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COUNTY BOROUGH OF OLDHAM.

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REPORT  
ON THE  
HEALTH OF OLDHAM  
FOR THE YEAR 1934.

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 ;  
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## MEMBERS of the HEALTH COMMITTEE, 1934

Mr. Alderman W. H. Bolton, J.P., Chairman.  
„ „ T. Wrigley, J.P., Vice-Chairman.  
The Mayor, Mr. Alderman Shannon, J.P.  
Mr. Alderman Bardsley, J.P.  
Dr. Councillor J. Low, J.P.  
Mr. Councillor Chamberlain  
„ „ Crabtree, J.P.  
„ „ W. H. Taylor  
„ „ Andrew

---

## MATERNITY and CHILD WELFARE COMMITTEE.

All the Members of the Health Committee with the addition  
of Mrs. Bainbridge, B.A., Mrs. Jackson, Mrs. Firth and  
Miss G. Lawton.

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## HOSPITAL SUB-COMMITTEE.

None.

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## BUILDINGS SUB-COMMITTEE.

None.

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

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GENTLEMEN,

I herewith submit my Annual Report on the work of the Health Department and Hospitals during the year 1934.

The year 1934 has been one of considerable stress in the Health Department owing to the work and enquiries necessitated by the Housing Act. The first batch of houses reported under the Act was dealt with in June and at the enquiry 215 houses were approved for demolition in the various areas submitted. In addition 54 cellars and under-dwellings were closed under the Local Acts. The houses reported were those which were considered to be quite unsuitable for habitation from their sanitary condition and included all the cellars and under-dwellings in the Borough. Although all these dwellings were officially closed by the local authority it will be seen from the return that owing to the lack of suitable houses only a small proportion have been entirely closed and the majority are still tenanted.

As I reported to the Committees affected I consider the arrangement adopted by the Corporation as unsatisfactory. I am of opinion that a Housing Department under one of the existing Committees should have been formed with a responsible Official who would have a knowledge of the whole of the work and have been able to thoroughly co-ordinate it. By the arrangement adopted, four Departments and three Committees have each their share of work.



The year has been marked also by an increase in the number of cases of Scarlet Fever and Diphtheria. There seems to have been a wave of prevalence of the latter disease over the whole country and especially in the large towns in the North. This prevalence has at times placed a great strain on the accommodation at the Infectious Diseases Hospital and on occasions necessitated the refusal of admissions from outside Districts.

In the Municipal General Hospital there has been a great demand on the Maternity beds, and the number of admissions has considerably increased. It is in my opinion absolutely necessary that increased accommodation should be provided or the admissions limited. The new Children's Pavilion has been a great asset to the Hospital. It is not only a very efficient annexe but was also a very cheap building and the Architect is to be congratulated. Other improvements in this Institution have been going on and will come into use during the coming year.

At Strinesdale Sanatorium the Residential and Administrative Blocks which were submitted 10 years ago have been sanctioned and will be completed during the present year.

At the Sewage Works a large expenditure will be necessary in order to make the Works efficient and the scheme is in the hands of the eminent Engineer, Mr. John Watson. The work carried out 3 or 4 years ago will form part of the complete scheme. It was indicated then that a further extension would be necessary but from motives of economy the matter was delayed.

Some years ago the removal of all the ashpits in the Borough was completed, and the removal of the can-closets and substitution of clean water closets is greatly desirable.



The waste water closets have also not proved the advantage that at one time was claimed for them.

The Orthopædic work which has been carried out at the Orthopædic Institute and at the Municipal Hospital has been of enormous benefit to the inhabitants of Oldham. Except for elderly people deformity caused by Rickets, &c., is now seldom seen in the streets.

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, 1935.

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# *Natural and Social Conditions of the Area.*

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## AREA.

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

## POPULATION.

Census 1911—	147,483	Persons.
„ 1921—	144,983	„
„ 1931—	140,314	„
Estimated 1934—	135,200	„

The Ratable Value on April 1st, 1934 was £701,363 and the product of a penny rate was £2,678, actually,

## *Social Conditions.*

---

In the Cotton Trade and in the Cotton Machinery Manufacturing Trade there is no alteration for the better. Several of the Mills have been closed permanently and some demolished. There is said to be some slight improvement in the Iron Working Trade and two or three small new Industries have come into the town. The large Machine Works which formerly was engaged in manufacturing Cotton Machinery only, have adapted themselves for other work which has helped to keep many men at work.

There is a considerable demand for this labour for both boys and girls, especially the latter, but adults have great difficulty in finding employment.

Judging from the few cases found in school inspections of Malnutrition it would appear that the younger people are not suffering a great deal. A large number of children are receiving free milk in the schools, and also free dinners, and a very large proportion of infants under five years attending the Welfare Centres also receive free milk.

Expectant mothers in the "last three months" also receive free milk.

The milk is granted under a scale of income fixed by the Council.



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

No change has taken place among the Senior Officers of the Department but one of the Sanitary Inspectors left for another appointment, and one Health Visitor died of pneumonia, and one left for a better paid appointment.

One of the Sanitary Inspectors was appointed to carry out the work of the Department in connection with the Housing Act of 1930.

### HOME NURSING.

No Home Nursing is undertaken by the Health Department, nor is there any list of Home Helps kept.

### MIDWIVES.

The Midwives practising in the Borough are given in the following list.

All except two have obtained the Certificate of the Central Midwives Board. These two are very old and do not attend many cases.

During the year a Scheme was agreed to by which the Corporation pay the Midwives.

1. Compensation for cases for which they have been engaged and which are sent into Hospital.
2. The fee for emergency and necessitous cases.
3. The fee for attendance on necessitous cases.  
(The latter payments are based on the Income of the family and the absence of a Maternity Benefit).

The usual Refresher Course of five Lectures was given to the Midwives and Nurses during the winter and the Subjects are given in the Child Welfare Section.



## LIST OF MIDWIVES.

Name.	Address.	Number of Certificate	Date of Certificate.
Armstrong, Edith M. ....	Greenacres Maternity Home	79304	Nov. 24/30 (4)
Bailey, Annie .....	457, Ashton Road .....	49570	Nov. /19 (4)
Barratt, Bertha .....	39, Dunkerley Street ...	38797	Nov. 1/13 (4)
Billington, Annie .....	77, Vulcan Street.....	33601	June 20/1911 (4)
Bowden, Marian.....	Greenacres Maternity Home	78713	Aug. 16/30 (4)
Brogan, Mary.....	Oldham Nursing Assoc.	83566	(4)
Butler, Margaret .....	79, Eldon Street .....	90479	Aug. 11/34 (4)
Challinor, Elizabeth .....	26, Dickenson Street ...	480	Dec. 17/1903
Clegg, Kate.....	3, Featherstall Road S.	38861	Nov. 1913 (4)
Cockcroft, Ethel.....	28, Merton Avenue .....	78103	May 24/1930 (4)
Coote, Margaret.....	Greenacres Maternity Home	79428	Nov. 24/30 (4)
Corless, Elizabeth Ellen..	40, Florida Street.....	10733	Dec. 22/1904 (1)
Costello, A.....	69, Oldham Rd., Royton	42668	June /1915 (4)
Crompton, Elsie.....	121, Abbey Hills Road	78778	Aug. 15/30 (4)
Cummins, M. E. ....	9, Mirfield Avenue .....	88434	Nov. 25/33 (4)
Cunliffe, M. E. ....	40, Florida Street.....	75512	Feb. 26/28 (4)
Dalton, Caroline .....	12, Charter Street.....	54723	Aug. 13/1921 (4)
Davies, N. ....	2, Ruskin Street .....	74304	Nov. 24/28 (4)
Denton, Jane Ann.....	10, Elizabeth Street, Whitefield, Nr. M/c.	18831	April 27/1905 (4)
Eastwood, Annie .....	335, Greenacres Road ...	46434	Nov. 10/1917 (4)
Eccles, Leah D.....	49, Prince Albert Street	72684	Feb. 25/28 (4)
Ellard, Mary A. ....	11, Albert Street .....	20617	April 28/1886
Entwistle, Alice .....	88, Manchester Road ...	70956	May 26/27 (4)
Field, Norah .....	Greenacres Maternity Home		(4)
Fitton, B. E. ....	29, Burnley Lane, Chadderton	56915	April 19/1922 (4)
Fray, Ethel.....	Greenacres Maternity Home	73272	May/1927 (4)
Hargreaves, B. ....	12, Oriel Avenue .....	68953	April 29/26 (4)
Hatch, Emma.....	245, Ashton Road West, Failsworth	40388	June 22/14 (4)

## LIST OF MIDWIVES—CONTINUED.

Name.	Address.	Number of Certificate	Date of Certificate.
Hawcroft, Elsie.....	251, Burnley Lane, Chadderton	57614	June 10/22 (4)
Hobday, Ethel .....	Greenacres Maternity Home	49239	Aug. 7/1919 (4)
Hill, Florence .....	385, Manchester Road...	36110	June 15/1912 (4)
Jenkinson, Mary Alice ...	29, Grasmere Road .....	48807	May 10/1919 (4)
Lees, E. .... .	780, Hollins Rd. ....	67682	Dec. 12/25 (4)
Lees, Jane .... .	94, Stanley Road, Chadderton	74796	Nov. 24/28 (4)
Marshall, G. R. ....	Greenacres Maternity Home	70614	(4)
McGrath, Margaret .....	78, Featherstall Road, N	59476	Feb. 10/1923 (4)
Noton, Jane.....	15, Westfield Street Chadderton	80423	Feb. 3/31 (4)
Passey, Clara .....	218, Chadderton Road	74448	Nov. 14/1928 (4)
Platt, May .....	30, Lees Street, Shaw	74755	Nov. 24/1928 (4)
Reeves, Sarah Elizabeth.	176, Garforth Street..... Chadderton	41891	Feb. 20/1916 (4)
Ruddock, Winifred E. ...	Greenacres Maternity Home	85528	Nov. 26/32 (4)
Rushworth, Edith .....	8, Carrington Street, Hollinwood.	75404	Feb. 23/1929 (4)
Shaw, Martha.....	93, Henshaw Street .....	78523	May 24/30 (4)
Shaw, Vera.....	720, Oldham Road, Bardsley, Ashton-u-Lyne	64107	Aug. 9/24 (4)
Stafford, Martha Ann ...	41, Walker Lane, Springhead...	46268	Aug. 11/1917 (4)
Thorp, E. A. ....	Oldham Nursing Association	72456	(4)
Trevitt, N. ....	364, Ripponden Road ...	59642	Feb. 10/1923 (4)
Wild, Hilda ...	17, Kersley Street .....	54887	Aug. 13/1921 (4)
Wilkinson, M. A. ....	1, Eden Street .....	62162	Dec. 12/23 (4)
Woolfenden, Hilda .....	18, Shaw Road, Newhey	61452	Oct. 8/1923 (4)

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

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



## POOR LAW MEDICAL OUT-RELIEF.

As reported last year the District Medical Officers are under the control of the Public Assistance Committee.

## LABORATORY FACILITIES.

There is no alteration in the arrangements for this work and it is undertaken at the Oldham Royal Infirmary and the Public Health Laboratory, Manchester. Sputum examinations are done at the Health Offices.

## LEGISLATION IN FORCE.

No additional powers have been obtained during the year.

## *General Provision of Health Services.*

---

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

(1) THE OLDHAM ROYAL INFIRMARY with 182 beds for in-patients, a large out-patient's Department, a fully equipped Electrical and Orthopædic Department and a well appointed Laboratory. The Venereal Disease Clinic is at this Institution.

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

(3) A NURSING HOME thoroughly well equipped and managed by a Committee of Medical Men practising in the Borough. Maternity cases are also admitted. Medical Practitioners attend their own cases in the Institution.



(4) BOUNDARY PARK MUNICIPAL HOSPITAL. This Hospital is now conducted under the Public Health Acts and not under the Poor Law. The complete transference from the Poor Law Institution took place on April 1st, 1932. Almost the only connection remaining is that the laundry for the Hospital is done by the Institution.

During the year improvements have been made by the Installation of a New Lift and a fresh Entrance for patients to the Hospital. Patients can now be conveyed to all parts of the Hospital (except the Children's Block) and meals can be conveyed to the various Wards on trolleys, thus avoiding the dangerous proceeding of carrying them up a stairway. A new Open-air Children's Pavilion has been opened in the place of the old Children's Block. The children were not in this Pavilion above a week or two before a general improvement in their appearance was noticed.

The old Children's Block has been partially made use of by fitting up an Ante-natal Clinic and Dining Rooms for men and women who are not resident in the Hospital.

Since the end of the year a full time Medical Superintendent has been appointed in place of the part time Superintendent Medical Officer. He will also act as the Medical Officer for The Institution. The demand on the Maternity Ward has been very great and it has at times been overcrowded. The Maternity and Child Welfare Committee have for some months been considering measures for additional accommodation.

During the year there were 733 Surgical Operations under general anæsthetic compared with 753 in 1933, and 821 Maternity Cases compared with 728. The Population served is about 236,500 of which about 95,000 belong to the County area.



The following is a summary of Patients admitted during the year:—

Number of beds (approximately)

	MEN	WOMEN	CHILDREN	TOTAL
Medical ... ..	58	49	2	109
Surgical ... ..	28	32	3	63
Children ... ..	—	—	37	37
Tuberculosis ... ..	—	5	10	15
Isolation ... ..	5	1	1	7
Maternity ... ..	—	16	—	16

Statistics relating to the Year ending December 31st, 1934.

IN-PATIENTS.

	1933	1934
1. Total number of admissions... ..	4544	4272
2. Number of Maternity Cases admitted...	728	821
3. Number of live births ... ..	680	769
4. Number of still births ... ..	55	64
5. Number of deaths among the new-born (i.e., under four weeks of age) ... ..	15	21
6. Total number of deaths among children under one year... ..	55	38
7. Number of maternal deaths ... ..	12	12
8. Total number of deaths ... ..	592	523
9. Number of patients discharged ... ..	3937	3786
10. Average duration of stay of patients, included in 8 and 9 above (total patient days divided by deaths and discharges)	23·03 <sup>days</sup>	22·75
11. Number of beds occupied (a) average during the period... ..	288	268
(b) highest ... ..	331	311
(c) lowest ... ..	242	227

	1933	1934
12. Number of surgical operations under general anæsthetic (excluding dental operations) ... ..	753	733
13. Number of abdominal sections ... ..	259	233

### OUT-PATIENTS.

No Out-patient Department.

Classification of in-patients who were discharged from or who died in the Institution during the year ended 31st December, 1934.

Disease Groups.	Children under 16 yrs.		Men and Women	
	Dis- charged	Died	Dis- charged	Died
A. Acute Infectious Disease ... ..	18	5	18	4
B. Influenza ... ..	3	0	10	1
C. Tuberculosis				
Pulmonary ... ..	2	0	19	2
Non-pulmonary ... ..	7	5	20	4
D. Malignant disease ... ..	1	0	25	41
E. Rheumatism				
(1) Acute rheumatism (rheumatic fever) together with sub-acute rheumatism and chorea ...	24	0	30	2
(2) Non-articular manifestations of so called "rheumatism" (muscular rheumatism, fibrositis, lumbago and sciatica) ... ..	0	0	24	2
(3) Chronic Arthritis ... ..	0	0	31	4
F. Venereal disease ... ..	0	0	1	1
G. Puerperal Pyrexia ... ..	0	0	12	0
H. Puerperal Fever ... ..	0	0	2	4
I. Other diseases and accidents connected with child bearing ... ..	0	20	115	12



## CLASSIFICATION— continued.

						Children under 16 yrs.		Men and Women	
						Dis- charged	Died	Dis- charged	Died
J.	Mental diseases	...	...	...	...	0	0	7	0
K.	Senile decay	...	...	...	...	0	0	19	13
L.	Violence	...	...	...	...	16	0	65	12
M.	Disease of the Nervous System and Sense Organs	...	...	...	...	22	8	111	47
N.	Disease of the Respiratory System					180	14	245	88
O.	„ „ „ Circulatory					3	2	128	85
P.	„ „ „ Digestive					43	4	374	58
Q.	„ „ „ Genito-Urinary					14	0	240	52
R.	„ „ „ Skin					34	2	91	11
S.	Other diseases	...	...	...	...	38	8	108	12
T.	Mothers and Infants discharged from Maternity Wards and not included in above figures	...	...	...	...	733	0	786	0
U.	Any Persons not falling under above headings	...	...	...	...	72	0	95	0
Totals						1210	68	2576	455

(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. During the year 768 cases were admitted for treatment.

(6) TUBERCULOSIS SANATORIUM AT STRINESDALE—The Hospital part of this building has been completed and is now a well-equipped and up-to-date Sanatorium but the old administrative portion becomes more and more dilapidated and is really unfit for use. 100 cases were admitted during the year and there were 9 deaths.

During the year the long delayed (10 years) Administrative and Residential Blocks were sanctioned and will be ready for occupation during the current year. The accommodation during the last few years can only be described as a discredit to any town. The new buildings will make the Sanatorium an up-to-date Institution.

(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 Authorities for cases of Tuberculosis, and was occupied as such during the whole of the year.

(8) MATERNITY HOME—This Institution remains the same and a summary of the number of cases admitted is given on a later page. There are now 14 beds in the Hospital, and one isolation bed.

TUBERCULOSIS DISPENSARY (25, Barker Street).

VENEREAL DISEASES CENTRE—At Royal Infirmary.

MATERNITY AND CHILD WELFARE CENTRES (See later).

DAY NURSERY. No alteration.

SCHOOL CLINICS—Two in number with two dental clinics. An additional Dental Clinic is being arranged.

ORTHOPÆDIC CLINIC.—The Isabella Greenhalgh Orthopædic Institution has been in active work throughout the year and on the days when the Orthopædic Surgeon visits, the rooms have been exceedingly crowded with patients waiting for a consultation. The Institution has been a great boon to the inhabitants of Oldham.



AMBULANCE FACILITIES—For Infectious Cases two Motor Ambulances are kept at the Infectious Diseases Hospital. For non-infectious cases the Police have taken over the removal of all these cases to Hospital. The service within an area of 10 miles, which more than covers the area for which Boundary Park Municipal Hospital is available, is entirely free, except for Middleton. The cost of the Ambulance Service is borne by the Local Authorities in proportion to their rateable value. As the result of this the Public Assistance Ambulances do not remove any cases to Boundary Park Municipal Hospital with the exception of cases from the Institution, and cases from one block in the Hospital to another for which a fee is paid.

## *Sanitary Circumstances of the District.*

### WATER SUPPLY.

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

#### Average daily consumption of water

in the supply area for year	1925	6,457,076 galls.
Do. do.	1926	6,568,994 „
Do. do.	1927	6,651,754 „
Do. do.	1928	7,033,203 „
Do. do.	1929	6,772,959 „
Do. do.	1930	6,595,803 „
Do. do.	1931	6,221,997 „
Do. do.	1932	6,332,197 „
Do. do.	1933	6,706,541 „
Do. do.	1934	5,426,907 „

#### Daily quantity of compensation water,

1934	...	...	...	...	3,079,288 „
------	-----	-----	-----	-----	-------------

Estimated population supplied in 1934 220,746

Area of Gathering Ground of Works... 7,353½ acres

Total storage capacity of all reservoirs 2,527,000,000 galls.

Available for the domestic supply 1,829,106,000 „

#### Amount of water in reservoirs at

close of year, Dec. 31st, 1934... 2,205,248,000 „

At the close of the year the reservoirs contained about 30½ weeks' supply.

The average amount of water used per head per day of the above population is about 24.58 gallons.



In consequence of the Drought, though there was no shortage of water, warning notices were issued to consumers and there was a very large reduction in the quantity of water used per head per day due to the response by the townspeople to the appeal.

The amount used per head per day was about 24·58 gallons compared with 30·20 in the previous year.

Two or three complaints were received about a sediment in the water which was found to be peat and was remedied by flushing.

### RIVERS AND STREAMS.

The conditions remain the same. There are no Rivers in the Borough, only small Streams, some of which have been sewerized.

### SEWAGE WORKS.

As previously mentioned the filter and contact beds were not giving suitable effluents owing to the gradual effects of colloids which was remedied only for a limited period by washing the clinker, &c. After due consideration and visits to other Works where the modern method of sewage and sewage treatment had been installed, the Health Committee came to the conclusion that the Bioæration method and sludge digestion was the most effective and economic method. Before, however, adopting the method recommended by those in charge of Works, it was decided to ask for a report of the Works by the eminent Engineer, Mr. J. L. Watson.

After full investigation he confirmed this opinion and was asked to prepare plans for bringing the Works up to date and the adoption of this method. These plans have since

been submitted and approved by the Council. The cost will be approximately £82,000.

The Manager has submitted the following Report on the year's working.

