[Manchester and Salford Registration Returns 1869]

Contributors

Manchester and Salford Sanitary Association.

Publication/Creation

1869

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COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

OL. IX.]

WEEK ENDING SATURDAY, JANUARY 2, 1869.

No. 440

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, January the 2nd, 1387 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1223, and in the corresponding week of last year it was 1619. The deaths during the week amounted to 70, being at the rate of 1 death to every 19 cases.

The return under Scarlatina does not fluctuate much, the numbers for the last three weeks being 34, 30, and 32. Fourteen of these 32 cases occurred in Manchester, 11 in Salford, and 7 in Chorlton.

There is an increase in the cases of Measles, the number having risen from 4 to 13. One case occurred in Manchester, 8 in Salford, 3 in Hulme, and 1 in Ardwick.

Three cases of Whooping-Cough are returned against 2 in the preceding week. Two of these were treated at St. Mary's Hospital and the other at the Clinical Hospital.

The cases of Diarrhœa and Dysentery have risen from 15 to 22; in the corresponding week of last year the number was 33.

Four cases of Small-Pox occurred during the week,-2 in Salford, 1 in Hulme, and 1 in Chorlton.

The decline under Fever still continues. This week 45 cases are returned, being 14 less than in the previous week. Fourteen cases are attributed to Continued Fever, 24 to Typhus, and 7 to Typhoid Fever,—14 of the Typhus Fever cases were treated in the Manchester Workhouse, and 5 in the Royal Infirmary.

Bronchitis and other acute chest diseases have been more prevalent the last week than in the week preceding,—238 cases were returned instead of 195.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 259 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-two deaths were caused by diseases of the lungs, 29 by Scarlatina, 16 by Fever, and 5 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 41.0°; at the Royal Infirmary it was 38.8°; and at Old Trafford 38.4°.

JOHN ROBERTS, M.D., Hon. Sec.

OMMITTEE ROOMS.

33, PALL MALL, MANCHESTER.

MANCHESTER AND SALI

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

mailulus 10		111		10			MA	NCH	EST	ER.			7		rry	
Area in Statute Acres	a la company						Mano	heste	r To	wnshi	-	,645			,	
Population in 1861						• • • •	-	,,		,,	-	5,050	-	• • • •	••••	
		Po	or L	AW D	ISTRI	CTS.		_				110000	TUTI	ONS.		
	00	W. 8	8	F	18	el's	1	8e.	1	ROYAL	-	IRMAI	y.	2	DREN	
DISEASES.	Peter's	Andrew's	George's	Cathedral	Jude's	Michael's	Total of Districts.	Workhouse.	nts.	t. nts.	ict I.	District II.	District III.	St. Mary's	Clinical Hospital.	
044 AZ 0381 9 Y	St. P	St. A	St. G	Jath	St. J	St. N	[ota]	Worl	In-	Out-	District	Dist	Dist	St. M	Clin	
	1	.2	3	4	5	6		7	8	9	10	11	12	13	14	
Small-pox	1												4.5	1.0		
Measles												1				
Scarlet Fever			2	al	2	2	7	1			2.	1		2	3	
Diphtheria						1	1	1							do.	
Whooping-cough														2	1	
Croup																-
Diarrhœa		2					2	1		3				4		
Dysentery														100		
Malignant Cholera								1								
Erysipelas						1	1									
Continued Fever	al		3				4					1.0	1		10.	
Typhus		1.					1	14	5		0.1					
Enteric or Typhoid									2.							
Febricula					2	5	7	2	1			1	1	6	1	
Ague		1.							11.0							
Ague					1		1		2				1	0.8		-
Puerperal Fever									***							
Bronchitis and Catarrh	2	10		5	2	8	27	11	. 1	40	1	6	5	9	4	
Influenza									9	1.0				0.0		
Pleurisy and Pneumonia	1	1				3	5	4							2	
Phthisis			1	1	1	1	4	7		23	1		3	2		
All other Diseases	22	7	18	6	5	14	72	92	17	105	5	5	5	13	44	
Accidents	3			1	2		6		13	155	1	2	t.o.t	1,11		
TOTAL	29	20	24	14	15		136	133	41	336	8	16	16	38	55	1
* NEW Treatment for	111	a Ren	noved	to Wo	rkhou	se.		100	- 0	b n	ot Vac	ccinate	ed.	JE.		
							M	edice	11.01	ficers	to	chon	2 the	A 88	ocia	tie

Medical Officers to whom the Association

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME,

(9) Mr. W. H. CARRUTHERS, (10) , J. PORTER, (11) , C. CURRIE RITCHIE,

(13) Mr. H. RUNCOR (14) ,, J. FINLAYSO (15) ,, J. OGDEN FL. (16) ,, J. TEALE,

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS.

Week ending the 2nd day of January, 1868.

	SAI	LFO	RD.	100	H	ULM	E.	CH()RL-	ARD- WICK	PF	PEN	ETON	AND RY.		
		1,32 70,96			6)	64		508, 21739			2650 24,448.		Area in Statute Acres. Population in 1861.	
	LAW		PUBL			ok L		strict		District.	Anecats	nion e.		Veek	1	s.
9 Greengate.	L Regent Road.	S Workhouse.	6 Dispensary.	Salford County Gaol.	12 St. George's.	Nedlock.	St. Philip's	Door Law District	Dispensary.	G Poor Law D	A Ardwick & Ano Dispensary.	Chorlton Union	Fotal.	Corresponding W	DISEASES.	DEATHS
-		10		20	21	-	20	-	-	-	-	-				
51	1					1						1	4		Small-pox	1
			8			3				1			13	7	Measles	
			11						7				32	22	Scarlet Fever	1
	**														Diphtheria	
				. 00									3	47	Whooping-cough	
			1.											2	Croup	
3			4			1			1			1	22	31	Diarrhœa	
														2	Dysentery	
															Malignant Cholera	
			1						3				5	7	Erysipelas	1
		4	2		al	1	1						14	22	Continued Fever	
			3						1		1		24	27	Typhus	6
	2		2						1				7	6	Enteric or Typhoid	
	2		3	1	120	4	7	3		2	1111	2	45	26	Febricula	
•				1013		No.	18	1799	1	14			E TIM	21 - 2	MALE SHOW AND ADDRESS OF	
							***	11		-	3		16		Ague	
	7		2					"			3			48	Rheumatic Fever	•••
									10			17			Puerperal Fever	
6	8		35	2	8	5	8	4	6	2	2	17	211	301	Bronchitis & Catarrh	11
		**	3				**	*	11		***		5 22	15	Influenza	
	1		10		1	1		3	2		3	3	59	23 63	Pleurisy & Pneumonia. Phthisis	11
			7					1				1	29	48	Constitutional Syphilis	1
)	11	2	67	4	9	9	11	11	21	5	12	66	609	690	All other diseases	32
	3	4	52		2	1	3	1	13		14	1	267	232	Accidents	4
0	35	6	216	7	21	26	30	24	56	10	35	95	1387	1619	TOTAL	70

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M. WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

the reports of the Association, and has as far as practicable, been taken into account in the conclusions wn from the weekly returns.

Beekly Retnen af Birthe and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Thshp., Mr. Hallsworth.	Total.	Corresponding week last year.
Small Pox Measies Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	3 1 9 12	1 3 2 15 9	1 4 9 17	2 3 1 2 6 a5	 1 3 6 9	1	3 62 6 a18	3 1 1 14	3 d1 5 a9	6 1 d1 12 19	3 4 6	29 3 16 82 122	1 8 29 8 5 19 106 146
TOTAL NO. OF DEATHS.	25	30	31	19	19	26	38	19	18	40	26	300	322

a 2 Inquests

b 2 Typhus.

c l Inquest.

d Typhoid.

Monthly Return of New Cases of Disease coming under Treatment

In Il Charitable Institutions in St. Maryl bone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1981, 181830. At Pauper, Charitable, and Public Institutions in MANCHESTER and Salroud. Population in 1861, 390, 815.

4 Weeks ending 26th Sept.	5 Weeks ending 31st Oct.	4 Weeks ending 23th Nov.	TOTAL.	DISEASES.	4 Weeks ending 26th Sept.	5 Weeks ending 31st Oct.	4 Weeks ending 2sth Nov.	TOTAL
-	1	2	3	Small-pox	4	8	13	25
43 57	53	71	167		24	32	32	88
57	93	71 76	226	Scarlet Fever	230	285	175	690
2	1		3	Diphtheria			3	6
2 23	32	51	106	Whooping-cough	2	3 3	1	6
1	2	3	5	Croup	2	2	2	6
762	387	208	1357	Diarrhœa	534	290	139	963
1	2		3	Dysentery	8	11	9	28
				Malignant Cholera				
36	38	31	105	Erysipelas	34	41	20	95
9	4	18	31		191	248	188	627
	4	3	7	Typhus	145	268	175	586
2	9	7	18	Enteric or Typhoid	93	108	81	282
38	55	61	154	Febricula	280	268	206	754
1			1		2	1	3	6
38	69	76	183	Rheumatic Fever	61	82	57	200
				Puerperal Fever		2	1	3
513	872	942		Bronchitis and Catarrh	718	1132	1138	2388
4	4	6	14	Influenza	19	47	34	100
42 75	48	54		Pleurisy and Paeumonia	65	124	109	298
75	95	73			277	318	270	865
26	37	30	93	Constitutional Syphilis	140	183	167	490
8626	4232	3483	11341	Accidents, and all other Discases	4081	4773	3534	12488
5298	6038	5195	16531	TOTAL	6910	8229	6455	21594

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN DECEMBER. Inches. Wet Days. Royton 9:300 29 Wilmslow Salford Old Trafford 8:123 29 Penketh 6:994 29 Eccles	Royal Infirmary, Dr. Reed.	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.Mackeretheso	Wilmslow, J. Thompson, Esq.	Royton, J. HEAF, E8Q.	Warrington L.W.Reynolds Esq
Height of barometer cistern above sea leve Barometer. Mean @ 32 ° F., and reduced to sea leve Highest	130 ft. 188. 29-476 30-112 29-124 0-988	108 ft. INS.	145 ft, 188, 29-466 29-950 28-616 1-334	145 ft. 1NS.	251 ft. INS.	544 ft. :Ns. 29 455 2) 480 28:100 1:380	43 ft. 1N8. 29:455 30:047 28:695 1:352
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere.	38·8 11·3 3·9 44·3 33·0 35·3 GRS. 0·872	NO RETURN.	38·4 24·8 11·2 50·8 26·0 35·7 GRS. 0·891	NO RETURN.	NO RETURNS.	37·2 24·2 11·8 49·0 24·8 35·3 GR8. 0·923	38·3 28·1 9·0 52·4 24·3 35·4 GRS. 0·896
Degree of Humidity (Saturation-1,000) Prevailing Winds Rain Ozonometer Moffat Schonbein			8W 1·442 4·00 0·14	Amulsii Germani	742744	W 1-380 4-60	W 1·368

January, 2nd, 1868.

JOHN HEAP, Royton, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

OL. IX.]

WEEK ENDING SATURDAY, JANUARY 9, 1869.

No. 441

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, January the 9th, 1597 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1387, and in the corresponding week of last year it was 1619. The deaths during the week amounted to 62, being at the rate of 1 death to every 25 cases.

The present return is unfavorable.

Scarlatina has increased in prevalency during the week, the cases having risen from 32 to 47. Seventeen of the cases occurred in Manchester, 26 in Salford, 2 in Hulme, and 2 in Chorlton.

Eleven cases of Measles are returned, being 3 less than in the previous week. Nine occurred in Salford, 1 in Ardwick, and 1 in Chorlton.

Diarrhœa and Dysentery are on the increase the numbers for the last three weeks being 15, 22, and 36.

The Fever return is also unfavorable, 65 cases are reported, being an increase of 20 upon the return of the preceding week. Twenty-one cases are assigned to Continued Fever, 32 to Typhus, and 12 to Typhoid Fever,—17 cases of Typhus Fever were treated in the Manchester Workhouse, 7 in the Royal Infirmary, and 4 in the Chorlton Union Workhouse.

Bronchitis and other acute chest diseases are becoming more prevalent, the numbers for the last three weeks being 195, 238 and 302

Not a single case of Whooping-Cough occurred during the week.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 304 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-seven deaths were caused by diseases of the lungs, 29 by Scarlatina, 22 by Fever, and 7 each by Measles and Diarrhea.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 45.7°; at the Salford Observatory it was 42.8°; at Eccles 42.1°; and at Old Trafford 42.1°.

JOHN ROBERTS, M.D., Hon. Sec.

MMITTEE ROOMS,

33, PALL MALL, MANCHESTER

MANCHESTER AND SALE

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

Association.	T	nt	imi	E	Y	im	MA	NCI	IEST	ER.	T	Sti	11	mi	T	1
Area in Statute Acres Population in 1861	1						Man	chest	er To	wnshi	-	1,645 5,050				
		P	oor L	AW I	DISTR	icts.			297 15	-	BLIC	Inst	ITUTI	ons,		38
I have been been been been been been been be		W'8	1 80	1		el's	1	le.		ROYAI	INF	IRMAI	RY.	-	LDRE	i i
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	St. Michael's	Total of	Workhouse.	In- nationte	Out-	District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	
THE MEAN PROPERTY	St. 1	St.	St.	Cath	St. J		Tota		In	pati	Dist	Did I	Dig	St. Ho	Chi	1.00
	1	2	3	4	5	6		7	8	9	10	11	12	13	14	1
Small-pox						1.		2		1						1.
Measles	125	744	11													1
Scarlet Fever		2	1.	al	1		4	2	1	1			3	4	2	
Diphtheria								1								1
Whooping-cough																1
Croup	170								1							
Diarrhœa	. 1 1 1 3 1 7 4														1	
Dysentery																
Malignant Cholera								1				1				
Erysipelas				al			1		1		2					
Continued Fever	2	al	5	1	al		10			.,						
Typhus					O.D.			17	7			1				
Enteric or Typhoid									1							
Febricula	2				1	- 5	8		1	1	1		3	8	1	
Ague												4.				
Rheumatic Fever									2	6	2	4	4	1		
Puerperal Fever																
Bronchitis and Catarrh	6	7	2	5	6	7	33	12	1	41	4	4	8	11	9	-
Influenza																
Pleurisy and Pneumonia	2				1	1	4	3	!	4			2		5	
Phthisis			1			1	2	3		18	4	3	4	6	2	1
431 4	200	10	18	7	5	26	81	69		134	2	5	6	48	57	4
Accidents	1	2			**	4	7		9	113	1	2	3			
TOTAL			26	15	15		152	115	44	324	16	19	35	85	81	19
	-	2 Ren	noved	to Wo	rkhou	se.								AT DESC		-

N.B.-Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),,J. P. SLEIGHTHOLME,

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (9) Mr. W. H. CARRUTHERS, (10) , J. PORTER, (11) (12) , C. CURRIE RITCHIE,

Medical Officers to whom the Association

(13) Mr. H. RUNCOR) (14) " J. FINLAYSO (15) " J. OGDEN FLI (16) " J. TEALE,

ANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 9th day of January, 1869.

-	and the same of	ALIEN SE	NEAD OF STREET	-	-	-	estambacues	-	-	-	-	-	STREET, SQUARE		OR STREET, SQUARE, SQU
SAL	FOR	D.		н	JLM	Е.	CHO TO		ARD- WICK	PE	NDL	ETON	AND RY.	. Carmeregu	
5021	1,329 0,967						64		508. 21739			2650 24,448.		Area in Statute Acres. Population in 1861.	N. H.
RLAW		UBLI			or La		District.		District.	Ancoats	Union ouse.	lubil.	reek		co.
Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.		Medlock.	St. Philip's	Poor Law	Dispensary.	Poor Law	Ardwick & Dispens	Chorlton	Total.	Corresponding W. last Year.	DISEASES.	DEATHS
17	18	19	20	21	22	23	24	25	26	27	28		0	A promise legislate	
1												3		Small-pox	
		9							1		1	11	7	Measles	3
	9	17		1	1			2				47	22	Scarlet Fever	4
														Diphtheria	
													47	Whooping-cough	
				1							**	1	2	Croup	
		2	1	,.		1		2			5	35	31	Diarrhœa	1
												1	2	Dysentery	**
														Malignant Cholera	
1		2			2					1		11	7	Erysipelas	
	1	3		1		3		1			2	21	22	Continued Fever	
		1								2	4	32	27	Typhus	12
2		3					1	a2	1	2		12	6	Enteric or Typhoid	**
1				1		7	5	1	3			43	26	Febricula	1
1							.,							Ague	
2				3			1		1		1	27	48	Rheumatic Feyer	
														Puerperal Feyer	
6		39	5	3	7	9	4	11		12	40	275	301	Bronchitis & Catarrh	6
		1										3	15	Influenza	
		3						1			1	24	23	Pleurisy & Pneumonia.	1
		10					2	4	3	2	7	70	63	Phthisis	9
		7									6	27	48	Constitutional Syphilis	24
11	3	95	3	11	9	19	26	33	6	22	66	744 210	690	All other diseases	1
5		43		2	1	••		8	1	10	-			TOTAL	62
29	13	235	9	23	20	39	39	65	16	51	136	1597	1619	10141	

ndebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Cheriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	1 2 14 24	4 1 9 al4	4 1 11 11 14	3 	: : : : : : : : : : : : : : : : : : :	5 5 62 4 c11	2 1 1 1 012	2 2 6 d13	1 2 e2 e2 14 d11	5 3 1 15 13	 2 1 	7 29 7 22 97 142	1 8 29 8 5 19 106 146
TOTAL No. OF DEATHS.	41	28	41	22	27	22	18	23	30	37	15	304	322
TOTAL No. of BIRTHS.	51	65	12	18	18	36	46	11	34	42	25	358	328

a 3 Inquests. b Typhoid. c 2 Inquests. d 1 Inquest. c 1 Typhus and 1 Gastric. f 1 Typhoid.

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680. At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390, 815.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL
1 53 93 1 32 2 387 2 387 2 38 4 4 9 55 69 872 48 95 37 4232	2 71 76 51 3 208 81 18 3 7 61 942 6 54 73 30 3483	2 52 46 1 50 1 204 20 12 2 1 67 3 55 868 2 45 62 19 3241	5 176 215 2 133 6 799 2 89 34 9 17 183 3 200 2682 147 230 86 10956	Measles Measles Scarlet Fever Diphtheria Whooping-cough Croup Diarrhea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis	3 2 290 11 41 248 268 108	13 32 175 3 1 2 139 9 20 188 175 81 206 3 57 1 1138 109 270 167 3634	23 18 158 158 117 4 118 113 167 60 161 1 61 1063 18 72 219 159 3447	44 82 618 6 8 4 546 24 79 549 608 249 635 5 200 3 3 3333 99 305 807 509 11854
6038	5195	4753	15986	Accidents, and all other Diseases	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN DECEMBER. Inches. Wet Days. Royton 9-300 29 Wilmslow Salford Old Trafford Penketh 6-994 29 Eccles	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MackerethEsq	Wilmslow, J. Thompson, Esq.	Royton, J. Hear, Esq.	Warrington L.W.ReynoldsEsq
Heightof barometer cisternabovesea leve Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. 1NS. 30·042 30·442 29·336 1·105	108 ft. 1N8, 30-043 30-377 29-287 10090	145 ft, 1NS, 30·046 30·379 29·180 1·199	145 ft. 1Ns. 30·043 30·377 29·287 1·090	251 ft. 188.	544 ft. INS. 30:046 29:918 28:810 1:108	43 ft, 1N8. 30·028 30·474 29·322 1·152
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Eygrometrical condition of	46-9 9-0 3-3 50-0 41-0 42-7	42·8 21·7 9·6 54·0 32·3 40·8	42·1 23·5 14·2 53·5 30·0 38·3	42·1 24·5 11·9 53·5 29·0 39·2	RETURNS.	40·4 21·8 12·4 52·0 30·2 38·6	41:1 27:2 11:5 54:4 27:2 39:1
Degree of Humidity (Saturation-1,000)	ons. 0.850	GRS. 0.928	ons. 0.877	0.899	NO	0.932	GRS, 0-922
Prevailing Winds		8,SE 0.377	8 E 0·382	8,SE 0.393	MIL DIVE	SW 0-560	S,SW 0.240
MoffatSchonbein	::::	3.85	4·29 0·86	::::	-750	3.27	4.40

January 9, 1869.

JOHN HEAP, Royton, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

or. IX.

WEEK ENDING SATURDAY, JANUARY 16, 1869.

No. '442

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, January the 16th, 1646 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1597, and in the corresponding week of last year it was 1723. The deaths during the week amounted to 59, being at the rate of 1 death to every 27 cases.

This return is unfavorable.

There is a considerable increase in the cases of Small Pox, last week 3 were observed, in the week under notice 15 came under treatment. These 15 cases occurred in Manchester.

Forty-five cases of Scarlatina are returned, being 2 less than in the preceding week. In the corresponding week of last year the number was 16. Nineteen cases occurred in Manchester, 19 in Salford, 3 in Hulme, and 4 in Chorlton. Though this disease continues to be so prevalent, the mortality among the cases treated in public practice is low. In the last three weeks 124 cases have been observed and 7 deaths have been registered, being 1 death to every 17 cases.

There is a slight increase in the Fever return, 68 cases being reported instead of 65. Twenty-six cases were assigned to Continued Fever, 30 to Typhus, and 12 to Typhoid Fever,—11 cases of Typhus were treated in the Manchester Workhouse, 2 in the Royal Infirmary, and 8 in the Chorlton Union Workhouse.

Bronchitis and other acute chest diseases remain much the same as in the preceding week, 300 cases being returned instead of 302.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 245 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Sixty-seven deaths were caused by diseases of the lungs, 31 by Scarlatina, 17 by Fever, and 4 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 40.4°; at the Salford Observatory it was 43.0°; at Eccles 42.1°; and at the Royal Infirmary 43.1°.

JOHN ROBERTS, M.D., Hon. Sec.

MMITTEE ROOMS,

33, PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment 1

							MA	NCH	EST	ER.						
Area in Statute Acres Population in 1861	1000000						Mano	hesto		vnshi		,645 5,050				
		Po	or L	AW I	ISTRI	CTS.				Pu	BLIC	Insti	TUTIO	ons.		
		N. S	00	1	-	l's	1		B	LOYAL	Infi	RMAB	y.	Сни	DREN	
DISEASES.	1 St. Peter's	N St. Andrew's	& St. George's	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	J Workhouse.	o In-	6 Dut-	O District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.	1
Small-pox			1	-	1	4	5	3	4			2			1	
Measles		1	2		1	1	3	1								
Scarlet Fever		1		c3		1	5	1	2			2	3	5	1	
Diphtheria	Į,Į			1.												
Whooping-cough	ni n	107		o il	077		000		the	ni i		10.0		700		
Croup	70.0	1	6 1	1	10		Bur	d e	0	6010			7.0	1 10	in h	
Diarrhœa		3			1	1	5	3	Lines Late					7	1	
Dysentery			1.						0.5							
Malignant Cholera														.30	0.00	
Erysipelas		1 88	La	min.	1.00		1.51	3	1	81	1	1	1	E		
Continued Fever	al		9	al	4.1		11		10					0.01	1 111	
Typhus	a2	00.			al	0.00	3	11	2			1	1		6.0	100
Enteric or Typhoid	1.07	mi e		1	ma l	77.5	do. 1	3	1		.19		1		ten!	
Febricula			3		1		4	11	1	1	1	2	1	9	ineb	
Ague		6.3	049	0 ,0					381							100
Rheumatic Fever	4.0	7.3							1	5	2	1	5			
Puerperal Fever					ordal	oW.	min	1.0	1	2.0			1.		0.1	-
Bronchitis and Catarrh	3	12	4	6	64	13	42	9	1	29	6	8	6	20	12	
Influenza																
Pleurisy and Pneumonia						3	3	2	1						1	
Phthisis	.:	1			2	2	5 2	10		13	3	1	3	5		
All other Diseases	13	9	11	10	610	18	71	60	26	50	3	4	6	53	67	
Accidents	3	2				2	7		17	93						
The state of the s	23	28	30	20	19	- 11	166		S. T. VIII.		16	22	27	99	83	1
a Removed to Worl	khous	e.	ь	1 Rem	loved t	o Wo	rkhouse		c 2	Remo	ved to	Worl	khous	07/	agree.	
,, J. BROADBENT, (6) D	r. L.	WES'	TIUS ARD, TMOR	ELAI	ND.	(9) (10) (11) (12)	Mr. W	H.C	ARRUER,	THE	RS,) Mr.	Asse H. R J. FI J. OGI J. TE	UNCONLAY DEN 1	01 78 F1

ANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 16th day of January, 1869.

-	ES NUMBER	-	-	1	-	-	1	сно	RL-	ARD-	PE	NDL	ETON	AND I	751	
L	SAL	FOR	D.		HU	JLMI	s.	TO	N.	WICK	1	PENI	LEBU	RY.	RELEGIS	
		1,329 0,967				477. 8 209		646		508, 21739			2650 24,448		Area in Statute Acres. Population in 1861.	
· ·	LAW	11	UBLI			OR LA									Topulation in 1861.	
	RICT		ITUT			STRIC		stric		stric	Ancoats	ion		Week	and the second second	i
	Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Dispense	Che	Total.	Corresponding Value of Inst.	DISEASES.	DEATHS
6	17	18	19	20	21	22	23	24	25	26	27	28		0		
Г													15		Small-pox	
			7										11	6	Measles	1
-		1	14		1	2		2	1			1	45	16	Scarlet Fever	2
															Diphtheria	
														59	Whooping-cough	
															Croup	
			1	3	1							1	30	32	Diarrhœa	
*	1.													1	Dysentery	
	1.														Malignant Cholera	
1													7	7	Erysipelas	
					1			1				1	26	23	Continued Fever	
		3	2		a2	al	1		3			8	30	32	Typhus	7
-	2		2					1				1	12	2	Enteric or Typhoid	
-	2		1					1	d2			1	53	52		
			2		3	3	6	2	4			1	93		Febricula	
-														3	Ague	
					1							2	17	40	Rheumatic Fever	
			1										3	1	Puerperal Fever	
3	10		44	6	7	6	3	8	11	1	11	30	276	324	Bronchitis & Catarrh	9
	1		2										5	16	Influenza	
-			4	1	1	1			1	1:	1	3	19	23	Pleurisy & Pneumonia.	2 7
5	2		13			1		3		1 1	4	2	63 29	74 49	Phthisis Constitutional Syphilis	1000
-	3	9	5 102	3	7	7	16	30	29	6	27	70	785	756	All other diseases	30
3	19		67		1				12	1	17	4	222	20 7	Accidents	
1	39	13	267	13	25	21	26	47	63	10	60	128	1646	1723	TOTAL	59
-	100	-		-	l 1 Re	moved		orkhou	ase an	d 1 to	Infir	nary.	Pff	12-11-11	And and to out the	

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Retnen af Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington,	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles		1		-;				3				1	
Whooping-cough					**	**				**			10
Scarlatina	i	3	i	2	i	8	2	3	2	7	i	31	17
Diarrhœa			1		i	1						3	10
Fever	2	1	10			cl		1080		f3		17	15
Diseases of the Lungs	12	6	6	5	7	11 d7	4	3	3	f3 7 ;5	3 el1	67	19 17 10 15 76 128
Other causes	9	all	15	9	b7	1000	e23	a7	8		ell	122	128
TOTAL NO. OF DEATHS.	24	22	33	17	16	28	29	16	13	32	15	245	270
TOTAL No. OF BIRTHS.	40	45	17	19	21	24	38	12	40	47	29	332 (301

al Inquest. b3 Inquests. c Typhoid. d4 Inquests. c2 Inquests. f1 Typhus

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161630.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.
Population in 1861, 390,815.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.	4 Weeks ending 23th Nov.	4 Weeks ending 26th Dec.	TOTAL
1	2	2	5	Small-pox	8	13	23	44
53	71	52	176		32	32	18	82
93	76	46	215	Searlet Fever	285	175	158	618
1		1	2	Diphtheria	3	3		6
32	51	50	133	Whooping-cough	3 2	1	4	8
2	3	1	6		2	2		4
387	208	204	799	Diarrhœa	290	139	117	546
2		**	2	Dysentery	11	9	4	24
38	44	41	::	Malignant Cholera	::	::	::	79
38	31	20	89 34	Erysipelas	41	20	18	
9	18	12	9	Continued Fever	248 268	188	113 167	549 608
9	9	2	17	Typhus	108	175	60	249
55	61	67	183	Enteric or Typhoid	268	206	161	635
1 1 1 1 1 1 1		3	3	Ague	1	3	101	5
69	76	55	200	Rheumatic Fever	82	57	61	200
3.00			Den 1.	Puerperal Fever	2	1		3
872	942	868	2682	Bronchitis and Catarrh	1132	1138	1063	3333
4	6	2	12	Influenza	47	34	18	99
48	54	45		Pleurisy and Pneumonia	124	109	72	305
9.5	73	62	230	Phthisis	318	270	219	807
37	30	19	86	Constitutional Syphilis	183	167	159	509
4232	3483	3241	10956	Accidents, and all other Diseases	4773	3634	3447	11854
6038	5195	4753	15986	TOTAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN DECEMBER. Inches. Wet Days. Royton 9.300 29 Wilmslow	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.Vernon, Esq	Eccles, T.MackerethEso	Wilmslow, J. THOMPSON, ESQ.	Royton, J. HEAP, ESQ.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cisternabove sea level Barometer. Mean @ 32° F., and reduced to sea level Highest	130 ft. 188. 30:027 30:234 29:446 0:788	108 ft. 1N8, 29:989 30:199 29:343 0:856	145 ft. INS.	145 ft. 1N8. 29:989 30:195 29:343 0:856	251 ft. INS.	544 ft. INS. 29:945 29:760 28:914 0:846	43 ft. INS.
Adopted Mean stange for Week Daily Range Maximum in Shade Minimum in Shade Femperature of Dew Point Hygrometrical condition of	38.7	43·0 11·9 6·6 49·1 37·2 38·3) RETURN.	42°1 13°5 7°7 49°5 36°0 38°5	RETURNS.	41·2 18·8 11·4 49·4 30·6 38·4	NO RETURN.
Degree of Humidity (Saturation-1,000) Prevailing Winds	0.845	GRS. 0·834 SE 0·412	NO	GRS. 0·878 SE 0·419	NO	GRS. 0:895 SE 0:592	NO
Moffat Schonbein		::::		2.42		2.50	N AND DE

January 16, 1869.

JOHN HEAP, Roytor, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.]

WEEK ENDING SATURDAY, JANUARY 23, 1869.

No. 443

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, January the 23rd, 1600 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1646, and in the corresponding week of last year it was 1942. The deaths during the week amounted to 49, being at the rate of 1 death to every 32 cases.

There is this week an improvement in the return of zymotic diseases.

The number of Scarlatina cases has fallen from 45 to 36. Seventeen of these cases occurred in Manchester, 13 in Salford, 2 in Hulme, and 4 in Chorlton.

Small Pox has not been so prevalent during the week, the number of cases having fallen from 15 to 7. Five of these were observed in Manchester and 2 in Salford.

There is also a decrease in the number of cases of Measles, 9 being returned instead of 11. These 9 cases were treated at the Salford Dispensary.

The number of Fever cases treated in the public practice of Manchester and Salford during the week was less than in the preceding week,—61 cases being returned against 68. Twenty-two cases were ascribed to Continued Fever, 29 to Typhus, and 10 to Typhoid Fever,—15 fever cases were treated in the Manchester Workhouse, 3 in the Royal Infirmary, 3 in the Chorlton Workhouse, and 10 at the Salford Dispensary.

DEATHS.—The Number Registered in Manchester and Salford, and their Causes.

The cases of Bronchitis and other acute chest diseases have risen from 300 to 329.

Last week 229 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventy-seven deaths were caused by diseases of the lungs, 21 by Scarlatina, 12 by Fever, and 6 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 36.6°; at the Salford Observatory it was 42.5°; at Eccles 41.6°; and at Old Trafford 40.8°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

33, PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC 1

New Cases of Disease coming under Treatment I

martin pa							MA	NCI	IEST	ER.	46	1 20	AT S	HE S	YE	
Area in Statute Acres Population in 1861								hest	er To	wnshi	-	1,645 5,050				
			-	AW I	ISTR	icts.		T		187		Insti	TUTI	ons.		
		00	00	1	1	l's	11	1	1	ROYAL	INF	RMAE	y.	Снп	DREN	
DISEASES.	1 St. Peter's	St. Andrew'	& St. George's	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	Workhouse.	o In-	6 Out-	O District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.	City Gan
Small-pox	-		-	-		- 2	2	1	2	-						-
		1							1			123				
Measles		1		"	1			1.	1:					0		1
Scarlet Fever		1		1		100	2	10	4		"	1	5	5	**	
Diphtheria																
Whooping-cough			1	1			1									
Croup																1
Diarrhœa		1				1	2	2		2				7	2	
Dysentery					1	1	2									1
Malignant Cholera																
Erysipelas	0 10		163		1.	1000	lane.	2			1	la Indi	it on	Letter 1		
				1:			1	10	1.		1					1
Continued Fever	3	al	2	al	"		7	1					1			1
Typhus	••		••					13	3			1	4			1
Enteric or Typhoid								1					1		1	
Febricula						4	4		3			1	1	10	3	1000
Ague																
Rheumatic Fever					1		1		1	9	1		4			
Puerperal Fever								1							e.	
Bronchitis and Catarrh	7	7	2	11	10	8	45	11		45	3	5	5	22	17	
Influenza									1107					SHE		
Pleurisy and Pneumonia	1	**			2	3	6	1	**				2			
Phthisis								3	1	11	3	1	3	4		•
Constitutional Syphilis								10		10					2	
All other Diseases	20	5	6	6	4	15	56	85	18	128	4 -	6	7	83	65	
Accidents	1	1		1		2	5		14	85			1			
TOTAL	32	16	10	21	18	36	133			290 orkhou		15	33	31	90	18

Medical Officers to whom the Association

1) Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH.

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),,J. P. SLEIGHTHOLME,

(9) Mr. W. H. CARRUTHERS, (10) , J. PORTER, (11) , C. CURRIE RITCHIE,

(13) Mr. H. RUNCORN, (14) ,, J. FINLAYSON, (15) ,, J. OGDEN FLET (16) ,, J. TEALE,

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

ANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 23rd day of January, 1869.

SA	LF	RD.		E	ULM	TE.	CH	ORL-	ARD		END. PEN	LETON	AND JRY.		
	1,3 70,9	67.				9	277-10-1	46 ,850 .	508 2173			2650 24,448		Area in Statute Acres. Population in 1861.	
RICI		PUB	TIONS	_ I	oor I		strict.		strict.	Ancoats	Union use.	1	reek		in
L Regent Road.	Workhouse.			1	M	St. Philip's	N Poor Law District.	Dispensary.	Poor Law District.	S Ardwick & Anc	Chorlton		Corresponding W.	DISEASES.	DEATHS
		2		1								7	2	Small-pox	3
		9		1								9	3	Measles	
	2	11		1	1)			3	36	25	Scarlet Fever	
														Diphtheria	
				1								1	45	Whooping-cough	
		1											- 1	Croup	
1		2	2		1			3	al	1	1	32	32	Diarrhœa	
							1					4	2	Dysentery	
														Malignant Cholera	
										1		4	7	Erysipelas	
	6	5		1	al							22	20	Continued Fever	1
		3								1	3	29	47	Typhus	5
1		2					1	2		1		10	5	Enteric or Typhoid	1
1		4		3	3	4	2	3			2	27	51	Febricula	
													1	Ague	
		2					1	2		1		23	33	Rheumatic Feyer	
		1										2	3	Puerperal Fever	
9		46	6	7	2	5	8	7	2	10	45	311	360	Bronchitis & Catarrb	8
													4	Influenza	
1		3	::			1	1	4		1 2	3 9	18	36 80	Pleurisy & Pneumonia.	
		4	1				3				5	37	36	Phthisis	11
2	5	78	2	9	13	14		24	8	22	70	749	896	All other diseases	15
3		59		1	••		-	12		19	1	201	253	Accidents	5
9	13	244	11 /	22	22	24	41	58	11	59	142	1600	1942	TOTAL	49

lebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20) Dr. BRADDON,

⁽²¹⁾ Mr.S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return af Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington,	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnc.	Deansgate Dis., Mr. Thomason,	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-Mr.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	2 2 1 17 15	1 2 9 a10	··· ·· ·· ·· ·· ·· ·· ·· ·· ··	:: 1 :: 3 5 5	 5 4 8	 1 63 9 5	:: 1 :: 3 11	3 1 3 a4	 3 1 2 6 di3	 6 c2 10 19	 	1 6 1 21 3 12 77 108	3 28 16 2 13 101 138
TOTAL NO. OF DEATHS.	37	22	20	14	18	18	16	11	25	37	11	229	301
TOTAL NO. OF BIRTHS.	49	33	20	16	20	32	40	25	34	52	18	339	328

a 1 Inquest.

b Typhoid.

c Typhus.

d 1 Diphtheria.

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in MANCHESTER and SALFORD. Population in 1861, 390, 815.

-		-	r root, rot			1001, 000,	-	-
5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Week ending 31st Oct.	s 4 Weeks ending 28th Nov.	Weeks ending 26th Dec.	TOTAL
1 53 93 1 32 2 387 2 387 2 38 4 4 9 55 69 872 4 48 95 37 4232	2 71 76 51 3 208 31 18 3 7 61 942 6 54 73 30 3483	2 52 46 1 50 1 204 20 12 2 1 67 3 55 868 2 45 62 19 3241	183 3 200 2682 12 147 230 86	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Oroup Diarrhea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricala Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Diseases	285 3 3 2 290 11	13 32 175 3 1 2 139 9 200 188 175 81 206 3 57 1 1138 34 109 270 167 3634	23 18 158 4 117 4 18 113 167 60 161 1 161 1063 72 219 3447	44 82 618 6 8 4 546 24 549 608 249 635 249 635 200 3 3333 99 305 807 809 11854
6038	5195	4753	15986	TOTAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN DECEMBER. Inches. Wet Days Royton 9-300 29 Wilmslow 8-101 28 Salford Old Trafford 8-123 29 Penketh 6-994 29 Eccles	Royal Infirmary, Dr. Reed.	Ealford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MACKREETHESQ	Wilmslow, J. Thompson, Esq.	Royton, J. HEAP, ESQ.	Penketh, Warrington L.W.Reynolds Esq.
Heightof barometer cisternabove sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. 1NS. 30-227 30-416 28-846 0-570	108 ft. 1N8, 30:258 30:325 29:883 0:442	145 ft. TNS. 30-259 30-322 29-856 0-466	145 ft. 1N8. 30·258 30·325 29·883 0·442	251 ft. 1NS.	544 ft. 1N8. 30-237 29-872 29-414 0-458	43 ft. INS.
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	34·0 39·2	42:5 17:8 5:5 50:9 33:1 38:6	40.8 20.5 9.8 53.5 33.0 36.7	41.6 23.4 6.9 55.5 32.1 38.6	RETURNS.	40·0 22·0 11·2 52·0 30·0 38·1	RETURN.
the Atmosphere. Degree of Humidity (Saturation-1,000) Prevailing Winds Rain Ozonometer. Moffat Schonbein	0.888	GRS. 0·864 SE 0·363	GRS. 0·856 E,S,SE 0·410	GRS. 0-902 SE 0-372 0-42	NO	GRS. 0-931 SE 0-400	NO

January 23, 1869.

JOHN HEAP, Royton, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.]

WEEK ENDING SATURDAY, JANUARY 30, 1869.

No. 444

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, January the 30th, 1662 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1600, and in the corresponding week of last year it was 1761. The deaths during the week amounted to 71, being at the rate of 1 death to every 23 cases.

Small Pox continue to decline, the numbers for the last three weeks being 15, 7, and

5. The 5 cases for this week occurred in Manchester.

Measles remains much the same as in the preceding week, 10 cases being returned instead of 9. Eight of these occurred in Salford and 2 in Chorlton.

Scarlatina is very prevalent; 44 cases are returned, being 8 more than in the previous week. In the corresponding week of last year the number was 24. Nineteen cases occurred in Manchester, 11 in Salford, 11 in Hulme, and 3 in Chorlton.

There is a slight improvement in the Fever return, 56 cases being reported instead of 61. Sixteen cases were assigned to Continued Fever, 20 to Typhus, and 20 to Typhoid Fever,—15 fever cases were treated in the Manchester Workhouse, 3 in the Royal Infirmary, and 4 in the Chorlton Union Workhouse.

Bronchitis and other acute chest diseases have increased in prevalency during the last three weeks, the numbers for those weeks being 300, 329, and 347.

Not a single case of Whooping-Cough occurred during the week.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 281 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-four deaths were caused by diseases of the lungs, 40 by Scarlatina, 15 by Fever, and 7 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 40.7°; at the Salford Observatory it was 41.9°; at Eccles 40.6°; and at Old Trafford 40 3°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

33, PALL MALL, MANCHESTER.

MANCHESTER AND SALI

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

maileinnas IP	1	54 F	-	30	1	40	MA	NCE	EST	ER.	us.	J.	• 1		YES	7
Area in Statute Acres Population in 1861									er To	wnshi	-	1,645				
Population in 1861	-			AW I	114000000		-	,,		",		5,050 Inst			••••	• •
	-	1 00	JOR I	AW I	ISTR		11	-	1 ,	ROYAI					LDREN	-1
	1,8	Andrew'	George's	al	00	Michael's		use.		1	H	1	1	-		
DISEASES.	St. Peter's		Geor	Cathedral	Jude's	Mic	Total of Districts.	Workhouse.	In- patients.	Out-	District	District 11	District III.	St. Mary's	Clinical Hospital.	1
		St.	St.	4 Ca	St.	9 St.	To	7	10000	la constitue		Fig.			1000	
ORDER ON A STORES	1	2	3	- 4	5	-	1	1	8	9	10	11	12	13	14	-
Small-pox					1	1	1	1	2						1	
Measles	10	61		**												-
Scarlet Fever		1	1	al	1		4	1	2			1	5	4	2	-
Diphtheria								1					**	**		1
Whooping-cough								1								
Croup																
Diarrhœa					1			3						5	3	I
Dysentery								1						les.		
Malignent Cholera																I
Erysipelas										3						
Continued Fever			1	63	al		5								1	
Typhus				al			1	13	1			1	2			
Enteric or Typhoid							1	2	2				4			
Febricula			2	1	1	5	9	1				1	1	12	1	I
Ague	Perce I															II
Ague Rheumatic Fever Puerperal Fever			1	1			2			18	2		5	1		H
			••													
Bronchitis and Catarrh	5	13	5	9	6	9	47	12		51	2	4	10	14	13	
Influenza	1000			0.00		**										
Pleurisy and Pneumonia		1	2		1	1	1 4	3	1	35	**	6	5	4		
Constitutional Syphilis								13		5			1		1	
All other Diseases	18	9	14	11	4	13	69	79		135	3	5	14	74	86	
Accidents	2					1	3		13	79	1		**		1	-
TOTAL	25	24	26 a H	27 temov	14 ed to V	30 Vorkh		136		326 moved	8 to W	18 orkho		114	110	-
								-	100				-	-	-	+

Medical Officers to whom the Association

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD. (7) Mr. J. WESTMORELAND, (8) , J. P. SLEIGHTHOLME,

(9) Mr. W. H. CARRUTHERS, (10) , J. PORTER, (11) , C. CURRIE RISCHIE, (12)

(13) Mr. H. RUNCOI (14) " J. FINLAYS (15) " J. OGDEN FI (16) " J. TEALE,

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 30th day of January, 1869.

	-		-	-	_	_	-	-		_	-	_	_			-
SA	ALI	FOR	D.	1	н	JLMI	в.	CHO TO		ARD- WICK			ETON LEBU		4.	
		,329 ,967						646		508. 21739			2650 24,448		Area in Statute Acres. Population in 1861.	5
OR LA	W		UBLI			or La		strict		District.	Anceats	Union ouse.	- 6	Week	ognil of leasur	S.
Regent Road.	and and	Workhouse.	Dispensary.	Salford County Gaol.	George's.	Medlock.	St. Philip's	Poor Law District	Dispensary.	Poor Law Di	Ardwick & And Dispensary.	Chorlton Unio	Total.	Corresponding V	DISEASES.	DEATHS
6 1'		18	in 19	20	# 21	22	23	24	25	0.000	27	28		Corre	Company of the	
	-												ō		Small-pox	2
	1		7									2	10	9	Measles	1
	-		11		6	2	-3		2			1	44	24	Scarlet Fever	2
															Diphtheria	
														45	Whooping-cough	
								1	1				2	1	Croup	1
	1		2	3					1		1	2	25	28	Diarrhœa	1
,								1					2	6	Dysentery	
															Malignant Cholera	
	1										1		5	6	Erysipelas	
		2	3				1		1			3	16	23	Continued Fever	1
								al				1	20	28	Typhus	3
	3		3					1	5				20	6	Enteric or Typhoid	1
	2		4		2	4	5	3	3		1		52	27	Febricula	
														1	Ague	
,								1		1	1	1	30	47	Rheumatic Feyer	
8														2	Puerperal Fever	
	8		40	7	11	13	11	6	10	4	10	45	333	324	Bronchitis & Catarrh	8
													2	6	Influenza	
			4	1		1		1				1	12	39	Pleurisy & Pneumonia.	
	1		12			1	3	2	3		2	9	99	73	Phthisis	15
			5					1		1		2	32	53	Constitutional Syphilis All other diseases	26
283	2	2	79	3	10	11	15	28	25	4	23 19	52	772 181	779	Accidents	3
1	2	••	45		2	1			11	-		-	-		TOTAL	71
31 3	11	4	215	14	31	33	38	46	62	9	58	122	1662	1761	10140	

s indebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

⁽²¹⁾ Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M. WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

n the reports of the Association, and has as far as practicable, been taken into account in the conclusions rawn from the weekly returns.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. 1h mason,	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox	1 6	1 1 2	3 1 2	i	::	9		2	::		`i	4 7 40	2 22 26
Diarrhœa Fever Diseases of the Lungs Other causes	i 11 11	2 13 a12	5 11 22	1 1 2	3 69	1 cl 8 2	1 d2 4 12	2 6 11	8 e19	1 17 20	1 3 8	3 15 84 128	5 11 67 122
TOTAL NO. OF DEATHS.	30	30	44	7	13	21	22	21	31	47	15	281	255
TOTAL NO. OP BIRTHS.	50	44	20	13	21	38	38	24	37	44	13	342	339

a 3 Inquests. b

b 2 Inquests.

c Typhus. d 1 Typhus and 1 Continued. e 2 Diphtheria and 1 Inquest.

Monthly Return of New Cases of Dise

New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1 61, 161630.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord. Population in 186!, 390, 315.

5 Weeks ending 31st Oct.	4 Weeks ending 28th Nov.	4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTA
1 53 93 1 32	2 71 76	2 52 46 1 50	5 176 215 2 133	Small-pox Measies Scarlet Fever Diphtheria Whooping-cough	-8 32 285 3	13 32 175 3	23 18 158	618 618 618
387 2	208	204	799 2		290 11	139 9	117 4	546 24 79
38 4 4 9 55	31 18 3 7 61	20 12 2 1 67	34 9 17	. Erysipelas . Continued Fever . Typhus Enteric or Typhoid Febricula	41 248 268 108 268	20 188 173 81 206	18 113 167 60 161	79 549 608 249 685
69 872	942	3 55 868	2682 2682	Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh	1 82 2 1132	3 57 1 1138	1063	200 3 3333
4 48 95 37 4232	6 54 -73 -30 3483	2 45 62 19 3241	147 230 86		124 318 183 4773	34 109 270 167 3634	18 72 219 159 3447	99 303 807 509 11854
6038	5195	4753	15986	POPAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN DECEMBER Inches. Wet Days. Royton 9-300 29 Wilmslow 8-101 28 Salford Old Trafford 8-123 29 Penketh 6-994 29 Eccles	Royal Infirmary, Dr. Reed.	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MACKERETHESQ	Wilmslow, J. THOMPSON, ESQ.	Royton, J. Heap, Esq.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level Barometer. Mean @ 32 ° F., and reduced to sea leve. Highest	100 16.	108 ft. 288, 29:515 30:035 28:829 1:206	145 ft. 188, 29:519 30:020 28:738 1:282	145 ft. 188. 29:515 30:035 28:829 1:206	251 ft. 1N8.	544 ft. INS. 29:532 29:612 28:409 1:203	43 ft. 1N8. 29·522 30·124 28·903 1·221
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Cemperature of Dew Point Hygrometrical condition of	0.0	41·9 23·4 9·3 53·2 29·8 37·0	40:3 26:0 12:6 53:0 27:0 37:6	40:6 25:6 11:1 52:6 27:0 37:2	RETURNS.	39·2 27·5 12·7 52·3 24·8 37·3	40 3 26·4 11·6 52·4 26·0 37·8
the Atmosphere Degree of Humidity (Saturation-1,000)	GRS. 0.931	GRS. 0:842	GRS. 0.904	GRS. 0.880	NO	GRS. 0 933	0.908
Prevailing Winds Rain Ozonometer. Moffat Schonbein		S,SSW 0-887	SW,S 0:956 6:00 1:71	8,88W 0.787 4.42	h.com	SE 1-040	SE,S 0.501

January 30, 1869.

JOHN HEAP, Roytor, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.]

WEEK ENDING SATURDAY, FEBRUARY 6, 1869.

No. 445

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, February the 6th, 1703 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1662, and in the corresponding week of last year it was 1638. The deaths during the week amounted to 63, being in the proportion of 1 death to every 27 cases.

Small Pox is becoming more frequent, the cases having risen from 5 to 12. Nine cases occurred in Manchester, 2 in Salford, and 1 in Ardwick.

Measles remains the same as in the previous week, 10 cases being returned. One occurred in Manchester, 7 in Salford, 1 in Hulme, and 1 in Chorlton.

There is a considerable decrease in the number of Scarlatina cases, 30 being returned instead of 44. Twelve of these 30 cases occurred in Manchester, 10 in Salford, 4 in Hulme, and 4 in Chorlton. The deaths from this disease in the eleven registration districts have fallen from 40 to 27.

The Fever return is not favorable, the number of cases having risen from 56 to 67. Twenty-six cases were assigned to Continued Fever, 32 to Typhus, and 9 to Typhoid Fever. The greatest increase occurred in the cases of Typhus, which are 12 in excess of the number for the preceding week.

Four cases of Whooping-Cough occurred during the week; in the corresponding week of last year there were 27.

Bronchitis and other acute chest diseases remain much the same as in the previous week, 346 cases being returned instead of 347.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 267 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventy-six deaths were caused by diseases of the lungs, 27 by Scarlatina, 11 by Fever, and 8 by Measles.

On the 4th of February, Mr. J. TEALE, the Medical Officer for Greengate, died of Fever incurred in the discharge of his professional duties. In him the Association has lost a warm friend and a constant contributor to the Weekly Return.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 49.2°; at the Salford Observatory it was 48.7°; at Eccles 48.0°; and at Old Trafford 47.6°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

33, PALL MALL, MANCHESTER.

