2	679	56	...	...	40	795
1902	178	704	197	...	...	63	1147
1903	246	607	201	...	...	58	1036
1904	255	638	158	...	...	78	1146
1905	281	669	58	...	...	63	1423
1906	455	794	90	...	...	81	1389
1907	...	522	69	...	...	52	661
1908	...	597	69	...	...	80	766
1909	...	522	69	...	...	55	695
1910	2	217	50	...	...	24	307
1911	1	447	87	...	...	30	574
1912	...	395	49	...	...	18	443
1913	8	622	91	...	...	72	1,048
1914	4	1286	164	...	...	18	1,460
1915	23	590	68	...	...	11	688
1916	1	148	142	...	...	6	305
1917	...	129	51	...	...	5	196
1918	...	141	66	...	...	17	219
1919	...	436	118	...	...	6	578
1920	4	434	159	...	...	8	609
1921	4	725	106	...	...	10	867
1922	50	610	89	...	...	5	769
1923	...	244	59	...	...	3*	315
1924	...	142	60	...	...	8	266
1925	...	410	188	...	...	7	609
1926	10	326	140	...	...	1	497
1927	19	138	205	...	...	3	437
1928	21	378	228	...	...	1	690
1929	18	668	221	...	...	9	915

\* Including one case notified by Manchester Health Department.  
 † Including one case admitted into Children's Hospital from London after being notified.  
 ‡ Including Typhoid Fever.

TABLE No. 23.

Summary of Cases treated in the Racefield, Hartstead and Strinesdale Hospitals during the years 1915 to 1929.

Hospitals.	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
	Admitted	Admitted	Admitted.	Admitted.	Admitted	Admitted.	Admitted	Admitted	Admitted.	Admitted.	Admitted.	Admitted	Admitted.	Admitted.	Admitted.
Racefield & Hartshead															
Oldham Cases	22	1	...	...	...	4	1	49	...	...	...	10	19	30	18
Strinesdale.....	* 99	* 87	* 65	* 79	* 73	* 76	* 76	* 73	* 50	* 67	* 77	* 96	* 86	* 76	* 73
Oldham Cases	82	76	56	57	55	68	74	122	48	67	77	106	105	106	91
Out-Township Cases	17	11	9	22	18	...	6	...	2	...	...	...	...	...	...
Totals .....	99	87	65	79	80	68	77	122	50	67	77	106	105	106	91

\* Cases of Phthisis.



Census of 1870

State	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868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TABLE No. 24.

## HEALTH VISITORS' SUMMARY,

For Year ending December, 1929.

Total Live Births—Legitimate	...	...	...	...	1765
"    "    Illegitimate	...	..	...	...	122
Still Births	...	...	...	...	131
Births notified by Midwives	...	...	...	...	1622
"    "    "    Doctors and Parents	...	...	...	...	369
Infant Deaths—Legitimate	...	...	...	...	200
"    "    Illegitimate	...	...	...	...	21
Visits to Children under 1 year	...	...	...	...	6852
"    "    1 to 5 years	...	...	...	...	13041
Expectant Mothers...	...	...	...	...	411
Ophthalmia	...	...	...	...	39
Puerperal Fever and Pyrexia	...	...	...	...	32
Measles	...	...	...	...	1137
Whooping Cough	...	...	...	...	1120
Chicken Pox	...	...	...	...	614
Special Enquiries	...	...	...	...	802
Infant Deaths...	...	...	...	...	210





TABLE No. 25.

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

No. of Workshops on Register December, 1928	...	...	...	497
" " Discontinued during 1929	...	...	...	39
" " Registered during 1929...	...	...	...	1
" " on Register December, 1929	...	...	...	459
" Visits Paid	...	...	...	359
" Notices Served	...	...	...	18
" " Complied with	...	...	...	13

Nature of Defects.	Notices Served.	Notices Complied with.
Dirty Workrooms	2	...
Damp, Defective Roof, &c.	4	4
Defective Ventilation	2	2
Defective Water Supply	...	...
Insufficient or no Closet Accommodation	...	...
Defective Closets	...	...
Closet Nuisances	1	1
Defective Drains	...	...
Untrapped Drains	...	...
Blocked Drains	1	1
Dust Bins	...	...
Defective or Short Slop Pipes	...	...
Fire Escapes	1	1
Accumulations	3	3
Defective Chimneys	2	1
Overcrowding	...	...
Miscellaneous	2	...