### SEWAGE WORKS ANNUAL REPORT, 1934.

Perhaps the past year has been one of the most trying, from a purification point of view, experienced in the whole history of the Sewage Works; the year divided itself into two parts, in the first part the effects of the long drought were shewn in the enormously increased strengths of the crude sewages arriving at the works.

The strengths of these sewages at peak flows were as much as three and four times the strengths of the normal sewages, and the purification plant was called upon to deal with a burden quite beyond its capabilities.

In the second part of the year the heavy rains weakened the crude sewage somewhat, but considerable difficulty was encountered due to the liquifaction of the sludge stored in the open lagoons.

The removal of the clinker for the purpose of washing from the percolating filters has been proceeding throughout the year. Two filters were emptied and refilled with a mixture of stone and destructor clinker and in each case a large amount of repair work had to be done to the foundations, channels and walls; where necessary the brick walls have been replaced with reinforced concrete. Approximately 5,000 c. yards of media have been washed in the washing plant.

On Mondays and Tuesdays during the dry weather precipitants were used to help the purification plant and



on the whole their use proved beneficial, although at periods on most days the quality of the final effluent was far from satisfactory.

An attempt was made during the summer to lay out simply and in good taste the gardens at the works ; this was accomplished at very small cost and was well worth while if only to show that the time is now past when a sewage purification works need be objectionable either in appearance or in character.

The experiment of using a covered concrete lagoon for the partial digestion of sludge under atmospheric conditions, to be followed by dewatering and drying in an open lagoon was disappointing although not a failure in every way.

Alkaline conditions were maintained throughout the year, but very little reduction in organic matter took place.

The following procedure was adopted :—

Each week a quantity of raw sludge was added to the digestion tank and an equal quantity of partially digested sludge was withdrawn and pumped into the open lagoon ; this went on until the open lagoon was full ; the lagoon stood full for six months and on removal of the sludge the average moisture content was still very high. There was, however, a very noticeable absence of the objectionable odour usually associated with sludge lagooning

In the early part of the year certain of the percolating filters were ponding and it was decided to try to remove the cause of ponding by using one of the chlorination methods ; for this purpose three successive doses of "Milk of Bleaching Powder" were added to the influent. This method proved very effective and no further ponding was observed during the remainder of the year.

**SEWAGE FLOW.** The total amount of sewage treated during the year was 2,256,630,000 gallons, which is equal to a daily average flow of 6,182,207 gallons.

**SLUDGE DISPOSAL.** The total amount of sludge deposited in the tanks was 19,213 tons equal to 8.56 tons per million gallons.

The total amount of sludge cake removed from the works was 3,660 tons approximately.

The following analysis of Sewages and Effluent have been carried out by the Chemist, Mr. F. C. Holt, Assoc. M.C.T., A.M. Inst. S.P.

Average results expressed in parts per 100,000.

	Sewage	Tank Effluent	Final Effluent
Oxygen absorbed 4 hours test	5.90	4.76	1.48
Free Ammonia ... ..	3.96	4.10	1.27
Albuminoid Ammonia ...	0.71	0.55	0.23
Chlorine ... ..	12.05	11.80	11.26
Nitrites and Nitrates ...	—	—	0.46
Suspended Matter, Mineral	9.0	5.0	2.4
Do. Volatile	19.4	7.1	3.7
Do. Total	28.4	12.1	6.1

Percentage of Purification—

	By 4 Hours Oxygen Absorption Test	By Albuminoid Ammonia Test
Sewage to Final Effluent ...	74.9	67.7
Tank to Final ... ..	68.9	58.5

250 Samples of Final Effluent were incubated. 232 remained good, 6 were bad and 12 were doubtful.

The following is the average analysis of "chance" samples of sewages during the drought period.

17.21 pts. of Oxygen absorbed in the four hours test.



Analyses of Sewages and Effluents during periods of using Aluminoferric.

OXYGEN ABSORBED IN 4 HOURS TEST.

Results in Parts per 100,000.

Sewage	Tank Effluent	Final Effluent
8.84	6.14	1.53
7.88	6.18	1.79
9.16	5.70	1.47
10.80	7.96	1.88
20.72	8.88	2.08
15.78	8.26	1.77
13.44	6.73	1.34
20.42	7.20	1.82
11.68	7.54	1.95
11.90	5.94	—
18.48	6.19	1.58
15.77	7.98	1.63
8.44	4.80	1.19
7.56	5.34	0.71
8.41	6.24	1.41
8.88	5.50	1.21
—	—	—
Average 12.38	6.66	1.56

Percentage of Purification :—

Sewage to Final Effluent = 87.4%

Tank to Final Effluent = 76.6%

J. TAYLOR, Assoc. M.C.T., A.M. Inst. S.P.,  
Manager.

CLOSET ACCOMMODATION AND SCAVENGING.

During the year 720 additional water closets were provided for various houses in the Borough. There are

still 1,333 pail or can closets which should be converted, but they are chiefly in houses where at present there is no sewer available. There are now 24,555 waste water and 1,333 pail closets, compared with 24,577 waste water and 1,420 pail closets in the previous year.

## REFUSE.

The method of dealing with this has been detailed in previous reports and a summary of the amount dealt with in the different ways is given in the table at the end of this report.

A scheme is in hand for erecting a modern plant for dealing with the refuse.

Most of the clinker made at the three Destructors except that used for mortar making is used at the Sewage Works for filter material. No complaints have been received during the year of any nuisances arising from the Destructors.

The following table indicates the number of the various Sanitary Conveniences in the Borough at the close of each of the last five years. These Statistics as well as those relating to the work done have been supplied to me by the Superintendent of the Carrying and Cleansing Department.

	1929	1930	1931	1932	1933	1934
Number of Ashpits in the Borough .....	none	none	none	none	none	none
„ Ashcans „ .....	34862	36524	36681	36860	37149	37869
„ Sanitary Pans „ .....	1867	1656	1611	1429	1420	1333
„ Water Closets „ .....	10235	10563	11127	11347	12031	12875
„ Waste-water Closets in the Borough .....	24638	24623	24606	24582	24577	24555
„ Latrines (Clean Water) in the Borough .....	2930	2921	2906	2906	2889	2846



## WATER CARRIAGE DEPARTMENT.

REPORT OF WORK DONE FOR THE YEAR ENDED  
DECEMBER, 1934.

	W.W.C's	W.C's	Latrines	TOTAL
No. of Blockages cleared ...	5862	—	37	5899
No. of Drains cleared ...	—	—	—	379
Drains found blocked, requiring excavating ...	—	—	—	268
Tippers found not working and re-adjusted ...	—	—	—	357
Tippers, Fittings, &c., found broken ...	—	—	—	1040
New Tippers, Fittings, &c., fixed	—	—	—	1153
Visits paid Flushing Latrines, &c.	—	—	—	10535

## *Sanitary Inspection of the Area.*

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The following is the Report of the Chief Sanitary Inspector, and in Table 25 and subsequent ones are summarised the visits, and inspections and all of the details of the work of the Sanitary Inspectors' Department.

### REPORT OF THE CHIEF INSPECTOR FOR THE YEAR, 1934.

TO THE MEDICAL OFFICER OF HEALTH.

SIR,

I have pleasure in presenting to you my Report of the work of your staff of Inspectors for the past year.

**Contagious Diseases of Animals**—We have had one outbreak of Contagious Disease during the year, viz :—Swine Fever.

**Food Inspection**—The visits to premises where food is prepared or deposited for sale, numbered 13,762. As a result of these visits 27 tons of diseased or unsound food was destroyed, all of which was surrendered by the vendors. During the year 178 cases of Tuberculosis in Animals were reported, in addition 661 cases were found, making a total of 839 cases, of these 539 occurred in cattle and 300 in swine.

**Slaughterhouses**—We began the year with 34 Slaughterhouses on the register. During the year none were added to the register, and none were lapsed.



**Dairies and Cowsheds**—These premises have been inspected during the year. Over 400 cows found on the premises at the time of inspection were examined, but none showing signs of Tuberculosis were found.

**Bacteriological Examination of Milk**—During the year 71 samples of milk have been examined for Tuberculosis as follows:—37 samples from 408 cows on 32 farms within the Borough, 34 samples from 519 cows on 24 farms outside the Borough, two of the latter being found affected with Tuberculosis.

**Samples of Food and Drugs**—During the year 197 samples were obtained under the Food and Drugs Acts, and two samples were obtained informally, making a total of 199 samples, all of which were submitted to the Borough Analyst. This is an increase of 22 samples when compared with the previous year.

**Smoke Inspection**—During the year 1097 observations were made. In nine cases the limit was exceeded and in 17 cases it was approached and reported to the Medical Officer of Health. The nine cases which exceeded the limit were dealt with as follows:—a legal notice was served on four offenders and five were cautioned by the Health Committee.

**Inspection of Nuisances**—During the year 3914 notices were served for the abatement of nuisances, of these 3798 were remedied during the year. In connection with these nuisances 13014 re-visits were paid during the year.

**Closet Accommodation** — During the year 63 additional Closets were provided for houses. Since we began this work 3039 additional Closets have been provided.

**House Inspection**—During the year 5,726 houses were inspected under the Housing Act, and Public Health Act. A notice to cleanse was served on 10 occupiers, all of which were complied with before the end of the year. The number of houses found defective amounted to 1337. 1276 houses were repaired during the year.

**Houses Let-in-Lodgings**—During the year 8,719 visits were paid, resulting in the serving of 6 notices to cleanse, 106 notices to repair, 30 notices for overcrowding, 13 notices for the separation of sexes, 2 notices for failing to register, 13 notices for other defects, a total of 170 notices, of which 158 were complied with during the year. During the year 9 houses containing 82 rooms have been added to the register, and 19 houses containing 90 rooms have been lapsed.

At the end of the year we had 142 houses containing 824 rooms on the register.

**Infectious Diseases**—The number of visits paid amounted to 759, an increase of 60 when compared with the previous year. In addition 48 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



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

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### 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 a very slight alteration from the previous year:—

Total number of Lodging Houses	...	...	11
Total Nightly Accommodation...	...	...	811
Total Accommodation reserved for Females	...	...	67
No. of Lodging Houses receiving Women only.			2

2. **Houses Let-in-Lodgings**—These remain much the same as in the previous year.

3. **Furnished Rooms**—The number of furnished rooms is given on a later page. These are visited at least once per month by one of the Inspectors. Unfortunately beyond subsequent registration and compliance with the bye-laws there are no means of preventing any house being used for this purpose and as some of these premises have been set

up in residential districts considerable deterioration of the property has resulted. The number of houses used for lodgings has this year decreased by 10, and the rooms registered by 8. 8,719 visits have been paid to these by the Inspectors and 170 defects for which notices have been served were found, 158 of these defects have been remedied. The nature of these defects will be found in the Tables at the end of the report.

### 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.

OFFENSIVE TRADES.					1933.	1934.
Tripe Boilers	...	..	...	...	7	7
Marine Stores	...	...	...	...	9	10
Grease Works	...	...	...	...	2	1
Gut Scrapers	...	...	...	...	3	3
Hide and Skin Depots	...	...	...	...	2	2
Chemical Works	...	...	...	...	1	1
					<hr/>	<hr/>
					24	24

### SMOKE ABATEMENT.

During the year 1937 smoke observations have been taken and 9 firms exceeded the limit allowed. In four cases it was the first offence and in the other five the representatives of the mills affected attended before the Health Committee and were cautioned against repetition of the offence. The Committee were somewhat loath to take proceedings owing to the bad trade in the Borough and the difficulty of keeping the mills going. In most of these cases moreover a somewhat reasonable excuse was tendered.



The measures for forming a Regional Smoke Abatement Committee is still in abeyance mainly owing to bad trade in the cotton mills, &c.

### FACTORIES AND WORKSHOPS.

The Factories are visited where necessary for the remedying of nuisances reported by the Factory Inspector. Workshops are regularly inspected. 452 visits have been paid to such premises. 20 notices for defects have been served during the year and 18 were complied with.

There are practically no outworkers in the Borough.

Several of the older mills have been closed and some demolished. The mill reservoirs have in many of these mills been drained and filled in.

The following is a list of the Workshops registered :—

Blacksmiths ... ..	6	Laundries .. ..	10
Blind Manufacturers... ..	—	Machine Brokers .....	9
Bottlers (Beer) .....	2	Mantle Makers .....	5
Brass Founders .....	1	Marine Stores .....	9
Brush Makers .....	—	Milliners .....	23
Cabinet Makers .....	4	Mineral Water Manufacturers	1
Carriage Builders .....	1	Pattern Makers .....	1
Cartsheet Manufacturers .....	2	Picture Framers .....	1
Cloggers and Boot Shoe		Plumbers .....	9
Repairers .....	58	Printers .....	3
Coffin Makers .....	4	Roller Coverers .....	2
Cotton Waste Dealers .....	25	Rope Makers .....	1
Curriers .....	1	Saddlers .....	4
Cycle Makers and Motor		Saw Cutters .....	2
Engineers .....	10	Scale Makers .....	3
Dentists .....	4	Shoe Makers .....	27
Dress Makers .....	17	Skip Makers .....	4
Dyers .....	—	Tailors .....	19
Electricians .....	3	Tile Fitters .....	2
Electro-Platers .....	1	Tinsmiths ... ..	12
French Polishers .....	—	Umbrella Manufacturers .....	1
Heating Apparatus Manufac-		Upholsterers .....	4
turers .....	1	Watch Repairers .....	2
Hosiery & Stocking Knitters	1	Wire Workers .. ..	1
Ice Cream Manufacturers ...	8	Wheelwrights .....	4
Iron Founders .....	2	Wringing Machine Manufac-	
Joiners .....	11	turers .....	1
		Sundry Trades .....	6



## CARAVANS.

There still remains a number of these in the Town, generally they are kept in a clean condition but the Sanitary accommodation for them is in many cases very limited.

## SCHOOLS.

The arrangements are the same as in the previous year and a separate report has been issued.

With the exception of the Medical Officer of Health who is also Superintendent School Medical Officer the Medical and Nursing Staffs of the Health and School Medical Service are distinct but there is co-ordination between them through the Medical Officer of Health being in charge of the services. The School Medical Officers act under his direction and report to him. The two Dentists have been unable to cope with the necessary work and a third Dentist is being appointed.

## HOUSING.

HOUSING CONDITIONS. — There is still a considerable demand for houses in the town. In many cases the application is from persons who are already tenants but who require better houses and a smaller demand from persons living in lodgings or in furnished rooms.

There is considerable delay in rehousing the people from condemned houses owing to the right type of house not being available, small houses for families of one or two persons are necessary and until these are provided many of the worst houses cannot be closed. The cellars and under-dwellings which were officially closed early in the year are mostly still occupied owing to no suitable house being available.

The deinfestation of houses for vermin which is being carried out by the Cyanide process is proving a very expensive matter.

The following Table Tabulates the work which has been carried out during the year under the 1930 Act.

### HOUSING ACT, 1930.

#### SUMMARY OF WORK FOR THE YEAR 1934.

No. of Areas Represented, 1933-4	...	...	...	...	25
No. of Houses in Areas	„	...	...	...	237
No. of Persons	„	„	...	...	972
No. of Houses approved by Ministry in Areas for Demolition	...	...	...	...	215
No. of Persons in Approved Houses	...	...	...	...	886
No. of Houses Closed, 1934	...	...	...	...	30
No. of Persons Re-housed, 1934	...	...	...	...	175
No. of Houses Demolished, 1934	...	...	...	...	Nil
No. of Cellars Represented	...	...	...	...	15
No. of Under-dwellings Represented	...	...	...	...	39
No. of Individual Houses	„	...	...	...	3
No. of Closing Orders—Cellars	...	...	...	...	15
„ „ —Under-dwellings	...	...	...	...	39
„ „ —Individual Houses	...	...	...	...	3
No. of Dwellings Closed—Cellars	...	...	...	...	Nil
„ „ —Under-dwellings	...	...	...	...	2
„ „ —Individual Houses	...	...	...	...	1
Persons Re-housed—Cellars	...	...	...	...	Nil
„ „ —Under-dwellings	...	...	...	...	10
„ „ —Individual Houses	...	...	...	...	4



The following Statistics give particulars of the work in connection with Housing during the year :—

### Statistics for the year, 1934.

Number of new houses erected during the year 1934 :—

(a) Total

(i) By the Local Authority	...	...	..	...	72
(ii) By other Local Authorities...	...	...	...	...	Nil
(iii) By other bodies or person	...	...	...	...	214

(b) With State assistance under the Housing Acts:

(i) By the Local Authority	..	...	...	...	Nil
(a) For the purpose of Part II of Act 1925 ..	Nil				
(b) For the purpose of Part III of Act 1925...	Nil				
(c) For other purposes	...	...	...	...	72
(ii) By other persons	...	...	...	...	Nil

### 1—Unfit Dwelling Houses.

#### INSPECTION :—

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	5726
(b) Number of Inspections made for the purpose	... ..	13014
(2) (a) Number of dwelling houses (included under sub-head (1 above) which were inspected and recorded under the Housing Consolidated Regulations		
1925	... ..	3238

(b) Number of Inspections made for the purpose ... ..		7110
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...		215
(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 ...		1337
<b>2—Remedy of defects during the year without service of formal Notices.</b>		
Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ...		861
<b>3—Action under Statutory Powers during the year.</b>		
(a) PROCEEDINGS UNDER SECTIONS 17, 18 and 23 OF THE HOUSING ACT, 1930 :		
(1) Number of dwelling houses in respect of which notices were served requiring repairs		309
(2) Number of dwelling houses which were rendered fit after service of formal notices :		
(a) By owners ... ..		291
(b) By Local Authority in default of owners ... ..		2
(b) PROCEEDINGS UNDER PUBLIC HEALTH ACTS.		
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... ..		123



(2) Number of dwelling houses in which defects were remedied after service of formal notices :	
(a) By owners ... ..	121
(b) by Local Authority in default of owners ... ..	1
(c) PROCEEDINGS UNDER SECTIONS 19 AND 21 OF THE HOUSING ACT, 1930 :	
(1) Number of dwelling houses in respect of which Demolition Orders were made ...	3
(2) Number of dwelling houses demolished in pursuance of Demolition Orders .. ..	Nil
(d) PROCEEDINGS UNDER SECTION 20 OF THE HOUSING ACT, 1930 :	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ..	54
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit... ..	Nil
(e) PROCEEDINGS UNDER SECTION 3 OF THE HOUSING ACT, 1925 :	
(1) Number of dwelling houses in respect of which notices were served requiring repairs	Nil
(2) Number of dwelling houses which were rendered fit after service of formal notices :	
(a) By owners ... ..	Nil
(b) By local authority in default of owners ... ..	Nil

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

( f ) PROCEEDINGS UNDER SECTIONS 11, 14,  
AND 15 OF THE HOUSING ACT, 1925 :

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

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

(3) Number of dwelling houses in which Demolition Orders were made ... .. Nil

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

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	—	—	Demolished. New Property Built
2	2	—	—	” ” ”
1	1	—	—	” ” ”





## *Inspection and Supervision of Food.*

---

**(A). Milk Supply**—There are very few dairy farms within the Borough, the number 33, is one less than in the previous year.

The number of Cowsheds on these farms is 71, four having lapsed during the year. The number of visits to these premises during the year was 146 compared with 124 in the previous year.

In Table 27 will be found the number of Registered Purveyors of Milk. The Oldham Farmers number 33, those from outside areas 186.

Five persons are licensed to Sell Certified Milk : one to Pasteurise Milk and 50 to Sell Pasteurised Milk, one to produce Grade A Milk, and one to sell Grade A.

During the year 72 samples of Milk were purchased for examination for the presence of the Tubercle Bacillus, 38 from Oldham Farms and 34 from outside Farms.

The following table gives particulars relating to these.

In the Oldham Samples none were found positive. The sources of the positive samples in outside farms were reported to the County Authorities.



## BACTERIOLOGICAL EXAMINATION OF MILK, SUMMARY FOR 1934.

## TUBERCULOSIS.

Samples obtained from	No. of Cows Dry	Negative			Positive			Totals			Percentages	
		Samples	Farms	Cows	Samples	Farms	Cows	Samples	Farms	Cows	Samples	Cows
Oldham Farms... .. *	48	( 37 1	32	408	—	—	—	{ 37 * 1	32	408	—	—
West Ridings Farms ...	3	8	6	109	—	—	—	8	6	109	—	—
Derbyshire        "	—	4	2	80	—	—	—	4	2	80	—	—
Cheshire        "	3	8	7	120	1	1	17	9	8	137	11.11	12.40
Lancashire County Farms	8	8	7	163	1	1	30	9	8	193	11.11	15.54
Bulk Farms ... .. *	—	4	—	—	—	—	—	4	—	—	—	—
<b>TOTALS</b>	62	70	54	880	2	2	47	72	56	927	2.77	5.07

\*No Result Available.    Guinea Pigs Died.