MANCHESTER AND SALT

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

anning and an a	1	211	TER	2		90	MA	NCB	EST	ER.	192	100	Y/s	rret		=
Area in Statute Acres	-						Man	2009	1000	1330	p	1,645				
Population in 1861								,,		,,	-	5,050				
		Pe	or I	AW I)ISTR	icts.		1		Pu	BLIC	Inst	ITUTI	ons.		
	-	1 8	0	1		l's	1	1 .	1	ROYAI	INF	IRMAI	RY.	-	DREN	
DISEASES.	St. Peter's	Andrew's	St. George's	dral	de's	St. Michael's	of sts.	Workhouse.	ts.	7 55	ct I.	riot .	riet .	St. Mary's Hospital.	ital.	1
000 .on 2381 ,0 Y)	t. Pe	St. A	t. Ge	Cathedral	St. Jude's	St. M	Total of	Vork	In- patients.	Out-	District	District II.	District III.	St. M	Clinical Hospital.	(Married
Maritalla and Public	1	2	3	4	5	6		7	8	9	10	11	12	13	14	1
Small-pox		al	1	1	al		4	3	1				1			
Measles														1		
Scarlet Fever		2		1	1		4	1	1			a1		3	2	
Diphtheria		1.			1											
Whooping-cough		10		1		1	1							2	2	
Croup			1			1	2									
Diarrhœa	1	0.1				1	3	1						11	3	
Dysentery									ui.							
Malignant Cholera																
Erysipelas						1	1	3								
Continued Fever	1		a5	61	al		8								2	
Typhus			a1			1	2	14	6		61	61	1			П
Enteric or Typhoid									2	1						
Febricula				1		1	2	5		1		1		23	3	
Ague																
Rheumatic Fever			2		2	1	5			5	1	3				
Puerperal Fever											lius					
Bronchitis and Catarrh	10	7	3	9	3	11	43	13	2	42	6	10	10	11	16	
Influenza				100												
Pleurisy and Pneumonia						1	1	4	1						1	
Phthisis			1			•:	1	6		26	2	5	4	4	2	
All other Diseases	11	13	12	7	6	1 17	66	52	22	4	3	5	5	80	73	1
Accidents	2	2		1		1	6			108	1		1			
TOTAL	25	26	26	21	14	37	149	105	54	329	14	26	22		105	19
a Removed to Wo						1000	Infirm		77					house		

Medical Officers to whom the Association

1) Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH.

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),, J. P. SLEIGHTHOLME,

(13) Mr. H. RUNCOR (14) ,, J. FINLAYSO (15) ,, J. OGDEN FL (16) ,, J. TEALE,

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 6th day of February, 1869.

81	AL	FOR	D.		н	LMI	3.	CHO TO	RL- N.	ARD- WICK			ETON LEBU			
		,329),967						646		508. 21739			2650 24,448		Area in Statute Acres. Population in 1861.	
RLATRIC	T		UBLI		Di	STRIC		istrict.	i.	istrict.	Ancoats ary.	Union	di di	Week	of short and be seened to	IS.
Regent Road.	100	8 Workhouse.	6 Dispensary.	Salford County Gaol.	St. George's.	Nedlock.	St. Philip's	N Poor Law District.	Dispensary.	Door Law District.	Ardwick & And Dispensary.	Chorlton Uni	Total.	Corresponding last Year.	DISEASES.	DEATHS
-	-	-	2		-				-	-	1		12		Small-pox	
1.		••	200				1		1				10	4	Measles	
1			7		"				2			2	30	26	Scarlet Fever	4
1.		••	8		4									2	Diphtheria	
													4	27	Whooping-cough	
1.										1000			2		Croup	1
											4	2	35	45	Diarrhœa	i
			4	2		1							3	2	Dysentery	ï
			1					2					13377		Malignant Cholera	
												,	7	12	Erysipelas	
	1										1	1	26	23	10. 1 20 1 10 1 1	,
1.		3	4						5			3		Haras .	Continued Fever	1
	1		2					al					32	16	Typhus	3
	1		3						62				9	6	Enteric or Typhoid	2
	2		2			4	7	6	5		3	6	73	28	Febricula	
															Ague	••
			2	1	1		1	1			2	1	28	49	Rheumatic Fever	••
1.															Puerperal Fever	
3	9		41	5	7	7	8	13	12	10	11	30	323	247	Bronchitis & Catarrh	10
			2										4	ō	Influenza	
			3	2		1		1	1		1	2	19 77	25 68	Pleurisy & Pneumonia. Phthisis	7
		••	12	1	3	2		2	4	1::	1	1	26	54	Constitutional Syphilis	36 36
3	00	2	87	1	14	11	14	25	17	4	25	60	736	745	All other diseases	27
	1		54		3		1	2	13		32	2	247	254	Accidents	3
3	5	5	239	12	32	26	32	53	62	14	82	115	1703	1638	TOTAL	63

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnz.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrheea	3 .2	`i 	4	ï	::	4	3	· · · · · · · · · · · · · · · · · · ·	:: :i	i 6	ï	8 1 27 3	1 19 19 19 5 16 64
Fever Diseases of the Lungs Other causes	1 10 15	3 14 a19	4 2 22	1 88	5 b11	cl 10 4	3 b12	1 6 12	1 8 all	9	8 8	11 76 141	16 64 120
TOTAL NO. OF DEATHS.	31	39	32	12	18	19	18	24	21	36	17	267	244
TOTAL No. OF BIRTHS.	40	57	20	23	16	42	26	16	28	51	18	337	361

a 3 Inquests. b 1 Inquest.

c Typhus.

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161689.

At Pauper, Charitable, and Public Institutions in Manchester and Salpond.
Population in 1861, 390, 815.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.	4 Weeks ending 2sth Nov.	4 Weeks ending 26th Dec.	TOTAL
1.	2	2	5	Small-pox		13	23	44
53	71	52	176		32	32	18	82
93	76	46	215	Scarlet Fever		173	158	618
1	::	1	2	Diphtheria		3	*;	6
32 2	51	50	133	Whooping-cough	0	0	4	0
387	208	204	799		290	139	117	546
2	0.00	3300	100	Dysentery	11	9	4	24
	::	:: 1	alf 20	Malignant Cholera				100
38	31	20	89	Erysipelas	41	20	18	79
4	18	12	34	Continued Fever	248	188	113	549
4	3	2	9	Typhus	268	178	167	608
9 55	7	1	17	Enteric or Typhoid	108	81	60	249
99	61	67		Febricula	268	206	161	635
69	76	55		Ague	82	57	61	200
		33		Puerperal Fever	2	1		3
872	942	868	2682	Bronchitis and Catarrh	1132	1138	1063	3333
4	6	2	12	Influenza	47	34	18	99
48	54	45	147	Pleurisy and Pneumonia	124	109	7.2	305
95	73	62		Phthisis	318	270	219	807
37	30	19	86	Constitutional Syphilis	183	167	159	509
4232	3483	3241	10956	Accidents, and all other Diseases	4773	3534	3447	11854
6038	5195	4753	15986	TOTAL	8229	6455	5983	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton 2'840 17 Penketh 2'785 20 Old Trafford 2'686 21 Wilmslow Salford Eccles	Royal Infirmary, Dr. Keed.	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernox, Esq	Eccles, T.Mackerethes	Wilmslow, J. Thompson, Esq.	Royton, J. Heap, Esq.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. INS.	108 ft. :Ns. 29-627 30-053 28-641 1-412	145 ft. 1NS. 29-648 30-038 28-764 1-274	145 ft. 1N8. 29-627 30-053 28-641 1-412	251 ft. 1NS.	544 ft. 1N8. 29:616 29:680 28:300 1:380	43 ft. 1N8. 29-625 30-142 28-834 1-308
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	RETURN.	48·7 2.·0 10·5 58·8 37·8 43·3	47.6 28.3 14.3 61.8 23.5 44.0	48.0 26.1 11.8 60.5 34.4 44.2	RETURNS.	45*8 24*3 12*9 57*0 32*7 43*2	47·7 26·3 12·7 62·3 36·0 44·7
the Atmosphere. Degree of Humidity (Saturation-1,000)	NO	GRS. 0.863	GRS. 0.887	GRS. 0°874	NO	GRS. 0.905	ons. 0.894
Prevailing Winds Rain Ozonometer Moffat Schonbein	A LATE	SSW 1·049	S,SE,SW 1·104 6·71 2·28	SSW 1·086 4·57	lines in	S,SW 1·100	8,8W 1·1i5

February 6, 1869.

JOHN HEAP, Roytor, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

ol. IX.]

WEEK ENDING SATURDAY, FEBRUARY 13, 1869. No. 446

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, February the 13th, 1705 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1703, and in the corresponding week of last year it was 1633. The deaths during the week amounted to 62, being in the proportion of 1 death to every 27 cases.

Small Pox is becoming very prevalent. Twenty-four cases are returned; last week the number was 12. Twenty-three cases occurred in Manchester and 1 in Salford. Seven of the former were treated in the Manchester Workhouse, and 8 in the Royal Infirmary.

There is a slight increase in the cases of Measles, 13 being returned instead of 10. Eight of these occurred in Salford and 5 in Chorlton.

There is a slight decrease in the cases of Scarlatina, the number having fallen from 30 to 28. Four of the cases were observed in Manchester, 13 in Salford, 6 in Hulme, 4 in Chorlton, and 1 in Ardwick. In the corresponding week of last year the number was 29.

There is this week an improvement in the Fever returns, the number having fallen from 67 to 54. Twenty-four cases were assigned to Continued Fever, 22 to Typhus, and 8 to Typhoid Fever. In the corresponding week of last year the number of Fever cases was 61.

The cases of Bronchitis and other acute chest diseases have declined from 346 to 309.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 258 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-five deaths were caused by diseases of the lungs, 23 by Scarlatina, 18 by Fever, 7 by Diarrhea, and 4 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 47.5°; at the Salford Observatory it was 47.3°; at Royton, 44.4; and at Eccles 46.4.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS.

33, PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC II

New Cases of Disease coming under Treatment De

							MA	NCH	EST	ER.						
Area in Statute Acres Population in 1861	1000						Mane	heste		wnshi	1.7.2	,645 5,050				
		Po	or L	AW I	ISTR	icts.				Pu	BLIC	Insti	TUTIO	ns.		
		N'8	00	1		1.8	1	6	I	COYAL	Infi	RMAR	y.	Сни	DREN	
DISEASES.	1 St. Peter's	N St. Andrew's	& St. George's	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	Workhouse.	& In-	6 Out-	O District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	City Gaol.
Small-pox				1		7	8	7	8							
Measles																
Scarlet Fever													1	2	1	
Diphtheria																
Whooping-cough						1									1	
Croup																
Diarrhœa	1					2	3	2					1	3	7	
Dysentery																
Malignant Cholera																
Erysipelas						1	1	2								
Continued Fever	1						1	2							1	
Typhus			a1			2	3	7	3				1			
Enteric or Typhoid									1						1	
Febricula	2		1	1		2	6	3	1		1		1	15	4	:
Ague				-												
Rheumatic Fever			2				2		5	14			1	1		
Puerperal Fever																
Bronchitis and Catarrh	1	7	3	7	4	6	28	18		50	3	2	11	22	14	5
Influenza					D. HOY											2
Pleurisy and Pneumonia	1					1	2	4	1					1		2
Phthisis		1	3				4	5	1	28	1	5	5	5		. 1
Constitutional Syphilis All other Diseases	23	12	19		5	15	83	11 59	19	3 134	4	4	5	60	71	2
Accidents	1			9	1	1	6			136			1			
-	30	20	29	21	10	37	147	20	52	365	9	11	27	109	100	22
a Removed to Wor.	kh ou	150.													+	
, J. BROADBENT, (6) I	r. J.	WES:	TMOR	ELAI	ND,	(9) (10) (11) (12)	Mr. W	H. C	CARRI	icers UTHE TCHI	RS,	1 .) Mr.	H. R J. FI J. OGI	UNCONLAY DEN I	SOL

N.B.-Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 13th day of February, 1869.

	-	-	-	-	_	-	ALBERT AND D	-	_				-	_		
	SAL	FOR	D.		н	LMI	3.	CHO TO		ARD- WICK			ETON LEBU			
	. 1	,329				477.	0000	64	2577770	508.			2650		Area in Statute Acres.	
	. 70	0,967						. 44,8	350	21739		2	4,448		Population in 1861.	
	LAW		UBLI			OR LA		rict		Poor Law District.	Anccats ary.	n		Week	T. T	
1								District		Dist		Union ouse.		F. ₩	old typed will be pro-	DEATHS
	Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	K.	lip's	aw.	Dispensary.	aw.	9 E	on		ding Yea	DISEASES.	A
0	ent	rkho	pens	Salford inty Ga	Geo	Medlock.	St. Philip'	Poor Law	spen	or I	Ardwick Dispe	Choriton Workho	Total.	spon	the market dear	E
	Reg	5						77.7	10000	100		100	1111	Corresponding V		-
6	17	18	19	20	21	22	23	24	25	26	27	28		0	3 12	
			1										24	2	Small-pox	
			8			1				4	13	5	Measles	1		
5		2	6					4	1			28	29	Scarlet Fever	1	
															Diphtheria	
													1	28	Whooping-cough	
														1	Croup	
i			2	1	1					1		3	27	38	Diarrhœa	
,								l					1		Dysentery	
1															Malignant Cholera	
			1						1		1		6	9	Erysipelas	1
		7	3		al		1		3	3		2	24	33	Continued Fever	
	3		1				1					3	22	26	Typhus	3
,	0		3						2				8	2	Enteric or Typhoid	2
1	1	6	4		2	5	5		7		2	3	69	59	Febricula	
	1	- 1 3													Ague	
					",						1	3	31	57	Rheumatic Fever	
			3		1							1			Puerperal Fever	
								5	6	6	8	20	285	254	Bronchitis & Catarrh	7
12	11		39	4	9	7	5	9	0				6	4	Influenza	
:			4			2			2				18	29	Pleurisy & Pneumonia.	
1	1	•••	10		3		1	2	5	2	3	4	86	73	Phthisis	9
	3		5	2				1				4	31	45	Constitutional Syphilis	
7	18	5	88	3	15	7	14	26	31	2	30	78	777	717	All other diseases	34
2	4		40			1	1		13		29	2	248	222	Accidents	2
10	41	20	220	10	37	23	28	35	74	15	74	126	1705	1633	TOTAL	62
					1											

s indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	1 1 2 1 6 15 15	 2 1 2 10 a14	1 2 2 12 2 12	 1 7 3	 1 6 5		 2 2 3 66	 3 1 b1 2 c11	:: :: :: :: :: :: :: :: :: :: :: :: ::	 5 1 1 16 20	3 1 1 8	1 4 1 23 7 18 85 119	3 12 26 6 7 74 132
TOTAL NO. OF DEATHS.	41	29	38	11	12	17	13	18	23	43	13	258	260
TOTAL NO. OF BIRTHS.	52	48	27	15	27	29	27	36	37	58	14	370	373

a 3 Inquests. b Typhus.

c l Inquest.

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, LONDON.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salroud.

Population in 1861, 390, 315.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.	4 Weeks ending 28th Nov.	4 Weeks ending 26th Dec.	TOTAL
1	2	2	5	Small-pox	8	13	23	44
53	71	52	176		32	32	18	82
93	76	46	215	Scarlet Fever	285	175	158	618
1		1	2	Diphtheria	3	3		6
32	51	50	133	Whooping-cough	3 2	1	4	8
32 2 387	3	1	6	Croup	290	100	.::	4
387	208	204	799	Diarrhœa	11	139	117	546 24
2	**	**	2	Dysentery	2.5	9	9	24
90	31	20	89	Malignant Cholera	41	20	is	79
38 4 4	18	12			248	188	113	549
4	9	2	9	Typhus	268	175	167	608
9	7	î	9	Enteric or Typhoid	108	81	60	249
55	61	67	183	Febricula	268	206	161	635
		3	3		1	3	1	5
69	76	55		Rheumatic Fever	82	57	61	200
				Puerperal Fever	2	1		3
872	942	868	2682	Bronchitis and Catarrh	1132	1138	1063	3333
4	6	2	12	Influenza	47	34	18	99
48	54	45	147	Pleurisy and Pneumonia	124	109	72	305
95	73	62		Phthisis	318	270	219	807
37	30	19	86	Constitutional Syphilis	183	167	159	509
4232	3483	3241	10956	Accidents, and all other Discases	4773	3634	3447	11854
6038	5195	4753	15986	TOTAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton 2'840 17 Penketh 2'785 20 Old Trafford 2'686 21 Wilmslow 2'768 16 Salford 52686 16 Scalford 52686 17	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.VERNON, ESQ	Бесіев, Т.МаскенетиЕво	Wilmslow, J. Thompson, Esq.	Royton, J. Hear, Esq.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cisternabove sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. 1NS.	108 ft. 1N8. 29:754 30:185 29:241 0:944	145 ft. 1NS.	145 ft. 1NS. 29*794 30*185 29*241 0*944	251 ft. 1Ns. 29:805 30:068 29:104 0:961	544 ft. 1N8. 29.768 29.700 28.709 0.991	43 ft. 1NS. 29-787 30-272 29-272 1-000
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	RETURN.	47·3 2.·8 7·3 57·3 35·5 42·5	RETURN.	46-4 24-8 8-4 56-5 31-7 41-9	46:3 22:1 8:3 55:7 33:6 41:6	41·4 26·4 11·6 55·4 29·0 41·2	46 8 25-2 7-9 56-7 31-5 42-3
Degree of Humidity (Saturation-1,000)	NO	0.814 Wew. W	NO	0.853	GRS. 0.838	0 RS. 0 853	0.841
Prevailing Winds Rain Ozonometer Moffat Schonbein	MONTH I	WSW,W 1.578		WSW,W 1:401 5:85	SW 0:738	SW 2·160	W,SW 0:447

February 13, 1869.

JOHN HEAP, Royton, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

OL. IX.1 WEEK ENDING SATURDAY, FEBRUARY 20, 1869.

No. 447

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, February the 20th, 1681 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1705, and in the corresponding week of last year it was 1554. The deaths during the week amounted to 61, being at the rate of 1 death to every 27 cases.

The present return is favorable, there being a decrease in all the principal diseases.

The decrease under Small Pox is considerable, the number having fallen from 24 to 8. These cases occurred in Manchester; 2 were treated in the Workhouse, and 2 in the Royal Infirmary.

The return of Measles exhibits a decrease of 3,—10 cases are returned, being the same number as in the week before last. 'This disease appears to prevail in Salford to a greater extent than in Manchester. Two cases occurred in Manchester, 6 in Salford, and 2 in Ardwick.

Scarlatina, which has prevailed to a great extent of late in Manchester and Salford continues to decline, the number has fallen from 28 to 19.

Diarrhœa and Dysentery have prevailed this week to a greater extent than usual for the time of the year. The number of cases having risen from 28 to 52. Twenty-four of these cases were treated at the Hospitals for Children.

The Fever return continues to be favorable. This week 42 cases occurred, being 12 less than in the preceding week. In the corresponding week of last year the number was 72. Seventeen of these 42 cases were assigned to Continued Fever, 19 to Typhus, and 6 to Typhoid Fever; 10 of the Fever cases were treated in the Manchester Workhouse, 4 in the Salford Workhouse, 1 in the Royal Infirmary, and 27 at their homes.

There is a slight decrease in the cases of Bronchitis and other acute chest diseases, the number having fallen from 309 to 302. In the corresponding week of last year the number was 275.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 259 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-one deaths were caused by diseases of the lungs, 21 by Scarlatina, 9 by Fever, 6 by Measles, 5 by Diarrhæa, and 2 by Small-Pox.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 45.5°; at the Salford Observatory it was 46.1°; at Royton, 43.8; and at Eccles 45.1°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

33, PALL MALL, MANCHESTER

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC 1

New Cases of Disease coming under Treatment D

			TIE		n	Y	MA	NCH	EST	ER.		100	m	M	13	
Area in Statute Acres Population in 1861	1000						Mano				•	,645 6,050		• • • • •		
Topulation in 1807							,	,	,	,		-		••••		
		Po	oor L	AW D	ISTRI	CTS.		_		1330		Insti		ons.		
	802	W. B	80	-	-	sel's		8e.	_ B	OYAL	Infi	1	1	W .	DREN	100
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	Michael's	Total of Districts.	Workhouse.	ots.	tr.	ict I	District II.	District III.	St. Mary'	Clinical Hospital.	-
	St. P	St. A	St. G	athe	St. Ju	St. M	otal	Vork	In- patients.	Out- patients.	District	Dist	Dist	St. Mary Hospital	Clin	7.0
	1	2	3	4	5	6	L Q	7	8	9	10	11	12	13	14	1
Small-pox	1		1		1	1	3	2	2				1			-
Measles		1					1								1	1.
Scarlet Fever									2				1		1	1
Diphtheria																-
Whooping-cough																
Croup																
Diarrhœa			1			3	4			2				13	11	-
Dysentery														1		-
Malignant Cholera																
Erysipelas								2					1			
Continued Fever	5		2	1			8								1	
Typhus			1			1	2	9	1				3			ı
Enteric or Typhoid								1					1			
Febricula	1		2	1		3	7	9	2		1	1	1	11	2	
Ague																
Rheumatic Fever				1	1	1	3		6	8		1	2			
Puerperal Fever																
Bronchitis and Catarrh	1	11	4	2	3	8	29	15		48	4		8	15	16	
Influenza																
Pleurisy and Pneumonia	••			1		••	1	5	1	::					1	
Phthisis		1	••		1		2	4	2	17	2	4	5	6	2	
All other Diseases	13	10	9	6	4	12	54	13 62	35	7	5	3	10	89	85	
Accidents						1	1	02		109			3		1	3
-	21	23	20	12	9	_	115	_		360	12	9	36	135	121	-
			40	12	9	00	110		00 1				001			

⁽¹⁾ Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH.

⁽⁵⁾ Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),,J. P. SLEIGHTHOLME,

⁽⁹⁾ (10) (11) (11) (12) Mr. W. H. CARRUTHERS, "J. PORTER, "J. PORTER, "C. CURRIE RIFCHIE,

⁽¹³⁾ Mr. H. RUNCORI (14) ,, J. FINLAYSO (15) ,, J. OGDEN FLI (16) ,, J. TEALE,

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 20th day of February, 1869.

F	CAI	FOR	D	1	ВІ	JLMI	2	СНО	RL-	ARD-			ETON									
H	100000		- NO.	-				TO 64	-	508			2650		Area in Statute Acres.							
		0,967								10000	173924,448				Population in 1861.							
	Law	P	UBLI		Poor Law						POOR LAW			ot		ict.	ats	-		-14		.
tst	BICT Oad.		i i i i i i i i i i i i i i i i i i i					w District	ry.	Poor Law District.	wick & Anecats Dispensary.	Chorlton Union Workhouse.		ng Week ear.	DISEASES.	DEATHS						
	Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	George's.	Medlock.	St. Philip's	Poor Law	Dispensary.	oor La	Ardwick Dispe	horltor	Total.	Corresponding V	DISEASES.	DEA						
	ag 17	18	iq 19	20	21 21	22	23	24	25	26	27	28		Corre	to musical villant							
6		10		20	21				_	_		-			S11	_						
									••				8		Small-pox	1						
	2		4							1	1		. 10	1	Measles							
			6		2		3		3	1		•••	19	15	Scarlet Fever	1						
															Diphtheria							
2													2	24	Whooping-cough							
							1						1		Croup							
5			2	3		1	1	2	1		2	1	50	34	Diarrhœa							
			1										2	3	Dysentery							
·															Malignant Cholera							
					1				1				6	5	Erysipelas							
1									1				17	25	Continued Fever	3						
		4	3										19	42	Typhus	1						
3			1						**				6	5	Enteric or Typhoid							
	3		1									3										
2	1	1	4		2	1	6	2	1		2	0	62	28	Febricula							
															Ague							
2	1						1			2	2		38	37	Rheumatic Fever							
															Puerperal Fever							
6	7		36	3	2	3	5	10	12	3	8	27	271	252	Bronchitis & Catarrh	9						
4			4			2							10	5	Influenza							
2	1		5				1		1			1	21	18	Pleurisy & Pneumonia.							
			11		2	2			1		2	1	64	82	Phthisis	6						
			5	1				2		6	27	80	34 821	681	Constitutional Syphilis All other diseases	37						
	14	7	83	2	12	5	14	25	29		23	1	220	255	Accidents							
2	**		54				32	42	61	13	67	117	1681	1554								
9	29	12	220	9	21	14	32	1 42	01	1 10	10,	111	1002	1001	Committee of the second							

indebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

⁽²¹⁾ Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Mauchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	1 4 2 10 14	1 1 2 1 10 18	1 3 4 9 14		 3 10	:: i :: i6 7	1 2 7 17	3 4 10	 3 1 5 16	 6 12 21	:: :: :: :: :: :: :: :: :: :: :: :: ::	2 6 1 21 5 9 81 134	1 9 23 6 22 66 117
TOTAL NO. OF DEATHS.	31	33	32	14	13	24	27	17	25	39	4	259	244
TOTAL NO. OF BIRTHS.	48	32	15	9	15	36	31	24	40	62	25	337	335

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylabone, LONDON.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390, 815.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.	4 Weeks ending 2sth Nov.	Weeks ending 26th Dec.	TOTAL
1	2	2	5	Small-pox	8	13	23	44
53	71	52	176	Measles	32	32	18	82
93	76	46	215	Scarlet Fever	285	175	158	618
32	śi	1	2	Diphtheria	3	3	**	6
32	3	50	133	Whooping-cough	3 2	2	4	8
387	208	204	799		290	139	117	****
2	100001		159	Diarrnea	11	9	117	546 24
0.1				Malignant Cholera		9		
38	ši	20	89	Erysipelas	41	20	18	79
	18	12	34		248	188	113	549
4 9	3	2	9	Typhus	268	173	167	603
9	7	1	17	Enteric or Typhoid	108	81	60	249
55	61	67	183	Febricula	268	206	161	635
	110000	3	8		1	3	1	5
69	76	55	200	Rheumatic Fever	82	57	61	200
872	942	868	2682	Puerperal Fever	1132	1138	1000	3
4	6	2	12	Bronchitis and Catarrh	47	34	1063	3333 99
48	54	45		Pleurisy and Pneumonia	124	109	72	305
48 95	73	62	230	Phthisis	318	270	219	807
37	30	19		Constitutional Syphilis	183	167	159	509
4232	3483	3241	10956	Accidents, and all other Discases	4773	3634	3447	11854
6038	5195	4753	15986	TOTAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton . 2:840 . 17 Penketh 2:785 . 20 Old Trafford 2:686 . 21 Wilmslow . 2:768 . 16 Salford	Royal Infirmary, Dr. REED.	Salford Dieteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MACKERETHESQ	Wilmslow, J. Thompson, Esq.	Royton, J. Hear, Esq.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cisternabove sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest. Unreduced Lowest Unreduced Range Temperature. Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere Degree of Humidity (Saturation—1,000)	NO RETURN.	108 ft. 108 ft. 29-912 39-203 29-409 0-704 46-1 15-4 7-0 53-1 37-7 41-8 ons. o-860	NO RETURN.	145 ft. 1N8. 29:912 30:203 29:499 0:704 45:1 20:0 10:1 53:0 41:4 GRS. 0:872	251 ft. 1NS. 29:915 30:126 29:402 0:724 44:8 17:6 8:8 52:3 34:7 40:0 GRS. 0:631	544 ft. 1N8. 29-895 29-730 29-042 0-688 43-8 19-7 11-2 51-3 31-6 42-8 0-88. 0-926	43 ft. 1Ns. 29:905 30:315 29:576 0:745 45:7 22:5 11:9 54:7 32:2 42:7 ORS. 0:892
Prevailing Winds Rain Ozonometer. Moffat Schonbein	, NO.	SW 0·687 0 85		SW 0-532 3-14	8W 0·574	SW 0-950 4-20	8,8W 0·370

February 20, 1869.

JOHN HEAP, Royton, Oldham

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX. WEEK ENDING SATURDAY, FEBRUARY 27, 1869. No. 448

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, February the 27th, 1452 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1681, and in the corresponding week of last year it was 1520. The deaths during the week amounted to 59, being in the proportion of 1 death to every 24 cases.

The return continues to be favorable.

Small Pox steadily declines, the numbers of cases for the last three weeks being 24, 8, and 4. These 4 cases were treated in the Manchester Workhouse.

There is on the other hand an increase in the cases of Measles, 19 being returned instead of 10,—5 cases occurred in Manchester, 9 in Salford, 4 in Hulme, and 1 in Ardwick.

The improvement in the return of Scarlatina still continues, the numbers for the last three weeks being 28, 19, and 16. Not a single case occurred this week in Manchester, while 9 were observed in Salford, 3 in Hulme, and 4 in Chorlton.

The increase in the cases of Diarrhea and Dysentery reported last week is not maintained, 30 being returned instead of 52.

There is this week a considerable decrease in the number of cases of Bronchitis and other acute chest diseases, the number has fallen from 302 to 252.

The Fever return remains much the same as in the preceding week, 44 being returned instead of 42. Twenty-one cases were assigned to Continued Fever, 17 to Typhus, and 6 to Typhoid Fever.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 258 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-nine cases were caused by diseases of the lungs, 21 by Scarlatina, 9 by Fever, and 7 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 40.9°; at the Salford Observatory it was 41.9°; at Eccles, 41.9°; and at Old Trafford 41.8.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC II

New Cases of Disease coming under Treatment Di

110000000000000000000000000000000000000	0	MANCHESTER. Manchester Township 1,645														
Area in Statute Acres Population in 1861								heste		vnshi		,645 ,050		• • • • •		
		Po	or L	AW D	ISTRI	CTS.	Y LI	Public Institutions.								
		- M2	1 00			el's	1		I	ROYAL INFIRMARY. CH					ILDREN	
DISEASES.	St. Peter's	St. Andrew'	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out-	-	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	City Gaol.
Maritable, and Public	1	2	3	4	5	6		7	8	9	10	11	12	13	14	18
Small-pox								4								
Measles	3	1.					3							1	1	
Scarlet Fever	n.	-101		100				10.1								
Diphtheria				10 20			- to						808			
Whooping-cough									1.0						1	
Croup	ag.	4.			0.81	4.0	7.90									
Diarrhœa	dili	177	1		100	2	2		0707	100				7	1	
Dysentery	1			063		1	2		ind	od to		110	011	112		
Malignant Chelera																
Erysipelas	1	0.08	10.0	200	0.		1	3	0.1	20						
Continued Fever	1	1.1	α1	a2	a5	8.1	9	mi	liov:			0		.103	1	
Typhus	orte		rolo	1115	had	3	3	8	3	0 60	O DE	1				
Enteric or Typhoid				4.0							mile	Dilli	2		-	
Febricula	100	00.01	a4	2	olfon	1	7	7	149		3 · ·		1	7	2	
Ague	777	id.	ai s	2 00		0	butte	eni	huy	••		1575		dì		
Rheumatic Fever		Jia	"	9 67	11 8		niio		o'T		io	Li,			Jon.	
			4				4	.15	2.1	5		1	6	1	1.1	
Puerperal Fever			••										••			
Bronchitis and Catarrh	2	12	2	2	5	11	34	10		42	6	5	10	9	8	
Influenza	:					2	2	2						1	1	
Phthisis			1			1	2	4	"	25	3		2	3	2	•
Constitutional Syphilis	2						2	16		5					1	
All other Diseases	13	10	7	9	2	16	57	70	320	139	3	3	9	67	76	1
Accidents	3	1	1	1		2	8			105	••	••	2			
TOTAL a Removed to Work	26	23	20	16	12	39	136	123	41	321	12	11	32	96	93	1

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),,J. P. SLEIGHTHOLME, (11) (12) Mr. W. H. CARRUTHERS, (10) ,J. PORTER, (11) (12) ,C. CURRIE RITCHIE,

1) Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH. Medical Officers to whom the Association

(13) Mr. H. RUNCORN (14) ,, J. FINLAYSON (15) ,, J. OGDEN FLE (16) ,, J. TEALE,

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 27th day of February, 1869.

	-	-	_	-	-		-	_		_					_
SALFORD. HULME.				RL- N.	ARD- WICK		PENI	ETON	AND RY.						
	1,329			100000	477.	100000	64	1993	508	0.000		2650		Area in Statute Acres.	
	0,96						44,	850	21739			24,448.		Population in 1861.	
RLAW	R LAW PUBLIC POOR LAW TRICT INSTITUTIONS. DISTRICTS				rict.		rict.	Anecats	u u	-	ek				
-		-			1		Poor Law District.		Poor Law District.	. 02	Chorlton Union Workhouse.	14	Week r.		DEATHS.
Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	George's.	sk.	St. Philip's	aw	Dispensary.	WB.	sk &	on kho		Corresponding V	DISEASES.	F
gent	orkh	spen	Sal	Gec	Medlock.	Ph.	or I	spen	or I	Ardwick Dispe	Wor	Total.	spon	and the same of the	E
10255		1772		St.	100000000000000000000000000000000000000	Market Visit		0.08.7	1000	27	28	10	orre	TO BEING THE	-
17	18	19	20	21	22	23	24	25	26	21	20		0		
												4	1	Small-pox	1
3		6				4				1		19	3	Measles	1
1		8		3				3			1	16	27	Scarlet Fever	2
														Diphtheria	
												1	27	Whooping-cough	
													1	Croup	
ll		3	5		2			••	2		4	28	46	Diarrhœa	1
												2	5	Dysentery	
														Malignant Cholera	
II												3	5	Erysipelas	
	4	2			4		al				1	21	9	Continued Fever	
		1									1	17	27	Typhus	5
2		1						1				6	2	Enteric or Typhoid	
	5	2		1	1	1		2			1	38	37	Febricula	
														Ague	
				1	1	1						20	43	Rheumatic Fever	4.1
	100	1	4											Puerperal Fever	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9	••	39	4	2	2	2	4	10	2	4	21	226	203	Bronchitis & Catarrh	8
		- 6										3	8	Influenza	
		3 4	1	1		::	1	2		2	3	23	17	Pleurisy & Pneumonia.	3
		13		1	1	1	1	1		1	4	65	80	Phthisis	11
		7	2				2			1	4	42	54	Constitutional Syphilis	
19	1	92	3	8	3	11	13	25	7	16	42	697	688	All other diseases	26
4		51				2	2	11	••	26	••	221	237	Accidents	1
38		232	15	17	14	22	24	55	11	51	82	1452	1520	TOTAL	59
131-43	TNO	Retu	rii.												

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

he reports of the Association, and has as far as practicable, been taken into account in the conclusion rn from the weekly returns.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason,	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corres- ponding week last year.
Small Pox Measles Whooping-cough	1	::	.:: 4	ï	::	::	::	i	:: 1	ï	3	7	5 13 28 6 17 66 131
Scarlatina	2	2	3	2		6	.;	2	1	3		21	6
Diarrhœa Fever	ï	1	3 10	1	II.	ï	1	ï	1	1		.9	17
Diseases of the Lungs Other causes	17 19	8 19	10 17	8 5	3 5	14	19	1 1 7	1 6 11	9	3	3 9 89 127	131
TOTAL No. OF DEATHS.	41	30	33	18	8	27	27	12	20	29	13	258	266
TOTAL No. of BIRTHS.	61	30	20	14	16	29	36	22	33	66	17	314	393

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, LONDON.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord. Population in 1861, 390, 315.

5 Weeks ending 31st Oct.	4 Weeks ending 28th Nov.	4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.	4 Weeks ending 28th Nov.	4 Weeks ending 26th Dec.	TOTAL
1 53 93 1 2 2 387 2 3 3 4 4 9 9 55 69 69 67 2 4 8 9 5 3 7	2 71 76 51 3 208 31 18 3 7 61 76 942 6 54	2 52 46 -1 50 1 204 20 12 2 1 67 3 55 868 2 45 62 19	5 176 215 2 133 6 799 2 89 34 9 17 183 3 200 2682 12 147 230 86	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Croup Distribus Distribus Distribus Distribus Scarlet Fever Diphtheria Eroup Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis	253 3 2 290 111 411 248 268 108 268 1 82 2 1132 47	13 32 175 3 1 2 139 9 20 188 173 81 206 3 57 1 1138 34 109 270 167	23 16 158 4 117 4 18 113 167 60 161 1 61 1 1063 18 72 219 159	44 82 618 6 8 4 546 24 79 549 603 249 635 5 200 3 3 3333 99 305 807 807
4232 6038	3483	3241	10956	Accidents, and all other Discases	8229	3534 6455	3447 5983	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton 2.840 17 Penketh 2.785 20 Old Trafford 2.686 21 Wilmslow 2.768 16 Salford	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.VERNON, ESQ	Ессіов, Т.МаскинтиЕво	Wilmslow, J. Thompson, Esq.	Royton, J. HEAF, Esq.	Warrington L.W.Reynolds.Esb
Heightof barometer cisternabove sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. INS.	108 ft. 1N8. 30:037 30:217 29:645 0:572	123 ft. 1NS. 30:041 30:200 29:670 0:530	145 ft. 1NS. 30·037 30·217 29·645 0·572	251 ft. 188. 30:052 30:118 29:550 0:568	544 ft. 1N9. 30-640 29-762 29-163 0-599	43 ft. 1N8. 30.042 30.310 29.718 0.592
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point	NO RETURN.	41-9 20-5 9-9 54-0 33-5 36-3	41·8 20·2 11·7 43·2 33·0 36·0	41·9 21·8 10·7 53·0 31·2 36·8	42:1 20:4 11:9 52:7 32:3 37:4	40·5 21·5 12·4 51·0 29·5 35·2	42·4 24·8 11·9 53·9 29·1 38·0
Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation-1,000)	NO R	GRS. 0.828	GRS. 0.816	0.834	GRS. 0.834	ors. 0.813	0.835
Prevailing Winds Rain Ozonometer.	, , , ,	E, W 0.939	SW 0-916 4-00	E,W 1.029 5.42	8W 0.578	980 0-980	8,NW 0.745

February 27, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

or. IX.

WEEK ENDING SATURDAY, MARCH 6, 1869.

No. 449

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, March the 6th, 1440 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1452, and in the corresponding week of last year it was 1473. The deaths during the week amounted to 50, being in the proportion of 1 death to every 28 cases.

The present return is favorable in many respects. The cases of Small-Pox, however, have increased considerably since the last report. This week 16 are returned; in the two previous weeks the numbers were 8 and 4 respectively. Eleven of these 16 cases occurred in Manchester and 5 in Salford.

Measles has declined slightly in the course of the past week, the number of cases having fallen from 19 to 16. This disease still prevails chiefly in Salford. Three cases occurred in Manchester, 9 in Salford, 2 in Hulme, and 2 in Chorlton.

It is very satisfactory to find Scarlatina, which has been so long epidemic, steadily declining; the numbers for the last three weeks, respectively, were 19, 16, 13. Four of the cases occurred in Manchester, 6 in Salford, 2 in Hulme, and 1 in Chorlton.

Whooping-Cough is not at all prevalent; 2 cases occurred this week.

Diarrhœa and Dysentery have decreased of late, the numbers for the last three weeks being 52, 30, and 24.

The Fever return remains the same as it was in the last report, the cases for each week being 41. Sixteen cases are assigned to Continued Fever, 20 to Typhus, and 8 to Typhoid Fever. Twelve of the Fever cases were treated in the Workhouses, and the remainder at their homes. In the corresponding week of last year the number of Fever cases was 50.

There has been a marked decrease in the cases of Bronchitis and other acute chest diseases during the last three weeks, the numbers for these weeks being 302, 252, and 226.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 247 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-three deaths were caused by diseases of the lungs, 21 by Scarlatina, 12 by Fever, 11 by Measles, and 8 by Diarrhea.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 39.1°; at the Salford Observatory it was 39.3°; at Eccles, 38.9°; and at Old Trafford 39.3.

JOHN ROBERTS, M.D., Hon. Sec.

OMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment D

ASSUCE DE LE	I			10			MA	NOR	EST	ED	1	116	7	TIT		
Area in Statute Acres							Mano				p 1	,645				
Population in 1861								,		,,		,050				
		- Po	or L	AW D	ISTRI	CTS.	40	-	120 (12)	Pu	BLIC	Insti	TUTIO	NS.		
Later Manager Parket		N. 8	00	1		l's	1	e.	F	COYAL	Infi	RMAR	у.	Сни	DREN	
DISEASES.	. Peter's	Andrew's	George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out-	District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	City Gaol.
havituble, and Pablic	; 1	2 St.	S St.	4	5	6	T G	7	8	9	10	11	12	13	14	15
Small-pox		a2	2			1	5	5			al					
Measles		2					2								1	
Scarlet Fever		800					1000	1	1			0.0	1		1	
Diphtheria						v.i	1.0	.0	1					1.0	1	
Whooping-cough		1	1			any 	1.	10	07.0	21.0			1			
Croup	1					1	1									
Diarrhœa						1	1	1						8	3	4
Dysentery			out:	10		0.0					0.5			no.7/		
Malignant Cholera	1.3									010	01	more				
Erysipelas	all to	10			ami 		1	1								
Continued Fever	2			3	al		6									
Typhus		0.0.	al			3	4	5	2			1	2			
Enteric or Typhoid		100	1000		n R	: da		3	2			000	ning.			
Febricula				1	1	5	7	6	2	1000	1	1	-	14		2
Appropriate the second												NI COLUMN	1000	1	1	
Ague							1		1	4	2				10	
Ague					al	seno	10/10	1.0	9 3	07	HT		075	É	din	
Second to and much add								"		46		••			8	3
Bronchitis and Catarrh	1	7	5	3	2	ō	23	11		46	1	3	4	6		
Influenza Pleurisy and Pneumonia	2					3	3	1								
Phthisis		1	2		1		4	8	1	27	1	1	2	4	3	1
Constitutional Syphilis	1						1	9		3						3
All other Diseases	16	9	16	10		14	65	71	11000	137	5	6	8	63	77	2
Accidents	2	1		•••		1	4	••	13	96	3		2		1	
TOTAL	24	22	26	17	6	34	129	122	41	313	14	12	20	95	94	15
a Removed to Work	nouse.	7														

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME,

(9) Mr. W. H. CARRUTHERS, (10) , J. PORTER, (11) , C. CURRIE RITCHIE,

(13) Mr. H. RUNCORY (14) ,, J. FINLAYSO (15) ,, J. OGDEN FLE (16) ,, J. TEALE,

Medical Officers to whom the Association

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 6th day of March, 1869.

			_	-	_	-	_		_	-	-				
SA	LFO	RD.		H	ÜLM	E.	CH()RL-	ARD	PI	ENDI PEN	LETON DLEBU	AND RY.		
	1,32				477.		64		508	1000				Area in Statute Acres.	
	70,96		• • • • •		68,209	3.11	44,	850.	21739		••••	24,448.	• • • • • • • • • • • • • • • • • • • •	Population in 1861.	
RLAW		PUBL			OR L		ict.		rict.	Anecats	D		성	assert be Luga. 10	
		1			1		Distr		Distr	Ancary.	Union		Week	The second second	2
Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	, i	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	wick & Anc Dispensary.			Corresponding V	DISEASES.	DEATHS.
ent	rkho	bens	Salford inty Gao	Geor	Medlock.	Phi	r La	pens	r L	Ardwick Dispe	Choriton	Total.	oond ast	DIODIOGO.	EA
Reg	Wo	Dis	Con	St.	0.000	St.	Poo	100000	8.00		5	in't	rres	tally Remon of	0
17	18	19	20	21	22	23	24	25	26	27	28		3	of electronic states	
		5										16		Small-pox	
		9				2		2	•			16	1	Measles	
1		5	1	1	1			1				13	10	Scarlet Fever	2
														Diphtheria	
								1				2	21	Whooping-cough	
		2										3	5	Croup	1
		1	2	1							3	24	32	Diarrhœa	
													5	Dysentery	
														Malignant Cholera	
		1										2	11	Erysipelas	
	4	3			1		a1				1	16	18	Continued Fever	1
4		2										20	28	Typhus	1
		1						2				8	4	Enteric or Typhoid	
	3	3			2	1	1	2		1	1	47	34	Febricula	
														Ague	
1					1	1						11	38	Rheumatic Feyer	
													1	Puerperal Fever	
10		34	5	8	6	2	6	9	1	7	16	209	202	Bronchitis & Catarrh	5
					2							2	4	Influenza	
		3			2	i		1		1	1	15	20	Pleurisy & Pneumonia.	3
		9				1		2		3	2	69	73	Phthisis	9
		6	1		1		2			2	3	.31	40	Constitutional Syphilis	
19	2	90	2	10	16	10	17	27	8	21	58	733	700	All other diseases	28
4		45			1	2		12		20		203	226	Accidents	
38	9	219	11	20	33	20	27	59	9	55	85	1440	1473	TOTAL	50
	+ No	Retur	rn.		150	1				165				45.000 0.00	

ndebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

⁽²¹⁾ Mr.S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

e reports of the Association, and has as far as practicable, been taken into account in the conclusion n from the weekly returns.

Weekly Return af Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowet.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowiey.	Hulme Township, . Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corresponding week last year.
Small Pox				1.								ii	
Measles	3	.:				1		1		1	5	11	3
Whooping-cough	**	1				2			*:	**		21	13
Scarlatina	3	2	3	3	*:	2	2	3	1	2		8	9
Diarrhœa	1000	*;	5	1	1		.:	1	.:	1			9
Diseases of the Lungs	10	11	10	';	7	15	1 2	3	3	13	2 6	12	3 13 22 2 9 71
Other causes	15	18	13	6	6	4	14	3 3	11	14	7	111	144
Other causes	10	10	.0	0		-				-11	-		
TOTAL NO. OF DEATHS.	31	33	32	11	15	22	19	11	18	32	20	247	264
TOTAL NO. OF BIRTHS.	46	44	16	13	24	30	36	31	26	50	18	334	373

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1361, 161630.

At Pauper, Charitable, and Public Institutions in Manchester and Salfond.

Population in 1861, 390.815.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.	4 Weeks ending 28th Nov.	4 Weeks ending 26th Dec.	TOTAL
1	2	2	5	Small-pox	8	13	23	44
53	71	52	176		32	32	18	82
93	76	46	215	Scarlet Fever	285	175	158	618
1		1	2	Diphtheria	3	3		6
32	51	50	133	Whooping-cough	3	2	4	8
. 2	3	1	6	Croup	2	2		4
387	208	204	799		290	139	117	546
2			2		. 11	9	4	24
				Malignant Cholera	11	20		79
38	31	20	89	Erysipelas	41		18	
. 4	18	12	34		248	188	- 113	549
4	3	2	9	Typhus	268	178	167	603
9	7	1	17	Enteric or Typhoid	108	81	60	249
- 55	61	67	183	Febricula	268	206	161	635
		3	3	Ague	1	3	1	5
69	76	55	200	Rheumatic Fever	82	57.	61	200
		-::		Puerperal Fever	1132	1100		3
872	942	868	2682	Bronchitis and Catarrh		1138	1063	3333
4	6	2	12	Influenza	47	34	18	99 305
48	54	45	147	Pleurisy and Pneumonia	124	109	72	
95	73	62	230	Phthisis	318	270	219	807
37	30	19	86	Constitutional Syphilis	183	167	159	509
4232	3483	3241	10956	Accidents, and all other Diseases	4773	3534	3447	11854
6038	5195	4753	15986	TOTAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton 2.840 17 Penketh 2.785 20 Old Trafford 2.686 21 Wilmslow 2.768 16 Salford Eccles	Royal Infirmary, Dr. Reed.	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MACKRETHESQ	Wilmslow, J. Thompson, Esq.	Royton, J. HEAP, Esq.	Penketh, Warrington L.W.Reynolds Est
Heightof barometer cistern above sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. INS.	108 ft. :Ns. 29:861 30:279 28:963 1:316	123 ft, 1N8, 29-856 30-220 28-956 1-274	145 ft. 1Ns. 29-861 30-279 28-963 1-316	251 ft. 1N8.	544 ft. :Ns. 29:862 29:834 28:504 1:330	43 ft. 1Ns. 29:867 30:354 29:064 1:290
Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere	NO RETURN.	17:7 9:3 48:2 30:5 31:4	23·8 13·8 50·8 27·0 34·5	20-6 11-2 48-6 28-0 32-8	RETURN	23.8 13.3 49.8 26.0 33.3	22-1 12-2 49-5 27-5 34-4
Degree of Humidity (Saturation-1,000)	NC	0.742	0.832	0.800	NO	0.830	0.851
Prevailing Winds		NW 0.463	W,SW 0.732	NW 0.651	21 55	SW 1·180	NW 0.679
Moffat		1.28	3·71 0·28	5.85	.72	4-00	6-30

March 6, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

OL. IX.

WEEK ENDING SATURDAY, MARCH 13, 1869. No. 450

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, March the 13th, 1472 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1440, and in the corresponding week of last year it was 1664. The deaths during the week were numerous, amounting to 73, being in the proportion of 1 death to every 20 cases.

The present return is not so favorable as the last.

There is a considerable decrease in the cases of Small-Pox, 5 being returned instead of 16. Three of these occurred in Manchester and 2 in Salford.

Measles remains the same as last week, 16 cases being returned. Seven occurred in Manchester, 6 in Salford, 2 in Chorlton, and 1 in Ardwick.

Sixteen cases of Scarlatina are returned, being an increase of 3 upon the number of the previous week. During the preceding five weeks there was an uninterrupted decline in the cases of this disease.

One case of Whooping-Cough was observed during the week. In the corresponding week of last year the number was 18.

The cases of Bronchitis and other acute chest diseases have risen from 226 to 255.

There is a slight increase in the cases of fever, 48 being returned instead of 44. Seventeen of these were assigned to Continued Fever, 24 to Typhns, and 7 to Typhoid Fever. Ten of the Fever cases were treated in the Manchester Workhouse, 4 in the Infirmary, and 2 in the Chorlton Workhouse.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 267 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-eight deaths were caused by diseases of the lungs, 19 by Scarlatina, 9 by Fever, and 8 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 35.6°; at the Salford Observatory it was 37.3°; at Eccles, 35.7; and at Old Trafford 35.7°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

33, PALL MALL, MANCHESTER.

MANCHESTER AND SALE

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC 1

New Cases of Disease coming under Treatment D

	1						MA	исн	EST	ER.		1				0
Area in Statute Acres Population in 1861	4						Mane	heste		vnshij		,645 ,050				
			or L		2000	CTS.	'			***		Insti	TUTIO	ons,		
		00	1 -	1		1 8	11		F	COYAL	INFI	RMAR	v	Can	DREN	
DISEASES.	1 St. Peter's	D St. Andrew'	& St. George's	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	4 Workhouse.	co In-		O District I.	11 District	District		-	-
Small-pox						1	1		1				α 1			
Measles		3	1				4					1			2	
Scarlet Fever					1	1	2	1					1	2		
Diphtheria																
Whooping-cough															1	
Croup													1			
Diarrhœa		2					2							8	4	
Dysentery					1		1							1		
Malignant Cholera																
Erysipelas																
Continued Fever	2				4		6		1						2	
Typhus						4	4	10	2			1	62			
Enteric or Typhoid	1						1		2				2			
Febricula						1	1				2	1	1	8		
Ague																
Rheumatic Fever			1				1		2	9		1	1			
Puerperal Fever																
Bronchitis and Catarrh	7	6	2	5	4	7	31	10		36	2	3	7	14	14	-
Influenza																5
Pleurisy and Pneumonia								3	1	2	1			1	1	
Phthisis			3	1			4	2		29	2	4	4	3	2	1
Constitutional Syphilis								8		4			1	1	2	3
All other Diseases	17	4	9	11	9	14	64	67	17	130	2	5	10	72	72	4
Accidents	3	1		2		3	9		22	121	1				1	-
TOTAL	30	16 irmary	16	19	19	31	131 orkhous	99	47	331	10	16	31	109	101	17

⁽¹⁾ Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD. (7) Mr. J. WESTMORELAND, (8) , J. P. SLEIGHTHOLME,

⁽⁹⁾ Mr. W. H. CARRUTHERS, (11) J. PORTER, (11) J. C. CURRIE RITCHIE,

⁽¹³⁾ Mr. H. RUNCOR (14) "J. FINLAYSC (15) "J. OGDEN FLI (16) "J. TEALE,

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 13th day of March, 1869.