TABLE No. 26.

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

No. of Bakehouses on Register, December, 1928	...	...	...	...	298
" " discontinued during 1929	...	...	...	...	24
" " registered during 1929	...	...	...	...	11
" " on Register, December, 1929	...	...	...	...	285
" Visits paid	...	...	...	...	347
" Notices served	...	...	...	...	18
" " complied with	...	...	...	...	17

Nature of Defects.	Notices Served	Notices Complied with.
Defective Ventilation	...	...
Dirty Bakehouses	1	1
Accumulations	...	...
Damp, Defective Roof, etc.	7	6
Defective Water Supply	1	1
Defective Dustbins	2	2
Defective Slop Pipe	...	...
Blocked Drains	5	5
Defective Drains	1	1
Defective Chimneys	...	...
Defective Closets	...	...
Insufficient or no Closet Accommodation	...	...
Broken Walls	...	...
Failing to Register	...	...
Miscellaneous	1	1

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	Stove	Electri.
No. A	32	...	14	14	2	2	2	30	6	...	...	...
" B	60	5	11	16	4	24	6	62	6	...	...	...
" C	64	3	21	7	3	30	5	69	1	1	...	...
" D	50	1	17	18	3	11	5	38	6	...	...	1
" G	45	8	13	7	5	12	9	37	6	...	...	...
" H	34	2	4	7	3	18	2	31	8	2	1	...
Totals	285	19	80	69	20	97	29	267	33	3	1	1





TABLE No. 27.

## RETAIL MILK SHOPS.

No. of Milk Shops on Register, December, 1928...	...	...	...	228
" " Discontinued during 1929	...	...	...	23
" " Registered " 1929	...	...	...	10
" " on Register, December, 1929...	...	...	...	215
No. of Visits Paid	...	...	...	438
Visits to Ice Cream Vendors	...	...	...	31



TABLE No. 27  
RETAIL MILK SHOPS

228	...	...	...	...	Milk Shops on Register, December, 1929...
23	...	...	...	...	Discontinued during 1929
10	...	...	...	...	Registered " 1929
218	...	...	...	...	on Register, December, 1929
428	...	...	...	...	Visits Paid
31	...	...	...	...	to Ice Cream Vendors

TABLE No. 28.

Showing the number of Smoke Observations taken and Inspections of Mill Lodges made during the years 1928-1929.

Month ending		SMOKE OBSERVATIONS.		MILL LODGES INSPECTIONS.	
1928.	1929.	1928.	1929.	1928.	1929.
Jan. 14	Jan. 12..	92	...	23	7
Feb. 11	Feb. 9...	116	1	26	13
Mar. 10	Mar. 9...	151	8	19	46
Apr. 7	Apr. 6...	135	16	23	16
May 5	May 4...	143	52	24	27
June 2	June 1...	94	45	23	31
„ 30	„ 29...	131	83	20	25
July 28	July 27...	163	95	26	22
Aug. 25	Aug. 24 ..	109	52	26	16
Sep. 22	Sep. 21...	111	56	17	20
Oct. 20	Oct. 19...	63	37	19	11
Nov. 17	Nov. 16...	30	33	16	25
Dec. 15	Dec. 14...	5	40	16	16
Totals .....		1343	518	278	275



TABLE No. 28.

Showing the number of Smoke Operations taken and inspections of Mill Engines made during the years 1928-1929.

