

[Report 1883] / Manchester and Salford Sanitary Association.

Contributors

Manchester and Salford Sanitary Association.

Publication/Creation

1883

Persistent URL

<https://wellcomecollection.org/works/a74axygr>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

ANNUAL REPORT

OF THE COMMITTEE OF THE

MANCHESTER AND SALFORD

SANITARY ASSOCIATION

(Established A.D. 1852)

AND OF THE

Committees of its Branches & Affiliated Societies

BEING A

SUMMARY OF THEIR PROCEEDINGS FOR THE YEAR

1883.

AT THE ANNUAL MEETING of the Manchester and Salford Sanitary Association, its Branches—the House Inspection Department, and the Ladies' Branch ; and its Allies—the Manchester and Salford Noxious Vapours Abatement Association, the Manchester and Salford Day Nurseries' Association, and the Committee for Securing Open Spaces for Recreation, held at the Town Hall, on Thursday, January 31st, 1884,

THE RIGHT WORSHIPFUL THE MAYOR OF MANCHESTER
(PH. GOLDSCHMIDT, Esq., J.P.)
in the Chair.

The Reports and Treasurers' Accounts having been read, it was, on the motion of the Chairman, seconded by FRANCIS GREG, Esq.,

Resolved—"That the Reports, as presented by the Committees of the Associations in Union, of their proceedings in the year 1883, be approved, and that the Committees be requested to print, and widely circulate the same."

Moved by Dr. RANSOME ; seconded by Dr. SIMPSON, and

Resolved—"That this Meeting approves of the objects and method of work of the several Committees connected with the Manchester and Salford Sanitary Association, and considers that the efforts made by them to spread amongst the people a knowledge of the laws of health, to promote cleanliness, temperance and thrift, to obtain a purer atmosphere, to improve the dwellings of the poor and to preserve the lives of their children, deserve a more adequate support from the general public."

Moved by H. PHILIPS, Esq. ; seconded by T. C. HORSFALL, Esq., and

Resolved—"That the plan of affiliation of kindred societies developed by the Manchester and Salford Sanitary Association, is deserving of warm commendation, as an effective means of increasing the usefulness of voluntary organizations."

Moved by Dr. LESLIE JONES ; seconded by W. H. NEWETT, Esq., and

Resolved—"That the best thanks of the Meeting be given to the President, Vice-Presidents, Officers and Committees for their services during the past year, and that the following Ladies and Gentlemen be requested to act for the ensuing year." (See next page).

The Chair having been taken by Dr. SAMELSON, it was

Moved by Dr. EMRYS-JONES ; seconded by J. W. SOUTHERN, Esq., and

Resolved—"That the best thanks of this Meeting be given to His Worship the Mayor of Manchester, for granting the use of his Parlour for this Meeting, and for his services in the Chair."

Manchester and Salford Sanitary Association.

COMMITTEE AND OFFICERS FOR THE YEAR 1884.

President :

THE RIGHT REV. THE LORD BISHOP OF MANCHESTER.

Vice-Presidents :

THE RIGHT WORSHIPFUL THE MAYOR OF MANCHESTER.

THE RIGHT WORSHIPFUL THE MAYOR OF SALFORD.

THE VERY REV. THE DEAN OF MANCHESTER.

B. ARMITAGE, ESQ., M.P.

ARTHUR ARNOLD, ESQ., M.P.

JACOB BRIGHT, ESQ., M.P.

SIR THOMAS BAZLEY, BART.

SIR JOSEPH WHITWORTH, BART.

GEORGE BOWRING, ESQ., F.R.C.S.

HENRY BROWNE, M.D.

JOHN CHEETHAM, ESQ., J.P.

FRANCIS GREG, ESQ.

JAMES HARDIE, ESQ., F.R.C.S.

PROFESSOR DANIEL J. LEECH, M.D.

PROFESSOR J. E. MORGAN, M.A., M.D.

J. NEWTON, ESQ., C.E.

DANIEL NOBLE, M.A., M.D.

H. PHILIPS, ESQ., J.P.

PROFESSOR REYNOLDS, F.R.S.

JOHN ROBERTS, M.D.

PROFESSOR ROSCOE, F.R.S.

JOHN TATHAM, M.D.

Treasurer :

OLIVER HEYWOOD, ESQ., J.P.

Deputy Treasurer :

S. L. HELM, ESQ.

Honorary Secretary :

A. EMRYS-JONES, M.D.

Committee :

CHAIRMAN—A. RANSOME, M.A., M.D.

JOHN ANGELL, ESQ., F.C.S.

WM. ARMSTRONG, ESQ., M.R.C.S.

R. AUSTIN, ESQ.

W. E. A. AXON, ESQ., M.R.S.L.

REV. ST. V. BEECHY, M.A.

PHILIP BIRCH, ESQ., M.R.C.S.

S. BUCKLEY, ESQ., F.R.C.S., M.B., LOND.

JOHN CHADWICK, ESQ., J.P.

J. J. COX, M.D.

A. DAHMS, M.D.

THOMAS DICKINS, ESQ., J.P.

J. W. HAMILL, M.D.

T. C. HORSFALL, ESQ.

W. N. MACCALL, M.D.

PROFESSOR MUNRO, LL.D.

J. S. MURCHIE, ESQ.

REV. H. A. NOEL, M.A.

S. H. OWEN, M.D.

J. E. PHYTHIAN, ESQ.

T. C. RAILTON, M.D., F.R.C.S., B.Sc.

A. SAMELSON, M.D.

JAMES SCOTSON, ESQ.

J. SCOTT, M.A., M.B.

H. SIMPSON, M.D.

HENRY R. SLATTER, ESQ.

H. TOMKINS, M.D., B.Sc.

F. VACHER, ESQ., F.R.C.S.

WM. WALTER, M.A., M.D.

Secretary :

MR. FRED. SCOTT.

Office : 100, King Street, Manchester.

SUB-COMMITTEES.

THE CHAIRMAN AND HONORARY SECRETARY—EX-OFFICIO.

FINANCE.

J. CHADWICK, Esq.	THOMAS DICKINS, Esq.	S. L. HELM, Esq.
-------------------	----------------------	------------------

HEALTH LECTURES.

J. ANGELL, Esq.	DR. MACCALL.	DR. SIMPSON.
REV. ST. V. BEECHY.	DR. S. H. OWEN.	DR. TOMKINS.
PH. BIRCH, Esq.	DR. RAILTON.	F. VACHER, Esq.
DR. BUCKLEY.	DR. SCOTT.	DR. WALTER.

VITAL STATISTICS.

PH. BIRCH, Esq.	DR. TATHAM.	F. VACHER, Esq.
DR. SAMELSON.	DR. TOMKINS.	

SANITARY DISTRICTS.

WM. ARMSTRONG, Esq.	DR. DAHMS.	DR. SAMELSON.
REV. ST. V. BEECHY.	DR. HAMILL.	DR. SCOTT.
PH. BIRCH, Esq.	DR. OWEN.	DR. TOMKINS.

MILK AND FOOD SUPPLY, AND CHEAP ANALYSIS OF FOOD.

JOHN ANGELL, Esq.	T. C. HORSFALL, Esq.	DR. SAMELSON.
PH. BIRCH, Esq.	DR. MACCALL.	DR. SIMPSON.
DR. BUCKLEY.	DR. OWEN.	F. VACHER, Esq.
S. L. HELM, Esq.	DR. RAILTON.	

THE MANCHESTER BUILDING BYE-LAWS.

W. E. A. AXON, Esq.	T. DICKINS, Esq.	REV. H. A. NOEL, M.A.
L. BOOTH, Esq., F.R.I.B.A.	S. L. HELM, Esq.	J. E. PHYTHIAN, Esq.
JOSEPH CORBETT, Esq.	PROF. MUNRO.	DR. SAMELSON.

INSPECTION DEPARTMENT.

R. AUSTIN, Esq.	S. L. HELM, Esq.	DR. SIMPSON.
JOHN CHADWICK, Esq.	J. S. MURCHIE, Esq.	DR. TOMKINS.
	J. SCOTSON.	

INFANT MORTALITY AND ITS CAUSES.

W. E. A. AXON, Esq.	T. C. HORSFALL, Esq.	DR. SAMELSON.
DR. COX.	DR. OWEN.	F. VACHER, Esq.
DR. DAHMS.	DR. RAILTON.	

ZYMOTIC DIARRHŒA.

DR. MACCALL.	DR. RAILTON.	DR. TOMKINS.
DR. OWEN.	DR. SAMELSON.	F. VACHER, Esq.

PREVENTION OF BLINDNESS IN INFANCY.

W. E. A. AXON, Esq.	DR. DAHMS.	DR. RAILTON.	DR. SAMELSON.
---------------------	------------	--------------	---------------

RECREATION AND HEALTH OF CHILDREN.

W. E. AXON, Esq.	T. C. HORSFALL, Esq.	DR. RAILTON.
REV. ST. V. BEECHY.	DR. MACCALL.	DR. SAMELSON.
PH. BIRCH, Esq.	REV. H. A. NOEL.	J. SCOTSON, Esq.
JOHN CHADWICK, Esq.	DR. OWEN.	H. SLATTER, Esq.
S. L. HELM, Esq.	J. E. PHYTHIAN, Esq.	

HEALTH TEACHING IN SCHOOLS.

JOHN ANGELL, Esq.	REV. ST. V. BEECHY.	J. SCOTSON, Esq.
W. E. A. AXON, Esq.	J. E. PHYTHIAN, Esq.	H. SLATTER, Esq.

OFFENSIVE TRADES AND SALE OF PATENT MEDICINES.

JOHN ANGELL, Esq.	DR. OWEN.	DR. SAMELSON.
PH. BIRCH, Esq.	J. E. PHYTHIAN, Esq.	DR. SIMPSON.
	DR. RAILTON.	

INFECTION FROM DEAD BODIES.

REV. ST. V. BEECHY.	DR. RAILTON.	DR. TOMKINS.
REV. H. A. NOEL.	DR. SAMELSON.	

SULPHUR IN MANCHESTER GAS.

JOHN ANGELL, Esq.	JOHN CHADWICK, Esq.	T. C. HORSFALL, Esq.
-------------------	---------------------	----------------------

** Besides the above there have been several other Sub-Committees appointed during the past year, but their work being completed they are not included here.

R E P O R T .

THE Committee, in presenting a summary of their proceedings in the past year, are pleased to be able to report substantial progress in the work which the Association has so long pursued. But what they notice with peculiar pleasure is the growing public interest in questions of hygiene, temperance, and thrift, and they confidently anticipate great results to follow.

This Association has always taken a keen and lively ^{Houses of the} interest in the homes of the poor and in their habits, ^{Poor.} and your Committee rejoice that this subject now receives the attention it deserves, and that there is a general disposition throughout the country to adopt remedial measures. It will be their endeavour in the future, as it has been in the past, to induce the Corporations of Manchester and Salford to advance in that direction. It is to be regretted that these Corporations refused to respond to the earnest appeal of the Committee in 1877 and 1878 to take comprehensive action for the improvement of cottage dwellings. The fact that our death rate is all but the highest in the kingdom, and that this is due in great part to unhealthy dwellings, as demonstrated by Dr. Samelson in his paper on "Dwellings and the Death-rate of Manchester,"* printed by order of the Committee, ought to arrest the attention of the Corporation and at last secure prompt action.

* The paper was read on the 30th of May, 1883, at the Memorial Hall, before a joint meeting of the Association and affiliated Societies, and the Manchester Statistical Society, Society of Architects, Ancoats Recreation Committee, &c.

Manchester
Building
Regulations.

The Committee cannot refrain, however, from expressing their sorrow that the Manchester Corporation should have allowed another year to expire without amending and enlarging our seriously defective Building Bye-laws.

Inspection of
Bakehouses.

From an inquiry into the condition of bakehouses in Manchester and Salford it was found, although the Factory Inspectors were charged with the duty of inspection, that, on account of stress of special duties, they never visited bakehouses unless complaints were made to them. It was, consequently, determined to memorialise the Local Government Board (see Appendix A) in favour of improved regulations respecting bakehouses, including the transfer of the duty of inspection to the Municipal Authorities. The Committee had the satisfaction of seeing a measure embodying several of their suggestions passed into law during the session, and it is now the duty of our Municipalities to inspect systematically all bakehouses within their jurisdiction.

As another result of the agitation may be mentioned the establishment of machine-bread factories, in which special attention is paid to Sanitary requirements.

District
Visiting.

The important work of co-operation between the District Visiting Sub-Committee and the Ladies' Branch has been actively carried on during the year. The members have periodically visited the districts, sometimes jointly with the mission women, have recorded any unsanitary conditions observed by them

or brought under their notice, and, through representations made to the authorities, have obtained prompt attention to nuisances which might otherwise have been allowed to exist indefinitely. Meetings are held quarterly in conjunction with the Ladies' Branch, at which reports of work done are presented, and points of interest discussed. The Committee would hail with delight the further development of this conjoint work in all the humbler parts of the city and borough, as they feel confident it is the most effectual way of promoting sanitary reform.

The occurrence of a case at Sheffield, in which infection had been conveyed to a patient by a midwife, induced the Committee to petition Parliament for a measure providing for the licensing of midwives (see Appendix B.) They regret that nothing has yet been done in the matter.

Licensing
Midwives.

The Committee have had under their consideration the question of the danger of infection from the bodies of persons who have died from infectious fevers. They have addressed communications on the subject to the Health Committee of Manchester and Salford, and to the Clergy and other ministers of religion (see Appendix C).

Infection
from Dead
Bodies.

A Bill for regulating the Sale of Patent Medicines under the title of the "Pharmacy Act Amendment Bill" was introduced into Parliament last year, but had ultimately to be withdrawn. The Committee had adopted the following recommendation with the intention of embodying it in a memorial, had it not

Sale of Patent
Medicines.

been necessary to suspend action in the matter ;—
 “ That all Patent Medicines which are of a poisonous
 “ nature should be labelled ‘ Poison ’ in a conspicuous
 “ manner, as is required in the sale of ordinary
 “ poisons by chemists, and that entries by the vendor
 “ recording their sale should be made compulsory.”

Recreation
and Health of
Children.

Open Spaces.

The Committee have devoted considerable attention to the question of the need in Manchester and Salford for increased playground accommodation for school children, and for the provision of more open spaces in Manchester. After painstaking inquiry as to existing accommodation, memorials to the Corporations of Manchester and Salford (see Appendix D and E) were prepared, and these were presented by deputation to the respective Mayors. The School Boards, the Committee for the Provision of Open Spaces, the Teachers' Associations, and the District Provident Society, were invited to join, and were most of them represented on the deputations.

It is to be hoped that the Committees to which the memorials have been referred, will recognise in the prayer of the Association what all recent indications show to be a fair reflection of public opinion on the subject, and that they will act accordingly in a spirit of friendly emulation for the public welfare. A copy of a communication on the subject to the Vice-President of the Council and of his reply will be found in the Appendix.

Milk Supply.

The subject of improved regulations respecting the Milk Trade which had engaged the attention of the Committee last year has been again under con-

sideration. Arrangements were in progress for repeating the appeal of last year to the Town Council of Manchester, and addressing the Corporation of Salford also, on behalf of more effective regulations, but a measure having been introduced to Parliament (The Public Health (Dairies, &c.) Bill), it was resolved to petition Parliament in its favour instead (see Appendix F). It is much to be regretted that the measure had to be withdrawn as several epidemics which have since occurred have been traced to milk supplied under conditions which would have been penal if the Bill had passed.

The Committee have repeated the plan of the two past years in giving this season also a kind of unity to the series of "Health Lectures for the People." The current course deals with "Sanitary Biology," and embraces the following :—

Winter
Lectures.

1883.	TITLE.	LECTURER.
Oct. 12.	"Breathing"	ARTHUR RANSOME, M.D., M.A., Lecturer on Public Health at the Owens College, and Exam- iner in Public Health, Victoria University.
" 26.	"Washing and Bathing"...	H. G. BROOKE, Esq., B.A., M.B.
Nov. 2.	"Drinking"	JOHN ANGELL, Esq., F.C.S., F.I.C., Science Master, Manchester Grammar School.
" 23.	"Working"	HENRY TOMKINS, M.D., B.Sc., Resident Medical Officer, Mon- sall Fever Hospital.
Dec. 7.	"Thinking"	J. DRESCHFELD, M.D., Physician to the Manchester Royal Infirmary.
1884.		
Jan. 11.	"Eating"	J. PRIESTLEY, Esq., M.R.C.S., Assistant Physician to the Con- sumption and Throat Hospital, late Lecturer on Physiology at the Owens College.
Feb. 1.	"Parents and Children"...	W. N. MACCALL, M.D., Hon. Physician, Manchester Clinical Hospital.
" 22.	"The Eye and Seeing" ...	A. EMRYS-JONES, M.D., Surgeon to the Manchester Royal Eye Hos- pital.
Mar. 7.	"Sleep and Rest".....	HY. SIMPSON, M.D., Physician to the Manchester Royal Infirmary.
—	"The Ear and Hearing"...	F. M. PIERCE, M.D., B.Sc., Surgeon to the Manchester Ear Institution.

Accommoda-
tion for Infec-
tious Diseases

An appeal from the Committee of the Ardwick and Ancoats Hospital for increased pecuniary support suggested the desirability of seeking an arrangement whereby the Corporation might subsidize the Hospital with a view to utilizing the Institution as a Receiving House mainly for cases of scarlet fever, and other infectious diseases affecting children, such as measles, whooping cough, &c. Memorials were accordingly prepared and forwarded to the City Council, and the Committee of the Ardwick and Ancoats Dispensary (see Appendix G), and the following bodies were asked to support the Memorials, viz., the Manchester Board of Guardians, School Board, Board of Management of the Royal Infirmary, the Committee of the Manchester and Salford District Provident Society, the Council of the Provident Dispensaries Association, the Senate of the School of Medicine, the Committees of the Children's Hospital, the Clinical, St. Mary's, and the Southern Hospitals. The Board of Guardians supported the Memorials, and the Corporation expressed their willingness to act upon the suggestions of the Association, but the authorities of the Hospital declined to co-operate.

Proposed
Local Govern-
ment Inquiry
in Manchester

An application was made to the Committee by Mr. Edwin Chadwick, C.B., for their support in an attempt to obtain a Local Government Board Inquiry into the cause of the high death rate in Manchester. A resolution was passed to the effect that, while recognising the claim of any suggestion from Mr. Chadwick to very respectful consideration, the Com-

mittee did not feel that the circumstances of the case justified them in taking the proposed action.

In view of the inquiry which it was known Dr. Ballard of the Local Government Board was making into the causes of zymotic diarrhoea, the Committee resolved to appoint a Sub-Committee for the purpose of devising, starting, and working a plan of collective investigation in Manchester, Salford, and neighbourhood, in aid of the inquiry. The intention of the Association having been communicated to Dr. Ballard, a letter was received from him stating his intention of visiting Manchester to confer with the Committee.

*Inquiry into
the Causes of
Zymotic
Diarrhoea.*

The Committee has had under consideration the important question of the prevention of blindness in infancy, and adopted a tract on the subject for extensive circulation in this and the neighbouring counties (see Appendix H).

*Prevention of
Blindness in
Infancy.*

The question of sulphur in Manchester gas has been brought under notice, and a Sub-Committee has been appointed to consider the subject.

*Sulphuric
Gas.*

The past reports of the Association testify to the interest which the Committee have always taken in the subject of "Adulteration of Food." They have again appealed to the Corporation of Manchester through the Analyst Sub-Committee in a memorial presented by deputation (see Appendix I), and while under the impression that their representations were not favourably received by that Committee, are highly gratified to learn from the following public

*Analysis of
Food at
Popular
Prices.*

notice recently issued that the Corporation of Manchester now appear to be in favour of a policy even more liberal than that pursued for some years past by the Corporation of Salford.

"CITY OF MANCHESTER—SALE OF FOOD AND DRUGS ACT, 1875.—Notice is hereby given, that all persons desirous of having articles of FOOD or DRUGS analysed, free of expense to them, are requested to communicate with Mr. A. T. Rook, Superintendent of the Nuisance Department, Town Hall, Manchester, from whom all necessary information may be obtained.

"Dated this 2nd day of January, 1884.

"By order, JOSEPH HERON, Town Clerk."

Health
Journal.

The establishment of an independent Journal by the Secretary in which the work of this Association and of its allied branches is duly recorded and their objects prominently advocated, promises to aid most materially in securing the help and co-operation of the public in the cause of health. The Committee have pleasure in expressing their indebtedness to Mr. Scott for this indication of his zeal and enterprise.

The Committee have gladly availed themselves of this means of placing before the subscribers and the public, from month to month, full reports of their proceedings, the journal being supplied to subscribers free of charge.

Weekly
Health
Reports.

The weekly returns of Mr. Leigh, the Medical Officer of Health for Manchester, have again been regularly summarized and supplied to the newspapers. The return for Salford is furnished by Dr. Tatham who also continues to issue his quarterly reports direct. This year, at the end of each quarter, an

instructive comparative summary of the vital statistics of Manchester and Salford has been published by the Committee.

The Committee have to record, with much regret, ^{Miscellaneous.} the death, during the year, of Mr. Hugh Birley, M.P., to whose family, through the Chairman, they have addressed an expression of condolence. They have, during the year, received several communications from other towns at home and abroad asking for documents and advice as to the formation of similar Societies, information which has, in all cases, been promptly supplied. The Committee desire to acknowledge the courtesy and attention with which their communications to Government Departments or Municipal Authorities have invariably been received, also cordially to thank the Manchester Press for the readiness with which they have co-operated with the Association by giving publicity to its memorials, statistics, &c., as well as the several friends who have assisted in inquiries, &c.

It is much to be regretted that an Association of ^{Finance.} such importance and usefulness should meet with such scanty support from the public. It is quite impossible with an income of less than £160 a year, to carry out all the work which the Association has laid out for itself. The work undertaken by the Society is done in a quiet and modest way, but the community at large derive great benefit from their labours, and it is to be hoped that the public will show their appreciation by contributing more liberally towards the expenses of the Association.

Vital
Statistics.

Tables of Vital Statistics of Manchester and Salford in 1883, compiled from the Official Reports by the Secretary, Mr. Fred Scott, with comments by Dr. A. Samelson, is to be found in the Appendix (K).

Programme
of Work
for 1884.

The following are among the subjects to which the Committee intend devoting attention in the course of the year 1884 :—

THE MANCHESTER BUILDING BYE-LAWS—The Manchester Health Reports—Provision of Receiving Houses for cases of Zymotic Disease in Children.

The Tenure of the Appointment of Medical Officer of Health.

The Returns of the Registrar-General—A Quinquennial Census—Uncertified Deaths.

Intemperance and the Public Health—Offensive Trades—Patent Medicines.

Summer Diarrhœa — Rickets.

Country and Seaside Holidays for Poor Town Children — Playgrounds and Open-Air School Festivals.

Health Teaching in Elementary Schools.

Prevention of the Spread of Infection.

Recreation for the People.

The Condition of the Irwell—The Manchester Ship Canal.

APPENDIX.

A—INSPECTION OF BAKEHOUSES.

TO THE RIGHT HON. SIR CHARLES DILKE, BART., PRESIDENT OF THE LOCAL
GOVERNMENT BOARD.

The Memorial of the Manchester and Salford Sanitary Association

Respectfully Sheweth,—That your memorialists are a body of gentlemen associated for the promotion of the public health.

That they have been engaged in the investigation of the question of food supply, and have learned that grave abuses prevail in connection with the management of bakehouses.

That the inspection has, under the Factories and Workshops Act, been transferred from the Local authorities to the Government factory inspectors.

That the Officials have ample occupation in the inspection of ordinary mills and workshops other than bakehouses, and that, consequently, there is no systematic inspection of such places.

That your memorialists strongly approve of the rules suggested by Alexander Redgrave, Esq., C.E., chief inspector of factories and workshops, in his report for the year ending October 31st, 1883, which, together with some additions, are subjoined :—

1. That the control over the construction of bakehouses and the maintenance of them in a healthy condition, be placed in the hands of local authorities.
2. That no bakehouses shall be permitted to exist without a license, which shall be annually renewed.
3. That no new bakehouses be opened until notice has been given to, and license received from the local authority.
4. That, after a date to be specified, no bakehouse shall be licensed which has its ceiling less than three feet above the level of the roadway or footpath.
5. That no watercloset, &c., be within or communicate directly with the bakehouse.
6. That the cistern to supply the bakehouse be separate from the cistern supplying the watercloset.
7. That the opening to any drain shall be within the bakehouse.

8. That there shall be proper provision for ventilation, arranged to the satisfaction of the local authority.

9. That periodical inspection of bakehouses shall be made with corresponding entries in a book, and that power be given to magistrates to inflict a definite fine upon infraction of the regulations.

Your memorialists therefore earnestly pray that you will introduce a Bill to the House of Commons with the object of transferring the control of bakehouses to the local sanitary authorities, and to stipulate for such rules as are herein specified.

And your memorialists will ever pray, &c.

Signed on behalf of the Manchester and Salford Sanitary Association,

ARTHUR RANSOME, M.D., MA., Chairman.

A. EMRYS-JONES, M.D., M.R.C.S., Hon. Sec.

FRED. SCOTT, Secretary.

100, King Street, Manchester, May 12th, 1883.

B—LICENSING OF MIDWIVES.

TO THE HONOURABLE THE COMMONS OF THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND, IN PARLIAMENT ASSEMBLED.

The Petition of the Manchester and Salford Sanitary Association

Humbly Sheweth,—That your petitioners are a body of professional men, merchants, bankers, and others interested in the preservation of public health.

That in view of the facts disclosed in the course of the recent trial of a midwife at Sheffield for inflicting grievous bodily harm, your petitioners are impressed with the necessity of some State regulations for the control of all persons practising midwifery for gain.

Your petitioners, therefore, humbly pray that your honourable House will at an early date take this subject into consideration, and pass a Bill requiring the restriction and examination by competent experts of all persons desiring to practise midwifery for gain, and the registration of such persons as may be found qualified, and that the practise of midwifery for gain by any unregistered person be made illegal, and punishable by fine or imprisonment.

And your petitioners will ever pray, &c.

Signed on behalf of the Manchester and Salford Sanitary Association,

ARTHUR RANSOME, M.D., M.A., Chairman.

A. EMRYS-JONES, M.D., M.R.C.S., Hon. Sec.

FRED. SCOTT, Secretary.

100, King Street, Manchester, May 12th, 1883.

C—INFECTION FROM DEAD BODIES.

(a)•LETTER TO CORPORATIONS.

Manchester and Salford Sanitary Association, 100, King Street, Manchester,
December 28th, 1883.