-	ALTER DE	-	-	-	-ARROCOM	-	-			-	-				-
SA	LFOI	RD.		H	ULM	E.	CHO	RL- N.	ARD- WICK		PEN	LETON DLEBU	AND RY.		
	1,329			100000					508,			2650		Area in Statute Acres.	
2310	70,967						. 44,8	350.	-	-		24,448		Population in 1861.	
RLAW		Publi Titut			OR LA		rict.		rict.	Anecats	n n		ek		:
		1					District.		Dist	Ane	Union		Week r.		E
Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	George's.	24	St. Philip's		Dispensary.	Law District.	wick & Anc Dispensary.	Chorlton Unio Workhouse.		ding V	DISEASES.	DEATHS
ent	rkbo	pens	Salford mty Ga	Geo	Medlock.	Phi	Poor Law	pene	or L	Ardwick Dispe	Wor	Total.	pond		E
Reg	Wo	Dis	Cou	St.	0.000			A COLOR	Poor			9	Corresponding last Year		0
17	18	19	20	21	22	23	24	25	26	27	28		Co		
		2										5		Small-pox	
		6					ī	1		1		16	4	Measles	2
		7						3				16	21	Scarlet Fever	1
														Diphtheria	
			.,									1	18	Whooping-cough	
												1		Croup	
1			3	1			1				4	28	31	Diarrhœa	
												1	3	Dysentery	
														Malignant Cholera	
						1						1	5	Erysipelas	
	5	3									1	17	19	Continued Fever	
2		1			1						1	24	29	Typhus	4
		1						1				7	5	Enteric or Typhoid	2
	1	4				3		7	1	3	5	37	33	Febricula	
														Ague	
								2		2	1	19	42	Rheumatic Fever	
														Puerperal Fever	
5		39	4	1	4	5	7	15	3	6	24	233	218	Bronchitis & Catarrh	11
					1							3	4	Influenza	
		4	1				1	2			2	19	15	Pleurisy & Pneumonia.	1
		11	1			1	1	3		1	6	75	74	Phthisis	12
		4					2			1	6	30	49	Constitutional Syphilis	
9	5	102	3	5	4	7	19	29	3	18	50	697	805	All other diseases	40
2		41		2				13		26	4	242	289	Accidents	
19	11	225	12	9	10	17	32	76	7	58	104	1472	1664	TOTAL	73
1.20		Retur												The state of the s	

ndebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20)Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L. WENTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

he reports of the Association, and has as far as practicable, been taken into account in the conclusion n from the weekly returns.

Weekly Return of Births and Deuths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	3 3 16 13	3 1 18 17	 1 5 16 13	 6 7	1 1 1 4 12	·· · · · · · · · · · · · · · · · · · ·	: : : : : : : : : : : : : : : : : : :	2 2 4 10	 1 1 7 8	1 6 2 12 22	3 2 3 4	8 1 19 5 9 98 127	2 3 12 5 12 72 123
TOTAL NO. OF DEATHS.	35	39	35	14	18	13	23	18	17	43	12	267	229
TOTAL NO. OF BIRTHS.	45	41	14	17	21	36	35	19	32	76	27	363	383

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161689.

At Pauper, Charitable, and Public Institutions in Manchester and Salford. Population in 1861, 390.815.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL
1 53 93 1 32 2 387 2 388 4 4 4 9 55 69 872 4 488 95 37 4232	2 71 76 51 3 208 31 18 3 7 61 942 6 54 73 30 3483	2 52 46 1 50 1 204 20 12 2 1 67 3 55 868 2 45 62 19 3241	5 176 215 2 133 6 789 2 89 34 9 17 183 3 200 2682 12 147 230 86 10056	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Croup Diarrhea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Diseases	285 3	13 32 175 3 1 2 139 9 200 188 175 81 206 3 57 1 1138 34 109 2270 167 3634	23 18 158 158 117 4 117 4 18 113 167 60 161 1 1063 18 72 219 159 3417	44 82 618 6 8 4 546 24 549 608 249 635 5 200 3 3 3333 99 305 507 509 11854
6038	5195	4753	15986	TOTAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton 2:840 17 Penketh 2:785 20 Old Trafford 2:686 21 Wilmslow 2:768 16 Salford Eccles	Royal Infirmary, Dr. Reed,	Salford Meteorologi. O'servatory, T.Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles , Т.МаскинитиЕsq	Wilmslow, J. Thompson, Esq.	Royton, J. Hear, Esq.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level Barometer. Mean @32°F., and reduced to sea level Highest	NO RE TURN.	108 ft. 1N8, 29-733 30-109 29-411 0-698 37-3 1-2-2 9-5 43-2 31-0 30-4 ORS. 0-764	123 ft. 1NS. 29-742 30-124 29-404 0-720 35-7 20-0 14-1 48-0 28-0 31-1 GRS. 0-834	145 ft. 1N8. 29.733 30.109 29.411 0.698 35.7 19.1 13.2 46.4 27.3 31.2 GRS. 0.841	NO RETURN.	NO RETURNS.	NO RETURN.
Prevailing Winds		N,E 0.057	NE 0.050 0.86	N,E 0·129 1·14			AL CL

March 13, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, MARCH 20, 1869. No. 451

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, March the 20th, 1457 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1472, and in the corresponding week of last year it was 1462. The deaths during the week were numerous, amounting to 74, being in the proportion of 1 death to every 19 cases.

The present return is in many respects favorable.

The improvement with regard to Small-Pox reported last week has not been maintained, the cases having risen from 5 to 10. Five occurred in Manchester, 4 in Salford, and 1 in Chorlton.

There is a slight decrease in the cases of Measles, 14 being returned instead of 16. One of these was observed in Manchester, 8 in Salford, 2 in Hulme, 1 in Chorlton, and 1 in Ardwick.

The return of Scarlatina cases is the same as in the preceding week, 16 being reported.

Two of these cases occurred in Manchester, 7 in Salford, 1 in Hulme, and 6 in Chorlton.

Whooping Cough is not at all prevalent; 2 cases are returned. In the corresponding week of last year the number was 17.

There is a marked increase in the cases of Diarrhea and Dysentery, the number

having risen from 29 to 42.

The fever return is favorable, 37 cases being returned; in the preceding week the number was 48. Thirteen cases were assigned to Continued Fever, 15 to Typhus, and 9 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have risen from 255 to 285.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 277 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. One hundred and twelve deaths were caused by diseases of the lungs, 12 by Scarlatina, 12 by Fever, 7 by Measles, 5 by Diarrhœa, and 3 by Small-Pox.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 36.9°; at the Salford Observatory it was 38.7°; at Penketh 38.9; and at Eccles 37.6°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC IN

New Cases of Disease coming under Treatment Du

							MAN	NCH	EST	ER.						
Area in Statute Acres							Manel	heste	r Tov	nship		,645		• • • • •		•••
Population in 1861		-	-		-	•••	,	,	,	,	_	,050	•••	• • • •	•••••	••••
		Po	or L	w D	ISTRI	CTS.				Pu	BLIC	Insti	TUTIO	NS.		
	140	W, S	.00	1000	SEE	el's		se.	R	OYAL	INFI	RMAR	v	-	DREN	-
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	St. Michael's	of cts.	Workhouse.	nts.	t- nts.	District 1	District 11.	District III.	St. Mary's Hospital.	Clinical Hospital.	Gaol.
	St. Pe	St. A	St. Ge	athe	St. Ju	St. M	Total of Districts.	Worl	In- patients	Out- patients.	Oustr	Dist	Dis	Hos	Clir	Oity
Sharitable, and Public	1	2	3	4	5	6	, a	7	8	9	10	11	12	13	14	15
Small-pox		::1				1	1		2				<i>p</i> 5			
Measles		1					1	10							1	
Scarlet Fever								1	1							
Diphtheria		.ni			7.0								1			
Whooping-cough														1	1	
Croup					4.1									••		
Diarrhœa		1			2	1	4	1						9	3	
Dysentery				1		2	3							ni.		
Malignant Cholera	311															
Erysipelas								1								
Continued Fever	2			αl	al		4		0.00						2	
Typhus		4.						4	3			3	c2			
Enteric or Typhoid								1	4				1	1		
Febricula	1			1		3	5					1	2	9	3	
Ague																
Rheumatic Fever			100				0.14		2	6	1		4			
Puerperal Fever								2								
Bronchitis and Catarrh	10	9	2	2	9	7	39	10	1	46		6	11	12	13	
Influenza																
Pleurisy and Pneumonia						1	1	2				1	1	TAS	2	
Phthisis		1	1				2	13	1	29	2	2	1	4	2	
Constitutional Syphilis All other Diseases	8	6	10	3	4	1 14	45	59	15	123	4	6	5	62	81	
Accidents	2					1	2	10	18	104			1		nadij	
TOTAL	23	18	13	8	16	30		108		313	7	19	32		109	17
a Removed to Work	house	. b	Remo	ved to	Infir	nary.	c 1	Remo	ved to	Work	nouse	and l	to No	y41 II	mrmai	3.

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD. (7) Mr. J. WESTMORELAND, (8) , J. P. SLEIGHTHOLME,

(9) Mr. W. H. CARRUTHERS, (10) J. FORTER, (11) C. CURRIE RITCHIE,

(13) Mr. H. RUNCORN (14) ,, J. FINLAYSON (15) ,, J. OGDEN FLE' (16) ,, J. TEALE,

ANITARY ASSOCIATION.

NS OF MANCHESTER AND ADJOINING DISTRICTS

Teck ending the 20th day of March, 1869.

			LEBU			ARD- WICK		TO	Ε.	ULM	H		D.	FOR	SAI
	Area in Statute Acres. Population in 1861.		2650 24,448			508, 21739	200	64			7 - 7 -			1,329 0,967	
S.	of and all the same of	Week		tion 6.	Anecats ary.	District.	-	strict		ok La			UBLI ITUT		A W
DEATHS	DISEASES.	Corresponding Value I last Year.	Total.	Chorlton Union	A Ardwick & Anc.	Poor Law Di	Dispensary.	Poor Law District	St. Philip's	Medlock.		Salford County Gaol.	5 Dispensary.	Workhouse.	Regent Road.
	DESTRUCTION OF THE PROPERTY OF			-		20	25	24	23	22	21	20	19	18	17
	Small-pox		10	1			4.			:-			1	3	
1	Measles	7	14		1		1		2				8		
1	Scarlet Fever	22	16	.,			3	3			1		6	1	
	Diphtheria		1												
	Whooping-cough	17	2												
	Croup	1	- 1										1		
)	Diarrhœa	47	39	7		1	1	1	1			5	3		
	Dysentery	4	3												
	Malignant Cholera														
	Erysipelas	4	5	2	1						1	12			
	Continued Fever	24	13					al					2	4	
	Typhus	33	15		n III										
6	TOTAL COLD	4	9		1								2		1
1	Enteric or Typhoid	444	35							1			1		
••	Febricula	26	35		3		3	1	1				4		1
••	Ague	1													
••	Rheumatic Fever	26	20		2		1	2					2		
1	Puerperal Fever	4	2											1	
13	Bronchitis & Catarrh	205	264	21	6	9	9	12	4	4	4	4	39		1
	Influenza	12	2							2					
2	Pleurisy & Pneumonia.	15	19	2			4		1			1	3		1
9	Phthisis	58	74	7	1			2			2		13		
39	All other diseases	55 679	33 650	2 43	21	3	29	20	9	5	4	1 4	5 94	5	7
	Accidents	218	230	5	22		10						56		2
74	TOTAL	1462	1457	90	62	13	61	43	18	12	12	15	240		23

debted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) .. J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L. WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Birthe and Denthe in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F. Johne.	Deansgate Dis Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox		1	17.119	1.1	1					A LIVE	1	3	3 6 15 12 16 69 144
Measles		2		2			1	••		1			6
Whooping-cough	3 2	1		1:	**		i		ï	4	.:	12	15
Scarlatina	0	2	1	1	/	1007	115 200			1010.010		5	12
Diarrhœa	0	10000	6	1	i		2				::	12	16
Pever	12	19	13	10	5	8	4	3	ii	19	5	12 1i2 126	69
Other causes	17	16	13	10	5 5	14	17	3 7	11	18	4	126	144
				_	-	-		-		-			001
TOTAL No. OF DEATHS.	36	35	38	20	12	22	25	10	25	42	11	277	265
TOTAL NO. OF BIRTHS.	39	45	15	20	22	24	29	17	32	78	17	338	353

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, LONDON.
Medical Officer of Health, John Whitmore, M.D.
Population in 1-81, 161639.

At Pauper, Charitable, and Public Institutions in MANCHESTER and SALPORD.

Population in 1861, 390,815.

5 Weeks ending 31st Oct.		4 Weeks ending 26th Dec.	TOTAL.	DISEASES.	5 Weeks ending 31st Oct.		Weeks ending 26th Dec.	TOTAL
7	2	2	5	Small-pox	8	13	23	44
53	71	52	1:6	Measles	33	32	18	82
93	76	46	215	Scarlet Fever	285	175	158	618
1	100	1	2	Diphtheria	3	3		6
32	51	50	133	Whooping-cough	3	1	4	8
2	3	1	6		2	2	22.00	4
387	208	204	799	Diarrhœa	290	139	117	546
2			2	Dysentery	11	9	4	24
1.31				Malignant Cholera	::		18	79
38	31	20	89	Ervsipelas	41	20	113	549
4	18	12	34		248	188	167	603
4	3	2	9	Typhus	108	81	60	249
9	7	1	17	Enteric or Typhoid	268	206	161	635
55	61	67	183	Febricula	200	3	1	5
	22.	3	3	Ague	82	57	61	200
. 69	76	55	200	Rheumatic Fever	2	1		3
.::	-::	868	2682	Puerperal Fever Bronchitis and Catarrh	1132	1138	1063	3333
872	942	800	12	Influenza	47	34	18	99
4	54	45	147	Pleurisy and Pneumonia	121	109	72	305
48	73	62	230	Phthisis	318	270	219	807
95	30	19	86	Constitutional Syphilis	183	167	159	509
4232	3483	3241	10956	Accidents, and all other Diseases	4773	3634	3417	11854
6038	5195	4753	15986	TOTAL	8229	6455	5883	20567

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton 2.8.0 17 Penketh 2.785 20 Old Trafford 2.686 21 Wilmslow 2.768 16 Salford	Royal Infirmary, Dr. Reed.	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq.	Eccles, T.Mackeretheso	Wilmslow, J.Thompson, Esq.	Royton, J. HEAP, ESQ.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea revel Barometer. Mean © 32 ° F., and reduced to sea leve. Highest	130 ft. INS.	108 ft. :N8. 29:72: 29:821 29:201 0:620	123 ft. INS.	145 ft. 1N8. 29:721 29:821 29:201 0:620	251 ft. 1Ns.	544 ft. INS.	43 ft. 1NS. 29:735 29:922 29:250 0:672
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere	NO RETURN.	38·7 1678 8·9 48·8 32·0 32·4 GRS.	NO RETURN.	37.6 20.4 11.2 49.5 29.1 32.4 GRS. 0.820	NO RETURN.	NO RETURNS.	38-9 24-0 12-8 51-0 27-0 34 8 GRS. 0-856
Prevailing Winds Rain Ozonometer Moffat Schonbein	N	0-788 NE,SE 0-14	1,116,71	NE,SE 0:639 2:43	1	И	NE,E, N 0:782 3:30

March 20, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

or. IX.1

WEEK ENDING SATURDAY, MARCH 27, 1869. No. 452

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, March the 27th, 1357 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1457, and in the corresponding week of last year it was 1449. The deaths during the week were numerous, amounting to 77, being in the proportion of 1 death to every 17 cases.

With the exception of the three first diseases on the list this return is favorable.

Small-Pox shows a tendency to disappear from the public practice of the City and Borough, the numbers for the last three weeks being 5, 10 and 12.

Measles has increased in prevalency since the last return, 20 cases being reported instead of 16. It has been most prevalent during the week in Salford and Hulme. Ten cases occurred in the former and 6 in the latter.

There is a rise in the number of Scarlatina cases from 13 to 23. Only 2 of these occurred in Manchester, while 13 were observed in Salford, 3 in Hulme, and 5 in Chorlton.

Whooping-Cough spreads but little and yet it continues to hold its ground; the numbers for the last three weeks were 1, 2 and 3.

There is an improvement in Diarrhœa and Dysentery, the number of cases having fallen from 42 to 29.

The fever return continues favorable, 36 cases are reported for this week, being 1 less than in the preceding week. Thirteen cases were attributed to Continued Fever, 14 to Typhus, and 9 to Typhoid Fever. Sixteen of the fever cases were treated in the hospitals and the rest at their homes.

The cases of Bronchitis and other acute chest diseases have declined from 285 to 252.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 246 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-four deaths were caused by diseases of the lungs, 11 by Measles, 11 by Fever, and 8 by Scarlatina.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 38.7°; at the Salford Observatory it was 41.4°; at Penketh, 40.4°; and at Eccles 40.7.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTEB.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC 1

New Cases of Disease coming under Treatment L

									ESTI				9		
Area in Statute Acres Population in 1861							Manch		r Tow			,645 ,050			
		Po	or L	w D	ISTRI	CTS.	211		14.145	Pu	BLIC	Insti	TUTIO	NS.	
		200	00			l's	1	.0	R	OYAL	Infi	RMAR	у,	Сип	DREN
DISEASES.	I St. Peter's	N St. Andrew	& St. George's	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	4 Workhouse.	co In-	6 Out-	OI District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.
Small-pox						1	1	2							
Measles		1					1								1
Scarlet Fever							roge	7,0	1.0						2
Diphtheria				1			mon		0191			100		1.0	Ti.
Whooping-cough													1	1	
Croup								1							
Diarrhœa		1	1		1.0		1	1	ogb					7	5
Dysentery				1			mole		ni I					N.	
Malignant Cholera			000				ave								
Erysipelas	1					1	2	2	1					1000	
Continued Fever	1			a3	a2		6		elid						
. Ole tinhow to filed		uni	750	ni la	-		10.00	9	1			1	1	110	
					fire	2.	019		4	-	-	1	100	100	100
Enteric or Typhoid						1	1		11001	670	*	HE.	F 95	7	2
Febricula						1163	107/0	100				1		300	
Ague												1	3		
Rheumatic Fever					1		1	1	3	4	2	1	3	1	
Puerperal Fever								1		"	**		*	1	6
Bronchitis and Catarrh	3	7	1	1	5	6	23	16		40		5	4	11	11
Influenza						.:	.:			**			113	AR	
Phthisis				1		1	1 2	5		26	1	1		2	4 2
Constitutional Syphilis						1	1	6		3					
All other Diseases	15	6	7	11	3	13	55	47	18	142	2	3	7	42	99
Accidents								8	12	93	1				1
a Removed to Work	20	15	8	16	11	25	95	103	39	308	6	13	15	70	127

Mr. R. M. MANN.

"J. BROADBENT,

"EDWARD MEACHAM,

"JOHN WALSH.

(5) Mr. OCTAVIUS DEAN,

(6) Dr. LEDWARD.

(7) Mr. J. WESTMORELAND,

(8) "J. P. SLEIGHTHOLME,

(8) "J. P. SLEIGHTHOLME,

(9)

(10)

"J. PORTER,

(11)

"C. CURRIE RIFCHIE,

(12)

"C. CURRIE RIFCHIE,

(13) Mr. H. RUNCOR

(14) "W. M. MACC

(15) "J. OGDEN FI

(16) "J. TEALE,

Medical Officers to whom the Association

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 27th day of March, 1869.

_	_	_	_		_			_	_	-					
SAI	FOF	RD.		BI	ULM	E.	СНО		ARD- WICK	PF	PENI	ETON	AND RY.	A PLANT	
	1,329			1000	477.		64		508.			2650		Area in Statute Acres.	
7	0,967	7			180		44,8	350.	21739			24,448.		Population in 1861.	
RLAW		UBLI			OR LA		ict.		rict.	Anecats	d		eek		
		1			I)istr		Distr	Ancary.	Union			11 canes 10	15
Roa	,080.	ary.	Gao	'ge's	J.	ip's	I WI	ary.	aw J	k &	shou	1 1	ling	DISEASES.	E
Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Anc Dispensary.	Chorlton Univ	Total.	pond ast	D. Librard Grant as	DEATHS
Reg	Wo	Dis	Con	St.		St	Poo	Dis	10000		The second second	100	Corresponding V	Normalia St. St. St.	0
17	18	19	20	21	22	23	24	25	26	27	28		00	HE wine the treat or state of	D. THURS
	8						1					12		Small-pox	1
1		9		2	2	2			1		1	20	12	Measles	00'07.0
2		11		2		1		4			1	23	21	Scarlet Fever	3
1													1	Diphtheria	
1					1							3	18	Whooping-cough	
		1										2	1	Croup	
1		4	2				1				3	28	36	Diarrhœa	1
1							1					1	2	Dysentery	
														Malignant Cholera	
1:											1	6	4	Erysipelas	
11.8	1	4			1						1	13	12	Continued Fever	
1		2										14	17	Typhus	
1.		1					1	1		1		9	6	Enteric or Typhoid	3
1	1	5	1101	1		3	1	4		40	3	31	41	Febricula	
HI E														Ague	
1.	THE STATE OF		2		2					1		19	14	Rheumatic Fever	
			3					90				1		Puerperal Fever	SIM
1:							7	9	2	8	22	221	206	Bronchitis & Catarrh	
10		32	6	3	5	4	1	3	-	101		401	Tal days	Defamilies to 1949 minutes for an	11
	••	2 3		••	2 3			2		1 2		7 24	10	Influenza	2
2		14					3	1	::	5	2	65	72	Phthisis	15
1::		4			1	1	2				2	22	53	Constitutional Syphilis	151641
9	8	62	2	1	5	8	14	23	5	18	53	626	671	All other diseases	38
2		54				1	2	11		23	2	210	258	Accidents	2
28	18	208	12	9	23	20	33	55	8	59	91	1357	1449	TOTAL	77
	+ N	o Retu	irn.	-		21.27	Win !		11	0.10	-	84 10000	(b) India	durant distances	CHILD

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ,, J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deuths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnt.	Deansgate Dis., Mr. Thomason,	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowiey.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox	· · · · · · · · · · · · · · · · · · ·	"i 1 1	1	ï		2	; ;	::	:: :i	21 22	2	111 22 8	3 9 20 6 13 62 125
Diarrhœa Fever Diseases of the Lungs Other causes.	:: ii 19	2 11 16	3 10 11	7 7	5 4	5 11	1 1 7 13	:: iō	9 8	1 2 12 16	1 7 11	11 84 126	13 62 125
TOTAL NO. OF DEATHS.	33	32	25	16	11	18	23	10	20	36	22	246	238
TOTAL No. of BIRTHS.	47	43	10	19	12	27	21	18	40	81	18	336	367

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, LONDON.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161630.

At Pauper, Charitable, and Public Institutions in Manchester and Salrond. Population in 1861, 390, 815.

4 Weeks ending 26th Dec.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.		DISEASES.	4 Weeks ending 26th Dec.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	TOTAL
53 46	1 57 68	2 19 56	5 128 170 3	Small-pox Measles Scarlet Fever. Diphtheria	158	34 54 204	48 52 93	105 124 455
50 1 204	110 6 294 1	71 3 242	231 10 740 1	Whooping-cough Croup Diarrhea Dysentery Malignant Cholera	117	144 7	3 140 8	6 401 19
20 12 2	25 7	15 8	60 27 2		113 167 60	32 99 135 61	22 88 90 29	72 300 592 150
67 3 55	104 1 71	104	275 4 181	Rheumatic Fever	61	240 113 3 1406	242 117 1105	643 1 291 3 3574
868 2 45 62	1441 6 57 100 34	1048 3 45 94 19	3357 11 147 256 72	Bronchitis and Catarrh Influenza. Pleurisy and Pneumonia Phthisis. Constitutional Syphilis	73 219 159	15 95 349 154	23 81 292 133	56 248 860 446
19 8241 4753	4378	3842	11461	Accidents, and all other Discases TOTAL	5983	7892	3957 6541	20316

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN JANUARY. Inches. Wet Days. Royton 2.840 17 Penketh 2.785 20 Old Trafford 2.686 21 Wilmslow 2.768 16 Salford	Royal Infirmary, Dr. Reed.	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Ecclos, T.MackereteEsq	Wilmslow, J. THOMPSON, ESQ.	Royton, J. HEAF, ESQ.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cisternabove sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. INS.	108 ft. 1N8, 30-092 30-305 29-613 0-692 41-4 20-4 10-6	123 ft. INS.	145 ft. 1NS. 30·092 30·305 29·613 0·692 40·7 23·7 14·1	251 ft. 1NS.	S44 ft.	43 ft. 1N8. 30-099 30-390 29-714 0-676 40-4 24-4 17-3 49-8
Maximum in Shade	NO RETURN.	50·4 30·0 34·0 6ns. 0·757	NO RETURN.	51·5 27·8 34·2 6ns. 0·782	NO RETURN	NO RETURN	25·4 35·1 GRS. 0·820
Prevailing Winds	, NO	0·103 0·57	1) Mr. 8. 10) Dr. Al	3.00	benned	HOLALA	0.066 2.40

March 27, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.

WEEK ENDING SATURDAY, APRIL 3, 1869.

No. 453

DISEASES .- The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, April the 3rd, 1523 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1357, and in the corresponding week of last year it was 1605. The deaths during the week amounted to 75, being in the proportion of 1 death to every 20 cases.

Small-Pox is steadily becoming more prevalent, the numbers for the last three weeks being respectively 10, 12, and 21: 7 of these 21 cases occurred in Manchester, 11 in Salford, and 3 in Chorlton. Three were treated in the Royal Infirmary and 10 in the Workhouses.

Measles is also becoming more common, the numbers for the last three weeks being 14, 20, and 30. Fifteen cases are this week returned from the Chorlton Union Workhouse; and Mr. Clements states, " None of these cases were admitted from outside, but an epidemic of Measles has broken out in the Nursery and Schools of this Workhouse."

Scarlatina remains the same as it was last week, 23 cases being returned. Ten occurred in Manchester, 8 in Salford, 1 in Hulme, 3 in Chorlton, and 1 in Ardwick.

There is an increase in the cases of fever, 43 being returned, against 36 in the preceding week. Eleven cases were assigned to Continued Fever, 16 to Typhus, and 16 to Typhoid Fever. The increase was owing to the rise in Typhoid Fever cases from 9 in the previous to 16 in the present week.

The cases of Bronchitis and other acute chest diseases have risen from 252 to 289. Not a single case of Whooping-Cough occurred in public practice.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 278 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. One hundred and nine deaths were caused by diseases of the lungs, 17 by Measles, 10 by Scarlatina, and 8 by Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 39.0°; at the Salford Observatory it was 39.7°; at Eccles 40.0°; and at Old Trafford, 39.5°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC IN New Cases of Disease coming under Treatment Du

							MAN	CHE	STE	R.						
Area in Statute Acres						. 1	Ianch		Town		1, 185,	645 050				
Population in 1007.			R LA	w Dis	STRIC	T8.	1			Pub	ric I	NSTIT	rutio	ns.		
10 a 10 a 10 a a a a a a a a a a a a a a	771	100	00			8		.	Re	DYAL	INFI	RMAR	y.	Снил	DREN	
DISEASES.	St. Peter's	St. Andrew's	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out- patients.	District I.	District 11.	District III.	St. Mary's Hospital.	Clinical Hospital.	City Gaol.
	1	2	3	4	5	6		7	8	9	10	11	12	13	14	1
Small-pox						2	2	1	3		al					
Measles		2					2							1		
Scarlet Fever						6	6		2					2		
Diphtheria																1
Whooping-cough																1
Croup																1
Diarrhœa	1						1	2	1					4	6	1
Dysentery			1				1							100		
Malignant Cholera												1				
Erysipelas						1	1	3						1		-
Continued Fever					3		3								1	-
Typhus			al				1	9					2			
Enteric or Typhoid			al				1		3				3			
Febricula						2	2		1		1		1	7	2	-
Ague																-
Rheumatic Fever									2	11	3		2			-
Puerperal Fever								1				1				-
Bronchitis and Catarrh	6	6	10	9	4	12	47	12	1	40	1	1	9	8	10	
Influenza								1					1	120		
Pleurisy and Pneumonia	1	1				1	2	5		19	3		6	1 100	3 2	
Phthisis	1			3				13	1	4					1	
All other Diseases	1	3	13	8	3	10	79	67	30	115	3	2	7	56	84	1
Accidents	2			1			3	10	13	83		-				-
TOTAL	51	12	26	21	10	35	155	126	57	277	12	6	31	81	109	1

Medical Officers to whom the Associatio

(1) Mr. R. M. MANN. (2) "J. BROADBENT, (3) "EDWARD MEACHAM, (4) "JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) J. P. SLEIGHTHOLME, (11) Mr. W. H. CARRUTHERS, (10) "J. PORTER, (11) "C. CURRIE RITCHIE,

(13) Mr. H. RUNCOR (14) ", W. M. MACC (15) ", J. OGDEN FL (16) ", J. TEALE,

ANITARY ASSOCIATION.

NS OF MANCHESTER AND ADJOINING DISTRICTS

reek ending the 3rd day of April, 1869.

	-	-	-	-	-	active to the	-	-	-	-	-	-			-
SAL	FOR	D.	1	HU	LME	.	СНО	RL- N.	ARD- WICK	PE	NDL	ETON .	AND RY.		
	,329),967.						. 646		508. 21739			2650 4,448		Area in Statute Acres. Population in 1861.	
A W	Insti	UBLIC	ons.		R LA		District.		strict.	Anceats	Union		Week		S.
Regent Road.	Workhouse.	Dispensary.	Salford County Gaol.	George's.	Medlock.	Philip's	Poor Law Die	Dispensary.	Poor Law District.	Ardwick & Anc Dispensary.	Choriton Unic Workhouse.	Total.	Corresponding V	DISEASES.	DEATHS
89H 17	™ 18	leid 19	20	# 21	22	± 23	24 24	sid 25		27	ට් 28		Corres	eg seucathe dans h	
1	8	2	-				1	-1			1	21		Small-pox	
		6		2	1		2		1		15	30	13	Measles	1
••		8		1				3	1			23	15	Scarlet Fever	1
														Diphtheria	
													16	Whooping-cough	
••													1	Croup	
••		3	1								1	22	34	Diarrhœa	1
••												1	6	Dysentery	
••									1					Malignant Cholera	
••							1	1	1			6	10	Erysipelas	
••	2	1						2		1	1.	11	16	Continued Fever	
•••		2					a2			1		16	20	Typhus	3
		1						3	1	1	1	16	4	Enteric or Typhoid	1
1		3		1	1	1	1	6		2	3	32	17	Febricula	
•••		3		1			1			1				Ague	
					1			1		1		24	11	Rheumatic Fever	
1		2					1			1				Puerperal Fever	
			5	5	9	5	7	17		7	22	258	228	Bronchitis & Catarrh	10
9		34		1	3		1		1	1		8	13	Influenza	
	1:	4	2	1		1	1	1		1		23	23	A PROPERTY OF THE PARTY OF THE	1
1		13		2			2	1	5			72			13
		7		1	1	1	1	1000							4
16	1	90				9	1.		1				1000	CONTRACTOR DESCRIPTION AND DESCRIPTION OF THE PERSON NAMED IN CONTRACTOR O	
3		51		2		1				-1-					7
32		234 To Ref		1 24	1 19	16	36	8	1 18	5 71	98	1523	160	TOTAL	

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ., J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L. WEST MACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return af Births and Denths in Manchester and Salfard.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Böwker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	1 1 2 1 20 13	3 1 2 13 16	 2 10 20	1 2	 5 12	 15 10	8 1 1 6 12	1 1 5 2	·· 2 ·· 3 8 9	2 2 1 16 20	1 4 7	17 4 10 5 8 109 125	5 8 17 4 11 68 148
TOTAL No. OF DEATHS.	38	35	32	14 20	17 23	30	28	9 21	23	72	32	358	382

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.

Medical Officer of Hulth, John Whitmore, M.D.

Population in 1881, 161680.

At Pauper, Charitable, and Public Institutions in MANCHESTER and SALFORD. Population in 1861, 390, 815.

4 Weeks ending 26th Dec.	5 Weeks ending 30th Jan.		TOTAL.	DISEASES.	4 Weeks ending 26th Dec.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	TOTAL
2 52 46 1 50	1 57 68	2 19 56 2 71	5 128 170 3 231	Small-poxMeaslesScarlet FeverDiphtheriaWhooping-cough	158 158 	34 54 204 4 3	48 52 93 8	105 124 455 16 6
204 20	294 1 25 7	3 242 15 8	740 1 60 27		117 18 113	144 7 32 99 135	140 8 22 88 90	401 19 72 300 592
12 2 1 67 3 55	5 104 1 71	1 104 55	2 7 275 4 181	Typhus Enterie or Typhoid Febricula Ague Rheumatic Fever	60 161 1 61	61 210 113	29 242 117	150 643 1 291 3
868 2 45 62 19	1441 6 57 100 34	1048 3 45 94 19 3842	3357 11 147 256 72 11461	Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Diseases.	18 72 -219 159	1406 15 95 349 154 4740	1105 23 81 292 133 3957	3574 56 248 860 446 12154
3241 4753	4378 6766	5629	17148	TOTAL	5983	7892	6.541	20316

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 1-428 15 Eccles 1-400 13 Old Trafford 1-270 10 Salford 0 985 14 Wilmslow	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq.	Ессіев, Т.МасквинпЕва	Wilmslow, J.Tromrson, Esq.	Royton, J. HEAP, ESQ.	Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level Barometer. Mean @32°F., and reduced to sea level Highest	130 ft. INS.	108 ft. 29.818 29.983 29.230 0.774	123 ft. 1N8. 29-827 29-980 29-246 0-734	145 ft. 1N8. 29:818 29:983 29:239 0:744	251 ft. INS.	544 ft. INS.	43 ft. 1NS. 29·819 30·080 29·318 0·762
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade	NO RETURN.	39·7 16·7 10·3 50·7 34·0 32·4	30·5 30·0 13·3 52·0 32·0 33·1	40·0 21·3 13·2 51·5 30·2 30·3	RETURN	RETURN.	41·4 25·0 15·0 52·7 27·7 34·4
Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation-1,000)	NO	ors. 0.756	ons. 0.784	GRS. 0:678	NO	No	GRS. 0.770
Prevailing Winds	,2000g	NE,W 0.619	NE 0-557 3-43 0-28	NE.W 0-647 4-14	Canana a	d for th	NE 0·494 4·70

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, APRIL 10, 1869.

No. 454

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, April the 10th, 1638 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1523, and in the corresponding week of last year it was 1416. The deaths during the week amounted to 45, being in the proportion of 1 death to every 36 cases.

There is a decrease in the cases of Small-Pox, the number having fallen from 21 to

11; 6 of these occurred in Manchester, 4 in Salford, and 1 in Ardwick.

Measles is becoming prevalent, the cases for the last three weeks amounting to 20, 30, and 39 respectively. Six of these occurred in Manchester, 7 in Salford, 3 in Hulme, 19 in Chorlton, and 4 in Ardwick.

There is a decrease in the cases of Scarlatina, the number having fallen from 23 to

13. Three of these occurred in Manchester, 7 in Salford, I in Hulme, and 2 in Chorlton.

There is a slight decrease in the cases of fever, the number being 41 instead of 43. Fifteen cases were attributed to Continued Fever, 18 to Typhus, and 8 to Typhoid Fever; 15; of the fever cases were treated in Hospitals and the remainder at their homes.

The cases of Bronchitis and other acute chest diseases have fallen from 289 to 269.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 223 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-one deaths were caused by diseases of the lungs, 13 by Fever, 11 by Scarlatina, and 11 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 47.1°; at the Salford Observatory it was 45.5°; at Eccles 45.0°; and at Old Trafford, 46.4°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment L

							1000	110000	EST	10000					
Area in Statute Acres Population in 1861	130 GW						Mancl			vnship ••		,645 ,050			
		Po	or L	aw D	ISTRI	CTS.				Pu	BLIC .	Insti	TUTIO	ons.	
		- N	100			el's		. 0	F	COYAL	Infi	RMAR			DREN
DISEASES.	St. Peter's	St. Andrew'	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out-	District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.
ace '96	1	2	3	4	5	6	L C	7	8	9	10	11	12	13	14
Small-pox						4	4		2						
Measles	2		1		1		4		1					1	
Scarlet Fever						1	1					2			
Diphtheria															
Whooping-cough	1						1							3	
Croup															
Diarrhœa			1				1	1						9	6
Dysentery										1					
Malignant Cholera															
Erysipelas															
Continued Fever	2			2	a1		5								
Typhus						2	2	4	1			1	a2		
Enteric or Typhoid													a2		
Febricula	1				2	3	6	2		1			1	6	1
Ague															
Rheumatic Fever	1		1				2	1	3	5	1	1	4	1	
Puerperal Fever															
Bronchitis and Catarrh	7	6	10	9	4	8	44	11		38	3	2	7	6	4
Influenza															
Pleurisy and Pneumonia			1	1		3	5	4		2			2	2	
Phthisis		2	2	2			6	6	1	22	1	4	5	6	3
Constitutional Syphilis				1	••	1	2	5		8	**				1
All other Discuses	25	8	15	9	6	21	84	60		188	3	8	5 2	77	90
			-		-	_									105
a Removed to Workl	39	16	31 1 Ren	24	15		169	99	41	372	8	18	30	111	105

Medical Officers to whom the Associatio

¹⁾ Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME, (12) Mr. W. H. CARUTHERS, (10) ,, J. PORTER, (11) (12)

⁽¹³⁾ Mr. H. RUNCOR (14) "W. M. MACC (15) "J. OGDEN FL (16) Dr. A. C. CLARR

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 10th day of April, 1869.

PRICE DE CONTRACTOR	THE REPORT OF	WALLEST OF THE PARTY NAMED IN	NAME OF TAXABLE	CONTRACT	ACCUPATION NO.	CONTRACTO	CAPPORAT	CONTRACTOR OF THE PERSON OF TH	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, whic	NAME OF TAXABLE PARTY.	ennament of	OFFICE STREET,	-	THE RESERVE OF THE PARTY OF THE	STATE STATE OF
SAI	LFOR	D.		н	JLM	E.	СНО	RL- N.	And- wick	PE	NDL	ETON LEBU	AND RY.	To an amount	
	1,329				477. 8,209	- 100000	64		508, 21739			2650 24,448		Area in Statute Acres. Population in 1861.	
RLAW		UBLI			or La		District.		triet.	Ancoats	uo .		Week		
L Regent Road.	8 Workhouse.	6 Dispensary.	Salford O County Gaol.	N St. George's.	No Medlock.	St. Philip's	Poor Law Dist	Dispensary.	Door Law District.	Ardwick & Anc.	O Chorlton Union	Total.	Corresponding W. last Year.	DISEASES.	DEATHS
1.	4									1		11		Small-pox	1
		7		2		1	4		1	3	15	39	7	Measles	1
	1	õ		1				2				13	26	Scarlet Fever	1
														Diphtheria	
										.,		4	19	Whooping-cough	
														Croup	
		5	3	1	1		3			1	2	37	42	Diarrhœa	
												1,	2	Dysentery	
														Malignant Cholera	
													3	Erysipelas	
	6	2								2		15	25	Continued Fever	
							a2	<i>b</i> 2			4	18	28	Typhus	3
1		2		a2				1				8	3	Enteric or Typhoid	
		5			2	3	1	3		1	1	36	55	Febricula	
														Ague	
								1		2		21	11	Rheumatic Fever	
													1	Puerperal Fever	
1		36	2	7	5	3	10	14	1	8	30	248	201	Bronchitis & Catarrh	5
													15	Influenza	
		4								1		21	15	Pleurisy & Pneumonia.	1
1		12		1		1	2	2	1	4	7	85	66	Phthisis Sankilia	7
. 10	3	95	1 3	6	8	12	18	24	2	27	60	27 832	639	Constitutional Syphilis All other diseases	24
18		49			1	12	2	13		25		222	215	Accidents	24
	14	-		-		21	-	62	5	75	119	1638	1416	TOTAL	45
\$ 27	14 + No	228 Retu	9 m.	20	17	21	44	02	1 0	10	119	1 1000	1410	10140	

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) (19) ., J. O. BRADBURY, (20) Dr. BRADDON, (21) Mr. S. WOODCOCK, (22) Dr. ALEX, WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Denths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles	3	ï					i	::	::	2 3	·i	2	13
Whooping-cough	2	ï		2	::		1	2	·i	1	::	2	6 13
Diarrhœa	ï	1	7	::	::	ï	2 3	::	1	1	**	5	5
Diseases of the Lungs Other causes	14 18	12 6	9	4	3 3	10	7 8	1 5	10	19 17	4 3	81 98	14 69 114
TOTAL No. of DEATHS.	38	22	33	7	6	19	22	8	16	44	8	223	234
TOTAL NO. OF BIRTHS.	45	39	23	21	21	40	41	20	29	45	26	350	288

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

4 Weeks ending 26th Dec.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	TOTAL.	DISEASES.	4Weeks ending 26th Dec.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	TOTAL
2	1	2	5	Small-pox		34	48	105
52	57	19	128	Measles	18	54	52	124
46	68	56	170	Scarlet Fever	158	204	93	455
1		2	3	Diphtheria	**	7.5	**	
50	110	71	231	Whooping-cough	4	4	8	16
1	6	3	10		.::	3	140	6
204	294	242	740	Diarrhœa	117	144	8	401 19
	1		1	Dysentery		,	0	
***	25	15	60	Malignant Cholera		32	22	72
20 12	20	8	27		113	99	88	300
2		0	2	Typhus	167	135	90	892
ı î	5	1	7	Enteric or Typhoid		61	29	150
67	104	. 104	275	Febricula	161	240	242	643
3	1		4		1		. 55	1
55	71	55	181	Rheumatic Fever		113	117	291
				Puerperal Fever		3	1105	3
868	1441	1048	3357	Bronchitis and Catarrh	1063	1406	1105	3574 56
2	6	45		Influenza	72	95	81	248
45 62	57 100	94	147 256	Pleurisy and Pneumonia	219	349	292	860
19	34	19	72	Constitutional Syphilis	159	154	133	446
3241	4378	3842		Accidents, and all other Diseases	3447	4740	3957	12154
4753	6766	5629	17148	TOTAL	5883	7892	6541	20316

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 1.428 15 Eccles 1.400 13 Old Trafford 1.270 10 Salford 0.985 14 Wilmslow Royton	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T.Mackereth, Esq.	Trafford, G.V.Vernon, Esq.	Eccles, T.MACKERETHESO	Wilmslow, J. Thompson, Esq.	Royton, J. HEAP, Esq.	Penketh, Warrington L.W.Reynolds Esq
Height of barometer cistern above sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	NO RETURN.	108 ft. 188, 29:972 30:061 29:573 0:488 45:5 28:7 10:1 64:9 36:2 40:6 6R8, 0:834	123 ff. INS. 29:973 30:016 -530 0:486 46:4 32:0 13:1 67:0 35:0 38:1 0rs. 0:736	145 ft, 1N8. 29:972 30:061 29:573 0:488 45:0 31:1 10:4 66:0 34:9 39:8 0:822	NO RETURN SNI 152	NO RETURN.	43 ft. INS. 29:967 30:160 29:640 0:520 47:5 34:7 11:3 68:3 33:6 41:6 GRS. 0:869
Prevailing Winds Rain Ozonometer. Moffat Schonbein		SW,E 0:556 0:18	E,SE 0·616 2·00 1·28	SW,E 0-686 4-14	A hozy	the out	W,E 0·730 4·60

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

ToL. IX.1

WEEK ENDING SATURDAY, APRIL 17, 1869.

No. 455

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, April the 17th, 1555 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1638, and in the corresponding week of last year it was 1585. The deaths during the week amounted to 69, being in the proportion of 1 death to every 22 cases.

Small-Pox remains the same as it was in the preceding week, 11 cases being returned. Nine of these were observed in Manchester and 2 in Ardwick, the other districts being free from the disease.

There is this week a diminition in the cases of Measles, 23 being returned instead of 39. Thirteen of these occurred in the Chorlton Union Workhouse.

There is a slight rise in the cases of Scarlatina, 18 being returned instead of 13. Six of these occurred in Manchester and 12 in Salford. In the corresponding week of last year the number was 17.

As the weather becomes warmer the cases of Diarrhœa and Dysentery become more numerous, the numbers for the last three weeks under this head being 23, 38, and 44.

The fever return is not favorable this week, the increase upon the number of the previous week amounting to 12. Of the 53 cases of Fever returned for the week 11 were assigned to Continued Fever, 38 to Typhus, and 4 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have decreased from 269 to 215. In the corresponding week of last year the number was 298.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 231 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Fifty-eight deaths were caused by diseases of the lungs, 14 by Fever, 12 by Scarlatina, and 8 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 55.2°; at the Salford Observatory it was 55.9°; at Eccles 55.5°; and at Old Trafford, 56.7°.

JOHN ROBERTS, M.D., Hon. Sec.

OMMITTEE ROOMS.

PALL MALL, MANCHESTER.

MANCHESTER AND SAL

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

		Th	(X 2)	di	ADD	(Del			ESTE						
Area in Statute Acres Population in 1861							Manch		Tow,			,645 ,050			
		Poo	or La	w Di	STRIC	TS.	114		7-13-1	Pui	BLIC I	Insti	TUTIO	NS.	
	_	8.4	00			el's			R	OYAL	Infi	RMAR	v.	Ситы	-
DISEASES.	St. Peter's	St. Andrew's	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out-	District I.	District 11.	District 111.	100	
3, 17, 1809 No. 445	1	2	3	4	5	6		7	8	9	10	11	12	13	1
Small-pox				3		2	5	2				2			
Measles	1				2		3							2	
Scarlet Fever									1			1	1		
Diphtheria															
Whooping-cough										**				1	1
Croup			2.							100					
Diarrhœa			3			1.39	3	2		4			2	8	-
Dysentery															1
Malignant Cholera															
Erysipelas		1	·				1	1							-
Continued Fever	1	1		1			3								-
Typhus	1					2	3	13	5		a2	2			-
Enteric or Typhoid															-
Febricula			2			1	3	5				4	1	9	
Ague															-
Rheumatic Fever	1		1				2				1	2			
Puerperal Fever															-
Bronchitis and Catarrh	5	5	2	2	2	7	23	6	1	38	1	5	6	7	
Influenza															-
Pleurisy and Pneumonia		1	1		1	1	4	3					1		
Phthisis		1	2	1		1	5	8		25	3	3		4	
Constitutional Syphilis								4							
All other Diseases	19	9	11	10	1	11	61	46	24	129	5	4	10	77	1
Accidents				1			1	8	14	93					1
TOTAL	28	18	22	18	6	25	117	98	45	289	12	23	21	108	1

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are tnen reported twice over this fact has several times been noticed

1) Mr. R. M. MANN.
2) ,, J. BROADBENT,
3) ,, EDWARD MEACHAM,
4) ,, JOHN WALSH.
(5) Mr. OCTAVIUS DEAN,
(6) Dr. LEDWARD.
(7)Mr. J. WESTMORELAND,
(8) , J. P. SLEIGHTHOLME,

Medical Officers to whom the Associa

(9) Mr. W. H. CARRUTHERS, (10) J. PORTER, (11) J. C. CURRIE RITCHIE, (13) Mr. H. RUNG (14) "W. M. M. (15) .. J. OG DEN (16) Dr. A. C. CLA

SANITARY ASSOCIATION.

PIONS OF MANCHESTER AND ADJOINING DISTRICTS

: Week ending the 17th day of April, 1809.

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	8	SALF	ORD).		п	UI.MI	E.	CHO	RL- N.	ARD- WICK	PI	ENDI EN I	LETON	& KY.		
		1,3	329				477.		64	6	508.			2660		Area in Statute Acres.	
		70,9	067.			6	8,209		44,8	350	21739		2	4,448		Population in 1861.	
	R LA			'UBLI			OK LA		et		ict.	ats			cek		
D	ISTRI		INST	TTUTI	CNS.		STRIC	T8	District		Poor Law District.	Anecats	Union vuse.		2	a quiltary and	S
5	Regent Road.	Road 2.	186.	ry.	aol	c's.		s,d		17.	w D	Ardwick & And Dispensary.		15	Cerresponding last Year.	P. 120. 1200	THS
Ban	nt B	o. 2	hou	nsa	Salferd nty Ga	eorg	ock.	bili	Law	PTI ST	La	ick	iton	Total	st 1	DISEASES.	4
rreengane.	ege	Kegent No. 2	Workbouse.	Dispensary.	Salferd County Gaol	St. George's.	Medlock.	St. Philip's	Poor	Dispensary.	Poor	rdw	Choriton	Total.	resp		DE
76.00	17	18	19	20		22	23	24	170.00	26	27	28	29		Cer	or emportant liber	
6			15		21	20			20	-	-		_				_
								2.				2		11		Small-pox	
1				3						1			13	23	8	Measles	3
				7		5								18	17	Scarlet Fever	
				1										1	1	Diphtheria	1
														1	21	Whooping-cough	
																Croup	
1		1		4	4	2	2		1				1	43	42	Diarrhœa	
											1			1	3		
1														-	3	Dysentery	
																Malignant Cholera	
1										1		1		5	6	Erysipelas	1
		1		5						1			1	11	31	Continued Fever	1
		1		1					b3	<i>b</i> 2			6	38	25	Typhus	8
				3						1				4	1	Enteric or Typhoid	
				2			1	3	1	5			2	40	45	Febricula	
																Ague	
						1		1	1		2	1	3	14	12	Rheumatic Fever	
••									1							Puerperal Fever	
		6				1.			9	9	3		7	188			
6	3	0		32	3	4		1	9	9	0	10		100	260	Bronchitis & Catarrh	5
										1:				1	20	Influenza	
••	2			4			3	1		4	1	1	3	26	18	Pleurisy & Pneumonia.	1
3	1	2		10	1				3	5		2	5	87	84	Phthisis	13
2		29	1.	6		1::		2	5			0.1	1	27	43	Constitutional Syphilis All other diseases	1
24	12		4	89	2	11	8	11	19	24	7	24 27	51	780 236	726		1
1	1			66		3	1		4	14	-		-				-
40	19	42	4	233	10	1 56	15	19	45	67	1 12	68	95	1555	1585	TOTAL	_

is indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) "JAMES CRAN. (19) .. J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX, WILSON, (23) Mr. H. M. WILLIAMSON, (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L. WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

a the reports of the Association, and has as far as practicable, been taken into account in the conclusion rawn from the weekly returns.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason,	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Upple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Thishp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes.	1 1 1 2 11 15	1 1 	 	6 6	:::3:129	i i 	2 1 1 3 2	3	······································	1 4 10 13		1 8 1 12 14 58 137	5 10 22 7 18 78 146
TOTAL NO. OF DEATHS.	31	18	33	12	15	15	35	16	26	28	8	231	285
TOTAL No. OF BIRTHS.	51	47	14	24	23	29	46	27	38	61	2)	380 4	331

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford. Population in 1861, 390, 315.