Month ending	Smoke Operations		Mill Engines	
	1928	1929	1928	1929
Jan. 14 Jan. 13	62	...	23	7
Feb. 11 Feb. 9	116	1	26	13
Mar. 10 Mar. 9	151	8	19	46
Apr. 7 Apr. 6	135	16	23	16
May 5 May 4	143	52	24	27
June 2 June 1	24	46	23	81
" 30 .. 29	131	63	20	26
July 28 July 17	163	69	26	23
Aug. 25 Aug. 24	109	62	26	16
Sep. 22 Sep. 21	111	66	17	20
Oct. 20 Oct. 19	63	37	19	11
Nov. 17 Nov. 16	30	33	16	26
Dec. 15 Dec. 14	5	40	16	16
Totals .....	1343	518	278	276

TABLE No. 29.  
 HALF-HOURLY SMOKE OBSERVATIONS,  
 TAKEN DURING 1929.

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
518	129	140	173	55	21	...
Percentage ...	24.9	27.03	33.4	10.6	4.05	...



TABLE No. 29.  
 HALF-HOURLY SMOKE OBSERVATIONS.  
 TAKEN DURING 1938.

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
618	123	140	178	55	21	...
Percentage	24.9	27.03	33.4	10.6	4.03	...

TABLE No. 30.

## LIST OF FIRMS REPORTED TO HEALTH COMMITTEE DURING THE YEAR 1929.

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
Hartford Works ... (Smithy)	Featherstall Road South .....	5	ft. 30	ft. in. 8 0	Tons 80	3	Broadbent's Louvre Doors	Cautioned



Name of Mine	Date of Discovery	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines
Name of Mine	Date of Discovery	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines
Name of Mine	Date of Discovery	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines
Name of Mine	Date of Discovery	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines
Name of Mine	Date of Discovery	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines
Name of Mine	Date of Discovery	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines
Name of Mine	Date of Discovery	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines	No. of Mines

LIST OF MINES BELONGED TO HEAVY COMMISSION DURING THE YEAR 1933

TABLE No. 30

TABLE No. 31.

SMOKE PROSECUTIONS DURING 1929.

No. of Firms Fined	Amount of Fine.	No. of times previously prosecuted.
	Nil	



TABLE No. 31.

SMOKE PROSECUTIONS DURING 1929.

No. of times previously prosecuted	Amount of Fine	No. of Fines Paid
	Nil	

TABLE No. 32.

NATURE OF SMOKE APPLIANCES IN USE IN THE  
BOROUGH OF OLDHAM, 1929.

Name of Appliances.	No. of Mills.	No. of Boilers.
Auto-Coking Machines ... ..	9	21
Broadbent's Louvre Air Regulators... ..	10	38
Caddy's Tubular Bars. ... ..	2	7
Butterworth's Sectional Bars ... ..	2	7
Hollow or Split Bridge Walls ... ..	3	10
Hamer's Patent Expansion Joints' ... ..	2	7
Sanger and Webster's Patent Air Regulators ... ..	2	8
Johnson's Smoke Consumer ... ..	1	5
Courts Turners Engineering Co.'s Doors	1	4
Babcocks and Wilcocks Patent ... ..	1	13
Mellor's Patent ... ..	1	4
Evan's , " ... ..	1	2
<b>TOTALS...</b> ... ..	<b>35</b>	<b>126</b>

Where no Appliances are fixed— 105 Mills ; 294 Boilers. There  
are also about 45 Workshop Chimneys not on books.

Number Electrified ... 14

Partly Electrified ..... 15



TABLE No. 22  
NATURE OF SMOKE APPLIANCES IN USE IN THE  
BOROUGH OF OLDHAM, 1922.

Name of Appliances	No. of Mills	No. of Boilers
Auto-Coking Machines	2	21
Broadbent's Locomotive Air Regulators	10	28
Caddy's Tubular Bars	2	7
Butterworth's Sectional Bars	2	7
Hollow or Split Bridge Walls	2	10
Harmer's Patent Expansion Joints	2	7
Saenger and Webster's Patent Air Regulators	2	8
Johnson's Smoke Consumer	1	2
Countess Turner Engineering Co.'s Doors	1	4
Radcock and Wilcock's Patent	1	12
Mellor's Patent	1	4
Evans'	1	2
TOTALS	35	120

Where no Appliances are fitted—102 Mills; 204 Boilers. There are also about 45 Workshop Chimneys not on books.