## BACTERIAL COUNT.

Purpose for Sample Taken	No. of Samples	Satisfactory	Not Satisfactory
MILK (Special Designation) Order 1923	3	3	Nil
GENERAL (For Dirt, Contamination, etc.)	2	2	Nil
Total ... ..	5	5	Nil

**(B). Meat Supply**—There are 34 Slaughter Houses on the Register. 4833 visits have been paid to them for the Inspection of Meat, &c.

In addition to the above about 4,735 visits were paid to Butcher's shops and about 2,500 visits to Fish and other Food shops.

It was only necessary to serve three notices for the remedy of defects all of which were complied with.

There is no public Abbatoir in the town.

The amount of unsound food destroyed during the year was 27 Tons 15½ Cwt.



## 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	No. of Samples	Description of Sample	Genuine	Not Genuine	Summoned before Magistrates	Cautioned by Committee
—	3	Butter ... ..	3	—	—	—
—	1	Lard ... ..	1	—	—	—
—	8	Rice ... ..	8	—	—	—
—	1	Sultanas ... ..	1	—	—	—
—	1	Potted Meat ... ..	1	—	—	—
—	3	Pearl Barley ... ..	3	—	—	—
—	5	Coffee ... ..	5	—	—	—
—	1	Self Raising Flour ... ..	1	—	—	—
2	95	Milk ... ..	95	2	2	—
—	4	Certified T.T. Milk ... ..	4	—	—	—
—	22	Whisky ... ..	21	1	—	1
—	22	Rum ... ..	22	—	—	—
—	7	Mint (Bottled) ... ..	4	3	—	3
—	3	Cheese ... ..	3	—	—	—
—	4	Mercury Ointment ... ..	4	—	—	—
—	4	Bread & Butter ... ..	3	1	1	—
—	7	Cream of Tartar ... ..	7	—	—	—
—	1	Jam ... ..	1	—	—	—
1	1	Lysol ... ..	—	2	1	—
—	2	Vinegar ... ..	2	—	—	—
—	1	Cornflower ... ..	1	—	—	—
—	1	Baking Powder ... ..	1	—	—	—
3	197		191	9	4	4

There was one Rag Flock sample taken :—Chlorine combined 135 parts per 100,000. Dirty sample.

The results of the Analyses showed that in the unadulterated samples the standard of the Milk supply was very high.

A vendor of so called Lysol was prosecuted. The samples contained only about three per cent of this preparation and was sold as a reliable disinfectant,

## *Maternity and Child Welfare.*

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### 1. MIDWIVES—

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

They are visited and their bags, appliances and books inspected by the Superintendent Nurse at the Infant Welfare Centre, who paid 260 visits to them during the year, an average of about six visits to each of those in private practice.

2. HEALTH VISITORS.—The arrangements have not been altered from those in the previous year.

During the year one of the Health Visitors obtained a better paid post with superannuation in another town, (Nurse Bates at Harrogate), and I regret to say that another Health Visitor (Nurse Appleby) died after a very short illness. Two Nurses were appointed in their places. Nurse McCrae in the place of Nurse Appleby and Nurse Ormandy in the place of Nurse Bates. Both of them hold the Health Visitor's Certificate.

3. WELFARE CENTRES.—There are seven Branch Centres in the town, each under the control of the Health Visitor for the District. Statistics of attendances are given below. The provision of an additional Centre was due to the establishment of the Housing Scheme on an outlying part of the town.



There is also one Centre adjoining the Town Hall, which is open all day. At this Centre besides the usual Welfare routine there is an Infant Clinic and the Antenatal Centre. The Distribution of Free Dry Milk, &c. is carried out here.

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

The following figures give statistics of the work at this Centre.

#### TOWN HALL INFANT WELFARE CENTRE

	1933	1934
Number of Cases on the Books ... ..	601	586
Total Number of Attendances ... ..	10256	10268
Number of Meetings ... ..	160	156
Average Number at each Meeting ... ..	64	66
Average Attendance per Mother ... ..	17	17

#### Cases recommended for Treatment at the Orthopædic Institute

Cases sent to Mr. Poston ... ..	9
„ „ for Sunlight treatment ... ..	15
„ „ for Massage .. ...	—

#### INFANT CLINIC.

This is held at the above Centre and the following table gives particulars of those attending. No actual Medical Treatment is given, cases requiring this are referred to their own Doctor or a Hospital. Minor cuts, bruises or wounds in Infants are the only Surgical Cases treated.

	1933	1934
Total number of Visits to Clinic ... ..	1734	1517

## SUMMARY OF CASES WHICH ATTENDED AT THE CLINIC.

Disease	No. of Cases	Visits to Clinic	Cured	Under Treatment	Improved	Sent to Hospital
Septic Umbilicus ...	120	333	82	18	20	—
Deformities & Rickets	34	82	6	18	10	20
Hernia ... ..	26	87	13	11	2	1
Circumcision ... ..	17	50	14	3	—	12
Sore Eyes ... ..	16	40	11	3	2	7
Marasmus ... ..	42	165	6	22	14	13
Skin Eruptions ...	45	173	35	4	6	5
Ear, Throat & Nose	28	63	17	10	1	15
Sundries... ..	58	244	41	10	7	3
Total ...	386	1237	225	99	62	76

## ANTE-NATAL CASES.

The following are statistics of the Ante-Natal Centre. The Assistant Medical Officer has usually two sessions per week and the consulting Obstetrician attends to see special cases on the first Monday in the month.

Only occasionally does a Medical Practitioner in the town take advantage of the opportunity of a consultation available. From the following table it will be seen that in one-fifth of the confinements the Mothers had attended the Clinic.

There was a slight decrease in the number of Expectant Mothers who attend the Clinic and in the number of consultations. This is probably due to the establishment of an Ante-Natal Clinic at the Municipal Hospital for those entering this Hospital for their confinement. A large number attended this Clinic.



During the year a scale of payments to Midwives has been arranged, viz :—

1. Compensation to Midwives for cases removed to Hospital under a Doctor's orders.
2. Payment for necessitous cases; and
3. Payment for attendance in emergency cases.

For two and three a scale of income has been arranged under which these payments can be made.

At the latter part of the year these regulations were modified necessitating attendance at the Ante-Natal Centre a condition of the grant, see No. 2.

The following Table gives particulars of the attendances :—

	1933	1934
No. of Cases...	476	447
Doctor's Consultations...	1058	978
Specialist's Consultations	96	113
Total No. of Attendances	1574	1342
Average Attendance per Case during year...	3	3
Normal Confinements	341	307
Instrumental Confinements	46	40
Doctor in Attendance at Confinement...	56	45
Referred to Oldham Hospitals (for admission)	191	158
"    "    " (for investigation)	—	7
Born in	172	163
Referred to Manchester Hospitals	6	5
Born in	4	8
Referred to Greenacres Maternity Home	105	111
Born in	106	83
Stillbirths	16	20
Miscarriage	1	—
Cases still attending	72	83
" left the district	7	8
" not pregnant	9	9
Visits paid to Midwives	256	260
Medical Help Forms	344	301

## BRANCH CENTRES.

The following Table gives particulars of the attendance of the Mothers and Infants at the various Ward Centres :—

	Hollin- wood Centre	York Street	Overens Street	Lord Street	Copster Hill	Ripp'nd'n Road	Round thorn	Total
No. on Books ...	348	628	525	351	308	342	157	2659
Attendances—								
Mother & Child	4176	4503	8141	4390	5595	4766	1860	33431
Av. Attendance	91	98	173	96	118	103	52	731
Av. Attendance per Mother ..	12	7	15	12	18	14	12	90
No. of Meetings	46	46	47	46	47	46	36	314

Ante-natal Cases are all dealt with at the Town Hall Centre.

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

	1933	1934
First Visits to Infants under 1 year ...	1682	1777
Total Visits to Infants under 1 year ...	6984	7328
Total Visits to Children 1 to 5 years ...	14891	14604
First Visits to Expectant Mothers ...	338	340
Total Visits to Expectant Mothers ...	504	497
Ophthalmia Cases Visited ...	15	11
„ „ Re-visited... ..	27	25
Puerperal Fever and Pyrexia Visited ...	25	17
Visits to Measles ... ..	388	1480
„ Mumps ... ..	653	123
„ Whooping Cough ... ..	96	612
„ Poliomyelitis ... ..	—	—
„ Chicken Pox ... ..	625	587
„ Infant Deaths ... ..	108	127
„ Sundry Enquiries ... ..	1011	1029
Total Visits to Infectious Cases ... ..	1829	2855



### INFANTILE MORTALITY.

The following figures give the principal statistics relating to Infant Mortality. The corrected death rate for infants under one year, per 1,000 births, was 70 compared with 70 in the previous year. The following figures divide legitimate and illegitimate births.

	Legitimate	Illegitimate	Total
Births ... ..	1607	103	1710
Deaths (under 1 year) ...	111	10	121
Death rate per 1,000 births	69	97	70
Still-births ... ..	89	8	97

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

	1930	1931	1932	1933	1934
Infectious Diseases ... ..	39	5	17	3	3
Premature Births ... ..	38	51	35	34	37
Atrophy, Debility & Marasmus	17	30	20	9	12
Diarrhoea & Digestive Diseases	11	9	12	7	—
Tubercular Diseases ... ..	5	1	1	1	—
Respiratory Diseases ... ..	42	66	35	29	26
Convulsions ... ..	13	6	1	6	—
Syphilis ... ..	5	1	—	—	1
Other Causes ... ..	35	34	28	31	42
Total ... ..	205	203	149	120	121

The three deaths from Infectious Diseases were :—

Scarlet Fever 1, Influenza 1, Erysipelas 1.

Twenty deaths from Pneumonia and six from Bronchitis were the Respiratory deaths.

It will be noticed that the decrease in these deaths are in those diseases which are to a great extent preventable by proper care and attention.

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 .....	197	12·3	15	76
Hollinwood .....	149	12·2	13	87
St. Paul's .....	164	10·1	14	85
Werneth .....	105	9·6	6	57
St. Peter's .....	97	9·7	6	62
St. Mary's .....	113	11·4	15	132
Westwood .....	143	10·4	8	56
Waterhead .....	240	16·9	15	62
Mumps .....	115	14·7	11	76
St. James's.....	118	11·5	6	51
Hartford .....	131	11·2	4	30
Coldhurst .....	81	10·6	2	25
Transferred Births and Deaths	57	—	6	—
Borough .....	1710	12·6	121	70

**MATERNAL DEATHS.** There were 12 deaths attributed to childbirth. Five of them were due to Sepsis and seven to other conditions. This gives a total rate of 7·0 per 1,000 births compared with 7·6 in the previous year.

Two of the seven deaths were due to Abortion, one to Toxæmia, and four to other Accidents of Childbirth.



NOTIFICATION OF BIRTHS.—Out of the total number of Births 1,082 were notified by Midwives and 725 by Parents Doctors and Inward Transfers. The Stillbirths notified numbered 97, of which 8 were illegitimate.

FREE MILK.—The applications for free milk have increased during the year, due to the great amount of unemployment and short time.

Virol, Cod Liver Oil, &c., are also supplied when ordered by the Doctor of the Welfare Centre and when the income of the family is under the scale fixed by the Health Committee.

The cost of Dried Milk and those Articles supplied free during the year was £1174 11s. 5d.

The cost of the Milk supplied by Farmers and Dairymen during the year was £2577 18s. 4d.

MEDICAL AID was sought by Midwives in 301 cases compared with 344 in the previous year, and in the financial year 186 claims were made by the Doctors summoned, for fees amounting to £258 13s. 6d.

The repayments during the financial year amounted to £58 4s. 0d., compared with £99 16s. 10d., in the previous year. The great amount of unemployment is influencing the repayments considerably.

OPHTHALMIA NEONATORUM. — Only 11 cases were notified during the year. All are kept under observation by the Health Visitors. The following gives the termination of the cases. It is some years since a case occurred in which the Eyesight was very seriously impaired.

Attended at confinement by Midwives	...	7
Doctors	...	3
" Vision Unimpaired "	...	9
Vision Impaired Slightly	...	—
Vision Impaired Severely	...	—
Blind	...	—
Died from other causes...	...	1
Still under Treatment	...	—
Treated at Hospital	...	2
Treated by Private Practitioners	...	7
Not Ophthalmia	...	—

Each certified Midwife is supplied with Argentum Collosol for application to the eyes of the newly born. The absence of serious Ophthalmia would indicate the beneficial effects. All cases notified are kept under supervision until cured.

LECTURES.—During the winter the usual course of Lectures was given to the Midwives in the town and the Nursing Staff, as given below.

These were attended not only by our own Staff but by some Midwives from outside Districts and the Lectures seem to be much appreciated and are certainly of value in keeping the Midwives acquainted with modern requirements in Midwifery.

LECTURE I. November 16th. "Diet and Pregnancy."

DR. E. A. GERRARD, M.D., M.R.C.S., M.C.O.G.,  
Assistant Lecturer in Obstetrics and Gynaecology,  
University of Manchester.

LECTURE II. November 30th. "The Formation of Habits, good and bad, in Young Children."

MRS. SYDNEY FRANKENBURGH, M.A., S.C.M.,  
President, Salford Branch of the Midwives' Institute.  
Vice-Chairman of the Manchester & Salford Women  
Citizens' Association.  
Author of "Common Sense in the Nursery"; and others.

LECTURE III. December 14th. "Maternal Mortality."

DR. J. T. CHALMERS KEDDIE, M.B., Ch.B., D.P.H.  
Deputy Medical Officer of Health.

LECTURE IV. January 18th "Ophthalmia Neonatorum"

DR. GORDON A. RENWICK, M.B., Ch.M.  
Hon. Surgeon Manchester Royal Eye Hospital.

LECTURE V. February 1st. "Anæmia in Pregnancy and Parturition."

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



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

The Hospitals available for Cases are :—

1. Strinesdale Sanatorium. 42 Beds—Pulmonary.
2. Westhulme Hospital. 30 „ „
3. Boundary Park Municipal Hospital. 15 Beds—Non Pulmonary.
4. Occasionally special cases are sent to other Sanatoriums in the Country.
5. Gland and Skin Cases are treated at Boundary Park Municipal Hospital and at the Orthopædic Centre by Artificial Light.

The erection of a Residential and Administrative Block which is proceeding will increase the beds at Strinesdale Sanatorium to 54.

The following Report has been prepared by the Clinical Tuberculosis Officer, Dr. J. T. Chalmers Keddie.

**The Dispensary.** There have been no changes either in the routine work or staff of the Dispensary. The Evening Session serves a most useful purpose, as only workers are seen and they are able to attend without pecuniary loss or penalisation.

**Artificial Pneumothorax.** This treatment was again offered to suitable cases and was tried in one case for repeated hæmoptysis. Unfortunately only a partial collapse has been obtained but there has been no recurrence of the hæmoptysis. At the end of the year five inductions had been effected or attempted and 64 refills given. The patients are induced at Westhulme Hospital and remain there until they receive monthly refills, when they are transferred to Strinesdale, but return to Westhulme for refills.

**Gold Therapy.** Sanocrysin was offered to a few patients but was refused in every case.

**X-Ray Work.** All the X-Ray work for the Dispensary and the Sanatoria is done at the Isabella Greenhalgh Institute. Last year there was a further increase in the work, 364 films were taken and 120 screen examinations made. This compares with 362 films and 50 screen examinations in 1933. One cannot stress too much the value of this examination especially in early cases. All new notified cases of Pulmonary Tuberculosis, all chest cases sent for the opinion of the Clinical Tuberculosis Officer, and contacts with suspicious signs and symptoms or a heavy family infection are X-Rayed. An attempt was also made to examine old cases which had not been previously X-Rayed. By this means a number of cases were classed as "arrested" and a few T.B. Minus cases were removed where the diagnosis was not confirmed.

In addition those cases in Sanatorium who show slight physical sign after a six months stay and appear well are again examined radiologically. By this method we can determine more accurately the extent of the disease, and later, the amount of cure effected.

Artificial Pneumothorax treatment has increased the number of examinations, and most of the screenings are in connection with this form of treatment.

A number of patients come to us through the Oldham Royal Infirmary, either by notification or at the request of one of the Honorary Medical Staff. In all these cases a radiogram has been taken by the Honorary Physician in charge of the X-Ray Department and he very kindly lends us the film, thus saving us considerable time and



trouble. During the year 67 films were borrowed and I should like to express my appreciation and gratitude to him for his kind co-operation.

General co-operation exists between the Department and the local Practitioners. The number of new patients sent to the Dispensary for the opinion of the Tuberculosis Officer was 245, of these 87 were found to be suffering from Tuberculosis, and 158 were Non-Tuberculous.

It is interesting to note that 87 new cases (50·8 per cent.) were seen by the Clinical Tuberculosis Officer before notification.

**Examination of House Contacts.** By the systematic examination of house contacts, particularly among those of patients with positive sputum, many early and unsuspected cases of tuberculosis are detected. Owing to indifference and unwillingness considerable difficulty is experienced in persuading contacts to submit to examination. Young adults are particularly reluctant to attend and it is depressing to report that in a few cases some of these were referred as advanced cases a few months after they had refused examination.

Of the 112 contacts examined during the year (against 113 in 1933) two were ultimately diagnosed as definite cases of Pulmonary Tuberculosis.

#### ATTENDANCES AT DISPENSARY.

Insured Persons and	1932	1933	1934
Ex-Service Men ... ..	1,267	1,518	1,610
Non-Insured Persons ... ..	221	292	335
Children ... ..	587	763	816
Totals ... ..	2,075	2,573	2,761

Total number of visits to homes by Tuberculosis Nurse,  
932.

Number of Sputum Examinations—Positive	...	312
do do —Negative	...	565
Total	...	<u>877</u>

**Propaganda.** Every patient on discharge from Sanatorium is exhorted to practise sanatorium regime at home and leaflets of instructions are issued to all new cases. Similar advice is given at the Dispensary and during domiciliary visits. Sputum flasks are issued from the Clinic where advisable.

The valuable co-operation and work of the Tuberculosis Nurse and Clerk have played no small share in the smooth running of the Department during the year.

### **Pulmonary Tuberculosis.**

During 1934, 116 new cases were placed on the Dispensary Register, and these were found to be in the under-mentioned stages of the disease on the first examination.

T.B. Minus (Sputum negative or absent)	...	34
T.B. Plus I (Early cases, sputum positive)	...	11
T.B. Plus II (Intermediate, „ „ )	...	50
T.B. Plus III (Advanced, „ „ )	...	21

These figures speak for themselves. It is the complaint of Tuberculosis Officers throughout the country that they do not see many of the new cases in the early stage of the disease. In some cases this is due to the patient developing a virulent infection which progresses rapidly to a fatal issue regardless of treatment, but in many cases the patient is to blame for not seeking medical advice earlier, and in a few cases there is a delay on the part of the medical attendant.



During the year 97 patients died from Pulmonary Tuberculosis. Of this number 32 had been notified in previous years, and 2 had suffered from Non-Pulmonary forms of the disease, so that the remaining 63 died within one year of being brought to the notice of the Tuberculosis Officer.

Seven of these cases escaped statutory notification but were certified in the Registrars' returns as dying from Pulmonary Tuberculosis.

The following is the length of time between notification and death of the remaining 56 :—

Under 1 week ...	...	...	...	11
1 to 4 weeks ...	...	...	...	11
1 to 2 months ...	...	...	...	5
2 to 3 months ...	...	...	...	6
3 to 6 months ...	...	...	...	6
6 to 9 months ...	...	...	...	10
9 to 12 months ...	...	...	...	7

The reasons for delay on the part of the patient are often economic or due to the insidious onset of the disease. In some cases they are reluctant to attend a Tuberculosis Dispensary even when advised to do so by their own practitioner. Such an attitude can only be overcome by education of the public.

Delay on the part of a doctor may be due to difficulties of diagnosis but in almost every case an early sputum or X-Ray examination would have been of value. Facilities are available without charge and should be utilised in all suspicious cases. Where there is a family history of tubercle, delay by patient or doctor is inexcusable and usually most serious.

**Non-Pulmonary Tuberculosis.**—The most striking feature of the year's work is the reduction in the deaths from this form of the disease. When compared with previous years it is remarkable :—

Average for 1915-19...	...	54	Deaths
„ 1920-24...	...	46	„
„ 1925-29...	...	29	„
1933	...	22	„
1934	...	11	„

This exceptionally low figure may be due to a certain amount of chance and there may be a slight rise next year, but the steady fall in the Death Rate is being maintained. The severe forms of the disease are also less, with the result that we are getting more cures and in the case of bone and joint disease less severe crippling.