4 Weeks ending 26th Dec.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.		DISEASES.	4 Weeks ending 26th Dec.	5 Weeks ending 3 th Jan.	4 Weeks ending 27th Feb.	TOTAL
2	1	2	5	Small-pox	23	34	48	105
52	57	19	128		18	54	52	124
52 46	68	56	170	Searlet Fever		204	93	455
1		2	3	Diphtheria				
50	110	71	231	Whooping-cough	4	4	8	ić
1	6	3	10	Croup		3	3	6
204	294	242	740	Diarrhœa		144	140	401
1	1		1		4	7	8	19
		00.0	60	Malignant Cholera		32		
20	2.5	15	60	Erysipelas	18		22	72
12	7	8	27	Continued Fever	113	99	88	300
2			2	Typhus	167	135	90	592
1	5	1	7	Enteric or Typhoid	60	61	29	150
67	104	104	275	Febricula	161	210	242	643
3		22 1	4	Ague	1			1
55	71	55	181	Rheumatic Fever	61	113	117	291
000	1.20		3357	Puerperal Fever		3	:	3
868	1441	1048		Bronchitis and Catarrh	1063	1406	1105	3574
2	57	3 45	11	Influenza	18	95	23	56
45 62	100	94	147 256	Pleurisy and Pneumonia	72			218
19	34	19		Phthisis	219	349	292	860
\$241	4378	3812		Constitutional Syphilis	159	154	133	446
0211	4010	0512	11401	Accidents, and all other Diseases	3447	4740	3957	12154
4753	67.66	5629	17148	TOTAL	5883	7892	6541	20316

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days, Penketh 1'428 15 Eccles 1'400 13 Old Tratford 1'270 10 Salford 0'985 14 Wilmslow Royton	Royal Infirmary, Dr. Reed.	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Y. FRNON, Esq	Eccles, T.MACKERETHESQ	Wilmslow, J. Thompson, Esq.	Royton, J. HEAP, Esq.	Penketh, Warrington L.W.Reynolds Esq
lieightofoarometer disternabove sealevel Barometer. Mean @ 32° F., and reduced to sea leve. Lighest Unreduced to sea leve. Lange Temperature. Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade	NO RETURN.	108 ft. 29-808 30-213 29-007 1-206 55-9 33-6 17-4 77-6 41-0 47-9 ors. 0-753	123 ft. NS. 29:8×9 30:209 29:018 1:191 56:7 37:0 21:9 78:5 41:5 47:8 088. 0:821	145 ft. 1NS. 29:808 30:213 29:007 1:206 55:5 33:2 18:3 77:4 42:2 46:4 0RS. 0:715	NO RETURN	NO RETURN.	43 ft. 1Ns. 29 797 30 288 25 070 1 218 57 1 37 8 23 6 70 9 42 1 49 6 0RS. 0 75 7
Prevailing Winds Rain Ozonometer. Moffat Schonbein		8 0·524	W,SE 0·433 2·57 0·30	S 0-411 4-00			0-880 4-10

April 17, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, APRIL 24, 1869.

No. 456

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, April the 24th, 1430 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1555, and in the corresponding week of last year it was 1556. The deaths during the week amounted to 55, being in the proportion of 1 death to every 26 cases.

There is this week a considerable rise in the cases of Small-Pox, 23 being returned against 11 in the preceding week; 16 of these were observed in Manchester, 5 in Salford, 1 in Hulme, and 1 in Chorlton.

There is but a slight improvement under Measles, 21 cases being returned instead of 23. The increase in the return of Measles during the previous fortnight was owing to the outbreak of Measles in the Chorlton Union Workhouse, which has now subsided.

The cases of Scarlatina amount to 18, being the same number as in the preceding week. Three occurred in Manchester, 11 in Salford, 1 in Hulme, and 3 Chorlton.

There is a marked improvement in the Fever return, 32 cases being reported instead of 53. Twelve were attributed to Continued Fever, 15 to Typhus, and 5 to Typhoid Fever. Five of the Fever cases were treated in the Manchester Workhouse, 3 in the Royal Infirmary, 3 in the Salford Workhouse, and 8 in the Chorlton Union Workhouse.

The cases of Bronchitis and other acute chest diseases continue to diminish, the numbers for the last three weeks being 269, 215, and 186.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 211 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventy-seven deaths were caused by diseases of the lungs, 12 each by Scarlatina and Measles, 6 by Fever, and 4 by Small-Pox.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 50.3°; at the Salford Observatory it was 48.7°; at Eccles 48.2°; and at Old Trafford, 50.0°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment D

	MANCHESTER.															
Area in Statute Acres							Manch		Tow		1, 185,	645 050				
			-		STRIC		1	Public Institutions.								
	1	60	m		1	.00			R	OYAL	Infii	RMAR	CHILDREN			
DISEASES.	1 St. Peter's	N St. Andrew's	ω St. George's	A Cathedral	Cr St. Jude's	9 St. Michael's	Total of Districts.	7 Workhouse.	o patients.	6 patients.	O District I.	L District	District III.	St. Mary's Hospital.	Clinical 4 Hospital.	
Small-pox			5		al	1	7	6	2				1			
Measles		1					1						1	3		
Scarlet Fever								1							2	
Diphtheria																
Whooping-cough														2		
Croup																
Diarrhœa			1			1	2	2		3				7	6	
Dysentery		**		TW.		10										
Malignant Cholera																
Erysipelas						1	1	3								
Continued Fever	1		1	1	al		4	1								
Typhus								3	3							
Enteric or Typhoid								1					61		1	
Febricula		3					3	1	••					9	2	
Ague																
Rheumatic Fever									1	4						
Puerperal Fever			••		3.1											
Bronchitis and Catarrh		4	1	3	5	7	20	10		26	2	4	4	1	5	
Influenza																
Pleurisy and Pneumonia		1			a2		4	2		10		1	3	6	5	
Phthisis	1	1		1	2	4	8	11	1	16		1	1 6	1	2	
Constitutional Syphilis	100000	5	9	8	4	12	65	58	28	HARRY.	3	4	4	84	88	
All other Diseases	3			1		1	5	6	15	1			1		2	
	-	-	17	14	15	27	120	116	50		5	-	18		113	
TOTAL	1				1		yal Infi			1200		-	, , ,	77	1	

1) Mr. R. M. MANN.
(2) ,, J. BROADBENT,
(3) ,, EDWARD MEACHAM,
(4) ,, JOHN WALSH.
(5) Mr. OCTAVIUS DEAN,
(6) Dr. LEDWARD,
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(10) Mr. W. H. CARRUTHERS,
(11) Mr. W. M. W. M.

Medical Officers to whom the Associate

(13) Mr. H. RUNCO (14) ", W. M. MAC (15) ", J. OGDEN F (16) Dr. A. C. CLAR

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 24th day of April, 1869.

1817	Add to	_	NAME OF THE OWNER, OWNE	-	-	-	-	-		-	OR THE PER	-	-	-		-
1	SALF	ORD).		н	JLMI	g.	СНО	RL- N.	ARD- WICK	PI P.	ENDI	LETON LEBU	& RY.	La continue de la con	
	1,3				36,400000			64	200	508. 21739	(C)		2650 24,448	200	Area in Statute Acres. Population in 1861.	
OR LA			UBLI			or La		triet.		trict.	Ancoats Ancoats nion 8e. T.			co.		
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Dispense	Chorlton Union Workhouse.	Total.	Cerresponding W last Year.	DISEASES.	DEATHS
17	18	19	20	21	22	23	24	25	26	27	28	29		0		
		2	2	1	al							1	23		Small-pox	
1			11		1	1	2						21	10	Measles	2
1.			10		1				3				18	30	Scarlet Fever	
															Diphtheria	
												1	3	20	Whooping-cough	
														3	Croup	
			4	3	1		2	1	1			3	40	43	Diarrhœa	
														3	Dysentery	
															Malignant Cholera	
			2					1					8	4	Erysipelas	
1		3	2									2	12	20	Continued Fever	
			3									6	15	22	Typhus	4
1			1										5	19	Enteric or Typhoid	1
			4				5	3	6		2		37	35	Febricula	
															Ague	
	1											1	7	31	Rheumatic Fever	
														3	Puerperal Fever	
6	7		34	4	2		3	9	2	1	4	15	170	240	Bronchitis & Catarrh	6
										1				7	Influenza	
			3			2							16	22	Pleurisy & Pneumonia.	
1	2		12		1	1		2	2		4	4	80	63	Phthisis	12
	1		7	2		1			1	1:	1	4	38	50	Constitutional Syphilis	1
9	12		74	3	10	10	7	16	25	7	15	60	698	724	All other diseases	26
	1		53		1			3	13	-	24		239	-	Accidents	-
18	24	1 5	222	13	1 18	15	19	35	53	8	50	97	1430	1556	TOTAL	1

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) , JAMES CRAN. (19) ,, J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Mauchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox	::	3 4	::	ï	·i	::	3	::	2	1	i	12	2
Scarlatina	3	i	::		1	ï	ï			4	i	12 3	21
Diarrhœa	ï	1	2 9	::	ï	1	::	::	::	1	::	6 1	13
Diseases of the Lungs Other causes	7 9	9	9	4 4	5 3	9	io 11	6	8 7	15 18	4	6 77 96	5 21 6 13 72 117
TOTAL No. OF DEATHS.	20	33	22	9	12	16	25	8	17	39	10	211	236
TOTAL No. of BIRTHS.	46	44	17	18	14	36	38	22	27	52	20	334	350

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salvord.
Population in 1861, 390, 815.

5 Weeks ending 30th Jan.		4 Weeks ending 27th March.	TOTAL.	DISEASES.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	4Weeks ending 27th March.	TOTAL
1	2	2	5	Small-pox	34	48	43	125
57	19	15	91	Meastes	54	52	66	172
68	56	29	153	Scarlet Fever	204	93	68	365
.::	71	5	7	Diphtheria	*:	**	1	1
110	71 3	59	240 17	Whooping-cough	4 3	8	8	20
294	242	238	774		144	140	77	13 403
204	200	200	2	Dysentery	7 7	8	119	20
		-		Malignant Cholera		0		
25	15	21	61	Erysipelas	32	22	14	68
7	8	9			99	88	59	246
				Typhus	135	90	73	298
5	ï	15	21	Enteric or Typhoid	61	29	33	123
104	104	87		Febricula	240	242	150	632
1	::	::		Ague	.::	.::		
71	55	56	182	Rheumatic Fever	113	117	69	299
1441	1048	874	3363	Puerperal Fever Bronchitis and Catarrh	1406	1105	927	3435
6	3	5		Influenza	15	23	14	52
57	45	48		Pleurisy and Pneumonia	95	81	77	253
100	94	112			349	292	283	924
34	19	28	81	Constitutional Syphilis	154	133	116	403
4378	3842	3133	11353	Accidents, and all other Diseases	4740	3957	3591	12298
6766	5629	4746	17141	TOTAL	7892	6341	5726	20159

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 1.428 15 Eccles 1.400 13 Old Trafford 1.270 10 Salford 0.985 14 Wilmslow 1.270 10 Royton 1.270 10	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, Т.МаскеветнЕ89	Wilmslow, J. Thomrson, Esq.	Royton, J. HEAF, ESQ.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level Barometer. Mean @ 32° F., and reduced to sea level Highest	130 ft. INS.	108 ft. 188, 30:003 30:071 29:657 0:414	123 ft. Ns. 30:009 30:076 20:676 6:400	145 ft. INS. 30:003 50:071 29:657 0:414	251 ft. 1NS. 30:004 29:980 29:550 0:430	544 ft. INS.	43 ft. 1NS. 29*998 30*182 29*733 0*449
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	NO RETURN.	48·7 26·0 14·6 63·1 37·1 39·9	50·0 31·9 19·8 63·9 32·0 41·8	48·2 30·2 17·9 62·2 32·0 39·8	47·4 10·7 14·4 60·3 49·6 39·9	RETURN.	51·0 38·2 22·0 66·5 28·3 42·8
the Atmosphere. Degree of Humidity (Saturation-1,000)	NO	0 RS. 0 718	0.740	0-730	0.752	NO	GRS. 0-740
Prevailing Winds		SW,NW 0.604	S,SW 0.610	SW,NW 0.641	W 0-590		N,W,S 0.706
Ozonometer. Moffat		0.28	1.86	2.71	5.00		4.90

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, MAY, 1, 1869.

No. 457

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, May the 1st, 1510 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1430, and in the corresponding week of last year it was 1352. The deaths in public practice during the week amounted to 52, being in the proportion of 1 death to every 29 cases.

The present return is very satisfactory.

Under Small-Pox, there is a decline to the extent of 9 cases, 14 being returned; 8 of these occurred in Manchester and 6 in Salford, the other districts being free from the disease.

The decrease in the cases of Measles is but slight, 20 being returned instead of 21. This disease was more prevalent during the week in Salford and Chorlton than in the other districts.

Scarlatina has been declining for many weeks, this epidemic being evidently on the wane. Thirteen cases were reported for the week, being 5 less than in the preceding one. Scarlatina, like Measles, seems to be more prevalent in Salford than in any of the other districts.

Diarrhœa and Dysentery have not fluctuated much, the numbers for the last three weeks being 44, 40, and 43.

The most satisfactory return is that of Fever, only 23 cases were observed in public practice during the week. Ten cases were attributed to Continued Fever, 10 to Typhus, and 3 to Typhoid Fever. For some years Fever has been very prevalent in Manchester, in the Autumn of last year more than 100 cases of the worst forms occurred weekly. The number of Fever cases has not been so low as in this week during the last two years.

The decrease in Bronchitis and other acute chest diseases continues to take place, 179 cases were returned for the week.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 222 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Sixty-eight deaths were caused by diseases of the lungs, 11 by Fever, 9 by Measles, and 7 by Scarlatina.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 51.9°; at the Salford Observatory it was 52.8°; at Eccles 52.4°; and at Old Trafford, 54.2°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment L

						HESTER.									
Area in Statute Acres Population in 1861							Mancl			nship		,645 ,050			
		Po	or L	aw D	ISTRI	CTS.		Public Institutions.							
		8 /	80			l's	1		R	OYAL	Infi	RMAR	y.	Сніг	DREN
DISEASES.	St. Peter's	St. Andrew's	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out- patients.	District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.
	1	2	3	4	5	6		7	8	9	10	11	12	13	14
Small-pox								7							1
Measles	1						1							3	
Scarlet Fever												1		2	
Diphtheria															
Whooping-cough									1.3					3	
Croup							1.							0.59	
Diarrhœa			1	al	1	3	6	1						6	7
Dysentery gnied aleim	16.		100		1	1.0	1			1				1	
Malignant Cholera	ng.														
Erysipelas	Ball	11						1	100	1					
Continued Fever	1			1			2	1							
Typhus	280					3	3	1			0.0	2			
Enteric or Typhoid									1						
Febricula	1			1		3	5	dy		1	ing	1000		18	4
Ague										100				1	
Rheumatic Fever	miza		00		Hee	100	1000	10		3377			1		
Puerperal Fever							7110	**					19		
Bronchitis and Catarrh			6				91			69	5				19
Influenza	6	1		2	1	5	21	5		23		1	3	4	12
Pleurisy and Pneumonia								2		2			1	1	1
Phthisis			1	1			2	4	1	24	2	3	2	2	6
Constitutional Syphilis		1		1			2	6		4				1	
All other Diseases	8	6	7	6	2	12	41	55	100	165	4	6	2	81	95
-	20	8	15	13	5	26	87	90	45	134	11	13	10	121	1 127

Medical Officers to whom the Association

¹⁾ Mr. R. M. MANN.
(2) ,, J. BROADBENT,
(3) ,, EDWARD MEACHAM,
(4) ,, JOHN WALSH.
(5) Mr. OCTAVIUS DEAN,
(6) Dr. LEDWARD.
(7)Mr. J. WESTMORELAND,
(8) , J. P. SLEIGHTHOLME,

⁽⁹⁾ Mr. W. H. CARRUTHERS, (10) J. PORTER, (11) C. CURRIE RIFCHIE,

⁽¹³⁾ Mr. H. RUNCORI (14) ,, W. M. MACC, (15) , J. OGDEN FLI (16) Dr. A. C. CLARKI

ANITARY ASSOCIATION.

DNS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 1st day of May, 1869.

		-	-	-	AFFORDIN	-	-	-	-	-	-	-	-	-		-
S	ALF	ORD			RU	LMI	s.	СЦО ТО	RL- N.	ARD- WICK	PI	EN DI	LEBU.	& RY.	100 mm to 100 mm	
	70,9							64		300,000,000			2650 4,448		Area in Statute Acres. Population in 1861.	
R LA	w	P	UBLI			or La		District.		trict.	Ancoats nry. nion se.					
L Regent Road.	S Regent Road No. 2.	6 Workhouse.	O Dispensary.	Salford County Gaol.	St. George's.	S Medlock.	St. Philip's	Cr Poor Law Dis	Dispensary.	2 Poor Law District.	No Ardwick & And O Dispensary.	Chorlton Union	Total.	Cerresponding W	DISEASES.	DEATHS
					-			_	-	-	_			-	a "	-
		6											14		Small-pox	
5			5		1				6			1	20	22	Measles	1
			8								2		13	18	Scarlet Fever	1
1															Diphtheria	
				.,		.,							3	22	Whooping-cough	
														2	Croup	
	1		4	8	1	1		1	1	1		1	41	51	Diarrhœa	2
				110									2	2	Dysentery	
															Malignant Cholera	
	1							1	2				6	5	Erysipelas	
		2	3						1			1	10	20	Continued Fever	
			-					a)		1		2	10	23	Typhus	3
	20							a					3	11	Enteric or Typhoid	10
			3			**			2	1	4	1	48	46	Febricula	
	1		4		"	1		4	-	1	1					
											1		5	9	Ague	
								1	1		1		9	9	Rheumatic Fever	
															Puerperal Fever	
3	5		31	3	4	1	1	3	6	2	5	13	163	191	Bronchitis & Catarrh	3
														4	Influenza	
1			3						5	1	1 1	3	16 75	23 72	Pleurisy & Pneumonia.	9
3	2		9	1	2	1		1	0	1	1		25	43	Constitutional Syphilis	
10	10	2	100	2	5	8	9	18	29		29	44	773	613	All other diseases	100
1			63		2	2		6	18	1	26	4	283	175	Accidents	
21	19	10	236	12	15	14	10	36	72	10	70	73	1510	135	TOTAL	52
-	-		-					1	11	11	-	1777				737

indebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) " J. O. BRADBURY, (20) Dr. BRADDON,

⁽²¹⁾ Mr.S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M. WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L. WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Retnen af Births and Deuths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington,	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Thshp., Mr. Hallsworth.	TOTAL.	Corres ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	i 3 2 9 12	1 1 2 1 11 11 9	··· 1 ··· 2 4 16	·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	··· 2 ·· · · · · · · · · · · · · · · ·	1 1 4 7	2 1 1 1 4 15	 3 2 4	1	1 1 10 26	1 1 1 1 1 2 4	1 9 3 7 5 11 68 118	7 9 15 1 20 77 133
TOTAL No. OF DEATHS.	27	25	23	19	18	13	23	9	16	39	10	222	262
TOTAL No. OF BIRTHS.	46	42	24	14	16	33	46	14	33	58	20	346	352

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylabone, LONDON.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpond.
Population in 1861, 390, 315.

5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	i Weeks ending 27th March.	TOTAL.	DIREASES.	5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	4 Weeks ending 27th March.	TOTAL
1 57 68 110 6 294 1 25 7 5 104 1 71 1441 6 57 100 34 4378	2 19 56 2 71 3 242 15 8 1 104 55 1048 3 45 94 19 3842	2 15 29 5 5 59 8 238 1 21 9 15 87 56 1 87 48 1112 28 3133	21 295 1 182 1 3363 14 150 306 81	Small-pox Measies Scarlet Fever Diphtheria Whooph Cough Oroup Diarrhea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Puerperal Fever Bronchitis and Catarrh Influenza Phthisis Constitutional Syphilis Accidents, and all other Discases	54 204 4 3 144	48 52 93 8 3 140 8 22 88 90 29 242 117 1105 23 81 292 133 3967	43 66 68 1 8 7 119 5 14 59 73 33 150 69 3 927 14 77 283 116 3591	125 172 365 1 20 13 403 20 68 246 298 123 632 299 6 3438 52 253 52 403 123 632
6766	5629	4746	17141	TOTAL	7892	6341	5726	20159

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2.726 15 Bocles 2.292 15 Old Trafford 2.096 14 Salford 2.176 14 Wilmslow Royton	Royal Infirmary, Dr. Reed.	Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Ессісв, Т.МаскепктиЕво	Wilmslow, J. Thompson, Esq.	Royton, J. HEAP, Esq.	Penketh, Warrington L.W.ReynoldsEsq
Heightof barometer cisternabove sea level Barometer Mean @ 32 ° F., and reduced to sea level Highest Lowest Range Temperature Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade	130 ft. INS.	108 ft. 188, 30-299 30-363 30-009 0-354 52-8 30-2 20-4 71-7 41-5	123 ft, N s. 30-318 30-414 20-998 6-415 54-2 32-3 77-71-3 30-0	145 ft. 188. 30:299 30:363 30:009 0:354 52:4 32:8 22:0 70:1 37:3	251 ft. 1N8. 30·293 30·252 20·918 0·334 50·9 * 33·1 19·9 66·5 33·4	RETURN.	43 ft. 1NS. 30·291 30·450 30·092 0·358 54·2 40·3 27·2 72·3 32·0
Temperature of Dew Point	NO RETURN.	42·6 GRS. 0·685	42·1 grs. 0·637	40·4 GRS. 0·644	41·3 GRS. 0·697	NO RE	43·9 GRS. 0·680
Prevailing Winds		NE	NE	NE	0.005		
MoffatSchonbein		*		2.85	3.00	tin add	4.50

ERRATUM.—In last week's Return 10-7 should have been 25.7.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, MAY, 8, 1869.

No. 457

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, May the 8th, 1350 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1510, and in the corresponding week of last year it was 1484. The deaths in public practice during the week amounted to 52, being in the proportion of 1 death to every 26 cases.

The present return is not so satisfactory as the preceding one.

Twenty-five cases of Small-Pox are returned, showing an increase of 11 upon the number of the previous week. This disease is at present much more prevalent in Manchester than in any of the other districts. Eighteen cases were observed in Manchester, 3 in Salford, 1 in Hulme, and 3 in Chorlton.

There is a slight improvement this week in the return of Measles, 18 cases being reported instead of 20.

Scarlatina shows an increase of 7 cases for the week, 20 being returned. The largest number occurred in Manchester, where 12 cases were observed. Six cases occurred in Salford, 1 in Hulme, and 1 in Chorlton.

The Fever return is not so favourable this week as it was in the preceding one, there being an increase of 13 cases,—18 cases of Continued Fever, 12 of Typhus, and 6 of Typhoid Fever were observed in the public practice of the week. In the corresponding week of last year the cases of Fever amounted to 54.

The cases of Bronchitis and other acute chest diseases have risen from 179 to 202. This was undoubtedly caused by the cold weather which prevailed during the week.

DEATHS.—The Number Registered in Manchester and Salford, and their Causes.

Last week 229 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Sixty-seven deaths were caused by diseases of the lungs, 11 by Measles, 9 by Scarlatina, 7 by Diarrhea, and only 5 by Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 50.5°; at the Salford Observatory it was 46.3°; at Eccles 45.7°; and at Old Trafford, 47.1°. The weather was, therefore, much colder during the week in this neighbourhood than at Greenwich.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment L

							MAN	3350							
Area in Statute Acres Population in 1861							danch		Tow,		185,	050			
		Poo	R LA	w Di	STRIC	TS.	1			Pur	LIC I	NSTIT	TUTIO	NS.	
	1	80				L's			R	OYAL	Infi	RMAR	x.	Снил	DREN
DISEASES.	St. Peter's	St. Andrew'	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out- patients.	District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.
137, 8, 1802, 50, 43	1	2	3	4	5	6	T	7	8	9	10	11	12	13	14
Small-pox	1		1		b1	2	5	8			<i>b</i> 2	3			
Measles				1			1			.,				4	1
Scarlet Fever					2	1	3	2	1				1	3	2
Diphtheria		V. 3													
Whoopingfeough					· il										
Croup				0.00											
- 10	100	- 3	1 0	10	J		08.0	2						3	3
Diarrhœa		ive		i ivi		118	roffs	1000	100			100		1	
Dysentery		**			***				1						
Malignent Cholera					**										
Erysipelas	**					1	1	2							
Continued Fever	6						6	2			<i>b</i> 3				
Typhus						1	1	6				1			
Enteric or Typhoid													2		
Febricula	1						1	1	1					6	1
Ague															
Bheumatic Fever								7	2	9	1	2	1		1
Puerperal Fever			**	••				7	1	36	2		1	5	8
Bronchitis and Catarrh	6	1	1	a6	2	4	20			1	1	10	1	10	1
Influenza								2				1			2
Pleurisy and Pneumonia Phthisis								3	2 2	20	5	2	4	2	1
Constitutional Syphilis						2	2	4	1.	3	1				
All other Diseases	9	4	4	1	3	9	30	50	32	120	4	5	7	57	72
Accidents	1	1				1	3	4	13	72	3		2		
TOTAL	24	6	6	8	8	21	79	100	54	260	18	14	18	80	90

Medical Officers to whom the Associati

¹⁾ Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH.

⁽⁵⁾ Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,,J. P. SLEIGHTHOLME, (10) (11) Mr. W. H. CARRUTHERS, (10) J. PORTER, (11) (12) ", C. CURRIE RITCHIE,

⁽¹³⁾ Mr. H. RUNCO (14) ", W. M. MAC (15) ", J.OGDEN F (16) Dr. A. C. CLAR

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 8th day of May, 1869.

-	Name and Address of the Owner, where	AND DESCRIPTION OF	MARKET STR.	CHECKING.	MARK MINE	THE REAL PROPERTY.	ENDOCHMEN	ALC: NAME OF STREET	UCTORNING	common	means	INCOME	and the last	CONTRACTOR DE	No. of Concession,	A STATE OF THE PARTY OF THE PAR	STREET, SQUARE,
	8	SALE	ORI	D.	-	H	JLMI	E.	CHO TO		ARD- WICK	PI	ENDI END	LEBU	& RY.		
		1,3	29				477.		64	6	508.			2650		Area in Statute Acres.	
		70,9	967.			6	8,209		. 44,8	350.,	21739		2	24,448.,		Population in 1861.	
	R LA			UBLI			OR LA		riet.		rict.	Ancoats	g		eek		
	Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Anco Dispensary.	Chorlton Union Workhouse.	Total.	Corresponding Wolfer.	DISEASES.	DEATHS.
5	17	18	19	20	21	22	23	24	25	26	27	28	29		Coo	Manera Aranola	
			2	1		61							3	25		Small-pox	
				4					1	2	1	1	2	18	17	Measles	1
				6		1				1				20	24	Scarlet Fever	1
																Diphtheria	
							1			1				2	10	Whooping-cough	
				1										1	2	Croup	
		1		5	8		1	2					5	34	40	Diarrhœa	
															2	Dysentery	
																Malignant Cholera	
														3	5	Erysipelas	1
-			1	3			1		61				1	18	20	Continued Fever	
									<i>b</i> 1				3	12	27	Typhus	
				1		1			1	1				6	7	Enteric or Typhoid	
				4		1	1	1	2	7			. 1	29	43	Febricula	
																Ague	
	1							2	1			1		27	11	Rheumatic Fever	
																Puerperal Fever	
5	11	3		29	2		1	1	12	5	3	4	25	183	220	Bronchitis & Catarrh	2
											1	1		1	3	Influenza	
-	1	2		9	1			1		2	1	1	3	18 56	17 79	Pleurisy & Pneumonia. Phthisis	3 7
	5			4	1		1	1				1	3	26	41	Constitutional Syphilis	
	15	11	2	87	3	9	4	4	16	34	6	21	63	663	718	All other diseases	100
	1			57	1			5	2	16		24	4	208	198	Accidents	3
-	31	17	5	215	18	13	10	17	38	69	12	53	115	1350	1484	TOTAL	52
		+									21/2/11						1

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) ,, J. O. BRADBURY, (20) Dr. BRADDON,

(21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M. WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS,

Weekly Retarn of Births and Deuths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johnc.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	2 1 1 1 9 14	3 11 8	:: :1 :: :1 :16	1 1 1 4 7	 2 2 2 4 8	1 5 10	1 3 5 13	 2 1 1 11	2 1 9 7	1 1 1 1 6 28	2 1 2 2 4	11 4 9 7 5 67 126	6 8 26 2 13 68 121
TOTAL No. OF DEATHS.	28	22	28	14	16	16	22	15	19	38	11	229	244
TOTAL No. OF BIRTHS.	41	39	11	11	22	31	52	21	27	62	17	334	371

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680. At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

5 Weeks ending 30th Jan.	4 Weeks ending 27th Feb.	4 Weeks ending 27th March.	TOTAL.	DISEASES.	5 Weeks ending 30t h Jan.	4 Weeks ending 27th Feb.	4 Weeks ending 27th March.	TOTAL
1 57 68 110 6 294 1 25 7 5 104 1 71 1441 6 57 100 4 4978	2 19 56 2 71 3 242 15 8 104 55 1048 3 45 94 91 93842	2 15 29 5 59 8 238 1 21 9 56 1 87 48 112 28 3133	5 91 153 7 240 17 774 2 2 61 24 21 295 1 182 1 383 383 14 150 306 81 11353	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Croup Diarrhœa Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Diseases.	54 204 3 144 7 32 99 135 61 240	48 52 93 3 140 8 22 88 90 29 242 117 1105 23 81 292 292 395 395 7	43 66 68 1 8 7 119 5 14 59 73 33 150 69 3 927 14 77 283 116 3591	125 172 365 1 20 13 403 20 68 246 298 123 632 299 6 3438 253 924 403 12298
6766	5629	4746	17141	TOTAL	7892	6541	5726	20159

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2.726 15 Eccles 2.292 15 Old Trafford 2.096 14 Salford 2.176 14 Wilmslow Royton	Royal Infirmary, Dr. Reed.	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MACKERETHESQ	Wilmslow, J. Thompson, Esq.	Royton, J. Heap, Esq.	Fenketh, Warrington L.W.Reynolds Esq
Heightofbarometer cisternabove sea level Barometer. Mean @ 32 ° F., and reduced to sea level Highest	130 ft. INS.	108 ft. 1N8, 29:657 29:967 28:955 1:012	123 ft. N s. 29:662 29:990 28:942 1:648	145 ft. 1NS. 29.657 29.967 28.955 1.012	251 ft. 1N8. 29.650 29.860 28.834 1.026	544 ft. INS.	43 ft. 1NS. 29-645 30-054 29-028 1-026
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	NO RETURN.	46·3 20·1 9·9 60·0 39·9 40·9	47·1 25·2 12·9 62·2 37·0 40·0	45-7 23-5 11-9 60-5 37-0 40-6	45·1 22·3 10·5 57·5 35·2 39·9	NO RETURN.	47.5 30.4 13.6 63.7 33.3 41.6
the Atmosphere. Degree of Humidity (Saturation-1,000) Prevailing Winds	N	0.828 NE 1.370	0·798 NE 1·480	0·829 NE 1·672	0.820 ESE 2.083	A	0·809 NE,E 1·500
MoffatSchonbein		0.14	2·86 0·43	4-71	8-57		3.60

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

JOL. IX.7

WEEK ENDING SATURDAY, MAY, 15, 1869. No. 459

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, May the 15th, 1353 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1350, and in the corresponding week of last year it was 1615. The deaths in public practice during the week amounted to 67, being in the proportion of 1 death to every 20 cases.

The return for this week is satisfactory.

There is a considerable decrease in the cases of Small-Pox, 10 cases being reported instead of 25; 6 of these occurred in Manchester and 4 in Salford.

The cases of Measles have risen from 18 to 27. This disease was very prevalent during the week in Chorlton, where 14 cases occurred; 3 cases were returned from Manchester and 10 from Salford.

The number of Scarlatina cases has fallen from 20 to 15. Four cases occurred in Manchester, 3 in Salford, 3 in Hulme, and 5 in Chorlton.

The most satisfactory return is that of Fever; the week before last 23 cases of the severer forms were reported, which was the lowest number in any one week during the last two years, this week the number has fallen to 16; 2 of these were assigned to Continued Fever, 8 to Typhus, and 6 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have fallen from 202 to 187.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 198 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Sixty-seven deaths were caused by diseases of the lungs, 8 by Measles, 8 by Scarlatina, 5 by Diarrhea, and 4 each by Fever and Small-Pox.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 51.2°; at the Salford Observatory it was 48.2°; at Eccles 47.6°; and at Old Trafford, 48.5°.

JOHN ROBERTS, M.D., Hon. Sec.

MMITTEE ROOMS,

MANCHESTER AND SALI

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

		SH.	TOT		LOIN	ULLN	MAN	сн	ESTI	ER.					
Area in Statute Acres Population in 1861	ES-WS-						Manch			nship	2.2	,645 ,050	:::		
		Po	or L	w D	ISTRI	cts.				Pui	BLIC	Insti	TUTIO	NS.	
		28	00			l's			R	OYAL	Infi	RMAR	v,	Сип	DREN
DISEASES.	St. Peter's	St. Andrew'	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out-	District I.	District 11.	District III.	St. Mary's Hospital.	Clinical Hospital.
AY. 15, 1800. No. 459	1	2	3	4	5	6	- n	7	8	9	10	11	12	13	14
Small-pox	1550							2	3			1			
Measles	10,0		115											3	
Scarlet Fever					**								1	1	2
Diphtheria		(**)				de									di.
Whooping-cough			1.10			1	1					84		1	
Croup		1.2		-50	01.1										4.
Diarrhœa		1				1	2	3		1			0.0	7	4
Dysentery						1	1								
Malignant Cholera			1.5			and									
Erysipelas					1.8	100		1	1			1.0		T.,	
Continued Fever	77.85	8110			10								od		
Typhus								1	2						
Enteric or Typhoid									1						
Febricula	1				1	2	4			1		1		7	2
Ague	THE	al i		110		off									
Rheumatic Fever									2	4	1				
Puerperal Fever															
Bronchitis and Catarrh	4	3	3	6	4	3	23	5		19	1		1		6
Influenza				mil	101		1								
Pleurisy and Pneumonia						5	5	4		2			2	2	1
Phthisis			1	1			2	1		22		6	1	2	3
Constitutional Syphilis			10			17		8 55	16	5	5	7	6	61	60
All other Diseases	3	7	16	3	9	17	3	6		110	1				
TOTAL	8	12	20	10	14	32	96	86	-	291		15	13	84	79
	-		Rem					200				-21	By 3		

Medical Officers to whom the Associat

(1) Mr. R. M. MANN.
(2) ,, J. BROADBENT,
(3) ,, EDWARD MEACHAM,
(4) ,, JOHN WALSH.
(5) Mr. OCTAVIUS DEAN,
(6) Dr. LEDWARD.
(7) Mr. J. WESTMORELAND,
(8) ,, J. P. SLEIGHTHOLME,
(10) Mr. W. H. CARRUTHERS,
(10) ,, J. PORTER,
(11) ,, C. CURRIE RITCHIE,

(13) Mr. H. RUNCO (14) "W. M. MAC (15) ", J. OGDEN F (16) Dr. A. C. CLAF

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 15th day of May, 1869.

		1	_		_	_	_	-	-	_		-	_	-	_		-
	8	SALI	FORI	D.	57	BU	JLM	Е.	CHO		ARD- WICK	PI	EN DI	LETON	& KY.		
		1,8	329				477.		64	6	508.			2650		Area in Statute Acres.	71
		70,9	967.			6	8,209		. 44,8	350.	21739		2	24,448		Population in 1861.	
	R LA			UBLI			STRIC		ict.		rict.	cate	-	91	eek	Ed I again and to some	
D		-	INDI	,			HAIC	10	District.		Poor Law District.	Ance.	Union	12	-	To assessed to the same	EATHS.
100	Roa	Road 2.	use.	Dispensary.	Gaol	George's.	J	ip's	WI	Dispensary.	W I			01	Yes	DISEASES.	F
0	ant]	No.	Workhouse.	ens	Salford inty Gao	reer	Medlock.	Pbi	Poor Law	ens	r La	Ardwick & Dispens	Choriton	Total.	potto	DAUDINOID.	EA
200	Regent Road.	Regent No.	Wor	Dist	Salford County Gaol	St.	Med	St. Philip's	Poo	Dist	Poo	Ard	Che	1 010	Cerresponding V	onthing Return of	0
6	17	18	19	20	21	22	23	24	25	26	27	28	29		3	ar a feet hindle of fill to be fill of eV at the H. Ne the life (pasts	H E
			3		1									10		Small-pox	
1				9					2	11			1	27	26	Measles	1
				3		2		1		4			1	15	33	Scarlet Fever	1
										.,						Diphtheria	
								1						3	13	Whooping-cough	
															1	Croup	
				5	9		1						2	37	59	Diarrhœa	2
														1	3	Dysentery	
																Malignant Cholera	
							1					2	1	6	4	Erysipelas	
				2										2	19	Continued Fever	
				1									4	8	39	Typhus	3
		-6.0	1	1		a3				1				6	7	Enteric or Typhoid	
						1	1	2	1	4		1	1	33	40	Febricula	
-	1			4	·		1	-			1				- 30	ALTERNATION OF THE PARTY OF	
•											"				2	Ague	
-	4											2		14	7	Rheumatic Feyer	
																Puerperal Fever	
4	17	3		29	4	1	4	3	3	8	1	6	23	164	185	Bronchitis & Catarrh	5
															9	Influenza	
				3								1	2	23	19	Pleurisy & Pneumonia.	1
L				10					1	2	1	6	4	62	78	Phthisis	18
		2		5		1	1			2			4	33	71	Constitutional Syphilis	1000
)	14	17	3	97	1	8	4	7	15	15	4	21	45	667	780	All other diseases	31
	1			57				2		17		26	3	242	220	Accidents	67
3	37	22	6	226	15	16	12	16	22	64	6	65	91	1353	1615	TOTAL	0/

s indebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) " J. O. BRADBURY, (20) Dr. BRADDON,

⁽²¹⁾ Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

the report of the Association, and has as far as practicable, been taken into account in the conclusion awn from the weekly returns.

Weekly Return of Birthe and Denthe in Manchester and Salfard.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes.	i 2 1 12 11	2 1 2 1 8 10	1 1		1	 2 1 2 3 9	2 1 4 14	 1 1 3	1 2 2 2 1 5 12	··· i ·· i ·· i 1 ·· i 1 ·· i 1 8	1	4 8 2 8 5 4 61 103	5 4 22 8 77 119
TOTAL NO. OF DEATHS.	27	24	24	10	8	17	21	8	23	26	10	198	255
TOTAL NO. OF BIRTHS.	50	32	19	16	19	32	39	30	27	63	22	349	358

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, LONDON.
Medical Officer of Health, John Whitmore, M.D.
Population in 1851, 161630.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.

Population in 1861, 390.815.

4 Weeks ending 27th Feb.		5 Weeks ending 1st May.	TOTAL.	DISEASES.	4 Weeks ending 27th Feb.	4 Weeks ending 27th March.	5 Weeks ending 1st May.	TOTAL
2	2	5	9	Small-pox	48	43	80	171
19	15	25	59		52	66	133	251
56	29	46	131	Scarlet Fever	93	68	85	245
2	5	1	8	Diphtheria		1	1	2
71	59	123	253	Whooping-cough	8	8	11	27
. 3	8	4	15		3	7		10
242	238	341	821	Diarrhœa	140	119	183	442
	1		1		8	5	5	18
				Malignant Cholera				10000
15	21	32	68	Erysipelas	22	14	25	61
8	9 -	14	31		88	59	59	206
					90	73	97	260
1	15	5	21	Enteric or Typhoid	29	33	36	98
104	87	93	289	Febricula	242	150	193	585
55	56	7.5	186	Rheumatic Fever	117	69	71	257
	1	1	2	Puerperal Fever		3		3
1048	871	1199	3121	Bronchitis and Catarrh	1105	927	1027	3059
- 3	5	10	18	Influenza	23	14	9	46
45	48	43	133	Pleurisy and Pneumonia	81	77	102	260
94	112	139	345		292	253	399	974
19	28	17	64	Constitutional Syphilis	133	113	152	401
3812	3133	4746	11721	Accidents, and all other Diseases	3997	3591	4988	12516
5629	47+6	6924	17299	TOTAL	6341	5726	7656	19923

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2.726 15 Eccles 2.292 15 Old Traiford 2.096 14 Salford 2.176 14 Wilmslow Royton	Royal Infirmary, Dr. Reed.	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernox, Esq	Eccles, T.MACKERETHESQ	Wilmslow, J. Thompson, Esq.	Royton, J. Heap, Esq.	Penketh, Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level Barometer. Mean @32°F., and reduced to sea leve, Highest	NO RETURN.	108 ft. 188, 29:955 30:243 29:379 0:864 48:2 23:5 15:5 60:9 3:4 38:1 ORS. 0:684	123 ft. 1Ns. 29-961 30 238 29-364 6-874 49-5 29-0 19-3 62-0 33-0 42-5 GRS. 0-802	145 ft. 1NS. 29:256 30:243 20:379 0:864 47:6 29:7 18:6 6:8 32:1 38:5 GRS. 0:718	NO RETURN	NO RETURN.	NO RETURN.
Prevailing Winds Rain Ozonometer Moffat Schonbein		N,NE 0·310 0·28	NE,SW 0·340 0·43 0·14	N,NE 0'413 3'42	nafesian Na	PARTIES OF	ed for t

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

OL. IX.1

WEEK ENDING SATURDAY, MAY, 22, 1869, No. 460

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, May the 22nd, 1233 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1353, and in the corresponding week of last year it was 1482. The deaths in public practice during the week amounted to 69, being in the proportion of 1 death to every 17 cases.

The return continues to be satisfactory.

There is a decrease of 6 in the number of Small-Pox cases. This disease has been declining these last three weeks, the numbers for these weeks being 25, 10, and 4. Three of the cases occurred in Manchester and 1 in Salford.

There is this week a considerable diminution in the cases of Measles, the number having fallen from 27 to 17. Last week this disease prevailed principally in Chorlton and Salford, this week it was mostly observed in Salford.

Scarlatina continues to decrease in prevalency, the numbers for the last three weeks being 20, 15, and 7. Three of these 7 cases occurred in Manchester, 3 in Salford, and 1 in Chorlton. In the corresponding week of last year the number was 33.

The cases of Diarrhœa and Disentery have fallen from 38 to 26. Twelve of these occurred in children.

The only return which shows an increase upon that of the preceding week is that of Fever, 30 cases being reported instead of 16; 11 were assigned to Continued Fever, 13 to Typhus, and 6 to Typhoid Fever.

The number of cases of Bronchitis and other acute chest diseases has fallen from 187 to 163.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 202 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventy-two deaths were caused by diseases of the lungs, 11 by Scarlatina, 7 by Measles, and 5 by Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 50.0°; at the Salford Observatory it was 49.1°; at Eccles 48.3°; and at Old Trafford, 49.6°.

JOHN ROBERTS, M.D., Hon. Sec.

MMITTEE ROOMS,

MANCHESTER AND SAL

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

			T V A		4033	TUE	MAN	RCH	ESTI	ER.					
Area in Statute Acres Population in 1861							Manch		Tow,			,645 ,050			
		Po	or L	w D	ISTRI	ers.	-			Pui	BLIC	Insti	TUTIO	NS.	
		80	00			i.s			R	OYAL	Infi	RMAR	y,	Сип	DREN
DISEASES.	Peter's	Andrew's	George's	Cathedral	Jude's	Michael's	Total of Districts.	Workhouse.	In- patients.	Out- patients.	District I.	District II.	District TH.	St. Mary's Hospital.	Clinical Hospital.
Y. 22, 1860. No. 480	1 St	St.	St.	4 Ca	9 St.	9 St.	To Dis	7	8	9	10	11	12	13	14
Small-pox			1		1.0		1	2							
Measles														1	1
Scarlet Fever							1000							2	1
Diphtheria															
Whooping-cough														1	1
Croup															
Diarrhœa		1					1							8	4
Dysentery															
Malignant Cholera															
Erysipelas						1	1		1					1	
Continued Fever					2	1	3	1			1				
Typhus								2	1				1		
Enteric or Typhoid															
Febricula				1		4	5							4	
Ague														1.	
Rheumatic Fever									4	3	1				
Puerperal Fever															
Bronchitis and Catarrh	1	5	1		1	1	9	7	3	37				3	11
Influenza															
Pleurisy and Pneumonia						1	1	3							1
Phthisis			••		2		2	6		26	. 2	1	2	2	
Constitutional Syphilis All other Diseases	12	7	11	5	1	11	47	66	23	127	3	6	1	36	57
Accidents	1					4	5	10	Desc.	130			3		1
TOTAL	14	13	13	6	6	23	75	98	50	327	7	7	8	58	77
soft making that he written	regr	na!	min	100	unio	137/11	200	. 1	din:	seu E) In	tall	003	San.	

1) Mr. R. M. MANN.
2) ,, J. BROADBENT,
3) ,, EDWARD MEACHAM,
4) ,, JOHN WALSH.
(5) Mr. OCTAVIUS DEAN,
(6) Dr. LEDWARD,
(7) Mr. J. WESTMORELAND,
(8) ,, J. P. SLEIGHTHOLME,
(10) Mr. W. H. CARRUTHERS,
(11) , J. PORTER,
(11) ,, C. CURRIE RIFCHIE,
(12) Mr. H. RUNC
(14) ,, W. M. MA
(15) ,, J. OGDEN
(16) Dr. A. C. CLA

Medical Officers to whom the Associat

SANITARY ASSOCIATION.

TIONS OF MANCHESTER AND ADJOINING DISTRICTS

Weck ending the 22nd day of May, 1869.

	191		-	THE PERSON	-	-	-	-	-	TO ANNUAL PROPERTY.	-	THE REAL PROPERTY.	-	44 17	-	PERL	-
	5	SALF	FOR	D.		H	ULMI	Е.	CHO	RL-	ARD- WICK	PE	NDL	EBUR	& Y.		
		1,3	129						64		508.			2650		Area in Statute Acres.	
		70,9	967.			6	8,209		. 44,8	850.	21739		2	24,448		Population in 1861.	9
	R LA			UBLI			OR LA		iet		rict	cats	п		eek	11 11 11 11 11 11 11 11	
D									District		Poor Law District.	Ardwick & Anecats Dispensary.	Choriton Union Workhouse.		1.50	article rest and	ATHS.
100	Roa	Road 2.	use.	ary.	Gao	ge's	3	ip's	I W	ary.	aw.	s de	thou		Yes	DISEASES.	-
no.	Regent Road.	No.	Workhouse.	Dispensary.	Salford County Gaol	George's.	Medlock.	St. Philip's	Poor Law	Dispensary.	J. I	wich	Vorl	Total.	pon		DEA
12:00	Reg	Keg	Wor	Dis	Con	St. (Med	S;	Poo	Dis	12000		Chr		Cerresponding V		0
6	17	18	19	20	The Control of	22	23	24	25	26	27	28	29		ž		
			1											4	3	Small-pox	
1	1			6					2	1			4	17	22	Measles	1
				3						1				7	33	Scarlet Fever	2
																Diphtheria	
									1	1				4	6	Whooping-cough	
																Croup	
				3	4		1						1	26	63	Diarrhœa	
															3	Dysentery	
																Malignant Cholera	
								1		1				ò	4	Erysipelas	1
			3	2		1								11	17	Continued Fever	1
				1					1	4			3	13	23	Typhus	2
	2			2					1	1				6	4	Enteric or Typhoid	2
	1			2				1		2			3	20	39	Febricula	
																Ague	
													1	12	9	Rheumatic Fever	
															1	Puerperal Fever	
3	8	3		24	2	2	1		5	6	2	4	15	150	162	Bronchitis & Catarrh	8
															2	Influenza	
				3	1	1				1			2	13	15	Pleurisy & Pneumonia.	10000
1		1		6	1		1			2	1	1		51	66	Phthisis	12
				3					1		1		1	20	44	Constitutional Syphilis	1
4	9	11	5	56	3	6	4	1	11	18	4	10	48	568	701	All other diseases	34
1	2			85			1		2	22	1.	27	3	306	265	Accidents	2
0	23	15	9	193	11	10	8	3	24	60	6	42	81	1233	1482	TOTAL	69

s indebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) ", JAMES CRAN. (19) ", J. O. BRADBURY, (20) Dr. BRADDON,

⁽²¹⁾ Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return af Births and Denths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F. Johnc.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hullsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	3 ii 10	1 1 1 2 1 1 15 17	1 1 2 9 15		1 1	1 1 	··· ··· ··· ··· ··· ··· ··· ··· ··· ··	i	1 2 4 9	 4 14 14	::	3 7 1 11 3 5 72 100	1 3 6 26 5 11 67 113
TOTAL NO. OF DEATHS.	24	38	28	8	7	26	15	5	16	32	3	203	255
TOTAL No. OF BIRTHS.	19	26	8	8	8	21	18	13	27	51	17	216	358

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Murylabone, London. | Medical Officer of Halth, John Whitmore, M.D. Population in 1861, 161630.

At Pauper, Charitable, and Public Institutions in Manchester and Salroud. Population in 1861, 390,815.

	1 Weeks ending 27th March.	5 Weeks ending 1st May.	TOTAL.	DISEASES.			5 Weeks ending 1st May.	TOTAL
2	2	5	9	Small-pox	48	43	80	171
19	15	25	59		52	66	133	251
56	2)	46	131	Scarlet Fever	93	68	85	243
71	5	1	8	Diphtheria		1	1	0
71	59	123	253	Whooping-cough	8	8	11	27
3	8	4	1.5		3	7		10
242	238	341	821	Diarrhœa	140	119	183	412
	1		1		8	5	5	18
				Malignant Cholera				100
15	21	32	68	Erysipelas	22	14	25	61
8	9	14	31		88	59	59	206
				Typhus	90	73	97	260
1	15	5	21	Enteric or Typhoid	29	33	36	98
101	87	93	289	····· Febricula ····	242	150	193	585
	21					1 1		
55	56	75	186	Rheumatic Fever	117	69	71	257
	1	1	2	Puerperal Fever		3		3
1048	871	1199	3121	Bronchitis and Catarrh	1105	927	1027	3059
3	5	10	18	Influenza	23	14	9	46
45	48	43	135	Pleurisy and Pneumonia	81	77	102	260
91	112	139	345	Phthisis	292	283	390	974
19	28	17	64	Constitutional Syphilis	133	116	152	401
3812	3133	4746	11721	Accidents, and all other Diseases	3957	3591	4938	12516
5629	4746	6924	17299	TOTAL	6541	5726	76\6	19923

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2-726 15 Eccles 2-292 15 Old Trafford 2-096 14 Salford 2176 14 Wilmslow Royton	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Decles,	Wilmslow, J. Thompson, Esq.	Royton, J. HEAP, ESQ.	Fenketh, Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level. Barometer. Mean @ 32°F., and reduced to sea level. Highest. Unreduced \ Range Temperature.	108 ft. 288, 29:685 29:989 29:319 0:670	123 ft. 1Ns. 29·691 80·000 29·327 6·673	145 ft. 1N8. 29:685 20:989 20:319 0:670	251 ft. 1NS. 29:691 21:898 29:210 0:688	544 ft. INS.	43 ft. INS. 29 681 30 000 29 402 0 688
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation-1,000)	49·1 17·9 12·3 60·0 42·1 41·2 ons. 0·:49	49.6 22.7 13.7 63.7 41.0 42.0 GRS. 0.749	48:3 21:8 13:7 61:4 39:6 41:1 GRS. 0:766	47.2 19.5 71.5 57.9 38.4 41.3 GRS. 0.809	NO RETURN.	51.0 28.0 16.0 63.5 35.5 43.2 GRS. 0.752
Prevailing Winds	NE 0.656	NE,8 0-779	NE 0:718	F,SW 1.085		1.490
MoffatSchonbein		::::	3.28	6.14	anima s	3-30

COMMUNICATED TO THE

Manchester und Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

ENDING SATURDAY, MAY, 29, 1869. No. 461 WEEK

DISEASES .- The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, May the 29th, 1892 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1233, and in the corresponding week of last year it was 1413. The deaths in public practice during the week amounted to 62, being in the proportion of 1 death to every 22 cases.

The present return is unsatisfactory.

The number of Small Pox cases has risen from 4 to 8. Four of the cases were observed in Manchester and 4 in Salford.

There is a slight increase in the cases of Measles, 20 being returned instead of 17. Five occurred in Manchester, 9 in Salford, 5 in Chorlton, and 1 in Ardwick.

There is a rise in the cases of Scarlatina, 12 being reported instead of 7. Four of these were observed in Manchester, 6 in Salford, 1 in Chorlton, and 1 in Ardwick. In the corresponding week of last year the number was 35.

Whooping-Cough is becoming prevalent; for many months the cases have averaged

about 2 weekly. The numbers for the last three weeks were 3, 4, and 10.