Number Estimated ... 14  
Partly Estimated ... 15

## FOOD INSPECTOR'S REPORT.

Visits to Markets...	...	...	...	...	...	338
Do. Cattle Wharves...	...	...	...	...	...	801
Do. Meat Shops	...	...	...	...	...	7,343
Do. Fish Shops	...	...	...	...	...	1,486
Do. Fruit and Vegetable Shops	...	...	...	...	...	2,152
Do. Miscellaneous	Do.	...	...	...	...	30
Do. Under Contagious Disease Animals Act	...	...	...	...	...	24
No. of Samples of Food Purchased under Food & Drugs Acts						61
" " " Informal "...	...	...	...	...	...	5
Visits to Corporation Destructors	...	...	...	...	...	94

## SLAUGHTER HOUSES.

### VISITS MADE AND DEFECTS REMEDIED.

No. on Register, December, 1928	...	...	...	...	34
No. lapsed during 1929	...	...	...	...	1
No. newly licensed during 1929	...	...	...	...	—
No. on Register, December, 1929...	...	...	...	...	33

## DAIRIES AND COWSHEDS.

No. of Dairies on Register, December, 1928	...	...	...	35
No. " " " 1929	...	...	...	34
No. of Cowsheds on Register, December, 1928	...	...	...	70
No. " Lapsed during 1929	...	...	...	—
No. of New Cowsheds Registered during 1929	...	...	...	5
No. of Cowsheds on Register December, 1929	...	...	...	75

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

Total number of Cowsheds, 75.					1928.	1929.
					No. of Shippons	No. of Shippons.
600 cubic feet and under	700 cubic feet per head				32	32
700	" " 800	"	"	...	12	11
800	" " 900	"	"	...	17	18
900	" " 1000	"	"	...	8	10
1000	" " 1100	"	"	...	1	2
1100	" " 1200	"	"	...	—	2
Total					70	75





## SUMMARY.

					Visits paid.	Notices served.	Notices complied with.
Slaughter Houses	...	...	...	...	5,204	1	1
Dairies	...	...	...	...	65	—	—
Cowsheds	...	...	...	...	159	—	—

## DISEASED OR. UNSOUND FOOD DESTROYED.

						Tons.	Cwts.	Qrs.	Lbs.
38 Cattle	...	...	...	...	...	9	9	2	10
24 Sheep	...	...	...	...	...	0	8	3	2
15 Pigs...	...	...	...	...	...	0	16	2	23
67 Calves	...	...	...	...	...	1	9	0	9
Meat	...	...	...	...	...	2	2	3	25
Offal	...	...	...	...	...	12	8	0	14
Fruit	...	...	...	...	...	0	0	0	20
Fish...	...	...	...	...	...	0	0	2	23
Preserved Foods	..	...	...	...	...	0	14	3	10
25 Rabbits	...	...	...	...	...	0	0	2	19
773 Eggs	...	...	...	...	...	0	0	3	22
Pigs Maws...	...	...	...	...	...	0	9	0	0
Total	...	...	...	...	...	28	1	2	9