The Committee of the Manchester and Salford Sanitary Association beg respectfully to submit to the Health Committee of the Corporation of Manchester (Salford) the following suggestions with reference to the danger of infection from bodies of persons who have died from infectious fevers :—

1. That Mortuaries, for the reception of bodies of persons who have died from infectious fevers, should be established in connection with all burial grounds.
2. That there should be a bye-law requiring the removal, within twenty-four hours after death, from the house in which such death has taken place, of the body of any person who has died from an infectious fever.
3. That there should be a bye-law prohibiting the admittance of coffins, containing the bodies of such as have died from infectious fevers, into public buildings, such as churches and chapels.
4. That, in order to insure these bye-laws being carried out, it is desirable to make immediate notification to the Health Department of any death from infectious fever compulsory.
5. That in future all new churches and chapels with burial grounds attached should be provided with a proper receptacle for the coffins containing the bodies of the dead, to be placed therein during the funeral service, such space to be separate from the rest of the edifice and open at each end to ensure thorough ventilation.
6. That, in any case of death from infectious fever, such early and safe closure of the coffin should be required as shall by the Health Authority be considered satisfactory, and that the use of handles made of rope passed through holes in the coffin should be prohibited.
7. That the conveyance in a mourning coach or any other public conveyance of the body of any person who has died from infectious fever be strictly prohibited.

Signed on behalf of the Committee,

ARTHUR RANSOME, M.A., M.D., Chairman.

A. EMRYS-JONES, M.D., Hon. Sec.

FRED SCOTT, Secretary.

(b) CIRCULAR TO CLERGY, &C.

Manchester and Salford Sanitary Association, 100, King Street, Manchester.

THE PREVENTION OF INFECTION FROM DEAD BODIES.

The Manchester and Salford Sanitary Association begs respectfully to call the attention of all Clergymen and other Ministers of religion who conduct funeral services to the danger which may arise from the exposure in Churches or Chapels of the coffins containing the bodies of persons that have died from infectious fevers, such practice being strongly conducive to the spread of disease.

December, 1883.

D—PLAYGROUNDS FOR SCHOOL CHILDREN.

(a)

TO THE WORSHIPFUL THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE CITY OF
MANCHESTER.

The Memorial of the Manchester and Salford Sanitary Association

Respectfully Sheweth,—That the Committee of this Association have for some time past had under their consideration the closely-allied subjects of “The Health of the Young” and “The Provision of Playgrounds where needed for Children of School Age.”

That under the present circumstances of ever-growing attendance at our Elementary Schools, and quite irrespective of the warnings preferred in the public debate now pending on “School Work,” the strongest possible incentive obtains for our Health Authorities to attend to the adequate provision, over and above the prohibited one afforded by the public streets, of duly-appointed playgrounds in the open air for children of school age.

That according to the public statement made on the 5th October last, at the Burgess Street School, on behalf of the Manchester School Board, and of which a copy from the columns of the Manchester daily papers is appended (A), only 11 out of their 21 rate-supported schools have any playground at all, whilst the whole area of such amounts to little more than 26,000 square yards, or an average of about one square yard for each child on their books.

That out of the number of upwards of 120 Departments of voluntary schools under Government inspection in Manchester, about one-fourth are likewise unprovided with playgrounds (as is shown by the accompanying register B).

That, moreover, the whole of the existing School Playgrounds, including those attached to the rate-supported Board Schools, and whether in the open air or otherwise, are practically closed against the children before and after school hours.

That, as a striking proof of what provision is unheeded almost as much as it is needed, there are in and near the Deansgate District 3,200 children (as the appended list C shows) attending the seven schools in Peter Street, Lower Mosley Street, St. John's Place, Byrom Street, Tonman Street, Liverpool Road, and Hewitt Street—the two last of which alone are furnished with some underground space for play; that such host of children are debarred the use of any and all of the following spaces, though they are all either within sight or easy reach—viz., the covered Campfield Markets and the Ground of the former Free Library at Campfield, facing St. Mary's and St. Matthew's Schools; St. John's Churchyard; the unoccupied plot facing the County Court and in front of St. John's School; the stone and brick depôts of the Corporation in New Quay Street; and that they have, consequently, except some blind courts, nothing to resort to in their eagerness for play but the dangerous thoroughfares or the mostly confined streets of the district.

That it is the confident hope of your Memorialists that your Worshipful Body, considering and weighing the data presented herein, will bestow adequate attention upon the same, and take such remedial action as is manifestly required in behalf of

the healthy growth of our young townspeople, and the vital interests of the community thereon depending.

And your Memorialists will ever pray, &c.

Signed on behalf of the Manchester and Salford Sanitary Association,

ARTHUR RANSOME, M.D., M.A., Chairman of the Committee.

A. EMRYS-JONES, M.D., Hon. Sec.

FRED SCOTT, Secretary.

100, King Street, Manchester, November 30, 1883.

(b)

TO THE WORSHIPFUL THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE BOROUGH OF SALFORD.

The Memorial of the Manchester and Salford Sanitary Association

Respectfully Sheweth,—That the Committee of this Association have for some time past had under their consideration the closely allied subjects of “The Health of the Young” and “The Provision of Playgrounds where needed for Children of School Age.”

That under the present circumstances of ever-growing attendance at our elementary schools, and quite irrespective of the warnings preferred in the public debate now pending on “School Work,” the strongest possible incentive obtains for our Health Authorities to attend to the adequate provision, over and above the prohibited one afforded by the public streets, of duly appointed playgrounds in the open air for children of school age.

That whilst the schools of Salford, owing in part to the thoughtful generosity of public-spirited citizens, are on the whole—and the Board Schools of the borough more especially—better supplied with playgrounds than those of the City of Manchester, there are yet not far from one-fourth of the Denominational Schools of Salford in that respect entirely unprovided, whilst in a considerable number of schools the accommodation for the purposes of play is either very limited or underground, as is (imperfectly) shown in the accompanying register.

That, moreover, the whole of the existing School Playgrounds, including those attached to the rate-supported Board Schools, and whether in the open air or otherwise, are practically closed against the children before and after school hours, and during all holidays.

That the opening, out of school hours, and under the approved supervision of your police, of existing Playgrounds, appears to your memorialists to be a step calculated in a measure to meet the wants of our youthful learners.

That this Committee confidently hope that, on considering the data herein presented, you will bestow your attention upon the subject, and take such action as

is manifestly required in behalf of the healthy growth of our young townspeople, and the vital interests of the community thereon depending.

And your memorialists will ever pray, &c.

Signed on behalf of the Committee of the Manchester
and Salford Sanitary Association,

ARTHUR RANSOME, M.D., M.A., Chairman.

A. EMRYS-JONES, M.D., Hon. Sec.

FRED SCOTT, Secretary.

100, King Street, Manchester, December 28th, 1883.

(c)

Manchester and Salford Sanitary Association, 100, King Street, Manchester,
December 28th, 1883.

TO THE RIGHT HONOURABLE A. J. MUNDELLA, M.P., &c., THE VICE-PRESIDENT OF
THE COMMITTEE OF COUNCIL ON EDUCATION, WHITEHALL, LONDON.

Sir,—The Committee of the Manchester and Salford Sanitary Association, in the belief that from your known solicitude for the healthy development of the school children of this country no public movement directed to that object will be deemed unworthy of your notice, beg to forward the annexed copy of a memorial presented on the 30th of last month to the Corporation of Manchester, on which occasion they had the support of several of the members of the Manchester School Board, who had been invited to join the deputation.

We are, sir, your obedient servants,

ARTHUR RANSOME, M.D., M.A., Chairman.

A. EMRYS-JONES, Hon. Sec.

FRED SCOTT, Secretary.

(d)

Educational Department, Whitehall, London, S.W.,
January 2nd., 1884.

Sir,—I have the honour to acknowledge the receipt of your letter on the 28th ultimo, addressed to the Vice-President. I am directed to state that the Vice-President has carefully read your memorial. It has long been the policy of the Department to require a playground to be attached to the school, especially to an infant school, and in every case in which loans are made to school boards for the purpose of providing schools the Department always requires that there shall be a playground, although in very crowded town districts the cost of obtaining land for the purpose is often very serious. If there are any schoolhouses now under the jurisdiction of school boards which are without playgrounds, my Lords will have

much pleasure in giving every encouragement to school boards if they propose to supply them.

I have the honour to be, sir, your obedient servant,

(Signed)

P. CUMIN.

F. Scott, Esq., Secretary to the Manchester and Salford Sanitary Association, 100, King Street, Manchester.

E—OPEN SPACES.

TO THE WORSHIPFUL THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE CITY OF MANCHESTER.

The Memorial of the Manchester and Salford Sanitary Association

Respectfully Sheweth,—That from the action of the Corporation of late years, in regard to the provision of Open Spaces within the city, there is every reason to trust that the Council are alive to the urgent necessity, in the interest of the public health, of an early increase of such provision, especially in the more populous and crowded districts.

That in the public address of our late ex-Mayor, on the 9th November, 1881, when entering on the second year of his Mayoralty, the key note was struck of at least a partial solution of the difficulties besetting the endeavours of the Corporation to secure for the population the advantages of Open Spaces. Mr. Alderman (now Sir Thomas) Baker then said: "When I pass All Saints' Church and St. George's Church, Hulme, I inquire of myself why their gates should be kept locked and the public debarred from using the well-gravelled walks. Important sums of money taken from the rates have been spent in levelling these grounds and ornamenting them with trees, yet they are locked up from one Sunday to another, while they might be of great health-giving service to the pent-up population of this great city. The people might be taught to use, without abusing, the privilege of walking in them as they do on the Infirmary flags and in the public parks; and if these grounds were handed over to the Parks Committee, I think that arrangements might be devised by which they might be made to contribute to the health of the people without any interference with the surrounding graves. Interments in them have been almost discontinued, and I see no reason why such large areas should not be supplied with benches, and used, under reasonable regulations, as promenades."

That since the passing of the Metropolitan Spaces Acts of 1871 and 1881, a number of disused burial grounds have there been opened up and laid out as public gardens, while others are intended to be similarly utilised (as appears from the accompanying Report of the Metropolitan Public Garden, Boulevard, and Playground Association).

That in our midst also, as was shown a quarter of a century ago in the case of St. Michael's churchyard, there are a number of burial grounds either entirely disused or but very seldom used for interments, which seem to invite action similar to that taken in the metropolis.

That, furthermore, active measures appear to be most urgently called for in order to prevent spaces in the suburbs, as yet uncovered by buildings, from being absorbed.

That your Memorialists would, for instance, cordially support the proposal broached by Mr. Thos. Newton—viz., that the Birch Fields, in Rusholme, should be

secured and preserved for public recreation; whilst there are yet other very suitable sites which might be pointed out as still available.

And your Memorialists will ever pray, &c.

Signed on behalf of the Manchester and Salford Sanitary Association,

ARTHUR RANSOME, M.D., M.A., Chairman of the Committee.

A. EMRYS-JONES, M.D., Hon. Sec.

FRED SCOTT, Secretary.

100, King Street, Manchester, November 30, 1883.

F—MILK SUPPLY.

TO THE HONOURABLE THE COMMONS OF THE UNITED KINGDOM OF GREAT BRITAIN
AND IRELAND, IN PARLIAMENT ASSEMBLED.

The Petition of the Manchester and Salford Sanitary Association

Humbly Sheweth,—That your petitioners are a voluntary society, consisting of professional men and others, associated for the object of promoting the interests of the public health; that they have for upwards of thirty years devoted their attention, amongst other matters, to the question of food supply, particularly as regards milk; that your petitioners memorialised the Local Government Board in January, 1882, praying for the adoption of such extra measures as it might be within the existing powers of the Board to enforce for the control of the milk supply with a view to the protection of the public from epidemics, the origin and development of which have been so often traced to contaminated milk; that your petitioners have hailed with satisfaction the introduction to your honourable House of the Public Health (Dairies, &c.) Bill, 1883, in which they recognise provisions likely to prove very beneficial.

Your petitioners, therefore, earnestly pray that your honourable House will be pleased to pass the Public Health (Dairies, &c.) Bill during the present session.

And your petitioners will ever pray, &c.

Signed on behalf of the Manchester and Salford Sanitary Association,

ARTHUR RANSOME, M.A., M.D., Chairman.

A. EMRYS-JONES, M.D., Hon. Secretary.

FRED SCOTT, Secretary.

100, King Street, Manchester, August 14, 1883.

G—HOSPITAL ACCOMMODATION FOR INFECTIOUS DISEASES IN CHILDREN.

(a)

TO THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE CITY OF MANCHESTER.

*The Memorial of the Committee of the Manchester and Salford Sanitary Association,
this 14th day of August*

Respectfully Sheweth,—That, as appears from the appended copies of memorials and letters, this Committee has since the year 1865, on numerous occasions, petitioned

and urged the Corporation to provide in such districts of the City, as from the crowded and in every way ill-suited condition of the dwellings therein appear to be most in need of such provision, receiving houses of moderate size for cases of infectious disease among children.

That, since his appointment in 1867, the Medical Officer of Health for the City has in nearly every one of his reports to the Council with unanswerable cogency insisted upon the patent necessity for such local provision in behalf of the young, and chiefly with regard to the incidence of scarlet fever and whooping cough.

That so recently as on the 1st of January, 1881, Mr. J. Leigh reported to your worshipful body as follows: "It is impossible to overcome the spread of scarlet fever and whooping cough but by isolation, and this means the provision of hospitals or the construction of additional wards to hospitals now in existence. In the last three years 984 children died in Manchester of scarlet fever, and 940 from whooping cough—a total of 1,924 from these two diseases alone. Surely any expense is justifiable in an attempt to check such a 'slaughter of the innocents.'"

That in his last report, dated March of the present year, Mr. Leigh shows that, since 86 deaths had occurred among 967 cases of scarlet fever, reported to him between February 4th and November 13th, 1882, upwards of 3,000 cases of that disease, chiefly affecting children, appeared annually to occur in the city, and that "further efforts and provision will be necessary if we must effectually grapple with those forms of infantile disease which especially affect children and add so largely to our rate of mortality."

That there is, practically, no other provision for the reception of children affected with contagious disease but the wards *ad hoc* of the remote Pendlebury Hospital, that of Monsall having, as shown by Mr. Leigh, in 1880 and 1881, received no patients under five years of age, whilst, more recently, it would seem, indeed, to have been the complete absorption of the available space at Pendlebury, which necessitated the admission of a number of children at Monsall, the ungrudging resort to both of which hospitals by the Corporation on behalf of the community is deserving of the warmest recognition.

That among the localities which appear most urgently to call for such local provision as is here prayed for, the districts of Ancoats, Ardwick, Beswick, and St. George's from the towering figures—as shown the other day by Mr. Leigh—of their infantile death-rates (giving, roughly speaking, more than fifty per cent of all deaths in children of five years of age and under) must be allowed to occupy the foremost rank.

That although, as represented by this Committee in 1874, there is nothing in the law to prevent the Corporation from providing, out of the rates, what buildings may be requisite, there seems to be, at present, an opportunity of obtaining the use of hospital premises already existing, and either, as they are, fully adapted, or else without large expenditure adaptable for the purpose in question.

That the recent disclosures concerning the chronic and unrelieved state of abeyance of the ample accommodation for in-patients at the Ardwick and Ancoats Hospital seem to warrant the hope that the authorities of the latter might be willing,

if lawful for them, to assist in the furtherance of the object of such provision as is here advocated.

That, just as in the case of public parks, libraries, baths, open spaces, and gymnasia, such a beginning, even if confined to Ancoats, appears to recommend itself as promising further and similar municipal action and provision in other districts.

That therefore this Committee beg to submit to your worshipful body the proposal to cause negotiations to be opened with the authorities of the Ardwick and Ancoats Hospital with a view to securing accommodation for cases of Scarlet Fever, Whooping Cough, and other infectious disorders affecting childhood.

And your memorialists will ever pray, etc.

Signed on behalf of the Committee of the Manchester and Salford Sanitary Association—

A. SAMELSON, M.D., Chairman.

A. EMBRY-JONES, M.D., Hon. Sec.

FRED SCOTT, Secretary.

100, King Street, Manchester, August 14th, 1883.

(b)

TO THE BOARD OF MANAGEMENT OF THE ARDWICK AND ANCOATS HOSPITAL AND DISPENSARY.

*The Memorial of the Committee of the Manchester and Salford Sanitary Association,
this 14th day of August*

Sheweth,—That they have always looked upon the Ardwick and Ancoats Hospital and Dispensary as a most desirable provision, and entertained the warmest sympathy with its ministrations.

That they have noticed with sincere regret what has appeared to them a strange want of appreciation of its valuable services, on the part of that portion of the public from whom the charity had a right to expect a full measure of support.

That even now they hope and wish that the tide of public favour may turn in the direction of your legitimate desire for adequate financial support of your respected charity in its work and services as a general hospital over and above those of an efficient dispensary.

That, however, having regard to what they believe to be a most important public interest, they have resolved, under existing circumstances, to memorialise the Manchester City Council, to ascertain whether the hospital accommodation at your command may not in a measure be utilised for prevention of the spread of infectious disease.

They beg to forward you herewith copy of their Memorial as addressed to the Corporation, and duly defer to your judgment and decision.

Signed on behalf of the Committee of the Manchester and Salford Sanitary Association—

A. SAMELSON, M.D., Chairman.

A. EMBRY-JONES, M.D., Hon. Sec.

FRED SCOTT, Secretary.

100, King Street, Manchester, August 14th, 1883.

H—TRACT ON THE PREVENTION OF BLINDNESS IN INFANCY.

(Based upon the Directions of the Society for the Prevention of Blindness.)

One of the most frequent causes of blindness is the INFLAMMATION OF THE EYES OF NEW-BORN BABIES. Yet this is a disease which can be entirely prevented by cleanliness, and always cured *if taken in time*.

The essential PRECAUTIONS against the disease are :—

1. *Immediately after the birth of the baby, and before anything else is done*, wipe the eyelids and all parts surrounding the eyes with a soft dry linen rag ; soon afterwards wash these parts with tepid water before any other part is touched.

2. Avoid exposing the baby to cold air ; do not take it into the open air in cold weather ; dress the infant warmly, and cover its head, because cold is also one of the causes of this eye-disease.

WHEN THE DISEASE APPEARS it is easily and at once recognised by the redness, swelling, and heat of the eyelids, and by the discharge of yellowish white matter from the eye. *Immediately* on the appearance of these signs *seek the advice of a medical man* ; but in the meantime proceed at once to keep the eyes as clean as possible by very frequently cleansing away the discharge. *It is the discharge which does the mischief*.

The cleansing of the eye is best done in this way :—

1. Separate the eyelids with the finger and thumb, and wash out the matter by allowing a gentle stream of lukewarm water to run between them from a piece of rag or cotton-wool held two or three inches above the eyes.

2. Then move the eyelids up and down, and from side to side, in a gentle rubbing way, to bring out the matter from below them ; then wipe it or wash it off in the same manner. This cleansing will take three or four minutes, and it is to be repeated *every half hour* at first, and later, if there is less discharge, every hour.

3. THE SAVING OF THE SIGHT DEPENDS ENTIRELY ON THE GREATEST CARE AND ATTENTION TO CLEANLINESS. Small pieces of clean rag are better than a sponge, as each rag is to be used once only, and then burned immediately. Sponges should never be used, except they are burned after each washing.

4. A little *washed* lard should be smeared along the edges of the eyelids occasionally, to prevent them from sticking.

SPECIAL WARNING.

Of all the mistaken practices which ignorance is apt to resort to, none is more ruinous than the use of poultices. Let them be dreaded and shunned as the destroyers of a new-born baby's sight. Tea leaves and sugar of lead lotion are equally conducive to terrible mischief, stopping the way as they do to the only right and proper course to be taken.

I—CHEAP ANALYSIS OF FOOD.

TO THE WORSHIPFUL THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE CITY
OF MANCHESTER.

The Memorial of the Manchester and Salford Sanitary Association

Respectfully Sheweth,—That your memorialists have long taken a deep interest in the questions of the adulteration of food, and the use of poisonous ingredients in such articles as wall papers, &c.

That your memorialists in 1879 approached the Corporation through the Analyst Sub-Committee by a deputation which sought a reduction of the charges to citizens for analyses, with a view to inducing the public to resort more generally to this method of securing pure supplies of food, &c.; and later by a letter of which a copy is appended.

That the Nuisance Committee have as yet been unable to see their way to make any alteration in the system under which analyses are conducted.

Your memorialists submit that the present plan of affording facilities for analysis at small fees through the agency of the Inspectors under the Sale of Food and Drugs Act only, is calculated to benefit the community to a very limited degree as compared with a system of allowing citizens to employ the Analyst direct at small fees, to certify as to the purity or otherwise of articles of food or of domestic use suspected of adulteration or poisoning.

That in the opinion of your memorialists it is not only desirable in the interests of the public health, but as becoming the position of Manchester that the City should possess a laboratory of its own, and that the whole time of the Analyst, or at least that one of his qualified assistants should be occupied thereat.

That citizens should have the privilege of getting not only samples of food and drugs, but other articles, of which a list might be published, analysed at such fees as will be sufficient to prevent abuse of the privilege.

That any objection that might be raised to this plan on the ground that such analyses might be used for trading and advertising purposes, would be met by the plan of granting no certificates (except in special cases).

That the provisions suggested would in no way interfere with the work of the Inspectors under the Sale of Food and Drugs Act, who would still continue to take charge of all prosecutions.

That in the opinion of your memorialists the revenue from the proposed Analytical Department of the Corporation, rendered popular in the manner suggested, and by systematic announcement of the privileges it afforded to the community, would go far towards paying the expenses, leaving, probably, no greater deficiency than the amount now paid to the Analyst for salary and fees, whereas the gain to the community from the greater purity of such articles as milk, groceries, bread, beer, &c. resulting from the proposed action would be very great.

Your memorialists, for these and other reasons, pray that your worshipful body will take into your favourable consideration the proposal to provide a City Laboratory, engage the whole time of the Analyst or one of his properly qualified assistants to attend thereat, and to charge the public the lowest possible fees for the services of such officers.

And your memorialists will ever pray, &c.

ARTHUR RANSOME, M.D., M.A., Chairman.

A. EMRYS-JONES, M.D., Hon. Sec.

FRED SCOTT, Secretary.

100, King Street, Manchester, Dec. 31st, 1883.

K—VITAL STATISTICS OF MANCHESTER

Showing the Deaths, Births, and Cases of Infectious Disease as reported to the two Health Departments
J. Leigh and Dr. Tatham, Medical Officers of Health

MANCHESTER.

DEATHS.															BIRTHS.				Infect. Diseases		
Week Ending	Smallpox.	Measles.	Whoop-Cough	Scarlatina.	Fever.	Diarrhoea.	Disease of Lungs.	Other Causes.	Total.	Under Five Years.	Under One Year.	Rate per 1000 (all ages).	Highest Death-Rate.	Lowest Death-Rate.	Total Births	Rate per 1000.	Highest Birth-Rate.	Lowest Birth-Rate.	Reported by Med. Pract.	Monsall.	Children's.
1883.																					
Jan. 6 ..	2	10	1	6	2	48	102	171	62	34	26.0	B. 32.6	C. 16.1	231	35.1	B. 65.3	Cen. 26.1	45	9	..	
13 ..	2	6	3	3	3	79	87	183	66	32	27.8	A. 32.5	C. 16.1	245	37.3	A. 46.5	C.M. 31.7	24	11	2	
20 ..	3	8	5	..	4	66	108	194	62	34	29.5	A. 43.3	B. 13.0	240	36.5	B. 84.9	C. 28.3	31	10	1	
27 ..	..	11	3	1	2	60	102	179	70	43	27.2	B. 32.6	C.M. 18.7	235	35.7	H. 44.5	B. 26.1	33	5	12
Feb. 3 ..	..	7	2	2	..	72	119	202	79	45	30.7	Cen. 33.6	B. 13.0	235	35.7	Cen. 43.6	C. 18.1	33	5	13
10 ..	1	11	2	1	1	59	93	168	71	40	25.5	S. 29.8	Ar. 11.6	286	43.5	H. 51.1	C.M. 28.9	20	4	2	
17 ..	..	5	3	..	1	67	79	155	54	26	23.6	S. 26.3	B. 6.5	239	36.3	A. 43.3	C.M. 28.0	31	6	4
24 ..	2	6	4	2	2	64	103	183	68	37	27.8	B. 32.6	H. 12.9	267	40.6	B. 52.2	C.M. 28.0	43	17	4	
Mar. 3 ..	2	1	..	1	2	53	106	165	50	27	25.1	A. 28.1	C. 8.0	244	37.1	A. 43.3	C. 20.2	37	11	4	
10 ..	2	6	1	3	2	70	99	183	60	33	27.8	A. 31.4	C. 8.0	187	28.4	B. 45.7	C. 18.7	32	3	2	
17 ..	5	2	5	..	4	82	116	214	79	52	32.5	A & Ar. 40.0	C.M. 14.0	232	35.3	S. 62.4	Cen. 19.9	25	3	3	
24 ..	1	8	3	3	1	82	94	192	66	34	29.2	A. 42.2	C. 12.1	195	29.6	H. 38.1	B. 13.0	27	3	3	
31 ..	7	8	5	..	1	98	129	248	88	47	37.7	A. 42.2	C. 18.1	252	38.3	B. 65.3	C. 32.3	44	9	8	
Total. ..	27	89	37	22	25	900	1337	2437	875	484	Av'ge. 28.5	..	..	3088	Av'ge. 36.1	..	..	425	96	58
April 7 ..	10	8	4	1	2	74	121	220	84	47	33.4	Cen. 36.1	A. 15.0	261	39.7	S. 54.4	B. 26.1	33	11	2	
14 ..	4	6	1	4	1	83	84	183	66	38	27.8	C.M. 27.1	A. 13.3	246	37.4	B. 71.8	C. 22.2	24	9	3	
21 ..	8	10	2	2	1	59	93	175	71	39	26.6	H. 30.9	C.M. 13.0	213	32.4	H. 48.1	C. 12.1	29	..	4	
28 ..	4	7	1	2	4	71	95	184	68	36	27.7	A. 35.7	C. 6.0	239	36.3	B. 52.2	C. 24.2	32	10	3	
May 5 ..	3	3	1	2	1	77	95	182	65	40	27.7	A. 33.5	B. 6.5	205	31.2	H. 40.9	Cen. 22.4	24	4	2	
12 ..	2	8	1	1	3	64	82	161	57	30	24.5	B. 32.6	Cen. 14.9	222	33.8	A. 41.1	C. 23.6	39	..	5	
19 ..	3	2	1	..	2	62	85	155	66	39	23.6	H. 32.6	C. 14.1	161	24.5	C. 44.4	B. 0	20	8	2	
26 ..	4	5	7	2	..	64	96	178	59	29	27.1	H. 28.0	Cen. 16.2	201	44.3	B. 84.9	Ar. 30.0	35	5	..	
June 2 ..	2	8	6	1	2	63	78	160	56	33	24.3	B. 26.1	Ar. 13.3	251	38.2	B. 78.4	Cen. 26.1	42	..	5	
9 ..	2	7	5	..	3	52	73	142	55	29	21.6	H. 28.7	C. 6.0	247	37.6	B. 52.2	C. 22.4	36	19	8	
16 ..	3	9	..	1	7	49	85	154	66	36	23.4	A. 33.5	B. 6.5	242	36.8	S. 44.8	B. 13.0	32	5	7	
23 ..	1	3	6	1	2	51	79	143	57	28	21.7	H. 24.4	B. 6.5	239	36.3	A. 48.7	C.M. 26.1	32	2	2	
30 ..	4	7	2	1	4	56	89	163	57	30	24.8	H. 25.1	Ar. 11.6	236	35.9	S. 45.7	Cen. 18.7	33	6	9	
Total. ..	50	83	37	18	32	825	1155	2200	827	454	Av'ge. 25.7	..	..	3053	Av'ge. 35.7	..	..	411	79	52

A., Ancoats. Ar., Ardwick. B., Beswick. C., Cheetham. Cen., Central. C.M., Chorlton-on-Medlock. H., Hulme. S., St. George's.