The cases of Diarrhœa and Disentery have risen from 26 to 35. In the correspending week of last year the number was also 35.

The cases of Fever have risen from 30 to 45. Sixteen were assigned to Continued Fever, 18 to Typhus, and 11 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have risen from 163 to 190.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 203 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Fifty-seven deaths were caused by diseases of the lungs, 12 by Scarlatina, 8 by Measles, 7 by Fever, and 4 each by Diarrhea and Whooping-Cough.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 51.7°; at the Salford Observatory it was 48.0°; at Eccles 47.8°; and at

Old Trafford, 49.3°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment D

			7 85	TOTAL	22.01	R UNI	MA	NCI	IEST	ER.						
Area in Statute Acres Population in 1861								chest	er To	wnshi	2	1,645 5,050	111			
		P	oor L	AW I	Эізти	icts.		I		Pu	BLIC	Insti	TUTIO	ons.		
	-	W'8	00	1		8.18	1	e.	I	ROYAL	INF	RMAR	v	Сип	DREN	
DISEASES.	Peter's	Andrew's	George's	Cathedral	Jude's	Michael's	Total of Districts,	Workhouse.	In- patients.	Out-	District J.	District 11.	District III.	St. Mary's Hospital.	Clinical Hospital.	Gaol.
130 200 18800 No. 461	i St	St.	St.	P Cat	St.	st.	Total	0 M 7	7.00		1000	1000		1	10000	City
	1	-	0	4	0		-	1	8	9	10	11	12	13	14	15
Small-pox					1	1	1	1	1			1				
Measles														3	2	
Scarlet Fever		1			7.		1	1	1.					1	1	
Diphtheria						1	1									
Whooping-cough			1			2	3							4		
Croup																
Diarrhœa						1	1			3				15	2	2
Dysentery														P		
Malignant Cholera							1									
Erysipelas	1					1	2	1						1		
Continued Fever	5		2	a!		1	9	1	01.0	.,			1000			
Typhus			0.		a!	2	3	7	1				aı		1	
Enteric or Typhoid							HIT B	1	1			1	00	A ST	2	
Febricula	1			1		4	6		656	10.10	1			5	1	2
Antiques of the law of the law of			1000				No. La F							-	1	2
Ague					oif										ar l	
Puerperal Fever	**	100	1:0						1	3	2	2	1			
Bronchitis and Catarrh					•••			**					**	200	4.	
	4	1	2	1	2	3	13	12	2	32	4	1	3	6	7	3
Pleurisy and Pneumonia						1									.:	
Phthisis	1				1		1 2	4	2	5 19	3	1	2 4	1 2	1 2	1
Constitutional Syphilis								12		6			1		1	3
	11	4	15	6	2	15	53	77	18	96	3 -	6	3	76	72	4
Accidents	1	1				2	4	7		20			2			
TOTAL	24	7	20 kemov	9 ed to	6 Work	33 house	99 1	124	38 2	284	13	12	18 1	14	91	15
The charge of the seconds in	113		- CHIO		OIA	MV480	10	Soll	Maria.	42.4		Pala				

Medical Officers to whom the Association

1) Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH.

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),, J. P. SLEIGHTHOLME,

(9) Mr. W. H. CARRUTHERS, (10) , J. PORTER, (11) , C. CURRIE RITCHIE,

(13) Mr. H. RUNCORN. (14) ", W. M. MACCAI (15) ", J. OGDEN FLET (16) Dr. A. C. CLARKE,

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 29th day of May, 1869.

SALFOR 1,329	D.	HULN		CIL	TYPE	1	1	000000	A 12 TO 12 TO 1			And district
1,329		HUL	IE.	TO)RL-	ARD	P	END	LETO.	N &		
		477		64	6	508	-		2650.			
70,967.			9			21739			24,448		The state of the s	
	Public	Poor I	AW			4	1	1	1		Population in 1861.	
271	TITUTIONS.	DISTRI	ств	stric		stric	Anceats	do .		Week		
Road. 2.	d d	8.0	.00	Ä	у.	Di	wick & Anc Dispensary.	Union		B. I	E PRINCE AND	ATHS.
ot B	pensary Salford nty Ga	George's.	Philip's	Law	nsar	Law	ck &	rkho		t Ye	DISEASES.	1
Regent Road Rogent Road No. 2. Workhouse.	Dispensary. Salford County Gaol	St. George Medlock.	E.	Poor Law District.	Dispensary.	Poor Law District.	Ardwick Dispe	Choriton Unic	[Total	spoi		DE/
		127	St.					3		Cerresponding N	A STREET, STREET,	0
17 18 19	20 21	22 23	24	25	26	27	28	29		3		The state of
3									8	1	Small-pox	1
1	8			2	3		1		20	18	Measles	1
. 1	5				1	1			12	35	Scarlet Fever	2
											Diphtheria	
	2				1				10	7	Whooping-cough	
											Croup	
	4 6	2							35	34	Diarrhœa	1
										1	Dysentery	
											Malignant Cholera	
	1		1		1		1		8	1	Erysipelas	2
1	5								16	14	Continued Fever	1
	2							3	18	31	Typhus	2
	1			3	3				11	2	Enteric or Typhoid	
	4	1 3	3		1			3	32	37	Febricula	
											Ague	
. 1		1				1			12	32	Rheumatic Fever	
										2	Puerperal Fever	
6 1	34 4	2	1	6	6	1	5	16	172	177	Bronchitis & Catarrh	10
	0				::			*		2	Influenza	
	10	1			- 1			1	18	15	Pleurisy & Pneumonia.	
	4 0						3	3	58	62	The state of the s	12
12 17	89 2	3 4	7	20 :	200		1	4	37		Constitutional Syphilis	
	63		1		23		15	52		658	A STATE OF THE PARTY OF THE PAR	29
			-		- -	-1-	-1-	1			Accidents	1
20 21 4 2	34 15	10 9	13	34 3	56	11	15	83	1392	1:13	TOTAL	62

debted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) " J. O. BRADBURY, (20) Dr. BRADDON,

⁽²¹⁾ Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M. WILLIAMSON. (24) ,, JOSEPH FOSTER,

⁽²⁵⁾ Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, R. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	i 2 3 6 9	 3 1 5 14	1 2 2 12 25		2 1 4 8	··· · · · · · · · · · · · · · · · · ·	:: :: :1 :6 11	··· 2 ··· 2 ·· · · · · · · · · · · · · ·	1 1 1 1 7 7	 2 1 5	·· 1 ·· 1 1 3	1 8 4 12 4 7 57 110	1 13 5 22 3 10 59 106
TOTAL NO. OF DEATHS.	21	23	46	8	15	16	19	14	18	17	6	203	219
TOTAL No. OF BIRTHS.	43	53	25	14	29	42	22	35	40	69	24	390 1	334

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Murylebone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161639.

At Pauper, Charitable, and Public Institutions in Manchester and Salford. Population in 1861, 390,815.

Weeks ending 27th Feb.	Weeks ending 27th March.	5 Weeks ending 1st May.	TOTAL.	DISEASES.		4 Wee ks ending 27th March.		TOTAL
		- 5	9	Small-pox	48	43	80	171
2	2	25	59	. Measles	52	66	133	251
19 56	15 29	46	131	Scarlet Fever	93	68	85	246
90	5	1	8	Diphtheria	* *	1	11	27 10
71	59	123	253	Whooping-cough	0	8		10
71 3	8	4	15		140	119	183	412
242	238	341	821	Diarrhœa	0	5	5	18
	1		1	Dysentery		0		7.5
				Malignant Cholera	22	14	25	6i
15 8	21	32	68	Erysipelas	40.00	59	59	206
8	9	14	31	Typhus	50	73	97	260
	::	.:	21	Enteric or Typhoid	29	33	36	98
1	15 87	93	289	Febricula	242	150	193	585
104	81	83	250	Ague		::	2:	0.00
55	56	7.5	186	Rheumatic Fever	117	69	71	257
	1	1	2	Puerperal Feyer	2205	927	1027	3059
1048	874	1199	3121	Bronchitis and Catarrh	1105	14	1027	46
3	5	10	18	Influenza		77	102	260
45	48	43	136	Pleurisy and Pneumonia	292	283	399	974
91	112	139	345	Phthisis	133	116	152	401
19	28	17	64	Constitutional Syphilis	3957	3591	4988	12546
3812	3133	4746	11721	Accidents, and all other Diseases				
5629	4716	6924	17299	TOTAL	6341	5726	7656	19923

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. 15 Rectes 2-726 15 Rectes 2-292 16 Rectes 2-296 14 Rectes 2-176 14 Rectes Rectes 2-176 14 Rectes R	Meteorologi. Cobservatory, T. Mackereth, Esq.	Trafford, G.V.VERNON, ESQ	Eccles, T.MackerethEsq	Wilmslow, J. Thompson, Esq.	Royton, J. HEAP, ESQ.	Warrington L.W.Reynolds Eeg
Heightof barometer cistern above sea level. Barometer. Mean @ 32 ° F., and reduced to sea level. Highest. Unreduced \ Lowest Range Temperature. Adopted Mean Range for Week Daily Range. Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000)	108 ft. 188, 29:949 30:125 29:555 0:560 48:0 18:3 10:3 59:3 41:0 39:3 ORS. 0:24	123 ft. INS. 29-957 80-150 29-588 6-542 49-3 22-3 11-6 64-0 41-7 40-6 ons. 0-721	145 ft. 1NS. 29:949 30:125 20:565 0:560 47:8 23:0 13:4 61:7 3:7 39:1 6RS. 0:732	NO RETURN.	NO RETURN.	43 ft. 188. 29-917 30-230 29-652 0-578 49-8 27-8 16-3 62-0 34-2 42-8 ORS. 0-770
Prevailing Winds	NE 0-146 0-42	NE 0·122 0·86	E,SE 0-171 7-71	NT INS	nna si	E,NE 0.778

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.1

WEEK ENDING SATURDAY, JUNE, 5, 1869. No. 462

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, June the 5th, 1523 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1392, and in the corresponding week of last year it was 1268. The deaths in public practice during the week amounted to 60, being in the proportion of 1 death to every 25 cases.

There is this week no improvement in the Small-Pox return; 9 cases were returned, being 1 more than in the preceding week. These cases were confined to the Manchester and Salford Townships, 5 were observed in the former and 4 in the latter.

There is a considerable decline in the cases of Measles, 9 being returned instead of 20. Three occurred in Manchester, 4 in Salford, and 2 in Chorlton.

Scarlatina is again on the increase, the numbers for the three last weeks being 7, 12, and 19 respectively. Seven of these 19 cases occurred in Manchester, 7 in Salford, 1 in Hulme, and 4 in Chorlton. Three of these cases only were treated in hospitals.

This week the cases of Whooping-Cough have decreased slightly, 8 being returned instead of 10. Five of these were observed in Manchester, 1 in Hulme, and 2 in Chorlton.

There is but a slight increase in the cases of Diarrhœa and Disentery; 41 were returned, being 6 more than in the preceding week. The number is higher than in the corresponding week of last year, when it was 33.

There is a dscrease in the Fever return of 11 cases, 34 were observed during the week. Fifteen were assigned to Continued Fever, 14 to Typhus, and 5 to Typhoid Fever. In the corresponding week of last year the number of Fever cases was 42.

One hundred and ninety-three cases of Bronchitis and other acute chest diseases were observed during the week, being 3 more than the number reported in the preceding return.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 202 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. In the two preceding weeks the numbers were 202 and 203. The deaths from zymotic diseases were numerous this week.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 53.3°; at the Salford Observatory it was 52.5°; at Eccles 52.7°; and at Old Trafford, it was 53.9°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALE

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment 1

		1				AY.	MA	NCH	EST:	ER.				1	15	1
Area in Statute Acres Population in 1861							Mane,	heste		wnshi		,645 5,050				
		Po	or L	aw D	ISTRI	CTS.				Pu	BLIC	Insti	TUTIO	ons.		
	V.T	200	00		I	l's			F	COYAL	Infi	RMAB	x.	Снп	DREN	
DISEASES.	E St. Peter's	No St. Andrew'	& St. George's	A Cathedral	C St. Jude's	9 St. Michael's	Total of Districts.	4 Workhouse.	o In-	6 Out-	O District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.	
Small-pox	2					1	3	1				1				-
Measles										.,					3	
Scarlet Fever	1	1					2	1	2					2		
Diphtheria																
Whooping-cough				00										1	4	
Croup																1
Diarrhœa								1		2	1			14	3	-
Dysentery																-
Malignant Cholera	100	.001	an I	1				1	100		Part I	la si				1
Erysipelas			1					1		1	**		100		1	-
Continued Fever							7	1				-	1			-
	2		3		a2											
Typhus	••				***			7	1				1			١
Enteric or Typhoid						**							1			ı
Febricula	2			2		4	8						2	18	1	
Ague																١
Rheumatic Fever					2		2		2	10	2		5			ı
Puerperal Fever																
Bronchitis and Catarrh	3	7	2			4	16	7	2	31	4		2	1	8	
Influenza																
Pleurisy and Pneumonia								4	1	2						
Phthisis Constitutional Syphilis					1		1	5	1	23	1	••	4	2	1	1
All other Diseases	15	6	7	8	4	1 12	52	10	25	158	4	3	6	66	99	
Accidents	2		1			2	5	5		122			3			
TOTAL	27	14	13	10	9	24	97	109	44	354	12	4	24	104	119	-
a Remov	ved to	Worl	rhouse		114	b	Remov	red to	Royal	Infirm	nary.					
" J. BROADBENT, (6) I " EDWARD MEACHAM. (7) M	r. L.	WES'	ARD,	DEA:	VD.	(9) (10) (11) (12)	Mr. W	PORT	CARR	ficer: UTHE	RS,	(1)	3) Mr 4) ,, 5) ,,	. H. 1 W. 1 J. OG	RUNC M. MA DEN	COAL E

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 5th day of June, 1869.

а.	Name and Address of the Owner, where	STATE STATE	ALC: UNKNOWN	NAME OF TAXABLE PARTY.	THE PERSON	OR PERSONS	The State of Land	Section Assessment	SERVICE STREET	A. STATISTICAL PROPERTY.	A COLUMN TO LAR.	THE REAL PROPERTY.	discussion.	COLUMN TO SERVICE SERV	ASSESSMENT OF THE PARTY NAMED IN	The second secon	ALC: UNKNOWN
Ì	1	SAL	FOR	D.	i'	н	JLM	Е.	CHO	RL- N.	ARD- WICK	PH		EBUR		P. Brancon McGar	
Į.		1,5	329											2650		Area in Statute Acres.	
ŀ		-	967.			1000		1	. 44,	850	21739			24,448		Population in 1861.	
	R LA			PUBLI			or La		District.		District.	& Ancoats	uo.	-	/eek	ti establishment de	
ı	oad.	Road	86.	4	d aol.	,e's.		8,0			v Dis	Ardwick & Anco Dispensary.	vorkhouse.		ding W Year.	at I mention out and	ATHS.
ı	Regent Road.	o. 2	Workhouse.	Dispensary.	Salford County Gaol.	George's.	Medlock.	Philip's	Poor Law	Dispensary.	Poor Law	rick	Chorlton	Total.	ast Y	DISEASES.	EA
ı	Rege	Regent No.	Worl	Disp	Soun	St. G	Med	St. I	Poor	Disp	Poor	Ardw	Chon	TO GCCT.	Correspond last	to an examinating of contents	0
ŀ	17	18	19	20	21	22	23	24	25	26	27	28	29		ဝိ		
ľ			3											9		Small-pox	
ı				4						1			1	9	11	Measles	1
				7				1		4				19	27	Scarlet Fever	1
										.,						Diphtheria	
ı					.,		1			2				8	5	Whooping-cough	
ı				1										1		Croup	
ı		1		6	4							1	3	40	33	Diarrhœa	
ı									1					1		Dysentery	
ı																Malignant Cholera	
ı	1				1	1								4	6	Erysipelas	
ı			3	4										15	20	Continued Fever	1
ı		1		1						<i>b</i> 1			1	14	20	Typhus	2
ı				3					1					5	2	Enteric or Typhoid	1
ı				6	1			2	2					43	21	Febricula	
ı																Ague	
I		1					2					1	1	. 26	11	Rheumatic Fever	
ı																Puerperal Fever	
	9	4		32	3	3	2	3	3	5	2	4	20	174	133	Bronchitis & Catarrh	7
														1	2	Influenza	
	1		••	2	1	1			1	4	••	2	3	18	23	Pleurisy & Pneumonia. Phthisis	9
	2	1		7	1 2		1	5		4		1	2	37	33	Constitutional Syphilis	
	14	13	4	80	3	8	3	9	12	27	9	18	55	751	543	All other diseases	35
	1			74		2		1		19		37	5	285	334	Accidents	1
	28	21	10	238	16	15	9	18	20	63	11	64	95	1523	1268	TOTAL	60
													1111				

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) ,, J. O. BRADBURY, (20)Dr. BRADDON, (21) Mr. S. WOODCOCK, (22) Dr. ALEX. WILSON, (23) Mr. H. M.WILLIAMSON. (24) ,, JOSEPH FOSTER,

(25) Mr. W. C. BARNISH, (26) ,, J.V.L.WESTMACOTT, (27) ,, B. P. O. GORMAN, (28) ,, GEORGE CLEMENTS.

the report of the Association, and has as far as practicable, been taken into account in the conclusion wn from the weekly returns.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	1 1 2 9 6	1 1 :i 3 3 11	1 1 1 4 7 9	·· · · · · · · · · · · · · · · · · · ·	1 1 6 8	2 2 2 2 2 2 8 13	4 2 4 14	3 2 2 1 3	··· 1 ··· ·· 6 9	1 2 1 1 10 16	i i i	3 16 2 8 6 15 57 95	9 2 25 3 14 69 91
TOTAL NO. OF DEATHS.	19	20	23	4	16	29	24	11	16	31	9	202	213
TOTAL No. OF BIRTHS.	42	49	16	20	12	29	30	21	34	69	21	343	274

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680. At Pauper, Charitable, and Public Institutions in Manchester and Salrond.
Population in 1861, 390,815.

		5 Weeks ending 1st May.	TOTAL.	DISEASES.	4 Weeks ending 27th Feb.		5 Weeks ending 1st May.	TOTAL
2	2	5	9	Small-pox	48	43	80	171
19	15	25	59	Measles	52	66	133	251
56	29	46	131	Scarlet Fever	93	68	85	246
2	5	1	8	Diphtheria		1	1	2
71 3	59	123	253	Whooping-cough	8 3	8	11	27
3	8	4	15	Croup	3	7		10
242	238	341	821	Diarrhœa	140	119	183	442
	1		1	Dysentery	8	5	5	18
**			68	Malignant Cholera	**	14	25	61
15	21	32		Erysipelas	22 88	59	59	206
8	9	14	31	Continued Fever	90	73	97	260
· i	15	.:	0.2	Typhus	29	33	36	98
	87	5 98	21 289	Enteric or Typhoid	242	150	193	585
104		1	202	Ague	210		100	
55	56	75	186	Rheumatic Fever	117	69	71	257
	1	1	2	Puerperal Fever		3		3
1048	874	1199	3121	Bronchitis and Catarrh	1105	927	1027	3059
3	5	10	.18	Influenza	23	14	9	46
45	48	43	36	Pleurisy and Pneumonia	81	77	102	260
94	112	139	45	Phthisis	292	283	399	974
19	28	17	64	Constitutional Syphilis	133	116	152	401
3842	3133	4746	11721	Accidents, and all other Diseases	3957	3591	4988	12546
5629	4746	6924	17299	TOTAL	6541	5726	7656	19923

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2.726 15 Eccles 2.292 15 Old Trafford 2.096 14 Salford 2.176 14 Wilmslow Royton	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.Mackeretheso	Wilmslow, J. THOMPSON, ESQ.	Royton, J. Hear, Esq.	Penketh, Warrington L.W.ReynoldsEsq
Heightof barometer cisternabove scalevel	108 ft. 288, 30:085 30:155 29:777 0:378	123 ft, 1NS, 30-084 30-168 29-772 6-396	145 ft. 1Ns. 30-085 30-155 29-777 0-378	251 ft. 1NS. 30-116 30-070 29-678 0-392	544 ft. INS.	43 ft. INS. 30·077 30·256 29·860 0·396
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation-1,000)	12.7	53.9 32.8 17.8 68.8 36.0 46.4 GRS. 0.701	52-7 53-3 16-9 68-3 35-0 46-3 GRS, 0-795	51:8 27:5 13:8 65:5 38:0 46:4 GRS, 0:821	NO RETURN.	56°2 35°1 18°3 70°3 35°2 48°0 0RS. 0°740
Prevailing Winds	SW 0·174	s,sw 0·180	W,SW 0.222	8W 0.236	810	NW,W 0.203
Moffat Schonbein	::::	0.43	2.28	3:71		5.80

June, 5, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, JUNE 12, 1869.

No. 463

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, June the 12th 1537 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1523, and in the corresponding week of last year it was 1447. The deaths in public practice during the week amounted to 52, being in the proportion of 1 death to every 29 cases.

The return of Small-Pox cases is the same this week as it was in the one preceding, 9 being reported.

In the last return it was reported that the cases of Measles had fallen from 20 to 9 this week they have risen to 31; this increase, together with the large number of deaths from this disease during the last fortnight, probably indicate an approaching epidemic of Measles.

It is satisfactory to find that Scarlatina is decreasing in prevalency. Both the disease and death returns indicate the decline of this disease. Last week 19 cases were reported, this week they have fallen to 9. Two of these occurred in Manchester, 5 in Salford, and 2 in Chorlton.

The cases of Whooping-Cough have risen from 8 to 10. For the week before last the number was also 10. In the corresponding week of last year it was 5.

The cases of Diarrhoca and Disentery have fallen from 41 to 33. In the corresponding week of last year the number was 64.

The Fever return is very satisfactory, 19 cases only having occurred in the public practice of the week. Four were assigned to Continued Fever, 13 to Typhus, and 2 to Typhoid Fever. Six cases were treated in the Workhouses and the remainder at their homes.

The cases of Bronchitis and other acute chest diseases have risen from 193 to 209.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 231 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventeen deaths were caused by Measles, 6 by Fever, 4 by Diarrhea, and 3 each by Small-Pox and Scarlatina.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 59.0°; at the Salford Observatory it was 55.0°; at Eccles 54.7°; and at Old Trafford, it was 57.1°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment L

Area in Statute Acres Population in 1861							Manel			nship		,645 ,050			
		Po	or L	w D	ISTRI	cts.				Pui	BLIC	Insti	TUTIO	NS.	
DISEASES.	ter's	St. Andrew's	St. George's	dral	de's	St. Michael's	of ots.	Workhouse.		OYAL	-		-	CHIT.	-
Charlette, and Pairie	I St. Peter's	8 St. A	& St. Ge	A Cathedral	cr St. Jude's	9 St. M	Total of Districts.	7 Work	co In-	o Out-	O District I.	11 District	District III.	St. Mary's Hospital.	Clin 14
Small-pox						1	1		2						
Measles		1			1		2					2	1	11	2
Scarlet Fever						2	2								
Diphtheria															
Whooping-cough		2	1				3						2	1	4
Croup															
Diarrhœa					1	1	2	2						5	6
Dysentery		1	1				2								
Malignant Cholera															
Erysipelas															
Continued Fever			1	**				1							
Typhus					a2	1	3	5				1			
Enteric or Typhoid	••														
						3	6	2						15	4
Febricula	1				2	3	0	2			1		2	10	4
Ague															
Rheumatic Fever				••		••				9	1	2	5		
Puerperal Fever		••	••	••											
Bronchitis and Catarrh	2	2	3		5	1	13	8		30	2	1	3	6	15
Influenza		••					.:								
Pleurisy and Pneumonia	1		1	2		3	4	8		21	1	2	2	5	2
Constitutional Syphilis							::	11	1	4					2
All other Diseases	11	5	7	8	6	11	48	71		160	9	6	8	55	126
Accidents						4	4	4	0.000	119			2		1
	15	11	13	10	17	24	90	116	35	343	14	13	25	100	165

Mr. R. M. MANN.
"J. BROADBENT,
"EDWARD MEACHAM,
"JOHN WALSH.

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7)Mr. J. WESTMORELAND, (8),,J. P. SLEIGHTHOLME,

(9) (10) (11) (12) Mr. W. H. CARRUTHERS, (12) , C. CURRIE RITCHIE,

(13) Mr. H. RUNCOR (14) ,, W. M. MACC (15) ,, J.OGDEN FLI (16) Dr. A. C. CLARK

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 12th day of June, 1869.

	-			-	-		-		-		-			-	MARKET NA		
	8	SAL	FOR	D.		BU	JLM	Е.	CHO		ARD- WICK	PH	ENDI	ETON	& Y.		
		1,3	329				477.		64	6	508.	-		2650	-	Area in Statute Acres.	
		70,9	967.			6	8,209		44,	850	21739			24,448.	170 5 10 5 11	Population in 1861.	
oR				PUBLI			or L		et.		ict.	ats	1		eek		
Dis	201	_	INS	TITUT			STRIC	T8	District.		District.	Ancoats	Union		-		S.
t Day	Regent Road.	t Road	Workhouse.	Dispensary.	Salford County Gaol.	George's.	ock.	St. Philip's	Law Di	Dispensary.	Poor Law D	Se na	Chorlton Unic		Corresponding V	DISEASES.	DEATHS.
		Regent No.	200		100000	St.	Medlock.		Poor Law			Ard	Cho	Total.	orrespo		DE
1	7	18	19	20	21	22	23	24	25	26	27	28	29		o _		
			2	2								1	1	9		Small-pox	
	1			4		1			1	3		1	1	31	18	Measles	1
				5						1			1	9	36	Scarlet Fever	
										**						Diphtheria	
					.,									10	5	Whooping-cough	
				1										1		Croup	
		1		7	3			1		1				31	62	Diarrhœa	
														2	2	Dysentery	
																Malignant Cholera	
															7	Erysipelas	
			1	2										4	20	Continued Fever	
				1					2				2	13	23	Typhus	
				1						1				2	3	Enteric or Typhoid	
				8		1		2	1	6			1	53	28	Febricula	
															1	Ague	
							2		1					20	9	Rheumatic Fever	
																Puerperal Fever	
	8	5		41	2	1	5		10	9	1	4	15	186	145	Bronchitis & Catarrh	6
							1							1	6	Influenza	
-	1			4	1					3			1	22	21	Pleurisy & Pneumonia.	2
		2		13	1	1			1	1		1	7	70	62	Phthisis	8
1	1			7	1				2	1		1	3	36	59	Constitutional Syphilis	
	1	5	1	107	2	5	2	7	14	25	9	18	60	1000000	706	All other diseases	7750
-	2	••	••	55		••	1	1	5	16		34		256	234	Accidents	2
2	4	13	4	258	10	9	11	11	34	67	10	60	92	1537	1447	TOTAL	52
								Contract of the last									10

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return af Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Thshp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs	·· · · · · · · · · · · · · · · · · · ·	1 4 7	·· ·· ·· ·· ii		3 1 	··· 2 ·· 1 ·· · · · · · · · · · · · · · · · ·	3 1 1 1 5 17	1 2	 1 8 8	1 2 1 1 15 26	1 1 	3 17 2 3 4 6 70	5 22 7 8 72 112
Other causes Total No. of Deaths.	26	23	23	10	5	8	28	7	17	26 46	7	231	233
TOTAL No. of BIRTHS.	37	41	13	13	10	23	29	12	34	60	23	295	436

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680. At Pauper, Charitable, and Public Institutions in Manchester and Salpond.
Population in 1861, 390,815.

Weeks ending 27th March.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	TOTAL.	DISEASES.	4 Weeks ending 27th March.	5 Weeks en ding 1st May.	4 Weeks en ding 29th May.	TOTAL
2	5	10	17	Small-pox		80	47	170
15	25	32	72	Measles		133	82	281
29	46	33	108	Scarlet Fever	68	8.5	54	207
. 5	1	5	11	Diphtheria	1	1		38
59	123	70	252	Whooping-cough	8	11	19	
8	4	2	14	Croup	7	***	1	8
238	341	206	785		119	183	132	434
1		**	1	Dysentery	5	5	1	11
21	32	29	82	Malignant Cholera	14	25	22	61
9	14	11	31	Erysipelas	59	59	47	165
		2000		Typhus	73	97	51	221
15	5	i	21	Enteric or Typhoid	33	36	29	98
87	98	40	225	Febricula	150	193	114	457
		1	1	Ague				
56	75	47	178	Rheumatic Fever	69	71	65	205
1	1		2	Puerperal Fever	3			3
874	1199	613	2686	Bronchitis and Catarrh	927	1027	669	2623
5	10	6	21	Influenza	14	9	1	24
48	43	34	125	Pleurisy and Pneumonia	77	102	72	251
112	139	84	335	Phthisis	283	399	227	909
28	17	16	61	Constitutional Syphilis	116	152	116	384
\$133	4746	3322	11201	Accidents, and all other Diseases	3591	4988	3579	12158
4746	6924	4562	16232	TOTAL	5726	7656	5328	18710

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2.726 15 Eccles 2.292 15 Old Trailord 2.096 14 Salford 2.176 14 Wilmslow Royton	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq.	Eccles, T.Mackerethesq	Wilmslow, J. Thompson, Esq.	Royton, J. Hear, Esq.	Fenketh, Warrington L.W.Reynolds Esq
Heightof barometer cisternabove sea level. Barometer. Mean @ 32°F., and reduced to sea level. Highest. Unreduced to sea level. Lowest tange Tomperature. Adopted Mean Range for Week. Daily Range Maximum in Shade	37·7 17·9 80·7	123 ft. INS. 30:119 30:224 29:574 6:650 57:1 40:9 23:5 82:2 41:3	145 ft. 1N8. 30·111 30·219 20·603 0·616 54·7 40·8 22·3 79·8 30·0	251 ft. 1N8. 30·125 30·090 29·492 0·508 53·5 39·4 19·5 77·1 33·7	RETURN.	NO RETURN.
Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation-1,000)	45·2 GRS. 0·703	47·1 GRS. 0·691	45.5 GRS. 0.705	45.6 GRS. 0.745	NO RE	NO RE
Prevailing Winds Rain Ozonometer Moffat Schonbein	W,NW	S	W,NW 4·14	0.009		1000

COMMUNICATED TO THE

Manchester und Salford Samitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, JUNE 19, 1869.

No. 464

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, June the 19th, 1319 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1537, and in the corresponding week of last year it was 1603. The deaths in public practice during the week amounted to 63, being in the proportion of 1 death to every 20 cases.

There is this week a considerable increase in the cases of Small-Pox, the number having risen from 9 to 14. This disease was more prevalent in Manchester than in any of the other districts, 10 of the cases having occurred there. Not a single case was observed in the public practice of Salford during the week.

The number of Measles cases has fallen from 31 to 20. Twelve of the 20 cases occurred in Manchester, 5 in Salford, and 1 each in Chorlton, Ardwick, and Hulme.

The cases of Scarlatina have risen in number from 9 to 16. Last week 2 cases occurred in Manchester, in the week under notice there were 12.

There is a slight improvement in the return of Whooping-Cough, the cases having fallen from 10 to 6; 3 of these occurred in Manchester and 3 in Chorlton.

The cases of Fever have risen from 19 to 33. Fifteen were assigned to Continued Fever, 17 to Typhus, and 1 to Typhoid Fever.

There is a considerable decrease in the number of cases of Bronchitis and other acute chest diseases, 157 being returned instead of 209.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 216 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Sixty-eight deaths were caused by Diseases of the Lungs, 16 by Measles, and 6 by Scarlatina.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 51.3°; at the Salford Observatory it was 50.2°; at Eccles 49.8°; and at Old Trafford, 50.9°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment I

Area in Statute Acres Population in 1861						1	Manch		Tow,			,645			
				w D		TS.				-		INSTI	титіо	NS.	
		N*8	80			sl's		· ·	R	OYAL	Infi	RMAR	v.	Сить	
DISEASES.	1 St. Peter's	N St. Andrew'	ω St. George's	A Cathedral	Cn St. Jude's	9 St. Michael's	Total of Districts.	~ Workhouse.	co In-	6 Out-	O. District I.	11 District	District TII.	St. Mary's Hospital.	Clinical Thospital.
Small-pox					1		1	2	5			b2			
Measles	2	81.	0.01	ndi	0.550	5	7							3	2
Scarlet Feyer		ford	1	al	1	2	5		1					5	
Diphtheria					20										
Whooping-cough										1					2
Croup															
Diarrhœa		1				2	3	2		2				7	7
Dysentery														1	
Malignant Cholera															
Erysipelas								3	1						
Continued Fever	5	a2	1		al		9			.,				1	
Typhus					al	2	3	8	1			a2			
Enteric or Typhoid									1						
Febricula	1			1	0.0		2	4			1	1	2	5	1
Ague															
Rheumatic Fever								1	1	15			1		
Puerperal Fever													1		
Bronchitis and Catarrh	1	4	1	2	2	3	13	3	1	26	1	3	2	5	5
Influenza															
Pleurisy and Pneumonia		1					1	4		2					3
Phthisis		2		1 2	2	1	6 2	6 7		27	2	4	4	4	
All other Diseases	13	5	10	3	2	18	51	60	22	96	9	. 1	3	53	69
Accidents	1					1	2	3	16	102			3		
TOTAL	23	15	13	10	10	34	105		49	275	13	13	16	84	89
a Remo	ved to	Worl	chouse	0.	o Re	nove	l to Sm					anhor	n +1	0 400	neio
) Mr. R. M. MANN. (5)	Mr. (1	(9)	00	eatt	at O	ficer	8 10	1	3) Mr		

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 19th day of June, 1809.

1		-	-	-	-	MATERIAL	SAME SAME	SANCHED IN	-	-	-	-	-	-	-		-
		SAL	FOR	D.		H	JLM	Е.	CHO	RL-	ARD- WICK	PE	NDL	EBUR	& Y.		
I.		1,8	329				477.		64	6	508.	-	-	2650	-	Area in Statute Acres.	
ŀ		70,9	967.			6	8,209		. 44,8	350.	21739		2	24,448		Population in 1861.	
D	R LA	W		'UBLI			or La		rict.		trict.	Anocats	no		eek		
	Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Dispense	Choriton Union Workhouse.	Fotal.	Cerresponding W last Year.	DISEASES.	DEATHS.
	17	18	19	20	21	22	23	24	25	26	27	28	29		3		
						al	1				1		1	14	2	Small-pox	
ı	2			3				1				1	1	20	21	Measles	1
				2		1						2		16	30	Scarlet Fever	
																Diphtheria	
										3				6	8	Whooping-cough	1
				1										1		Croup	
	1			3	5	1								36	60	Diarrhœa	
														2	7	Dysentery	
																Malignant Cholera	
ı													1	ō	3	Erysipelas	
			2	2										15	28	Continued Fever	
		1											2	17	28	Typhus	1
														1	2	Enteric or Typhoid	1
		1		6		1	2			3			2	31	40	Febricula	1
													10000		1	Ague	
												1	1	20	11	Rheumatic Feyer	
														1			
									3				10	1		Puerperal Fever	
-	6	4		33	2	5	3	1	3	5	3	2		139	140	Bronchitis & Catarrh	5
				3	1	1							1	18	12	Influenza Pleurisy & Pneumonia.	1
		1		11		2	1			4		3	2	77	70	Phthisis	14
				3					2				1	21	42	Constitutional Syphilis	
ŀ	9	8		105	3	9	4	11	21	23	6	17	4.5	644	839	All other diseases	36
-	2	1		50				3		22		26	3	235	259	Accidents	3
	20	16	2	222	11	18	11	16	26	60	10	52	70	1319	1603	TOTAL	63

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr. S. WOODCOCK, (23) Dr. ALEX, WILSON, (24) Mr. H. M.WILLIAMSON, (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS,

the report of the Association, and has, as far as practicable, been taken into account in the conclusion iwn from the weekly returns.

Weekly Return of Births and Denths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johns.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corresponding week last year,
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	1 2 17 13	i 11 14	1 1 9 19	 2 1 1 6 9	3 3 3 8	1	 1 2 2 	: : : : : : : : : : 4	··· i 1 ·· · · 6 10	1 1 1 2 9 6	1 1 2 4	1 16 4 6 3 3 63 115	15 6 25 12 12 61 129
TOTAL NO. OF DEATHS.	33	26	30	19	15	16	24	7	18	20	8	216	260
TOTAL NO. OF BIRTHS.	32	48	10	17	9	23	29	20	37	61	25	310	397

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylabone, LORDON.

Medical Officer of Halth, John Whitmore, M.B.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Mancaester and Salpond. Population in 1861, 390, 315.

Weeks ending 27th March.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	TOTAL.	DISEASES.	4Weeks ending 27th March.	ending 1st	4 Weeks ending 29th May.	TOTAL
2	5	10	17	Small-pox		80	47	170
15	25	33	72	Measles		133	82	182
29	46	33	108	Searlet Fever		85	54	207
5	1	5	11	Diphtheria	1	1	::	38
59	123	70	252	Whooping-cough	8	11	19	
8	4	2	14	Croup	110	100	100	8
238	341	206	785	Diarrhœa	119	183	132	434
1			1	Dysentery	0	5	1	11
21	::	**	82	Malignant Cholera		25	22	61
9	32 14	29	34			59	47	165
. 9		7	01	Typhus	73	97	51	221
15	5	1	21	Enteric or Typhoid		36	29	98
87	93	40	225	Febricula	150	193	114	457
7.5	55	1	1		100	200	***	773
56	75	47	178	Rheumatic Fever	69	71	65	205
1	1		2	Puerperal Fever	3 1	1 1 1 1	1 1 1	3
874	1199	613	2686	Bronchitis and Catarrh	927	1027	639	2023
5	10	6	21	Influenza	77	9	1	24
48	43	34	125	Pleurisy and Pneumonia	77	102	72	24 251
112	139	84	835	Phthisis	283	399	227	909
28	17	16	61	Constitutional Syphilis	116	152	116	384
3133	4746	3322	11201	Accidents, and all other Diseases	3591	4988	3579	12158
4716	6924	4562	16232	TOTAL	5726	7656	5328	15710

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days Penketh 2.726 15 Eccles 2.292 15 Old Trafford 2.096 14 Salford 2176 14 Wilmslow Royton	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Бесісв, Т.Маскинкти Ево	Wilmslow, J.TROMPSON, ESQ.	Royton, J. Heaf, Esq.	Warrington L.W.Reynolds Esq
Heightof barometer cistern above sea level. Barometer. Mean @ 32 ° F., and reduced to sea level. Highest. Unreduced ! Range Temperature. Adopted Mean Range for Week Daily Range. Maximum in Shade Yemperature of Dew Point. Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000)	108 ft. 188, 29:873 30:199 29:363 0 836 50:2 21:0 11:5 66:5 42:5 41:8 GRS, 0:736	123 ft. 1NS. 29:867 30:270 29:337 6:933 50:9 28:0 15:3 76:0 42:0 42:0 44:2 0RS. 0.78:2	145 ft. 188. 29:873 30:199 20:263 0:366 49:8 24:5 14:6 65:4 40:9 42:4 GRS. 0:756	NO RETURN.	No neturn.	43 ft. 1N8. 29:858 30:302 29:404 0:808 52:4 29:3 17:6 69:0 39:7 44:5 GRS. 0:750
Prevailing Winds Rain Ozonometer Moffat Schonbein	W,WNW 1·122 0·28	NW, W 0.947	W,WNW 1-023 6-28	A bara	namala mioc, n	N NW 0-930 5-10

June, 19, 1869.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, JUNE 26, 1869.

No. 465

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, June the 26th, 1411 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1319, and in the corresponding week of last year it was 1686. The deaths in public practice during the week amounted to 49, being in the proportion of 1 death to every 28 cases.

Small-Pox continues to gain ground, the numbers for the last three weeks being 9, 14, and 16. The disease continues to prevail principally in Manchester, 11 having occurred there during the week, while only one was observed in Salford, 2 in Hulme, and 2 in Chorlton.

The return of Measles continues rather high, 22 cases were observed during the week, being two more than in the preceding week. The public practice of the Township of Hulme has been free from this disease during the week.

Scarlatina remains the same as it was in the previous week, 16 being returned. In the corresponding week of last year the number was 50.

There is not a great increase in the csses of Diarrhea and Dysentery, 53 cases occurred during the week, which were 15 cases more than in the preceding week. A case of English Cholera proved fatal in forty-eight hours in St. George's District this week. These diseases are not nearly so prevalent as they were in the corresponding week of last year, when 124 cases were observed.

The Fever return is very satisfactory, the number of cases having fallen from 33 to 24. Seven were assigned to Continued Fever, 13 to Typhus, and 4 to Typhoid Fever.

There is a slight increase in the cases of Bronchitis and other acute chest diseases, 161 cases being returned instead of 157.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 198 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Fifty-nine were caused by Diseases of the Lungs, 8 each by Measles and Scarlatina, 7 by Diarrhæa, and 5 by Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 54.3°; at the Salford Observatory it was 55.8°; at Eccles 55.8°; and at Old Trafford, 55.8°.

JOHN ROBERTS, M.D., Hon. Sec.

OMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment L

Area in Statute Acres Population in 1861							Manch		Tow,			,645 ,050			
- Control of the cont			or La				1	Public Institutions.							
		20	80		1	l's		· ·	R	OYAL	Infirmat		y.	Снп	DREN
DISEASES.	St. Peter's	St. Andrew'	& St. George's	A Cathedral	Gr St. Jude's	5 St. Michael's	Total of Districts.	Workhouse.		Out-	-	District II.	District III.	St. Mary's Hospital.	
A STATE OF STREET	1	2	3			-	-	-	8	9	10	11	-	-	14
Small-pox	2			61		1	4	6	1						
Measles			2				2							7	
Scarlet Fever			2		1	2	5							1	3
Diphtheria															
Whooping-cough														2	1
Croup										**					
Diarrhœa		1		1	1	2	5	2						15	7
Dysentery								1						1	
Malignant Cholera			al				1								
Erysipelas								1							
Continued Fever			1		11		2								
Typhus								7	1			c3			
Enteric or Typhoid								1					1		1
Febricula	2				2	3	7	1	2	2	1	2		5	2
Ague											1				
Rheumatic Fever			1					1	1	3			2		
Puerperal Fever														1	
Bronchitis and Catarrh		4	3	1	ъ1	4	14	7	1	18	2	4	2	5	7
Influenza															
Pleurisy and Pneumonia	1	3				1	- 4	1	1	1		1			1
Phthisis					1	1	2	5	1	12	1	1	4	1	2
Constitutional Syphilis	Market Co.						1	12		3					
All other Diseases	17	8	4	5	3	8	45	44	30	149	3	2	2 2	64	82
TOTAL	24	18	13	9	10	23	97	91	52	295	9	14	13		105
a Died	NAME OF TAXABLE PARTY.				1	111777	rkhou	1		moved	1			101	
							3	Iedi	cal O	fficer	s to	who	m th	e As	soci

ANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 26th day of June, 1869.

-	and the same	-	-	-	1	-	J. STORY OF	- 1	CHO	DI	ARD-	DE	NIDI	PERON	0. 1		Miles Miles
		SAL	FOR	D.		H	JLM	E.	TO		WICK	PE	NDL	EBUR	Y.	祝意!	
			329			100000000			64			100000		2650		Area in Statute Acres.	
	• • • • •	The second	967.	UBLI			8,209 or L			850.,				24,448.	-	Population in 1861.	
	R LA			TITUT			STRIC		District		trict	coat.	uo.		eek		10
	Regent Road.	t Road	Workhouse.	Dispensary.	Salford County Gaol.	George's.	ek.	St. Philip's	Law Dis	Dispensary.	Poor Law District.	Ardwick & Ancoats Dispensary.	norlton Union Workhouse.		Corresponding Week last Year.	DISEASES.	DEATHS.
	egen	Regent No. 5	Vork)isper	Sa	St. Ge	Medlock.	t. Pl	Poor Law)isper	Poor	rdwi	Chorlton	Total.	respo	12 LANGUEST AND LOSS ALCOHOLOGY	DE
,	17	18	19	20	21	22	23	24	25	26	27	28	29		Cor		M
-			1				b1	1					2	16	1	Small-pox	
		7	-	4						1	1			22	19	Measles	
		1									1			16	50	Scarlet Fever	1
				3	••	3				1				10			
									"					"		Diphtheria	
				1	• •					1				5	8	Whooping-cough	2
									**							Croup	
	3			7	7	1				1		1		52	121	Diarrhœa	1
										**				1	3	Dysentery	
														1		Malignant Cholera	1
								3		1				5	6	Erysipelas	
			2	3										7	24	Continued Fever	
				1									1	13	28	Typhus	3
				2				1						4	5	Enteric or Typhoid	
				5		1		2		8			2	42	61	Febricula	
														1		Ague	
														7	14	Rheumatic Fever	1
											**					Puerperal Fever	
				39			3		1	8		5	4	144	144	Bronchitis & Catarrh	
	6	3		29	5	1		1		0	4						
			••	2	1							1		2 15	23	Influenza	1
		3		12		1		1		1		2	6	58	68	Phthisis	11
	1			4	1		61	1					2	28	48	Constitutional Syphilis	
	21	18	2	76	2	8	7	2	14	15	6	19	75	705	786	All other diseases	21
				83	1		5			15		24	6	267	275	Accidents	3
	32	31	5	242	17	15	14	12	15	52	11	52	98	1411	1686	TOTAL	49
								· ·			1				671	THE RESERVE OF THE PARTY OF THE	

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deuths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Typple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowiey.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhoa Fever Diseases of the Lungs Other causes	1 1 1 1 3 10	 1 2 2 2 13 8	 1 3 6 15	 1 4	 4 1 6 2	 1 1 4 8	 1 1 1 5 16		 1 5 14	2 3 6 18	1 4 5	8 3 8 7 5 59 108	4 2 13 13 10 62 117
TOTAL NO. OF DEATHS.	16	26	25	14	13	14	24	7	20	29	10	198	221
TOTAL NO. OF BIRTHS.	31	36	10	14	17	31	53	18	36	64	12	322	403

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.
Population in 1861, 390,815.

Weeks ending 27th March.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	TOTAL.	DISEASES.		ending 1st	4 Weeks ending 29th May.	TOTAL
2	5	10	17 72	Small-pox	43	80	47	170
15	25	32				133	82	281
29	46	33	108	Scarlet Fever	68	85	54	207
5	1	5	11	Diphtheria	- 1	1		2
59	123	70	252	Whooping-cough	8 7	11	19	38
8	4	2	14	Croup			1	8
238	341	206	785		119	183	132	434
1			1		5	5	1	11
				Malignant Cholera				
21	32	29	82	Erysipelas	14	25	22	61
9	14	11	34		59	59	47	165
::	**		::	Typhus	73	97	51	221
15	5	1	21	Enteric or Typhoid	33	36	29	98
87	98	40	225	Febricula	150	193	114	457
**	75	.1	1 1	Ague	**	7i	::	
56	75	47	178	Rheumatic Fever	69	71	65	205
874	1199	010	2686	Puerperal Fever	927	1007		3
5	1199	613	2006	Bronchitis and Catarrh	14	1027	669	2623
48	43	34	125	Influenza	77	100	- 4	24
112	139	84	335	Pleurisy and Pneumonia	283	102 399	72	251
28	17	16	61	Phthisis	116	152	227	909
3133	4746	3322			3591	4988	116 3579	384 12158
4746	6924	4562	16232	TOTAL	5726	7656	5328	18710

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2-726 15 Eccles 2-292 15 Old Trafford 2-096 14 Salford 2-176 14 Wilmslow Royton	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.Mackerentesq	Wilmslow, J.Thompson, Esq.	Eoyton, J. Hear, Esq.	Penketh, Warrington L.W.ReynoldsEsq
Heightof barometer cistern above sea level. Barometer. Mean @ 32° F., and reduced to sea level. Highest	108 ft. INS. 30·160 30·179 29·949 0·230	123 ft, INS. 30·169 30·198 29·960 6·238	145 ft. 1NS. 30·160 30·179 20·949 0·230	251 ft. 1NS. 30·153 30·054 29·760 0·294	544 ft. INS.	43 ft, INS. 30·160 30·280 20·054 0·226
Adopted Mean Bange for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	25·3 12·1 70·8 45·5 48·8	55.4 28.3 15.5 71.0 42.7 50.3 ons.	55·3 33·7 15·5 73·4 39·7 50·5	54.8 21.9 11.4 69.4 47.5 49.1 GRS.	NO RETURN.	58·1 34·4 18·9 74·5 40·1 52·0 GRS.
the Atmosphere. Degree of Humidity (Saturation—1,000) Prevailing Winds Rain Ozonometer- Moffat Schonbein	0.011	0-838 SW 	0·843 NW,W 0·013 0·71	0·788 0·78 0·57	4	0.800 NW,E

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, JULY 3, 1869.

No. 466

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, July the 3rd, 1438 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1411, and in the corresponding week of last year it was 1672. The deaths in public practice during the week amounted to 48, being in the proportion of 1 death to every 29 cases.

The present return is satisfactory.

There is but little change in the return of Small-Pox cases, 15 being reported instead of 16. This disease was confined to the Townships of Manchester and Salford, 11 cases having occurred in the former and 4 in the latter.

Twenty-one cases of Measles were returned for this week against 22 in the previous one. Twelve of these occurred in Manchester, 4 in Salford, 1 in Hulme, 2 in Chorlton, and 2 in Ardwick.

The return of Scarlatina remains the same as it was in each of the two preceding weeks, 16 cases being returned. In the corresponding week of last year the number was 52.

There is a decrease in the cases of Diarrhea and Dysentery, 47 being returned instead of 53. This is an unusually small return for this period of the year. In the corresponding week of last year the number was 145.

The Fever return continues to improve—23 cases being returned—one less than in the preceding week. Six were assigned to Continued Fever, 10 to Typhus, and 7 to Typhoid Fever.

There is a rise in the cases of Bronchitis and other acute chest diseases, 177 being returned instead of 161.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 191 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Fifty-six deaths were caused by Diseases of the Lungs, 13 by Measles, 11 by Fever, 9 by Diarrhæa, and 7 by Whooping-Cough.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 56.9°; at the Salford Observatory it was 58.5°; at Eccles 58.4°; and at Old Trafford, 58.2°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC IN

New Cases of Disease coming under Treatment

						MANCHESTER.											
Area in Statute Acres						1	Ianch	ester	Tow	nship	1,	645					
Population in 1861							,,	Lier	,,		185,	050	••••		• • • •		
		Poo	R LA	w Di	STRIC	TS.	1			Pub	ric I	NSTIT	UTIO	NS.			
1888. No 488.	y Y	00	00	G.	1	50 1			Re	TAY	INFIR	RMARY	r.	CHILD	REN		
	Peter's	Andrew'	George's	ral	6,8	Michael's	J. 8.	Workhouse.	100	00	t I.	ot	et	ry's	tal.	Gaol.	
DISEASES.			Geo	Cathedral	Jude's	Mic	Total of Districts.	orkh	In- patients.	Out-	District	District II.	District III.	St. Mary's Hospital.	Hospital.	City G	
Short and Stantana	St.	St.	St.	11.5501911	St.	St.	P. P.				H						
	1	2	3	4	5	6	_	7	8	9	10	11	12	13	14	15	
Small-pox		1			a1		2	3	5			1					
Measles			1			2	3					2		6	1		
Scarlet Fever			1				1							2	3		
Diphtheria			, ,														
Wheeping-cough														3	. 4		
Croup ,																	
Diarrhœa														21	8	4	
Dysentery																	
Malignant Cholera							1										
Erysipelas	1						1					1		2			
Continued Fever					a2		2										
								4	3			1					
Typhus		1				150	1000	1	1	1	1015	60			2		
Enteric or Typhoid								1	-	iii			110				
Febricula	1				1	*	2	1		1		3	1	8		1	
Ague																	
Rheumatic Fever					al		1	1	2	3		1	2				
Puerperal Fever																	
Bronchitis and Catarrh	2	4	1	1	2	4	14	7	2	27	2	3	2	5	12	99	
Influenza																2	
Pleurisy and Pneumonia						1	1	4	1				1		3		
Phthisis		1		1		1	3	8	3	30	3	2		1	1	1	
Constitutional Syphilis	1 198							5		3				59	86	-	
All other Diseases	16	5	17	5	4	19	66	56	22	157	3	4	6	1000	2	0	
Accidents	1.				1	1	2	3	16	125		**	-		-	-	
TOTAL	20	11	20	7	12	28	98 l to We	93		345	8	17	15	107	122	17	
		-	-	-		100	-		-	- 22	-	,	7	a 400			

Medical Officers to whom the Association

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH.