SUMMARY.—*continued.*

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

Diseased Conditions.				No. Reported.	No. Found by Inspector.	Total.
Tuberculosis in Cattle	...	...	...	262	139	401
Tuberculosis in Pigs	...	...	...	26	106	132
Flukey Livers	...	...	...	40	181	221
Echinococcus	...	...	...	1	20	21
Dropsy	...	...	...	4	3	7
Pneumonia and Pleurisy	...	...	...	11	62	73
Injured	...	...	...	7	1	8
Suffocation	...	...	...	15	—	15
Immaturity	...	...	...	57	3	60
Angioma	...	...	...	1	16	17
Cirrhosis	...	...	...	17	67	84
Abscess	...	...	...	12	13	25
Unsound	...	...	...	28	3	31
Septicæmia	...	...	...	—	—	—
Jaundice	...	...	...	1	—	1
Mammitis	...	...	...	15	6	21
Actinomycosis	...	...	...	1	6	7
Necrosis	...	...	...	4	8	12
Pericarditis	...	...	...	3	7	10
Peritonitis	...	...	...	7	0	7
Lymphadenitis	...	...	...	1	0	1
Emphysema	...	...	...	3	5	8
Fevered and Physicked	...	...	...	1	2	3
Total				517	648	1165



## SUMMARY.—continued.

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

Diseased Condition	No. Reported.	No. Found by Inspector	Total
Tuberculosis in Cattle	...	282	401
Tuberculosis in Pigs	...	28	132
Flasky Livers	...	40	221
Rhinoceros	...	1	21
Dropsy	...	4	7
Pneumonia and Pleurisy	...	11	73
Injured	...	7	8
Self-section	...	12	16
Immaturity	...	57	60
Angioma	...	1	17
Cirrhosis	...	17	84
Abscess	...	12	25
Unsound	...	28	21
Septicæmia	...	—	—
Jandice	...	1	1
Mumps	...	12	21
Actinomyces	...	1	7
Neurosis	...	4	12
Pericarditis	...	2	10
Peritonitis	...	7	7
Lymphadenitis	...	1	1
Emphysema	...	2	2
Fevered and Typhoid	...	1	2
Total	617	642	1159

## INSPECTORS' ANNUAL REPORT, 1929.

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Total Number of Reports of Nuisances and Notices Served...	2721
Total Number of Notices complied with ... ..	2459
Number of Cases reported to Health Committee in 1929 ... ..	767
Number of Notices complied with Order of Committee...	683
Number of Committee Cases remaining unabated ... ..	84
Number of Cases dealt with by the Magistrates in 1929 ... ..	3
Number of Complaints Received and Visited ... ..	584
Re-Inspection of Nuisances under Notice ... ..	12555

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House-to-House Inspection ... ..	2600
Total Number of Houses Inspected on Complaint... ..	1873
Houses Repaired... ..	135
Visits to Cases of Infectious Disease ... ..	1490
Visits to Cases of Tuberculosis... ..	79
Miscellaneous Visits ... ..	3558
Privies Inspected ... ..	8359
Letters written to Property Owners or Agents, &c. ... ..	—

NUISANCES.							Notices Served.	Notices Complied with
Dirty Houses ... ..							53	53
Damp, Defective Roof, &c.... ..							542	430
Defective Ventilation ... ..							66	55
Defective Cellars ... ..							4	4
Closet Nuisances ... ..							107	105
Defective Water Supply ... ..							81	80
Overcrowding ... ..							33	27
Unfit for Habitation ... ..							—	—
Unregistered Houses let in lodgings .. ..							3	3
Separation of Sexes ... ..							5	5

## INSPECTOR'S ANNUAL REPORT, 1929.

3721	Total Number of Reports of Nuisances and Notices Served
2459	Total Number of Notices complied with
767	Number of Cases reported to Health Committee in 1929
682	Number of Notices complied with Order of Committee
84	Number of Committee Cases remaining unacted
3	Number of Cases dealt with by the Magistrate in 1929
684	Number of Complaints Received and Visited
12553	Re-inspection of Nuisances under Notices
2600	House-to-house inspection
1878	Total Number of Houses inspected on Complaint
139	Houses Rejected
1400	Visits to Cases of Infectious Diseases
79	Visits to Cases of Tuberculosis
3658	Miscellaneous Visits
8259	Privies Inspected
—	Letters written to Property Owners or Agents, &c.