ND SALFORD FOR THE YEAR 1883,

d the number of such cases isolated in the hospitals. Compiled from the weekly returns of Mr. Fred Scott, Secretary, 100, King Street.

SALFORD.

DEATHS.														BIRTHS.				Infect. Diseases.		
Week Ending	Smallpox.	Measles.	Whoop Cough	Scarlatina.	Fever.	Diarrhoea.	Diseases of Lungs.	Other Causes.	Total	Under Five Years.	Under One Year.	Rate per 1000 (all ages).	Highest Death Rate.	Lowest Death Rate.	Total Births	Rate per 1000.	Highest Birth Rate.	Lowest Birth Rate.	Private Practitioners.	Wilton Hospital.
Jan. 6 ..	1	2	1	2	1	25	43	75	28	17	20.5	G 32.1	B 12.8	124	34.0	G 45.6	B 24.3	45	7	
13 ..	..	3	..	1	2	21	70	97	33	20	26.6	G 38.9	P 17.6	144	39.5	G 52.4	B 31.4	32	12
20 ..	2	4	..	3	1	28	69	107	48	35	29.3	G 50.7	B 12.8	145	39.8	G 60.8	B 22.8	32	5	
27 ..	1	3	1	2	5	21	62	95	40	24	26.0	P 29.6	B 18.6	132	36.2	R 40.1	P 32.9	27	9	
Feb. 3 ..	2	2	..	4	1	30	41	80	34	21	21.9	R 22.8	P 20.9	144	39.5	B 42.8	P 35.1	33	6	
10 ..	3	3	2	2	..	24	64	98	39	21	26.9	R 33.2	B 20.0	139	38.1	R 44.3	B 31.4	21	..	
17 ..	..	3	2	3	1	24	45	78	32	21	21.4	G 28.7	B 14.3	137	37.6	G 43.9	B 28.5	19	5
24 ..	..	5	1	..	..	16	48	70	36	23	19.2	G 43.9	R 13.1	151	41.4	G 54.1	B 30.0	25	5
Mar. 3 ..	..	3	1	1	1	18	53	77	32	23	21.1	P 25.2	R 17.3	146	40.0	R 50.5	B 30.0	13	2
10 ..	1	3	..	..	1	22	46	73	32	19	20.0	P 25.2	R 15.9	130	35.6	R 41.5	P 26.3	17	6
17 ..	..	3	..	2	1	15	48	69	27	17	18.9	R 24.2	B 8.6	144	39.5	G 52.4	B 27.1	30	9
24 ..	..	2	2	1	1	21	48	75	36	24	20.5	P 24.2	B 8.6	113	31.0	R 33.9	P 26.3	11	4
31 ..	..	5	1	1	2	27	62	98	33	19	26.9	G 32.1	P 19.8	147	40.3	B 42.8	G 35.5	16	4
Total. ..	10	41	11	22	17	292	699	1092	450	284	Av'ge. 23.0	..	..	1796	Av'ge. 37.8	..	..	321	74
April 7 ..	1	3	2	..	1	22	37	66	29	13	18.1	R 24.2	B 10.0	155	42.5	R 49.1	B 28.6	24	10	
14 ..	..	..	2	3	..	18	64	87	33	21	23.8	G 28.7	B 14.3	129	35.4	G 42.3	B 25.7	20	10
21 ..	1	2	1	..	1	19	51	75	30	15	20.5	G 23.7	B 17.6	112	30.7	G 49.0	B 24.3	12	3	
28 ..	..	..	1	..	1	19	66	87	34	20	23.8	G 30.4	B 21.4	126	34.5	P 36.2	B 31.4	15	4
May 5 ..	..	2	..	1	2	11	63	79	31	21	21.6	G 25.3	B 14.3	123	33.7	R 36.7	B 25.7	14	3
12 ..	1	..	1	..	..	19	52	73	21	13	20.0	G 27.0	B 14.3	136	37.3	R 40.8	B 31.8	26	7
19 ..	3	2	..	1	..	15	56	77	33	23	21.1	R & G 27.0	B 8.6	100	27.4	R 36.0	B 15.7	16	1	
26 ..	3	1	..	1	1	22	70	98	44	25	26.9	G 40.6	B 14.3	164	44.9	G 62.5	B 38.6	26	5	
June 2 ..	1	1	..	1	2	10	48	63	35	17	17.3	R 21.4	B 7.1	127	34.8	R 45.0	G 22.0	68	6	
9 ..	3	1	..	..	..	10	53	67	26	20	18.4	G 22.0	P 16.5	120	32.9	G 35.5	B 29.6	28	3
16 ..	..	3	..	1	1	16	48	69	25	13	18.9	G 35.5	B 8.6	140	38.4	G 45.6	B 32.8	28	6
23 ..	1	3	..	..	..	13	47	64	26	18	17.5	R 18.7	B 15.7	168	46.0	G 60.8	B 32.8	30	11
30 ..	..	3	..	3	5	14	51	76	33	21	20.8	G 35.5	B 12.8	131	35.9	R 43.6	P 28.5	39	12
Total. ..	14	21	7	11	14	208	706	981	400	240	Av'ge. 20.6	..	..	1731	Av'ge. 36.5	..	..	346	81

B., Broughton. G., Greengate. P., Pendleton. R., Regent Road.

VITAL STATISTICS—MANCHESTER—*continued.*

DEATHS.														BIRTHS.				Infect. Diseases.			
Week Ending	Smallpox.	Measles.	Whoop.Cough	Scarlatina.	Fever.	Diarrhoea.	Diseases of Lungs.	Other Causes.	Total.	Under Five Years.	Under One Year.	Rate per 1000 (all ages).	Highest Death Rate.	Lowest Death Rate.	Total Births	Rate per 1000.	Highest Birth Rate.	Lowest Birth Rate.	Reported by Med. Pract.	Monsall.	Children's
1883.																					
July 7 ..	2	5	4	1	3	32	70	117	38	17	17.8	C. 24.2	H. 12.9	197	29.9	Ar. 41.6	B. 13.0	44	22		
14 ..	3	6	7	1	18	42	81	158	76	46	24.0	Ar. 23.3	C. 14.1	230	35.0	B. 52.2	Cen. 26.1	45	15		
21 ..	9	2	6	1	12	36	83	149	62	39	22.6	H. 25.8	B. 6.5	222	33.8	B. 65.3	A. 27.0	49	10		
28 ..	4	2	6	3	19	42	85	161	75	51	24.5	S. 28.1	C. 12.1	231	35.1	B. 78.4	Cen. 26.1	51	15		
Aug. 4 ..	3	5	3	2	11	40	76	140	58	29	21.3	A. 26.0	B. 6.5	217	33.0	B. 78.4	C. 18.1	31	18		
11 ..	5	2	6	2	15	47	72	149	57	37	22.6	A. 23.8	B. 6.5	196	29.8	Ar. 36.6	B. 0	35	10		
18 ..	6	5	6	1	20	29	98	165	99	65	25.1	B. 32.6	C. 10.1	222	23.8	S. 43.9	C. 22.2	42	14		
25 ..	2	..	2	1	22	32	89	148	86	59	22.5	S. 30.8	B. 6.5	238	36.2	Cen. 47.3	C.M. 26.1	41	14		
Sept. 1 ..	6	..	9	..	24	46	88	173	86	51	26.3	B. 39.2	C. 12.1	208	31.6	C. 44.4	Ar. 11.6	48	4		
8 ..	4	4	5	1	33	43	86	176	96	69	26.7	H. 29.4	B. 6.5	225	34.2	B. 58.8	C. 26.1	31	12		
15 ..	3	3	4	..	26	40	90	166	87	55	25.2	H. 28.0	C. 14.1	247	37.6	Ar. 84.9	B. 26.2	48	13		
22 ..	2	3	5	2	14	43	77	146	61	34	22.2	Ar. 23.3	S&CM 14.9	225	34.2	H. 39.5	Ar. 23.3	57	27		
29 ..	2	1	3	2	11	49	92	160	68	48	24.3	B. 32.6	C.M. 14.0	223	33.9	Ar. 50.0	C. 22.2	54	40		
Total. ..	51	38	66	17	228	521	1087	2008	949	600	Avg 23.5	..	..	2881	Avg 32.9	..	..	576	214	1
Oct. 6 ..	5	3	5	1	17	47	85	163	80	54	24.8	B. 32.6	H. 18.6	239	36.3	Ar. 53.3	C. 22.2	50	18		
13 ..	5	1	6	1	18	63	78	172	82	40	26.1	A. 30.3	B. 6.5	218	33.1	Ar. 50.0	B. 6.5	60	29	1	
20 ..	4	..	13	1	5	55	83	161	74	43	24.5	B. 32.6	H. 16.5	230	35.0	B. 98.0	C. 14.1	53	15		
27 ..	8	2	12	1	9	67	77	176	78	52	26.7	H. 33.0	Cen. 16.2	224	34.1	B. 65.3	A. 23.3	56	23		
Nov. 3 ..	8	4	5	..	5	54	83	159	79	46	24.2	S. 28.1	C.M. 15.8	239	36.3	B. 71.8	C. 24.2	50	12		
10 ..	6	4	11	2	5	52	92	172	77	47	26.1	H. 28.0	Ar. 11.6	240	36.5	B. 45.7	C.M. 24.3	68	26		
17 ..	11	2	10	2	4	89	91	209	86	47	31.8	A. 37.9	Ar. 20.0	194	29.5	H. 35.9	C. 22.2	49	21		
24 ..	7	4	5	..	4	91	86	197	76	45	29.9	A. 31.4	B. 13.0	231	35.1	B. 65.3	Ar. 21.6	56	17		
Dec. 1 ..	11	2	4	1	4	63	99	184	72	41	28.0	S. 33.4	C. 14.1	217	33.0	H. 36.6	Ar. 26.6	81	32		
8 ..	11	3	5	2	2	60	85	168	68	39	25.5	H. 28.7	Ar. 8.3	228	34.7	S. 43.0	C. 22.2	56	22		
15 ..	13	8	11	1	2	49	101	185	78	32	28.1	A. 32.5	H. 10.7	205	31.2	B. 45.7	Cen. 21.1	59	23		
22 ..	17	1	11	4	3	58	77	171	67	26	26.0	B. 32.6	H. 17.9	219	33.3	Ar. 46.6	S. 30.8	48	24		
29 ..	13	3	4	3	2	45	90	160	76	49	24.3	Cen. 26.1	B. 0	189	28.7	H. 36.6	C.M. 21.5	68	20		
Total. ..	119	37	102	19	80	793	1127	2277	993	561	Avg 26.6	..	..	2873	Avg 33.6	..	..	754	282	4
Grand Total)	247	247	242	76	365	3039	4706	8922	3644	2099	Avg 26.1	..	..	11895	Avg 34.5	..	..	2166	671	21

A., Ancoats. Ar., Ardwick. B., Beswick. C., Cheetham. Cen., Central. C.M., Chorlton-on-Medlock. H., Hulme. S., St. George's.

VITAL STATISTICS—SALFORD—*continued.*

DEATHS.														BIRTHS.				Infect Diseases.		
Week Ending	Smallpox.	Measles.	Whoop.Cough	Scarlatina.	Fever.	Diarrhoea.	Disease of Lungs.	Other Causes.	Total.	Under Five Years.	Under One Year.	Rate per 1000 (all ages).	Highest Death-Rate.	Lowest Death-Rate.	Total Births	Rate per 1000	Highest Birth-Rate.	Lowest Birth-Rate.	Private Practitioners.	Wilton Hospital.
July 7 ..	2	..	..	1	3	7	47	60	30	17	16.4	G 25.3	B 10.0	141	38.7	G 42.3	B 17.1	29	7
14 ..	8	2	1	..	1	17	36	65	27	14	17.8	G 23.7	B 7.1	100	27.4	R 41.5	B 34.3	45	4	
21 ..	3	1	2	2	6	13	51	78	44	28	21.4	G 28.7	B 10.0	113	31.0	G 35.5	B 25.7	23	1	
28 ..	8	1	3	..	5	9	36	62	30	17	17.0	G 27.0	B 4.3	126	34.5	B 40.0	P 30.7	34	5	
Aug. 4 ..	4	1	3	..	7	8	49	72	32	17	19.7	G 25.3	B 7.1	136	37.3	R 42.9	P 30.7	30	5	
11 ..	5	4	2	1	11	14	49	86	43	24	23.6	G 32.1	B 14.3	116	31.8	P 38.4	B 20.0	34	3	
18 ..	2	2	4	1	15	10	51	85	45	31	23.3	G 28.7	B 17.1	154	44.5	G 55.8	R 33.9	27	1	
25 ..	2	..	1	..	14	6	56	79	47	24	21.6	G 30.4	B 18.7	125	34.3	B 41.4	P 29.6	25	6	
Sept. 1 ..	6	1	..	2	26	9	47	91	50	31	24.9	G 32.1	B 12.8	123	33.7	R 40.8	B 20.0	27	5	
8 ..	1	1	..	2	27	12	41	84	52	36	23.0	G 43.9	B 13.2	127	34.8	R 38.0	B 31.4	17	3	
15 ..	4	4	3	2	18	12	52	95	52	34	26.0	G 32.1	B 15.7	128	35.1	P 39.5	B 25.7	29	4	
22 ..	3	..	2	3	10	10	51	79	42	30	21.6	R 28.4	B 18.6	111	30.4	G 43.9	B 22.8	45	7	
29 ..	..	1	1	5	8	11	43	69	32	5	18.9	G 27.0	B 12.8	138	37.8	R 39.4	G 35.5	34	8
Total. ..	48	18	22	19	151	138	609	1005	526	328	Av'ge. 21.1	..	..	1638	Av'ge. 34.7	..	..	399	59
Oct. 6 ..	3	..	4	3	6	11	47	74	36	21	20.3	R 27.0	B 11.4	125	34.3	P 39.5	G 28.7	32	10	
13 ..	2	3	3	2	6	17	65	98	45	22	26.9	G 32.1	P 24.2	146	40.0	R 43.6	P 36.2	37	4	
20 ..	6	1	3	..	3	18	60	91	42	25	24.9	G 32.1	P 16.5	142	38.9	G 45.6	B 30.0	47	9	
27 ..	7	1	4	1	7	24	61	105	62	42	28.8	G 37.2	B 25.2	132	36.2	R 40.1	P 29.6	42	8	
Nov. 3 ..	2	4	7	2	..	28	67	110	60	29	30.1	G 42.3	B 26.3	130	35.6	R 45.0	B 21.4	67	13	
10 ..	6	..	3	1	2	20	49	81	46	20	22.2	R 27.0	B 14.3	125	34.3	B 38.6	G 32.1	37	6	
17 ..	3	2	5	1	1	38	52	102	48	25	28.0	R 35.3	B 14.3	126	34.5	R 42.2	B 24.3	40	6	
24 ..	8	6	1	2	..	33	52	102	46	25	28.0	R 33.2	B 14.3	110	30.1	P 43.9	B 20.0	75	9	
Dec. 1 ..	9	1	3	3	1	29	46	92	47	27	25.2	G 32.1	B 21.4	117	32.1	R 37.4	B 25.7	83	14	
8 ..	7	1	2	1	..	19	33	63	32	12	17.3	G 25.3	B 12.8	112	30.7	R 36.7	B 17.1	120	13	
15 ..	15	2	1	3	..	18	59	98	45	20	26.9	G 33.8	B 15.7	130	35.6	G 45.6	B 22.8	87	10	
22 ..	10	3	5	1	1	16	63	99	48	21	27.1	G 38.9	B 17.1	129	35.4	R 39.4	B 31.4	57	9	
29 ..	6	1	..	1	..	15	37	60	36	15	16.4	G 20.3	B 4.3	89	24.4	B 37.1	R & P 18.7	42	16	
Total. ..	84	25	41	21	27	286	691	1175	593	304	Av'ge. 24.7	..	..	1613	Av'ge. 34.0	..	..	766	127
Grand Total }	156	105	81	73	209	924	2705	4253	1969	1156	Av'ge. 22.3	..	..	6778	Av'ge. 35.7	..	..	1832	341

B. Broughton. G., Greengate. P., Pendleton. R., Regent Road.

The Weekly District Death-Rates in Manchester and Salford
have been as follow:—

1883. Week Ending		MANCHESTER.								SALFORD.			
		Ancoats.	Central.	St. George's.	Hulme.	Chorlton-on-Medlock.	Ardwick.	Cheetham.	Beswick.	Regent Road.	Greengate.	Pendleton.	Broughton.
January	6	30.3	29.9	21.0	21.5	18.7	21.6	16.1	32.6	24.2	32.1	13.2	12.8
	13	32.5	21.1	26.3	25.8	22.4	18.3	16.1	19.6	29.7	38.9	17.6	21.4
	20	43.3	21.1	20.2	19.4	26.1	25.0	28.3	13.0	31.1	50.7	25.2	12.8
	27	29.2	22.4	19.3	22.2	18.7	21.6	30.3	32.6	28.4	23.7	29.6	18.6
February	3	33.5	33.6	29.8	23.7	27.1	13.3	20.2	13.0	22.8	22.0	20.9	21.4
	10	26.0	27.4	29.8	21.5	13.0	11.6	16.1	19.6	33.2	25.3	23.1	20.0
	17	22.7	16.2	26.3	22.2	15.8	10.0	14.1	6.5	24.2	28.7	17.6	14.3
	24	26.0	28.6	27.2	12.9	23.3	20.0	28.3	32.6	13.1	43.9	14.3	17.1
March	3	28.1	16.2	16.7	26.6	15.8	12.6	8.0	26.1	17.3	23.7	25.2	21.4
	10	31.4	31.1	29.8	20.1	17.7	20.0	8.0	26.1	15.9	20.3	25.2	21.4
	17	40.0	28.6	27.2	27.3	14.0	40.0	18.1	32.2	24.2	23.7	15.4	8.6
	24	42.2	12.4	24.6	28.7	20.5	23.3	12.1	32.6	23.5	22.0	24.2	8.6
	31	42.2	32.4	29.0	30.9	28.0	33.3	18.1	32.6	28.4	32.1	19.0	28.6
April	7	30.3	36.1	26.3	29.4	25.2	15.0	22.2	26.1	24.2	15.2	16.5	10.0
	14	23.8	18.7	24.6	24.4	27.1	13.3	16.1	26.1	27.0	28.7	23.1	14.3
	21	29.2	19.9	23.7	30.9	13.0	13.3	20.2	19.6	21.4	23.7	17.6	20.0
	28	35.7	18.7	29.0	24.0	23.3	18.3	6.0	26.1	22.8	30.4	23.1	21.4
May	5	33.5	18.7	29.8	23.7	17.7	13.3	16.1	6.5	22.8	25.3	23.1	14.3
	12	32.5	14.9	18.4	15.8	25.2	18.3	16.1	32.6	22.8	27.0	15.4	14.3
	19	26.0	22.4	17.5	26.6	18.7	15.0	14.1	32.6	27.0	27.0	17.6	8.6
	26	21.6	16.2	18.4	28.0	24.3	23.3	24.2	26.1	27.0	40.6	27.4	14.3
June	2	19.5	18.7	22.8	24.4	15.8	13.3	20.2	26.1	21.4	20.3	16.5	7.1
	9	18.4	16.2	18.4	28.7	13.0	16.6	6.0	19.6	18.7	22.0	16.5	17.1
	16	33.5	29.9	23.7	18.6	9.3	11.6	14.1	6.5	20.1	35.5	14.3	8.6
	23	13.0	21.1	20.2	24.4	15.8	16.6	16.1	6.5	18.7	18.6	16.5	15.7
	30	21.6	16.2	21.0	25.1	18.7	11.6	18.1	13.0	22.8	35.5	14.3	12.8
July	7	15.1	19.9	16.7	12.9	13.0	15.0	24.2	13.0	18.0	25.3	13.2	10.0
	14	21.6	22.4	15.8	20.1	22.4	23.3	14.1	19.6	20.1	23.7	18.7	7.1
	21	18.4	24.9	22.8	25.8	8.4	20.0	10.1	6.5	28.4	28.7	14.3	10.0
	28	26.0	27.0	28.1	15.0	19.6	23.3	12.1	26.1	18.7	27.0	17.6	4.3
August	4	26.0	18.7	22.8	15.0	15.8	21.6	12.1	6.5	22.8	25.3	20.9	7.1
	11	23.8	22.4	21.9	23.7	12.1	10.0	12.1	6.5	24.9	32.1	23.1	14.3
	18	29.2	26.1	23.7	23.0	20.5	15.0	10.1	32.6	22.8	28.7	25.2	17.1
	25	27.0	16.2	30.8	15.8	11.2	21.6	26.2	6.5	18.7	30.4	22.0	20.0
September	1	24.9	23.6	22.8	23.0	14.9	36.6	12.1	39.2	29.0	32.1	23.1	12.8
	8	27.0	21.1	24.6	29.4	25.2	21.6	8.0	6.5	24.2	43.9	13.2	15.7
	15	27.0	19.9	18.4	28.0	23.3	23.3	14.1	26.1	29.7	32.1	24.2	15.7
	22	19.5	21.1	14.9	18.6	14.9	23.3	16.1	19.6	24.2	22.0	19.8	18.6
	29	28.1	18.7	22.8	17.2	14.0	21.6	32.3	32.6	20.1	27.0	16.5	12.8
October	6	26.0	24.9	24.6	18.6	20.5	20.0	20.2	32.6	27.0	25.3	13.2	11.4
	13	30.3	22.4	27.2	25.8	17.7	15.0	16.1	6.5	25.6	32.1	24.2	28.6
	20	27.0	21.1	27.2	16.5	19.6	20.0	18.1	32.6	28.4	32.1	16.5	22.8
	27	27.0	16.2	23.7	33.0	20.5	18.3	20.2	26.1	27.0	37.2	25.2	30.2
November	3	21.6	22.4	28.1	20.1	15.8	23.3	16.1	26.1	26.3	42.3	30.7	27.1
	10	23.8	26.1	21.9	28.0	14.9	11.6	16.1	13.0	27.0	22.0	20.9	14.3
	17	37.9	27.4	29.0	25.1	22.4	20.0	22.2	32.6	35.3	28.7	26.3	14.3
	24	31.4	21.9	30.8	21.5	25.1	23.3	14.1	13.0	33.2	30.4	28.5	14.3
December	1	24.9	27.4	33.4	20.1	23.3	28.3	14.1	19.6	24.9	32.1	24.2	21.4
	8	26.0	23.6	28.1	28.7	15.8	8.3	22.2	26.1	18.7	25.3	13.2	12.8
	15	32.5	28.6	29.0	10.7	20.5	15.0	22.2	13.0	29.0	33.8	27.4	15.7
	22	20.5	29.9	24.6	17.9	21.5	20.0	18.1	32.6	33.2	38.9	17.6	17.1
	29	26.0	26.1	14.9	25.1	23.3	16.6	16.1	0.0	18.7	20.3	19.8	4.1
Average for District		27.6	22.8	24.0	22.8	18.9	19.1	16.9	21.5	24.4	29.1	20.2	15.5
Average for Town..		*21.5								22.3			

* 21.5, against 26.1, including Institution deaths, as on p. 30. In the above table the deaths in houses of the people only seem to be represented.

VITAL STATISTICS OF MANCHESTER AND SALFORD FOR THE YEAR 1883.

REMARKS

By A. SAMELSON, M.D.

The foregoing tables show the number of *DEATHS PER QUARTER AND THE TOTALS FOR THE YEAR* to have been as follow :—

MANCHESTER.

Quarter.	Measles.	Whooping Cough.	Scarlatina.	Fever.	Diarrhoea.	Disease of Lungs.	Other Causes.	Total.	Rate per 1,000.	Under Five Years.	Under One Year.
First	27	89	37	22	25	900	1337	2437	28.5	875	484
Second	50	83	37	18	32	825	1155	2200	25.7	827	454
Third	51	38	66	17	†228	521	1087	2008	23.5	949	600
Fourth	*119	37	102	19	80	793	1127	2277	26.6	993	561
Total	247	247	242	76	365	3039	4706	8922	26.1	3644	2099

SALFORD.

First	10	41	11	22	17	292	699	1092	23.0	450	284
Second	14	21	7	11	14	208	706	981	20.6	400	240
Third	48	18	22	19	†151	138	609	1005	21.1	526	328
Fourth	84	25	41	21	27	286	691	1175	24.7	593	304
Total	156	105	81	73	209	924	2705	4253	22.3	1969	1156

* Exacerbation from third week of November.

† Exacerbation starting in week ended July 14th and terminating by week ended October 13th, whereas, to judge from the totals of deaths, in the third quarter, the incidence of all other diseases, with the sole exception of scarlet fever, was more or less considerably reduced, the result, *in toto*, being for the autumn quarter so relatively moderate a death-rate as 23.5, in striking contrast with those of the second and fourth quarters (26.4 and 26.6) and, especially, that of the first quarter (28.5).

‡ Exacerbation beginning and ending a week later than in Manchester.

The numbers of cases of *INFECTIOUS DISEASE* notified to the Manchester Health Office by Private Practitioners and Poor Law Officers, and from the Monsall and Pendlebury Hospitals, respectively, were :—

MANCHESTER.

Quarter.	Private Practitioners and P.L.O.	Monsall Hospital.	Children's Hospital. Pendlebury.	Total.
First	425	96	58	519
Second	411	79	52	542
Third	576	214	57	847
Fourth	754	282	46	1,082
Total	2,166	671	213	3,050

The numbers of cases of infectious disease notified to the Salford Health Department were :—

SALFORD.