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD. (7) Mr. J. WESTMORELAND, (8) ,,J. P. SLEIGHTHOLME,

(9) (10) (11) (11) (12) (12) Mr. W. H. CARRUTHERS, "J. PORTER, (12) ", C. CURRIE RIFCHIE,

(13) Mr. H. RUNCORN (14) "W. M. MACCA (15) "J.OGDEN FLE (16) Dr. A. C. CLARKE

ANITARY ASSOCIATION.

NS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 3rd day of July, 1869.

-	Louisin Land province and a land															
8	SA L	FORI	D.		RU	ILMI	E.	CHO TO	RL- N.	ARD- WICK	PE PE	NDL	EBUR	& Y.		
	1,8	29				477.		64	6	508.			2650		Area in Statute Acres.	
	70,9	967.			68	8,209		. 44,8	350	21739		2	24,448		Population in 1861.	
LA			UBLI			or LA		trict.		strict.	Anecats ary.	ion .		Week		è.
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Ane Dispensary.	Chorlton Union Workhouse.	Total.	Corresponding W last Year.	DISEASES.	DEATHS
17	18	19	20	21	22	23	24	25	26	27	28	29		S		
		2							-				15	1	Small-pox	- 1
1	2		1			1			2		2		21	31	Measles	1
			4						6				16	52	Scarlet Fever	
															Diphtheria	
									2				9	3	Whooping-cough	
															Croup	
1	2		4	3	1			1				1	46	139	Diarrhœa	2
								1					1	6	Dysentery	
															Malignant Cholera	
							2						5		Erysipelas	
		1	2			1							6	29	Continued Fever	
												2	10	21	Typhus	2
			2					1					7	6	Enteric or Typhoid	2
	1	5	6				2	1	3				35	39	Febricula	
															Ague	
						1		1			1	3	16	15	Rheumatic Fever	
															Puerperal Fever	
6			39	4	1			9	9	2	3	5	157	112	Bronchitis & Catarrh	7
													2	5	Influenza	
			3			2			1			1	18	11	Pleurisy & Pneumonia.	1
1			13				1		5	1	2	3	78	77	Phthieis	8
			5	2			2	1				3	23	49	Constitutional Syphilis	
11	11	4	75	4	2	3	4	14	28	5	17	57	707	789	All other diseases	N. W.
- 3	2		61					3	17		27	3	266	287	Accidents	1 48
22	18	12	215	13	4	8	11	32	73	8	52	78	1438	1672	TOTAL	90

ndebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

he report of the Association, and has, as far as practicable, been taken into account in the conclusion wn from the weekly returns.

weeking weinen ut wittigs und wentigs in swuntherter und sutiniu.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox. Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes.	1 1 1 1 2 12 6	1 2 2 2 1	 1 1 6 5		3 1	··· 2 ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·	3 1 1 1 4 4 17		·· · · · · · · · · · · · · · · · · · ·	1 3 2 2 1 9	1 1 9 7	1 13 7 4 9 11 56 90	12 3 21 54 9 51 132
TOTAL No. OF DEATHS.	24	22	13	8	11	12	31	7	17	28	18	191	282
TOTAL No. OF BIRTHS.	35	50	11	15	18	23	35	16	25	56	19	313	367

Monthly Return of New Cases of Disease coming under Treatment In 11 Charitable Institutions in St. Marylebous, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161688. At Pauper, Charitable, and Public Institutions in Manchester and Salford. Population in 1861, 390,815.

Weeks ending 27th March.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	TOTAL.	DISEASES.		5 Weeks ending 1st May.	4 Weeks ending 29th May.	TOTAL
2	5	10	17	Small-pox	43	80	47	170
15	25	32	72	Measles		133	82	281
29	46	33	17 72 108	Scarlet Fever	68	85	54	207
5	1	5	11	Diphtheria	1	1		2
59	123	70	252	Whooping-cough	8	11	19	38 8
8	4	2	14		7	- 23	1	8
238	341	206	785	Diarrhœa	119	183	132	434
1			1		5	5	1	11
				Malignant Cholera		22		61
21	32	29	82	Erysipelas	14	25	22	
9	14	11	34	Continued Fever	59	59	47	165
			1.1	Typhus	73	97 36	51	221 98
15	5	1	21	Enteric or Typhoid	33		29	
87	98	40	225	Febricula	150	193	114	457
	22	1	1.00	Ague	69	71	65	205
56	75	47	178	Rheumatic Fever	7.5	/1		203
1	1100	010	2 0000			1027	669	2623
874	1199	613	2686 21		14	9	3	24
5	10	6	125	Pleurisy and Pneumonia		102	72	251
48	43	34 84	335	Pleurisy and Pheumonia	283	399	227	909
112	139	16	61	Constitutional Syphilis	116	152	116	384
28 3133	4746	3322	11201	Accidents, and all other Diseases	3591	4988	3579	12158
4746	6924	4562	16232	TOTAL	5726	7656	5328	18710

	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernox, Esq	Eccles, T.Mackerefes	Wilmslow, J.Thompson, Esq.	Royton, J. Hear, Esq.	Penketh, Warrington L.W.ReynoldsEsq
Heightof barometer cistern above sea level. Barometer. Mean @32°F., and reduced to sea level Highest	25·2 19·7 75·1	123 ft. 1N8. 30:270 30:292 30:040 6:252 58:2 34:0 24:4 80:0 46:0 50:6 GRS. 0:760	145 ft. 1NS. 30-248 30-273 30-071 0-202 58-4 32-0 25-6 77-5 45-5 49-5 GRS. 0-725	NO RETURN.	NO RETURN.	NO RETURN. SEE
Prevailing Winds Rain Ozonometer Moffat Schonbein	N,NE	E,S,SW	N,NE			

COMMUNICATED TO THE

Manchester und Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, JULY 10, 1869.

No. 467

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, July the 10th, 1457 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1438, and in the corresponding week of last year it was 1712. The deaths in public practice during the week amounted to 59, being in the proportion of 1 death to every 24 cases.

There is a decrease of 3 in the number of Small Pox cases, 12 being returned. Last week this disease was confined to the public practice of the townships of Manchester and Salford; this week 9 cases occurred in Manchester, 2 in Hulme, and 1 in Chorlton,—Salford being free from it.

Measles increases in prevalency; the number of cases has risen from 21 to 26. This is the zymotic disease which has caused the largest number of deaths for several weeks.

There is this week a slight increase in the cases of Scarlatina, 18 being returned instead of 16. In the corresponding week of last year the number was 47.

Eight cases of Whooping-Cough were observed during the week, being 1 less than in the preceding return.

The cases of Diarrhœa and Dysentery have risen from 47 to 85; 34 of these occurred in children. The number of these summer complaints continues very low. In the corresponding week of last year there were 249 cases.

The fever return is not so satisfactory this week, 44 cases having occurred, being 21 more than in the week preceding; 12 cases were assigned to Continued Fever, 30 to Typhus, and 2 to Typhoid Fever.

Notwithstanding the weekly rise in the mean temperature of the air the cases of Bronchitis and other acute chest diseases have risen from 177 to 189.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 207 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Fifty-nine deaths were caused by Diseases of the Lungs, 15 by Measles, 9 by Diarrhæa, and 7 each by Scarlatina and Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 64.2°; at the Salford Observatory it was 61.6°; at Eccles 61.5°; and at Old Trafford, 62.6°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment

					••••	••	Manch	nester	Tow	nship		,645		• • • • •		
Population in 1861					_	••	' ''		,	,		,050	•••	• • • • •		• •
		Poo	DR LA	w Di	STRIC	TS.				Pui	BLIC	INSTI	TUTIO	NS.		
THE COLUMN THE PARTY OF THE PAR	80	W'8	8,8			el's		se.	R	OYAL	INFI		y	CHIL		
DISEASES.	Peter's	Andrew'	George's	Cathedral	St. Jude's	Michael's	Total of Districts.	Workhouse.	nts.	t. nts.	ict 1	District 11.	District 111.	St. Mary' Hospital	Clinical Hospital.	
	St. P	St. A	St. G	athe	t. Ju	St. M	otal	Vork	In- patients.	Out- patients.	District	Dist 11	Dist	t. M Hos	Clin	
Charleste, and Pulte	1	2	3	4	5	6	- A	7	8	9	10	11	12	13	14]
Small-pox	a3					-:	3	3		c2	cl					-
Measles		1	1				2		1					4		
Scarlet Fever					1		1							3	5	
Diphtheria																-
Whooping-cough						1	1			2		-		4	1	1
Croup			11	ii.			1 9	"					Man I			-
			**			3	12		1						10	1
Diarrhœa	1	5		2	1	0		1	1	3				24	10	
Dysentery				1			1			1			1			-
Malignant Cholera																1
Erysipelas						***										
Continued Fever	a2		1	1			4									1
Typhus					1		1	6	3			2	1			
Enteric or Typhoid		bi					1									-
Febricula		1		1		2	4	1	1		1	2	1	9	3	
Ague																
Rheumatic Fever									1	12			1			
Puerperal Fever																
Bronchitis and Catarrh	3		3	4	1	7	18	6	1	25	2	2	7	5	14	1
Influenza										2						
Pleurisy and Pneumonia				2	2		4	2		3	2		1		1	
Phthisis			1		3		4	7		22		1	3	2	2	
Constitutional Syphilis								10		6			7	 ER	0.5	
All other Diseases	15	6	16	5	3	9	54	60	28	126	4	6	1	56	95	-
TOTAL	24	14	22	17	12	23	112	98	53	293	10	13	23	107	131	
	-		iouse.		-		o Wor		1	1		ved to	-	-	1000	al

ANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

e Week ending the 10th day of July, 1869.

-	-		-			_	-		_			-		_		-
	SALI	FOR	D.		H	ULM:	E.	CHO	RL- N.	ARD- WICK	PE	NDL	BUR	& Y		
		329				477.		64		508.			2650	UD-SACTON!	Area in Statute Acres.	
• • • •		967.				8,209	-	. 44,8	850.	21739			24,448		Population in 1861.	
R LA			UHLI			OR LA		riet.		riet.	Anccats ary.	0		eek		
-	_					1		Poor Law District		Poor Law District.		Union		= :	Ol laborat second rate	THS.
Ros	Road 2.	esno	sary	Gao	rge,	K.	lip's	ıw I	sary.	aw.	k & pens		71-1	ding W	DISEASES.	F
Regent Road.	Regent No. 5	Workhouse.	Dispensary.	Salford County Gaol.	George's.	Medlock.	Philip's	r La	Dispensary.	or L	Ardwick Dispe	Choriton Unic	Total.	spone last		DEA
Reg	Keg	Wo	Dis	Cou	St.	1000	St.			1000		5		Cerresponding last Yes	o republic platne	۵
17	18	19	20	21	22	23	24	25	26	27	28	29		5		
						2						1	12		Small-pox	
2		4	4		4				5				26	17	Measles	1
			6				2		1				18	47	Scarlet Fever	3
															Diphtheria	
													8	6	Whooping-cough	
															Croup	
2	2		3	5	2				5		1		81	243	Diarrhœa	2
							1						4	6	Dysentery	
															Malignant Cholera	
									1				2	10	Erysipelas	
		3	4		1								12	22	Continued Fever	
		PA	1				1	e9				d6	30	22	Typhus	3
	;							0.5								0
		••	1										2	6	Enteric or Typhoid	
			3						4				31	49	Febricula	
														1	Ague	
·		2				2				1			19	10	Rheumatic Fever	
															Puerperal Fever	
4	4		37	2	4	3	2	4	7	2	4	6	166	129	Bronchitis & Catarrh	6
													2	2	Influenza	
			3	1					1			1	21	15	Pleurisy & Pneumonia.	
1	1		14		2	3	1		1		1	6	74	61	Phthisis	14
			9		1			3			1	4	37	48	Constitutional Syphilis	1
10	11	10	55	2	6	4	4	14	33	7	15	53	10000	749	All other diseases	28
2			70		1	••	••	1	21		25	1	269	269	Accidents	
21	18		210	10	21	14	11	31	79	10	47	78	1457	1712	TOTAL	59
ir out	of one	e Fam	ily.	e l	Sight :	Remov	red to	Workl	house.	-						_

ndebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return af Birthe and Denthe in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F, Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple,	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Thishp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox. Measles Whooping-cough. Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes.	 1 2 4 9	8 1 1 1 10 13	 1 3 4 23		5 1		· · · · · · · · · · · · · · · · · · ·		 1 1 1 8 5	1 2 14 16	··· i ·· · · · · · · · · · · · · · · ·	15 3 7 9 7 59 107	9 3 24 62 14 51 133
TOTAL NO. OF DEATHS,	20	34	31	8	17	16	14	7	15	33	3	207	296
TOTAL NO. OF BIRTHS.	32	44	18	13	19	24	23	15	25	40	16	269	307

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1-81, 161639.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.
Population in 1861, 390,815.

Weeks ending 27th March.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	TOTAL.	DISEASES.	Weeks en ing 2 th March.	ending 1st	4 Weeks ending 29th May.	TOTAL
2	5	10	17	Small-pox	43	80	47	170
15	2.5	32	72		66	133	82	281
15 29	46	33	108	Scarlet Fever	68	85	54	207
5	1	5	11	Diphtheria	1	1		2
59 8	123	70	252	Whooping-cough	8	11	19	38
8	4	2	14		7		1	8
238	341	206	785		119	183	132	434
1			1		5	5	1	11
			82	Malignant Cholera				
21	32	29		Erysipelas	14	25	22	61
9	14	11	34		5.9	59	47	165
15			::	Typhus	73	97	51	221
15	5	1	21	Enteric or Typhoid	33	36	29	98
87	98	40	223	Febricula	150	193	114	457
::	22	1	1	Ague	**	22	::	
56	75	47	178	Rheumatic Fever	69	71	65	205
071	1100	010	2		3	1000	-0.0	3
871	1199	613	2686	Bronchitis and Catarrh	927	1027	669	2623
48	43	6 34	125	Influenza	14	102	**	24
112	139	84	335	Pleurisy and Pneumonia	283	399	72 227	251
28	17	16	000		116	152		909
3133	4746	3322		Constitutional Syphilis	3.91	4988	116 3579	384 12158
4746	6924	4562	16232	TOTAL	5726	7656	5328	18710

FALL OF RAIN IN MARCH. Inches. Wet Day- Penketh 2:726 15 Eccles 2:292 15 Old Tratlord 2:096 14 balford 2:176 14 Wilmslow Royton	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles,	Wilmslow, J. Thompson, Esq.	Royton, J. HEAF, Esq.	Penketh, Warrington L.W.Reynolds Es
Heightof barometer cisternabove sea level. Barometer. Mean @32°F., and reduced to sea level. Highest. Unreduced \ Lowest \ Range Temperature. Adopted Mean Range for Week. Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000).	25:5 13:5 75:5 50:0 50:4 6ns. 0:715	123 ft. 1Ns. 1035 374 2:721 053 62:6 32:7 18:6 79:7 47:0 51:1 0RS. 0:666	145 ft. 1NS. 30-026 30-319 29-723 0-596 61-5 24-7 15-2 74-8 50-1 52-9 GRS. 0-740	NO RETURN.	NO RETURN.	NO RETURN.
Prevailing Winds Rain Ozonometer Moffat Schonbein	SW 0-578	SW,S 0 500 5.57 1.29	8W 0·481 3·28		ein săi	AND HON

COMMUNICATED TO THE

Manchester und Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, JULY 17, 1869.

No. 468.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, July the 17th, 1400 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1457, and in the corresponding week of last year it was 1721. The deaths in public practice during the week amounted to 63, being in the proportion of 1 death to every 22 cases.

The present return is satisfactory.

There is this week a decrease in the number of cases of all the diseases of the zymotic class, excepting Whooping-Cough and Diarrhea.

Small Pox still prevails chiefly in Manchester, 8 cases were observed there and 2 in Salford, the other districts being free from the disease.

There is a considerable decline in the number of Measles cases, 12 being returned instead of 26. This disease was pretty generally distributed during the week.

There is a decrease of 4 in the cases of Scarlatina,—14 were observed; 5 of these occurred in Manchester, 5 in Salford, and 2 each in Hulme and Chorlton. In the corresponding week of last year the number was 52.

The cases Diarrhœa and Dysentery have risen from 85 to 100. In the corresponding week of last year the number was 267.

The fever return is very satisfactory, 13 cases only having occurred in the public practice of the week. Four of these were assigned to Continued Fever, 8 to Typhus, and 1 to Typhoid Fever. In the corresponding week of last year 68 cases were returned.

The cases of Bronchitis and other acute chest diseases have fallen from 189 to 150.

DEATHS.—The Number Registered in Manchester and Salford, and their Causes.

This week 225 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Fifty-six deaths were caused by Diseases of the Lungs, 24 by Diarrheea, 12 by Measles, 10 by Fever, and 8 by Scarlatina.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 66.9°; at the Salford Observatory it was 63.1°; at Eccles 62.5°; and at Old Trafford, 63.4°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC IN

New Cases of Disease coming under Treatment

							MAN	сн	ESTI	ER.					423	
Area in Statute Acres Population in 1861						1	Manch			rnship		,645 ,050				
		Poo	or La	w Di	STRIC	TS.	-			Pui	sLic]	Insti	TUTIO	NS.		
7, 1860 No. 488.		8 4	60	1111	1	8			R	OYAL	INFE	RMAR	v.	Сип	DREN	
DISEASES.	1 St. Peter's	St. Andrew'	ω St. George's	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	J Workhouse.	ω In-	6 Out-	O District I.	11 District	District	St. Mary's Hospital.	Clinical Hospital.	City Gaol.
Small-pox								3	4		b1					
Measles				2	1		3							1		
Scarlet Fever									1					2	2	
Diphtheria																
Whooping-cough													1		7	
Croup						1	1									
Diarrhœa	1	1			2	1	5	1		2				29	21	13
Dysentery	al		1	1		1	4									
Malignant Cholera			10													
Erysipelas																
Continued Fever		al					1									
Typhus								2								
Enteric or Typhoid																
Febricula					1	3	4					1	2	5	2	3
Ague																
Rheumatic Fever					1		1			2			1			
Puerperal Fever																
Bronchitis and Catarrh	1	2		1	1	2	7	7		14	3	2	3	9	13	4
Influenza																
Pleurisy and Pneumonia						1	1	3		2	**	5	3	1	5	1
Phthisis		1		1		3	3	5 7	1	21 8	2				1	3
All other Diseases	8	5	6	8	4	5	36	57	18	150	2	4.	5	55	86	6
Accidents		1		1		2	3	2	16	130						
TOTAL	11	11	7	13	10	20	72 Small i	87		329	8	12	16	103	137	30
a Removed	20 W	ZAIIOI		0.1	COLITOV	eu 10 :	-		-	flicer	e to	anhas	n th	a Ass	socia	tion

Medical Officers to whom the Association

(1) Mr. R. M. MANN. (2) "J. BROADBENT, (3) "EDWARD MEACHAM, (4) "JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD. (7) Mr. J. WESTMORELAND, (8) "J. P. SLEIGHTHOLME,

(9) (10) (11) (11) (12) (12) Mr. W. H. CARRUTHERS, ., J. PORTER, ., C. CURRIE RISCHIE,

(13) Mr. H. RUNCORN. (14) ", W. M. MACCAL (15) ", J.OGDEN FLET (16) Dr. A. C. CLARKE,

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

ANITARY ASSOCIATION.

NS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 17th day of July, 1869.

-	THE OWNER WHEN	-	-	Distance of the last	_	-	-	-	-	-	-		-	_	the same of the sa	-
	SA L	FOR	D.		B	ULM	E.	CHO	RL-	ARDWICK	PE	ENDI ENDI	.ETON	& Y		
	1.3	329				477.		64	6	508.			2650		Area in Statute Acres.	
	1000	967.			10000		3 10 10	44,		21739			24,448		Population in 1861,	
	w		PUBLI			os L.		75		17	ats	1	1	1-4		
1	ICT	INS	TITUT	ICNS.	-	STRIC	TS	District		stri	10	Union		Wee		is
DEC.	Road 2.	86.	1	daol	George's.		80	D	Ė	r D	wick & Ane Dispensary.			ng ear		THE
10	o. 2	hou	nsa	Salford nty Gao	eorg	ock.	Philip's	Lav	กรล	Lav	ick	lton orkh	D-4-1	st Y	DISEASES.	1
Regent Road.	Kegent No.	Workhouse.	Dispensary.	Salford County Gaol	St. G	Medlock.	St. P	Poor Law	Dispensary.	Poor Law District.	Ardwick Dispe	Choriton	Total	Cerresponding W	at a second section	DE
7	18	19	20	21	22	23	24	25	26	27	28	29		Cerr	give a paresympt	-
-	-		20	21	-	20	-	20	-	-		20		-		-
	1		1										10		Small-pox	
1			2				1	1	1		1	1	12	17	Measles	1
			5		1		1		2				- 14	52	Scarlet Fever	
															Diphtheria	
			1										9	5	Whooping-cough	
												-,	1	1	Croup	1
1		1	7	6	1			1	1		2	5	96	258	Diarrhœa	2
													4	9	Dysentery	
														1	Malignant Cholera	
				1									1	6	Erysipelas	
		1	2										4	35	Continued Fever	
							1	a3				2	8	27	Typhus	3
			1										1	6	Enteric or Typhoid	1
			4			1	2	4	4		1	1	34	35	Febricula	
															Ague	
													4	8	Rheumatic Fever	
															Puerperal Fever	
4	2		32	2	1	2	1		3	2	5	11	127	107	Bronchitis & Catarrh	4
														6	Influenza	
			3	1			1	.:	1		2	2	23	13	Pleurisy & Pneumonia.	2
2	2	••	9		1	1		1	3		2	5	69	73	Phthisis	16
	7.0		8	2			.:	**	1		1	2	37	32	Constitutional Syphilis	1
0	10	9	82	3	3	5	7	15	28		15	40		716	All other diseases	31
1			71			••		1	22		39	3		3.6	Accidents	1
9	15	11	228	15	7	9	14	26	66	2	68	72	1400	1721	TOTAL	63
-																

ebted for the annexed Returns.

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON, (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) 26) Mr. A. VEITCH 21) Dr. BRADDON,

Weckly Return of Births and Denths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Upple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Huime Township, Mr. Sorby.	Ardwick Thishp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles	1 3	3 2	1			::		i	ï	2	::	12	6
Whooping-cough Scarlatina		2		::	i		ï	::	ï	4	::	2 8 24 10 56	21
Diarrhœa	9	1	2 5	1	1	7	1 2	i	7	1		10	21 101 13 41 131
Diseases of the Lungs Other causes	10 15	3	15 15	1 4	5 3	ii	114	10	9	ji 16	3	1:1	131
TOTAL No. OF DEATHS.	28	22	38	6	10	19	21	12	19	34	6	225	313
TOTAL No. OF BIRTHS.	37	42	22	17	13	23	32	13	35	51	20	301	262

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Murrle bone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1-61, 161630.

At Pauper, Charitable, and Public Institutions in Manchester and Salponb.
Population in 1861, 390,815.

Weeks ending 27th March.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	TOTAL.	DISEASES.	4 Weeks ending 27th March.			TOTAL
2	5	10	17	Small-pox	43	80	47	170
15	25	32	72		66	133	82	281
29	46	33	108	Scarlet Fever	68	85	54	207
- 5	1	5	11	Diphtheria	1 .	1	::	38
59	123	70	252	Whooping-cough	8	11	19	35
8	4	2	14	Croup	7		1	
238	341	206	785	Diarrhoa	119	183	132	434
1			. 1	Dysentery	5	5	1	10.00
	11			Malignant Cholera	14	25	22	61
21	32	29	82	Erysipelas	14	59	47	163
9	14	11	34		59	97	51	221
				Typhus	73	36	29	98
15	5	1	21	Enteric or Typhoid	150	193	114	457
87	93	40	225	Febricula	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100		40
		1	1	Ague	69	71	65	20.
56	75	47	178	Rheumatic Fever		1.1		-
1	1		2	Puerperal Fever		1027	669	262
874	1199	613	2686	Bronchitis and Catarrh	14	9	1	2-
48	10	6	21	The same of Property on a		102	72	25
48	43	34	125	Pleurisy and Pneumonia	283	399	227	505
112	139	84	335	Constitutional Syphilis	116	152	116	38
- 28	17	16	61	Accidents, and all other Discases	3591	4988	3579	12158
3133	4746	3322	11201	Accidents, and all other Discussion				
4716	6924	4562	16232	TOTAL	5726	7656	5328	18710

FALL OF RAIN IN MARCH. Inches. Wet Days. Penketh 2:726 15 Eccles 2:292 15 Old Trafford 2:096 14 Salford 2:176 14 Wilmslow Royton	Salford Dretecrologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.Mackerhese	Wilmslow, J.Tuompson, Esq.	Royton, J. Hear, Esq.	Penketh, Warrington L.W.Reynolds Esq.
Height of barometer cisternabove sea level Barometer. Mean @ 32°F., and reduced to sea level	108 ft. 188, 30-207 30-309 30-007 0-302	123 ft, 188, 30:205 30:328 29:986 6:342	145 ft. 1NS. 30-107 30-309 30-007 0-302	251 ft. INS.	544 ft. INS.	43 ft. 1 Ns. 30·205 30·336 30·100 0·296
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere Degree of Humidity (Saturation—1,000)	34:1 17:6 84:9 50:8	63:4 42:5 22:6 89:5 47:0 54:6 0.R8. 0.734	62:5 42:1 21:8 87:8 45:7 52:3 GRS. 0:695	NO RETURN.	NO RETURN.	64:2 50:4 29 8 91:4 41:0 56:3 GRS. 0:755
Prevailing Winds		SW 1.29 0.29	W,NW	L best	Memoli M. 2015	NW,N

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, JULY 24, 1869.

No. 469.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, July the 24th, 1441 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1400, and in the corresponding week of last year it was 1884. The deaths in public practice during the week amounted to 51, being in the proportion of 1 death to every 28 cases.

Small-Pox which has been prevalent in Manchester and Salford for many months is declining, the numbers for the last three weeks being 12, 10, and 3,—1 of the 3 cases occurred in Manchester and the remaining 2 in Salford.

There is this week a slight rise in the cases of Measles, 18 being returned instead of 12. This disease continues to be generally distributed over the several districts.

Scarlatina still holds its ground; this week the cases have risen from 14 to 20. In the corresponding week of last year the number was 48.

There is an improvement under Whooping-Cough, the number of cases having fallen from 9 to 5.

The most unsatisfactory return is that of Diarrhœa and Dysentery; 137 cases occurred during the week in public practice, being 37 more than in the preceding return. This disease is however by no means so prevalent as it was last summer. In the corresponding week of last year there were 367 cases.

The fever return is not so satisfactory as it was last week, 27 cases were observed. Fourteen were assigned to Continued Fever, 6 to Typhus, and 7 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have fallen from 150 to 132.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 294 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. The high rate of mortality of the week was caused by an increase in the number of deaths from Diarrhæa, Diseases of the Lungs, and other diseases not classified.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 66.0°; at the Salford Observatory it was 64.9°; at Eccles 64.6°; and at Old Trafford, 65.4°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC II

New Cases of Disease coming under Treatment

Area in Statute Acres							Mane		EST		n	1,645				
Population in 1861								,	1 10	,,	•	5,050				
		Po	or L	w D	ISTRI	cts.				Pu	BLIC	Insti	TUTIO	ons.		
Mos on Apply	-	W's	100			el's		. 0	F	COYAL	Infi	RMAR	y.	-	DREN	-
DISEASES.	I St. Peter's	N St. Andrew's	& St. George's	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	Workhouse.	co In-	6 Out-	O District I.	11 District	District III.	E St. Mary's Hospital.	7 Clinical Hospital.	
Small-pox						1	1									-
Measles					2		2							3	1	
Scarlet Fever	al						1	2						1	2	
Diphtheria																
Whooping-cough															5	
Croup																ı
Diarrhœa	2	3	1		4	5	15	1		6			1	35	33	ı
Dysentery						1	1	1		1						
Malignant Cholera																ı
Erysipelas	1	1		1			3	1	1		1					
Continued Fever				al	al		2									İ
Typhus					al		1		1		61	1				1
Enteric or Typhoid								1	2				c2			ı
Febricula	2				1	2	5	1			1	2		10		ı
Ague																1
Rheumatic Fever				1.	1		1	1	1	10	2		1			
Puerperal Fever																
Bronchitis and Catarrh	2	2				2	6	4	1	19	3	1	3	3	10	
Influenza																
Pleurisy and Pneumonia	1					1	2		2				1		3	
Phthisis		1					1	7	1	30				1	4	
Constitutional Syphilis All other Diseases	16	4	8	11	4	7	50	10		7					2	
Accidents	2	4		11	*	1	3	6	23	93	3	6	4 2	43	91	
TOTAL	27	11	9	13	14	20	94	110		300	11	10	14		150	-
a Removed to		-	ю.	_			oyal Ir	E 7	-			oved to			2.00	
	Dr. L	CTAV EDW.	ARD,			(9) (10) (11)	Mr. W	н. с	ARRI	ficer.		(13 (14 (15) Mr.	H. R W. M	UNC.	oc

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door

ANITARY ASSOCIATION.

DNS OF MANCHESTER AND ADJOINING DISTRICTS

e Week ending the 24th day of July, 1869.

-	-		-	-	SARKONI	E-MUTHACI	-		-	-	_	-	-			~
	SAL	FOR	D.	1	H	ULM	E.	TO	RL- N.	ARD- WICK	PE	NDL	EBUR	& Y.		
		329 967.				477. 8,209		64		508. 21739			2650 24,448.		Area in Statute Acres. Population in 1861,	
R L			PUBLI		Po	or L.	AW			-	1	1	1		zopalacion in 1001,	
tstr	-	INS	TITUT		-	STRIC		District.		District.	Ancoats ary.	Union		Week		S.
Regent Road	Road	Workhouse.	Dispensary.	Salford County Gaol.	George's.	K.	Philip's	aw D	Dispensary.	aw I	wick & Anc Dispensary.	Chorlton Unio Workhouse.		Corresponding W	DISEASES.	ATHS.
gent	Regent No.	rkho	spens	Salford inty Ga	Geo	Medlock.	Phi	Poor Law	spens	Poor Law	Ardwick & Dispens	orlto	Total.	spon	(2.36)	Ш
				1	St	1	St.	000000		100000				orre		0
17	18	19	20	21	22	23	24	25	26	27	28	29				
			2										3	3	Small-pox	
1	1		5		1				2		1		18	21	Measles	1
			7		2			3	2				20	48	Scarlet Fever	1
														2	Diphtheria	
				.,									5	3	Whooping-cough	
											٠.				Croup	
1			5	8	1	1		4	3			10	134	360	Diarrhœa	2
1													3	7	Dysentery	
														1	Malignant Cholera	
					1		1		1				10	6	Erysipelas	
	3	3	3								3		14	20	Continued Fever	
			1									1	6	28	Typhus	
			1								1		7	9	Enteric or Typhoid	
	1		6					2	1			1	32	39	Febricula	
														2	Ague	
							1						17	10	Rheumatic Fever	
														1	Puerperal Fever	
4			30	3	1	2	1	3	1	2	1	6	130.01	106	Bronchitis & Catarrh	The state of
	5					1							8	7	Influenza	
			6		2		1			1			17	7	Pleurisy & Pneumonia.	1
			10		1				2		2	8	70	85	Phthisis	13
			6	1		1		2	21	**	16	3	35	53	Constitutional Syphilis	1
10	4	5	64 73	1	4	3	8		29	2	16 33	60	615 320	S06 280	All other diseases	27
17	14		219	13	13	8	12	25	62	5	57	90		1884		
11	7.4 1	0	220	10 1	10	0	12		02	0	07	017	1441	1004	TOTAL TOTAL	

debted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX, WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

e report of the Association, and has, as far as practicable, been taken into account in the conclusion

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnc.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes		4 2 7 2 14 15	1 2 9 9 18	 8 4 7	 5 8	1 .8 2 14	2 4 1 5 12	1 1 1 1 1 6	1 1 1 1 1 7 14	 1 3 2 14 18	··· 1 ··· 2 2 2 1 8	10 2 8 57 9 72 136	8 3 49 98 13 39 127
TOTAL No. OF DEATHS.	38	44	39	19	18	25	24	10	25	38	14	294	337
TOTAL No. of BIRTHS.	31	37	19	9	8	47	29	23	23	22	20	268	330

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in MANCHESTER and SALFORD.
Population in 1861, 390,815.

5 Weeks ending 1st May.	4 Weeks ending 29th May.		TOTAL.	DISEASES.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	4 Weeks ending 26th June.	TOTAL
5	10	7	22	Small-pox	80	47	48	175
25	32	24	81		133	82	82	297
46	33	46	125	Scarlet Fever	85	54	60	199
1	5	7	. 13	Diphtheria	1	**		1
123	70	118	311	Whooping-cough	11	19	29	59
4	2	2	8	Croup		1	3	4
341	206	338	885	Diarrhœa	183	132	159	474
		2	2		5	1	6	12
32	29			Malignant Cholera	2.2	22	1	1
		18	79	Erysipelas	25	22	14	61
14	11	12	37		59	47 51	41 57	147 205
5	i	*:	10	Typhus	97 36	29	12	77
98	40	47	185	Enteric or Typhoid	193	114	169	476
77	40	4/	5	Febricula			103	1,0
75	47	34	156	Rheumatic Fever	7i	65	73	209
1	7		1	Puerperal Fever		-	1	1
1199	613	560	2372	Bronchitis and Catarrh	1027	669	643	2339
10	6	4	20	Influenza	9	1	4	14
43	34	37		Pleurisy and Pneumonia	102	72	73	247
139	84	92	315		399	227	268	894
17	16	23	56	Constitutional Syphilis	152	116	122	390
4746	3322	3585	11653	Accidents, and all other Diseases	4988	3579	3924	12491
6924	4562	4964	16450	TOTAL	7656	5328	5790	18774

	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles , Т.МаскеветиЕво	Wilmslow, J. Thompson, Esq.	Royton, J. Hear, Esq.	Penketh, Warrington L.W.ReynoldsEsq.
Heightof barometer cisternabove sea level	108 ft. 188, 30-032 30-085 29-885 0-200	123 ft, 1N8, 30·039 30·156 29·864 6·292	145 ft. INS. 30-032 30-085 29-885 0-200	251 ft. INS.	544 ft. INS.	43 ft. 1Ns. 30·030 30·210 29·966 0·244
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000)	27.0 16.4 81.9 54.9 54.8	65:4 38:4 26:0 89:4 51:0 55:2 GRS. 0:704	64.6 31.0 21.3 81.9 50.9 54.0 GRS. 0.686	NO REFURN.	NO RETURN.	66.9 35.0 24.9 85.2 50.2 58.1 Gus. 0.735
Prevailing Winds		SW 0.066	SW 0.045			SW 0-035
Moffat		1·28 0·29	0.71			::::

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, JULY 31, 1869.

No. 470.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, July the 31st, 1532 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1441, and in the corresponding week of last year it was 1843. The deaths in public practice during the week amounted to 52, being in the proportion of 1 death to every 29 cases.

Small-Pox remains much the same as it was last week, 4 cases being returned instead of 3. Two of these cases occurred in Manchester and the other 2 in Salford.

There is a slight decline in the cases of Measles, the number having fallen from 18 to 15. This disease continues to be pretty generally distributed over the several districts.

There is a decrease of 3 in the number of Scarlatina cases—17 were observed during the week. In the corresponding week of last year the number was 44.

The cases of Whooping-Cough are twice as numerous as in the preceding week. Eight of the 12 cases were treated at the Clinical Hospital.

The fever return is the same as that of the preceding week. Eleven of the 27 cases were assigned to Continued Fever, 14 to Typhus, and 2 to Typhoid Fever.

The cases of Diarrhea and Dysentery have risen from 137 to 177. Seventy-two of the cases were treated at St. Mary's and the Clinical Hospitals. In the corresponding week of last year the number was 340.

Bronchitis and other acute chest diseases continue to be unusually prevalent for the season, 145 cases were observed during the week, being an increase of 13 upon the previous return. In the corresponding week of last year the number was 105.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 304 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-three deaths were caused by Diarrhæa, 51 by Diseases of the Lungs, and 9 each by Measles and Scarlatina.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 64.0°; at the Salford Observatory it was 60.8°; at Eccles 60.2°; and at Old Trafford, 61.7°.

JOHN ROBERTS, M.D., Hon. Sec.

OMMITTEE ROOMS.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment During to

HUMBIODER A. I.		M					MAI	NCH.	EST	ER.	711	1011	H	II.		
Area in Statute Acres Population in 1861							Manel			vnship	5000000	,645 ,050				
		Po	OR LA	w D	STRI	CTS.				Pu	BLIC	Insti	TUTIO	NS.		
Commission of the		200	80			l's	1		R	OYAL	Infi	RMAR	y,	Сніг	DREN	
DISEASES.	I St. Peter's	St. Andrew'	₩ St. George's	A Cathedral	on St. Jude's	9 St. Michael's	Total of Districts.	Workhouse.	co In-	6 Out-	O District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.	1000 44:0
Small-pex	-				-	-:	-	-	2	-						-
provide a country of the second	D E			1	1	114	3			Min		1	2	2		
And the first of the second second second	1	**	*	1	1					61 1		1		1	3	
Scarlet Fever		1	,				2							1		1
Diphtheria																1
Whooping-cough		1					1								8	
Croup														••		1
Diarrhœa	4	7	3	6	7	7	34	3		2	1		1	42	30	1
Dysentery	1						1									1
Malignant Cholera																
Erysipelas								1			1					1
Continued Fever			3				3									
Typhus						1	1	2	4			2	2			
Enteric or Typhoid																
Febricula		n'in			MAN	2	2	2		1		1		4	1	
the second contract of the second						1000										
Ague										1						
Rheumatic Fever								1	1	1			2			
Puerperal Fever			••													
Bronchitis and Catarrh	.:	1		1	2	3	7	4	2	17	1	1	1	4	8	
Influenza																-
Pleurisy and Pneumonia							5	6	1	26		3	2	4	1	-
Phthisis	al	2			1	1		8		4						-
All other Diseases	5	4	8	1	6	14	38	79	24	174	8	5	11	55	73	
Accidents		1				1	2	4	19	128		1				-
TOTAL		17	15	9	17	29	99	111	53	354	11	14	21	112	124	1
a Removed to Workhou	180.						10137	9.84								

Medical Officers to whom the Association

⁽¹⁾ Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME, (8) ,, J. P. SLEIGHTHOLME, (12) Mr. W. H. CARRUTHERS, (111) Mr. W. H. CARRUTHERS, (12) ,, J. PORTER, (12) ,, C. CURRIE RITCHIE,

⁽¹³⁾ Mr. H. RUNCOR (14) ,, W. M. MACC (15) ,, J. OGDEN FLI (16) Dr. A. C. CLARKI

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

ending the 31st day of July, 1869.

-	-	-	-	-	-	-	-	THE REAL PROPERTY.	DECHEMA	-	-	Maria and A	_		-		-
		SAL	FOR	D.		H	ULM	E.	СПО	RL-	ARD- WICK			LETON EBUR			
ŀ			329 967.				477. 8,209				508. 21739			2650 24,448.		Area in Statute Acres. Population in 1861.	
	R LA			Publi TITUT			or L.		District.		triet.	Ancoats	uc		eek		
	Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law	Dispensary.	Poor Law District.	Ardwick & Dispens	Che	Total.	Corresponding W last Year.	DISEASES.	DEATHS.
3	17	18	19	20	21	22	23	24	25	26	27	28	29		3		
				2										4	2	Small-pox	
H				4		1				-1		1		15	15	Measles	
				4						6	1			17	44	Scarlet Fever,	1
Ш																Diphtheria	
				2						1				12	2	Whooping-cough	
ı															1	Croup	
	7	3		9	6		1		6	9	1		11	176	340	Diarrhœa	5
														1	17	Dysentery	
																Malignant Cholera	
										1				3	3	Erysipelas	
			3	4				1						11	25	Continued Fever	
ı				1					1					14	35	Typhus	1
	1											1		2	7	Enteric or Typhoid	
				5				2	1	2			11	25	47	Febricula	
																Ague	
					2		1							9	6	Rheumatic Fever	
Ш																Puerperal Fever	
	1	2	,.	37	3	2	2	2	5	7	4	5	13	131	94	Bronchitis & Catarrh	1
															2	Influenza	
	1			5				1		1				14	9	Pleurisy & Pneumonia.	
	3	1		10					1	3		2	5	69	62	Phthisis	9
				7					3 18	22	5	2	67	30	54	Constitutional Syphilis All other diseases	28
	11	17	ò	68	3	4	9	9	3	18		13	3	739 261	752 326	Accidents	4
-	•••	•••				1		15				_		-		TOTAL	
H	24	23	8	223	14	8	14	15	38	71	11	37	104	1532	1843	10141	- 20

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) , JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

the report of the Association, and has, as far as practicable, been taken into account in the conclusion wn from the weekly returns.

Weekly Return of Births and Deaths in Mauchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Thpple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough. Scarlatina Diarrheea Fever Diseases of the Lungs Other causes.	3 19 1 14 15	2 1 3 14 7 15	··· 4 ·· 5 13	 10 1 1 4 10	2 1 3 3 13	2 1 10 1	 		 4 2 14	3 2 14 9 20	·· · · · · · · · · · · · · · · · · · ·	2 9 1 9 93 4 51 135	8 3 28 87 19 41 139
TOTAL No. OF DEATHS.	53	42	22	25	22	23	27	7	20	48	15	301	325
TOTAL NO. OF BIRTHS.	46	41	15	15	24	32	39	13	38	18	25	306	301

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, LONDON.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

5 Weeks ending 1st May.	4 Weeks ending 29th May.		TOTAL.	DISEASES.		4 Weeks ending 29th May.	4 Weeks ending 26th June.	TOTAL
5	10	7	22	Small-pox	80	47	48	175
25 46	32	24	81		133	82	82	297
46	33	46	125	Scarlet Fever	85	54	60	199
1	5	7	13	Diphtheria	1			1
123	70	118	311	Whooping-cough	11	19	29	59
4	2	2	8		**	1	3	4
341	206	338	885	Diarrhœa	183	132	159	474
		2	2		5	1	6	12
::	::	::	79	Malignant Cholera			1	1
32	29	18	79	Erysipelas	25	22	14	61
14	11	12	37		59	47	41	147
5	*:	15	::	Typhus	97	51	57	205
98	1	47	10	Enteric or Typhoid	36	29	12	77
2000	40	-	185	Febricula	193	114	169	476
75	47	34	156	Ague	::	::	1	1
10	41	31	199	Rheumatic Fever	71	65	73	209
1199	613	560	2372	Puerperal Fever	1000	000	1	2220
10	6	4	200	Bronchitis and Catarrh	1027	669	643	2339
43	34	37		Influenza	102		4	14
139	84	92	315	Pleurisy and Pneumonia	399	72	73	247
17	16	23		Constitutional Syphilis	152	227	268	894 390
4746	3322	3585		Accidents, and all other Diseases	4988	116 3579	122 3924	12491
6924	4562	4984	16450	TOTAL	7656	5328	5790	18774

Aque	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MACKERETHESQ	Wilmslow, J. Thompson, Esq.	Royton, J. Hear, Esq.	Warrington L.W.Reynolds Esq.
Heightof barometer cisternabove sea level	108 ft. 288, 29:885 29:919 29:687 0:232	123 ft. INS. 29:877 29:935 29:714 6:221	145 ft. 1NS. 29-885 29-919 29-687 0-232	251 ft. INS.	544 ft. INS.	43 ft. 188. 29-864 30-002 29-752 0-250
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000)	23·8 13·7 72·8 49·0	51·7 31·0 19·6 76·0 45·0 53·1 ors.	60·2 30·7 17·1 74·7 44·0 51·6 GRS. 0·730	NO RETURN.	NO RETURN.	63:4 38:2 21:6 77:8 39:6 55:1 GRS. 0:749
Prevailing Winds Rain Ozonometer. Moffat Schonbein	W,SW 0.538	S,SW 0·565 2·71 0·57	W,8W 0·596 2·00		MARKE MARKET	8W 0-392

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.]

WEEK ENDING SATURDAY, AUGUST 7, 1869.

No. 471.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, August the 7th, 1492 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1532, and in the corresponding week of last year it was 1844. The deaths in public practice during the week amounted to 52, being in the proportion of 1 death to every 28 cases.

The decrease reported in the cases of Small-Pox in the return for the week ending on July the 24th, has given place to a slight but steady increase in the return of this disease,—the numbers for the last three weeks being 3, 4, and 6. This disease is still confined to Manchester and Salford; five of the cases occurred in the former and 1 in the latter Township.

There is a decided decline in the cases of Measles, the numbers for the last three weeks being 18, 14, and 12 respectively. Five of the 12 cases occurred in Manchester, 5 in Salford, and 2 in Hulme.

There is also a marked improvement under Scarlatina, the numbers for the last three weeks being 20, 17, and 15. Eight of the 15 cases occurred in Manchester, 4 in Salford, and 3 in Chorlton.

Whooping-Cough remains much the same as in the previous week, 11 cases being returned instead of 12.

The fever return is not satisfactory, the number of cases having risen from 27 to 33. Nine of these were assigned to Continued Fever, 19 to Typhus, and 5 to Typhoid Fever.

Diarrhea and Dysentery are increasing in prevalency, the number of cases has risen from 177 to 206. In the corresponding week of last year the number was 384.

There is a slight decrease in the cases of Bronchitis and other acute chest diseases, 141 being returned instead of 145.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 286 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-four deaths were caused by Diarrhoea, 49 by Diseases of the Lungs, 6 by Fever, 5 each by Scarlatina and Whooping-Cough, and 4 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 59.8°; at the Salford Observatory it was 56.8°; at Eccles 56.6°; and at Old Trafford, 57.0°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment D

Area in Statute Acres Population in 1861							Mane					,645		• • • • •	
ropulation in 1001	-	-	or La	-	-	_	,	,	,	Pu		Insti	TUTIO	ons.	
							1		R	OYAL	Infi	RMAR	у.	Сни	DREN
DISEASES.	1 St. Peter's	N St. Andrew's	& St. George's	A Cathedral	cn St. Jude's	9 St. Michael's	Total of Districts.	4 Workhouse.	co In-	6 Out-	O District I.		District III.	190	
Small-pox		1		1			2	2			b1				
Measles		2	1			1	4								
Scarlet Fever			3				3					2	1	1	1
Diphtheria															
Whooping-cough									1					1	7
Croup															
Diarrhœa	1	6	2	1	8	3	21	2		16				37	33
Dysentery										3	1				
Malignant Cholera								1.0							
Erysipelas						1	1								
Continued Fever								1							
Typhus					al		1	2	5		61	3	61		
Enteric or Typhoid		al					1	1							
Febricula	1					2	3	1					1	6	
Ague															
Rheumatic Fever										2	1		3		
Puerperal Fever															
Bronchitis and Catarrh	1	2			1	4	8	6		30	1	1	2		7
Influenza															
Pleurisy and Pneumonia						1	1		1						3
Phthisis					1		1	7		32	1	4	2	2	
Constitutional Syphilis								10		3				1	1
All other Diseases	12	5	11	11	8	7	54	42	4.00	142	3	8	4	62	70
Accidents	1					2	3	8	12	111	1		2		
TOTAL	16	17	17	13	19	21	103	82	35	339	10	18	16	110	122

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

(9) (10) (11) (11) (12) (12) Mr. W. H. CARRUTHERS, (11) ", J. PORTER, (12) ", C. CURRIE RITCHIE,

(1) Mr. R. M. MANN. (2) , J. BROADBENT, (3) , EDWARD MEACHAM, (4) , JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME, (13) Mr. H. RUNCORI (14) ", W. M. MACCA (15) ", J. OGDEN FLE (16) Dr. A. C. CLARKE

ANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Veek ending the 7th day of August, 1869.

-	-			MINISTRE	-	-	-	-	-	-	-	-	-	01		
	SAL	FOR	D.		BI	ULM:	Е.	CHO TO		ARD- WICK		NDL	ETO N EBUR	& Y.		
		967.			900000	477. 8,209		64					2650 24,448.		Area in Statute Acres. Population in 1861.	
R LA			Publi Titut			or L		trict.		strict.	neoats	uo.		reek		
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.		Cho	Total.	Corresponding W last Year.	DISEASES.	DEATHS.
17	18	19	20	21	22	23	24	25	26	27	28	29	Ances II	0		
			1										6		Small-pox	
2			3		1	1							12	14	Measles	1
			4						3				15	26	Scarlet Fever	1
															Diphtheria	
									3				11	3	Whooping-cough	
														1	Croup	
8	1		12	7	6	5	3	5	14		3	20	195	373	Diarrhœa	8
1			1					2					11	11	Dysentery	
															Malignant Cholera	
													1	2	Erysipelas	
		5	2						1				9	19	Continued Fever	
	1				1							4	19	21	Typhus	1
1			1					1					5.	8	Enteric or Typhoid	1
4			3			2	2	аЗ	5				31	43	Febricula	
1													1		Ague	
													6	8	Rheumatic Fever	
															Puerperal Fever	
2	3		28	1		2	5		5	2	2	14	124	83	Bronchitis & Catarrh	1
														10	Influenza	
4			6	1									17	10	Pleurisy & Pneumonia.	1
1	1	1	9		1	1			2		4	5	74	60	Phthisis	7
			7			1		1			2	3	30	61	Constitutional Syphilis	2 22
	14	27	73	2	3	4	8	11 3	34	9	15	65		823	All other diseases	7
••	2	••	54		•••	••	3	-	16	1	24	2		268		
24	22	33	204	11	12	16	19	26	83	12	50	113	1492	1844	TOTAL	52

ndebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) , JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowet.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox. Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes.	 2 19 5 19	2 21 9	1 4 2 2 8 8	1 2 3 7	 1 5 4 8	2 1 1 8 1 2 9	··· ··· 1 12 2 ··· 13	 10	·· 1 ·; 7 ·. 6 13	11 15 1 16 19	··· 1 ··· 1 ··· 2 ··· 8	2 4 5 5 94 6 49 121	2 6 1 31 114 24 39 145
TOTAL NO. OF DEATHS.	45	40	17	13	18	24	28	10	27	52	12	286	362
TOTAL NO. OF BIRTHS.	37	31	15	15	15	45	41	23	31	50	25	328	322

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.
Population in 1861, 390,815.