The incidence of this form of disease is shown by the following figures :—

Average for 1920-24...	...	83
„ 1925-29...	...	75
1933	...	66
1934	...	57

The new cases in 1934 fall into the following classification :—

Bones and Joints...	...	12
Abdominal ...	...	13
Other Organs ...	...	8
Peripheral Glands	...	22
Skin ...	...	2

It is to be regretted that the Non-Pulmonary notification rate cannot be regarded as a correct index of the incidence of this form of the disease. This fact is proved as some cases have had prolonged treatment before they come to the notice of the Tuberculosis Officer, and others,



when referred for examination, show healed tubercular adenitis, but have never been notified or received treatment at the Dispensary. Late notification or failure to notify is unfortunate as it may result in the source of infection remaining undiscovered.

In all new cases a very careful enquiry is made to ascertain the source of infection. In the case of children, if there is any possibility of the infection being milk borne the particulars are sent to the Chief Sanitary Inspector with a request to have the suspected milk examined for tubercle bacilli. In this way two Tubercle Bacilli Positive samples were obtained and the appropriate measures taken.

#### DEATHS FROM NON-PULMONARY TUBERCULOSIS.

During the year there were 11 deaths from this form of Tuberculosis, against 22 in 1933. Of these, 7 died in our own Hospitals, 1 in the local Infirmary and 3 at home. The following shows the form of the disease :-

Meningitis	...	...	...	...	...	3
Abdominal	...	...	...	...	...	5
Bones and Joints :						
Spine	...	...	...	...	...	2
Hip and Pelvis	...	...	...	...	...	1

Of these 11 deaths, 1 (9%) escaped statutory notification and here the Doctor was under the impression that the case had been notified from another source.

These deaths were very carefully investigated and the following facts were elicited :—

1. In four cases (36%) there was a history of "Contact" infection.
2. The three deaths from Meningitis all occurred in children. The onset was rapid, in two cases

death taking place within a fortnight from the onset of symptoms. The third was a contact case and death occurred within a month of admission to hospital for observation.

3. The deaths due to Abdominal Tuberculosis were of a severe and fatal type and there was no evidence of delay either by patient or doctor.
4. Two of the cases dying from bone and joint disease had been notified in 1932 and received continuous treatment through the Dispensary. The third case had been notified in 1931 but did not wish to receive treatment through our agencies.

The following is a Summary of the new cases and deaths during the year.

1934

NEW CASES					DEATHS			
AGE PERIODS	PULMONARY		Non-PULMONARY		PULMONARY		Non-PULMONARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
0 to 1	...	...	...	1	...	...	...	...
1 to 5	2	...	6	1	1	...	3	1
5 to 10	1	...	6	1	...	...	...	...
10 to 15	2	1	8	7	...	1	1	1
15 to 20	5	7	4	6	4	5	2	...
20 to 25	9	14	...	4	8	6	...	2
25 to 35	12	13	2	3	14	8	...	...
35 to 45	13	5	1	1	10	7	...	...
45 to 55	14	4	...	1	12	6	...	1
55 to 65	12	3	...	...	10	1	...	...
65 and upwards	1	...	1	...	3	1	...	...
TOTALS	71	47	28	25	62	35	6	5
1934	118		53		97		11	
1933	150		66		87		22	



The following list gives a summary of the principal occupations of new cases of Tuberculosis :—

Cotton Operatives	...	...	...	...	...	51
Ironworkers	...	...	...	...	...	6
Textile Machinery Workers	...	...	...	...	...	8
Electrical Workers	...	...	...	...	...	3
Labourers	...	...	...	...	...	7
House-duties	...	...	...	...	...	20
School Children...	...	...	...	...	...	29
Children under school age	...	...	...	...	...	6
Other Occupations	...	...	...	...	...	33
No Occupation	...	...	...	...	...	8
Total						<u>171</u>

#### DEATHS, 1934.

Occupation	Pulmonary	Non-Pulmonary
Cotton Operatives	25	1
Ironworkers	5	—
Textile Machinery Workers	8	1
Labourers	10	—
Electrical Workers	4	1
House-duties	24	1
Shop Assistants	4	1
School Children	1	2
Children under school age	1	4
No Occupation	3	—
Other Occupations	12	—
Totals	<u>97</u>	<u>11</u>

## DEATHS FROM TUBERCULOSIS

The following tabulation shows the decrease in the number of deaths from Tuberculosis since the adoption of a scheme in the year 1914. The average for the previous five years was 250 deaths per annum.

Year	Pulmonary		Non-Pulmonary		Total	Rate per 1,000 Population		
1915	...	203	...	64	...	267	...	1·8
1916	...	203	...	53	..	256	...	1·8
1917	...	178	...	52	...	230	...	1·7
1918	...	160	...	59	...	219	...	1·5
1919	...	130	...	42	...	172	...	1·4
<b>Average</b>	...	175	...	54	...	229	...	1·6
1920	...	156	...	40	...	196	...	1·3
1921	...	122	...	34	...	156	...	1·0
1922	...	142	...	53	...	195	...	1·3
1923	...	127	...	53	...	180	...	1·2
1924	...	126	...	51	...	177	...	1·2
<b>Average</b>	...	135	...	46	..	181	...	1·2
1925	...	121	...	29	...	150	...	1·0
1926	...	112	...	47	...	159	...	1·1
1927	...	104	...	22	...	126	...	0·8
1928	...	115	...	24	...	139	...	0·9
1929	...	144	...	24	...	168	...	1·1
<b>Average</b>	...	119	...	29	...	148	...	1·0
1930	...	103	...	36	...	139	...	0·9
1931	...	108	...	25	...	133	...	0·9
1932	...	104	...	19	...	123	...	0·8
1933	...	87	...	22	...	109	...	0·79
1934	...	97	...	11	...	108	...	0·80
<b>Average</b>	...	100	...	22	...	122	...	0·84



## *Sanatorium Treatment*

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### STRINESDALE SANATORIUM.

The Sanatorium has accommodation for 42 patients and is primarily used for early cases and others which will benefit from the situation and open-air treatment.

The rapid early case and advanced case are not at all suitable for this institution, and if admitted their condition would be aggravated. Patients requiring any special form of treatment are transferred to Westhulme.

Of the 100 admissions during the year 76 were new cases and 24 old cases which had previously been in Sanatorium. Treatment takes the form of prolonged rest under open air conditions followed by limited and regulated exercise. At all times there is a sufficiency of nourishing food. New cases are not admitted for a stay of less than three months and the majority are persuaded to stay six months. Special examination of the sputum is made on admission and prior to discharge. It is disappointing to report that of 47 new cases discharged during the year, whose sputum had been positive on admission, only 11 had become negative, the remainder showing no bacillary loss. Similarly, of 16 re-admissions discharged, three had become negative.

Patients weights are taken at weekly intervals. On discharge 11 showed no increase, and the average increase of the remaining 86 was 13 lbs., the maximum increase of any one patient being  $36\frac{1}{2}$  lbs.

The following figures give some indication of the activities of the hospital during the year, compared with 1933.

Admissions.	1933	1934
A. Definite cases of Tuberculosis ...	89	92
B. Observation Cases ... ..	13	8
Deaths.		
A. Definite cases of Tuberculosis ...	9	9
B. Observation Cases ... ..	—	—
Discharges ... ..	94	88
Transfers to Westhulme ... ..	5	6
„ B. P. M. Hospital ... ..	—	3
Condition on Discharge :-		
Observation cases, Non T.B. ... ..	12	7
Quiescent ... ..	12	6
Improved ... ..	68	74
No material improvement ... ..	7	10

### WESTHULME HOSPITAL.

This hospital has 30 beds for Pulmonary cases.

During the year there were 124 admissions and 46 deaths. It is gratifying to report that patients were more willing to be admitted than in previous years and that very few asked to be discharged after a short stay. Many people consider that admission to a Pulmonary Hospital means sentence of death. Such an opinion is the result of the past and is also due to the very advanced type of case which has to be admitted to such an institution. Several cases were admitted for observation and many bed cases for a period and then transferred to Strinesdale Sanatorium.



The following figures give some indication of the activities of the hospital during the year, compared with 1933.

Admissions.	1933	1934
A. Definite cases of Tuberculosis ...	112	99
B. Observation cases ... ..	13	25
Deaths.		
A. Definite cases of Tuberculosis ...	44	43
B. Observation cases. Non T.B ...	3	3
Discharges ... ..	54	56
Transfers to Strinesdale ... ..	24	23
„ B. P. M. Hospital ... ..	—	1
Condition on discharge :-		
Observation Cases. Non T.B... ..	10	12
„ „ T.B. ... ..	—	7
Quiescent ... ..	2	2
Improved ... ..	54	50
No material improvement ... ..	12	9
Artificial Pneumothorax.		
Inductions ... ..	7	5
Refills ... ..	57	64

## BOUNDARY PARK MUNICIPAL HOSPITAL.

This is a general hospital but beds are reserved for the treatment of Non-Pulmonary cases. Most of the patients sent in by the Clinical Tuberculosis Officer are suffering from bone or joint disease and are under the care of Mr. Poston, our Orthopædic Surgeon, who attends regularly for operations and consultations. This arrangement is most satisfactory as they are first seen by him at the Orthopædic Clinic, or Surgical Session of the Dispensary and continue under his care when discharged from hospital.

The Clinical Tuberculosis Officer visits the hospital each week and is able to keep in touch with all new and old cases. Doubtful cases are referred to him by the medical staff and during the year 25 cases were transferred to our Sanatoria. Most of these patients were found to be suffering from Pulmonary disease soon after admission and were removed at once.

During the year full use was made of the artificial sunlight apparatus.

Admissions.	1933	1934
A. Definite cases of Tuberculosis ...	65	47
B. Observation cases ... ..	13	23
Deaths.		
A. Definite cases of Tuberculosis ...	17	11
B. Observation cases. Non T.B. ...	1	1
Discharges ... ..	44	34
Transferred to Westhulme ... ..	17	18
„ Strinesdale ... ..	4	7
Condition on Discharge :-		
Observation cases. Non T.B....	12	8
„ „ T.B. ... ..	—	13
Quiescent ... ..	1	2
Improved ... ..	31	28
No material improvement... ..	21	8

The following Tables in the forms prescribed by the Ministry of Health give further details of the work carried out during the year.





## NOTIFICATION REGISTER.

## Part III.

	PULMONARY			NON-PULMONARY			Total Cases
	Males	Females	Total	Males	Females	Total	
Number of Cases of Tuberculosis remaining at 31st December, 1934, on the Notification Register ... ..	333	191	524	163	171	334	858
Number of Cases removed from the Register during the Year by reason <i>inter alia</i> of :—							
1—Withdrawal of Notification... ..	8	1	9	3	3	6	15
2—Recovery from the Disease ... ..	14	1	15	2	3	5	20
3—Death ... ..	64	37	101	7	5	12	113



TABLE I.

(A) Return showing the work of the Dispensary during the year 1934.

DIAGNOSIS.	PULMONARY.						NON-PULMONARY.						TOTAL.				Grand Total
	Adults			Children			Adults			Children			Adults		Children		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total		
A.—NEW CASES examined during the year (excluding contacts):—																	
(a) Definitely tuberculous ... ..	61	45		3	1		5	14		14	10		66	59	17	11	153
(b) Diagnosis not completed ... ..	—	—		—	—		—	—		—	—		4	4	4	5	17
(c) Non-tuberculous ... ..	—	—		—	—		—	—		—	—		62	42	47	71	222
B.—CONTACTS examined during the year :—																	
(a) Definitely tuberculous ... ..	—	—		1	—		—	—		1	—		—	—	2	—	2
(b) Diagnosis not completed ... ..	—	—		—	—		—	—		—	—		—	1	—	—	1
(c) Non-tuberculous ... ..	—	—		—	—		—	—		—	—		9	9	47	44	109
C.—CASES written off the Dispensary Register as—																	
(a) Recovered ... ..	12	—		2	1		—	2		2	1		12	2	4	2	20
(b) Non-tuberculous	—	—		—	—		—	—		—	—		80	6	99	117	352
D.—NUMBER OF CASES on Dispensary Register on December 31st :—																	
(a) Definitely tuberculous ... ..	291	171		27	18		88	116		64	51		379	287	91	69	826
(b) Diagnosis not completed ... ..	—	—		—	—		—	—		—	—		4	5	4	5	18

Table 1—continued.

1. Number of cases on Dispensary Register on January 1st ... ..	848	8. Number of visits by Tuberculosis Officers to Homes (including personal consultations) ... ..	73
2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous yrs.	7	9. Number of visits by Nurses or Health Visitors to Homes for Dispensary purposes ... ..	932
3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases "lost sight of" ... ..	41	10. Number of— (a) Specimens of sputum, etc., examined (b) X-ray examinations made in connection with Dispensary work ...	168 additional Specimen na from D'ts 714 531
4. Cases written off during the year as Dead (all causes) ... ..	102	11. Number of "Recovered" cases restored to Dispensary Register, and included in A (a) and A (b) above ... ..	1 in A(a)
5. Number of attendances at the Dispensary (including Contacts) ... ..	2761	12. Number of "T.B. plus" cases on Dispensary Register on December 31st	199
6. Number of Insured persons under Domiciliary Treatment on 31st Dec.	70		
7. Number of consultations with medical practitioners:— (a) Personal ... .. (b) Others ... ..	9 662		



**TABLE II.**  
**RESIDENTIAL INSTITUTIONS.**

(a) NUMBER OF BEDS AVAILABLE FOR THE TREATMENT OF TUBERCULOSIS ON THE  
31st DECEMBER, IN INSTITUTIONS BELONGING TO THE COUNCIL.

NAME OF INSTITUTION	For Pulmonary Cases		For Non-Pulmonary Cases		Total
	Adults	Children under 15	Adults	Children under 15	
Strinesdale Sanatorium ... ..	36	6	—	—	42
Westhulme Hospital ... ..	26	4	—	—	30
Boundary Park Municipal Hospital ... ..	—	—	10	5	15

(b) RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT AND OBSERVATION DURING  
THE YEAR IN INSTITUTIONS APPROVED FOR THE  
TREATMENT OF TUBERCULOSIS.

			In Institutions on Jan. 1	Admitted during the year.	Discharged during the year.	Died in the Institutions	In Institution on Dec. 31
Number of doubtfully Tuberculous Cases admitted for Observation ... ..	Adults	M.	1	31	26	4	2
		F.	1	9	10	—	—
	Children	.....	—	16	11	1	4
	Total...	.....	2	56	47	5	6
Number of Patients suffering from pulmonary Tuberculosis	Adults	M.	29	122	90	35	26
		F.	23	70	58	20	15
	Children	.....	2	6	7	—	1
	Total...	.....	54	198	155	55	42
Number of Patients suffering from non-pulmonary Tuberculosis ... ..	Adults	M.	5	11	11	1	4
		F.	2	17	16	1	2
	Children	.....	9	14	9	5	9
	Total...	.....	16	42	36	7	15
Grand Total ... ..	...	...	72	296	238	67	63

(c) RETURN SHOWING THE RESULTS OF OBSERVATION OF DOUBTFULLY TUBERCULOSIS CASES  
DISCHARGED DURING THE YEAR FROM INSTITUTIONS APPROVED FOR THE TREATMENT  
OF TUBERCULOSIS.

Diagnosis on Discharge from Observation	For Pulmonary Tuberculosis						For Non-Pulmonary Tuberculosis						Totals		
	Stay under 4 weeks			Stay over 4 weeks			Stay under 4 weeks			Stay over 4 weeks					
	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.
Tuberculous ... ..	8	2	1	2	—	1	—	3	2	1	2	—	11	7	4
Non-tuberculous ... ..	7	2	1	4	2	4	—	—	—	1	—	2	12	4	7
Doubtful ... ..	2	—	—	5	—	—	—	—	—	—	—	—	7	—	—
Totals ... ..	17	4	2	11	2	5	—	3	2	2	2	2	30	11	11

Date		Description		Amount	
1890	Jan 1	Balance		100.00	
	Feb 1	Interest		5.00	
	Mar 1	Interest		5.00	
	Apr 1	Interest		5.00	
	May 1	Interest		5.00	
	Jun 1	Interest		5.00	
	Jul 1	Interest		5.00	
	Aug 1	Interest		5.00	
	Sep 1	Interest		5.00	
	Oct 1	Interest		5.00	
	Nov 1	Interest		5.00	
	Dec 1	Interest		5.00	
1891	Jan 1	Balance		100.00	
	Feb 1	Interest		5.00	
	Mar 1	Interest		5.00	
	Apr 1	Interest		5.00	
	May 1	Interest		5.00	
	Jun 1	Interest		5.00	
	Jul 1	Interest		5.00	
	Aug 1	Interest		5.00	
	Sep 1	Interest		5.00	
	Oct 1	Interest		5.00	
	Nov 1	Interest		5.00	
	Dec 1	Interest		5.00	

Interest on \$100.00 at 5% per annum

Amount



TABLE III.

Return showing the immediate results of treatment of definitely Tuberculous Patients discharged during the Year from Institutions approved for the treatment of Tuberculosis.

Classification on admission to the Institution.	Condition at time of discharge.	Duration of Residential Treatment in the Institutions.											
		Under 3 months but exceeding 28 days.			3-6 months.			6-12 months.			More than 12 months.		
		M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.
Class T.B. minus.	Quiescent	...	...	1	1	...	1	...	...	...	...	...	...
	Improved	10	...	2	6	3	2	...	...	...	...	...	...
	No material Improvement	1	...	...	1	...	...	...	...	...	...	...	...
	Died in Institution	7	1	...	1	...	...	...	1	...	...	...	...
Class T.B. plus Group 1.	Quiescent	1	...	...	...	...	...	...	...	...	...	...	...
	Improved	2	1	...	6	2	...	...	5	...	...	...	...
	No material Improvement	...	...	...	...	...	...	...	...	...	...	...	...
	Died in Institution	...	...	...	1	...	...	...	...	...	1	...	...
Class T.B. plus Group 2.	Quiescent	...	...	...	...	...	...	...	...	...	...	...	...
	Improved	9	7	...	21	17	...	...	7	1	...	...	...
	No material Improvement	3	1	...	3	1	...	1	3	...	...	...	...
	Died in Institution	7	5	...	2	4	...	4	1	...	...	...	...
Class T.B. plus Group 3.	Quiescent	...	...	...	...	...	...	...	...	...	...	...	...
	Improved	1	...	...	2	1	...	1	...	...	...	...	...
	No material Improvement	1	...	...	...	...	...	...	...	...	...	...	...
	Died in Institution	11	5	...	...	1	...	1	2	...	...	...	...
Totals (Pulmonary)		53	20	3	44	29	3	13	19	1	1	1	...
		Grand Totals											...
		M.			F.			Ch.			No.		
		111			69			7			187		
		...			...			...			...		

PULMONARY TUBERCULOSIS.

TABLE III—continued.

[illegible]

## NON-PULMONARY TUBERCULOSIS.

\* Patients whose stay in Residential Institutions has not exceeded 28 days are no longer included in this Table.



TABLE IV.—(a) PULMONARY TUBERCULOSIS.

Supplementary Annual Return showing in summary form (a) the condition at the end of 1934 of all patients remaining on the Dispensary Register; and (b) the reasons for the removal of all cases written off the Register. The Table is arranged according to the years in which the patients were first entered on the Dispensary Register as definite cases of pulmonary tuberculosis, and their classification at that time.

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.				Class T.B. plus.				Class T.B. plus.				Class T.B. plus.				Class T.B. plus.			
	T.B. minus	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus).	T.B. minus	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus).	T.B. minus	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus).	T.B. minus	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus).
Disease arrested : Adults M. F. Children	37 11 9	6 3 ...	...	...	6 3 ...	10 4 13	1 ... ...	1 ... ...	...	2 ... ...	...	...	...	...	...	6 2 2	...	...	...	...
Disease not arrested : Adults M. F. Children	16 6 2	7 ... 1	6 3 ...	...	13 3 1	1 1 1	...	2 2 ...	1 ... ...	3 2 ...	...	1 1 ...	2 ... ...	...	3 1 ...	3 1 ...	2 ... ...	5 1 ...	2 ... ...	9 2 ...
Condition not ascertained during the year	1	...	...	...	...	4	...	...	...	...	3	...	1	...	1	...	...	...	...	...
Total on Dispensary Register at 31st Dec.	82	17	9	...	26	34	1	5	1	7	23	2	2	...	4	23	2	3	...	5
Discharged as recovered Adults M. F. Children	62 43 20	5 3 1	...	...	5 3 1	5 2 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lost sight of, or otherwise removed from Dispensary Register	411	29	11	2	42	27	3	1	...	4	29	4	3	2	9	32	...	2	3	5
DEAD Adults M. F. Children	577 312 81	24 6 ...	23 14 3	67 53 3	114 73 6	26 15 4	12 4 1	14 8 1	7 5 1	33 17 3	23 11 3	3 5 ...	15 9 1	7 6 1	25 20 2	19 15 2	4 1 ...	13 10 1	8 6 ...	25 17 1

(a) Remaining on Dispensary Register on 31st December.