Quarter.	Private Practitioners and P.L.O.	Wilton Hospital.	Total.
First	321	74	395
Second	346	81	427
Third	399	59	458
Fourth	766	127	893
Total	1,832	341	2,173

The number of such cases notified per week by Private Practitioners varied from 20 to 81 in Manchester, from 11 to 120 in Salford; for Monsall they ranged from 0 (three weeks) to 40, for Pendlebury from 0 (seven weeks) to 13, for the Wilton Hospital, Salford, from 0 (one week) to 16.

The proportion of 884 cases reported as having been admitted—at Monsall (671) and at Pendlebury (213)—(supposing them to be all Manchester cases), to the total of 2,166 cases notified by Private Practitioners in the city of Manchester, is like 1 to 2·4. The proportion of cases reported from the Wilton Hospital (341) to the whole of the cases notified by Private Practitioners to the Salford Health Office (1,832) is like 1 to 5·3.

Cases of measles and whooping cough are not required to be notified in Manchester. No death from smallpox appears to have occurred throughout the year in either locality, nor any from diphtheria.

The cases received from the City and Borough in 1883 at the three Hospitals will thus, of necessity, nearly all have been cases of Scarlatina and "Fever." Of these two classes of disease there have altogether, in 1883, died 318 persons belonging to Manchester, where 2,990 cases of such diseases have been notified; *per contra*, 154 Salford people died, while there 2,173 cases were notified, that is to say, there has been for Manchester 1 death corresponding to 9 cases notified, for Salford 1 death to 14 cases. Whatever construction may be, or may have to be, put upon these figures and proportions, it clearly appears that, as it is, we have reason to be thankful for the enactment of compulsory notification.

The highest weekly *DISTRICT DEATH-RATE*, which ranged within the 52 weeks of the year from 23·3 to 43·3 in Manchester, and from 18·7 to 50·7 in Salford, and the lowest, which ranged from 6 to 20·0 in Manchester, and from 4·3 to 25·3 in Salford, occurred in the various registration districts of the two communities as follows :—

MANCHESTER.				SALFORD.			
District.	Highest Death-rate.	Lowest Death-rate.		District.	Highest Death-rate.	Lowest Death-rate.	
Ancoats....	17 times	....	2 times.	Greengate..	37 times	....	0 times.
Hulme	12 "	....	6 "	Regent	11 "	....	5 "
Beswick....	11 "	....	13 "	Pendleton..	4 "	....	9 "
St. George's.	6 "	....	2 "	Broughton .	0 "	....	38 "
Ardwick ..	3 "	....	6 "				
Central	2 "	....	3 "				
Cheetham..	1 "	....	15 "				
Chorlton-on- Medlock }	0 "	....	5 "				

from which it would appear that the most unhealthy districts are Greengate in Salford, and Ancoats in Manchester; and the most healthy, Broughton for Salford, and Cheetham for Manchester.

The following data, as obtained from the Health Departments of the City and of the Borough, concerning the DENSITY of POPULATION in the several districts of Manchester and Salford, will be found far from uninteresting when confronted with the figures of the foregoing record of the occurrence of the highest and lowest death-rates in the various districts:—

POPULATION, AREA, DENSITY OF POPULATION.

MANCHESTER, 1881.

			Density.	
Districts.	Population.		Acres.	Persons per Acre.
Ancoats	47,979	148,795	1,646	= 90.4
Deansgate				
London Road	41,688			
Market Street.				
St. George's	59,128			
Hulme	72,147		477	= 151.2
Chorlton	55,598		647	= 85.9
Ardwick	31,197		508	= 61.4
Cheetham	25,721		919	= 28.0
Beswick	7,957		96	= 82.9
City	341,415		4,293	= 79.5

SALFORD, MIDDLE OF 1883.

Districts.	Population.	Density.	
		Acres.	Persons per Acre.
Regent Road	78,226	1,066	= 73.5
Greengate	30,263	263	= 115.1
Pendleton	49,468	2,415	= 20.5
Broughton	39,183	1,426	= 27.5
Borough	197,140	5,170	= 38.1

In *COMPARING THE MORTALITY*—and by implication, the incidence of disease—in *Manchester* with that in *Salford* in the year 1883, to which year want of space compels us, in the main, to restrict ourselves, we silence our necessary scruples as to the correctness of the population figures, which, in the absence of more reliable information, are at the two Health Offices assigned, respectively, to the City and to the Borough. In the latter the population is considered to be steadily increasing at the rate of the last intercensal decade, that is, from 176,000 in March, 1881, to 197,000 by the middle of 1883; in *Manchester* it is set down as stationary at the figure of the census of March, 1881, i.e., 341,000, to which it was then found to have decreased from the 351,000 of the 1871 census. Not improbably, both figures (i.e., 190,000 for *Salford*, and 341,000 for *Manchester*) are somewhat too high. In that assumption, however, we are certain, at least, that the figures of the death-rate (i.e., 26.1 for *Manchester*, and 22.3 for *Salford*) are not set down too high for either.

From the subjoined juxtaposition of the TOTALS FOR THE YEAR

Deaths.	Measles.	Whooping Cough.	Scarlatina.	Fever.	Diarrhoea.	Disease of Lungs.	Other Causes.	All Causes.	Under Five Years.	Under One Year.	Rate per 1,000 of all ages.
Salford	156	105	81	73	209	924	2,705	4,258	1,969	1,156	22.3
Manchester ..	247	247	242	76	365	3,039	4,706	8,922	3,644	2,099	26.1

we find that *Salford* (with its death-rate of 22.3) appears to have improved upon 1882 (23.2) and more than reverted to the "unprecedentedly low rate" of 1881 (22.5), whilst in *Manchester*, a report on the health of which in 1882 has not been issued, and which in 1881 had a death-rate of 24.8, the rate for 1883 (26.1), with our present lights, has exceeded that of 1881 by 1.3 in the 1,000 of population. This heavy death-toll of *Manchester* appears to be chiefly attributable to the ravages of lung disease (3,039 deaths) showing a loss almost as ten to three when compared with *Salford* (924 deaths). Other points well worthy of attention, in the order as they are here mentioned, are the great preponderance, or at all events, fatality, of scarlatina in *Manchester*, to

which 242 deaths are set down as against 81 in Salford, showing more than three Manchester victims of that dire disease to one in Salford. Whooping cough, also, was disproportionately fatal in Manchester, as appears from the figure of 247 deaths from this malady against 105 in Salford. Over against all this, however, we have the fact, of no small significance, that the whole of the Manchester deaths from "fever" amount to no more than 76, whilst the figure for Salford is no less than 73. The figure for Salford in 1882 was 63, that of the same year for Manchester has not been collectively published; for 1881 the Salford figure was 59, the Manchester, 75.

The facts heretofore presented are not further to be enlarged upon. The following, however, deserves to be quoted from Mr. Leigh's last Report (for 1881) dated March, 1883: "It is probable that in no town in the kingdom do there exist better or more efficient arrangements for the sanitary treatment of infectious disease, whether in sudden outbreaks or in its endemic form; and still, as I have endeavoured to show, further efforts and provisions will be necessary if we must effectually grapple with those forms which especially affect children, and add so largely to our rate of mortality."

And so we conclude this time, perhaps not unfitly, with the following conspectus:—

BIRTHS AND EARLY DEATHS.

	1883.	Manchester.	Salford.
I. Population		341,508	190,455
II. Density (persons per acre).....		79.5	38.1
III. Births		11,895	6,778
IV. Birth-rate.....		34.5	35.7
V. Deaths		8,922	4,253
VI. Deaths of children under 5 years		3,644 (40% of IV.)	1,969 (46% of IV.)
VII. Deaths of infants under 1 year..		2,099	1,156
VIII. Proportion of deaths under 1 year per 1,000 births (see II.)		177	170

P.S.—The production of the complete Table of *WEEKLY DISTRICT DEATH-RATES* (p. 32) has been an after-thought. All the rates exceeding 30 per 1,000 are marked in italics. This detailed table thoroughly confirms the inference drawn before from the prevalent occurrence of the highest weekly death-rate figure in Greengate and Ancoats, and of the lowest in Broughton and Cheetham. The very limited value of a comparison of the death-rates of different towns is strikingly illustrated by the pronounced difference between the death-rate totals of the several registration districts of one and the same town; so we see the death-rate of Greengate (29.1) to be not far from twice as high as that of Broughton (15.5) in the same borough. The counterpart for the City of Manchester is presented by Ancoats (27.6), and Cheetham (16.9). But the Manchester table of Weekly District Death-Rates is apparently constructed on quite a different basis from that of Salford. In the latter the whole of the deaths are given which occurred in the borough during the year, those in institutions being every week referred to the districts to which the deceased respectively belonged; whilst in the case of Manchester only the deaths which took place in the houses of the people appear in the table. A comparison of the several district death-rates with the corresponding figures of the density (p. 35) will be found instructive; but again much more so in regard to Salford, since in the case of Manchester the densities of population in the Ancoats, Central, and St. George's districts, which could not be obtained separately, appear lumped together (90.7), to the disappointment of the seeker for exact information. Else we might probably have found Ancoats as nearly on a par with Greengate as Cheetham is with Broughton. But, however imperfect we are constrained to present the figures for Manchester, a comparison of the death-rates and densities, as they appear in the respective tables, enables us to verify the fact that the two are by no means so closely correlated as they often are rather crudely believed and affirmed to be. And the tables are also useful in variously reminding us that one and the same registration district is often made up of component parts greatly differing from each other in density of population and wholesomeness of habitations. It will be noticed that the weekly death-rates of Broughton and of Cheetham somewhat resemble those of our most favoured suburban Local Board districts, such as Rusholme, Moss Side, &c. It is Greengate and Ancoats, with their nearest neighbours each, which are calling loudest for sustained action on the part of the two Corporations.

TEMPERATURE.										RAINFALL.				WIND.		BAROMETER (7 P.M.)			
Shade Thermo.					Solar Radiator.		Terrestrial Radiator.		Total inches.	No. of wet Days.	Wettest Day.		Prevalent.	Total distance. — Miles.	High-est. In.	Date.	Low-est. In.	Date.	
°	Max.	Min.	°	Date.	°	Max.	°	Date.			°	Date.							Fall. in.
60	10th	8th 27th	81	26th 29th	26	8th	26	8th	22	1st	·63	S.E., S.W., N.E.	3.665	30·517	22nd	29·192	26th		
56	21st	1st	100	25th	27	1st	27	1st	14	11th	·36	N.E., S.E., N.W.	2·533	30·713	23rd	28·834	2nd		
57	4th	24th	—*	—	23	25th	23	25th	9	20th	·43	N.E., N.W.	—*	30·597	2nd	29·267	26th		
62	{ 2nd } { 4th 8th }	1st 25th	107	14th	28	25th	28	25th	5	29th	·72	N.E., N.W.	—*	30·566	6th	29·055	24th		
69·5	25th	10th	124	25th	31	5th	31	5th	10	12th	·24	N.E., N.W.	—*	30·301	16th	29·555	8th		
75	30th	{ 2nd 4th } { 15th 20th }	—*	—	40	16th 22nd	40	16th 22nd	14	26th	1·16	N.W., N.E.	—*	30·421	12th	29·643	7th		
73	8th 9th	28th	128	8th	40	24th 25th	40	24th 25th	18	21st	·89	N.W., S.W.	3·913	30·22	28th	29·426	12th		
79	19th	23rd 24th	—*	—	—	—	—	—	15	9th	1·32	—	—	30·36	22nd	29·66	9th		
75	18th	13th 14th	117	19th	32	24th	32	24th	19	24th	1·12	N.E., N.W.	4·524	30·225	13th	28·661	2nd		
64	10th	31st	—*	—	29	22nd	29	22nd	16	17th	1·14	S.E., S.W., N.W.	4·372	30·478	8th	29·139	17th		
57	28th 29th	13th 14th	—*	—	25	13th	25	13th	15	4th	·74	S.W.	4·343	30·372	14th	29·052	29th		
56	3rd	8th 27th	—*	—	23	8th	23	8th	19	11th	·55	S.W., N.W.	4·544	30·621	25th	29·253	2nd		
79	Aug. 19	March 24	128	July 8	23	Mar. 25 Dec. 8	23	Mar. 25 Dec. 8	176	Aug. 9	1·32	N.E., N.W.	—	30·713	Feb. 23	28·661	Sept. 2		

Cash Account for the year ended December 31st, 1883.

Examined and found correct,
January 23, 1884.
S. L. HELM.

DONATIONS IN FORMER YEARS.

	£	s.	d.
Armistead William, Esq., M.B.	10	0	0
Atherton Miss	50	0	0
A Friend, per Dr. Morgan	50	0	0
A Friend, per T. Turner, Esq.	10	0	0
Barbour Robert, Esq.	10	0	0
Bazley T. Sebastian, Esq.	5	5	0
Binyon Miss, Clifton	5	0	0
Brooks Samuel, Esq.	50	0	0
Callender W. R., Senr., Esq.	10	0	0
Chadwick R., Esq.	20	0	0
Cheetham John, Esq., Stalybridge	5	0	0
Coultate E., Esq.	5	0	0
Ellesmere, The Earl of	5	0	0
Gardner Robert, Esq.	5	5	0
Geldart, Mrs. C., late of Trinity Hall, Cambridge	10	0	0
Gillibrand P., Esq.	5	0	0
Heywood E. S., Esq.	20	0	0
Heywood Oliver, Esq.	15	0	0
Heywood John, Esq.	8	8	0
Heywood James, Esq.	5	5	0
Heywood Sir B., Bart.	5	5	0
Heywood Arthur H., Esq.	5	0	0
Houldsworth Henry, Esq.	10	0	0
Hinmers Wm., Esq.	5	0	0
Halstead Mrs.	5	0	0
Hilton E., Esq.	10	0	0
Jones R. Jennings, Esq.	5	0	0
Jones W. C., Esq.	5	0	0
Manchester, the late Lord Bishop of.	10	0	0
Macintosh Messrs. C., and Co.	5	5	0
Philips H., Esq.	5	0	0
Plant James, Esq.	5	0	0

	£	s.	d.
Potters and Norris, Messrs.	5	5	0
Reiss Fritz, Esq.	5	0	0
Ransome Dr.....	5	0	0
Schofield C. J., Esq., per W. W. Whitaker, Esq.....	10	0	0
Spafford George, Esq.	5	5	0
Schunk, Souchay and Co., Messrs.	5	0	0
Taylor J. E., Esq.....	5	5	0
Todd and Coston, Messrs.	5	0	0
Tootal, Broadhurst, Lee, and Co., Messrs.	5	0	0
Turner J. Aspinall, Esq., M.P.	5	0	0
Watkin W. B., Esq.....	10	0	0
Whitaker W. W., Esq.	5	0	0
Wood W. Rayner, Esq.	5	0	0
Wood G. W. Rayner, Esq., Singleton	5	5	0

DONATIONS, 1883.

Contributions of Affiliated Societies towards joint expenses.....	6	13	6
---	---	----	---

SUBSCRIBERS, 1883.

A Friend ..	0	7	6
Altgeldt H., Esq., Fallowfield ..	0	10	6
Angell John, Esq., F.C.S., &c., 87, Ducie Grove.....	0	10	6
Armitage J. J., Esq., 48, Mosley-street ..	1	1	0
Ashby Dr. H., St. John-street ..	0	10	6
Atkinson Rev. C., 83, Great Clowes-street, Lower Broughton ..	0	5	0
Barbour, Messrs. R., and Brother, Aytoun-street ..	2	2	0
Behrens, Messrs. S. L., and Co., 22, Oxford-street ..	2	2	0
Bellhouse Messrs. Jas. and W., Mynshull Mills, Old Garratt ..	2	2	0
Burrows M. F., Atherton ..	1	1	0
Bolland Thos. J., Esq., Cross-street ..	2	2	0
Brooks William Cunliffe, Esq., M.P., the Bank, King-street.....	2	2	0
Butterworth and Brooks, Messrs., Charlotte-street.....	2	2	0

Carried forward..... £16 18 0

	£	s.	d.
<i>Brought forward</i>	16	18	0
Bank of England, King-street	1	1	0
Bannerman J. A., Esq., 33, York-street	1	1	0
Bellhouse Mrs. T., Green Oaks, Altrincham.....	1	1	0
Binyons, Robinson, and Co., Messrs., St. Ann's Square.....	1	1	0
Boddington, Messrs. H., and Co., Strangeways	1	1	0
Browne Dr. Henry, Heaton Mersey	1	1	0
Barker N., Esq., Rusholme.....	0	10	6
Beechy Rev. St. Vincent, M.A., Newton Heath	0	10	6
Behrens Louis, Esq., 41, Portland-street	0	10	6
Birch P., Esq., M.R.C.S., &c., Cromwell House, Longsight	0	10	6
Booth L., Esq., 28, Faulkner-street	1	1	0
Buckley Dr. S., 2, Stonewall Terrace, Cheetham Hill	0	10	6
Chadwick John, Esq., Great Bridgewater-street.....	3	3	0
Carver, Brothers, and Co., Messrs., 7, Lower Mosley-street	1	1	0
Charlewood H., Esq., St. James's Square.....	1	1	0
Cowlshaw, Nicol, and Co., Messrs., Portland-street	1	1	0
Crossley W. T., Esq., Glenfield, Bowdon	1	1	0
Crawdson A., Esq., 40, Portland-street.....	1	1	0
Crum Walter, and Co., Messrs., Portland-street	1	1	0
Cunliffe and Sons, Messrs., Bond-street, Ardwick	1	1	0
Carlisle, Douglas, and Co., Messrs., Museum-street	1	0	0
Carver William, and Co., Messrs., 15, Mosley-street	1	0	0
Corbett J., Esq., 24, Barton Arcade.....	0	10	6
Dickins Thos., Esq., Edgemoor House, Kersal	1	1	0
Dreschfeld Dr., Oxford-street	1	1	0
Dods, Ker, and Co., Messrs., Albert Square	0	10	0
Emrys-Jones Dr. A., St. John-street.....	0	10	6
Farbridge, Holliday, and Co., Messrs., 57, King-street	1	1	0
Findlater and Mackie Messrs., Bank-street	1	1	0
Frank Ernest, Esq., Aytoun-street	1	1	0
Galloway, Messrs. W. and J., Chester Road, Hulme	2	2	0
Grafton F. W., Esq., M.P., Portland-street.....	2	2	0
Greg Brothers, and Co., Messrs., Booth-street ...	2	2	0
Greg Francis, Esq., Booth-street	2	2	0
<i>Carried forward</i>	£54	11	6

	£	s.	d.
<i>Brought forward</i>	54	11	6
Gaddum and Co., Messrs., South-street	1	1	0
Gaskell, Rev. William, 46, Plymouth Grove	1	1	0
Goldschmidt Philip, Esq., Portland-street	1	1	0
Graham, Messrs. William and Co., 86, Major-street	1	1	0
Hadfield George, Esq., 110, King-street	2	2	0
Helm S. L., Esq., Grove House, Lincoln Grove	2	2	0
Heywood Oliver, Esq., Claremont, Manchester	2	2	0
Heywood John, Esq., Deansgate	2	2	0
Hall, McKerrow and Co., Messrs.....	1	1	0
Harvey A. C., Esq., Chapel Walks	1	1	0
Heinrichsen, Messrs. S. and Co., 34, Queen-street	1	1	0
Horsfall T. C., Esq., Bollin Tower, Alderley Edge	1	1	0
Harrison T., West Hill, Stalybridge	1	1	0
Ireland, Messrs. Alexander and Co., Pall Mall.....	1	1	0
Jones, T. E., Esq., Commercial Buildings, Cross-street.....	1	1	0
Kirkman, W. W., Esq., Solicitor, John Dalton-street.....	1	1	0
Kolp and Co., Messrs., George-street	1	1	0
Kessler William, Esq., 33, Dale-street	1	0	0
Knoop H. L., Esq., 3, Percy Terrace, Moss Lane East	0	10	6
Langworthy Brothers and Co., Messrs., Charlotte-street	1	1	0
Leech Dr., 96, Mosley-street	1	1	0
Leppoc H. J., Esq., Kersal.....	1	1	0
Lund, Edward, Esq., St. John-street, Manchester	1	1	0
Lyon, Lord, and Co., Messrs., David-street	1	1	0
Lacey, Rev. T. A., St. Benedict's Clergy House, Ardwick.....	0	10	0
Macintosh, Messrs. Charles and Co., Cambridge-street	2	2	0
Mather W., Esq., Park Lane, Higher Broughton	2	2	0
M'Connel W., Esq., Brooklands, Prestwich	1	1	0
M'Laren, Messrs. James and Nephew, 18, George-street	2	2	0
Manchester, The Right Rev. the Lord Bishop of	1	1	0
Martin Dr., Shakespere-street, Ardwick	1	1	0
M'Clure, Messrs. John and Son, Cross-street	1	1	0
M'Niven Rev. C. M.....	1	1	0
M'Niven Henry M., Esq.	1	1	0
<i>Carried forward</i>	£96	10	0

	£	s.	d.
<i>Brought forward</i>	96	10	0
Murray Adam, Esq., Hazledene, Kersal	1	1	0
Maccall Dr., Kersal	0	10	6
Nelson John, Esq., Harefield House, near Wilmslow.....	2	2	0
Novelli and Co., Messrs., Chorlton-street.....	2	2	0
Newton John, Esq., Carlton Buildings, Cooper-street	1	1	0
Nield Alfred, Esq., Parker-street	1	1	0
Noble Dr. 258, Oxford Road	1	1	0
Noel Rev. H. A., St. Clements Rectory, Longsight	0	10	6
Owen Dr. S. Holgate, Brooks' Bar.....	0	10	6
Oetling, Flohr, and Co., Messrs., Brazil-street	0	10	6
Philips Herbert, Esq., Sutton, near Macclesfield.....	3	0	0
Peel, Messrs. John and Co., 11, Peel-street, Duke-street	2	2	0
Philips, Messrs. J. N. and Co., Church-street	2	2	0
Parlane James, Esq., J.P., Appleby Lodge, Fallowfield	1	1	0
Peiser J., Esq., J.P., 491, Oxford-street, Manchester.....	1	1	0
Phythian J. E., Chapel Walks, Manchester	0	10	0
Railton, Sons, and Leedham, Messrs., Cross-street.....	2	2	0
Reiss Fritz, Esq., Quay-street	2	2	0
Ralli Brothers, Messrs., Peter-street	1	1	0
Ransome Dr. Arthur, Bowdon	1	1	0
Rocca H. L., Esq., 3, Major-street	1	1	0
Ross Edward, Esq., London Road Station	1	1	0
Ross Malcolm and Co., Messrs., Cromford Court	1	1	0
Ryder T. D., Esq., M.A., 7, St. James's Square	1	1	0
Rylands and Sons, Messrs., New High-street	1	1	0
Robertson Charles, Esq., Alexandra Road	1	1	0
Roscoe Professor, Owens College	1	0	0
Railton Dr., Shakespere Terrace, Old Trafford	0	10	6
Rice J., Esq., Consolidated Bank, King-street.....	0	5	0
Scott Robert, Esq., Denzil, Bowdon.....	2	2	0
Sharp, Stewart, and Co., Limited, Messrs., Atlas Works, Oxford-street.....	2	2	0
Slater W., Esq., Princess-street.....	2	2	0
Steinthal, Messrs. H. M. and Co., Lower Mosley-street	2	2	0
Strines Printing Co., Messrs. The, George-street	2	2	0
Samson and Leppoc, Messrs., St. Peter's Square.....	1	1	0
<i>Carried forward</i>	£142	14	6

	£	s.	d.
<i>Brought forward</i>	142	14	6
Samelson, Dr., 15, St. John-street, Deansgate.....	0	10	6
Schofield Thomas, Esq., Cornbrook	1	1	0
Schuster, Fulda and Co., Messrs., 12, Sackville-street	1	1	0
Sington, Messrs. A. and Co., St. Peter's Square	1	1	0
Simpson Dr., St. Peter's Square	0	10	6
Stowell Rev. Canon, M.A., 27, Crescent, Salford	0	10	0
 Taylor, Garnett and Co., Messrs., Cross-street	2	2	0
Turner W. A., Esq., Brindle Heath, Pendleton	1	1	0
Thorburn Dr., 333, Oxford Road	0	10	6
Trapp S. Clement, Esq., 88, Mosley-street	0	10	0
Tomkins Dr., Monsall Fever Hospital	0	5	0
 Wadkin and King, Messrs. 12, Chepstow-street	1	1	0
Waters, Messrs. J. and E., and Co., York-street	1	1	0
Welsh William, Esq., 4, Little Lever-street.....	1	1	0
Whitaker W. Wilkinson, Esq., Cornbrook	1	1	0
Williams, Messrs. L. and E., Upton-street, London Road	1	1	0
Worthington Thomas, Esq., King-street	1	1	0
Wilkinson T. R., Esq., Manchester and Salford Bank	0	10	6
	158	13	6
Subscriptions paid for 1882	5	15	0
	164	8	6
Less Subscriptions unpaid	6	16	0
	£157	12	6

MANCHESTER AND SALFORD
SANITARY ASSOCIATION.

RULES.

MANCHESTER AND SALFORD SANITARY ASSOCIATION, for diffusing a knowledge and furthering the observance of the Laws of Health among the inhabitants of the City and Borough and neighbourhood.

I.—OBJECTS OF THE ASSOCIATION.

1. To promote attention to Personal and Domestic Cleanliness, Temperance, and the Laws of Health generally.
2. To aid the constituted authorities in the promotion of Sanitary Improvement.

II.—MEANS TO BE EMPLOYED FOR THESE PURPOSES.

3. Visitation of Districts represented to the Committee as requiring special Sanitary enquiry.
4. Familiar and well illustrated Lectures given in School-rooms or elsewhere.
5. The distribution of short Tracts written in plain language, to be given or lent to the poor by Ministers of Religion, School Teachers, and the various Agents of Societies employed in District Visiting.
6. The investigation and discussion of Sanitary questions and the publication of papers.

III.—GOVERNMENT OF THE ASSOCIATION.

7. The Association shall be under the government of a Committee, consisting of not less than twelve members (exclusive of *ex-officio* members), a Treasurer and Deputy Treasurer, and one or more Honorary Secretaries. The Committee to appoint a Chairman, and fill up vacancies arising during the year. Any person to be added to the Committee after the Annual Meeting, shall be proposed and seconded by members of it, at a meeting of the Committee, the election to be proceeded with at the next ensuing meeting, in the circular convening which, notice of the intended election shall be given.

IV. MEMBERS OF THE ASSOCIATION.

8. Subscribers of 5s. a year and upwards, and Donors of £5 and upwards shall be Members of the Association.

V. MEETINGS OF MEMBERS.

9. The Members of the Association shall meet annually in January ; when the Report of the Committees for the past year shall be read, the Committee, a President, Vice-Presidents, and Treasurers elected. The President, Vice-Presidents, and Treasurers to be *ex-officio* Members of the Committee, but invited to Meetings only after special resolution *ad hoc*. A draft of the Annual Report shall be sent to every member of the Committee three clear days' prior to their Meeting for the consideration of such Report.