Weeks ending 1st May.		4 Weeks ending 26th June.	TOTAL.	DISEASES.	5 Weeks ending 1st May.	4 Weeks ending 29th May.	4 Weeks ending 26th June.	TOTAL
5	10	7	22	Small-pox	80	47	48	175
25	32	24	81	Measles	133	82	82	297
46	33	46	125	Scarlet Fever	85	54	60	199
100	5	7	13	Diphtheria	1	::	::	1
123	70	118	311	Whooping-cough	11	19	29	59
341	206	338	885		183	132	3	474
011	7.77	2	2	Dysentery	5	102	159	12
	::			Malignant Cholera			1	1
32	29	18	79	Erysipelas	25	22	14	61
14	11	12	37	Continued Fever	59	47	41	147
**				Typhus	97	51	57	205
5	1	4	10	Enteric or Typhoid	36	29	12	77
98	40	47	185	Febricula	193	114	169	476
75	47	34	5 156	Ague	::	65	1	000
1			150	Rheumatic Fever	71	0.0	73	209
1199	613	560	2372		1027	669	643	2339
10	6	4	20	Influenza	9	1	4	14
43	34	37	114	Pleurisy and Pneumonia	102	72	73	247
139	84	92	315		399	227	268	894
17	16	23	56	Constitutional Syphilis	152	116	122	390
4746	3322	3585	11653	Accidents, and all other Discases	4988	3579	3924	12491
6924	4562	4964	16450	TOTAL	7656	5328	5790	18774

	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Ессіев, Т.МаскинктиЕво	Wilmslow, J.Thompson, Esq.	Royton, J. Hear, Esq.	Fenketh, Warrington L.W.Reynolds Esq.
Heightof barometer cisternabove sea level. Barometer. Mean @ 32° F., and reduced to sea level	108 ft. 188. 29:984 30:325 29:621 0:704	123 ft, INS. 29:992 30:298 29:620 0:678	145 ft. 1N8. 29-984 30-325 29-621 0-704	251 ft. INS.	544 ft. INS.	43 ft. 1NS. 29-977 30-375 29-702 0-673
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere.	18·5 13·4 68·5	57:0 26:2 17:4 72:0 45:8 51:0 GRS. 0:804	56.6 25.2 16.7 70.3 45.1 48.8 GRS. 0.750	NO RETURN.	NO RETURN.	59·5 30·9 20·6 72·0 41·1 51·6
Degree of Humidity (Saturation—1,000)	w,wsw 1.819	8,8W 1·537 1·86 0·43	W,WSW 1·829 2·42			0.753 W,NW 1.364

COMMUNICATED TO THE

Manchester und Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, AUGUST 14, 1969.

No. 472.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, August the 14th, 1490 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1492, and in the corresponding week of last year it was 1765. The deaths in public practice during the week amounted to 61, being in the proportion of 1 death to every 24 cases.

The present return is in many respects satisfactory.

Small-Pox continues to be restricted to the two townships of Manchester and Salford; 4 cases were observed during the week, being 2 less than in the preceding week.

The decline in Measles reported last week still continues, 8 cases being returned instead of 12; 6 of these occurred in Manchester and 2 in Salford, the other districts being free from the disease.

The return of Scarlatina cases is the same as that of the preceding week. The 15 cases that were observed were thus distributed:—7 in Manchester, 4 in Salford, 1 in Hulme, and 3 in Chorlton. In the corresponding week of last year there were 37 cases.

There is a marked decline in the cases of Whooping-Cough, the number having fallen from 11 to 2.

A very satisfactory feature in the return is the decrease under Piarrhœa; 166 cases were observed during the week, being 40 less than in the previous return. In the corresponding week of last year 270 cases of Diarrhœa were returned.

The fever return is unsatisfactory; 41 cases occurred during the week in public practice alone. Fourteen were assigned to Continued Fever, 18 to Typhus, and 9 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have fallen from 141 to 122.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 302 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-five deaths were caused by Diarrheea, 41 by Diseases of the Lungs, 14 by Fever, 9 by Scarlatina, and 6 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 58.5°; at the Salford Observatory it was 56.0°; and at Eccles 55.8°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC IN

New Cases of Disease coming under Treatment Du

THE PART OF THE PA	110	III.	419	0	I	011	MA	NCI	IEST	ER.			111	414	J.S.	
Area in Statute Acres Population in 1861	1						Mano	hest	er To	wnshi	-	1,645 5,050				
	. 18	Po	or L	aw D	ISTRI	CTS.				Pu	BLIC	Inst	ITUTI	ons.		
		8 4	100			1 20	1		I	COYAL	INFI	RMAE	v,	Сип	DREN	
DISEASES.	Peter's	Andrew'	George's	Iral	Jude's	Michael	of ts.	Workhouse.	13.	18.	et 1.	ict	iet .	ital.	cal ital.	Gaol.
a available.	St. Pe	St. Ar	St. Ge	Cathedral	St. Ju	St. M	Total of Districts.	7 ork	In-	Out-	District	District 11.	District III.	St. Mary' Hospital.	Clinical Hospital.	City
Chapiteble, and Pabric	1	2	3	4	5	6	T D	7	8	9	10	11	12	13	14	15
Small-pox								2								
Measles	1.		1		2		3							1	2	
Scarlet Fever			1	1.		1	1					2	2	2		
Diphtheria														dug		
Whooping-cough														1	1	
Croup																
Diarrhœa	7	7	2	1		6	23	4		1		3	1	33	23	4
Dysentery								1								
Malignent Cholera																
Erysipelas						1	1	1				2				
Continued Fever	al		1		a3		5		1			1				
Typhus							0.0	7	i			1	1			
Enteric or Typhoid	113	al					1	1	1		1					
Febricula			1	1		4	6		2	2			1	8	,	9
Ague				1						13						
													1	1		
Rheumatic Fever							1				2			1		
Puerperal Fever																
Bronchitis and Catarrh	1	2		2	1	2	8	8	1	14	4	1	2	4	2	3
Influenza																•••
Pleurisy and Pneumonia Phthisis	1			3			2	8		24	2	3	3	1		
Constitutional Syphilis	3					1	4	9		1				2	1	2
All other Diseases	10	6	14	10	5	9	54	61	28	140	6	2	10	52	so	4
Accidents	2	1				2	5	2	23	108	1					
TOTAL	25	17	20	18	11		117 Work	103	8 11 7 11 11	290	16	14	21	105	110	15

Medical Officers to whom the Association

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) , J. P. SLEIGHTHOLME,

(13) Mr. H. RUNGORN. (14) ", W. M. MACCAL (15) ", J. OGDEN FLET (16) Dr. A. C. CLARKE,

NITARY ASSOCIATION.

NS OF MANCHESTER AND ADJOINING DISTRICTS

eck ending the 14th day of August, 1869.

A bester	THE OWNER OF THE	article resident	APPENDING S	NAME OF TAXABLE PARTY.	STATE OF THE PARTY.	STATE OF THE PARTY.	THE RESERVE	CORNEL STATE	New years	ORDER CORE	Design Mark	MAN WAY	- THE RESIDENCE	-	NAME OF TAXABLE PARTY.	107
	SAL	FOR	D.		R	ULM	E.	CHO	RL-	ARD- WICK			EBUR			
	400.5	329 967.	1000			477. 8,209		64		508. 21739			2650 24,448.		Area in Statute Acres. Population in 1861.	
	A W		PUBL		Po	OR L	ΔW			-	-	1	1	eek	20/44400	
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Anecats	Chic		t Year.	DISEASES.	DEATHS.
17	18	19	20	21	22	23	24	25	26	27	28	29		3	of Letters of Health, San St.	
			2										4	3	Small-pox	
			2										8	9	Measles	
			4			1		1	2				15	37	Scarlet Fever	
															Diphtheria	
													2	4	Whooping-cough	
			2										2		Croup	
5	1		13	5	6	2	3		5		3	21	158	270	Diarrhœa	5
2			3				2				1		8	8	Dysentery	
						.,								1	Malignant Cholera	
									1		:		6	5	Erysipelas	
			7								1		14	22	Continued Fever	1
1			3					2	1			2	18	34	Typhus	5
3									1		1		9	18	Enteric or Typhoid	
2	1		5					1	5		2	1	39	52	Febricula	1
															Ague	
		1					1			1			.6	13	Rheumatic Fever	
														1	Puerperal Fever	
I	1		30	3		1		3	5	1	2	13	109	164	Bronchitis & Catarrh	3
														4	Influenza	
2	1		3 9		1			1	1 2		2	11	13 71	14 56	Pleurisy & Pneumonia. Phthisis	1 14
3			6	2			::	2				6	38	43	Constitutional Syphilis	
5	14	13	98	3	7	12	4	14	27	8	20	46		805	All other diseases	30
1			67	1	•••	1		1	17		19	5	-	264	Accidents	1
25	18	14	254	14 1	14	17	10	25	67	10	52	105	1490	1765	TOTAL	61
	39	100	1	-		-	AND DESCRIPTION	-	-	-	-	and the same				-

lebted for the annexed Returns.

(17) Dr. T. M. JOENSON, (15) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON.

(22) Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L. WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return of Birthe and Deat'is in Manchester and Salford.

Causes of Death.	Anconts District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Beansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowei.	Regent-rd. Dis., Mr. Tuppie.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Pever Diseases of the Lungs Other causes	1 1 19 1 5 19	1 1 12 2 7 14	 2 1 4 5 15	:: :: :: :: 11 4 4	1 1 4 2 4	1 15 1 1 16	9 4 2 10	1 2 	1 1 16	1 1 15 1 12 20	··· ·· · · · · · · · · · · · · · · · ·	6 2 9 95 11 41 135	2 6 1 31 114 24 39 145
TOTAL No. OF DEATHS.	46	39	27	20	12	31	26	16	23	30	9	302	363
TOTAL NO. OF BIRTHS.	41	40	13	12	11	30	20	26	30	53	20	296	322

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1961, 161639.

At Pauper, Charitable, and Public Institutions in Manchester and Salroud.
Population in 1861, 390, 315.

Weeks ending 1st May.	4 Weeks ending 29th May.	ending 26th June.	TOTAL.	DISEASES.	5 Weeks ending ist May.	4 Weeks ending 29th May.	4 Weeks ending 26th June.	TOTAL
5	10	7	22	Small-pox	80	47	48	175
25 46	33	21	81	Measles	133	82	82	297
46	33	46	125	Scarlet Fever	85	54	60	199
1 1	5	7	13	Diphtheria	1	::	**	59
123	70	118	311	Whooping-cough	11	19	29	
341	206	338	885		183	100	3	474
911		9	2	Dysentery	5	132	159	12
3,0740		-		Malignant Cholera		1	1	1,
32	29	is	79		25	22	14	61
14	11	12	37		59	47	41	147
				Typhus	97	51	57	205
5	1	4	10	Enteric or Typhoid	36	29	12	77
93	40	47	185	····· Febricula	193	114	169	476
75	1	34	5	Ague	22	::	1	1
10	47	94	156	Rheumatic Fever	71	65	73	203
1199	613	560	2372	Puerperal Fever Bronchitis and Catarrh	1027	639	013	0100
10	6	4	20	Influenza	1027	059	643	2139
43	34	37	114	Pleurisy and Pneumonia	102	72	73	247
139	84	92	315	Phthisis	399	227	268	8:4
17	16	23		Constitutional Syphisis	152	116	122	390
4746	3322	£585	11653	Accidents, and all other Diseases	4988	3579	3921	12491
6924	4562	4964	16450	TOTAL	7616	5328	5790	18774

The Property Contract of the C	Saiford Meteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.V.KENON, ESQ	Eccles, T.MackerethEse	Wilmslow, J. Thompson, Esq	Royton, J. Hear, Esq.	Penketh, Warrington L.W.Reynolds Esq.
Heightof barometer cistern above sea level. Barometer. Mean @32°F., and reduced to sea level. Highest	19/6	123 ft. 1Ns.	145 ft. 188. 29 848 30 183 29 495 0 688	251 ft. 1NS.	544 ft. INS.	43 ft. 188. 29:873 30:270 29:600 0:670
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Foint Hygron etrical condition of the Atmosphere Degree of Humidity (Saturation-1,000)	11·2 64·2	NO RETURN.	55.8 22.4 13.4 64.6 42.2 50.0 688. 0.818	NO RETURN.	NO RETURN.	59·2 23·1 14·7 70·0 46·9 52·8 ors. 0·798
Prevailing Winds Rain Ozonometer. Moffat Schonbeiu	N W 0.937		NW 1·215 3·43			NW 0.612

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, AUGUST 21, 1869.

No. 473.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, August the 21st, 1456 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1490, and in the corresponding week of last year it was 1684. The deaths in public practice during the week amounted to 48, being in the proportion of 1 death to every 30 cases.

The return for this week is unsatisfactory.

The cases of Small-Pox have risen from 4 to 12. Six of these occurred in Manchester, 5 in Salford, and 1 in Hulme.

There is a slight increase in the cases of Measles, 10 being returned instead of 8. This disease has been confined during the last fortnight to the townships of Manchester and Salford.

The cases of Scarlatina have declined from 15 to 12. Seven of these occurred in Manchester, 4 in Salford, and 1 in Chorlton. In the corresponding week of last year the number was 36.

The improvement in the return of Whooping-Cough reported last week has not been maintained, the number of cases having risen from 2 to 9; these were observed at St. Mary's and the Clinical Hospitals.

There is a decided decrease in the cases of Diarrhoa and Dysentery, 142 being returned instead of 166. In the corresponding week of last year the number was 211.

The fever return is not so high as it was in the preceding week. Thirty-six cases were observed during the week; 20 were assigned to Continued Fever, 11 to Typhus, and 5 to Typhoid Fever. In the corresponding week of last year the number of fever cases was 82.

The cases of Bronchitis and other acute chest diseases have risen from 122 to 147.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 253 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventy-three deaths were caused by Diarrhea, 28 by Diseases of the Lungs, 13 by Fever, 7 by Scarlatina, and 6 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 58.7°; at the Salford Observatory it was 57.8°; and at Eccles 57.3°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS.

MANCHESTER AND SALI

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment I

									EST						
Area in Statute Acres Population in 1861	-						Mane,	heste		wnshi	-	1,645 5,050			
		Po	OR L	w D	ISTRI	CTS.				Pu	BLIC	Insti	TUTIO	ons.	
NAME OF STREET	CONT.	N'8	8			el's		е.	R	COYAL	Infi	RMAR	v.	Снп	DRE
DISEASES.	St. Peter's	St. Andrew'	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out-	District I.	District II.	District III.	St. Mary's Hospital.	Clinical
and appeals to access was	1	2	3	4	5	6	_	7	8	9	10	11	12	13	14
Small-pox			35					2					4		
Measles				1	2		3					1		1	5
Scarlet Fever			2		i bai		2			1		1		1	1
Diphtheria									11.						1
Whooping-cough														3	
Croup													o		
Diarrhœa	1	2	2	3		2	10	4	1	6	1	1	1	39	2
Dysentery														3	
Malignant Gholera															
Erysipelas			- 0	nI.				1		1		1			
Continued Fever			2		2	2	6	2	1						
Typhus	••	1					1	4					2		
Enteric or Typhoid		2					2								
Febricula	2				1		3	2	1	3			1	12	
Ague															
Rheumatic Fever								1			1				
Puerperal Fever															
Bronchitis and Catarrh	3	1	1	1	1	1	8	6		17		4	6	2	10
Influenza															
Pleurisy and Pneumonia						4	4	2	1	1			2	.:	3
Phthisis Constitutional Syphilis			1				1	4 8		27 5	2	2	3	1	
All other Diseases	10	9	5	6	2	9	41	40	27	97	5	5	3	73	89
Accidents	1			1		2	4	3	15	158					
TOTAL	17	15	13	12	8	20	85	79	46	316	9	15	22	135	138

Medical Officers to whom the Associati

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),,J. P. SLEIGHTHOLME,

(10) (11) (12) Mr. W. H. CARRUTHERS, ", J. PORTER, ", C. CURRIE RITCHIE, (13) Mr. H. RUNCO (14) "W. M. MACO (15) "J. OGDEN FI (16) Dr. A. C. CLAR

SANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 21st day of August, 1809.

M. Property Co.	-	-	-	-	-	-	-	-	-	-	THE OWNER.	-		-		
	SAL	FOR	D.		H	JLM	Е.	CHO	RL- N.	ARD- WICK	PE		EBUR	Y.	The second secon	
	1,3	967.			6			64	300000	508. 21739			2650 24,448.		Area in Statute Acres. Population in 1861.	
R LA			'UBLI			or La		rict.		rict.	Anccats iry.	a l		eek		
Regent Road.	Road	Workhouse.	Dispensary.	rd Gaol.	George's.		Philip's	Poor Law District.	Dispensary.	Poor Law District.	N. S.	Choriton Union Workhouse.	Total.	Cerresponding We last Year.	DISEASES.	EATHS.
	Kegent No. :	1		Con	St.	Medlock.	St.	1000		12000	Ard	Cbc	Total.	crresp		DE
17	18	19	20	21	22	23	24	25	26	27	28	29		0	Id at notherwood	
2			2			1							12		Small-pox	
			3										10	11	Measles	
			4						1				12	36	Scarlet Fever	
													3		Diphtheria	
													9		Whooping-cough	
			2										2		Croup	1
2			15	8	3	1	2		3	1	1	12	138	211	Diarrhœa	4
			1										4	6	Dysentery	
															Malignant Cholera	
		1				1						1	6	7	Erysipelas	
		4	4				2				1		20	29	Continued Fever	
			2								2		11	36	Typhus	5
2								1					5	17	Enteric or Typhoid	2
			7			1	2		5		1	2	43	43	Febricula	
														1	Ague	
						1							3	12	Rheumatic Fever	
															Puerperal Fever	
1	5	1	33	4	1	2	1	3	6	4	1	8	127	154	Bronchitis & Catarrh	2
														4	Influenza	
		1	5						1				20	17	Pleurisy & Pneumonia.	2.03
1	2	2	13				1		2		1	2	64	69	Phthisis	10
1			8 55	1 4	5	8	11	1 10	24	**	1	60	33 632	27 688	Constitutional Syphilis All other diseases	22
10	10	24	76		1		3	1	11		24	3		316	Accidents	1
19	20		230	17	10	16	22	16	53	- 5	43	91		1684	TOTAL	48
13	20.1		200		0-0			65010		91111		100				

ndebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

he report of the Association, and has, as far as practicable, been taken into account in the conclusion wn from the weekly returns.

Weekly Return of Births and Deat'is in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Kowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	 4 .; 11 3 11	 4 8 3 2 13	 1 4 10 19	·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	··· ··· ··· ··· ··· ··· ··· ···	:: :: :: :: :: 3 3 9	1 1 8 1 8 1 2 18	 2 8	2 4 1 1 10	1 1 14 3 22	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	6 3 7 73 13 28 123	1 14 2 34 107 18 33 182
TOTAL NO. OF DEATHS.	30	30	34	4	17	26	31	10	18	41	12	253	396
TOTAL NO. OF BIRTHS.	51	42	22	13	12	47	36	24	33	50	19	349	361

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylabone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,315.

Weeks ending 1st May.	4 Weeks ending 29th May.		TOTAL.	DISEASES.	5 Weeks ending 1st May.		4 Weeks ending 26th June.	TOTAL
5	10	7	22		80	47	48	175
25	32	24	81		133	82	82	297
46	33	46	125	Searlet Fever	85	54	60	199
1	5	7	13	Diphtheria	11	ij	29	59
123	70	118	311	Whooping-cough		10	3	4
4	2	200	8		183	132	159	474
341	206	338	885 2	Dysentery		1	6	12
		*		Malignant Cholera			1	1
32	29	18	79	Erysipelas	25	22	14	61
14	11	12	37		59	47	41	147
7.55				Typhus	97	51	57	205
5	1	4	10	Enteric or Typhoid	36	29	12	77 476
98	40	47	185	Febricula	193	114	169	1/0
75	47	34	156	Ague	71	65	73	209
75	47	-	100	Puerperal Fever			1	1
1199	613	560	2372	Bronchitis and Catarrh	1027	669	643	2339
10	6	4	20	Influenza	9	ì	4	14
43	34	37	114	Pleurisy and Pneumonia	102	72	73	247
139	84	92	315		399	227	268	894
17	16	23	56	Constitutional Syphilis	152	116	122	390
4746	3322	3585	11653	Accidents, and all other Diseases	4988	3579	3924	12491
6924	4562	4964	16450	TOTAL	7656	5328	5790	18774

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

Andreas Alexandria and a second secon	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernom, Esq	Eccles, T.MACKERETHES9	Wilmslow, J. Thompson, Esq.	Fenketh, Warrington
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest	14·9 70·6 49·0	NO RETURN.	145 ft. 1N8. 30:347 30:335 30:219 0:086 57:3 28:6 20:0 73:5 44:9 53:0 GRS. 0:852	NO RETURN.	NO RETURN.
Prevailing Winds Rain Ozonometer Moffat Schonbein	W,WNW 0:030	Le di	W,WNW 0-051 0-42		

August, 21, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, AUGUST 28, 1869.

No. 474.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, August the 28th, 1442 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1456, and in the corresponding week of last year it was 1694. The deaths in public practice during the week amounted to 46, being in the proportion of 1 death to every 31 cases.

The present return is satisfactory.

Small-Pox has declined from 12 cases in the previous week to 2 in this one under notice. These were observed in the Townships of Manchester and Salford.

There is a decrease of 1 in the return of Measles,—9 cases were observed during the week. Seven occurred in Manchester and 2 in Salford.

The return of Scarlatina is the same as it was in the preceding week, 12 cases having occurred. Five were observed in Manchester, 4 in Salford, and 3 in Chorlton. In the corresponding week of last year the number was 55.

The number of cases of Whooping-Cough has risen from 9 to 10; 6 of these were treated at St. Mary's and the Clinical Hospitals, and 4 at the Chorlton Union Hospital.

There is a slight improvement in the return of Diarrhœa and Dysentery, the number of cases having fallen from 142 to 139.

There is a marked decrease in the number of fever cases, 27 being returned instead of 36. Eleven were assigned to Continued Fever, 7 to Typhus, and 9 to Typhoid Fever. In the corresponding week of last year the number was 100.

The cases of Bronchitis and other acute chest diseases have fallen in number from 147 to 114.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 238 deaths were registered in the eleven districts which supply returns to the Sanitary Association. Sixty-two deaths were caused by Diarrhæa, 47 by Diseases of the Lungs, 8 by Scarlatina, and 5 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 68.4°; at the Salford Observatory it was 64.2°; and at Eccles 64.8°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment D1

DISEASES.	in Statute Acres						Mane	nchester Township 1,645								
DISEASES.	ation in 1861		• • • • •		••••	• • • •	,	,	-	,,	188	5,050		• • • •	••••	
DISEASES.		P	oor L	AW D	ISTRI	CTS.		Public Institutions.								
Measles 1 3 2 6 </th <th>then aldebiands</th> <th>St. Andrew'</th> <th>St. George'</th> <th></th> <th>St.</th> <th>St.</th> <th>Total of Districts.</th> <th></th> <th>In- patients.</th> <th>Out- patients.</th> <th>District I.</th> <th>District II.</th> <th>District III.</th> <th>ob</th> <th>Clinical Hospital</th>	then aldebiands	St. Andrew'	St. George'		St.	St.	Total of Districts.		In- patients.	Out- patients.	District I.	District II.	District III.	ob	Clinical Hospital	
Measles 1 3 2 6 </td <td>-pox</td> <td></td> <td>76.0</td> <td>1</td> <td></td> <td></td>	-pox											76.0	1			
Scarlet Fever 1 1 2 2 Diphtheria		1	10			2	6	ont		pild		11	100		1	
Diphtheria	A soll 1981 sameline	11	30	lus n	Bio	200		9 3	7 11	Lne		100	179	1	1	
Whooping-cough	mob I to mean opening that	HI S	1 24	OF S	1 113	200	15 %	15.47	par ;			1047		Mal		
Croup <td< td=""><td></td><td></td><td>**</td><td></td><td></td><td></td><td></td><td></td><td></td><td>••</td><td></td><td>•••</td><td>***</td><td></td><td></td></td<>			**							••		•••	***			
Diarrhœa					••						••			1	5	
Dysentery						1								••		
Malignant Cholera <td>hœa</td> <td>1 8</td> <td>5</td> <td></td> <td>1</td> <td>3</td> <td>13</td> <td>3</td> <td></td> <td>10</td> <td>2</td> <td></td> <td>2</td> <td>41</td> <td>22</td>	hœa	1 8	5		1	3	13	3		10	2		2	41	22	
Erysipelas	itery									1						
Continued Feyer	nant Cholera				1.5	900			aut e							
Continued Fever	pelas				9185		16.11	1	**	1				100		
Typhus				6.21	11/2	Black	2	7.5	287	10		100		1	9	
Enteric or Typhoid	Depart to a fur of a long	OH I	Name of Street	1	1777		HIM		114 60			- Carp	1 016			
Febricula					n. A.				1			72.0				
Ague						10000	1					1				
Rheumatic Fever	2 being referred insta				2	4	3 11	1000			61	1	2	5		
Puerperal Fever	T PRODUCE OF BUILDING		"	7.			ila		150			w 18				
Bronchitis and Catarrh 2 1 1 4 9 12 3 1 Influenza 1	natic Fever								1	1	1	1				
Influenza	eral Fever						19.	1	1.11							
Pleurisy and Pneumonia	hitis and Catarrh	. 2			1	1	4	9		12		3	1	2	8	
Pleurisy and Pneumonia	nza							***								
Constitutional Syphilis 1 1 12 3 All other Diseases 14 4 6 9 12 45 58 24 156 3 2 8			19		210	1	1									
All other Diseases 14 4 6 9 12 45 58 24 156 3 2 8			100	2			2				2	1	4	4		
		3 237	10000	01		770	1		1705670			1000	47-5-70	40	1 04	
11 11 11 11 11 11 11 11 11 11 11 11 11				9			1,400		840.000	1000			1000	46	94	
TOTAL 16 11 12 17 4 27 87 93 50 306 10 8 23 1		-	-	10		-		-		-		-	_		132	

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME,

(13) Mr, H. RUNCORN (14) "W. M. MACCA (15) ", J. OGDEN FLE (16) Dr. A. C. CLARKE

SANITARY ASSOCIATION.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 28th day of August, 1869.

-	-	-	-	-	-	-	-	CONTRACT N	-	-	OMONEM	-	-	-	-	-
	SAI	FOI	RD.		H	ULM	E.	CH(ORL-	ARD		ENDI	LEBUR	Y.	Land Steer on Mark Steers	
• • • •	100	329 ,967.				477.		64	16	508			2650 24,448		PRIOR AND INCHES TAGINGS.	
or L			Publ		1			-	000.	-	1	• • • • • •	24,448		Population in 1861.	
DIST			STITUT			Poor Law Districts				rict	Ancoats		1	eek	The same and the same and the	
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	. George's.	Medlock.	. Philip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick & Anc	Chorlton Union Workhouse.	Total	ading W	DISEASES.	EATHS.
				1000		1000000	St.	10000						orre	The state of the s	۵
17	18	19	20	21	22	23	24	25	26	27	28	29		5		01
		1											2	2	Small-pox	
			2										9	7	Measles	1
			4					.2	1				12	55	Scarlet Fever	1
								***							Diphtheria	1
												4	10		Whooping-cough	
			2										- 2	1	Croup	
2	2		11	6	2	1	2		5	1	2	9	138	180	Diarrhœa	5
	1.								••				1	8	Dysentery	
															Malignant Cholera	
			1						1			**	4	7	Erysipelas	
		3	3								2		- 11	48	Continued Fever	
			1					a2				3	7	28	Typhus	2
1			2		1				2				9	26	Enteric or Typhoid	
			4			1			7		1	1	34	52	Febricula	
														1	Ague	
		1					.:			1			6	9	Rheumatic Fever	
															Puerperal Fever	
2	1	1	32	-5	1		1	3	2	1	2	8	105	141	Bronchitis & Catarrh	3
														6	Influenza	
			5						1		1 2	1	9	13	Pleurisy & Pneumonia.	1
1	4	2	15			.:	1		4		2	5	74	59	Phthisis	9
6	14	21	87	2	4	3	5	15	24	7	19	70	33	50 734	Constitutional Syphilis All other diseases	3 17
Barn.	1		75					1901	10		26	1	728 248	270	Accidents	3
**									-		-	-				
12	22-	29	248	13	8	6	10	23	57	10	57	105	1442	1694	TOTAL	46
The Person	-							-								

idebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

e report of the Association, and has, as far as practicable, been taken into account in the conclusion n from the weekly returns.

Weekly Return of Births and Deaths in Mauchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Pever Diseases of the Lungs Other causes	1 5 7 5 13	3 2 8 1 11 18	 1 2 6 10	4	 1 4 2 6	··· 1 7 5 3 7	 1 1 9 1 3 12	3	1 .3 3 7	:: 1 14 10 14	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	1 5 2 8 62 9 47 104	7 33 96 20 44 149
TOTAL NO. OF DEATHS.	29	43	19	14	13	23	27	8	14	39	9	238	349
TOTAL NO. OF BIRTHS.	42	37	12	12	14	47	36	24	29	47	12	312	323

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680. At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

Weeks ending 29th May.	4 Weeks ending 26th June.	5 Weeks ending 31st July.	TOTAL.	DISEASES.	4 Weeks ending 29th May.	4 Weeks ending 26th June.	5 Weeks ending 31st July.	TOTAL
10	7	3	20	Small-pox	47	48	44	139
32	24	51	107	Measles	82	82	92	256
33	46	64	143	Scarlet Fever	54	60	85	199
5	7	4	16	Diphtheria	19	29	43	91
70	118	86	274	Whooping-cough	19	3	10	5
2	2	4	8	Croup	132	159	533	824
206	338	1467	2011	Threatony	1 1	6	13	20
	2	9	11	Dysentery		1		1
29	is	19	66	Erysipelas	22	14	21	57
11	12	17	40		47	41	47	135
		2	2 8	Typhus	51	57	67	175
1 40	4	3	8	Enteric or Typhoid	29	12	19	60
40	47	64	151	Febricula	114	169	157	440
1	4	2		Ague	65	73	65	203
47	34	56	137	Rheumatic Fever		10	100000000000000000000000000000000000000	1
613	560	573	1746	Bronchitis and Catarrh	669	643	688	2000
613	4	2/3	1740		1	4	12	17
34	37	34	105	Pleurisy and Pneumonia	72	73	93	238
84	92	104	280	Phthisis	227	268	360	855
16	23	24	63	Constitutional Syphilis	116	122	162	400
3322	8585	4536	11443	Accidents, and all other Discases	3579	3924	4766	12269
4562	4964	7130	16656	TOTAL	5328	5790	7268	18386

	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.Mackerfies	Wilmslow, J. Thompson, Esq.	Penketh, Warrington
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest Unreduced { Lowest Unreduced { Range Temperature. Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dee Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000)	2N8, 30:231 30:283 29:979 0:304 64:2 33:6 23:6 86:6 53:0	NO RETURN.	145 ft. 1N8. 30:231 30:283 29:979 0:304 64:8 40:7 29:9 90:6 49:9 57:3 GRS. 0:765	NO RETURN.	NO RETURN.
Prevailing Winds Rain Ozonometer Moffat Schonbein	WSW,W 0:000		WSW,W 0.000 1.42		7

COMMUNICATED TO THE

Manchester und Salford Sanitary Association.

WEEKLY RETURN.

OL. IX.1

WEEK ENDING SATURDAY, SEPTEMBER 4, 1869.

No. 475.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, September the 4th, 1502 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1442, and in the corresponding week of last year it was 1669. The deaths in public practice during the week amounted to 48, being in the proportion of 1 death to every 31 cases.

Last week there was a considerable decrease in the number of Small-Pox cases, this week it has risen from 2 to 5. This disease still continues to be restricted to the Townships of Manchester and Salford; 1 case occurred in the former and 4 in the latter.

Measles is steadily declining in prevalency, the numbers for the last three weeks being 10, 9, and 6.

There is a considerable increase in the cases of Scarlatina, the number having risen from 12 to 25. This disease was very generally distributed over the several districts during the week.

Diarrhœa and Dysentery have declined in prevalency, 127 cases were observed during the week, being 12 less than in the preceding week.

The fever return is unsatisfactory, 40 cases were observed during the week. Nine of these were assigned to Continued Fever, 18 to Typhus, and 13 to Typhuid Fever.

The cases of Bronchitis and other acute chest diseases have risen from 114 to 132.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 245 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Sixty-one deaths were caused by Diarrhea, 56 by Diseases of the Lungs, 11 by Scarlatina, 7 each by Fever and Whooping-Cough, and 5 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 56.1°; at the Salford Observatory it was 53.9°; and at Eccles 54.0°.

JOHN ROBERTS, M.D., Hon. Sec.

OMMITTEE ROOMS,

MANCHESTER AND SALE

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC 1 New Cases of Disease coming under Treatment D

	MANCHESTER. Manchester Township 1,645																
Area in Statute Acres Population in 1861				• • • •			Mano	heste	r To	wnshi							
Topulation in 1801		11111	11117		••••	•••	,	,	13	,,	185	,050	•••	• • • •			
		Po	or L	AW D	ISTRI	CTS.				Public Institutions.							
	80	W'8	80			el's		6.	I	LOYAL	Infi	RMAR	y.	Сип	DREN	ě	
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	Michael's	of of	Workhouse.	ts.	ts.	et J.	ict	ict .	ital.	cal tal		
	St. Pe	St. A	St. Ge	athe	Jul.	St. M	Total of Districts.	ork	In- patients.	Out- patients.	District	District 11.	District III.	St. Mary Hospital	Clinical Hospital.		
4, 1860 No. 475.	1	2	3	4	G St.	6	Did	7	8	9	10	11	12	13	14	l	
Small-pox	-				-	-					-		a1	-		1	
Measles	0	0.000	150	TES	ilvan	2	2	51/1/2	old	18/20		-	PAGE.	33	,		
Scarlet Fever		1		**			1	**								Ì	
Diphtheria		ena.					8.9			770 11		1			4		
and allower retributions of			**			deal			**		**			**	**		
Whooping-cough	11	renz	155	111	***						**		1.40		3		
Croup	30.0	1.0	***				**										
Diarrhœa		5	1	1	1	3	11	2		4	1		1	37	17		
Dysentery	10.79	dim	201	1			1							2			
Malignant Cholera																	
Erysipelas	1	***					1	1							1		
Continued Fever			1		1		2			.,		4.0	100.0	0.0	1		
Typhus	oth	.000	hin	20	1	2	2	4	2	old a	10.00	000	1	mi'		ı	
Enteric or Typhoid	s null	1540	heu	noin	1111	In	III)	4	RET.	NA STATE	111	11	1000		dice	ı	
								1	1			1	,	**			
Febricula	BENED		630	**		**	**	1		1	1		2	4	2	ı	
Ague																	
Rheumatic Fever		**			1		1	2	2				4				
Puerperal Feyer	**	1934														-	
Bronchitis and Catarrh	2	1	3			6	12	10	1	12	1	1		10	10	I	
Influenza																1	
Pleurisy and Pneumonia		1	1		1		3						1			ı	
Phthisis	1	••					1	3		26	1	3	3	2	1		
Constitutional Syphilis All other Diseases	17	100	10					6		2			1		1	-	
Accidents	17	1	12	14	5	9	61	65	27	137	6	2	6	35	88	-	
TOTAL		-		-		-		-	28				1		1	1	
3 M7 MM . 1143		13 Remo	18 ved to	Work	9 house		104	101	61	333	10	8	22	90	129	1	

1) Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH.

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),,J. P. SLEIGHTHOLME,

(9) (10) (11) (11) (12) Mr. W. H. CARRUTHERS, (12) ,, J. PORTER, (12) ,, C. CURRIE RIFCHIE,

(13) Mr. H. RUNCORI (14) ,, W. M. MACC/ (15) ,, J.OGDEN FLE (16) Dr. A. C. CLARKE

ANITARY ASSOCIATION.

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Veck ending the 4th day of September, 1869.

			-		_		-		Acres 6	STATE OF TAXABLE PARTY.	-	_	-			
	SALI	FOR	D.		R	JLM	E.		ORL-	ARD		PENI	DLET	N		
	1	329	1016			427		6-		-	-	-	2660	-		
		967.						44,		21739			24,148			
	AW	Ins	Ривь. втітит		Po D	ok L Istri	AW CT8	District		District.	Anccats	100		eek		
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law Dist	Dispensary.	Poor Law Dis	Ardwick & Anc. Dispensary.	Chorlton Union Workhouse.	Total	Cerresponding W	DISEASES.	DEATHS.
17	18	19	20	21	22	23	24	25	26	27	28	29		ဘိ	AMERICA MATERIAL	
		1	2										5	1	Small-pox	
			3										6	5	Measles	
3			7			a2		1	3		1	2	25	48	Scarlet Fever	
															Diphtheria	
••									1		**	1	6	1	Whooping-cough	2
**			2										2	1	Croup	
3	1		11	7	••	2	•••	1	6		1	12	120	144	Diarrhœa	5
••			3						1				7	1	Dysentery	
**															Malignant Cholera	
						••							3	6	Erysipelas	1
••	1	3	3		•						**	5	9	49	Continued Fever	
•••		**	2			**				",		1150	18	40	Typhus	2
2	heles		5	1				117.0	"	1	**	1	13	30 65	Enteric or Typhoid	
•••	-	1.					1		-						Febricula	1
	100	.,				1		1					11	16	Rheumatic Fever	
						B							1050		Puerperal Fever	
6	3	1	29	3	1		2	1	4	1	2	3	121	128	Bronchitis & Catarrh	5
											100		1	7	Influenza	
	11		4										10	11	Di 6 D	
2			9	1				2	2		1	4	61	60	Phthisis	10
16	16	15	61	1 3		1	3	1			15	6	32	29		
1		10	71		4	7		27	24 20	7	30	65	1 1 2 1 7 1 7	712 315	A i 2 to	22
33	21		223	16	5	13	1:	34	61	9		100	1502	-	The same of the sa	48
	Till.							1000				a solid	2002	2000	1 4/1	-

debted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

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report of the Association, and has, as far as practicable, been taken into account in the conclusion from the weekly returns.

Weekly Return of Birthe and Deat's in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	1 5 8 10 14	 5 2 9 9	··· 1 1 1 1 1 4 15	1 2 4 6 8	 6	48	10 2 3 14	 1 2 6	 	2 11 15 13	1 1 2 1 2	5 7 11 61 7 56 98	2 1 40 87 21 48 149
TOTAL NO. OF DEATHS.	37	32	23	21	12	12	30	9	21	41	7	245	351
TOTAL NO. OF BIRTHS.	35	41	19	16	22	38	23	21	31	65	25	336	381

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. | Medical Officer of Haalth, John Whitmore, M.D. Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

	10	pura-ron i	n 1501, 10	1		1301, 030.		242111
4 Weeks ending 29th May.		5 Weeks ending 31st July.	TOTAL.	DISEASES.	4 Weeks ending 29th May.		5 Weeks ending 3!st July.	TOTAL
10 32 33 5 70 2 206 29 11 40 1 47 613 6 84	7 24 46 7 113 2 338 2 2 18 12	3 51 64 4 86 4 1467 9 17 2 3 64 2 56 573 7	20 107 143 16 274 8 2011 11 66 40 2 8 151 7 137 137 1746 17	Small-pox . Measles . Scarlet Fever . Diphtheria . Whooping-cough . Croup . Diarrhœa . Dysentery . Malignant Cholera . Erysipelas . Continued Fever . Typhus . Enteric or Typhoid . Febricula . Ague . Rheumatic Fever . Puerperal Fever . Bronchitis and Catarrh . Influenza . Pleurisy and Pneumonia . Phthisis	82 54 19 132 1 122 47 51 29 114 65 1 72 227	48 82 60 29 3 159 6 1 14 41 57 12 169 1 73 1 643 4 73 268	44 92 85 43 1 533 13 21 47 67 19 157 65 688 12 93 360	139 256 199 91 5 824 20 1 57 135 175 60 440 1 203 1 2000 17 238 855
16 3322	23 3585	24 4536	63 11443	Constitutional Syphilis	116 3579	122 3924	162 4766	400 12269
4562	4964	7130	16656	TOTAL	5328	5790	7268	18386

The Particular of the Colors of Colors of the Colors of th	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MackerethEsq	Wilmslow, J. Thompson, Esq.	Penketh, Warrington L.W.Reynolds Esq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest	108 ft. 1N8. 30:249 30:385 29:723 0:662 53:9 31:5 15:2 71:7	NO RETURN.	145 ft. 1NS. 30°249 30°383 29°723 0°662 54°0 21°4 71°5 36°5 44°7 GRS. 0°705	NO RETURN.	43 ft. 1NS. 30:245 S0:486 29:816 0:670 53:9 39:5 26:2 71:6 32:1 46:0 GRS. 0:740
Prevailing Winds	N,NE 0.018		N,NE 0-037 1-28		::::

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, SEPTEMBER 11, 1869.

No. 476.

DISEASES .- The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, September the 11th, 1488 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1502, and in the corresponding week of last year it was 1488. The deaths in public practice during the week amounted to 52, being in the proportion of 1 death to every 28 cases.

Small-Pox is again becoming more prevalent, the numbers for the last three weeks being respectively 2, 5, and 8. This disease still continues to be confined to the Townships of Manchester and Salford; 7 cases having occurred in the former and 1 in the latter.

The cases of Measles have risen in number from 6 to 12. This increase was more marked in the Townships of Manchester, where 8 cases were observed, 2 of the remaining 4 were observed in Salford, and 2 in Ardwick.

It is satisfactory to record a decrease in the number of Scarlatina cases, 15 being returned instead of 25; 9 of these occurred in Manchester, 1 each in Salford and Hulme, In the corresponding week of last year the and 2 each in Chorlton and Ardwick. number was 55.

Diarrhœa and Dysentery continue to decline, the numbers for the last three weeks being 139, 129, and 116 respectively.

There is but a slight change in the fever return, 38 cases having occurred instead of 40. Thirteen were assigned to Continued Fever, 12 to Typhus, and 13 to Typhoid Fever. In the corresponding week of last year the number was 100.

Whooping-Cough remains the same as in the preceding week, 6 cases being returned. The cases of Bronchitis and other acute chest diseases have risen from 132 to 141.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

This week 236 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Forty-nine deaths were caused by Diarrhea, 46 by Diseases of the Lungs, 13 by Scarlatina, 10 by Measles, and 6 by Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 63.5°; at the Salford Observatory it was 61.2°; at Eccles 60.7°; and at Old Trafford 60.8°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment L

					****		MA	NCH	EST	ER.	44	1111		7		1
Area in Statute Acres Population in 1861							Mane	heste		wnshi		1,645 5,050				
			or L		-	CTS.						Insti	TUTIO	ons.		
NO SECTION	Ed	02	1 00	1	111	1.8	1	-	I	ROYAL	INF	RMAE	y.	Снп	DREN	1
DISEASES.	1 St. Peter's	No St. Andrew's	& St. George'	A Cathedral	G St. Jude's	9 St. Michael's	Total of Districts.	7 Workhouse.	co In-	6 Out-	Of District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.	1
Small-pox								2	5							
Measles	1		2		1	1	5					2			1	
Scarlet Fever	1	.,					1		1			1	2	2	2	
Diphtheria																
Whooping-cough		,										1		1	8	
Croup			(4.1)													
Diarrhœa		3			4	3	10	2		3				37	25	1
Dysentery																
Malignant Cholera																
Erysipelas				:.												1
Continued Fever		a1		α1	a2		4			.,						
Typhus			1				1	6	1			2				
Enteric or Typhoid								2	4				1		2	
Febricula					2	1	3	3	2			1	1	10		County
Ague		1.														
Rheumatic Fever									2		1					
Puerperal Fever																
Bronchitis and Catarrh		3	3	2	1	4	13	4	1	16		1	1	2	8	1
Influenza																
Pleurisy and Pneumonia	1				2		3	2	2		**	1	1		1	
Phthisis						1	1	5	2	27	1	2	1			
Constitutional Syphilis All other Diseases	14	6	10	٠.	4	5	44	82	96	3	1	4	13	26	1 100	-
Accidents	14	1		5	4	1	3	7	ALCON !	140			13	36	100	-
TOTAL	18	14	16	8	16	16	~-	123	65		-	15	22			15
TOTAL		Remov	117.0700.8			10	00	120	00	001	4	19	22	00	143	1

Medical Officers to whom the Association

(13) Mr. H. RUNCORI (14) ,, W. M. MACCA (15) ,, J.OGDEN FLE (16) Dr. A. C. CLARKE

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 11th day of September, 1869.

			-			1	NAME AND ADDRESS OF	-	Leu	ORL-	ARD	1	DEN	D.L. ESTE	N		_
	8	SALF	ORI).		H	ULM	E.	T)N.	WICH		PEN	DLEBU	RY.	7 2555 O A	
			329			10000					508	1000000		2650		THE CON ALL POSSESSED LACTED.	
	• • •		967.			1			44,	850.	21735	-		24,448		Population in 1861.	
10000	LA			PUBL TITUT	IONS.	Di	or L		District.		District.	Anccats	no.		/eek		s.
	Regent Road	S Regent Road No. 2.	6 Workhouse.	Dispensary.	Salford Sounty Gaol.	St. George's.	S Medlock.	St. Philip's	Poor Law	Dispensary.	2 Poor Law Di	No Ardwick & Ance	10000	1	Corresponding W	DISEASES.	DEATHS
		10	-		21	-	20	24	-	20	-	20	20		_		
Ш			1											8	2	Small-pox	1
				2								2		12	6	Measles	
				1			1			2		2		15	55	Scarlet Fever	
Ш																Diphtheria	
										1				6		Whooping-cough	1
1																Croup	
		3		5	õ		2		2	9			8	116	146	Diarrhœa	1
	.														2	Dysentery	
	.															Malignant Cholera	
										1		1		4	12	Erysipelas	1000
			2	2					1	1		1	2	13	38	Continued Fever	
				1										12	45	Typhus	2
				1		1						2		13	22	Enteric or Typhoid	1
				4			1	1	2	2			2	35	72	Febricula	
												1		1	1	Ague	
					2	1								6	12	Rheumatic Fever	
																Puerperal Fever	
	9	2		27	2	2	2	1	4	6	3	5	8	124	152	Bronchitis & Catarrh	4
															3	Influenza	
				3		1						2	1	17	17	Pleurisy & Pneumonia.	1
	1	I		8				1	1	2		3	4	61	68		12
				6	1				2	1		2	6	33	33	Constitutional Syphilis	
1	6	8	7	85	4	2	7	8	14	44		12	55	5 5 7 6	786	All other diseases	29
-				65		••	1	1		13		30	1		297	Accidents	
2	6	14	10	210	14	7	14	12	26	82	3	63	87	1488	1749	TOTAL	52
-				-		-	-	-	-	-	-	-	-				

ndebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Manchester and Salford.

Small Pox	Ancoats District,	St. George's Dis.,	Market-st. Dis.,	G. S. S. S. Mr. C. F. Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis.,	Regent-rd. Dis.,	Feddeton Dis.,	Charlton-on-M.,	OF GG: Halme Township,	Harlsworth.	Total 2 10 5 13 49 6 46 105	Corresponding week last year.
	31	28	26	14	19	19	16	14	18	40	-		
TOTAL NO. OF BIRTHS.		48	10	9	19	26	40	21	36	67	17	331	1 293

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord. Population in 1861, 390,815.

	ALL COM	Por	enlation it	n 1861, 161	680.	-	-	NAME AND ADDRESS OF	A. Division in which the Real Property lies, the Park Inches
e	nding 29th	4 Weeks ending 26th	5 Weeks	TOTAL.	DISEASES.	4 Weeks ending 29th May.	Weeks ending 26th June.	5 Weeks ending 31st July.	TOTAL
-	10 32 33	7 24 46 7	3 51 64	20 107 143 16	Small-pox	04	48 82 60 29	44 92 85 	139 256 199 91
	5 70 2 206	118 2 338 2	86 4 1467 9	274 8 2011 11	Whooping-cough Croup Diarrhesa Dysentery Malignant Cholera	132	3 159 6 1 14	533 13	5 824 20 1 57
	29 11 	18 12 4	19 17 2 3	66 40 2 8 151	Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula	47 51 29 114	41 57 12 169	47 67 19 157	135 175 60 440
	40 1 47 613	47 4 34 560	64 2 56 573	137 1746	Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza	65	73 1 643 4	65 658 12	203 1 2000 17
	6 34 84 16	4 37 92 23	7 -34 104 24 4536	17 105 280 63 11443	Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Discases.	227 116	73 268 122 3924	93 360 162 4766	238 855 400 12269
-	3322 4562	3585 4964	7130	16656	TOTAL	5328	5790	7268 GHBOU	18386 RHOOD.

TOTAL SECURITION OF THE SECOND	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.Vernon, Esq	Бсслев, Т.МлокивитиЕво	Wilmslow, J.THOMPSON, ESQ	Penketh, Warrington
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest	108 ft. 188. 29:592 29:727 29:179 0:548 61:2 21:8 11:3 72:7	123 ft. 1NS. 29-621 29-741 29-115 0-627 60-8 26-0 16-5 75-0 49-0 55-9	145 ft. 188. 29:592 29:727 29:179 0:548 60:7 24:8 13:9 73:4 48:6 54:4	251 ft. 1N8. 29·610 20·636 29·104 0·532 60·0 22·9 13 3 70·6 47·7 52·9	43 ft. 1N5. 29-583 29-820 29-274 0-545 62-9 28.7 15-9 77-1 48.4 55.5
Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation-1,000)	GRS. 0.730	ors. 0.820	ons. 0.803	ons. 0.772	0.770
Prevailing Winds	s,sw 1.717	SW,8,8E 1:645	S,SW 1.867	1:684	SE,SW 2.050
Rain Ozonometer. Moffat Schonbein	: ::::	4·29 0·86	8.43	6-86	1 ::::

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, SEPTEMBER 18, 1869.

No. 477.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, September the 18th, 1349 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1488. The deaths in public practice during the week amounted to 37, being in the proportion of 1 death to every 36 cases.

The cases of Small-Pox have risen from 8 to 9. The numbers returned from Manchester and Salford remain the same as in the preceding week. The additional case was treated in the Chorlton Union Hospital.

The cases of Measles were returned from the same districts as in the previous week. The number has fallen from 12 to 10. This disease continues to be more prevalent in Manchester than in the other townships.

Scarlatina continues to decline, the numbers for the last three weeks being 25, 15, and 10. It is pretty generally distributed. In the corresponding week of last year the number was 65.

Whooping-Cough is on the increase, 12 cases were observed during the week, being double the number of the preceding return.

The cases of Diarrhœa and Dysentery have fallen in number from 116 to 100.

The Fever return is the same as it was in the preceding week—of the 38 cases that were observed 16 were attributed to Continued Fever, 14 to Typhus, and 8 to Typhoid Fever.

One hundred and forty cases of Bronchitis and other acute chest diseases were reported—being 1 less than in the preceding return.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 229 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Forty-four deaths were caused by Diarrhea, 38 by Diseases of the Lungs, 14 by Fever, and 8 each by Scarlatina and Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 58.1°; at the Salford Observatory it was 56.5°; at Eccles 55.2°; and at Old Trafford 55.6°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC II

New Cases of Disease coming under Treatment Du

							MA	ИСН	EST.	ER.						
Area in Statute Acres Population in 1861	1						Mane,	heste		vnshi		,645 5,050				
	-	Po	or L	w D	ISTRI	cts.				Pu	BLIC	Insti	TUTIO	ons.		
		00	00			1.8			R	OYAL	Infi	RMAR	v.	Сип	DREN	
DISEASES.	1 St. Peter's	N St. Andrew'	ω St. George's	A Cathedral	Cr St. Jude's	9 St. Michael's	Total of Districts.	4 Workhouse.	o In-	6 Out-	O District I.	II District	District III.	St. Mary's Hospital.	Clinical Hospital.	1 Geo
Small-pox									4		b2		1			
Measles			2			4	6		1							
Scarlet Fever				1	1		2						1		1	
Diphtheria																
Whooping-cough														5	2	
Croup																
Diarrhœa	4	1			1	3	9	3		7			3	22	23	-
Dysentery	1						1									
Malignant Cholera																
Erysipelas								1	1			1				
Continued Fever	a6	1					7	1								
Typhus						1	1	7	2		al	1				
Enteric or Typhoid								2	1						1	1
Febricula		2					2					- 1	1	4	1	-
Ague																
Rheumatic Fever								2			1					
Puerperal Fever																
Bronchitis and Catarrh	2	2	2	4	2	3	15	3		9		2	2	4	10	
Influenza																
Pleurisy and Pneumonia				1			1	1				1			1	
Phthisis		3				1	3	6		22	3	5	5	2		
Constitutional Syphilis All other Diseases	17	5	6	4	2	10	44	63	28	114	1	10	20	52	73	
Accidents				1		3	4	2	12	107	1					
TOTAL	30	14	10	11	6 nouse.	25	96 b 1 Ker	98	49	260	10	21	33	89	112	

Medical Officers to whom the Association

¹⁾ Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH.