Not now on Dispensary Register reasons for removal therefrom.



TABLE IV.—TUBERCULOSIS

Condition at the time of the last record made during the year to which the Return relates.	1930				1931				1932				1933				1934			
	Class T.B. plus				Class T.B. plus				Class T.B. plus				Class T.B. plus				Class T.B. plus			
	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus)
(a) Remaining on Dispensary Register on 31st December	Class T.B. minus					Class T.B. minus					Class T.B. minus					Class T.B. minus				
Disease arrested:	6	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Adults M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Children	9	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Disease not arrested:	3	...	5	6	4	2	5	8	14	4	7	11	1	22	4	27	6	18	2	26
Adults M.	7	...	4	5	3	4	6	10	13	1	5	7	2	12	...	14	5	20	1	26
F.	4	...	1	1	1	1	...	1	6	...	...	...	...	1	...	1	4	1	...	1
Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Condition not ascertained during the year	1	...	...	...	5	...	1	2	...	...	...	...	1	...	...	...	...	...	...	...
Total on Dispensary Register at 31st Dec.	33	...	9	12	26	7	12	21	33	5	12	18	20	35	4	42	20	39	3	53
(b) Not now on Dispensary Register and reasons for removal therefrom.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Discharged as recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Adults M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lost sight of or otherwise removed from Dispensary Register	16	...	2	2	10	2	2	3	5	...	4	5	...	3	1	4	...	2	...	2
Adults M.	13	...	6	26	14	1	17	40	10	2	13	31	...	13	21	34	9	5	12	17
F.	6	2	3	18	8	1	11	21	8	2	9	20	6	9	11	20	3	4	6	10
Children	1	...	...	...	...	...	...	...	...	...	2	3	...	...	...	...	...	...	...	...
Total written off Dispensary Register	36	2	11	46	32	4	30	68	23	4	28	59	9	25	33	58	14	11	18	29
Grand Totals	69	2	20	58	58	11	42	89	56	9	40	77	29	60	37	100	34	50	21	82



TABLE IV—(b) NON-PULMONARY TUBERCULOSIS.

Supplementary Annual Return showing in summary form (a) the condition at the end of 1934 of all patients remaining on the Dispensary Register; and (b) the reasons for the removal of all cases written off the Register.

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	Abdo-minal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdo-minal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdo-minal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdo-minal	Other Org'ns	Peri-pheral Glands	Total	Bones & Joints	Abdo-minal	Other Org'ns	Peri-pheral Glands	Total	
Disease arrested : Adults M. F. Children	4 2 8	... 1 5	1 ... ...	3 1 9	8 4 22	... 1 ...	... 1 2	... 1 ...	... ... ...	... 3 8	... ... ...	... ... 3	... ... ...	... 3 6	1 4 15	... 2 3	1 ... 1	... ... ...	... ... ...	1 3 6	2 5 10	... 2 3	... ... ...	... ... ...	1 3 6	1 4 15
Disease not arrested : Adults M. F. Children	... 1 3	... 1 ...	1 1 3	... 1 1	1 4 7	1 ... ...	... ... ...	2 ... 1	... ... ...	3 ... 1	... 1 ...	... ... ...	... ... 1	... ... ...	1 1 3	... ... ...	... ... ...	1 1 2	... ... ...	... ... ...	... 1 1	... ... 1	... 1 ...	... ... ...	... ... ...	... 1 3
Condition not ascer- tained during the year	2	1	1	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	
Total on Dispensary Register at 31st Dec.	20	8	7	16	51	2	3	4	...	9	3	3	1	6	25	5	2	2	5	11	20	...	2	2	11	
Transferred to Pulmonary	2	1	2	1	6	...	1	...	3	4	...	...	1	...	3	...	...	...	...	1	1	...	...	...	1	
Discharged as re- covered Adults M. F. Children	15 8 26	6 1 23	2 2 3	14 15 58	37 26 110	... ... 3	... ... 4	2 ... 2	... 1 4	3 1 13	2 1 ...	... ... 2	1 ... ...	... ... 5	1 ... 2	... ... ...	... ... ...	... ... ...	1 ... 1	... 2 1	... 2 1	... ... ...	... ... ...	... 2 1	... ... ...	
Lost sight of or other- wise removed from Dispensary Register	145	50	46	135	376	9	4	3	3	19	7	5	1	8	21	5	6	2	3	16	9	...	1	1	2	
Adults M. F. Children	29 9 9	7 3 22	1 3 3	6 3 4	43 18 38	1 1 ...	... 1 2	2 ... 2	1 ... ...	4 2 4	4 1 3	1 1 2	... 1 ...	... ... 1	1 2 3	... 2 ...	... 2 ...	1 ... ...	... ... 1	1 ... 1	1 3 ...	... ... ...	1 ... ...	... ... ...	... ... ...	
Total written off Dispensary Register	241	112	60	235	648	14	11	11	9	45	17	11	3	15	46	7	8	4	6	25	16	...	2	2	5	



TABLE IV.—NON-PULMONARY TUBERCULOSIS—continued.

Condition at the time of the last record made during the year to which the Return relates.	1930					1931					1932					1933					1934					
	Bones & Joints	Abdo- minal	Other Org'ns	Peri- pheral Glands	Total	Bones & Joints	Abdo- minal	Other Org'ns	Peri- pheral Glands	Total	Bones & Joints	Abdo- minal	Other Org'ns	Peri- pheral Glands	Total	Bones & Joints	Abdo- minal	Other Org'ns	Peri- pheral Glands	Total	Bones & Joints	Abdo- minal	Other Org'ns	Peri- pheral Glands	Total	
Disease arrested: Adults M. F. Children	2 1 4	... 2 7	1 1 ...	4 1 5	7 5 16	... 1 4	1 2 2	1 3 ...	3 5 5	5 11 11	1 1 2	1 1 7	... ... ...	2 2 6	4 4 15	... 1 2	... 1 1	1 ... 1	1 ... 1	... 1 7	1 3 11	... ... ...	... 1 ...	... ... ...	... 1 ...	... 1 1
Disease not arrested: Adults M. F. Children	2 2 1	1 1 1	... 1 2	... 1 ...	3 5 4	2 3 3	... 1 ...	2 2 1	1 3 ...	5 9 4	3 ... 1	... ... ...	3 1 ...	... ... 2	6 1 3	... 2 4	1 1 1	1 1 1	1 2 ...	2 2 3	4 7 8	4 1 3	... 4 2	... 2 1	2 3 14	6 10 20
Condition not ascer- tained during the year	2	...	...	...	2	4	...	...	2	6	1	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...
Total on Dispensary Register at 31st Dec.	14	12	5	11	42	17	6	9	19	51	9	9	4	12	34	10	5	5	15	35	8	7	3	21	39	
Transferred to Pulmonary	...	...	1	...	1	...	1	...	1	2	...	1	...	1	2	1	...	...	...	1	...	...	...	...	...	
Discharged as re- covered Adults M. F. Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Lost sight of or other- wise removed from Dispensary Register	3	3	3	4	13	3	1	...	2	6	3	...	1	1	5	1	...	...	2	3	1	1	...	...	2	
Dead Adults M. F. Children	1 1 1	1 2 5	... ... ...	1 ... ...	3 3 6	... 1 1	... 2 1	4 1 5	... ... ...	4 4 7	5 ... 1	... 3 1	1 ... 2	... ... ...	6 3 4	... ... ...	2 4 ...	... ... 1	... ... ...	2 4 1	... ... ...	... ... 1	... ... 3	... ... ...	... 1 ...	... 1 4
Total written off Dispensary Register	6	11	3	5	25	5	4	10	2	21	9	4	4	1	18	1	6	1	2	10	1	2	4	...	7	
GRAND TOTALS of (a) & (b) exclud- ing those transferred to Pulmonary	20	23	8	16	67	22	10	19	21	72	18	13	8	13	52	11	11	6	17	45	9	9	7	21	46	



## *Venereal Disease.*

The scheme for treating the above disease remains the same, briefly outlined as follows:—

1. The Clinic is at the Oldham Royal Infirmary.
2. Dr. Poston is the V.D. Officer and he is assisted by two Assistant Surgeons.
3. There are two beds available for in-patients.
4. The V.D. Clinics are open on Monday, Tuesday and Wednesday evenings and patients can ask to see the Doctor at any of the out-patient clinics without a recommend.
5. There is an orderly available for the men and nurses for the women, whose services are available at practically any time.
6. The Microscopical tests are done at the Infirmary and the Wasserman tests at the Public Health Laboratory, Manchester.
7. Salvarsan Substitutes are supplied free to Medical Practitioners in the town who are entitled to receive them.
8. Pathological outfits for taking specimens are obtainable at the Health Office.

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
1930	...	115	78	122	25	1	0
1931	...	132	105	143	28	0	0
1932	...	142	126	155	30	0	0
1933	...	192	132	182	28	1	0
1934	...	159	113	159	35	34	29

The following Statistics summarise the work done during the past year:—The total number of persons treated was 525.

#### NUMBER OF PERSONS UNDER TREATMENT.

	Jan. 1st		Treated during the Year.		Total	
	Males	F'mal's	Males	Females	Males	Females
Suffering from Syphilis .....	131	82	28	31	159	113
„ „ Gonorrhœa .....	77	19	78	16	155	35
„ „ Soft Chancre .....	0	0	0	0	0	0
„ „ Non-V'n' real Dise'ses	7	2	27	27	34	29
Total .....	215	103	133	74	348	177

In addition to the above, about 25 Oldham persons were treated at the Venereal Centres in Manchester, and 13 persons at the Salford Royal Hospital and three or four in other towns.

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

	MALES.	FEMALES.
Syphilis ... ..	41	25
Soft Chancre ... ..	0	0
Gonorrhœa ... ..	38	7

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

	MALES.	FEMALES.
Syphilis ... ..	7	3
Soft Chancre ... ..	0	0
Gonorrhœa ... ..	5	2

No. under Treatment at close of year 1934.

Syphilis ... ..	112	81
Gonorrhœa ... ..	72	16
Soft Chancre ... ..	0	0
Other Conditions ... ..	6	9



## Total attendances of all Patients :—

	Males	Females	Total
Syphilis ... ..	3371	1715	5086
Soft Chancre ... ..	0	0	0
Gonorrhœa ... ..	2553	1060	3613
Other conditions not V.D.	133	126	259
Total ...	6057	2901	8958

## Aggregate number of In-patient days :—

Syphilis ... ..	85	11	96
Gonorrhœa ... ..	13	4	17
Soft Chancre ... ..	0	0	0
Other Conditions ... ..	0	0	0

	Spirochetes	Gonococci	Others	Wasserman
Number of specimens examined at the Infirmary ... ..	3	376	0	0
Number of specimens sent to the Pathological Laboratory, Manchester ... ..	0	16	0	619
Total ...	3	392	0	619

Number of Oldham persons attending for the first time ... ..	143
Lancashire County .. ..	52
Yorkshire ,, ... ..	7
Total ...	202

The total cost of Treatment during the year amounted to £1,463 7s. 10d., which receipts from outside areas will reduce to about £1,177 18s. 4d.

The total number of V.D. specimens examined at the laboratory at the Manchester University was 828 of which 827 were for the Wasserman tests and 1 for Gonococci; 165 of the Wasserman tests gave a positive reaction.

## *The Orthopædic Institute.*

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The Isabella Greenhalgh Orthopædic Institute has continued in full work throughout the year and has again amply proved the great value of the gift of Mr. Richard Greenhalgh, and many persons are now walking normally instead of in a crippled condition and others very much improved.

The afternoons on which the Surgeon attends are frequently very crowded, as many as 45 or 50 attending an additional session once a month was arranged two years ago for Tubercular patients, making 3 sessions a month.

The total number of cases who attended the Centre during the year was 511, and came under the various groups as follows :—

	1933	1934
Child Welfare... ..	141	113
School Children ... ..	162	193
Tuberculosis ... ..	106	98
Private Patients ... ..	124	107
	<u>533</u>	<u>511</u>

Out of this number no less than 353 were seen by the Orthopædic Surgeon necessitating 1,175 consultations.

The X-Ray apparatus has been exceedingly valuable, in fact, the Department could not be efficient without its use, and without its use in the diagnosis of Tuberculosis, not only of Non-Pulmonary cases, but also of Pulmonary cases, the Department would be greatly out of date.



The number of X-Rays taken during the year was :—

	1933	1934
Dispensary Cases ... ..	362	56
Infant Welfare Cases ... ..	38	28
School Cases ... ..	45	65
Private Cases ... ..	37	66
Total ... ..	<u>482</u>	<u>215</u>

The appointment of Mr. Poston as Orthopædic Surgeon to Boundary Park Hospital has co-ordinated the work and has made it possible for many more cases requiring treatment to be dealt with and the new Children's Pavilion has especially assisted in the work. This co-ordination is still further increased by the Superintendent Masseuse at the Institution being also in charge of all the treatment work at Boundary Park Hospital by Electricity, Radiant Heat and Artificial Light, etc.

The following Tables give the number of cases dealt with at the Institution.

TABLE No. 1.

## NUMBER OF PATIENTS TREATED.

				M. & C. W.	School	Tubercular	Private	Total.
Rickets	...	...	...	25	42	—	7	74
Bronchitis	...	...	...	2	23	—	3	28
Paralysis	...	...	...	12	18	—	4	34
Debility, Malnutrition and Neurasthenia				12	—	—	4	16
Anæmia	...	...	...	—	—	—	—	—
Rheumatism	...	...	...	—	—	—	15	15
Deformities	...	...	...	47	41	—	19	107
Injuries	...	...	...	—	2	—	18	20
Alopecia	...	...	...	—	—	—	1	1
T. B. Abdomen...	...	...	...	1	—	5	—	6
„ „ Hip	...	...	...	—	—	10	1	11
„ „ Spine	...	...	...	—	9	11	2	22
„ „ Knee	...	...	...	—	—	11	—	11
„ „ Bone	...	...	...	—	10	12	5	27
Enlarged Glands	...	...	...	3	—	28	1	32
Lupus...	...	...	...	—	—	11	—	11
Wry Neck	...	...	...	6	—	—	—	6
Fracture	...	...	...	1	6	—	18	25
Sundries	...	...	...	4	9	2	17	32
Totals	...	...	...	113	160	90	115	478



TABLE No. 2.

## RESULTS.

	No.	Sunlight	Still under Treatment	Cured	Much Improved	Improved	I.S.Q	Discontinued Treatment
Rickets ...	74	25	12	2	27	28	4	3
T.B. Bone...	71	5	37	14	32	15	5	6
„ Abdomen	6	6	5	—	4	1	—	2
„ Glands	32	32	8	1	16	11	1	5
Lupus ...	11	11	4	1	2	5	3	1
Debility ...	16	15	2	—	13	3	—	—
Rheumatism	15	1	4	—	1	6	3	2
Bronchitis	28	28	6	—	11	8	8	5
Skin Disease								
Alopecia...	1	1	—	1	—	—	—	—
Paralysis ...	34	3	1	—	13	12	8	—
Injuries ...	20	—	3	—	5	7	—	5
Deformities	107	13	11	5	27	45	18	8
Fractures...	25	—	4	1	14	8	2	3
Sundries ...	38	6	8	—	13	12	5	3
Totals ...	478	146	105	25	179	161	57	43

## *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 ... ..	0	0
Scarlet Fever ... ..	342	2
Diphtheria ... ..	195	25
Erysipelas ... ..	64	3
Enteric Fever ... ..	2	2†
Acute Anterior Poliomyelitis ... ..	0	0
Puerperal Fever .. ..	5	4
Puerperal Pyrexia ... ..	26	1
Tuberculosis ... ..	180	108
†Pneumonia .. ..	189	147
Cerebro Spinal Meningitis... ..	5	3
Ophthalmia Neonatorum ... ..	11	0
Encephalitis Lethargica ... ..	2	8
*Measles and German Measles ... ..	1480	19
*Whooping Cough ... ..	612	18
*Chicken Pox ... ..	587	0

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

‡ Includes One Inward Transfer Death.

Influenza also caused 22 deaths; Syphilis 8; General Paralysis of the Insane 35 and Diarrhœa and Enteritis 4 deaths.



The Attack rates per 1,000 in England and Wales and in Oldham is shown as follows. It will be noted that the Attack rate for all these diseases is less in Oldham than in the Country generally, except for Puerperal Pyrexia and Pneumonia..

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

	England & Wales			Oldham		
Small-pox ... ..	0·004	...	...	0·00	...	...
Scarlet Fever ... ..	3·76	...	...	2·53	...	...
Diphtheria ... ..	1·70	...	...	1·44	...	...
Enteric Fever ... ..	0·03	...	...	0·01	...	...
Puerperal Fever ... ..	0·06	...	...	0·03	...	...
Puerperal Pyrexia ... ..	0·15	...	...	0·19	...	...
Erysipelas ... ..	0·51	...	...	0·47	...	...
Pneumonia ... ..	1·27	...	...	1·39	...	...

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

The rate in Oldham for each Disease is slightly higher than for the Country as a whole, but it is probable that the low estimated population is to some extent responsible for this.

	England and Wales			121 Large Towns			Oldham		
Scarlet Fever ... ..	0·02	...	...	0·02	...	...	0·01	...	...
Diphtheria ... ..	0·10	...	...	0·11	...	...	0·18	...	...
Enteric Fever ... ..	0·00	...	...	0·00	...	...	0·01	...	...
Measles ... ..	0·09	...	...	0·12	...	...	0·14	...	...
Whooping Cough ... ..	0·05	...	...	0·06	...	...	0·13	...	...
Influenza ... ..	0·14	...	...	0·12	...	...	0·16	...	...
Diarrhoea & Enteritis. 5·5	...	...	...	7·4	...	...	0·58	...	...

(Under 2 years per 1,000 Births)

### SMALL-POX.

No case of Small-pox was notified in the Borough during the year.

## VACCINATION.

The following returns for the past three years indicate the prevalence of Vaccination in the Borough. In the Borough only 10·6 per cent. of the children born were successfully vaccinated. This is a very slight increase over the previous year but still shows that vaccination is almost a dead procedure in Oldham.

	1931	1932	1933
Number of Births ... ..	2021	1990	1901
Successfully Vaccinated ... ..	175	166	203
Died Unvaccinated ... ..	150	167	109
Insusceptible ... ..	0	6	1
Postponed by Medical Certificate	35	17	12
Left the District ... ..	27	2	63
Not Accounted for ... ..	10	3	14
Percentage successfully Vaccinated	11·5	8·3	10·6

Lymph, by permission of the Ministry, is now stored by the Corporation and is available at any time day or night. This will obviate any delay should an outbreak of small-pox occur in the town.

## DIPHTHERIA.

This disease has been more prevalent in the Borough than in any year since 1929. 195 cases were notified and there were 25 deaths, and 177 of these cases were admitted to Westhulme Hospital. Not only in Oldham but in the surrounding Districts was the disease very prevalent.

Ninety-nine cases were also admitted to the Hospital from outside Districts.

The death percentage of the Oldham cases was 12·8 compared with 6·6 in the previous year indicating a somewhat more severe type of infection.



Immunisation was offered to the children in some of the Schools where there were cases but the percentage of acceptances was not high. A few children were also immunised at the School Clinics and the Health Office, but no special Immunisation Clinic was established. In three Schools 477 inoculations were performed.

### ERYSIPELAS.

Sixty-four cases were notified during the year and three deaths occurred. One of these was a child under one year of age, one an older child and one a person over 65 years of age.

### SCARLET FEVER.

This disease has been somewhat less prevalent, 342 cases were notified compared with 407 and 209 in the previous two years. The cases were generally of a mild type and only two deaths occurred, one was a child under 5 years of age and the other a school child.

The disease was most prevalent in the first three and the last three months of the year and in Westwood and Clarksfield Wards.

Two hundred and forty-seven of these cases were removed to Westhulme Hospital.

### ENTERIC FEVER.

Two cases were notified during the year and one of these died. Another Enteric death was notified of an Oldham person who died in a place outside Oldham.

## INFLUENZA.

Twenty-two deaths were attributed to this disease compared with 73 in the preceding year.

## ENCEPHALITIS LETHARGICA.

Two cases were notified during the year but the deaths recorded from this disease numbered eight. The six others were cases taken from the death sheets or cases which had been notified in previous years.

## CEREBRO-SPINAL MENINGITIS.

Five cases were notified and three of these died. Enquiries were made in each case and there seemed to be no connection between the various cases.

There was no connection of any of them with vaccination.

## DISINFECTION.

The same arrangements exist in the town 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.

Owing to the additional disinfection required of clothing and bedding from the Municipal Hospital and the Maternity Home, and in the disinfection of houses and bedding of persons who are removed from slum houses to new houses it was necessary to obtain a larger van and engage an additional disinfector.