10. The Chairman shall call a special meeting of the Association, on a requisition stating precisely the object for which such meeting is called, and signed by five members of the Committee.

11. No rule shall be adopted or altered, except at a meeting specially called, nor within fourteen days' previous notice.

VI. THE COMMITTEE.

12. The Committee shall consist of 1st, Members of the Medical Profession ; 2ndly, Ministers of Religion ; and 3rdly, Persons not belonging to either Profession.

13. The five members of the Committee who have attended the least number of meetings during the year shall annually retire, and if less than twelve remain, others be elected in their stead.

14. At the meetings of the Committee, three members shall be a quorum. In the absence of the Chairman the senior member of Committee present shall take the chair.

15. The Committee shall fix their own date for an ordinary monthly meeting.

16. At Committee Meetings, after the regular business is disposed of, and on such other occasions as the Committee may appoint, when the members of the Association shall be invited to be present, the reading of papers and practical suggestions on various sanitary subjects shall be encouraged.

17. When tracts and reports are published by the Committee, the responsibility of wording and contents shall rest with the authors, whose names shall be appended.

VII. SUB-COMMITTEES.

18. A Finance Committee and other Sub-Committees shall be appointed annually by the Committee, to carry out the objects of the Association; the Chairman of each Sub-Committee shall be required to report to the Committee, at the ordinary meeting in every month, the result of the deliberations of the Sub-Committee.

19. Inquiries into the special causes of unhealthiness of certain localities, and other investigations, shall be assigned to individual members of the Committee, or to a Sub-Committee appointed for the purpose.

20. The reports of each Sub-Committee shall be drawn up by their Chairman or any other member selected by them, and shall be presented with the least possible delay.

21. The Chairman and Honorary Secretaries are *ex-officio* members, and are regularly to be apprised of the meetings of all Sub-Committees.

VIII. SECRETARY.

22. The Committee shall appoint and pay a Secretary, whose duty it shall be to make all necessary arrangements in regard to Lectures and Returns, convene the meetings, take and insert the minutes, invoices, inventory, collect the subscriptions, and generally to act under the direction of the Committee, all publications authorised by whom shall be signed "By order."

IX. LECTURES, TRACTS, &c.

23. All Lectures shall be delivered in plain language, and illustrated, if possible, by specimens, models, or drawings.

24. Opportunity for inquiry and conversation shall be afforded after each Lecture.

25. Tracts shall not exceed eight pages, *duodecimo*; they shall be written in plain language, and as much as possible in harmony with the Lectures which may have been previously delivered.

26. Short illustrated placards, containing useful hints, shall, where permission can be obtained, be hung up in mills, workshops, and conspicuous places.

INSPECTION DEPARTMENT.

ENGINEER'S REPORT OF THE WORK OF THE DEPARTMENT FOR THE YEAR 1883.

THE work this year has been very similar in character, though less in extent, than in the preceding year.

Thirty-three premises have been inspected and reported on, and in most cases important sanitary improvements have been effected. This number consists of twenty-four dwelling-houses, three warehouses, one large hospital, and five other premises.

In ten of the inspected premises serious illness, including fatal cases of diphtheria and typhoid fever, had drawn the inmates' attention to the doubtful condition of their houses; but in one of the most serious cases the house proved free from serious defects.

The hospital was but a typical example of what I have seen in several other such institutions; it had leaky and silted up pipe-drains, open joints in many places, a supposed "gully trap" with no bottom to it, and even a soil pipe sewer with brick sides and the natural clay for a bottom. The vent pipes, waste pipes, &c., were also seriously inefficient. It was therefore only what might be expected that the medical staff reported unmistakable symptoms of consequent disease.

This hospital is now thoroughly guarded from sewer emanations, and will probably be, therefore, much more efficient in future.

There are several hospitals in this district which urgently need similar improvement, the cost of which would be quickly repaid by the increased efficiency thus easily attainable; but in these institutions, as in private dwellings, I constantly find less willingness to spend money on preventive than on curative appliances.

I wish to call attention to the increased health attainable by comfortable ventilation of dwelling rooms and bedrooms.

Many persons take my advice on the improvement of their sewers, &c., but are content to spend their evenings in close rooms, the air of which is polluted by numerous gas lights (each equal to four or five persons in its power of vitiating air), and thus the injury resulting from our smoke-laden atmosphere is intensified tenfold.

The same effect, in less degree, is common in the bedrooms, and I can confidently say that though I know many houses thoroughly guarded from sewer emanations, I do not know a single one that possesses the full comfort and advantage of thoroughly good ventilation.

No doubt many are deterred by the supposed cost, when they see the extravagant prices of various patent ventilators; but I have never yet found it needful to recommend the use of any one of these costly things, and am always able to show simple, well-tried means of effective ventilation.

J. CORBETT,

SANITARY ENGINEER.

SERVICES OFFERED.

1. An inspection and written report by the Engineer of the Association, on the Sanitary condition of dwellings or tenements, with specific recommendations, if necessary, as to the improvement of drainage, water supply, and ventilation.

2. A final inspection of any alterations in the sanitary fittings of such dwellings or tenements, which may be carried out according to the advice of the Engineer.

3. The Superintendence by the Engineer, *if desired*, of alterations recommended in his report.

4. An annual inspection, *if desired*, of the same premises, with a report as to their sanitary condition.

NOTE.—*No single inspection of any premises will secure permanent efficiency.*

Methodical inspection from time to time is absolutely necessary as a protection against inevitable decay and accidental disturbance, due to such causes as the gradual stopping of pipes and drains by kitchen grease and rubbish, the corrosion of metal pipes, the fracture of earthenware pipes, or the stopping of ventilating openings by dirt.

5. Occasional supplementary inspection and advice.
6. Inspection of rows of houses, institutions, large works, &c.

CHARGES.

	Inspection Report and Final Inspection.	Superin- tendence of Alterations. (Optional)	Subsequent Annual Inspection.*	Occasional Supplemen- tary Inspection.*
House under £50 rental.....	1 1 0	1 1 0	1 1 0	0 10 6
„ above £50 and under £100...	2 2 0	2 2 0	1 1 0	1 1 0
„ £100 and upwards	3 3 0	3 3 0	1 1 0	1 11 6

Travelling time and expenses extra at the rate of 1s. per mile from the Manchester Exchange.

Works, Institutions, Rows of Houses, &c., £2 2s. per day, and travelling expenses.

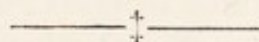
When required, a skilled workman—one, if possible, having a knowledge of the invisible sewers, pipes, &c.—must be provided to assist the Engineer.

* These fees apply to continuous Subscribers only.

The Department wish it to be distinctly understood that they take no cognizance of any work beyond that of Inspection, Reporting, and Superintendence on the part of the Engineer.

The fees (to be paid at the office of the Association, to the Secretary) are, after the sole deduction of office expenses incurred by the Department, apportioned quarterly between the Engineer and Secretary, and absolutely nothing in the way of income is derived therefrom by the Association.

LADIES' BRANCH.



PRESIDENT.

THE LORD BISHOP OF MANCHESTER.

PATRONESSES.

THE COUNTESS OF DERBY.

THE COUNTESS OF ELLESMERE.

HONORARY PRESIDENTS.

Rev. Canon BARDSLEY, M.A.



ARTHUR H. HEYWOOD, Esq.

COMMITTEE.

Miss BILLINGTON.	Mrs. GRAHAM.	Mrs. C. E. SCHWANN.
Mrs. BROWN.	Mrs. HOOKE.	Mrs. SIMMONS.
Mrs. BUTTERWORTH.	Miss HAWORTH.	Mrs. G. STEWART.
Mrs. CLARKE.	Mrs. I. HOYLE.	Mrs. STOTT.
Miss E. CONSTERDINE.	Mrs. KEELING.	Mrs. WILSON STONES.
Mrs. R. DANIEL.	Mrs. LEDWARD.	Mrs. WILKINSON.
Mrs. DOYLE.	Miss LEIGH.	Miss WILKINSON.
Mrs. DUTTON.	Mrs. MARTIN.	Miss WRIGHT.
Mrs. FLETCHER.	Mrs. MUZZELL.	Miss R. WRIGHT.
Mrs. FOARD.	Mrs. E. PHILIPS.	Miss WYNDHAM.
Mrs. SAM GAMBLE.	Mrs. REDFORD.	Miss K. WIGHT.

HONORARY TREASURER.

THOMAS DICKINS, Esq., J.P.

HONORARY SECRETARY.

Mrs. HARDIE, Wrenwood, Higher Broughton.

BANKERS.

MANCHESTER AND SALFORD BANK (St. Ann's Street Branch).

WORKING COMMITTEE.

Districts.

Mrs. CLARKE, Collyhurst Rectory	ST. OSWALD'S, Collyhurst.
Miss HAWORTH, Heywood Street, Cheetham	ST. CATHERINE'S, Newtown.
Mrs. S. GAMBLE, Glengariff, Hilton Lane	ST. GEORGE'S, Oldham Road.
Miss WYNDHAM, Edgemoor House, Kersal	ST. SIMON'S, Salford.
Mrs. DUTTON, Sycamore Cottage, Higher Broughton	SACRED TRINITY, Salford.
Mrs. MUZZELL, St. Mark's, Newton.....	ST. MARK'S, Ancoats.
Mrs. LEDWARD, York Street, Cheetham } Mrs. HARDIE, Wrenwood, Hr. Broughton }	NEW ISLINGTON, Ancoats.
Mrs. STOTT, 1, Pershouse Terrace, Ardwick	ST. JAMES-THE-LESS.
.....	ADELPHI.
Mrs. WILKINSON, Charlton House, Prestwich	BROUGHTON.
Mrs. WALTER BROWN, 97, Withington Rd. Whalley Range.....	LOWER MOSS LANE.
Miss R. WRIGHT, 9, Addison Terrace, Victoria Park.	
Mrs. FOARD, Langdon House, Victoria Park.	
Mrs. REDFORD, 109, Carter Street, Greenheys.	
Mrs. I. HOYLE, The How, Prestwich.	
Mrs. SIMMONS, 139, Great Cheetham Street.	
Mrs. C. E. SCHWANN, Heyscroft, Didsbury.	
Mrs. WILSON STONES, York Terrace, C.R.	
Mrs. FLETCHER, Christ Church Rectory, Bradford-cum-Beswick.	
Mrs. GRAHAM, Endrick House, Singleton Road, Higher Broughton.	

NOTE.—The Mission Woman attached to St. Peter's, Oldham Road, is also partly remunerated by the Society.

The following is a list of the District Visiting Sub-Committee of the Parent Society co-operating with the Ladies' Working Committee:—

Dr. EMRYS-JONES	St. Mark's, Ancoats.
Dr. RANSOME	St. Simon's, Salford.
Mr. P. Birch	New Islington, Ancoats.
Dr. HAMILL.....	Broughton.
Dr. MARTIN	St. George's, Oldham Road.
Dr. OWEN	Lower Moss Lane.
Mr. W. ARMSTRONG	St. Catherine's.
Dr. SAMELSON.....	Sacred Trinity, Salford.
Dr. SCOTT.....	St. James-the-Less, Ancoats.
Dr. TOMKINS	St. Oswald's, Collyhurst.
Dr. BURY	Adelphi.

R E P O R T.

THIS year the Committee is glad to be able to record good results from the work of the past, as is clearly evidenced in the appearance of the people in the different districts, and the improvement in their home surroundings. Of the friendly feeling they show us, and the pleasure it is to go in and out among them, there is no question. The want of sufficient voluntary help is, however, a great drawback. Taking the Mothers' Meetings alone, we have no choice but to have a large membership in each. If, however, we could double the number of our Lady Superintendents, each one having thus a smaller number of members, would be able to gain a closer acquaintance with their circumstances than is possible with the larger gatherings. We would earnestly urge others to come to our help, for what is one lady, or two or three, in the midst of a population of thousands. We do not for a moment ignore all the other good agencies at work, none of which could be spared, but we claim for our own an especially personal and individual influence.

In many cases the attention of the Health Authorities has been drawn to abuses which they have promptly attended to. In others, notably in Newton Heath and certain parts of Ancoats, crying evils

continue to exist. These evils are no doubt aggravated by the filthy habits of the people, and so it becomes a case of action and reaction ; but in the worst places one comes on decent people maintaining an unequal struggle against their surroundings, yet compelled by poverty to live where they do.

A marked contrast to such streets and courts, although close enough to them, is the new playground in Prussia Street. It is so pleasant and healthful a sight that more than once, after hours spent in the neighbourhood, we have been tempted on our homeward way to make a detour, simply to look on the enjoyment of the children. As soon as the swings and see-saws were erected, the boys and girls took to them like ducks to water. Among the various undertakings for the health and recreation of the people, few will exercise so great an influence for so little money, and we trust this successful beginning will encourage the Corporation to go on in the same direction.

A very large amount of carbolic soap, kindly supplied at a cheap rate by Mr. Whiley, has been sold, and many hundredweights of carbolic powder distributed, which the Health Authorities of Manchester and Salford have gratuitously supplied.

In the older districts especially, the teaching has created a demand for clothing suited to our climate, and there is an increase in the clothing clubs of the sale of flannels, blankets, and woollen stuffs generally.

In addition to the teaching at the Mothers'

Meetings, the trips, the concerts, the Christmas entertainments, etc., have all helped to create and keep alive a good feeling, and, maintain some small counter-attraction to the swarming public-houses. There is now a healthy spirit arising among the better class of working people, inclining them both to help themselves in matters of improvement and amusement, and to willingly second all our efforts in the same direction.

In several districts the co-operation of the gentlemen of the District Visiting Sub-Committee has been most valuable, not only by giving lectures on various sanitary subjects, but by visiting and reporting and in various ways strengthening the hands of Ladies and Mission Women.

The attendance at the Meetings of the Working Committee has been good, showing an earnest desire on the part of the Members to bring every good influence they can to bear on their work.

The Mission Women have done their very important share in the work honestly and well, have gained the confidence of the people, and are animated by a worthy *esprit de corps*.

We are glad to take this opportunity of thanking Mrs. Coltart for her gift of £250, less legacy duty, from the estate of the late Jonathan Tong, Esq.

DISTRICT REPORTS.

ST. OSWALD'S DISTRICT, COLLYHURST.

Lady Superintendent—Mrs. CLARKE.

Gentleman Visitor—Dr. TOMKINS.

Mission Woman—Mrs. NICHOLLS.

Mrs. Clarke writes:—

“In this district the work has been carried on as usual. The Visitor is indefatigable and her instructions both to young mothers in regard to their children, also in the nursing of the innumerable cases of scarlet fever and measles which have been so prevalent, have been both appreciated and carried out, and any one who knows how difficult it is to change the habits of our poor neighbours, or rouse them from the groove of inertia in which they exist, would appreciate her power of influence. The mothers' meeting is well attended, the room indeed so full that we propose seeking larger quarters after the Christmas holidays. Mrs. Foard has given excellent addresses on “The Propagation of Fevers,” and on “Drink.” A strong Temperance movement has grown in the district which is certainly bearing fruit. A mothers' trip during the summer, when we went to Bromley Cross, was enjoyed. I can only say how much by saying the women's pleasure was like that of children. Everything was delightful, the place, the weather, their tea, and nothing occurred to mar their enjoyment. They have a tea party once in three months, which seems also to be a great privilege, though readings, and a song or two is all the entertainment provided. I cannot but think that our richer friends, and those who have leisure, if they could only know as we do, the monotonous lives of these people, would surely be more ready to come and help in our districts, organise these little relaxations, and join us in our work. Even the sight and sympathy of a lady friend is a comfort to the poor, and our Association provides a distinct and defined field for work as we are all ready and longing to give over a street or block of buildings to any friend who will undertake to visit it.’

ST. CATHERINE'S DISTRICT.

Lady Superintendent—Miss HAWORTH.*Gentleman Visitor*—Mr. W. ARMSTRONG.*Mission Woman*—Miss LESTER.

Miss Haworth writes :—

“In making a report of Sanitary work done in the parish during the past year, one difficulty presents itself, namely, the ever-changing population, especially in the lower and worst parts of the parish ; so that when good has been effected, women induced to keep their homes and themselves clean and tidy, they want to get into better localities, and in their place we get others as bad or worse than they were.

Still with this discouragement before us, I am pleased to be able to say that there is some improvement. My Mission Woman writes :—“There is a marked improvement in some parts of the district, particularly in those homes where the husband and wife have been persuaded to sign the pledge.

There have been many cases of both Scarlet Fever and Measles, the former have mostly been removed to the Hospital, but there have been many deaths from both diseases.

There has also been a good deal of Bronchitis.

I have sold 13 cwt. of carbolic soap and collected £16 for the Clothing Club, this year”

ST. GEORGE'S DISTRICT, OLDHAM ROAD.

Lady Superintendent—Mrs. S. GAMBLE.*Gentleman Visitor*—Dr. MARTIN.*Mission Woman*—Mrs. LYON.

Mrs. S. A. Gamble reports :—

“It seems to me that however important bare statistics may be in our reports, an idea of the *humanising* influence of our Society is much more so. I will, therefore, dismiss the former in a few words by intimating that the Mission Woman continues

her daily work with increasing assiduity, stimulated by occasional visits from the visiting Doctor, and makes about sixty calls per week. She distributes the powder, sells the carbolic soap, lends Sanitary Tracts, and has many opportunities of giving kindly hints on household management which she frequently finds acted upon.

The Mothers' Meeting averages 55 Members. A most gratifying feature of our Annual Tea was a handsome presentation made by its members to their worthy Rector and his kind wife, Rev. T. J. and Mrs. Bensted, as well as to their active Curate, Rev. G. H. Collier. Never did I see a better illustration of the text "It is more blessed to give than to receive," than the pleasure the transaction afforded the "Mothers." As a proof of how our Meeting is prized I may mention that one of our young Members (whose Mother also when alive was on our books) had to remove to St. Helens in order to be with her husband who had found employment there, but after two or three months' absence she returned declaring she could not stay in it, because there was no Meeting, and the women who never went to one were so different from those who did, that she dare not live amongst them lest she should grow like them. We had our first Pic-nic this year, and by the kind permission of Lord Wilton's Agent and Gardener had not only a drive through Heaton Park, but a walk in the Gardens. After Tea, Prebendary Macdonald gave us a nice homely address, and as the women separated they declared they had never spent a more enjoyable day, some not having been in the country for ten years."

ST. SIMON'S DISTRICT, SALFORD.

Lady Superintendent—Miss WYNDHAM.

Gentleman Visitor—Dr. RANSOME.

Mission Woman—Mrs. FARRER.

Miss Wyndham writes:—

"I am glad to be able to speak satisfactorily of the progress of the Sanitary work in this Parish. Our Mothers' Meeting is now so

large that the room the Rector kindly lends will hardly accommodate us. Our various organizations for saving and thrift are each year better appreciated. Mr. Kirkman, from his garden in Altrincham, has supplied us all the summer with fresh flowers, a nosegay of which the women in St. Simon's highly prize. I mention this in the hope that others may be willing to follow so good an example by sending flowers into some of the numerous districts connected with this Association.

Our little Quarterly Afternoon Concerts still give great pleasure and afford an opportunity for ladies who help with their gifts and their sympathy of seeing something of the people who are recipients of their practical kindness. This year Mrs. Grafton paid us a visit and the women were naturally pleased to see a lady who had made them so many serviceable gifts, and showed it by a right hearty Lancashire welcome. I am each year more impressed by the desire shewn to help, and the pleasure derived from helping in any work for the amelioration and gratification of the people."

SACRED TRINITY DISTRICT, SALFORD.

Lady Superintendent—Mrs. DUTTON.

Gentleman Visitor—Dr. SAMELSON.

Mission Woman—Mrs. PILKINGTON,

Mrs. Dutton writes :—

"The work in this District has been carried on regularly during the year. The Mothers' Meeting has rather increased in numbers, and the clothing and blanket fund has been appreciated. We are glad to report some decided Sanitary improvements, thanks to the exertions made by Dr. Samelson. We have had a good deal of Infant mortality from whooping cough and its results, but we have had very little other infectious disease; all cases as soon as we reported, were attended to by the Medical Officer of Health.

The help Miss Wright has rendered has been very great, the people in the large block of houses she has undertaken quite look forward to her visits.

Mrs. Armitage has undertaken another set of Cottages, and the people are quite pleased that a lady will come regularly to see them. We only wish we could enlist the services of other ladies so that each street would be regularly visited once a fortnight at least. Some of our women are greatly interested in window-gardening, and three were most successful prize-takers at the flower shows held in Salford. Many of the homes that looked so dilapidated and almost hopeless have greatly changed for the better lately, and the inmates have for some time given up their drinking habits. Mrs. Foard and Miss Wright have kindly given us Sanitary Lectures which were enjoyed by our poor women. A large quantity of disinfecting powder has been given away and soap has been sold. A friend kindly gave about eighty of our men and women a Tea, the beginning of the year. A Christmas Tree and Recitations followed and this Social Evening was greatly enjoyed by the invited guests."

ST. MARK'S DISTRICT, ANCOATS.

Lady Superintendent—Mrs. MUZZELL.

Gentleman Visitor—Dr. EMRYS-JONES.

Mission Woman—Miss RUSHWORTH,

Mrs. H. Muzzell writes:—

"The work of the Mission Woman in this district is prosecuted with unflagging energy and devotion. When it is remembered that this is one of the poorest districts of Manchester, that the people are all without exception absolutely poor, and that there are numerous cases of appalling distress and most pinching poverty, it will be conceived that the work in which Miss Rushworth is engaged requires much energy, tact, and persevering patience. For many weeks past we have had an epidemic of Scarlet fever in the district, and had it not been for the timely visits, and the free distribution of the disinfecting powder, the ravages of the terrible disease must have been more prevalent and alarming. Notwith-

standing the systematic visits of the Sanitary Woman, too many of our houses are unworthy the name of home, and the intemperate habits of the drunkard, breeding carelessness in his heart, indifference in the wife, and dirt and filth in the abode, find ample employment for Sanitary work. It has specially been the object of the Mission Woman to try and prevail upon such to make their homes pure and clean and comfortable. The people on the whole receive Miss Rushworth very warmly, and speak in terms of heartiest approval of her visits. The Mothers' Class is much as last year, and we are hopeful that it is doing an unostentatious and good work. No lady has yet taken so deep an interest in her fellow-sisters, in this part of Manchester, as to come and aid in conducting the Class. The Members of the Class would only be too grateful, and I should feel most thankful, if some ladies would occasionally come to encourage, cheer, and assist."

NEW ISLINGTON DISTRICT.

Ladies Superintendent—MRS. LEDWARD.

MRS. HARDIE.

Gentleman Visitor—MR. P. BIRCH.

Mission Woman—MRS. CAIN.

"The Mothers' Meeting keeps up well, there are 65 names on the book and an average attendance of 45, absences are generally to be accounted for by illness, or the mothers getting a day's work. The Savings Bank prospers, and the Clothing and Blanket Clubs have been very successful. We have had several Health Lectures from Miss R. Wright and Mr. Birch, the latter being generally given in the evenings after work, when the men were able to attend. One gratifying result of our efforts we should mention, the young mothers have given up feeding their infants on spoon meat. A kindly feeling prevails, and when a case of sickness or want occurs, the other members are ready with their mite, or help as best they can.

The little Club has become an institution in the neighbourhood and a centre of good influences. Last January the Members got a Coffee Urn established, which proved a benefit and attraction in the cold winter days; so much so that the membership soon outstripped the accommodation. About Easter they held a little sale to raise funds to enable them to enlarge the place. A sum of £35 was realised, but on examination it was not considered advisable to enlarge the present premises, and others suitable have not yet been found. So they and we are almost crowded out.

Thanks to the kindness of friends we have at last procured a piano, which has already been a source of pleasure, and from which we anticipate many future hours of innocent enjoyment.

A red letter day in our small annals was Bank holiday in August, for then our trip to the country came off. About thirty men joined it, and in all we were a hundred and two, without counting babies, who no doubt made up our number to half as many more. In a pour of rain we started from Victoria Station, and in a still heavier descended at Adlington. But we were superior to weather, as one of the men said we were neither sugar nor salt that we should melt. Here we were met by two carts sent by the good friends who took care of us for the rest of the day. This conveyed the weaker members to Rivington, whilst the men, and those who could walk, were guided across the fields. And whilst we were on the way, first the rain stopped, then the sky grew lighter and at last the sun shone out and our troubles were over. A fire awaited any who were wet, and milk and buns were ready for all in a comfortable school room. After discussing these, we scattered all about; many ascended the Pike, and some of the men took to cricket in a field lent for the purpose, whilst their wives and children sat and looked on. In the afternoon we sat down to a substantial tea, to which ample justice was done after the hours spent in the fresh sweet hill side air.

Soon after we set out on our return to the station; there, while we waited for our train, a dance was improvised to the strains of an accordeon. Soon we were on our way back to the smoky town, and the hills and the fields faded from our view.

We take this opportunity of thanking the kind friends at Rivington, who by their active co-operation, enabled us to have this pleasant day, and whose sympathy and kindness added grace to the comforts and benefits they bestowed on us. May other dwellers in the country be moved to do as much for their less fortunate brothers and sisters of smoky Manchester."

ST. JAMES THE LESS DISTRICT.

Lady Superintendent—Mrs. STOTT.

Gentleman Visitor—Dr. SCOTT.

Mission Woman—Mrs. DALBY.

Mrs. Stott reports:—

"The work in the District is going on satisfactorily. A decided improvement can be seen in some of the houses, although there are still many dreadful places as shown in the report of our valued Referee, Dr. Scott, of Ardwick. We receive great help in our work from the Ardwick and Ancoats Nurses for the Sick Poor. They are always willing, on the shortest notice, to give their invaluable services in cases where good nursing is most important, and we have daily experience of their work and how the poor are beginning to appreciate it. From the Dispensary in Mill Street our Mission Woman has had good advice and often immediate help. The Mothers' Meeting increases in numbers and we have opened a Penny Bank in connection with the Manchester and Salford Savings Bank. We are still much hindered in our work for want of Schools. 10½ cwt. of the Sanitary soap has been sold and powder distributed freely in the lowest neighbourhoods.

We take this opportunity of expressing our gratitude to Mrs. Sayers, Miss Huntington, and the Ladies of Hope who have so kindly provided the Salary for our Mission Woman.

ADELPHI DISTRICT, SALFORD.

*Lady Superintendent—**Gentleman Visitor—*Dr. BURY.*Mission Woman—*Mrs. HALL.