NUISANCES.		
Noticed	Noticed	Noticed
53	53	Dirty Houses
430	512	Damp, Defective Roofs, &c.
56	68	Defective Ventilation
4	4	Defective Cellars
108	107	Closet Nuisances
80	91	Defective Water Supply
27	33	Overcrowding
—	—	Unfit for Habitation
3	3	Unregistered Houses let in lodgings
5	5	Separation of Boxes



# HOUSES LET IN LODGINGS, 1929.

Number of Houses on Register, December, 1928	...	...	...	122
" " lapsed during 1929	...	...	...	10
" " registered during 1929	...	...	...	10
" " on register December, 1929	...	...	...	122
" Rooms on register December, 1928	...	...	...	608
" " lapsed during 1929	...	...	...	26
" " registered during 1929	...	...	...	71
" " on register December, 1929	...	...	...	653
Visits paid	...	...	...	5098
Notices Served	...	...	...	155
" complied with	...	...	...	135

NATURE OF DEFECTS	Notices Served	Notices Complied With
Broken Walls, Floors and Ceilings...	12	9
Overcrowding	21	20
Separation of Sexes	5	5
Dampness from Defective Roof, etc.	21	11
Blocked and Defective Drains	13	13
Defective Slop-pipes	6	4
Dirty Walls, Floors, Ceilings, Closets, etc....	24	23
Defective Water Closets	7	7
" Waste Water Closets...	3	2
Accumulations of Refuse	6	5
Defective Dust bins	6	6
Defective Ventilation	11	11
Failing to Register	3	3
Other Defects	17	16
	155	135

## HOUSES LET IN LODGINGS, 1928

113	Number of Houses on Register, December, 1928
10	lapsed during 1929
10	registered during 1929
123	on register December, 1929
608	Houses on register December, 1928
36	lapsed during 1929
71	registered during 1929
603	on register December, 1929
5008	Rate paid
185	Notices served
185	complied with

NATURE OF DEFECTS		Notices Served	Notices Complied With
Broken Walls, Floors and Ceilings	12	9	
Overcrowding	31	30	
Separation of Bares	5	5	
Dampness from Defective Roof, etc.	31	11	
Blocked and Defective Drains	13	13	
Defective Stop-pipes	6	4	
Dirty Walls, Floors, Ceilings, Closets, etc.	24	23	
Defective Water Closets	7	7	
Waste Water Closets	8	3	
Accumulation of Refuse	6	6	
Defective Dust bins	6	6	
Defective Ventilation	11	11	
Falling to Register	3	3	
Other Defects	17	16	
	185	185	



DRAINAGE DEFECTS.	Notices Served.	Notices Complied with
Blocked Drains ... ..	550	537
Defective Drains... ..	100	94
Drain Inlets Untrapped or Defectively Trapped ...	113	111
Slop Pipe, Defective or Improperly Ventilated ...	54	49
Defective Water Closets ... ..	99	97
Defective Waste Water Closets... ..	599	595
New Water Closets provided ... ..	221	106
New Waste Water Closets... ..	—	—
New Pail Closets... ..	—	—
Yards and Passages Repaired and Flagged ... ..	36	33
Accumulation of Offensive Matter ... ..	123	117
Manure Heaps... ..	7	7
Defective and Insufficient Dustbins ... ..	752	738

No. of Smoke or other Tests, 676. No. of Houses Tested, 529.  
 No. of Defects found, 167. 646 yards of Channel Tiles and Drainage  
 Pipes have been laid or re-laid.  
 Traps fixed, 111. Ventilating Grids, 1.  
 Houses connected with Main Sewer, 44.

VISITS TO VARIOUS PREMISES.	Visits Paid.	Notices Served.	Notices Complied with
Bakehouses ... ..	347	18	17
Pigsties ... ..	32	—	—
Tents, Vans, and Sheds ... ..	1072	7	5
Houses let in Lodgings ... ..	5098	155	135
Offensive Trades ... ..	172	6	4
Mill Lodges ... ..	275	1	1
Ice Cream Vendors ... ..	31	—	—
Milkshops ... ..	438	2	2
Factories and Workshops ... ..	359	18	13
Shop Hours Act ... ..	—	—	—