The arrangements in connection with the removal of families to new houses under the Housing Act are as follows :—



1. The houses to be closed are inspected by one of the Inspectors.
2. If evidence of disease is found the tenants proceed to the Disinfecting Station and are there given a bath and their clothing disinfected.
3. The bedding, &c., is removed from the house to the Disinfecting Station and disinfected by steam, and returned to the new house.
4. The furniture is placed in a furniture van, disinfected by Cyanide gas and returned to the new house.
5. Houses found to be verminous and required for new tenants are, where the adjoining tenants can be removed for a night, disinfected by Cyanide gas, otherwise are sprayed by a Disinfecting Solution. The latter procedure only modifies for a time the condition. The Cyanide treatment appears to be most effective.

There is also a Disinfecting Apparatus under the control of the Public Assistance Committee available for the Institution only.

# Hospitals.

## WESTHULME HOSPITAL.

This is the General Infectious Disease Hospital for the Borough. It is a training school for the Fever Nursing Certificate. Cases are received, if there are beds available, from the surrounding Districts of Chadderton, Crompton, Royton, Lees, Failsworth and Saddleworth. It is very probable that it may be necessary to increase the accommodation owing to the Local Government Act, 1929 and the undertaking by the Council to treat all necessitous cases, but during the past year with occasional exceptions beds were available for all necessitous cases from Oldham.

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

DISEASE	1933			1934		
	CASES	DEATHS		CASES	DEATHS	
Measles ... ..	6	0		30	2	
Scarlet Fever ... ..	388	2		331	1	
Diphtheria ... ..	166	16		276	31	
Enteric ... ..	1	1		2	1	
Erysipelas ... ..	0	0		0	0	
Tuberculosis ... ..	129	44		119	43	
Chicken-pox ... ..	17	0		4	0	
Malnutrition ... ..	0	0		0	0	
Cross Infections ... ..	1	1		2	0	
Encephalitis Lethargica ... ..	1	0		0	0	
Cerebro Spinal Meningitis ... ..	0	0		3	2	
Mumps ... ..	8	0		0	0	
Whooping Cough ... ..	0	0		1	0	
Total ...	717	64		768	80	



## STRINESDALE SANATORIUM.

Details of the work at this Institution are given under the Tuberculosis Report. Towards the latter part of the year the administrative portion became so dilapidated that sanction was sought and obtained to proceed with the erection of new administrative and residential blocks and the work is well in hand.

## BOUNDARY PARK MUNICIPAL HOSPITAL.

Details respecting the work at this Hospital are given in an earlier part of the Report.

The Open Air Pavilion was completed and opened in April. The improved general appearance of the children could be seen in a very short time after removal from the old Children's Hospital.

## MATERNITY HOME.

This Institution was opened on September 25th, 1928, and since this date 1,483 persons have been admitted, 1,223 babies have been born living, and 49 were stillborn; 25 babies died after birth in the home.

During the past year there has been a fair demand on the beds, but the percentage of those paying the full fee has decreased. The £3 3s. 0d. cases have much increased.

The Staff remains the same, viz :—Matron, two Sisters, who are trained Nurses and Midwives, three certificated Midwives, five Maids, a Cleaner and one Male Porter.

The following are the Statistics for 1933 and 1934 :

	1933	1934
Persons admitted ... ..	238	243
Attended by Staff ... ..	95	79
Attended by Doctor ... ..	143	164
Medical aid sought ... ..	61	38
Maternal deaths ... ..	0	0
Infant deaths ... ..	4	6
Still-births ... ..	0	5
Cases of Puerperal Fever	0	0
Cases of Pyrexia ... ..	14	7
Cases of Ophthalmia ... ..	2	0
Cases of Pemphigus ... ..	0	0

#### RACEFIELD SMALL-POX HOSPITAL.

The above Hospital has been let to the Lancashire County Council for the treatment of Tuberculosis as there were no cases of Small-Pox during the year.

#### CORONER'S COURT.

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

	MALES	FEMALES	TOTAL
Deaths reported to the Coroner	186	124	310
Inquests ... ..	126	54	180
Verdicts—Suicide ... ..	17	8	25
Accidents, etc. ... ..	54	25	79
Natural Causes ... ..	47	16	63
Open Verdicts... ..	1	1	2
Drowning ... ..	1	0	1
Other Causes ... ..	5	3	8

There were no inquests on infants suffocated whilst in bed with their parents. One inquest was on a newly-born child.



Of the total number of deaths 89 were mental defectives in Institutions, and 221 other persons. In 130 cases reported the deaths were investigated by the Coroner but no inquests held. 70 inquests were held with a jury and 110 without.

### CANCER.

There is again a slight increase in the number of deaths attributed to this disease during the year. Twenty-one were of persons under the age of 45 years and 85 in persons over 65, 1 was a child under 5 years of age. The number of deaths in the last five years is as follows:—

1930	...	...	...	232
1931	...	...	...	217
1932	...	...	...	235
1933	...	...	...	207
1934	...	...	...	215

The following Table gives further details respecting the disease.

The organs affected in the 215 deaths are as follows:—

#### Digestive Organs—

Oesophagus	...	...	...	7
Stomach	...	...	...	46
Liver	...	...	...	23
Intestines	...	...	...	31
Pancreas	...	...	...	5
Rectum	...	...	...	27

#### Female Generative

##### Organs—

Breast	...	...	...	16
Uterus	...	...	...	14
Ovary	...	...	...	2

## Miscellaneous—

Tongue ... ..	2
Jaw ... ..	2
Larynx ... ..	5
Bladder ... ..	5
Heart ... ..	—
Male Organs ... ..	4
Sundry ... ..	26
	<hr/>
	215
	<hr/>

## BACTERIOLOGY.

The following are the arrangements for the Bacteriological Examination of Specimens. [Owing to the prevalence of Diphtheria, the number of Diphtheria Swabs has greatly increased.

Sputum Specimens are examined at the Health Office but other Specimens are sent either to the Public Health Laboratory, Manchester University, or to the Oldham Royal Infirmary. The following figures give the details.

## To the Laboratory, Manchester

	Number	Positive	Negative
Diphtheria Swabs	401	126	275
Typhoid Fever	15	1	14
Fæces and Urine	5	—	5
Others	3	1	2

## To Oldham Infirmary

Diphtheria Swabs	1281	202	1079
Others	13	1	12



## VITAL STATISTICS.

POPULATION. The Registrar's present estimate of the population for the middle of the year 1934 is 135,200.

This Number is a decrease, compared with the previous year's estimate, of 1,500 persons, and from the census number, of 5114 persons.

The statistics relating to the various Wards are based on the census figures. The populations cannot be estimated with any correctness.

BIRTHS. The number of births during the year has increased to 1710, compared with 1696 in the previous year. The birth rate is 12·6 per 1,000 compared with 12·4 in 1933.

DEATHS. The number of deaths has decreased from 2049 to 1962 giving a rate of 14·5 compared with 14·9. Bronchitis, Pneumonia, Heart Disease and Cancer are by far the largest causes of death.

There was an increase in the number of deaths from Cancer.

Tuberculosis (all forms) caused 108 deaths against 109 in 1933.

Zymotic Diseases caused 68 deaths compared with 26 in the previous year; the increase being chiefly due to Diphtheria and Measles.

WARDS. Mumps shows the highest birth rate, 15·9, and St. Paul's and Werneth, jointly, the lowest, 9·6. As regards the Death rate none of the Wards show a great variation from the average. The highest is in Mumps 15·1 and the lowest in St. Mary's 10·5. The uncertainty of the present population in the Wards previously referred to renders these rates unreliable.

The Infantile Mortality rates will be found under the Maternity and Child Welfare Section.

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

	Birth Rate (per 1,000 population)	Death Rate (per 1,000 population)	Infantile Mortality Rate (per 1,000 Births)	Maternal Mortality rate (per 1,000 Births)	Tuberculosis Death rate (all forms) (per 1,000 population)
England and Wales	14·8	11·8	59	4·41	0·82
121 Great Towns	14·7	11·8	63	—	—
132 Smaller Towns	15·0	11·3	53	—	—
Oldham ... ..	12·6	14·5	70	7·0	0·80
Blackburn ... ..	12·0	13·1	56	5·95	0·63
Bolton ... ..	12·5	12·0	53	3·43	0·63
Burnley ... ..	11·8	13·5	70	14·57	0·76
Bury ... ..	12·3	14·2	84	10·25	0·83
Stockport ... ..	13·6	14·5	54	3·82	0·59
Manchester ... ..	14·8	12·2	69	4·25	1·14
Preston ... ..	14·24	15·24	69	11·97	0·84
Rochdale ... ..	12·4	14·6	78	5·65	0·71
St. Helens ... ..	19·1	—	65	5·04	0·88
Salford ... ..	14·7	13·6	93	6·6	1·06
Warrington ... ..	17·3	11·6	74	3·5	0·84
Wigan ... ..	17·3	12·4	67	4·09	0·97



The following table gives the death rates from certain specified diseases in the various Wards calculated on the Census figures.

Ward	Infectious Diseases			Tuberculosis		Respiratory Diseases			Diarrhoea and Enteritis	Deaths under one year per 1,000 births
	Measles	Whooping Cough	Diphtheria	Pulmonary	Other Forms	Influenza	Bronchitis	Pneumonia	Under 2 years	
St. Mary's ...	0·10	0·20	0·10	0·40	·20	0·10	1·31	1·62	...	132
St. Peter's ...	...	..	0·10	0·80	...	0·20	1·41	0·90	...	62
Werneth .....	0·18	0·09	0·27	0·36	...	...	1·00	1·55	...	57
Westwood ...	0·14	0·14	0·14	0·87	0·07	...	1·17	1·09	...	56
St. Paul's ...	0·12	0·06	0·12	0·73	...	0·49	1·23	0·73	0·06	85
Coldhurst ...	...	0·39	0·13	0·26	0·13	...	0·79	0·92	...	25
Hartford .....	0·08	0·17	0·17	0·60	0·08	...	0·94	1·80	...	30
Hollinwood...	0·16	0·08	0·33	0·82	0·08	0·25	1·48	0·99	...	87
Clarksfield ...	0·18	0·18	...	0·75	0·06	0·06	1·87	1·00	...	76
Mumps ...	0·51	0·12	0·63	1·02	...	0·12	1·27	0·51	...	76
St. James's ..	0·19	...	0·19	0·63	...	0·29	1·08	0·49	...	51
Waterhead ...	...	0·14	0·14	0·77	0·28	0·21	1·13	0·91	...	62
Borough	0·14	0·13	0·18	0·72	0·08	0·16	1·30	1·09	0·007	70

## VITAL STATISTICS, 1934.

### SUMMARY.

Population estimated by the Registrar General to the middle of the year	...	...	...	135,200
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Nett Births registered in the 52 weeks ending			
December 31st, 1934... Males	...	856	} 1,710
Females	...	854	

Nett Deaths registered in the 52 weeks ending			
December 31st, 1934...	Males	971	} 1,962
	Females	991	

Deaths from the seven principal Zymotic diseases 66

Deaths under 1 year per 1,000 Births...	...	70
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Annual Rate of Births per 1,000 living population 12.6

Annual Rate of Mortality from all causes per 1,000 living population	...	...	...	...	14.5
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Annual Rate of Mortality per 1,000 living population from the seven principal Zymotic diseases 0·48

Of the 1,962 deaths registered during the year 1934, 190 or 9·6 per cent. were those of children under 5 years of age.

### PRINCIPAL CAUSES OF DEATHS

Influenza	...	...	22	Debility, &c.	...	...	12
Bronchitis	...	...	176	Cancer	...	...	215
Pneumonia	...	...	147	Convulsions	...	...	1
Phthisis	...	...	97	Diarrhœa	...	...	0
Heart Disease	...	...	319	Premature Birth	...	...	37
Measles	...	...	19	Whooping Cough	...	...	18
Apoplexy, &c.	...	...	121	Accidents	...	...	40
Diphtheria	...	...	25				



TABLE No. 1.  
HOUSES BUILT IN THE BOROUGH.

YEAR.						No. OF HOUSES BUILT.
April	1895	to	March	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
"	1930	"	"	1931	...	358
"	1931	"	"	1932	...	68
"	1932	"	"	1933	...	90
"	1933	"	"	1934	...	581
"	1934	"	"	1935	...	286

TABLE No. 2.

INFANTILE MORTALITY DURING 52 WEEKS  
ENDING DECEMBER 31st, 1934.

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	...	...	...	...	...	...	...	...	...	...
	Uncertified	...	...	...	...	...	...	...	...	...	...
Small-Pox		...	...	...	...	...	...	...	...	...	...
Chicken-Pox		...	...	...	...	...	...	...	...	...	...
Measles		...	...	...	...	...	...	...	1	1	2
Scarlet Fever		...	...	...	...	...	...	...	...	1	1
Whooping Cough		...	...	...	...	...	2	...	1	3	6
Diphtheria and Croup		...	...	...	...	...	...	...	...	...	...
Erysipelas		...	...	...	...	...	1	...	...	...	1
Tubercular Meningitis		...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis		...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases		...	...	...	...	...	...	...	...	...	...
Meningitis ( <i>not Tuberculous</i> )		...	...	...	...	...	...	...	...	...	...
Convulsions		...	...	...	...	...	...	...	...	...	...
Laryngitis		...	...	...	...	...	...	...	...	...	...
Bronchitis		...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms)		...	1	...	2	3	1	1	2	2	6
Diarrhoea		...	...	...	...	...	3	5	4	5	20
Enteritis		...	...	...	...	...	...	...	...	...	...
Gastritis		...	...	...	...	...	...	...	...	...	...
Syphilis		...	...	...	...	...	1	...	...	...	1
Rickets		...	...	...	...	...	...	...	...	...	...
Suffocation, overlying		...	1	...	...	1	...	...	...	...	1
Injury at Birth		2	...	...	...	2	...	...	...	...	2
Atelectasis		2	...	...	...	2	...	...	...	...	2
Congenital Malformations		3	...	1	...	4	5	1	...	...	10
" Heart Disease		4	...	...	...	4	1	1	...	...	6
Premature Birth		26	1	6	...	33	3	1	...	...	37
Atrophy, Debility and		...	...	...	...	...	...	...	...	...	...
Marasmus		5	2	1	1	9	2	...	...	1	12
Other Causes		4	2	2	...	8	2	1	3	...	14
TOTALS.....		46	7	10	3	66	21	10	11	13	121



TABLE No. 3.

DEATHS UNDER ONE YEAR OF AGE IN 1934.

Nature of Disease.	How Fed.					Occupation of Mother.				TOTALS
	Bottle.	Breast.	Artificial food.	Both Breast and Bottle.	No Food.	Cotton Worker.	Charwoman or Domestic Servant	Other Occupations.	Housework.	
Small-pox .....	...	...	...	...	...	...	...	...	...	...
Chicken-pox .....	...	...	...	...	...	...	...	...	...	...
Measles .....	...	...	2	...	...	...	...	...	2	2
Scarlet Fever .....	...	...	...	1	...	...	...	...	1	1
Whooping Cough .....	...	4	1	1	...	...	...	...	6	6
Diphtheria & Croup ..	...	...	...	...	...	...	...	...	...	...
Erysipelas .....	...	1	...	...	...	...	...	...	1	1
Tubercular Meningitis	...	...	...	...	...	...	...	...	...	...
Abdominal										
Tuberculosis .....	...	...	...	...	...	...	...	...	...	...
Other Tuberculous										
Diseases .....	...	...	...	...	...	...	...	...	...	...
Meningitis (not										
Tubercular) .....	...	...	...	...	...	...	...	...	...	...
Convulsions .....	...	...	...	...	...	...	...	...	...	...
Laryngitis .....	...	...	...	...	...	...	...	...	...	...
Bronchitis .....	...	4	2	...	...	...	...	...	6	6
Pneumonia (all forms)	...	15	5	...	...	2	1	...	17	20
Diarrhoea .....	...	...	...	...	...	...	...	...	...	...
Enteritis .....	...	...	...	...	...	...	...	...	...	...
Gastritis .....	...	...	...	...	...	...	...	...	...	...
Syphilis .....	...	1	...	...	...	...	...	...	1	1
Rickets .....	...	...	...	...	...	...	...	...	...	...
Suffocation, over-										
lying .....	...	1	...	...	...	...	...	...	1	1
Injury at birth .....	...	...	1	...	1	1	...	...	1	2
Atelectasis .....	...	...	...	...	2	...	...	...	2	2
Congenital Mal-										
formation ... ..	1	4	1	...	4	2	...	...	8	10
Congenital Heart										
Disease .....	...	4	...	...	2	...	...	...	6	6
Premature Birth ...	...	14	2	...	21	7	...	...	30	37
Atrophy, Debility,										
and Marasmus...	2	6	1	...	3	2	...	...	10	12
Other Causes .....	1	11	1	1	...	4	...	1	9	14
TOTALS .....	4	65	16	3	33	18	1	1	101	121

TABLE No. 6.—Showing Population, Births and Birth Rates, Deaths and Death Rates.—1934.

WARD	Census Population 1931	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 .....	9,870	124	79.6	54	59	113	11.4	69	69	138	13.9
St. Peter's .....	9,934	284	31.4	38	59	97	9.7	66	71	137	13.8
Werneth .....	10,922	264	41.4	57	48	105	9.6	71	79	150	13.7
Westwood .....	13,672	281	48.6	83	60	143	10.4	85	92	177	12.9
St. Paul's .....	16,279	485	33.5	81	83	164	10.1	115	112	227	13.9
Coldhurst .....	7,592	143	53.1	39	42	81	10.6	48	48	96	12.6
Hartford .....	11,662	202	57.7	65	66	131	11.2	76	82	158	13.5
Hollinwood .....	12,126	417	29.0	75	74	149	12.2	71	71	142	11.7
Clarksfield .....	16,015	652	24.5	106	91	197	12.3	123	111	234	14.6
Mumps .....	7,810	135	57.8	53	62	115	14.7	60	70	130	16.6
St. James' .....	10,218	967	10.5	55	63	118	11.5	61	64	125	12.2
Waterhead .....	14,214	781	18.1	124	116	240	16.9	85	99	184	12.9
Transferred Births and Deaths	...	...	...	26	31	57	...	41	23	64	...
Registrar General's Estimate .....	135,200	4,735	29.9	856	854	1,710	12.6	971	991	1,962	14.5

The Population are Census numbers for 1932.



TABLE No. 9.—FOR WHOLE DISTRICT.

Year.	Population estimated to middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of residents beyond the District.	Nett Deaths at All Ages Belonging to the District.	
		Number	Rate.	Under 1 Year of Age.		At all Ages.					Number	Rate.
				Number	Rate per 1,000 Births registered	Number	Rate.					
1	2	3	4	5	6	7	8	9	10	11	12	13
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
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
Averages for years 1919-1928	.....	2539	17.4	259	101	2380	16.4	532	303	64	2190	15.0
1929	142,500	1887	13.2	221	117	2913	20.3	1095	330	73	2646	18.5
1930	142,500	1902	13.3	134	70	2277	15.9	920	309	88	1950	13.7
1931	141,900	1928	13.5	204	105	2370	16.7	600	333	70	2035	14.3
1932	138,900	1791	12.8	149	83	2305	16.5	623	347	60	1942	13.9
1933	136,700	1696	12.4	120	70	2387	17.4	715	390	65	2049	14.9
1934	135,200	1710	12.6	121	70	2317	17.1	744	331	64	1962	14.5

Area of District in Acres, 4,735.

AT CENSUS OF 1931.—Total population at all ages, 140,314. Number of inhabited houses, 36,071.

Average number of persons per house, 3.8.

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 1902-1934

Year	Population	RATES PER 1,000 POPULATION FROM						Deaths under 1 year to 1000 births
		Births	Deaths all causes	7 princip'l Zymotic Diseases	Phthisis	Bronchitis	Pneumonia	
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
<b>Average 5 y'rs</b>		<b>25.5</b>	<b>18.6</b>	<b>2.3</b>	<b>1.4</b>	<b>2.0</b>	<b>1.6</b>	<b>152</b>
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
<b>Average 5 y'rs</b>		<b>26.4</b>	<b>18.6</b>	<b>1.9</b>	<b>1.3</b>	<b>2.0</b>	<b>1.6</b>	<b>141</b>
1912	148,840	22.9	16.3	1.3	1.3	1.8	1.3	117
1913	149,936	23.2	17.1	1.4	1.2	2.0	1.3	139
1914	151,044	23.0	17.8	2.5	1.2	1.9	1.4	136
1915	141,781	20.8	18.0	1.0	1.4	2.3	1.6	126
1916	*136,126	17.8	16.7	0.9	1.3	1.8	0.9	122
<b>Average 5 y'rs</b>		<b>21.5</b>	<b>17.2</b>	<b>1.4</b>	<b>1.3</b>	<b>1.9</b>	<b>1.3</b>	<b>128</b>
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
<b>Average 5 y'rs</b>		<b>17.7</b>	<b>16.6</b>	<b>0.6</b>	<b>1.1</b>	<b>2.1</b>	<b>1.4</b>	<b>107</b>
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
<b>Average 5 y'rs</b>		<b>17.0</b>	<b>15.2</b>	<b>0.5</b>	<b>0.8</b>	<b>1.9</b>	<b>1.3</b>	<b>107</b>
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
1930	142,500	13.3	13.7	0.3	0.7	1.6	1.0	70
1931	141,900	13.5	14.3	0.2	0.7	1.8	1.4	105
<b>Average 5 y'rs</b>		<b>13.7</b>	<b>15.0</b>	<b>0.3</b>	<b>0.7</b>	<b>1.8</b>	<b>1.2</b>	<b>93</b>
1932	138,900	12.8	13.9	0.2	0.7	1.3	1.1	83
1933	136,700	12.4	14.9	0.14	0.6	1.6	1.5	70
1934	135,200	12.6	14.5	0.48	0.7	1.3	1.1	70

\* 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 1899-1934.