Mrs. Foard reports :—

“During the past year I have visited many of the cottages in my District. The great enemy to all social advancement among this class of people seems—*Drink*. In nearly every case of disease and poverty that has come under my knowledge drink is the cause. If the people were sober, most of them could obtain regular employment and good wages. In nine cases out of ten, the husband being out of work for weeks, is when carefully sifted found to be owing to a drinking bout, which has caused his employers to discharge him. The sum of Infant mortality in this district is very large, and chiefly attributable to the Mothers working at Mills, together with a most extraordinary neglect of offspring, natural affection appearing to be quite extinguished by poverty and drunken habits.

Both my Mission Woman and myself have received very kind attention from Dr. Tatham in any case of defective Sanitary arrangements brought before him. Dr. Bury has also been very kind in taking two or three urgent cases into the Clinical Hospital, three children who were all in a dying state from neglect of their Mothers! one is at present in the Pendlebury Children's Hospital through his kind aid.

The house accommodation is opposed to every principle of health or morality, back to back houses being the rule and not the exception. I would also suggest that the Salford authorities should agitate for a mortuary in the district, as in many cases I have seen the corpse laid out where the family were sitting.

I am giving a course of Health Lectures to Women and Girls at Rev. J. Henn's Mission Room, in Bootle Street. These have been well attended and as we have a Piano there, and a little Music and Singing follow the Lecture, a pleasant social Evening is gained, which is a bright spot in many of the cheerless lives of my hearers.”

BROUGHTON DISTRICT.

Lady Superintendent—Mrs. WILKINSON.

Gentleman Visitor—Dr. HAMILL.

Mission Woman—Mrs. EMERY.

Mrs. Wilkinson writes :—

“Our Mothers’ Meeting is well attended, and twenty women are paying small weekly sums for blankets. Our Mission Woman is well received wherever she visits, and although only working half time (funds not being available for full employment) these visits average fifty in each week. She is also very regular in her attendance at the weekly Temperance meeting, and she has a cottage meeting held in her own house every Sunday night; she has distributed large quantities of the carbolic powder, being frequently asked for it in the summer months. She has diligently called attention to the advantages of cleanliness and ventilation, reporting many cases where Sanitary arrangements were defective, these complaints receiving prompt attention from the authorities at the Salford Town Hall.

She finds that women with six or eight children rarely take more than one gill of milk per day for the household.

Many times in the week’s report we read the words “This woman drinks.” It is pitiful indeed to know all the sad details of misery and neglect in such homes, and though our Mission Woman tries to lead these poor women to give up the cause of their troubles, we can much more clearly see her influence in keeping others back from the temptations that surround them; we find many homes cleaner, brighter, and altogether improved. She has distributed hundreds of Temperance tracts, has some books to lend, and is frequently sought out in her own home at all hours, by those needing advice, sympathy or encouragement. It is impossible

in a short report to touch upon the interesting details that fill up each week's work, but when reflecting upon all that has been done for the tempted, the young and deserted, the sick and feeble, the widows, the many anxious and weary ones, we feel truly thankful for our earnest, Christian, kind hearted Mission Women; who unite with us in our humble endeavours to follow the exhortation—"As we have opportunity, let us do good unto all."

MOSS SIDE DISTRICT.

Lady Superintendent--Mrs. WALTER BROWN.

Gentleman Visitor--Dr. OWEN.

Mission Woman--Mrs. HOWLETT.

Mrs. W. Brown writes:—

"Through the kindness of two friends interested in this district, we have been enabled to employ a Mission Woman, connected with the Ladies' Sanitary Association. Her labours are much appreciated by the poor people, as in her they have found a friend who can advise and help them in trouble. Dr. Owen's kindly services have been of much value in the case of afflicted ones who are a neverfailing ingredient in such a district. Our weekly Bible class continues, and additional members are being added to it. During the summer we had a trip to Southport, which the women enjoyed immensely. Another pleasing sensation for them to look forward to is their Christmas Party. Little things these look to most of our readers, but sufficient to add a little brightness to lives dwelling very much on the shady side. The Soap and Powder are in great request. During the past few months infectious diseases have not prevailed in the district. The prompt measures adopted in removing cases of scarlet fever as they occurred had the desired effect of preventing its spread."

ST. PETER'S DISTRICT, OLDHAM ROAD.

*Lady Superintendent—**Gentleman Visitor**Mission Woman—*

The Rev. J. G. Stowell writes:—

“I have to report that our Sanitary work has gone on satisfactorily. My Mission Woman tells me there is a prevalent idea amongst mothers that their infants are not satisfied with their natural food and that consequently much suffering is caused by over-feeding with boiled bread. In several cases she has induced mothers to give up the bread and use condensed milk. She has reported several stopped up drains in courts and yards which have invariably been attended to. A large quantity of disinfectant powder has been distributed and about 7 cwt of carbolic soap sold. The black soap manufactured at the Corporation works in Oldham Road and sold at 2½d. per lb. is much appreciated.

I have also to report that I hope in a short time to establish a Mothers' Meeting, consisting in the first instance of the wives of members of a club we have recently organised. The Meeting will be held in the Club-room, the furniture of which is gradually being made by the men themselves. I hope to obtain the services of a Lady-Superintendent for this Meeting and Sanitary Work.”

OBJECTS OF THE BRANCH.

To popularise sanitary knowledge among all classes.

MEANS TO BE EMPLOYED.

Personal visitation of districts represented to the Committee as requiring special attention. This in certain cases supplemented by the employment of Sanitary Mission Women.

The formation in those districts of Mothers' Meetings, where opportunity is given for Health and Sanitary Addresses in plain words, and where this teaching can be followed up and impressed on the women by the ladies who personally know them, and habits of thrift and cleanliness can be encouraged and fostered.

Sanitary Lectures by ladies to visitors among the poor and others.

The distribution of Sanitary books and tracts, and various other agencies, as they may from time to time present themselves.

RULES.

The business of the Association shall be carried on by a Working Committee, consisting of 12 or more ladies, the Lady Superintendents, Lady Lecturers, an Hon. Treasurer and Secretary, and others.

The Working Committee shall meet on the last Wednesday of each month in order to transact business.

At the Committee Meetings four Members shall form a quorum.

No Rule shall be adopted or altered without notice at a previous Meeting.

The General Committee shall consist of Collectors and others working in the cause. Their attendance, and that of all friends, is earnestly requested at the Quarterly Meetings.

Joint Quarterly Meetings, with the Members of the District Visiting Sub-Committee, shall be held to receive reports from the several districts, to examine the Mission Women's books, and to take counsel as to united action.

The friends of the Association shall meet annually in January, when the report of the Committee for the past year shall be read.

The Committee shall in no case incur expenses for which the Society has not the funds.

The salaries shall be paid at the Monthly Meeting.

The accounts shall be balanced and closed at the end of each year.

Lady Superintendents shall be provided for each Sanitary Mission Woman, and as far as possible each Lady Superintendent shall be aided by assistants who will thus, by degrees, be trained to the work.

An attendance at eight out of twelve consecutive meetings of the Working Committee is obligatory on its members and any Lady Superintendent failing in attendance shall be held liable to have the grant to her Mission Woman withdrawn unless satisfactory reasons for absence are given.

The gentlemen visitors are expected to pay a visit to their respective districts at least once in two months and oftener if desired by the Lady Visitor; and that they meet the Ladies' Committee at their Quarterly Meetings to report and consult about the work done in the respective districts.

When a Lady Superintendent desires to fix the time for the gentleman who is her co-visitor to come to her district she must send her Mission Woman to him a few days prior to make the appointment and at the same time the Mission Woman is to leave her book or books with him for examination and to facilitate his work.

No fresh Mission Woman shall be engaged unless three-fourths of her salary is guaranteed, and the remainder can be met by the Society.

Lady Superintendents must send in their Annual Report not later than the 30th November.

RULES AND INSTRUCTIONS FOR THE GUIDANCE OF THE MISSION WOMEN.

The Mission Women must be approved and engaged by the Committee.

They must live in their district.

They must attend the Lectures given by the gentlemen, also the quarterly Health Addresses of the ladies, and must go through the course of instruction considered necessary by the Committee to fit them for their work.

The Mission Women are required to work six hours daily, Saturdays excepted. Each one is required to write a weekly report for her Superintendent.

They must visit from house to house, irrespective of creed or circumstances, in such localities as their Superintendents direct.

They must carry with them the carbolic powder, explain its use, and leave it where it is accepted; direct the attention of those they visit to the evils of bad smell, want of fresh air, impurities of all kinds; give hints to mothers on feeding and clothing their children. Where they find sickness, assist in promoting the comfort of the invalid by personal help, and report such cases to their Superintendent. They must urge the importance of cleanliness, thrift and temperance on all possible occasions. They are desired to get as many as possible to join the Mothers' Meeting of their district, to use all their influence to induce those they visit to attend regularly at their respective places of worship, and to send their children to school.

In their weekly Report they must:—

I. Mention general sanitary state of house visited.

(a) Number of rooms and number of occupants.

(b) Presence of bad smells; if present, are they such as arise from deficient ventilation, or from bad drainage?

(c) State of the walls and floors.

II. Report upon general mode of living especially with regard to personal and general cleanliness

III. Report upon the feeding of children, especially of those under two years old.

- (a) Is the baby nursed by the mother or partly nursed and partly fed by hand? If the latter, state upon what it is fed.

IV. Report upon any case or cases of illness in the house.

- (a) Nature of disease? If contagious when and how supposed to have been contracted?
- (b) How many of the family are affected?
- (c) Is there a doctor in attendance? If so, state how far and in what way you have assisted the people in carrying out his orders with regard to sanitary precautions?

THE MANCHESTER AND SALFORD SANITARY ASSOCIATION.—LADIES' BRANCH.

IN ACCOUNT WITH THOMAS DICKINS, *Treasurer.*

STATEMENT OF RECEIPTS AND EXPENDITURE

Dr. *From December 31st, 1882, to December 31st, 1883.* **Cr.**

1882.—Dec. 31.		1883.—Dec. 31.	
	£ s. d.		£ s. d.
To Balance in Bank.....	23 13 9	By Salaries, Mission Women.....	354 10 8
„ Subscriptions for 1883	379 6 6	„ Printing Reports—2 years	15 6 0
„ Mrs. Foard's Concert, 1882	12 14 6	„ Books and Stationery	2 11 6
„ Mayor of Manchester, 1882-83, Clarke & Marshall's Charity	10 0 0	„ Postages and Cards	3 13 10
„ Mrs. Coltart—Donation *	225 0 0	„ Bank Books	0 15 0
„ Bank Interest	1 12 9	„ Share of Expenses of Meetings M. & S. S. A. ..	2 19 0
* £25 placed to current Account		„ Use of Rooms, 3 years, Y. M. C. A.....	9 0 0
		„ Mrs. Coltart's Donation—Part to Reserve Account, Bank	200 0 0
		„ Balance in Bank	63 11 6
	<u>£652 7 6</u>		<u>£652 7 6</u>

Examined and found correct,

Manchester, January 12th, 1884.

E. ARTHUR LEIGH.

SUBSCRIPTIONS

FROM DECEMBER 31ST, 1882, TO DECEMBER 31ST, 1883.

Collected by Mrs. Graham.

	£	s.	d.		£	s.	d.
Mrs. Clare	2	2	0	Miss Simpson	0	10	0
„ Mc.Connell	2	2	0	Mr. Lilly	0	10	0
Miss Bradford	1	1	0	Miss Withington.....	0	10	0
Mrs. Cottam.....	1	1	0	Mrs. Kenworthy	0	10	0
„ James Gill	1	1	0	„ Kershaw	0	10	0
„ Hodgson	1	1	0	„ J. Renshaw	0	10	0
„ Hilton	1	1	0	Miss Carver	0	10	0
Miss Hilton	1	1	0	Mrs. F. Astbury	0	5	0
Mrs. Ede	1	0	0	„ T. Armstrong.....	0	5	0
„ Chapman.....	1	0	0	„ Clayton	0	5	0
Mrs. Bryan	1	0	0	„ O'Connor	0	5	0
„ Bannerman	1	0	0	„ Parkyn.....	0	5	0
„ T. Johnson	1	0	0	„ G. Griffin.....	0	5	0
Mrs. Graham	1	0	0	„ Maddox	0	5	0
„ Robinson.....	1	0	0	„ Woods	0	5	0
Miss Whitehead	1	0	0	„ Bell	0	5	0
„ Woods	1	0	0	„ Johnson	0	5	0
Miss Hayley.....	0	10	6	„ Sumner	0	5	0
„ Dods.....	0	10	6	„ Sparrow	0	5	0
Mrs. Spurrier	0	10	6	Miss Smith	0	5	0
„ Fryer	0	10	0	„ Thorley	0	5	0
Mrs. Bayley.....	0	10	0	Mr. E. Roylance	0	5	0
„ Underdown.....	0	10	0	„ Hughes	0	5	0
„ Gibb	0	10	0	A Friend	0	2	6
„ W. Hall	0	10	0				
„ O. Robinson	0	10	0				
					£31	14	0

Collected by Mrs. Sam Gamble.

	£	s.	d.		£	s.	d.
Mr. Sam Gamble.....	5	0	0	Mrs. T. Waterhouse	0	10	0
Mrs. Cowlshaw	1	1	0	„ Hibbert (2 years)	0	10	0
Mr. Beckett	1	1	0	Miss Brooke	0	5	0
„ John Railton.....	1	1	0	Mrs. J. Clapham	0	5	0
Mr. D. Mercier.....	1	0	0	„ Beaumont	0	5	0
Mrs. Statham	1	0	0	„ Evan Phillips.....	0	5	0
„ Warburton	0	10	6	„ Harrison	0	5	0
„ John Cooper	0	10	0	„ S. Holland	0	5	0
„ Richard Smith	0	10	0	„ J. Berry	0	5	0
„ Coomer	0	10	0	„ Barton Wright	0	5	0
„ Grant	0	10	0	Proceeds of Concert	6	0	0
„ Tomkies	0	10	0				
„ A. Atkinson	0	10	0				
					£22	13	6

Collected by Miss Billington.

	£	s.	d.		£	s.	d.
Messrs. Joynson	10	0	0	Miss Garside	0	10	0
Mrs. C. Heywood	5	0	0	Mrs. Knowles	0	10	0
„ Fraser	5	0	0	„ Peel	0	5	0
Mr. C. Pooley	5	0	0	„ Bayley	0	5	0
Mr. J. Robinson	2	2	0	„ Greenwood	0	5	0
„ O. Heywood	2	2	0	„ Simon	0	5	0
„ Peter Joynson	2	2	0	„ Twemlow	0	5	0
Mrs. Holdsworth	1	10	0	„ Crook	0	5	0
Bishop of Manchester	1	1	0	Miss Lucy Crook	0	2	6
Miss Boardman	1	1	0	„ Atcherley	0	2	6
Mr. H. Charlewood	1	1	0	„ Paulen	0	2	6
„ Dale	1	1	0	Mr. Bowdon	0	2	6
„ Edmundson	1	1	0	Mrs. Peel (1882)	0	5	0
Countess of Ellesmere	1	0	0	Mr. Bowdon (1882)	0	2	6
Mrs. Reiss	1	0	0				
„ Chippindall	0	10	0				
					£38	18	6

Collected by Miss Wright and the Misses Ledward.

	£	s.	d.		£	s.	d.
Mrs. Sowler	1	1	0	Mrs. E. Midwood	0	5	0
„ Hetherington	1	0	0	Mrs. Dehn	0	5	0
„ Kessler	1	0	0	„ Donner	0	5	0
„ Parlane	1	0	0	„ Horkheimer	0	5	0
Mr. Heilmann	1	0	0	„ Mc. Dougall	0	5	0
„ Davies	1	0	0	„ Moir	0	5	0
Mrs. A. de Bernus	0	10	0	„ E. Salomons	0	5	0
Miss Pershouse	0	10	0	„ Schill	0	5	0
„ Salomons and friends	0	10	0	„ Simpson	0	5	0
Mrs. O. Schneider	0	10	0	Mrs. Wright	0	5	0
„ Midwood	0	10	0	A Friend	0	5	0
Miss Wright	0	10	0	Miss Wood	0	2	6
„ A. Behrens	0	5	0				
Mrs. R. B. Brierley	0	5	0				
					£12	8	6

Collected by Mrs. Brooke Clarke.

	£	s.	d.		£	s.	d.
Mr. H. Philips (1883-84) ...	6	0	0	Mrs. Higgins	1	0	0
„ H. Birley, M.P.	5	0	0	Mr. J. Walton	1	0	0
„ Houldsworth, M.P.	5	0	0	Rev. A. Brooke Clarke	1	0	0
Mrs. Clegg	1	1	0	Mr. A. Ward	0	10	0
Mr. T. H. Birley	1	1	0	Mr. Jonathan Robinson	0	10	0
Mrs. F. Reiss	1	1	0	„ R. Wilson	0	10	0
„ Craven	1	0	0	Mrs. Maberly	0	10	0
„ J. Craven	1	0	0				
Miss Railton	1	0	0				
Mr. W. Berry	1	0	0		£28	3	0

Collected by Mr. E. A. Leigh.

	£	s.	d.		£	s.	d.
Countess of Derby	5	0	0	Mr. E. A. Leigh	1	1	0
Mr. & Mrs. A. H. Heywood	2	2	0		£8	3	0

Collected by Miss Wyndham and Miss Stone.

	£	s.	d.		£	s.	d.
Mr. J. E. Taylor	2	2	0	Messrs. Langworthy Bros...	1	0	0
Colonel Stone	2	2	0	Mrs. Johnson	1	0	0
Messrs. Neill and Sons	2	2	0	Mrs. Leppoc.....	1	0	0
Mr. Walton	2	0	0	Mrs. Whitehead	1	0	0
„ S. Grimshaw	1	1	0	Mr. A. Dickins	0	10	6
Dr. Renaud	1	1	0	Mrs. A. Dickins	0	10	6
„ Braddon.....	1	1	0	Mr. W. O. Jones	0	10	6
Mr. Earle	1	1	0	Rev. J. G. Stowell	0	10	6
Mrs. Chadwick.....	1	1	0	Parish Collection.....	0	10	0
„ Hooke	1	1	0	Miss Charlton	0	10	0
Mr. Cockshott	1	1	0	Mr. Moseley.....	0	10	0
„ Kinch.....	1	1	0	Mrs. W. Renshaw	0	10	0
„ Littlewood	1	1	0	„ Murray	0	10	0
„ Wormald	1	1	0	Mr. Peter Allen	0	10	0
Messrs. Sutton and Stanier.	1	1	0	Mrs. Stowell	0	10	0
„ Kendal, Milne & Co.	1	1	0	Mrs. Jones	0	10	0
Mr. Harling	1	1	0	„ F. Taylor.....	0	10	0
„ Boddington	1	1	0	„ Gell	0	10	0
„ Fisher	1	1	0	„ Fawcett	0	10	0
„ H. B. Jackson.....	1	1	0	„ C. Whitehead.....	0	10	0
Mrs. H. B. Jackson	1	1	0	„ Segrandi	0	10	0
„ F. Jackson	1	1	0	„ Brown	0	10	0
Mrs. Davies Colley	1	1	0	Mr. R. Taylor	0	10	0
Mr. Kirkman	1	1	0	Mrs. J. Murray	0	10	0
Mrs. Birley	1	1	0	„ A. Muir ..	0	5	0
Mr. Elkin Schloss	1	1	0	Mrs. E. Muir ..	0	5	0
„ Pochin	1	1	0	Mr. Page	0	5	0
Messrs. Lockett and Leake.	1	1	0	Mrs. Page.....	0	5	0
Col. O. O. Walker	1	1	0	„ Bayley.....	0	5	0
Mr. George Lord.....	1	1	0	Mr. Baker.....	0	5	0
Mr. Hoffgaard	1	1	0	Mrs. Thos. Cook	0	5	0
Miss Stone	1	1	0	Miss Holt.....	0	5	0
Mr. Worrall	1	1	0	Mrs. Mandley	0	5	0
„ Muirhead ..	1	1	0	„ Mather	0	5	0
Mrs. Addy	1	1	0	„ R. A. Armitage	0	5	0
„ J. D. Young	1	1	0	Miss Prince	0	5	0
„ W. Stuart	1	0	0	Mrs. Ormerod	0	5	0
Mr. W. H. Whitehead	1	0	0				
Mr. Dickins	1	0	0				
Mrs. Dickins	1	0	0				
					£63	5	0

Collected by Mrs. Walter Brown.

	£	s.	d.		£	s.	d.
Mr. Morris	4	17	6	Mrs. Blair.....	0	10	0
Mrs. Dockray	4	17	6	„ Hunter.....	0	5	0
„ Percy Marriott	0	10	0	Mr. Livesley	0	5	0
„ W. H. Worrall	0	10	6	A Friend	0	5	0
„ Aders	0	10	0	Miss Lees	0	5	0
„ D. Bannerman	0	10	0	Mr. Price	0	5	0
Mr. Tarbolton	0	10	0				
Miss J. E. Sharp	0	10	0		£14	19	6
Mrs. Villey	0	10	0				

Collected by Mrs. Hardie and Mrs. Butterworth.

	£	s.	d.		£	s.	d.
Mr. Rowley	5	0	0	Mr. H. Nevile	0	10	0
Mr. E. Schwann	3	0	0	Mrs. Henriques	0	10	0
„ Spence	2	2	0	„ Knowles	0	10	0
„ Baerlein.....	1	10	0	Mr. R. Howarth	0	10	0
Mrs. Bishop.....	1	1	0	„ G. Howarth	0	10	0
Mr. J. C. Edgar	1	1	0	„ C. J. Hurst	0	10	0
„ James Robertson.....	1	1	0	„ H. Jeffries.....	0	10	0
„ C. J. Miller	1	1	0	Mrs. E. Butterworth	0	10	0
Mr. John Robertson	1	1	0	A Friend	0	10	0
Mrs. Dods.....	1	1	0	Johnnie.....	0	5	0
„ Wilson.....	1	1	0	Mrs. W. Johnston	0	5	0
„ James	1	1	0	„ J. Mc.Dougal	0	5	0
„ Fielden	1	0	0	The Misses Wolfenden	0	5	0
Mr. Hatton.....	1	0	0	Mrs. J. Hall	0	5	0
A Friend	1	0	0	„ Carey	0	5	0
Mr. Affleck	1	0	0	„ H. Simon.....	0	5	0
Mrs. Mc.Dougal	1	0	0	„ Halliday	0	5	0
Mr. S. W. Clowes	1	0	0	„ R. E. Lazenby	0	5	0
„ F. Holt	0	10	6	„ A. Smalley	0	5	0
Mrs. Maccall	0	10	0				
„ Hurst	0	10	0				
Miss Hurst	0	10	0				
					£35	0	6

Collected by Miss Haworth.

	£	s.	d.		£	s.	d.
Messrs. Johnson & Hobbs...	1	1	0	Mrs. Armitage.....	1	0	0
Mr. G. Robinson.....	1	1	0	Miss Higgins	1	0	0
Mr. H. Spurrier	1	1	0	Mr. H. Charlton	0	10	6
„ H. Tetlow.....	1	1	0	„ J. Charlton	0	10	6
Mrs. Bentley	1	0	0				
Rev. J. Brook	1	0	0				
					£9	5	0

Collected by Miss E. Consterdine.

	£	s.	d.		£	s.	d.
Misses Consterdine.....	1	6	0	Miss Waterhouse	0	5	0
Mrs. Stoeher	1	1	0	Mrs. J. W. Consterdine.....	0	5	0
„ Schuster	1	1	0	Mrs. Higginbotham	0	5	0
„ Horsfall	1	1	0	„ Friar	0	5	0
Miss Kay	0	10	6	„ Davis	0	5	0
„ Canan	0	10	0	Miss Hutchinson.....	0	5	0
Mrs. Charlewood.....	0	10	0	Capt. Kirwan	0	5	0
„ Consterdine	0	10	0	Mrs. Muir.....	0	5	0
„ Coulborn	0	10	0	„ Pearson	0	5	0
„ Lonsdale	0	10	0	„ Petty	0	5	0
„ Fletcher	0	10	0	„ Ramsbottom	0	5	0
Mr. Waterhouse	0	10	0	Miss C. Bickham.....	0	2	6
„ Holliday	0	10	0	Mrs. Bridge	0	2	6
„ Gaddum.....	0	10	0	„ Redmayne	0	2	6
Rev. W. S. Barnes Slack ...	0	10	0	A Friend	0	2	6
Misses Barnes	0	10	0				
Mrs. Waterhouse	0	7	6				
					£14	2	0

Collected by Mrs. Dutton and Miss K. Wight.

	£	s.	d.		£	s.	d.
A Friend	1	10	0	Mrs. Radford	0	5	0
Mrs. G. Stewart	1	1	0	„ Mead	0	5	0
Mrs. W. Carver	1	1	0	„ Green	0	5	0
„ Nield	1	0	0	„ Spafford	0	5	0
Miss Woods	1	0	0	„ Buckley	0	5	0
Mrs. R. A. Armitage	1	0	0	„ Peel	0	5	0
„ Moorhouse	1	0	0	„ Ogden	0	4	0
„ Eccles	1	0	0	„ C. Stevenson	0	2	6
„ W. Mather	1	0	0	„ Fryer	0	2	6
Sir Joseph Heron	1	0	0	„ Young	0	2	6
Mrs. Dutton.....	0	10	0	„ Lanyon	0	2	6
„ Wilson.....	0	10	0	„ Lord.....	0	2	6
Miss K. Wight	0	10	0	„ Knowles	0	2	6
Mrs. T. B. Foster	0	10	0	„ R. A. Armitage	0	2	6
„ Locock.....	0	10	0	„ Barbour	0	2	6
„ Stanton (don.)	0	10	0				
Miss Jackson	0	5	0				
					£16	11	0

Collected by Miss Huntington.

	£	s.	d.		£	s.	d.
Mrs. Grafton	5	0	0	Mrs. Burton.....	0	5	0
Mrs. Close.....	1	1	0	„ Graves.....	0	5	0
„ Cox	1	1	0	Miss Huntington	0	5	0
„ Hadfield	1	1	0	Mrs. Markendale.....	0	5	0
„ Harrison	1	1	0	Miss Markendale.....	0	5	0
„ C. Illingworth	1	1	0	Mrs. Maybury	0	5	0
„ E. Reiss	1	1	0	„ Robinson.....	0	5	0
„ Vaudrey	1	1	0	<i>Donations.</i>			
„ Winterbottom	1	1	0	Mr. C. Gibbs	1	1	0
„ Woolley	1	1	0	Mrs. G. Peel.....	1	1	0
Mr. Bardsley	1	0	0	A Friend	1	0	0
Mrs. Allmann	0	10	6	Mr. N. Shelmerdine	0	10	6
„ Mortimer Booth.....	0	10	6	The Misses Greenwood	0	10	0
Mrs. T. Knowles	0	10	6	Mrs. Kirkpatrick.....	0	10	0
Mrs. Collman	0	10	0	„ Bardsley	0	5	0
„ Fletcher	0	10	0	„ Gill	0	5	0
„ Hinmers	0	10	0	Miss Marsden	0	5	0
„ Maberly	0	10	0	Mrs. Vaughan	0	5	0
Mr. S. Marsden	0	10	0	Miss Walker.....	0	5	0
Mrs. Pilkington	0	10	0	<i>Collected by Miss Agnew.</i>			
„ Slack	0	10	0	Mr. T. Agnew	1	1	0
„ Shipley	0	10	0	Mrs. T. Agnew	1	1	0
Miss Smith	0	10	0	Miss C. Agnew	0	10	6
Mrs. Vaughan	0	10	0	Miss G. Agnew	0	10	6
„ Walker.....	0	10	0	Miss Ethel Agnew	0	10	6
Miss Binns	0	5	0	Miss A. J. Shiel	0	5	0
Mr. J. Bardsley	0	5	0	Mr. W. L. Agnew (don.) ...	1	12	0
Mrs. Bradford	0	5	0				
Mr. W. L. Bradford	0	5	0		£36	13	6

Collected by Mrs. W. Stones.