DRAINAGE DEFECTS			Notices Served	Notices Complied with
Blocked Drains	...	...	530	537
Defective Drains	...	...	100	94
Drain Inlets Untrapped or Defectively Trapped	...	...	113	111
Slop Pipe, Defective or Improperly Ventilated	...	...	54	49
Defective Water Closets	...	...	99	97
Defective Waste Water Closets	...	...	509	505
New Water Closets provided	...	...	231	108
New Waste Water Closets	...	...	—	—
New Pail Closets	...	...	—	—
Yards and Passages Repaired and Flagged	...	...	88	85
Accumulation of Offensive Matter	...	...	128	117
Manure Heaps	...	...	7	7
Defective and Inefficient Downpipes	...	...	753	758

No. of Smoke or other Tests, 576. No. of Houses Tested, 539.  
No. of Defects found, 157. 546 yards of Channel Tiles and Drainage

Pipes have been laid or re-laid.  
Traps fixed, 111. Ventilation Grates, 1.  
Houses connected with Main Sewer, 44.

VISITS TO VARIOUS PREMISES			Visits Paid	Notices Served	Notices Complied with
Bakerymen	...	...	547	18	17
Butchers	...	...	32	—	—
Tents, Yards, and Sheds	...	...	1072	7	6
Houses let in Lodgings	...	...	5098	155	135
Offensive Trades	...	...	172	6	4
Mill Lodges	...	...	275	1	1
Ice Cream Vendors	...	...	31	—	—
Milkshops	...	...	428	2	2
Factories and Workshops	...	...	309	18	13
Slop House Act	...	...	—	—	—

## CLOTHING, &amp;c., 1928-1929.

Articles.	Disinfected.		Destroyed.		Totals.	
	1928.	1929.	1928.	1929.	1928.	1929.
Blankets .....	1844	2033	26	26	1870	2059
Sheets .....	1194	1504	22	23	1216	1527
Pillows .....	1629	1991	104	126	1733	2117
Bolsters .....	873	1085	28	30	901	1115
Quilts.....	1081	1404	15	19	1096	1423
Mattresses .....	12	16	57	58	69	74
Beds .....	912	1093	103	163	1015	1256
Carpets .....	3	11	...	7	3	18
Rugs .....	17	46	6	5	23	51
Curtains.....	5	13	...	...	5	13
Clothes .....	1628	2052	73	115	1701	2167
Sundry Articles ...	33	84	126	182	159	266
Total ... ..	9231	11,332	560	754	9791	12,086

1928—Total Houses Disinfected .. 868

,, Rooms ,, ... 2193

1929—Total Houses Disinfected ... 1082

,, Rooms ,, ... 3043







## CLEANSING DEPARTMENT. 1923.

Number of Ashes in the Borough		
Do.	Ashbins	24803
Do.	Pail Closets	1867
Do.	Water Closets	10335
Do.	Waste-water Closets	24838
Do.	Latrines	2320
Do.	Houses represented	20128
Do.	Mills, Workshops, &c. do.	602
Do.	Churches, Schools, &c. do.	214

## ASHES DEPARTMENT.

Number of Ashbins emptied during the day		
Do.	Ashbins	1781141
Do.	Tons of Ashes taken to Destructor	20058
Do.	Corporation Tips	2528
Do.	Other Tips	363
Total No. of Tons collected		27958
Number of Tons of Clinker removed from Destructor		10222

## NIGHTSOIL DEPARTMENT.

Number of Sanitary Pails emptied during the night		
Do.	Collections of Butchers' Oil (during the night)	2206
Do.	Fish Oil	18204
Do.	Loads of Excreta collected	1016
Do.	Butchers' Oil collected	618
Do.	Fish Oil collected	1178

## DESTROYERS.

Quantity of Ashes, Fish Oil and Garbage consumed:—		
Rhodes Bank Destructor:—		
Portion of Collection—	Garbage	11201
Do.	Unconsumed	8882
Robin Hill		14732
Hollinwood		6182
		5622
Total		30515