Year	Population	Smallpox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Fever Typhus and Typhoid	Diarrhoea	Total Deaths
1899	136,210	..	49	46	21	54	18	138	326
1900	136,797	3	108	54	20	89	17	76	367
1901	137,382	...	73	41	13	30	9	171	337
1902	138,091	7	103	39	49	29	13	42	282
1903	138,786	23	43	30	58	111	12	47	324
1904	139,497	14	70	22	34	37	22	117	316
1905	140,225	5	65	45	11	57	12	98	293
1906	140,969	...	125	33	17	41	6	175	397
1907	141,730	...	35	17	17	66	4	78	217
1908	142,507	...	82	28	23	54	12	174	373
1909	143,301	...	43	16	14	15	12	54	159
1910	146,700	...	84	4	9	77	10	80	264
1911	147,751	...	64	5	11	13	3	260	356
1912	148,840	...	65	7	12	65	...	52	201
1913	149,936	...	38	19	19	36	3	104	219
1914	151,044	...	169	48	39	56	5	69	386
1915	141,781*	...	48	17	20	15	4	49	153
1916	136,126*	...	29	3	30	48	2	32	144
1917	133,721	...	73	3	6	4	4	25	115
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	23
1930	142,500	...	21	8	17	2	...	...	148
1931	141,900	...	10	2	2	8	...	15	37
1932	138,900	...	18	0	1	15	1	10	45
1933	136,700	...	3	1	9	3	1	3	20
1934	135,200	..	19	2	25	18	2	0	66

\* Estimated for Deaths.





TABLE No. 12.

## Weekly Means of Meteorological Observations for the year 1934.

Date	Barometer reduced to Sea Level at 32.0	Thermometer	HYGROMETER		% of Saturation	TEMPERATURES.						Rainfall 12in. above ground.	Number of Days on which rain fell	Clouds covered = 10 clear = 0	Sunshine recorded at Strinesdale
			Dry	Wet		Maximum in Shade	Minimum in Shade	Maximum in Sun Black Bulb	Maximum in Sun Black Bulb in Vacuo	Minimum on Grass.	Temperature 12in. below surface.	Temperature 4 ft. below surface.			
1934															
January 6	29.17	41	41	40	92	44	35	44	45	29	37	40	6	10	5.80
13	28.88	43	43	42	92	48	42	47	52	32	40	41	2	7	4.25
20	28.82	42	42	42	100	48	43	47	56	31	40	41	6	7	9.55
27	29.39	38	38	38	100	43	37	41	49	27	37	40	4	6	16.20
February 3	29.60	36	36	35	91	41	34	41	52	26	36	40	2	9	16.70
10	29.35	43	43	42	92	44	34	35	55	37	38	40	3	8	3.95
17	29.61	39	39	38	92	43	34	45	57	28	38	40	2	9	11.15
24	29.47	42	42	41	92	44	35	45	55	36	39	40	—	9	3.90
March 3	28.96	38	38	38	100	43	34	46	73	28	38	40	4	7	27.20
10	28.82	41	41	39	85	45	35	48	69	31	38	39	6	9	18.60
17	28.14	39	39	38	92	41	35	44	59	31	38	39	6	10	4.00
24	28.79	41	41	40	92	45	34	48	70	30	38	39	7	8	10.55
31	29.17	45	45	44	92	49	37	52	77	30	40	40	2	7	30.50
April 7	29.01	42	42	41	92	45	33	50	78	31	40	40	2	7	32.50
14	28.77	46	46	45	93	50	34	53	79	35	41	40	6	8	15.55
21	28.88	52	52	49	80	58	48	64	93	39	46	42	4	6	32.85
28	28.66	47	47	43	73	50	41	54	83	36	45	43	5	9	13.70
May 5	29.04	50	50	47	80	56	43	62	86	38	47	44	3	8	23.25
12	29.27	55	55	53	87	59	49	63	85	44	48	45	4	10	26.50
19	28.92	47	47	44	79	52	41	35	83	38	48	47	6	9	20.75
26	29.27	52	52	40	80	57	48	60	82	39	47	47	3	9	25.25





TABLE No. 15.

COUNTY BOROUGH OF OLDHAM.

Deaths Registered at Several Groups of Ages from Different Causes  
during year ending December 31st, 1934.

[illegible]

TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.													
	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	TOTALS.
<i>Malarial Diseases.</i>														
Intermittent Fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Zoogenous Diseases.</i>														
Poison and Effects of Vaccination .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diseases, Hydrophobia, and Rabies, Splenic Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Venereal Diseases.</i>														
Gonorrhœa.....	1	...	1	...	...	...	1	1	3	...	2	...	...	8
Stricture of Urethra.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>6. Septic Diseases.</i>														
Septicæmia.....	1	...	1	1	...	...	...	...	...	...	1	...	...	3
Septicæmia, Septicæmia .....	...	...	...	1	1	...	1	2	...	2	1	1	...	9
Septicæmia, Septicæmia .....	...	...	...	...	3	2	...	...	...	...	...	...	...	5
- PARASITIC DISEASES.														
Hydatids, and other Vegetable Parasitic Diseases .....	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Hydatids, and other Animal Parasitic Diseases.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
-DIETETIC DISEASES.														
Starvation of Breast Milk, Starvation .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism.....	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Drunkenness.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>7.—CONSTITUTIONAL DISEASES.</i>														
Chorea, Rheumatism .....	...	...	...	2	1	3	1	...	...	...	...	...	...	7
Chorea of the Heart .....	...	...	...	...	1	3	1	3	...	1	1	1	...	11
Chorea .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chorea, Malignant Disease .....	...	1	1	...	...	4	16	35	36	38	63	20	2	215
Chorea, Hæmorrhagic Diarrhoea .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chorea, Chlorosis, Leucocythæmia .....	3	...	3	...	...	...	1	...	...	...	...	...	...	4
Chorea, Diabetes Mellitus.....	...	...	...	...	...	2	...	2	4	1	4	...	...	13
Chorea, Constitutional Diseases.....	...	...	...	1	...	...	...	5	6	...	8	2	...	22



TABLE No. 15—Continued.

CAUSE OF DEATH.	AGES.												
	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.....	37	...	37	...	...	...	...	...	...	...	...	...	...
Atelectasis .....	2	...	2	...	...	...	...	...	...	...	...	...	...
Congenital Malformations...	10	...	10	...	...	...	...	...	...	...	...	...	...
"    Heart Disease ...	6	...	6	...	...	...	...	...	...	...	...	...	...
Old Age .....	...	...	...	...	...	...	...	...	...	...	6	25	18
VI.—LOCAL DISEASES.													
1. <i>Diseases of Nervous System</i>													
Inflammation of Brain or Membranes .....	...	1	1	1	5	2	3	1	1	...	...	...	...
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis.	...	...	...	...	1	...	2	10	12	18	47	31	...
Insanity, General Paralysis of the Insane .....	...	...	...	...	...	...	2	13	2	4	10	4	...
Epilepsy .....	...	...	...	1	...	1	3	...	1	4	...	...	...
Convulsions .....	...	1	1	...	...	...	...	...	...	...	...	...	...
Laryngismus Stridulus (Spasm of Glottis).....	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica.....	...	...	...	1	1	1	2	1	...	1	1	...	...
Poliomyelitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Disease of Spinal Cord, Paraplegia, Paralysis Agitans...	...	...	...	...	...	...	1	...	3	2	1	...	...
Other Diseases of Nervous System .....	...	...	...	...	1	...	...	2	1	1	3	...	...
2. <i>Diseases of Organs of Special Sense.</i>													
Of Ear, Eye, Nose .....	...	...	...	3	1	2	3	...	...	...	...	...	...
Cerebro Spinal Meningitis ...	1	...	1	2	...	...	...	...	...	...	...	...	...
3. <i>Diseases of Circulatory System.</i>													
Pericarditis .....	...	...	...	...	1	...	...	...	...	...	...	...	...
Acute Endocarditis.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Valvular Diseases of Heart ...	...	...	...	1	3	5	2	22	13	9	14	6	1
Other Diseases of Heart .....	...	...	...	2	3	5	6	19	16	33	92	57	10
Aneurism .....	...	...	...	...	...	...	1	...	...	1	...	...	...
Embolism, Thrombosis .....	...	...	...	...	...	2	4	8	7	9	13	6	...
Other Diseases of Blood Vessels	...	...	...	...	...	...	2	5	3	12	26	24	3
4. <i>Diseases of Respiratory System.</i>													
Laryngitis .....	...	...	...	...	...	...	...	...	...	1	...	...	...
Croup .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Emphysema, Asthma.....	...	...	...	...	...	...	...	1	1	1	...	2	...
Bronchitis .....	6	3	9	1	1	1	6	15	17	22	65	35	4
Pneumonia .....	20	12	32	5	4	10	14	22	9	20	24	6	1
Pleurisy .....	...	...	...	...	1	...	...	...	...	...	...	...	...
Other Diseases of Respiratory System .....	...	1	1	...	...	1	...	...	2	1	...	...	...







TABLE No. 16.  
SCARLET FEVER.

Ages	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	83	1	1·20
5 to 10 .. ...	151	1	0·66
10 to 15... ..	69		
15 to 25... ..	22		
25 to 35 .. ...	14		
35 to 45... ..	3		
45 to 55... ..	...		
Over 55 ... ..	...		
Totals ... ..	342	2	0·58



TABLE No. 17.

## DIPHTHERIA.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage
Under 5 years ...	42	7	16·6
5 to 10... ...	102	14	13·7
10 to 15... ...	32	2	62·5
15 to 25... ...	11	2	18·2
25 to 35 .. ...	5	...	...
35 to 45... ...	3	...	...
45 to 55... ...	...	...	...
Over 55... ...	...	...	...
Total .....	195	25	12·82

TABLE No. 18.  
TYPHOID OR ENTERIC FEVER.

Ages.	Cases Reported.	Deaths of such Cases.	
		Total.	Percentage.
Under 5 years ...	...	...	...
5 to 10... ..	1	...	...
10 to 15... ..	...	...	...
15 to 25... ..	1	1	100
25 to 35 .. ...	...	...	...
35 to 45... ..	...	...	...
45 to 55... ..	...	...	...
Over 55... ..	...	...	...
Totals ... ..	2	1	50



TABLE No. 19.  
Showing the number of Cases of Sickness and the Deaths Registered during the  
several months of the year 1934 in Oldham.

MONTHS.	SMALLPOX.		SCARLET FEVER.		DIPH- THERIA.		TYPHOID FEVER.		PUER- PERAL FEVER.		PUER- PERAL PYREXIA.		CEREBRO- SPINAL M'NINGITIS.		ACUTE POLIOMYE- LITIS.		ENCEPHA- LITIS L'ITH'RGICA.		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 ...	...	...	49	...	10	1	...	...	...	...	4	...	2	...	...	...	...	1	11	1	24	21	...	...
February ...	...	...	23	1	10	...	...	...	...	...	3	1	1	...	...	...	...	...	7	...	12	8	...	...
March ...	...	...	22	...	27	...	...	...	...	...	3	...	1	...	...	...	...	1	5	1	15	16	...	...
April ...	...	...	14	1	8	...	...	...	...	...	2	...	...	...	...	...	...	4	...	...	20	20	...	...
May ...	...	...	17	...	8	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	18	15	...	...
June ...	...	...	13	...	16	...	...	...	...	...	1	...	...	...	...	...	...	8	...	...	27	15	...	...
July ...	...	...	20	...	16	...	...	...	...	...	2	...	1	...	...	...	...	3	2	1	8	12	...	...
August ...	...	...	11	...	22	...	...	...	...	...	2	...	...	...	...	...	...	2	3	...	6	9	...	...
September ...	...	...	12	...	16	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	11	4	...	...
October ...	...	...	34	...	17	...	...	...	...	...	4	1	...	...	...	...	...	10	...	...	21	8	...	...
November ..	...	...	47	...	14	...	...	...	...	...	1	...	...	...	...	...	...	5	...	...	13	9	...	...
December ..	...	...	80	...	31	6	...	...	2	...	1	...	...	...	...	...	...	6	...	...	14	9	...	...
Totals ...	...	...	342	2	195	25	2	1	5	3	26	2	5	4	...	...	2	8	64	3	189	146	...	...

TABLE No. 20.

Cases of Infectious Disease notified during the Year 1934.

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 ... ..	...	...	...	...	...	...	...
Scarlet Fever ..	342	4	79	220	22	17	...
Diphtheria ... ..	195	1	41	134	11	8	...
Enteric Fever ...	2	...	...	1	1	...	...
Puerperal Fever ...	5	...	...	...	1	4	...
Puerperal Pyrexia	26	...	...	...	5	21	...
Cerebro Spinal Fever ... ..	5	1	...	3	...	1	...
Acute Poliomyelitis ...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	2	...	...	...	...	2	...
Typhus Fever ...	...	...	...	...	...	...	...
Erysipelas ... ..	64	1	...	1	4	47	11
Dysentery . . . . .	...	...	...	...	...	...	...
Malaria . . . . .	...	...	...	...	...	...	...
Totals ...	641	7	120	359	44	100	11



TABLE No. 20—Continued.

Cases of Infectious Disease notified during the Year, 1934.

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 ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fev'r	342	9	12	33	58	32	16	40	38	45	10	23	26
Diphtheria...	195	18	15	15	14	13	5	21	35	21	15	6	17
Enteric Fev'r	2	...	...	...	...	2	...	...	...	...	...	...	...
Puerperal Fever ..	4	...	2	...	...	...	...	1	1	...	...	...	...
Puerperal Pyrexia ...	20	3	2	3	1	2	2	...	1	2	...	...	4
Cerebro Spinal Fever	5	1	...	...	1	1	...	...	...	1	1	...	...
Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	2	...	...	...	...	...	...	...	2	...	...	...	...
Typhus Fev'r	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	64	6	7	7	9	4	2	4	2	9	2	2	10
Dysentery ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	634	37	38	58	83	54	25	66	79	78	28	31	57

PYREXIA—Also 4 cases in G.M.H., 1 in Woodfield Nursing Home, and 1 in Royal Infirmary, from outside districts and 1 case Puerperal Fever in B.P.M.H.

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...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fev.	247	7	11	22	42	17	11	28	29	31	9	18	22
Diphtheria...	177	18	11	15	14	10	5	20	32	16	15	5	16
Enteric Fev.	1	...	...	...	...	1	...	...	...	...	...	...	...
Puerperal „	3	..	1	...	...	...	...	1	1	..	...	..	...
Puerperal Pyrexia ...	12	2	...	2	1	2	2	...	1	1	...	...	1
Cerebro Spinal Fev.	4	1	...	...	...	1	...	...	..	1	1	...	...
Acute P'li'my'litis	..	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus Fev.	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas...	12	1	2	2	2	...	...	1	...	1	...	...	3
Dysentery...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria .....	...	...	...	...	...	...	...	...	...	..	...	...	...
Totals ...	456	29	25	41	59	31	18	50	63	50	25	23	42



TABLE

## SUMMARY OF CASES ADMITTED INTO WESTHULME

	1915		1916		1917		1918		1919		1920		1921		1922		1923	
	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died	Admitted	Died
Measles .....	6	1	18	2	19	2	17	...	36	...	8	...	4	...	64	10	10	...
Measles & Appendectomy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles & Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever...	364	7	110	2	99	1	106	6	296	11	318	6	503	8	467	7	194	5
Doubtful Scarlet Fe....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Scarlet Fe. & Diphtheria...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	1
Scarlet Fe. & Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Scarlet Fe. & Chick'n-pox...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Scarlet Fe. & Whoop'g C'gh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fe. & Phthisis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria.....	37	6	76	20	32	4	52	9	71	9	87	16	72	6	67	12	53	12
Diphtheria & Measles.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...
Diphtheria, Measles and Ophthalmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria & Phthisis....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Diphtheria & Typhoid Fe...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever.	14	1	9	3	11	4	24	4	7	3	7	3	13	5	11	3	9	2
Septic Throat...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ....	5	...	2	...	4	...	2	...	2	...	3	...	1	...	...	...	...	...
Tuberculosis ...	127	22	131	23	162	29	153	28	147	25	114	28	99	22	105	28	94	18
Chicken-pox ...	...	...	...	...	1	...	9	...	9	...	6	...	5	...	2	...	14	...
Chic'n-pox & Appendicitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Whoop'g C'gh do & Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marasmus .....	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...
Malnutrition ...	...	...	...	...	3	...	7	3	13	1	...	...	...	...	2	...	36	...
Mumps .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	553	37	346	50	331	40	370	50	583	50	543	53	311	18	726	61	417	38

No. 21.

## HOSPITAL DURING THE YEARS 1915 TO 1934.

1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Admitted Died	Admitted Died	Admitted Died	Admitted Died	Admitted Died	Admitted Died	Admitted Died	Admitted Died	Admitted Died	Admitted Died	Admitted Died
25 ...	56 8	29 1	22 2	7 1	16 1	12 ...	22 ...	16 ...	6 ...	30 2
.. ..	... ..	1 ...	1 ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..
... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	2 2	... ..	... ..
162 5371	9306	... ..	185 ...	256 2	475 3	522 5	254 3	221 ...	388 2	331 1
... ..	... ..	... ..	... ..	... ..	3 ...	... ..	... ..	... ..	1 ...	... ..
2 ...	3 ...	1 7	... ..	5 ...	9 1	3 ...	.. ..	1 ...	... ..	... ..
... ..	... ..	... ..	... ..	... ..	1 ...	... ..	... ..	... ..	... ..	... ..
1 ..	... ..	... ..	... ..	1 ...	2 ...	1 ...	... ..	... ..	... ..	... ..
... ..	... ..	2 ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..
... ..	... ..	1 ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..
83 6	128 22	150 15	213 16	276 31	240 14	162 17	106 4	75 7	166 16	276 31
.. ..	2 1	... ..	2 1	2 2	... ..	... ..	... ..	... ..	... ..	1 ...
1 ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..
... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..
... ..	1 1	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..
12 2	8 2	6 1	7 2	6 3	6 2	2 1	11 1	6 2	1 1	2 1
... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	1 ...
1 1	1 ..	1 1	... ..	1 1	.. ..	... ..	1 ...	... ..	1 ...	... ..
1 ...	... ..	... ..	2 ...	... ..	... ..	... ..	2 ...	1 ...	... ..	... ..
95 22	96 27	80 27	98 23	82 25	83 35	78 17	96 20	101 34	129 44	119 43
24 3	9 ...	12 ...	... ..	1 ...	... ..	1 ...	2 ...	2 ...	17 ...	4 ...
... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..
... ..	... ..	... ..	... ..	... ..	... ..	... ..	5 2	4 ...	1 1	1 ...
... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	1 1	... ..
... ..	... ..	1 1	2 2	1 1	... ..	... ..	2 ...	6 4	... ..	3 2
... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..
28 ...	13 2	... ..	15 ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..
... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	1 ...	8 ...	... ..
435 40	688 73	596 46	547 46	638 66	835 56	781 40	501 30	436 49	719 65	768 80



TABLE No. 22

Showing the number of new Cases of Sickness coming to the knowledge of the Medical Officer of Health during the years 1903 to 1934.

Year.	Small-pox.	Scarlet Fever.	Diphtheria.	Typhus Fever.	Typhoid Fever.	Puerperal Fever.	Total Cases.
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
1930	32	712	168	...	...	34†	946
1931	...	272	88	...	8	28†	396
1932	...	209	50	...	2	20†	281
1933	...	407	135	...	...	30†	573
1934	...	342	195	...	2	31	570

\* 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. 23.

Summary of Cases treated in the Racefield, Hartshead and Strinesdale Hospitals during the years 1920 to 1934.