	£	s.	d.		£	s.	d.
Mr. Hargreaves	2	2	0	Mr. Woodhead.....	0	5	0
Mr. Howe	1	1	0	„ J. Heywood	0	5	0
Mrs. Howe	0	10	0	„ Whaite	0	4	0
Mrs. Stanley	0	10	0	Mrs. Gilchrist	0	3	0
Mrs. Stanley (don.)	0	10	0	„ Thornton.....	0	2	6
Mrs. Woodcock	0	10	0	„ Booth	0	2	6
Miss Browne	0	10	0	„ Shaw	0	2	6
Mrs. Chas. Galloway	0	10	0	Mr. S. Buckley	0	2	6
„ J. Galloway.....	0	10	0	Mrs. Nicholson	0	2	6
Mr. J. Galloway	0	10	0	„ Luire	0	2	6
Mrs. Benton (don.).....	0	10	0	„ Fox	0	2	6
„ Schmell	0	10	0	„ Goodhand	0	2	6
„ Calverley.....	0	10	0	„ Allen	0	2	6
„ Fitzgerald	0	5	0	„ Sherwood	0	2	6
„ Grantham	0	5	0	„ Parry	0	2	6
„ Hacking	0	5	0	„ Fairweather	0	2	6
Mr. Rippon	0	5	0	A Friend	0	2	6
„ Hodges	0	5	0	A Friend	0	2	6
Mrs. Michaelis.....	0	5	0	Mrs. J. Berry	0	2	0
„ Mulliner	0	5	0				
„ Walkden	0	5	0				
					£13	7	0

Collected by Mrs. Doyle.

	£	s.	d.		£	s.	d.
Mrs. Hoyle	1	1	0	Mrs. Wood	0	10	0
„ Scott.....	1	0	0	„ C. Agnew.....	0	10	0
„ Straus (don.)	0	10	6	„ Shelmerdine	0	10	0
„ R. Straus (don.).....	0	10	6	„ Roberts	0	10	0
„ H. Broadhurst	0	10	0	Mrs. Farrar	0	5	0
„ E. Broadhurst	0	10	0				
„ Barclay	0	10	0				
					£6	17	0

Collected by Mrs. Chadwick.

	£	s.	d.		£	s.	d.
Mrs. Arbuthnot	1	1	0	Mrs. J. J. Armitage	0	10	0
Miss Birley	1	1	0	„ S. Armitage	0	10	0
Mrs. Tootal	0	10	6	„ Shelmerdine	0	5	0
„ Diggles	0	10	0				
„ S. Garnett	0	10	0				
					£4	17	6

Collected by Mrs. J. Lomax.

	£	s.	d.		£	s.	d.
Mrs. Lomax	4	0	0	Miss Lomax.....	1	0	0

Collected by Mrs. Keeling

	£	s.	d.		£	s.	d.
Miss Hawkins	1	1	0	Mrs. Keeling	0	6	0
Mrs. Curtis.....	1	1	0				
					£2	8	0
Mrs. Wilkinson					£10	0	0

N.B.—The Committee Meetings of the Ladies' Branch are held at the Y.M.C.A. Rooms, Peter Street, on the last Wednesday in each month, at 3 p.m.

MANCHESTER AND SALFORD

NOXIOUS VAPOURS ABATEMENT ASSOCIATION.

(In union with the Manchester and Salford Sanitary Association.)

COMMITTEE FOR THE YEAR 1884.

President and Treasurer.

HERBERT PHILIPS, Esq.

Hon. Sec.

FRANCIS GREG, Esq.

Committee.

J. G. COOPER, Esq.

JOSEPH CORBETT, Esq.

C. ESTCOURT, Esq., F.C.S.

OLIVER HEYWOOD, Esq.

H. FLETCHER, Esq.

REV. C. G. K. GILLESPIE, A.K.C.

A. HOPKINSON, Esq., M.A., B.C.L.

T. C. HORSFALL, Esq.

T. JEPSON, Esq.

A. RANSOME, Esq., M.A., M.D.

H. SIMPSON, Esq., M.D.

J. W. SOUTHERN, Esq.

REV. CANON WOODHOUSE, M.A.

Secretary.

MR. FRED. SCOTT, 100, King Street.

REPORT.

THE Committee of the Manchester and Salford Noxious Vapours Abatement Association beg to submit to their subscribers a summary of their proceedings during the year 1883. The work of the Association, depending as it does so largely upon the growth of educated public opinion, is necessarily slow, but the experience of the Committee during the past year has not been without features of a very encouraging character.

THE SMOKE NUISANCE.

It will be remembered that towards the end of 1882 a public meeting was convened by the Association at the Broughton Town Hall for the purpose of obtaining support from residents in Broughton to a memorial to the Town Council, embodying a very moderate request for the abatement of the smoke nuisance. It was evident from the opening of the meeting that a large number of workmen who entered the hall soon after the doors were opened had been sent to defeat the objects of the Association. It was accordingly subsequently resolved to present the memorial for signature at the houses of the ratepayers. This was done, and the names of 426 of the chief householders in Broughton were obtained in a week. The memorial was duly presented to the Mayor by a deputation from the Association, and was referred to the Health Committee. The Salford Council is as yet far from being abreast of Manchester in this matter. The borough contains an area of eight square miles, and yet only a portion of the time of one man is given to the work of inspection. It is hoped that the Salford Health Committee will see that this provision is quite inadequate to give effect to the law. A copy of the memorial is given in the appendix (A). The Committee later in the year employed an inspector of their own for a month, to check the system of inspection carried on by the Salford Health Committee. The result is seen in the table given in the appendix (B).

In Manchester there has been considerable activity on the part of the Nuisance Department in smoke abatement. The inspectors, as shown in the appendix, have kept a close check upon smoke producers, and it may be added that the City Council in the local Act obtained last session secured the power to inflict a continuing fine of £10 per day for offences against their smoke regulations. The Medical Officer of

Health, too (Mr. Leigh), has shown the importance he attaches to the subject in a valuable paper read before the Health and Nuisance Committees. This paper was published in the *Health Journal* and reprinted in pamphlet form. The Committee subscribed for 500 copies, which were sent, accompanied by a circular, to all warehouses and other places where small engines are used in the city. They have further to express their indebtedness to Mr. Leigh for attending a meeting to confer with them. There is, of course, still much room for improvement in Manchester, but the Committee are glad to be able to state that the authorities show much zeal in meeting their obligations.

With a view to ascertaining the prospects of a Bill if introduced by the Association for improving legislation respecting coal-smoke, the Committee issued a circular to the authorities in all the large towns asking whether they would support such a Bill. The replies received were not sufficiently encouraging to induce them to make the effort during the past session, but they will not lose sight of the matter. Public opinion requires more education on the subject.

As one practical mode of effecting the abatement of the smoke nuisance the Committee have taken steps, with a view to the establishment of a Show Room of Smoke Abatement Appliances in Manchester, and a memorial, of which a copy is given in the appendix (C), is now under the consideration of the City Council.

INSPECTION OF CHEMICAL WORKS.

The 19th section of the Alkali, &c., Works Amendment Bill, 1881, provides for the joint engagement by the Local Government Board, and any local authority or combination of local authorities desiring it, of a special inspector for any particular district. The Committee have endeavoured to secure for Manchester the advantages of this section. By correspondence with the Local Government Board the information was obtained, that whilst the section would impose certain necessary obligations on the local authorities, the latter would have no control over such special inspectors. This was objected to by the Manchester Nuisance Committee, upon whom a deputation from the Association waited. In view of the feeling then expressed, and the ascertained fact that a number of Sanitary Authorities in the neighbourhood of Liverpool had combined for the purpose of obtaining the appointment of a special inspector, it was resolved to defer further action in that direction until

the experience of Liverpool had been ascertained. The evils caused by the present administration of the new Act, which increases fivefold the number of works under inspection, while the number of inspectors has only been doubled, have constantly forced themselves upon the notice of the Committee, and the advice of an influential member of Parliament having been obtained, it has been determined to memorialise the Government for the appointment by them of a special inspector for Manchester and neighbourhood, there being ample work for one man in this district. The reasonableness of this proposed request will be obvious when it is stated that under the Act of 1881 all works coming within its scope must be registered, each chemical works paying £5 annually for a certificate, and each works of other kinds £3. No such stamp duty was required by the old Act, and as the number of works now under inspection is about 1,000 against about 180 before, it is calculated that, allowing for the four additional inspectors appointed, the Government gain fully £1,200 a year. For this sum four more inspectors might be appointed, and even this number would be insufficient to meet the great and increasing work thrown upon the staff.

The Committee have gladly supported the *Health Journal*, lately established by their Secretary, and the subscribers are supplied with copies, free of charge, in order that they may be informed from month to month of the proceedings of the Committee.

FINANCE.

Owing to the reduced state of the funds of this Association through the deaths, removals, &c., which have occurred during the past few years, the Committee found it needful to issue a special appeal for funds early in the year, and they have to acknowledge with thanks the following contributions in response thereto:—

	£	s.	d.		£	s.	d.
H. J. Leppoc, Esq.	1	1	0	Messrs. Beith, Stevenson, & Co.	2	2	0
C. E. Schwann, Esq.	1	1	0	Oliver Heywood, Esq.	2	2	0
R. Barclay, Esq.	2	2	0	Henry Newall, Esq.	1	1	0
Messrs. Cowlishaw, Nicol, & Co..	1	1	0	J. C. Zigomala, Esq.	1	1	0
T. Lister Farrar, Esq.	1	1	0	S. Fielden, Esq.	10	0	0
Messrs. Fielden Bros.	5	0	0	T. Shelmerdine, Esq.	1	0	0
Wm. Abercrombie, Esq.	1	1	0				

The income of the Association is, however, as yet barely sufficient to meet its ordinary expenditure, and the Committee would be glad to have

the means of taking more energetic action by the employment of an inspector for longer periods than during the past year, if not continuously, and by issuing more publications, &c. They earnestly invite support from those who do not already subscribe.

APPENDIX.

A

TO THE WORSHIPFUL THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE BOROUGH OF SALFORD.

Your memorialists are ratepayers and other residents in the district of Broughton, and are desirous of calling the attention of the Corporation to the very serious injury and inconvenience which has been caused to the inhabitants of the district of Broughton by the excessive emission of smoke and other noxious vapours in the borough of Salford. Your memorialists believe that such excessive emission of smoke might be in a large measure prevented if the powers of the Corporation were enforced with more stringency, and they desire to call attention to the fact that although the powers of the local authority have not been in any way so effectively enforced in Manchester as in many other places, the smoke nuisance is not so bad in that city as in the borough of Salford.

It has been stated by Dr. Ransome and other high authorities in Public Health that foul air is the most powerful agent in manufacturing towns in the production of consumption and other diseases of the lungs, which not only cause a large mortality, but also seriously diminish the general tone of health of the population. Vegetation is also very seriously injured, the appearance of buildings is spoilt, and the personal convenience and comfort of the inhabitants interfered with by the same evil.

The district of Broughton has advantages of situation which ought to make it the most healthy and agreeable of the suburbs of Manchester and Salford, and it might still be so were it not for the injury done by smoke and other vapours. The prevailing wind in Manchester and Salford is the south-west, which carries the smoke of Salford directly into Broughton.

We have no hesitation in saying that very great injury is done to the gardens of houses in Broughton, and that houses are rendered disagreeable by reason of the quantity of smoke which might be prevented, and we have good reason for believing that numbers of houses which are now vacant would be taken if it were not for the nuisance caused by smoke, that very many people who now take houses on the south side of Manchester would prefer to take houses in Broughton were it not for this nuisance. The ratable value of the property in Broughton is thus no doubt seriously diminished, and the burden on the other ratepayers in the borough of Salford is greatly increased by a section of the community who can afford to, and in many cases do, reside at a great distance from the neighbourhood which they do much to render uninhabitable.

The Legislature has given to the Corporation power to put a stop to the emission of black smoke, and experience has shown that the nuisance may be in a great measure prevented, without causing much additional expense to the manufacturer, by proper appliances, and in many cases even by ordinary care in the management of furnaces.

Your memorialists pray that your worshipful Corporation will give their early and favourable consideration to this Memorial, and take such steps as in the opinion of the Corporation will be most successful for preventing or mitigating the nuisance complained of.

And your memorialists will ever pray, &c.

Signed by 426 residents in Broughton and some leading burgesses, such as the Bishop of Salford.

B

THE SMOKE NUISANCE IN SALFORD.

List of offences against the smoke regulations of the Salford Corporation, reported by an inspector of the Manchester and Salford Noxious Vapours Abatement Association.

FOR THE TWO WEEKS ENDED JUNE 23RD, 1883.

* * * Instead of names consecutive numbers are given. All these offences occurred between 10 a.m. and 5 p.m., and only one chimney was watched at a time.

Number.	Period of Observation.	Smoke Emitted.			Number.	Period of Observation.	Smoke Emitted.		
		Dense.	Moderate.	None.			Dense.	Moderate.	None.
	Min.	Min.	Min.	Min.			Min.	Min.	Min.
1	60	16	27	17	31	35	5	30	0
2	60	23	27	10	32	33	9	9	15
A 3	60	34	3	23	33	45	6	4	35
4	45	10	23	12	F 33a	22	9	3	10
B 5	35	30	2	3	34	33	6	10	17
C 6	30	15	5	10	35	30	7	10	13
7	20	18	0	2	36	35	5	5	25
8	20	7	10	3	37	30	18	4	8
9	30	10	8	12	38	25	5	20	0
10	15	6	4	5	39	35	8	3	24
11	30	30	0	0	40	32	6	6	20
12	30	26	4	0	41	35	10	10	15
13	35	30	2	3	42	25	10	8	7
14	22	12	8	2	43	34	7	7	20
15	25	23	0	2	44	30	8	22	0
16	30	30	0	0	45	26	9	7	10
17	40	15	15	10	46	28	8	7	13
D 17a	23	15	4	4	47	30	8	5	17
18	50	23	10	17	48	34	9	10	15
19	35	5	15	15	49	33	6	7	20
20	22	7	5	10	50	25	8	7	10
E 20a	28	10	12	6	51	25	5	5	15
21	40	6	6	28	52	43	13	10	20
22	40	5	18	17	53	30	22	3	5
23	40	6	5	29	54	30	7	23	0
24	33	11	12	10	55	25	6	4	15
25	30	5	6	19	56	30	7	3	20
26	30	10	10	10	57	36	8	8	20
27	40	10	5	25	58	20	5	15	0
28	31	6	10	15	59	26	12	14	0
29	50	12	8	30	60	20	5	5	10
30	20	5	6	9					

A Two other chimneys at this works equally bad.

B Three chimneys, all equally bad.

C Two large and one small chimney, all equally bad.

D Second chimney.

E Second chimney.

F Second chimney.

FOR THE TWO WEEKS ENDED JULY 21ST, 1883.

* * * Instead of names consecutive numbers are given. All these offences occurred between 10 a.m. and 5-30 p.m., and only one chimney was watched at a time.

Number.	Period of Observation.	Smoke Emitted.			Number.	Period of Observation.	Smoke Emitted.		
		Dense.	Moderate.	None.			Dense.	Moderate.	None.
		Min.	Min.	Min.			Min.	Min.	Min.
1	30	8	17	5	36	30	5	5	20
2	30	10	20	0	37	30	10	2	18
3	30	12	15	3	38	30	12	12	6
3a	30	18	9	3	38a	30	12	9	9
3b	30	14	6	10	39	30	8	10	12
3c	30	10	10	10	40	30	5	15	10
4	30	12	6	12	41	30	5	11	14
5	30	14	6	10	42	30	5	12	13
6	30	10	15	5	43	30	6	10	14
6a	30	11	9	10	43a	30	5	4	21
7	30	6	17	7	43b	30	5	15	10
7a	30	9	11	10	43c	30	2	4	24
7b	30	12	11	7	44	30	8	7	15
8	30	15	10	5	45	30	10	10	10
9	30	13	2	15	46	29	5	4	20
10	30	18	12	0	47	30	5	5	20
11	30	10	5	15	48	30	10	20	0
12	30	7	5	18	49	30	6	8	16
13	30	5	5	20	50	30	9	6	15
14	30	5	10	15	51	30	5	5	20
15	30	5	15	10	52	30	5	10	15
16	30	7	8	15	53	30	6	7	17
17	30	8	22	0	54	30	5	5	20
18	30	8	17	5	55	30	6	6	18
19	30	13	7	10	55a	30	5	5	20
19a	30	19	11	0	55b	30	5	5	20
19b	30	14	16	0	55c	30	4	8	18
20	30	8	17	5	56	30	6	8	16
20a	30	5	5	20	57	30	5	5	20
21	30	6	8	16	58	30	5	6	19
22	30	7	4	19	59	28	15	13	0
23	30	7	4	19	59a	28	5	2	21
24	30	4	3	23	59b	30	10	10	10
24a	30	5	2	23	59c	30	6	5	19
25	30	10	10	10	60	30	20	5	5
26	30	5	10	15	61	30	10	5	15
27	30	10	6	14	62	30	7	4	19
28	30	4	1	25	63	30	6	14	10
28a	30	3	3	24	63a	30	4	10	16
29	30	10	8	12	64	30	7	9	14
30	30	8	8	14	65	30	8	11	11
31	30	14	6	10	66	30	10	14	6
32	30	5	7	18	67	30	6	7	17
33	30	14	3	13	68	30	8	7	15
34	30	7	5	18	69	30	10	20	0
35	30	12	8	10	70	30	22	8	0
35a	30	7	5	18	71	30	9	7	14

NOTE.—Where the numbers are bracketed the observations relate to different chimneys in one works. Nos. 28a and 70. The same chimneys as 28 and 87 for the succeeding half hour.

Beside the above observations are several where the emission of dense black smoke was under 5 minutes in the half hour, but so near that limit that it would almost certainly be exceeded if the observation had been continued for the full hour. The Inspector also gives a list of works the chimneys of which were smoking very badly while his special attention was devoted to others, in consequence of which he could not give the exact figures.

C

TO THE WORSHIPFUL THE MAYOR, ALDERMEN, AND COUNCILLORS OF THE CITY OF
MANCHESTER.

*The Memorial of the Manchester and Salford Noxious Vapours Abatement
Association*

Respectfully Sheweth,—That your memorialists are a society in union with the Manchester and Salford Sanitary Association, having for their special object the promotion of measures for effecting an improved condition of the atmosphere in this district.

That your memorialists have had for some time under consideration a scheme for the formation of a collection of smoke-preventing appliances, with a view to popularising the use of such forms of apparatus as have been proved by test and experience to be capable of effecting the desired object.

That gas appliances would form a leading feature of such collection.

That in view of the large increase in the consumption of gas which would result from the extended use of such apparatus as would be exhibited, your memorialists recently requested the Gas Committee to co-operate with them by obtaining from the Improvement Committee certain premises in the Victoria Buildings for the purposes of the exhibition, and placing them at the disposal of your memorialists for a short period, so as to afford a fair trial of the utility or otherwise of the proposed collection.

That your memorialists submitted to the Gas Committee that they desired to make no profit from the undertaking, and would expend any surplus there might be in promoting the objects of the Association; and, further, that if they had to meet the charge for rent in addition to the outlay for advertising, attendance, and skilled advice in the selection of apparatus, the proportion of cost chargeable to exhibitors for the use of floor space would be quite prohibitive.

That the Gas Committee have declined to accede to the request of your memorialists.

That as a trading department the Gas Committee may have deemed it improper to comply with the request of your memorialists, but your memorialists feel that the question of granting this aid is one upon which it is eminently competent for the City Council, as representing the general interests of the community, to take a different view.

Your memorialists, therefore, pray that inasmuch as the Victoria Buildings are now the property of the Corporation, your worshipful body will favourably entertain their request, viz., that the use of two shops in the said buildings may be granted to them for a short period, either free of charge or at a nominal rent, for the purpose of an exhibition of Smoke-Preventing Appliances.

And your memorialists will ever pray, &c.

Signed on behalf of the Manchester and Salford Noxious Vapours Abatement
Association—

HERBERT PHILIPS, Chairman.

FRANCIS GREG, Hon. Sec.

FRED SCOTT, Secretary.

100, King Street, Manchester, November 30th, 1883.

NOXIOUS VAPOURS ABATEMENT ASSOCIATION.

Dr.

Cash Account for the year ending December 31st, 1883.

Cr.

1883.		1883.	
£	s. d.	£	s. d.
Jan. 1. To Cash in hand.....	0 0 6	Jan. 1. By Balance due to Bankers	10 1 6
Dec. 31. „ Subscriptions	95 18 0	Dec. 31. „ Printing and Advertising	11 3 2
„ „ Donation	7 18 9	„ „ Secretary's Salary	50 0 0
„ „ Discount	0 4 6	„ „ Office Rent	20 0 0
„ „ Balance due to Bankers	5 6 2	„ „ Postages and Stationery.....	3 19 4
		„ „ Health Journal	2 9 0
		„ „ Inspector's Wages and Sundries	11 14 5
		„ „ Cash in hand	0 0 6
	<u>£109 7 11</u>		<u>£109 7 11</u>

Examined and found Correct,

January 21, 1884.

JAS. G. COOPER.

LIST OF SUBSCRIBERS.

	£	s.	d.
Abercombie, Wm., Esq.	1	1	0
Barclay, Robt., Esq.	2	2	0
Beith, Stevenson, and Co., Messrs.	2	2	0
Birley, T. H., Esq.	2	2	0
Carver Bros. and Co., Messrs.	1	1	0
Chadwick, John, Esq.	3	3	0
Charlewood, H., Esq.	1	1	0
Cooper, J. G., Esq.	2	2	0
Corbett, E. and Sons, Messrs.	1	1	0
Cowlishaw, Nichol and Co., Messrs.	1	1	0
De Trafford, Sir Humphrey, Bart.	5	0	0
Farrar, T. Lister, Esq.	1	1	0
Fielden Bros., Messrs.	5	0	0
Fielden, Saml., Esq.	10	0	0
Fraser, G., Son and Co., Messrs.	2	2	0
Gaddum and Co., Messrs.	2	2	0
Grafton, F. W., Esq., M.P.	5	5	0
Grafton, J. H., Esq.	2	2	0
Greg, Francis, Esq.	5	0	0
Hadfield, George, Esq.	1	1	0
Harrison, T., Esq.	1	1	0
Harvey, A. C., Esq.	1	1	0
Helm, S. L., Esq.	1	1	0
Heywood, C. J., Esq.	5	0	0
Heywood, Oliver, Esq.	2	2	0
Hopkinson, A., Esq.	1	1	0
Horsfall, T. C., Esq.	2	2	0
Jackson, Brierley, and Briggs, Messrs.	1	1	0
Jepson, Thos., Esq.	1	1	0
Joynson Peter and Co., Messrs.	1	1	0
Leedham, F. H., Esq.	1	1	0
Leppoc, H. J., Esq.	1	1	0
Liepmann, Julius and Co., Messrs.	2	2	0
Maclaren, Peter, Esq.	2	2	0
Mainprice, W. S., Esq.	1	1	0
Manchester, The Bishop of.	1	1	0
Newall, Hy., Esq.	1	1	0
Oetling, Flohr and Co., Messrs.	1	1	0
Philips, Herbert, Esq.	5	0	0
Ryder, T. D., Esq., M.A.	1	1	0
Schwann, C. E., Esq.	1	1	0
Scott, C. P., Esq.	1	1	0
Shelmerdine, T., Esq.	1	0	0
Watts, S. and J. and Co., Messrs.	2	2	0
Wilkinson, T. R., Esq.	1	1	0
Woodhouse, Rev. Canon.	1	1	0
Zigomala, J. C., Esq.	1	1	0

96 18 0

Paid for 1882 2 2 0

99 0 0

Less outstanding 3 2 0

£95 18 0

DONATION.

T. C. Horsfall, Esq. £7 18 9

MANCHESTER AND SALFORD
DAY NURSERIES ASSOCIATION

(In Union with the Manchester and Salford Sanitary Association).

COMMITTEE FOR THE YEAR 1884.

President :

T. C. HORSFALL, Esq.

Treasurer :

S. L. HELM, Esq.

Hon. Sec. :

A. SAMELSON, Esq., M.D.

Committee :

W. E. A. AXON, Esq.

PHILIP BIRCH, Esq., M.R.C.S., &c.

MRS. BISHOP.

DR. A. DAHMS.

MISS DEAN.

MISS T. DEAN.

MRS. DREYFUS.

DR. A. EMRYS-JONES.

MRS. FOARD.

MRS. GELL.

GEORGE HAWORTH, Esq.

MRS. HORRALL.

MRS. LEDWARD.

DR. S. HOLGATE OWEN.

MRS. OWEN.

MRS. S. SIMON.

MRS. TATHAM.

MISS ROMLEY WRIGHT.

Secretary :

Mr. FRED SCOTT, 100, KING STREET.

ROUTES.

(A) To the Ancoats Nursery.—By Newton Heath or Oldham tramcar from Piccadilly to Butler Street (in five or six minutes); thence to the Nursery at No. 87 (left hand side), as many minutes' walk.

(B) To the Ordsal Hall Nursery, Taylorson Street.—1. By Stretford car to Trafford Road (opposite Henshaw's Blind Asylum); at end of bridge turn sharp to the right. Twelve minutes' walk to Ordsal Hall.
2. By Weaste car to corner of Oldfield Road and Regent Road; thence twelve minutes' walk to Ordsal Hall.

MANCHESTER AND SALFORD DAY NURSERIES ASSOCIATION.

(In union with the Manchester and Salford Sanitary Association.)

REPORT FOR 1883.

(Read at the Annual Meeting, 31st January, 1884.)