Hospitals	1920		1921		1922		1923		1924		1925		1926		1927		1928		1929		1930		1931		1932		1933		1934	
	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.	Admitted.	Died.
Racefield & Hartshead																														
Oldham Cases	4 ...		1		49 ..		...	...	...	...	...	...	10 ...	19 ...	30 ...	18 ...	32 ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Strinesdale.....	* 76 ...		* 76 1		* 73 2		* 50 .		* 67 ...		* 77 .		* 96 3	* 86 9	* 76 4	* 73 8	* 71 8	*	85 12	*	96 7	*	101 9	*	85 12	*	101 9	*	100 9	
Oldham Cases	68 ...		74 .		122 2		48 .		67 ...		77 .		106 3	9 05	9 106 4	8 91	8 103		8 106 4		8 96 7		8 101		8 85 12		8 101		8 100 9	
Out-Township Cases	...		6 ...		...		2		...		...		...	...	...		...		...		...		...		...		...		...	
Totals .....	68 4 77 ...		122 2		...		50 ...		67 ...		77 ...		106 3	105 9	106 4	91 8	103 8		106 4		96 7		101 9		85 12		101 9		100 9	

\* Cases of Phthisis.



TABLE No. 24.

## HEALTH VISITORS' SUMMARY,

For Year ending December, 1934.

Total Live Births—Legitimate	...	...	...	1607	} 1710
„ „ Illegitimate	...	...	...	103	
„ Still Births	...	...	...	97	
„ Births notified by Midwives	...	...	...	1082	
„ „ „ Parents, Doctors and Inward Transfers	...	...	...	725	
Infant Deaths—Legitimate	...	...	...	111	} 121
„ „ Illegitimate	...	...	...	10	
Visits to Children under 1 year	...	...	...	7328	
„ „ 1 to 5 years	...	...	...	14604	
„ Expectant Mothers	...	...	...	497	
No. of Ophthalmia Cases notified	...	...	...	11	
„ visits to Ophthalmia Cases	...	...	...	36	
„ Puerperal Fever Cases	...	...	...	3	
„ „ Pyrexia „	...	...	...	20	
Visits to Measles	...	...	...	1480	
„ Mumps	...	...	...	123	
„ Whooping Cough	...	...	...	612	
„ Chicken Pox	...	...	...	587	
Special Enquiries	...	...	...	1029	
Visits to Infant Deaths	...	...	...	127	

TABLE No. 25.

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

No. of Workshops on Register December, 1933	...	...	...	345
" " Discontinued during 1934	...	...	...	28
" " Registered during 1934...	...	...	...	11
" " on Register December, 1934	...	...	...	328
" Visits Paid	...	...	...	452
" Notices Served	...	...	...	20
" " Complied with	...	...	...	18

Nature of Defects.	Notices Served.	Notices Complied with.
Dirty Workrooms	4	4
Damp, Defective Roof, &c.	3	3
Defective Ventilation	...	...
Defective Water Supply	...	...
Insufficient or no Closet Accommodation	2	...
Defective Closets	...	...
Closet—Not Separate for Sexes	...	...
Defective Drains	...	...
Untrapped Drains	1	1
Blocked Drains	2	2
Dust Bins	3	3
Defective or Short Slop Pipes	...	...
Fire Escapes	2	2
Accumulations	2	2
Defective Chimneys	...	...
Overcrowding	...	...
Miscellaneous	1	1



TABLE No. 26.

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

No. of Bakehouses on Register, December, 1933	...	...	...	...	332
„ „ Discontinued during 1934	...	...	...	...	18
„ „ Registered during 1934	...	...	...	...	13
„ „ on Register, December, 1934	...	...	...	...	327
„ Visits paid	...	...	...	...	600
„ Notices served	...	...	...	...	32
„ „ complied with	...	...	...	...	32

Nature of Defects.	Notices Served	Notices Complied with.
Defective Ventilation	2	2
Dirty Bakehouses	..	...
Accumulations	2	2
Damp, Defective Roof, etc.	5	5
Defective Water Supply	...	...
Defective Dustbins	9	9
Defective Slop Pipe	1	1
Blocked Drains	1	1
Defective Drains	3	3
Defective Chimneys	...	...
Defective Closets	1	1
Insufficient or no Closet Accommodation	...	...
Broken Walls	5	5
Broken Ceiling	...	...
Miscellaneous	3	3

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	Electric
No. A	34	...	11	8	2	13	4	22	7	...	1
„ B	68	5	20	15	3	25	2	62	4	...	...
„ C	75	2	33	5	2	33	6	73	1	...	3
„ D	55	1	6	...	1	47	1	52	1	...	1
„ G	51	6	13	7	4	21	7	36	6	2	1
„ H	44	3	6	8	4	23	3	43	5	2	...
Totals	327	17	89	43	16	162	23	288	24	4	6

TABLE No. 27.

## REGISTERED MILK PURVEYORS.

No. of Milk Shops on Register, December, 1933	...	...	...	393
" " Discontinued during 1934	...	...	...	25
" " Registered " 1934	...	...	...	58
" " on Register, December, 1934	...	...	...	426
No. of Visits to Milk Shops	...	...	...	640
No. of Notices Served	...	...	...	8
" " Complied	...	...	...	8

No. of Oldham Farmers on Register, December, 1933	...	...	33
" " " Discontinued during 1934	...	...	1
" " " Registered " 1934	...	...	1
" " " on Register, December, 1934	...	...	33

No. of Outside Farmers and Dairymen on Register, Dec., 1933	190
" " " " " Discontinued during 1934	21
" " " " " Registered " 1934	17
" " " " " on Register, Dec., 1934	186

## MILK (SPECIAL DESIGNATIONS) ORDER, 1923.

No. of Licences to Sell Certified Milk	...	...	...	5
" " to Pasteurise Milk	...	...	...	1
" " to Sell Pasteurised Milk	...	...	...	50
" " to Produce "Grade A" Milk	...	...	...	1
" " to Sell "Grade A" Milk	...	...	...	1

## ICE CREAM VENDORS.

No. of Visits	...	...	...	92
" Notices Served	...	...	...	1
" " Complied...	...	...	...	1



TABLE No. 28.

Showing the number of Smoke Observations taken and Inspections of Mill Lodges made during the years 1933-1934.

Month ending		SMOKE OBSERVATIONS.		MILL LODGES INSPECTIONS.	
1933.	1934.	1933.	1934.	1933.	1934.
Jan. 7	Jan. 6...	14	12	22	12
Feb. 3	Feb. 3...	98	108	20	30
Mar. 3	Mar. 3...	101	96	17	19
Mar. 31	Mar. 31...	99	104	31	24
Apr. 29	Apr. 28...	87	94	24	22
May 27	May 26...	110	102	35	41
June 24	June 23...	103	82	22	33
July 22	July 21...	95	111	21	37
Aug. 18	Aug. 18...	62	94	21	26
Sep. 16	Sep. 18...	53	50	13	22
Oct. 14	Oct. 13...	33	55	12	24
Nov. 11	Nov. 10...	14	64	10	106
Dec. 8	Dec. 8...	40	80	9	31
Dec. 31	Jan. 5	17	45	12	53
Totals .....		926	1097	259	480

TABLE No. 29  
 HALF-HOURLY SMOKE OBSERVATIONS,  
 TAKEN DURING 1934.

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
1097	467	241	246	100	33	10
Percentage ...	42·57	21·9	22·42	9·1	3·0	0·91



TABLE No. 30.

## LIST OF FIRMS REPORTED TO HEALTH COMMITTEE DURING THE YEAR 1934.

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
Heron Mill ... ..	Mill Gate.....	4	30	8 0	Tons	3	None	Legal Notice Served.
Iris Mill Ltd.....	Hollins Road .....	3	30	8 6	85	3	Smoke Burners (non Propriety)	Cautioned by Health Committee.
Devon Mill .....	Chapel Road.....	3	30	8 6	62	2	None	Do.
Laundry .....	Chamber Road.....	2	Vertical	Boilers	...	2	None	Legal Notice Served.
Fox Mill .....	Limeside Road....	5	30	8 6	120	5	None	Cautioned by Health Committee
Marsland Mill.....	Green Street.....	3	30	8 6	70	2	None	Do.
Ashley Mill.....	Ashley Street .....	1	30	8 0	20	1	Waddington's Patent	Legal Notice Served.
Orb (1920) Ltd ...	Holgate Street.....	4	30	8 6	56	3	None	Cautioned by Health Committee.
Fox Mill .....	Limeside Road.....	5	30	8 6	120	4	None	Legal Notice Served.

TABLE No. 31.

## SMOKE PROSECUTIONS DURING 1934.

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



TABLE No. 32.

NATURE OF SMOKE APPLIANCES IN USE IN THE  
BOROUGH OF OLDHAM, 1934.

Name of Appliances.	No. of Mills.	No. of Boilers.
Auto-Coking Machines ... ..	4	8
Broadbent's Louvre Air Regulators... ..	7	29
Caddy's Tubular Bars ... ..	1	4
Butterworth's Sectional Bars ... ..	1	4
Hollow or Split Bridge Walls ... ..	4	9
Hamer's Patent Expansion Joints ... ..	2	6
Sanger and Webster's Patent Air Regulators ... ..	2	8
Johnson's Smoke Consumer ... ..	...	...
Courts Turners Engineering Co.'s Doors	1	5
Babcocks and Wilcocks Patent ... ..	...	...
Mellor's Patent ... ..	1	4
Evan's ,, ... ..	...	...
Waddington's Premier Stoker ... ..	2	4
<b>TOTALS...</b> ... ..	<b>25</b>	<b>81</b>

Where no Appliances are fixed— 70 Mills ; 185 Boilers. There  
are also about 45 Workshop Chimneys not on books.

Number Electrified ... 4  
Partly Electrified ..... 10

## FOOD INSPECTOR'S REPORT.

Visits to Markets ...	...	...	...	...	...	150
Do. Cattle Wharves...	...	...	...	...	...	355
Do. Meat Shops ...	...	...	...	...	...	4,735
Do. Fish Shops ...	...	...	...	...	...	631
Do. Fruit and Vegetable Shops ...	...	...	...	...	...	1,656
Do. Miscellaneous	Do.	...	...	...	...	213
Do. Under Contagious Disease Animals Act	...	...	...	...	...	89
Do. Corporation Destructors	...	...	...	...	...	71
No. of Samples of Food Purchased under Food & Drugs Acts	...	...	...	...	...	197
" " " Informal "	...	...	...	...	...	2
No. of Samples of Milk examined for Tuberculosis	...	...	...	...	...	71

## SLAUGHTER HOUSES.

No. on Register, December, 1933	...	...	...	...	34
No. lapsed during 1934	...	...	...	...	0
No. newly licensed during 1934	...	...	...	...	0
No. on Register, December, 1934...	...	...	...	...	34

## DAIRIES AND COWSHEDS.

No. of Dairies on Register, December, 1933	...	...	...	34
No. " " " 1934	...	...	...	34
No. of Cowsheds on Register, December, 1933	...	...	...	75
No. " Lapsed during 1934	...	...	...	4
No. of New Cowsheds Registered during 1934	...	...	...	0
No. of Cowsheds on Register December, 1934	...	...	...	71

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

Total number of Cowsheds, 71.					1933.	1934.
					No. of Shippons	No. of Shippons.
600 cubic feet and under 700 cubic feet per head					28	26
700 " " 800 " "					12	12
800 " " 900 " "					22	20
900 " " 1000 " "					9	9
1000 " " 1100 " "					2	2
1100 " " 1200 " "					2	2
Total					75	71



## SUMMARY.

					Visits paid.	Notices served.	Notices complied with.
Slaughter Houses	...	...	...	...	4,833	3	3
Dairies	...	...	...	...	66	8	8
Cowsheds	...	...	...	...	146	3	2
Butchers Shops	...	...	...	...	4,735	5	5

## DISEASED OR UNSOUND FOOD DESTROYED.

						Tons.	Cwts.	Qrs.	Lbs.
20 Cattle	...	...	...	...	...	4	4	2	24
34 Sheep	...	...	...	...	...	0	15	3	8
31 Pigs	...	...	...	...	...	1	1	2	2
Meat	...	...	...	...	...	5	8	1	14
Offal	...	...	...	...	...	15	15	1	7
Preserved Foods	..	...	...	...	...	0	7	3	3
Fish	...	...	...	...	...	0	1	0	22
2 Chickens	...	...	...	...	...	0	0	0	8
251 Eggs	...	...	...	...	...	0	0	1	3
28 Rabbits	...	...	..	...	...	0	0	1	21
Total	...	...	...	...	...	27	15	2	0

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 ... ..	170	369	539
Tuberculosis in Pigs ... ..	8	292	300
Flukey Livers ... ..	8	301	309
Echinococcus ... ..	1	93	94
Dropsy ... ..	9	14	23
Pneumonia and Pleurisy ... ..	2	310	312
Injured ... ..	3	10	13
Suffocation ... ..	17	11	28
Angioma ... ..	1	56	57
Cirrhosis ... ..	2	113	115
Abscess ... ..	...	23	23
Unsound ... ..	17	26	43
Septicæmia ... ..	0	1	1
Jaundice ... ..	1	6	7
Mammitis ... ..	1	57	58
Actinomycosis ... ..	1	5	6
Nephritis ... ..	0	3	3
Pericarditis ... ..	0	8	8
Fatty Degeneration ... ..	0	7	7
Physic ... ..	1	0	1
Swine Fever ... ..	3	6	9
Congestion ... ..	0	11	11
Strongylus ... ..	0	24	24
Puerperal Fever ... ..	0	1	1
Necrosis ... ..	0	1	1
Cyst. Tenuicollis ... ..	0	154	154
Peritonitis ... ..	0	6	6
Immaturity ... ..	8	85	93
Milk Fever ... ..	1	0	1
Inflammation ... ..	0	3	3
<b>Total</b> ... ..	<b>254</b>	<b>1996</b>	<b>2250</b>





## HOUSES LET IN LODGINGS, 1934.

Number of Houses on Register, December, 1933	...	...	...	152
,,      ,,      Lapsed during 1934	...	...	...	19
,,      ,,      Registered during 1934	...	...	...	9
,,      ,,      on register December, 1934	...	...	...	142
,,      Rooms on register December, 1933	...	...	...	832
,,      ,,      Lapsed during 1934	...	...	...	90
,,      ,,      Registered during 1934	...	...	...	82
,,      ,,      on register December, 1934	...	...	...	824
Visits paid	...	...	...	8719
Notices Served	...	...	...	170
,,      complied with	...	...	...	158

NATURE OF DEFECTS	Notices Served	Notices Complied With
Broken Walls, Floors and Ceilings...	29	28
Overcrowding	30	22
Separation of Sexes	13	13
Dampness from Defective Roof, etc.	11	9
Blocked and Defective Drains	17	16
Defective Slop-pipes	6	6
Dirty Walls, Floors, Ceilings, Closets, etc....	6	6
Defective Water Closets	15	15
,,      Waste Water Closets...	1	1
Additional Closets Provided	—	—
Accumulations of Refuse	5	5
Defective Dust bins	17	17
Defective Ventilation	5	5
Failing to Register	2	2
Other Defects	13	13
TOTALS	170	158



DRAINAGE DEFECTS.	Notices Served.	Notices Complied with
Blocked Drains ... ..	528	521
Defective Drains... ..	242	221
Drain Inlets Untrapped or Defectively Trapped ...	161	155
Slop Pipe, Defective or Improperly Ventilated ...	62	57
Defective Water Closets ... ..	37	37
Defective Waste Water Closets... ..	975	971
New Water Closets provided ... ..	92	63
New Waste Water Closets .. ..	—	—
New Pail Closets .. ..	—	—
Yards and Passages Repaired and Flagged ... ..	91	77
Accumulation of Offensive Matter ... ..	178	177
Manure Heaps... ..	14	14
Defective and Insufficient Dustbins ... ..	1026	993

No. of Smoke or other Tests, 898. No. of Houses Tested, 833.  
 No. of Defects found, 285. 1072 yards of Channel Tiles and Drainage  
 Pipes have been laid or re-laid.

Traps fixed, 155. Ventilating Grids, 3.

Houses connected with Main Sewer, 44.

VISITS TO VARIOUS PREMISES.	Visits Paid.	Notices Served.	Notices Complied with
Bakehouses ... ..	600	32	32
Pigsties ... ..	66	—	—
Tents, Vans, and Sheds ... ..	948	1	1
Houses let in Lodgings ... ..	8719	170	158
Offensive Trades ... ..	290	2	2
Mill Lodges ... ..	453	1	1
Ice Cream Vendors ... ..	92	1	1
Milkshops ... ..	640	8	8
Factories and Workshops ... ..	452	20	18
Shop Hours Act ... ..	—	—	—

## CLOTHING, &amp;c., 1933-1934.

Articles.	Disinfected.		Destroyed.		Totals.	
	1933.	1934.	1933.	1934.	1933.	1934.
Blankets .....	2021	1629	21	43	2042	1672
Sheets .....	1408	1313	20	31	1428	1344
Pillows .....	2412	2729	108	164	2520	2893
Bolsters .....	898	739	26	46	924	785
Quilts.....	971	837	17	22	988	859
Mattresses .....	3	5	30	55	33	60
Beds .....	1987	1570	156	145	2143	1715
Carpets .....	1	2	3	8	4	10
Rugs .....	8	5	4	2	12	7
Curtains.....	...	3	...	2	...	5
Clothes .....	2830	2325	129	153	2959	2478
Sundry Articles ...	1378	2065	283	365	1661	2430
<b>Total .....</b>	<b>13,917</b>	<b>13,222</b>	<b>797</b>	<b>1,036</b>	<b>14,714</b>	<b>14,258</b>

1933—Total Houses Disinfected ... 832

,, Rooms ,, ... 2095

1934—Total Houses Disinfected .. 1006

,, Rooms ,, ... 2948



## CLEANSING DEPARTMENT, 1934.

Number of Ashpits in the Borough	...	...	...	...	...	None
Do. Ashbins	do.	...	...	...	...	37869
Do. Pail Closets	do.	...	...	...	...	1333
Do. Water Closets	do.	...	...	...	...	12875
Do. Waste-water Closets	do.	...	...	...	...	24555
Do. Latrines	do.	...	...	...	...	2846
Do. Houses represented	...	...	...	...	...	39393
Do. Mills, Workshops, &c.	do.	...	...	...	...	593
Do. Churches, Schools, &c.	do.	...	...	...	...	252

## ASHES DEPARTMENT.

Number of Ashpits Emptied during the day	...	...	...	...	None
Do. Ashbins	do.	do.	...	...	1944982
Do. Tons of Ashes taken to Destructors	...	...	...	...	24251
Do. do.	do.	Corporation Tips	...	...	3018
Do. do.	do.	Other Tips	...	...	None
Total No. of Tons collected					27269

## NIGHTSOIL DEPARTMENT.

Number of Sanitary Pails Emptied during the night	...	...	...	70179
Do. Collections of Butchers' Offal (during the night)	...	...	...	2391
Do. do. Fish Offal	...	...	...	16841
Do. Loads of Excreta collected	...	...	...	999
Do. do. Butchers' Offal collected	...	...	...	469
Do. do. Fish Offal collected	...	...	...	1342

## DESTRUCTORS.

Quantity of Ashes, Fish Offal and Garbage consumed :—					Tons	Cwts
Rhodes Bank Destructor :—					T.	C.
Portion of Collection—Screened					9956	0
Do.	do.	Unscreened	...	...	3825	9
Robin Hill	„	...	...	...	6627	1
Hollinwood	„	...	...	...	5431	5
Total					25839	15
Number of Tons of Clinker removed from Destructors					...	7252

## Quantity of Mortar Sold :—

							Tons	Cwts.	Qrs.
Rhodes Bank Destructor	...	...	...	...	...	...	995	2	0
Robin Hill	„	...	...	...	...	...	130	1	2
Hollinwood	„	...	...	...	...	...	180	3	2
Total	...	...	...	...	...	...	1305	7	0

## Quantity of Screened Clinker taken to Sewage Works :—

							Tons	Cwts.	Qrs.
Rhodes Bank Destructor	...	...	...	...	...	...	1037	4	1
Hollinwood Destructor	...	...	...	...	...	...	1162	10	0
Total...	...	...	...	...	...	...	2199	14	1

							Tons	Cwts	Qrs.
Quantity of Baled Tins Sold	...	...	...	...	...	...	336	7	0

## FLAG MAKING DEPARTMENT.

								Sq. Yds.
Quantity of Flags made, 1934	...	...	...	...	...	...	...	23,798
Do. sold	...	...	...	...	...	...	...	16,271

## HIGGINSHAW DEPOT.

Number of Tons of Shoddy Dirt Received	...	...	...	...	...	...	48
Do. Tons of Peat Moss Manure Received	...	...	...	...	...	...	75
Do. Tons of Shoddy Manure Sent out by Rail	...	...	...	...	...	...	448