The Committee beg to lay before their supporters and the public at large the following brief account of their operations during the past year:—

I.—THE ANCOATS NURSERY,

87, BUTLER STREET, OLDHAM ROAD.

At the Ancoats Day Nursery 96 children (out of 92 families), of whom 66 were new-comers, have been admitted within the 308 days of the year on which children were brought. The number of attendances made by the 96 children was 2,202, against 2,489 on the 283 days of admission in the year preceding, in which the Nursery was started. From Whit-week, owing apparently to want of employment on the part of mothers, the numbers have been continually decreasing up to the middle of October, when the tide began to turn; and since as regular an increase has taken place, which is now in progress, and bids fair to restore the Nursery, in regard to numbers, ere long, to the position which it had attained by the spring of last year.* The average attendance was upwards of seven per day. The highest number attending on one day was reached on the 6th March, when 20 children were admitted. Part of the decrease observed in the number of children is manifestly due to the fact that the reduced daily charge of 3d. per child, in cases when more than one of the same family were brought, has been discontinued, and the uniform charge of 4d. enacted instead. In the course of the year a regular plan was adopted, according to which the ladies who are members of the Committee visit the Nursery in turn for a fortnight each, during which they are expected to call there at least twice a week.

* The attendances during the last four weeks have been 174.

II.—THE ORDSAL NURSERY,

ORDSAL HALL, TAYLORSON STREET, SALFORD.

In their first Report, a year ago, the Committee, referring to the very slow progress at the Ordsal Hall Nursery, which had then been open for upwards of three months, expressed the hope that the year 1883 would bring a change for the better. Although that has been very gradual in coming, and during the summer there was, at this Nursery also, a temporary retrogression in numbers, the Committee are thankful to be able to report a quite satisfactory advance. As the outer aspect of the whole neighbourhood is strikingly different, especially in the newer parts of Ordsal near to the Nursery, from what we see at Ancoats, so there seems to obtain a marked difference, too, in the conditions of life, health, and employment between the two localities. Since the end of September, 1882, when the first child was brought to the Nursery (a deaf and dumb girl of nine years, who only came twice), no more than 38 children in all (out of 30 families), have, up to the end of 1883, been placed under the care of the Nursery; but with many of them a marked feature has been the comparative regularity of attendance. The 37 children made 1,356 attendances on the 301 days of the year on which the Nursery was open or utilized, the chief mills having been stopped on 11 days in the year.

Any one at all acquainted with the situation, in regard to the chief places of employment, of the Butler Street Nursery, and of the Ordsal Hall Nursery, will at once understand why 1,356 attendances by 37 children in 1883 at Ordsal should be held to point to a more thorough success than the 2,202 attendances by 96 children at Ancoats, quite apart from the absolutely higher proportion of attendances (37) to the total number of children in the former case than in the latter (23), and in spite also of the much smaller proportion of the average of daily attendances, $4\frac{1}{2}$ in the former against $7\frac{1}{2}$ in the latter, and though the highest number of children admitted on one single day (16th November) at Ordsal was only 12*, against 20, as we have seen, at Ancoats. When, further, we take into account the exemption from payment of rent and

* On the 21st inst., no fewer than 20 children were admitted, belonging to 14 families. Twenty-one children made 285 attendances these first four weeks of 1884.

taxes, for which, in addition to his liberal subscription, the Committee were indebted to the late and lamented Mr. Richard Haworth, it becomes evident that the position of affairs is far more favourable at Ordsal than it is at Ancoats. Moreover, the whole of the work required at the Ordsal establishment, was up to the second week of December, when a young servant was first engaged, entirely and solely attended to by the devoted matron, Mrs. Brown ; whereas at Ancoats, except for the space of four weeks in September, a servant had to be kept throughout the year.

An annual subscription list of £150 would in all probability suffice for the Committee to carry on the two Nurseries. At present, they are sorry to say, they do not yet receive so much as £60. The still desiderated establishment of a Nursery at Pendleton would, of course, demand a special accession of funds, and a further proportionate enlargement of the still imaginary subscription list of £150. As was stated last year, in our First Report, the receipts from the "Children's Pence" cannot be expected, at best, to do more than cover the household expenses. Rent and taxes, coal, gas, office expenses, wages, &c., have to be paid out of subscriptions and donations.

Under the present circumstances of life in Manchester and in Salford (of which there is, too, no prospect of an early reversal), not only do many mothers of young children attend to some daily work, away from their homes, either in the factory or workshop, or as charwomen, washerwomen, &c., but are actually bound to go to work in behalf of the family's sustenance. Now, in the year 1883, no less than 177 out of every 1,000 children who were born have died in Manchester within the first twelve months of life ; in Salford as many as 170 ; and 40 out of every 100 persons who died in Manchester had to leave this world before they were five years old, whilst in Salford there were taken away thus early no less than 46 in every hundred. A large share of this appalling infant mortality is due to exposure, to unwholesome and insufficient feeding, and to drugging of children, many of whom do not receive the personal care of their mothers. As in all other civilized states, proper day nurseries are now in this country also becoming more and more recognised as the means, in a measure, to meet the evil. Among large British towns the city of Glasgow is just going to be furnished with additional establishments of the kind. The Day Nurseries of Scarborough

and of Birkenhead have last year been visited by a member of the Committee, the crèches of Geneva, Lausanne and some of those of Paris the year before. The Committee exchange their Annual Reports with those of the above institutions, as well as of some eight or nine of the London Day Nurseries and the crèche at Liège.

The Committee trust that the humane people of Manchester and Salford will not leave them without the means to continue the work which they have undertaken. Our Report and Balance-sheet show that we want help, and want it soon. Donations or subscriptions of any amount, however small, will be thankfully received. The two Nurseries are open for inspection and inquiry on every week day, from 5-30 a.m. to 7 o'clock p.m., and visitors are always heartily welcome.

January 28th, 1884.

The Register of Attendance at each Nursery is kept in the form of sheets covering four weeks of six days each. The subjoined table shows, for each of the thirteen lunar months of the year, the number of children admitted, the total attendances made by that number, the range of daily attendances, the receipts in fees, and the household expenditure.

ANCOATS.

No. of Lunar Month.	PERIOD.		Number admitted.	No. of Children received on one day.		Total No. of Attendances.	Nursing Fees received.	Household Expenditure.
	From	To		From	To			
1	Jan. 6	Jan. 27	18	4	12	200	£ s. d. 3 8 8	£ s. d. 4 18 6½
2	Jan. 29	Feb. 24	24	4	17	271	4 10 4	5 15 8½
3	Feb. 26	Mar. 24	23	4	20	286	4 15 4	5 18 11½
4	Mar. 26	April 21	21	3	14	212	3 10 8	5 4 3
5	April 23	May 19	22	2	12	189	3 3 0	4 13 5
6	May 21	June 16	17	2	11	171	2 17 0	4 17 1
7	June 18	July 14	16	3	10	158	2 12 4	4 3 3
8	July 16	Aug. 11	15	1	10	138	2 6 0	3 14 6
9	Aug. 13	Sept. 8	10	2	8	118	1 19 4	2 19 10
10	Sept. 10	Oct. 6	8	2	5	77	1 5 8	2 13 11
11	Oct. 8	Nov. 3	10	4	7	124	2 1 4	3 7 11½
12	Nov. 5	Nov. 30	12	4	8	126	2 1 8	3 13 8½
13	Dec. 2	Dec. 29	13	4	9	132	2 4 4	3 13 1
			...	...	...	2202	36 15 8	55 14 2½

ORDSAL.

No. of Lunar Month.	PERIOD.		Number Admitted.	No. of Children received on one day.		Total No. of Attendances.	Nursing Fees Received.			Household Expenditure.		
	From	To		From	To		£	s.	d.	£	s.	d.
	1883.	1883.										
1	Jan. 1	Jan. 27	5	1	4	47	0	15	8	1	14	9
2	Jan. 29	Feb. 24	6	1	5	56	0	18	8	1	14	7
3	Feb. 26	Mar. 24	8	1	5	45	0	15	0	1	9	9
4	Mar. 26	April 21	7	1	4	57	0	19	0	1	15	6½
5	April 23	May 12	7	1	6	72	1	4	0	1	15	7
6	May 14	June 16	14	2	7	120	2	0	0	2	8	7
7	June 18	July 14	12	3	7	108	1	16	0	2	1	8
8	July 16	Aug. 11	5	2	4	71	1	3	8	1	9	10½
9	Aug. 13	Sep. 8	7	2	5	81	1	7	0	1	15	9
10	Sep. 10	Oct. 6	8	3	8	127	2	2	4	1	18	6
11	Oct. 8	Nov. 3	11	5	10	167	2	15	8	2	17	0
12	Nov. 5	Dec. 1	13	5	12	208	3	9	4	2	17	0
13*	Dec. 3	Dec. 29	15	4	11	197	3	5	8	3	1	1½
	*22 days.		...	...	...	1356	22	12	0	26	19	8½

The following shows the total of the attendances during the year for each of the six days of the week :—

	M.	T.	W.	Th.	F.	S.	Total.
Ancoats.....	363	431	407	401	383	217	2202
Ordsal	219	237	242	250	246	162	1356

The average weekly expenditure for the household, including victuals for the children and attendants, and sundries, chiefly for cleaning purposes, has been—at Ancoats, £1 1s. 5d. ; at Ordsal, 10s. 2½d.

The fines for leaving a child above half an hour after closing time—*i.e.*, seven o'clock p.m., being 1d. for each half-hour, the small sum of 1s. 6d. was received from this source at the two Nurseries during the year. The demand of the fine appears to have had the effect of making mothers more punctual in removing their children.

The committee are indebted to Mrs. Gell, Mrs. Simon, and an unknown donor at Altrincham, for gifts of clothing and toys to the Ancoats Nursery.

The ages of the children when first admitted (A), the number of attendances made by each child (B), and the occupations of the parents (C) were as follow :—

A.

AGES OF CHILDREN ON FIRST ADMISSION.

ANCOATS (66 New).				ORDSAL (37).			
Age.			Children.	Age.			Children.
2 months and under 3 months			3	1 month and under 4 months			1
3	"	4	5	4	"	5	2
4	"	5	4	5	"	6	2
5	"	6	6	6	"	7	3
6	"	7	6	7	"	9	1
7	"	8	5	9	"	10	2
8	"	9	6	10	"	12	3
9	"	10	4	1 year and upwards			13
10	"	11	6	2	"		3
11	"	12	2	3	"		1
1 year and upwards			10	4	"		6
2	"		6				
4	"		1				
5	"		1				
7	"		1				

B.

Attendances made by each of the children.

ANCOATS.

Children.	Attendances.	Children.	Attendances.	Children.	Attendances.
11.....	1	2.....	17	1.....	43
5.....	2	1.....	18	1.....	44
7.....	3	1.....	19	1.....	46
3.....	4	2.....	20	1.....	52
5.....	5	1.....	23	1.....	54
4.....	6	1.....	25	1.....	63
2.....	7	1.....	27	1.....	67
6.....	8	3.....	28	1.....	68
4.....	9	1.....	29	1.....	78
1.....	10	1.....	33	1.....	88
3.....	11	2.....	34	1.....	95
3.....	12	1.....	36	1.....	131
1.....	13	2.....	37	1.....	213
2.....	15	1.....	38	1.....	219
1.....	16	1.....	39		

ORDSAL.

Children.	Attendances.	Children.	Attendances.	Children.	Attendances.
5.....	1	1.....	16	2.....	38
3.....	2	2.....	26	1.....	103
2.....	3	1.....	27	1.....	118
1.....	5	1.....	28	1.....	120
3.....	6	3.....	30	1.....	215
1.....	8	2.....	32	1.....	243
2.....	9	1.....	35		
2.....	10				

C.

OCCUPATIONS OF PARENTS.

ANCOATS.

FATHER.		MOTHER.	
Labourer	28	Charwoman	12
Hawker	4	Weaver	10
Collier	3	Reeler	8
Porter	3	Winder	5
Tinplate worker	2	Hawker	4
Carter	1	Brushmaker	3
Tailor	1	Washerwoman	3
Boilermaker	1	Jacktenter	3
Weaver	1	Machinist	3
Joiner	1	Piecer	2
Blacksmith	1	Doubler	2
Painter	1	Velvet cutter	1
Cooper	1	Polisher	1
Puddler	1	Office cleaner	1
Whitewasher	1	Waste sorter	1
Moulder	1	Spinner	1
Hooker	1	Cap maker	1
Sandman	1	Lap tenter	1
Jobber	1	Fustian cutter	1
Turner	1	Button driller	1
Baker	1		
Deceased	2	Deceased	1
Unrecorded	2	Unrecorded	1
Unknown	6		

ORDSAL.

FATHER.		MOTHER.	
Labourer	9	Weaver	10
Painter	2	Charwoman	5
Mechanic	1	Washerwoman	2
Lurryman	1	General dealer	2
Boatman	1	Jacktenter	2
Bill distributor	1	Machinist	1
Engine tenter	1	Monthly nurse	1
Leather piecer	1	Dressmaker	1
Railway labourer	1	French polisher	1
Soap maker	1	Carder	1
Printer	1	Hankwinder	1
Smallware weaver	1	Doffer	1
Concreter	1	Insurance agent	1
Clerk	1		
Dyer	1		
Moulder	1		
Warehouseman	1		
Joiner	1		
Not recorded	1		
Unknown	1		

NOTE.—The factories at which the women in somewhat regular work are chiefly employed are those of Messrs. Armitage and Rigby; Shaw, Jardine, & Co.; Dobson; Kelly; Pooley; Miller; and Holland at Ancoats; and those of Messrs. R. Haworth & Sons, at Ordsal.

MANCHESTER AND SALFORD DAY NURSERIES ASSOCIATION.

Dr.

Income Account for the year ending December 31st, 1883.

Cr.

INCOME.		ORDSALL.		ANCOATS.		TOTAL.	
1883.		£	s. d.	£	s. d.	£	s. d.
Dec. 31.	To Subscriptions .....	...	...	...	...	58	8 6
"	" Donations.....	...	...	...	...	9	4 9
"	" Children's Fees	22	13 8	36	13 9	59	7 5
"	" Sundry Receipts } (Discount & Bank Interest)..... }	...	...	...	...	4	10 3
"	" Deficiency of In- come.—See below }	...	...	...	...	90	15 7
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
						<hr/>	
		</					

Dr.

Balance Sheet.

Cr.

LIABILITIES.		ASSETS.	
1883.	£ s. d.	1883.	£ s. d.
Jan. 1. Amount for last year	257 13 8	Jan. 1. Furniture (balance last year)	47 16 1
Dec. 31. Deduct Deficiency of Income for { the year, as shown above	90 15 7	Dec. 31. Additions of Furniture during the year..	7 12 5½
	<hr/> 166 18 1		<hr/> 58 8 6½
		Less One Year's Depreciation	5 8 6½
			<hr/> 50 0 0
		Balance in Manchester and Salford Bank	113 14 3
		Cash in hand	3 3 10
			<hr/> 116 18 1
	<hr/> £166 18 1		<hr/> £166 18 1

January 24, 1884.

Examined and found Correct, GUSTAV BEHRENS.

MANCHESTER AND SALFORD

Day Nurseries Association.

DONATIONS IN FORMER YEARS.

	£	s.	d.
Atkinson, William, Esq.	25	0	0
A Friend, per Dr. Owen	3	0	0
Anonymous.....	0	7	6
Armstrong & Bro., Messrs.	0	2	6
Bradford, Miss	25	0	0
Brooks, W. Cunliffe, Esq., M.P.	25	0	0
B. N. H. A.....	0	10	0
Crum, W. G., Esq.....	25	0	0
Chadwick, John. Esq.	10	0	0
Derby, the Earl of.....	25	0	0
Dehn, A., Esq.	5	0	0
Egerton, Lord	25	0	0
Gowenlock, Miss Ann	10	0	0
Helm, S. L., Esq.	25	0	0
Heywood, Oliver, Esq.	25	0	0
Horsfall, T. C., Esq.	25	0	0
Houldsworth, W. H., Esq.	25	0	
Haworth, Richard, Esq.	10	10	0
Kolp, N., Esq.	25	0	0
Leigh Clare, Mrs. Charles.....	5	0	0
Mather, William, Esq.	25	0	0
Martin, Dr.....	1	1	0
Philips, R. N., Esq., M.P.....	25	0	0
Ransome, Dr.	5	0	0
Stretton, Messrs. & Co.	5	5	0
Spafford, G., Esq.	2	2	0
Turner, W. A., Esq.	5	0	0
Turner, Mrs.	1	1	0
	£388	19	0

DONATIONS, 1883.

"H. H.," per Mr. Helm	5	0	0
Samelson, Dr.....	3	15	0
Wilson, Toft, & Huntley	0	9	9
	£9	4	9

ANNUAL SUBSCRIPTIONS.

	£	s.	d.
Behrens, Gustav, Esq.	2	2	0
Broadfield, E. J., Esq.	1	1	0
Boschetti, Miss L.	1	1	0
Bowler, Mrs. Wm.	1	1	0
Candlin, H. J., Esq.	1	1	0
Chadwick, John	1	1	0
Clarke & Marshall's Charity, per Mayor of Manchester	5	0	0
Clemson, John, Esq.	1	1	0
Crewdson, Alfred, Esq.	1	1	0
Dahms, Dr. Anna (1884)	0	10	6
Dreyfus, Mrs. (1884)	1	1	0
Foard, J. T., Esq.	1	1	0
Fairchild, H. J., Esq.	1	1	0
Gowenlock, Miss Ann	1	1	0
Grouvel, A., Esq.	1	1	0
Haworth, R., & Co.	10	0	0
Helm, S. L., Esq.	2	2	0
Heynssen, J., Esq.	1	1	0
Horsfall, T. C., Esq.	1	1	0
Hoyle, Isaac, Esq.	1	1	0
Kessler, William, Esq. ...	2	2	0
Kolp, Messrs., & Co.	1	1	0
Kroenig & Siegler, Messrs.	1	1	0
Kelsall, Mrs. John	0	10	6
Oppenheim, Mrs.	2	0	0
Owen, Dr.	0	10	6
Pecher, Messrs. E. & Co.	1	1	0
Ryder, T. D., Esq.	1	1	0
Samson, H., Esq.	2	2	0
Salomonson, Mrs. H.	1	1	0
Simon, Mrs.	1	0	0
Southern, J. W., Esq.	1	1	0
Spafford, G., Esq.	1	1	0
Stretton & Co., Messrs.	1	1	0
Thompson, John, Esq.	1	1	0
Turner, W. A., Esq.	2	2	0
Waithman, Arthur, Esq.	1	1	0
Watts, Messrs. S. and J., & Co.	1	1	0
Wood, Mr. Bateson	1	1	0
Wright, Miss R.	0	10	6
	58	19	0
Subscription for 1882	1	1	0
	60	0	0
Less two Subscriptions for 1884	1	11	6
	£58	8	6

COMMITTEE

FOR

Securing Open Spaces for Recreation.

—:o:—

(In union with the Manchester and Salford Sanitary Association.)

—:o:—

Chairman and Treasurer—HERBERT PHILIPS, Esq.

T. G. ASHTON, Esq.

NEVILLE CLEGG, Esq.

FRANCIS GREG, Esq.

T. C. HORSFALL, Esq.

OLIVER HEYWOOD, Esq.

W. H. HOULDSWORTH, Esq.

E. W. JOYNSON, Esq.

GEORGE MILNER, Esq.

D. PROCTER, Esq.

MR. COUNCILLOR ROWLEY.

J. W. SOUTHERN, Esq.

REVD. T. WARRINGTON.

Secretary—MR. FRED SCOTT, 100, KING STREET.

REPORT.

THE Committee for Securing Open Spaces for Recreation has, during the past twelve months, been almost exclusively engaged in the work of erecting, opening, and managing the gymnasium in Every Street to which they alluded in the report presented at the annual meeting of the Manchester and Salford Sanitary Association on January 18th of last year. The site of the building is a portion of the old burial ground of what is known as the "Round Chapel" in Every Street, Ancoats, and it has been leased for seven years from February 1st, 1883. By the end of June the gymnasium was completed. In the course of the next month it was furnished with the necessary apparatus, and a competent instructor was found in the person of Mr. C. M. Roberts, who had received his training under Mr. Renshaw, of the Manchester Y.M.C.A. Gymnasium, and was well recommended by him. An arrangement was at the same time made that Mr. Renshaw should give his services (for a consideration) as general superintendent of the gymnasium for the first 12 months of its existence, and he at the same time undertook to find leaders to take classes on two nights of each week.

Thus equipped and manned the gymnasium was, on August 2nd, formally opened by Mr. H. Philips, Chairman of the Committee, in the absence of the Mayor, who had promised to preside, but was at the last moment prevented from doing so. A large number of the working lads of the neighbourhood witnessed, with much interest, the gymnastic display provided by members of the Y.M.C.A. on the opening night, and in the course of the following week 114 of them entered the gymnasium as members, paying a quarter's fee in advance. From this good beginning the membership rapidly increased to 300, beyond which number it cannot, with the present accommodation, be usefully extended. The exercises have been a nightly attraction to a large number of spectators. Sometimes the gallery has been crowded to excess; but notwithstanding this, no difficulty has occurred in preserving order. Two fives courts are included in the gymnasium building, and have proved attractive to some of the younger members. Altogether the success of the gymnasium hitherto has quite exceeded the expectations formed by the Committee.

The principal rules at present in force are the following :—

Any person resident in Manchester, over the age of 14 years, of good character, and giving respectable references, shall be eligible for membership, the said membership being liable to be cancelled by the Director of Exercises in case of infringement of any of the rules.

The subscription for membership to be 1s. 6d. per quarter, or 5s. per annum, payable in advance.

The gymnasium will be open from 6 to 10 p.m., and in addition, on Saturday afternoons from 2-30 to 5 p.m.

The gymnasium will be closed on Sunday, and on such other days as may be specially announced.

The general supervision of the gymnasium and course of instruction is intrusted to the Director of Exercises, or in his absence to the Caretaker or his deputy, with whom shall rest the final decision in case of any dispute.

The gallery is provided for spectators, and any person admitted to it must leave the building immediately when requested to do so by the Director of Exercises or Caretaker.

Smoking in any part of the building is forbidden.

Singing, whistling, or any objectionable conduct or conversation are strictly forbidden in the gallery, gymnasium, or dressing rooms.

Now that the gymnasium is fairly established the Committee hope to be at leisure to take some further step in the promotion of the work which they have at heart. There is most urgent need for the establishment of a model playground in some one of the thickly-peopled districts of the city. It cannot be said that this matter has been as yet successfully dealt with by the City Council, and they clearly want the encouragement of a good example to induce them to go on more heartily with this work of providing playgrounds for the people. There is at least equal need for a model public cricket ground. These are matters towards which the attention of the Committee must now be once more directed, but they must remind the public that nothing of this sort can be attempted without a large command of money. The funds at present in their hands are insufficient even for the maintenance of the gymnasia, the cost of which exceeds their original calculations. To meet this they have only remaining a sum of £150, with an annual subscription list of £95. If they are to work on as pioneers in this question of "Open Spaces," and show not only what is needed but what can be done, they will require the hearty support of all those who desire to improve the moral and physical condition of the people.

COMMITTEE FOR SECURING OPEN SPACES FOR RECREATION.

Dr.

Cash Account for the year ending December 31st, 1883.

Cr.

1883.		1883.	
	£ s. d.		£ s. d.
Jan. 1.—To Balance in Bank	76 9 1	Dec. 31.—By Buildings	1233 17 4
Dec. 31.—" Donations	1563 13 0	" " Shirts	3 10 0
" " Subscriptions	94 11 0	" " Architects and Sundry Expenses	17 7 8
" " Bank Interest and Discount	12 18 2	" " Printing, Stationery, &c.	24 15 9
" " Subscriptions from Members of the Gymnasium	42 2 0	" " Rent, Rates, and Taxes	29 7 1
" " Balance of Slipper out	4 14 2	" " Appliances for Gymnasium Exercises	261 7 9
" " Use of Lockers	1 9 0	" " Cleaning	6 5 4
		" " Gas and Water	12 8 8
		" " Salaries and Wages	87 14 8
		" " Health Journal	1 15 0
		" " Balance in Banker's hands	£112 17 0
		" " " Secretary's "	4 10 2
			117 7 2
			£1795 16 5

Examined and found correct,

January 16, 1884.

E. WALTER JOYNSON.

LIST OF DONORS AND SUBSCRIBERS.

	Contributions for the Ancoats Gymnasium.			Annual Subscriptions.		
	£	s.	d.	£	s.	d.
Mrs. Langworthy	300	0	0			
Herbert Philips, Esq.	200	0	0	10	0	0
Neville Clegg, Esq.	100	0	0	10	0	0
Francis Greg, Esq.	100	0	0	5	0	0
T. C. Horsfall, Esq.	100	0	0	10	0	0
W. H. Houldsworth, Esq.	100	0	0	5	0	0
Jas. Worthington, Esq.	105	0	0	5	0	0
J. H. Grafton, Esq.	50	0	0	3	3	0
Jas. Jardine, Esq.	50	0	0			
Thomas Ashton, Esq.	25	0	0			
H. Charlewood, Esq.	25	0	0			
E. W. Joynson, Esq.	25	0	0	3	3	0
N. Kolp, Esq.	25	0	0	1	1	0
D. Procter, Esq.	25	0	0	3	0	0
H. M. Steinthal, Esq.	25	0	0	5	0	0
Jas. Worrall, Esq.	25	0	0			
C. E. Schwann, Esq.	25	0	0			
R. Curtis, Esq.	25	0	0			
J. H. Jackson, Esq.	25	0	0			
B. Stretton, Esq.	25	0	0			
Fritz Reiss, Esq.	25	0	0			
R. N. Philips, Esq., M.P.	25	0	0			
Messrs. J. and W. Bellhouse	20	0	0			
W. T. Crossley, Esq.	20	0	0			
F. W. Crossley, Esq.	10	0	0			
Arnold Dehn, Esq.	10	0	0			
J. G. Silkenstadt, Esq.	10	0	0			
Jas. Chadwick, Esq.	10	0	0	1	1	0
A. Haworth, Esq.	10	0	0			
H. Gaddum, Esq.	10	0	0			
H. B. Jackson	7	7	0			
F. W. Grafton, Esq., M.P.				10	0	0
E. Behrens, Esq.				10	0	0
A. E. Harter, Esq.				5	0	0
G. Behrens, Esq.				5	0	0
T. Gair Ashton, Esq.				3	3	0
E. S. Schwabe, Esq.	5	0	0			
Leonard Tatham, Esq.	5	0	0			
Councillor Rowley	5	0	0			
Wm. Vickers, Esq.	5	0	0			
F. J. Jackson, Esq.	3	3	0			
C. H. Hinde, Esq.	2	2	0			
Geo. Hahlo, Esq.	1	1	0			
	£1563	13	0	£94	11	0