⁽⁵⁾ Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8), J. P. SLEIGHTHOLME,

⁽⁹⁾ (10) (11) (11) (12) Mr. C. CURRIE RIJCHIE " W. H. CARRUTHERS " H. O. PILKINGION.

⁽¹³⁾ Mr. H. RUNCORN (14) ,, W. M. MACCA (15) ,, J. OGDEN FLE (16) Dr. A. C. CLARKE

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 18th day of September, 1869.

	SALI	FOR	D.		l H	ULM	E.	CHO)RL-	ARD	1 .	PENI	DLETO	N		
	1,	329			-	477.		64	-	508	-		2650		Area in Statute Acres.	
	100000	967.				38,209		1					24,448		Population in 1861.	
RL		III DOLLAR TO THE REAL PROPERTY OF THE PERTY	PUBL			OR L		ict		rict.	Ancoats	10	1	eek		
-	_			1 .	1	1		Poor Law District		District.	Ancary.	Union ouse.		≥ :		DEATHS.
t Ro	t Road	ouse	sary	Salford nty Gao	George's	ck.	Philip's	'aw	sary	ASW.	wick & And Dispensary.	porlton Unic		ding Yes	DISEASES.	F
Regent Road.	Regent No. :	Workhouse.	Dispensary.	Salford County Gaol	. Ge	Medlock.	. Ph	l roc	Dispensary.	Poor Law	Ardwick Dispe	Choriton	Total	lasi		E
17	18	19		10000	18 22	23	78 24		26	27	28	29		Corresponding last Year	Brailell statical	0
11	-	13		-	-	-	44	-	-	-	-	-		-		
			1									1	9		Small-pox	
			2								1		10	5	Measles	1
			2			3					1		10	65	Scarlet Fever	
															Diphtheria	
						3		1	1				12		Whooping-cough	
															Croup	
2			5	7			1	1			2	7	97	121	Diarrhœa	5
			2										3	2	Dysentery	
															Malignant Cholera	
	1						1						6	10	Erysipelas	
	1	2	2							1	1	1	16	32	Continued Fever	
			1									1	14	28	Typhus	2
100			2									2	8	15	Enteric or Typhoid	2
	1		3	5				ō	7		3		30	66	Febricula	
	1															
														10	Ague	
		••			1					2			8	18	Control of the second of the second of	
		••										"			Puerperal Fever	
6	3	4	33	5	1		2	1	9	2	3	9	129	220	Bronchitis & Catarrh	2
													::		Influenza	-:
1 1	1	1	3	::	1			1	4	::	2	3	11 74	72	Pleurisy & Pneumonia.	7
1			6	1				1			1		22	37	Constitutional Syphilis	
7	14	12	78	3	4	6	4	19	23	5	10	54		785		17
		••	65		2	1		4	10		23	2	238	253	Accidents	••
18	21	19	218	16	9	13	8	33	54	10	48	80	1349	1749	TOTAL	37
	-		10000		Color o			10000	-							-

ndebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX, WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

se report of the Association, and has, as far as practicable, been taken into account in the conclusion n from the weekly returns.

Weekly Return of Birthe and Deatie in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johns.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corresponding week last year.
Small Pox		TOLD	1						i			1	.;
Measles Whooping-cough	2	3	::	::	::	::	1	::	.;	i	2	5 8	4 2 39
Scarlatina Diarrhœa	8 2 8	5 2 7	3 3 7	ï	2 2	2	10	2 2	6	4	1	44 14	39 61 26 39 137
Diseases of the Lungs Other causes	8 16	7 12	7 15	3 5	2 3	4	11	**	4 12	5 21	5	38 111	39 137
TOTAL NO. OF DEATHS.	38	31	29	9	10	7	27	11	24	32	11	229	308
TOTAL No. OF BIRTHS.	43	30	26	11	13	20	37	19	49	71	30	319	337

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salrond.

Population in 1861, 390,815.

4 Weeks ending 29th May.	4 Weeks ending 26th June.	5 Weeks ending 31st July.	TOTAL.	DISEASES.	4 Weeks ending 29th May.	4 Weeks ending 26th June.	5 Weeks ending 31st July.	TOTAL
10 32 33 33 5 70 2 206 29 111 40 1 47 613 6 34 84 16	7 24 46 7 118 2 338 2 18 12 4 47 4 34 560 4 37 92 23	3 51 64 4 86 4 1467 9 1 19 17 2 3 64 2 56 573 7 34 104 24	20 107 143 16 274 8 2011 11 16 66 40 2 2 8 151 7 137 1746 17 105 280 63	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Croup Diarrhea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis	54 19 1 132 1 22 47 51 29 114 65	48 82 60 29 3 159 6 1 14 41 57 12 169 1 73 1 643 4 73 268 122 3924	44 92 85 43 1 533 13 21 47 67 19 157 65 68 812 93 360 142 4766	139 256 199 91 5 824 200 1 57 135 175 60 440 4203 1 1 2003 1 1 2000 17 238 855 400 12269
3322 4562	3585 4964	4536 7130	11443	Accidents, and all other Discases	5328	5790	7268	18386

Total Contract Contra	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, Т.МасквиктиЕва	Wilmslow, J.Thompson, Esq.	Fenketh, Warrington L.W.ReynoldsEs _{q.}
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest	11.0	123 ft. 1N8. 29-453 29-712 28-956 0-756 55-6 24-0 12-7 72-0	145 ft. 1NS. 29-457 29-713 28-991 0-722 55-2 23-1 11-9 70-7	251 ft. 1N8. 29:455 29:634 28:896 0:738 55:2 22:3 11 7 69:5	43 ft. 1NS. 29-436 29-800 29-066 0-734 57-9 25-4 12-8 72-3
Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere Degree of Humidity (Saturation-1,000) Prevailing Winds Rain	49.0 50.9 6ns. 0.816 W, WSW 2.120	48.0 51.3 6R8. 0.864 S,SW 2.375	47.6 51.0 GRS. 0.880 W, WSW 2.107	47·2 50·5 0 848 0 848 SW 2·654	46.9 51.3 GRS. 0.785 SW 1.685
MoffatSchonbein	0.85	7·71 2·14	9-00	8:71	::::

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, SEPTEMBER 25, 1869.

No. 478.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, September the 25th, 1415 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1349, and in the corresponding week of last year it was 1743. The deaths in public practice during the week amounted to 37, being at the rate of 1 death to every 38 cases.

There is a decrease in the Small-Pox return, the cases having fallen from 9 to 2. One of these cases was observed in Manchester and the other in Hulme.

Measles remains very much the same as in the preceding week, 11 cases being returned instead of 10. The same number occurred in Manchester as in the previous week, 3 were observed in Salford and 1 in Hulme.

The cases of Scarlatina have risen from 10 to 14. In the corresponding week of last year the number was 62.

Whooping-Cough is becoming prevalent, the numbers of cases for the last three weeks being 6, 12, and 19. Sixteen cases were observed during the week at the two Hospitals for Children.

The Fever return remains nearly the same as it was last week, 37 cases being reported instead of 38. Ten of these were assigned to Continued Fever, 14 to Typhus, and 13 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have risen from 140 to 164.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 221 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Forty-six deaths were caused by Diseases of the Lungs, 44 by Diarrhoea, 11 by Fever, 10 by Scarlatina, and 7 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 56.8°; at the Salford Observatory it was 55.9°; at Eccles 55.2°; and at Old Trafford 55.5°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment D.

Lagran III							MAN	RCH.	ESTI	ER.				4	
Area in Statute Acres Population in 1861							Manch			vnshij		,645 ,050			
	_			w D						Pu	BLIC	Insti	TUTIO	NS.	
		8,1	00			1.8			R	OYAL	Infi	RMAR	y,	Сип	DREN
DISEASES.	- St. Peter's	No St. Andrew's	to St. George's	A Cathedral	On St. Jude's	9 St. Michael's	Total of Districts.	J Workhouse.	ω In- patients.	& Out-	O District I.	1 District	51 District TII.	St. Mary's Hospital.	Clinical Hospital.
Alles Vale Alles Andrews	-	_	-		_	-	-	-			-	500	e1	-	
Small-pox													1		
Measles	1		3				4					1		1	1
Scarlet Fever				2		1	3					1		1	
Diphtheria															
Whooping-cough														11	5
Croup														••	
Diarrhœa	1	2	1			1	5			23			3	34	18
Dysentery										1				1	
Malignant Cholera															
Erysipelas										2					
Continued Fever	1		2				3								
Typhus					1		1	4							
Enteric or Typhoid	al						1	1	3			1	2		
Febricula						1	1	1				1		9	4
funded spens (% officer to				1000					1						
Ague						1			2	4	2	1		1	
Rheumatic Fever															1000
Puerperal Fever				1		10	1 10			00			3	8	7
Bronchitis and Catarrh	2	2	1		1	12	18	4		22		1	3	90	
Influenza	1		**	1		**	2	1		3	1			**	1
Pleurisy and Pneumonia Phthisis						2	2	5		21	1	1	6		3
Constitutional Syphilis	1						1	14		5	1			1	3
All other Diseases	8	6	10	4	2	13	43	39	24	129	2	4	7	60	46
Accidents	2	1		2	1	1	7	2	15	131		-	-		
TOTAL	18	11	17	10	5	31	b 1 Res	71	44	341	7	111	23 Remov	126 red to	Small
	a	Kemo.	ved to	Work	nouse.		AND DESCRIPTION	CO. Married	and the same of	-	-	who	-		
J. BROADBENT, (6)	Dr. I	WES	TMO	DEA RELA	ND.	(9) (10) (11) (12)	Mr. C	CUI	CARE	RIFCI	HIE,	(1)	3) Mr 4) ,,	W. I J. OG	RUNG M. M. DEN

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 25th day of September, 1869.

۴		- COLUMN 14	-	and sections.			Marie Arthur		encountries.	-	-		-	-	-		-
L		SALI	ORI).		H	ULM	E.		ORL- ON.	ARD	8	PENI PENI	LEBU	N RY.		
ŀ			329			1000			64		508			2650		Area in Statute Acres.	
Ŀ			967.			1			44,	850.	-			24,148	•••••	Population in 1861.	
	OR LA		The second second	PUBLI TITUT			or L		District		District	ocats.	uc		eek	The Last to persons	
I.	oad.	Road	99	1 %	ord Gaol.	00	1	00	Dist	. A		wick & Ance Dispensary.	Union		B W		DEATHS.
State S	Regent Road.	t R.	orkhouse.	Dispensary.	Salford nty Gao	George's.	ock.	Philip's	Poor Law	Dispensary.	Poor Law	spen	worlton Uni		Corresponding V	DISEASES.	AT
10.04	legel	Regent No.	Work	ispe	Salfe County	St. G	Medlock.	St. Pl	Joor	ispe	oor	Ardwick	Choriton	Fotal	las		DE
6	0.720	18	19	20	21	22	23	24		10000	27	28	29		Con	grandly without	
F			-			-	-	-	-	-	-	-	-		-		
ŀ										1				2	1	Small-pox	
ŀ				3			1							11	8	Measles	1
В				2					2	2				14	62	Scarlet Fever	1
ŀ																Diphtheria	
ŀ					.,				2				1	19	1	Whooping-cough	
ŀ															1	Croup	
2	1	3		3	5	1		1	1	3		1	3	111	123	Diarrhœa	3
ı									1					3	3	Dysentery	
I.																Malignant Cholera	
ı									1				1	5	6	Erysipelas	
			1	3				1				2		10	72	Continued Fever	
l				3		1			a1	1			3	14	32	Typhus	1
l				1		1		1	b2 .					13	26		
ı								-	02			1	ő	SE		Enteric or Typhoid	1
ľ		**		5			1	1		ō		1		34	77	Febricula	
ı			**	•••											1	Ague	
ı			1											9	15	Rheumatic Feyer	
ı													"	1		Puerperal Fever	1
	4	2	4	34	2		3	4	3	6	3	2	6	146	218	Bronchitis & Catarrh	5
ı															9	Influenza	
				5		1			1			2	1	18	17	Pleurisy & Pneumonia.	
		2		9 7	1	2			3 2	3		1	5	62	77	Phthisis Constitutional Syphilis	7
	7	6	10	90	2	4	2	11	20	21	7	13	47	620	699		13
	1	3		75		1	1		1	8		27	5		254	Accidents	4
1	14	16	16	240	10	12	8	18	40	50	10	50	79		1743	TOTAL	37
1								-		-			-	100	12 2 2		

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. W. C. BARNISH, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return of Births and Dent'is in Alauchester and Salfurd.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tipple.	Pendleten Dis., Mr. Bowker,	Chorlton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick/Tushp.,	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea	1 2 7	4.	1 2		i 2	3	1 1 5 3		··· ·i ·i ·3		:: :: :: 3	401 107	3 1 49 50 29 55
Pever Diseases of the Lungs Other causes	2 3 7	5ii 14	3 4 7	:i	2 6	1 13	3 2 13	5 5	4 7	12 17	1 3	11 46 90	124
TOTAL NO. OF BIRTHS.	22 36	27	19	13	25	20	25 38	22	15 41	72	17	331	375

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in MANCHESTER and SALFORD.
Population in 1861, 390,815.

	4.01	DIRECTOR OF A	IL FACET TO						-
4 Weeks ending 29th May.	4 Weeks ending 28th June,	5 Weeks ending 31st July.	TOTAL.	H	DISEASES.	4 Weeks ending 29th May.	ending	5 Weeks ending 31st July.	TOTAL
10 32 33	7 24 46	3 51 64	20 107 143		Small-pox	47 82 54	48 82 60	92 85	139 256 199
- 5 70 - 2	118	86 4	16 274 8	::::::::::::::::::::::::::::::::::::::	Diphtheria	19	29 3 159	43 1 533	91 . 5 . 824
206	338 2 18	1467 9 1	2011 11 1 66		Diarrhœa Dysentery Malignant Cholera Erysipelas	22	6 1 14	13 21 47	20 1 57
11	12	17 2 8	40 2 8	¥	Continued Fever Typhus Enteric or Typheid Febricula	51 29	41 57 12 169	67 19 157	135 175 60 440
40	47 4 34	64 2 56	151 7 137		Ague	65 -	78 1	65	203
6 84	- 560 4 37	573 7 34	1746 17 105 -		Bronchitis and Catarrh I	. 669	643 4 73 268	6\$8 12 93 360 I	2000 17 288 855
84 16 1 3322	92 23 8585	104 24 4536	280 63 11443		. Constitutional Syphilis	3579	122 3924	162 4766	400 12269
4562	4964	7130	16656	O.E.	TOTAL	5328	5790	7268	18386

B 10 Shemmalis Payer	Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Ессіев, Т.МасквиктиЕво	Wilmslow, J.Thomrson, Esq.	Penketh, Warrington L.W.Reynolds Esq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest	108 ft. 1N8, 29-783 30-019 29-229 0-730 55-9 25-6 11-5 72-5 46-9 46-3 GRS. 0-700	123 ft. 1N8. 29·804: 30·019 29·228 0·791 55·5 29·0 14·9 7.2·0 48·3 6R8. 0·773	145 ft. 1N8, 29·783 30·019 29·229 0·790 55·2 31·4 14·1 73·4 42·0 47·8 GRS. 0·764	251 ft. 1N8. 29-800 29-934 29-138 6-776 54-3 32-1 12-1 70-8 38-7 45-6 ons. 0-720	43 ft. 1N8. 29.777 30-114 29.312 0.802 57.5 31.4 15.0 73.1 41.7 50.0 GRS. 0.761
	NW,SW 0.913 0.71	SW 0·881 5·43 3·71	NW,8W 0:840 5:42	0.647 7.28	0.475

COMMUNICATED TO THE

Manchester und Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, OCTOBER 2, 1869.

No. 479.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, October the 2nd, 1488 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1415, and in the corresponding week of last year it was 1810. The deaths in public practice during the week amounted to 37, being at the rate of 1 death to every 40 cases.

Small-Pox shows no tendency to disappear from Manchester and Salford, 10 cases were observed during the week, being 8 more than in the previous return. This disease is again confined to the public practice of the Townships of Manchester and Salford.

For several weeks Measles has prevailed principally in the Township of Manchester; this week 12 of the cases were observed there and the 1 remaining case occurred in Chorlton.

Scarlatina is declining in prevalency, the number of cases has fallen from 14 to 9; 7 of these occurred in Manchester and 1 each in Hulme and Chorlton. In the corresponding week of last year the number was 59.

Whooping-Cough is keeping its ground; 19 cases were observed this week, being the same as in the preceding return.

The Fever return is not satisfactory, 41 cases were observed during the week. Eleven of these were attributed to Continued Fever, 25 to Typhus, and 7 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have fallen in number from 164 to 151.

DEATHS.—The Number Registered in Manchester and Salford, and their Causes.

Last week 217 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Forty-four deaths were caused by Diseases of the Lungs, 32 by Diarrhæa, 15 by Fever, 6 by Scarlatina, and 4 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 58.8°; at the Salford Observatory it was 57.5°; at Eccles 57.0°; and at Old Trafford 56.9°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment D

mireinan E.	1000					11	MA	псп	EST	ER.						
Area in Statute Acres Population in 1861							Manel			vnshi		,645 ,050				
		Po	or L	w D	ISTR10	ets.				Pu	BLIC :	Insti	TUTIO	NS,		
		v's	00			81.8		6.	R	OYAL	Infi	RMAR	y.	Сип	DREN	
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	Michael's	Total of Districts.	Workhouse.	In- patients.	Out.	District I.	District 11.	District III.	St. Mary's Hospital.	Clinical Hospital.	
	St. 1	St.	St. C	Cath	St. J	St	Total Distric	Won	Pati	Dati	Dist	Di	id I	St.	GI Ho	7.00
	1	2	3	4	5	6		7	8	9	10	11	12	13	14	1
Small-pox									3							- Control
Measles	3		1	1	1		6		1			3	••	1	1	
Scarlet Fever			2		1	2	5				1		1			
Diphtheria																
Whooping-cough			1				1							8	6	1
Croup					1		1									
Diarrhœa	3	1	1	1		8	9			5		1	1	24	14	۱
Dysentery																
Malignant Cholera																
Erysipelas					2		2	1			1	1				
Continued Fever	a2		1		al		4	1				:03				
Typhus					a1	3	4	6	1				1			-
Enteric or Typhoid								1	3							1
Febricula	1			5			6	2		1	-	2	1	10	8	
Ague															1	١
Rheumatic Fever								1	1	3	2		1			ı
Puerperal Fever																
Bronchitis and Catarrh	3	3	5	2	3	6	22	5	1	18				6	19	
Influenza															1	
Pleurisy and Pneumonia				1			1	1			1.					1
Phthisis Constitutional Syphilis		1		1			1	9		23	3	1	3	4	2	
All other Diseases	22	10	21	14		10	77	56		160	3	- 5	7	54	63	
Accidents		í			2	1	4	5	18	122	1				3	
TOTAL	34	16	32	25	12	25	144	90	35	339	12	13	15	107	118	-

Medical Officers to whom the Association

⁽¹⁾ Mr. R. M. MANN. (2) "J. BROADBENT, (3) "EDWARD MEACHAM, (4) "JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) "J. P. SLEIGHTHOLME, (12) "H. O. PILKINGTON.

⁽¹³⁾ Mr. H. RUNCORI (14) ,, W. M. MACC. (15) ,, J. OGDEN FI (16) Dr. A. C. CLARKI

N.B. - Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 2nd day of October, 1869.

SALFORD. BULME CHORL-ARD PENDLETON	
SALFORD. RULME, GHORL-ARD- PENDLETON WICK & PENDLEBURY.	
1,329 477 646 508 2650 Area in Statute.A	res.
70,967 68,209 44,850. 21739 24,448 Population in 186	
District Institutions. Districts Districts Districts District Districts District Districts Districts Districts District Distric	
Sasemany. Corresponding Weel last Year. Corresponding Weel last Year. Corresponding Weel last Year.	DEATHS
4 2 10 1 Small-pox	
1 13 6 Measles	1
	1
Diphtheria	
1 1 1 1 19 Whooping-cough	
	1
1 3 5 3 1 1 1 3 1 4 81 91 Diarrhœa	3
1 1 2 1 Dysentery	
1	
2 2 1 1 11 47 Continued Fever	
1 al 4 6 25 55 Typhus	1
1 1 7 21 Eateric or Typhoid	
3 3 2 2 4 46 68 Febricula	
1 1 1 1 1 2 15 16 Rheumatic Fever .	
1 5 3 27 2 2 2 12 2 1 3 141 181 Bronchitis & Cats	
3 2 9 26 Pleurisy & Pneumo	nia. 1
1 1 15 1 4 2 3 67 79 Phthisis	
4 1 2 3 4 33 30 Constitutional Sypt 4 9 17 97 4 6 4 2 14 27 3 22 33 711 752 All other diseases .	1 1 1 1 1 1 1
2 75 1 4 16 25 1 278 360 Accidents	
12 21 25 235 8 9 12 7 30 70 7 56 60 1488 1810 TOTAL	
TOTAL.	-107

adebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

e report of the Association, and has, as far as practicable, been taken into account in the conclusion n from the weekly returns.

Weekly Return of Births and Deat's in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	·· ·· ·· ·· ·· ·· ·· ·· ·· ··	2 3 2 3 4 14	1 1 1 3 11	··· ··· ··· ··· ··· ··· ··· ··· ··· ··	· · · · · · · · · · · · · · · · · · ·	1 1 2 3 12	1 6 2 5 18	 13	1 1 3 3 4 7	5 1 6 10	·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	2 4 2 6 32 15 44 113	1 3 1 61 48 27 27 109
TOTAL NO. OF DEATHS.	35	29	17	6	11	19	32	14	19	23	12	217	257
TOTAL NO. OF BIRTHS.	39	46	15	10	8	29	31	17	26	97	23	341	339

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marvlebone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.
Population in 1861, 390,815.

4 Weeks ending 29th May.	Weeks ending 20th June.	5 Weeks ending 31st July.	TOTAL.	DISEASES.	4 Weeks ending 29th May.	4 Weeks ending 26th June.		TOTAL
10 32 33 5 70 2 206 29 11	7 24 46 7 113 2 338 2 18 12 4 47	3 51 64 4 86 4 1467 9 1 19 17 2 3 64 2	20 107 143 16 274 8 2011 11 6 60 42 8	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Croup Diarrheea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague	19 1 132 1 22 47 51 29 114	48 82 60 29 3 159 6 1 14 41 57 12 169	44 92 85 43 1 533 13 21 47 67 19 157	139 256 199 91 5 824 20 1 57 135 175 60 440 1 203
1 47 613 6 34 84 16 3322 4562	560 4 37 92 23 3585	56 573 7 34 104 24 4536	137 1746 17 105 280 63 11443	Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Diseases.	069	1 643 4 73 268 122 3924 5790	658 12 93 360 162 4766	1 2000 17 238 855 400 12269 18386

	Salford Dreteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.Vernon, Esq	Eccles, T.Mackerfiese	Wilmslow, J.Thompson, Esq.	Fenketh, Warrington
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest	108 ft. 188, 29:708 29:883 29:457 0:426	123 ft. 18*. 29*16 29*896 29*448 0-448	145 ft. 188. 29:708 20:883 29:457 0:426	251 ft. 1N8. 2=:692 29:786 29:324 6:462	43 ft. 188. 29-693 29-974 29-542 0-432
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Fiverometrical condition of	70·1 49·3 50·0	56·9 22·7 13·2 68·5 45·8 51·5	57:0 23:6 13:3 69:1 45:5 52:2	56.7 21.4 11.7 68.9 47.5 49.8	58·1 25·4 13·4 68·8 43·4 51·8
the Atmosphere. Degree of Humidity (Saturation-1,000)	018. 0.761	0.822	0.840	018. 0.774	0.79
Prevailing Winds	SW,SE 1:443	SW.S,NE 1:456	SW,SE 1.459	S,SW,W 1.378	8,SE 1.455
MoffatSchonbein	0.57	1·43 0·29	2.14	7:57	::::

COMMUNICATED TO THE

Manchester und Salford Samitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, OCTOBER 9, 1869.

No. 480.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, October the 9th, 1461 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1488, and in the corresponding week of last year it was 1728. The deaths in public practice during the week amounted to 52, being at the rate of 1 death to every 28 cases.

There is no decrease in the cases of Small-Pox; 11 cases were observed during the week, being one more than in the preceding return. Two of the cases occurred in Manchester, 5 in Salford, 1 in Hulme, and 3 in Chorlton.

There is a marked decrease in the number of the cases of Measles, 5 being returned instead of 13; 4 of these were observed in Manchester and 1 in Chorlton.

The returns of Scarlatina have of late been fluctuating; on the whole, however, this disease seems to be declining. The numbers for the last three weeks were 14, 9, and 13.

The cases of Whooping-Cough have fallen from 19 to 15; 10 of these cases were treated at the Children's Hospital.

Diarrhea and Dysentery are steadily decreasing in prevalency; the numbers for the last three weeks were 114, 83, and 65.

The Fever return is not satisfactory, the number having risen from 41 to 54. Nineteen of these were assigned to Continued Fever, 20 to Typhus, and 15 to Typhoid Fever. This return, however, bears favourable comparison with that of the corresponding week of last year, which was 142.

The cases of Bronchitis and other acute chest diseases have risen from 151 to 176.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 204 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Forty-eight deaths were caused by Diseases of the Lungs, 28 by Diarrhœa, 14 by Fever, and 7 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 56.7°; at the Salford Observatory it was 57.6°; at Eccles 56.8°; and at Old Trafford 56.4°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I New Cases of Disease coming under Treatment D

							MAN	CH	ESTI	CR.						
Area in Statute Acres Population in 1861						1	Manel		r Tow		1, 185,	645				
ropulation in 1001					STRIC	TS.					slic I	NSTI	TUTIO	NS.		
	1	00				00			R	OYAL	INFI	RMAR	у.	CHIL	DREN	
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	Michael's	Total of Districts.	Workhouse.	In- patients.	Out- patients.	District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	
alma kanakan	1 8 1	S St.	St.	4 Cat	g St.	9 St.	Tot	7	8 pat	9 bad	10	11	12	13	14	
Small-pox									2							
Measles								1	1					1	1	
Scarlet Fever					2	1	s		1			1	1	1		
Diphtheria										7.						
Whooping-cough				2			2							5	5	
Croup																
Diarrhœa		2	1				3	1		3			1	15	11	
Dysentery	2					1	3							1		
Malignant Cholera																
Erysipelas																
Continued Fever			2		a2		4	8						2		
Typhus	0.5					1	1	11					1			
Enteric or Typhoid	al				1		2	2	3		2					
Febricula						2	2	2		1			2	3	3	
Ague																
Rheumatic Fever									1		1	1				
Puerperal Fever																
Bronchitis and Catarrh	4	3	5	3	2	4	21	7		19	2	4	2	2	20	
Influenza							**									
Pleurisy and Pneumonia						1		9	1	21	1	1	3	2	2	
Phthisis		3		1	**	3	5	9	1	13	i				1	
Constitutional Syphilis All other Diseases	28	4	12	13	5	22	84	60	16	122	4"	3	16	72	55	
Accidents	3	1				3	7	4	19	113	4	1				
TOTAL	38	-	20	19	12	38	11	111	44	292	15	11	26	104	98	
	a	Remo	red to	Work	house.	******	MOUSE THE PARTY	30417 Miles	ved to				NAME OF TAXABLE PARTY.	-	-	

Medical Officers to whom the Association

⁽¹⁾ Mr. R. M. MANN. (2) "J. BROADBENT, (3) "EDWARD MEACHAM, (4) "JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD. (7) Mr. J. WESTMORELAND, (8) "J. P. SLEIGHTHOLME, (11) Mr. C. CURRIE RITCHIE, (11) "W. H. CARRUTHERS, (12) ", H. O. PILKINGTON.

⁽¹³⁾ Mr. H. RUNCOR (14) ", W. M. MACC (15) ", J. OGDEN P (16) Dr. A. C. CLARK

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 9th day of October, 1869.

NAME OF TAXABLE PARTY.	-	SHAPE OF	CT LOCK	NO CHICKEN	NAME OF TAXABLE PARTY.	article of	TOTAL PROPERTY.	DEPOSITOR OF THE PERSON OF THE	NO CONTRACTOR OF THE PERSON OF	concus	CETTONIC	NAME OF TAXABLE PARTY.	ovien more many	or other lands	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	Name of Street
S	ALF	ORD),		H	ULM	E.		RL-	ARD- WICK		ENI	LEBU	N RY.		
	3	329 967.				477.							2650 24,448.		Area in Statute Acres.	
DR LA			PUBLI			or La	_			-	-		1		Population in 1861.	
DISTR			TITUT			STRIC		trict		District.	Ancoats	uo.		/eek		ŝ
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law District.	Dispensary.	Poor Law Die	Ardwick & Anco Dispensary.	Chorlton Union Workhouse.	Total	Cerresponding W. last Year.	DISEASES.	DEATH
17	18	19	20	21	22	23	24	25	26	27	28	29		Corr		-
7.1	10	19	20	21			27	20	-	-		_		-		7
		5					1					3	11	3	Small-pox	
												1	5	1	Measles	
			2								2	1	13	88	Scarlet Fever	1
														3	Diphtheria	
									2				15		Whooping-cough	
															Croup	
	1		3	7			2	2	5			2	61	65	Diarrhœa	6
													4	2	Dysentery	
															Malignant Cholera	
**						1						1	2	9	Erysipelas	
		2	3		1	<i>b</i> 2				2			19	56	Continued Fever	
			2					αl	2			2	20	63	Typhus	8
			1					82				1	15	23	Eateric or Typhoid	1
	2		3	1			3	3	4			3	34	59	Febricula	
															Ague	
		I		1						2			7	12	Rheumatic Fever	
														1	Puerperal Fever	
1	1	2	38	2	2	2	2	3	13	2	3	10	166	225	Bronchitis & Catarrh	5
														9	Influenza	
			4								.2		10	20	Pleurisy & Pneumonia.	1
2	1	1	11		1			1	4	1	4	5	76	56	Phthisis	7
			7	2	1			2				6	47	40	Constitutional Syphilis	2
7	6	13	98	1	5	4	1	15	33	5	22	42		740	All other diseases	16
3	••		61		• •	••		1	14		26	3	256	253	Accidents	
13	11	24	233	14	10	9	9	30	77	12	59	80	1461	1728	TOTAL	52
																-

ndebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

he report of the Association, and has, as far as practicable, been taken into account in the conclusion wn from the weekly returns.

Weekly Return of Birthe and Deat is in Manchester and Salfurd.

Causes of Death.	Ancoats District. Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis Mr. Tromason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox. Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes.	1 2 5 8 16	1 4 2 2 9 10	1 6 7 10		3 2 6	1 1 2 7	 1 3 2 6 18	3 8	1 3 1 6 4	 3 1 3 15	·· · · · · · · · · · · · · · · · · · ·	2 7 28 14 48 101	1 48 30 32 54 125
TOTAL NO. OF DEATHS.	32	28	24	7	11	12	30	14	16	22	8	204	290
TOTAL NO. OF BIRTHS.	46	52	16	20	19	20	28	22	29	43	19	314	2×8

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 181680.

At Pauper, Charitable, and Public Institutions in Maschester and Salsons.

Population in 1861, 390,815.

4 Weeks ending 26th June.	5 Weeks ending 31st July.	4 Weeks ending 28th August.	TOTAL.	DISEASES.	Weeks ending 26th June.	5 Weeks ending 31st July.	4 Weeks ending 28th August.	TOTAL
7 24 46 7 113 2 338 2 18 12 4 47 47 434 34 35 560 4 37 92	3 51 64 4 86 4 1467 9 1 19 17 2 3 64 2 5 5 7 3 1 1 19 10 10 10 10 10 10 10 10 10 10 10 10 10	5 39 59 1 78 5 1250 4 13 20 2 6 55 1 43 424 	15 114 169 12 282 11 3055 15 1 50 49 4 13 166 7 133 166 7	Small-pox Measles Scariet Fever Diphtheria Whooping-cough Croup Diarrhea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis	48 82 60 29 3 159 6 1 144 41 57 12 169 1 73 1 1643 4 738 268 122	44 92 85 43 13 21 47 67 19 157 65 688 12 93 360 162	24 39 54 3 32 6 629 24 17 54 55 28 147 1 21 465 465 	116 213 199 3 104 10 1321 43 1 52 142 179 59 473 2 159 11 1796 16 22) 911 418
23 8585	24 4536	29 3561	76 11682	Constitutional Syphilis	3924	4766	3805	12495
4964	7130	5708	17802	TOTAL	5790	7268	5880	18938

	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.Vernox, Esq	Eccles, T.MackenerhEso	Wilmslow, J.Tuompson, Esq.	Penketh, Warrington L.W.Reynolds Esq.
Height of barometer cistern above sea level Mean @ 32°F, and reduced to sea level. Highest	108 ft. 188, 30-139 30-161 29-835 0-326	123 ft. 188. 30:154 30:173 29:808 0:365	145 ft. 1NS. 30-139 50-161 29-835 0-326	251 ft. 1NS. 30:139 30:048 29:710 6:338	43 ft. 1NS. 30-129 30-240 29 914 0-326
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	74-1	56-4 33-0 17-3 75-0 43-0 50-6 6R8- 0-810	56.8 33.1 16.1 75.5 42.4 53.0 688, 0.879	55:1 25:1 14:9 71:3 46:2 49:4 688. 0:817	55·9 30·3 17·9 72·8 42·5 52·2 Grs. 0·876
Degree of Humidity (Saturation—1,000) Prevailing Winds	SE,S 0.577	S,E 0:738	SE,S 0:807	SW 1.528	E SE 0.322
MoffatSchonbein			0.57	5:14	

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.

WEEK ENDING SATURDAY, OCTOBER 16, 1869.

No. 481.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, October the 16th, 1471 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1461, and in the corresponding week of last year it was 1558. The deaths in public practice during the week amounted to 58, being at the rate of 1 death to every 25 cases.

There is a decided improvement in the Small-Pox return, 3 cases being reported instead of 11; 1 of these occurred in Manchester, and 2 in Chorlton.

Measles is very prevalent in the Township of Manchester; 20 cases were observed during the week, 19 in Manchester and 1 in Salford.

Though Scarlatina is becoming more and more prevalent in other large towns it is declining in Manchester and Salford, the number of cases having fallen from 13 to 8; 1 of these occurred in Manchester, 3 in Salford, 1 in Ardwick, and 3 in Chorlton. In the corresponding week of last year the number was 53.

There is a slight decrease in the cases of Whooping-Cough, the numbers for the last three weeks being 19, 15 and 12.

There is a considerable decrease in the cases of Fever, the number having fallen from 54 to 37; 18 of these were assigned to Continued Fever, 12 to Typhus, and 7 to Typhoid Fever. In the corresponding week of last year the number was 121.

The cases of Bronchitis and other acute chest diseases have risen from 176 to 187.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 245 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Sixty-three deaths were caused by Diseases of the Lungs, 20 by Diarrhoea, 12 by Fever, and 9 each by Scarlatina and Whooping Cough.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 54.5°; at the Salford Observatory it was 54.6°; at Eccles 54.4°; and at Old Trafford 54.4°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALE

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment L

HVAIN JUCKA-	0.15	HI	NE	5	UJ	UAL	MA	NCH	EST	ER.			71	I.J.	16	
Area in Statute Acres	00 10 cm						Mane	heste	r To	vnshi		,645				
Population in 1861			_		••••	• • •	,	,		,,	-	,050	•••		••••	
		Po	or L	AW D	ISTRI	CTS.			AX	Pu	BLIC	Insti	TUTI	ons.		
TOR AL GOOD AL GOOD	00	W's	00	ka	la gra	e s	1	80.	1	LOYAL	INFI	RMAH	v	Сви	DREN	110
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	Michael's	of cts.	Workhouse.	nts.	nts.	let 1	District II.	District III.	Hospital	Clinical Hospital.	0
	St. P	St. A	St. G	Catho	St. J.	St. N	Total of Districts.	Worl	In- patients.	Out-	District	Dist	Dist	St. Mary Hospital	Clir	Otto:
Chartmate, and Rublin	1	2	3	4	5	6	-	7	8	9	10	11	12	13	14	1
Small-pox							lette.	1								
Measles			4		3	8	15					2	1		1	
Scarlet Fever						1	1		1.0	2.0						
Diphtheria																
Whooping-cough				1			1							6	2	
Croup		1					1							1.0	1	
Diarrhœa	1	2	1		1	3	8	2		3		2		14	11	
Dysentery						1	1							1		1.
Malignant Cholera																
Erysipelas			1	1			81,			1						
Continued Fever	al				a2		3	2	1.1					1		
Typhus						1	1	5								
Enteric or Typhoid							١							000		
Febricula	1					1	2		1		1	1	2	7	2	
Ague																
Rheumatic Fever					1		1			6	3	2	2			-
Puerperal Fever																
Bronchitis and Catarrh	3	3	3	3	2	8	22	6	2	28		1	4	6	12	
Influenza																3
Pleurisy and Pneumonia				1			1	1		9			1		3	
Phthisis		1				1	2	8		15		1	1	2	1	
Constitutional Syphilis All other Discuses	25	9	13	7	7	4 14	75	67	32	3 126	1 3	1	6	75	95	
Accidents	20	1				3	4	3	19	119	1	1	1		95	
TOTAL	32	17	22	12	16	45	144	102	54	301	9	11	18		129	1
	-		_	Workh	-							77		TILL	3000	

Medical Officers to whom the Associatio

¹⁾ Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, 4 ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME,

⁽⁹⁾ (10) (11) (11) (12) Mr. C. CURRIE RIFCHIE, (11) W. H. CARRUTHERS, (12) , H. O. PILKINGTON.

⁽¹³⁾ Mr. H. RUNCOR (14) ,, W. M. MACC (15) ,, J. OGDEN F. (16) Dr. A. C. CLARKI

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 16th day of October, 1869.

	-			-	_		-	-	-	-	-	-	-	-	100		
		SALI	POR	D.		B	ULM	E.	CH	ORL.	ARD		PEN	DLET	IN.		
		1,	329			1	477		6	-	508	-		2650.	-		
		70.	967.			1	38,20		. 44			1		24,148		to contact Meres.	
001		w	1	PUBL			on L	ΑW		1	-	15	1	1	6	Population in 1861.	
D:	ISTR	1CT	INS	STITUT	TIONS.	D	I-TRI	CTS	District		District	6.19	no no		eek	Ct. marred an are	
	Road.	Road	9	1 5	lot	00	1	00	Dis	1	ig.	wick & Anec.	Union		N 20 1		ATHS
	t B	t B	onoc	ISSI	Salford inty Gao	George's.	Sk.	Philip's	A W	sar	Law	ik &			din	DISEASES.	F
	Regent 1	No.	Workhouse.	Dispensary.	Salford County Gaol	Ge	Medlock.	13	Poor Law	Dispensary.	Poor I	Ardwick	Choriton Univ	Total	pon	a comment whiteen	EA
		E	0.5				1	St.			1000		S		Corresponding Verr	relevante primari a la paración y	0
	17	18	19	20	21	22	23	24	25	26	27	28	29		3	a I at petilinger	
													2	3	1	Small-pox	1
				1										20	11	Measles	1
				3					1			1	2	8	53	Scarlet Fever	1
													**			Diphtheria	
										3				12		Whooping-cough	
	••													2		Croup	1
				5	4			2		4		1	3	67	46	Diarrhœa	3
									. 1					3	1	Dysentery	
																Malignant Cholera	
													1	4	10	Erysipelas	
	••		2	4		a2					1	2	1	18	51	Continued Fever	1
				1						1			3	12	49	Typhus	3
1				2		1							1	7	21	Enteric or Typhoid	2
		1		2	1	1		3		5		1	2	34	41	Febricula	
																Ague	
13						1					2	2		20	20	Rheumatic Feyer	
																Puerperal Fever	
	1	5		40	1	1	1	1	6	12	2	5	9	172	214	Bronchitis & Catarrh	6
															12	The state of the s	
				9					3				"	15	21	A COLUMN TO SERVICE AND ADDRESS OF THE PARTY	2
		2		5				2	5	3		2	4 3	57	64		11
	3 4	2 14	5	76	2	5	5	1 4		35		13	49	39	30		
	11		-	55		1				11	4	25	3	100000	697	CONTRACTOR OF STREET	25
-	-			-		-				-1				-	216	200000000000000000000000000000000000000	1
	8	24	7 1	206	8	12	6	13	6	74	9	53	83	1471	1558	TOTAL	58
-	-	-		1000		-	-	-	-	-	-						

ndebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

e report of the Association, and has, as far as practicable, been taken into account in the conclusion

Weekly Return of Births and Deatis in Manchester and Balford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhea Fever Diseases of the Lungs Other causes	 1 3 3 8 14	3 2 3 1 8 13	 1 1 6 3 19	4	1 2 4 4	1 2 2 3 9 13	 5 21	2	 2 2 1 1 3 12	1 1 1 5 15 9	:: :: :: :2 8	2 1 9 9 20 12 63 129	4 1 52 17 34 53 141
TOTAL NO. OF BIRTHS.	29	30	30	12	11	30	27	12	21	32	11	315	305

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161639.

At Pauper, Charitable, and Public Institutions in Manchester and Salvord.

Population in 1861, 399,815.

5 Weeks ending 31st July.	4 Weeks ending 28th August	Weeks ending 25th Sept.	TOTAL.	DISEASES.	5 Weeks ending 3:st July.	4 Weeks ending 28th August.	4 Weeks ending 25th Sept.	TOTAL
3	5	5	13	8mall-pox	44	24	24	92
51	39	27	117		92	89	39	170
64	59	93	219	Scarlet Fever	85	54	64	203
4	1		5	Diphtheria	11	3	**	3 118
86	78	51	215	Whooping-cough	43	32 6	43	9
4	5	4	13	Croup	533	629	2	1606
1467	1250	785	3502	Diarrhea	13	24	444	50
9	4	3	16	Dysentery	2.7.5		10	00
1	::	41	56	Malignant Cholera	ži	17	18	56
19 17	13	24 28	65		47	54	48	149
	20	28	5	Typhus	67	55	58	180
2	6	10	19	Enteric or Typhoid	19	28	47	94
64	55	46	165	Febricula	157	147	119	423
2 3 64 2	1	2	5			1	1	2
56	43	38	137	Rheumatic Fever	65	21	34	120
200				Puerperal Fever			1	1
573	424	477	1474	Bronchitis and Catarrh	688	465	520	1673
7			7	Influenza	12	::	1	13
34	34	33	100	Pleurisy and Pneumonia	93	59	56	208 901
104	79	89	272	Phthisis	360	283	258	427
24	29	19	72	Constitutional Syphilis	162	134 3805	131 3833	12404
4536	3561	3578	11675	Accidents, and all other Diseases	4766	3503	0000	12101
7130	5708	5315	18153	TOTAL	7268	5880	5754	18902

20 20 Dansande Perendente de la	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.Vernon, Esq	Eccles, T.Mackerheres	Wilmslow, J.Thourson, Esq	Penketh, Warrington L.W.Reynolds Esq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F,. and reduced to sea level. Highest	9:3 72:7 44:1	123 ft. 1N8. 29:914 30:107 28:972 1:135 54:4 31:0 13:4 74:0 43:0 50:6 6n8. 0:871	145 ft. 1N8. 29:903 50:125 29:215 0:910 54:4 31:7 12:8 74:5 42:8 50:9 GRS. 0:878	251 ft. INS. 29:006 30:006 29:026 0:976 54:2 28:6 10:3 71:2 42:6 49:6 ORS. 0:836	43 ft. 1NS. 29-895 30-180 29-264 0-916 55-6 29-2 11-9 73-7 44-5 50-4 ORS. 0-834
Prevailing Winds Rain Ozonometer. Moffat Schonbein	W,SW 1·197 0·42	8W,8 1·230 3·43 0·71	W,SW 1.000 4.28	6·657	S NW 0.521

COMMUNICATED TO THE

Manchester und Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, OCTOBER 23, 1869.

No. 482.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, October the 23rd, 1514 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1471, and in the corresponding week of last year it was 1519. The deaths in public practice during the week amounted to 49, being at the rate of 1 death to every 30 cases.

Small-Pox still holds its ground. The number of cases has risen from 3 to 5; 4 of these occurred in the Township of Manchester and 1 in Salford.

There is an improvement in the return of Measles, 10 cases being reported instead of 20. This improvement is, however, confined to public practice, as there was an increase of 7 deaths from this disease during the week in the whole of Manchester and Salford.

The cases of Scarlatina have risen in number from 8 to 21; 13 of these occurred in Manchester, 2 in Salford, 1 in Hulme, 2 in Chorlton, and 3 in Ardwick.

Whooping-Cough now figures weekly in the return, and is becoming one of the most prominent of the zymotic class of diseases as a cause of death; 29 cases of this disease were observed in the public practice of the week.

Diarrhœa and Dysentery are declining in prevalency, the numbers for the last two weeks being 70 and 56.

The Fever return is unsatisfactory, 57 cases of the severer forms having occurred during the week; 24 were assigned to Continued Fever, 23 to Typhus, and 10 to Typhoid Fever. Chorlton contributed 18 cases, next in order comes Salford with 16 cases, then Manchester with 14, and lastly Hulme and Ardwick with 6 and 3 cases respectively.

There is with the advance of the season a marked increase in the cases of Bronchitis and other acute chest diseases; 216 cases occurred during the week, being 29 more than in the preceding return.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 222 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Fifty-seven deaths were caused by Diseases of the Lungs, 19 by Diarrhæa, 14 by Scarlatina, 9 by Fever, and 8 each by Whooping Cough and Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 42.7°; at the Salford Observatory it was 42.6°; at Eccles 42.1°; and at Old Trafford 42.0°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment 1

							MA	NCH	EST	ER.						
Area in Statute Acres							Mane	heste	r Tov	vnshi		,645				
Population in 1861			_		_	• • •	,	,		19		0.50				
000 6 400 55	40	Po	or L.	AW D	ISTRI	cts.				Pu	BLIC	Insti	TUTIO	ons.		
		8, 8	00			el's	1	e.	F	COYAL	INFI	RMAB	v	-	DREN	-113
DISEASES.	Peter's	Andrew'	George's	dral	Jude's	Michael's	of sts.	Workhouse.	ts.	rts.	ct J.	rict	rier .	Mary's	Clinical Hospital.	
Diddinono.	. Pe		r. Ge	Cathedral		St. M	Total of Districts.	Vork	In- patients.	Out- patients.	District	District 11.	District TTI.	St Mary Hospital	Clin	1
Manualmilia la ateaz per	1 8 1	St.	St.	4	St.	6	- A	7	8	9	10	11	12	13	14	1
	-	_	-	-	_	-	-				-	-		-		-
Small-pox	••			al			1	1	2							
Measles		1	3			3	7					1		••		1
Scarlet Fever	1	1			2		4		2	**		65	1		1	
Diphtheria																
Whooping-cough			3				1							10	3	
Croup																
Diarrhœa		1				4	5	1		2		1	1	11	8	ı
Dysentery																
Malignant Cholera																
Erysipelas	3						3					1				
Continued Fever	al	al	2				4	3		.,						
Typhus			1				1	3								I
								1	1		1					
Enteric or Typhoid								1	2	3		1	5	2	2	
Febricula																1
Ague																1
Rheumatic Fever						••		1			2	2	2			The same of
Puerperal Rever		••	••							••						9
Bronchitis and Catarrh	5	3	1	10	2	16	37	6		25		1	8	4	14	
Influenza																
Pleurisy and Pneumonia						1	3	6		19	1		2	3	3	
Phthisis Constitutional Syphilis	**	1		2	1	1	3	12		7						
All other Diseases	13	9	17	12	5	14	70	48	17	126	8	4	4	72	68	
Accidents	2					1	8	2		123	3					
TOTAL	25	17	25	25	10	41	143	80	88	305	15	16	23	102	100	-
	-	emov			ouse.	1	1 Sent	to In			er Wa	rd.	e 2	Remo	ved to	1
					,		M	edic	al O	ficer:	s to	whon	n the	Ass	ocia	ti
	Dr. L	CTAV EDW WES	ARD.			(9) (10) (11)	Mr. C.	CUR	RIEF		IE,	(14) Mr.	H. R W. 2 J. Oc A. C.	UNC I. MA GDEN	0

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 23rd day of October, 1869.

and the same of	-	-	-	THE RELAK	no Albert	-	-	-	N. MINISTRA	Andrew (SEE)	-	-	-	-		-
	SALF	ORD).		R	ULM	E.	CHO)RL-	ARD		PENI	LEBU	RY.		
		329 967.						64		508 21739			2650., 24,148		The state of the s	
ook L	1000		PUBL		1	or L		-	000.	-	2	,	1	1	Population in 1861.	
Disti				IGNS.		STRIC		District		District	Aneca	non .		Veek		10
Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law Die	Dispensary.	Poor Law	Ardwick & Dispense	Choriton Union Workhouse.		Cerresponding W	DISEASES.	DEATHS.
17	18	19	20	21	22	23	24	25	26	27	28	29		3		
			1							,.			5		Small-pox	
1			1										10	9	Measles	1
			2				1	2		2	1		21	41	Scarlet Fever	
															Diphtheria	
			1					3	5			6	29	2	Whooping-cough	2
															Croup	1
			5	4		1		1	3		1	2	52	41	Diarrhœa	2
			2					1					4	3	Dysentery	
															Malignant Cholera	
							1						6	7	Erysipelas	
		5	3		α6					2		1	24	39	Continued Fever	
			3					c5				11	23	56	Typhus	
1			4								1	1	10	25	Enteric or Typhoid	1
1			5		2			1	4		2	2	35	45	Febricula	
															Ague	
1												1	9	18	Rheumatic Fever	
															Puerperal Fever	
7	2	3	87	6	1	3		6	16	3	4	16	209	256	Bronchitis & Catarrh	9
														6	Influenza	
							.:		::	1			7	20	Pleurisy & Pneumonia.	
2	1		7	1		1	1	3	4		1	5	65 45	57 38	Phthisis Constitutional Syphilis	10 2
2	13	25	18	2	7	9	12	11	37	8	10	51	1000	627	All other diseases	14
1			65			1	2		13		19	1		229	Accidents	7
27	16		33	14	16	15	18	36	82	16	-	102	1514		TOTAL	49
21	200	00	-03			-										

ndebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L. WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return of Birthe and Deat's in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgâte Dis., Mr. Thomason.	Greengate Dis., Mr. Bowet.	Regent-rd. Dis., Mr. Upple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M.,	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total	Corres- jonding week last year.
Small Pox	··· ·· · · · · · · · · · · · · · · · ·	5 2 5 2 3 9 15	1 1 10 14	1 1 1 1 5	 1 1 3 2	3 2 1 4 5	3 3 13	1 3	1 1 5 9	1 4 6 11 11	·· · · · · · · · · · · · ·	1 8 8 11 19 9 57 106	1 1 51 18 22 76 124
TOTAL NO. OF DEATHS.	24	41	26	10	7	15	20	7	17	39	16	223	293
TOTAL NO. OF BIRTHS.	37	51	8	18	20	34	41	13	36	53	23	337	303

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marvlebone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.

Population in 1861, 390,815.

5 Weeks en ding 31st July.	4 Weeks ending 28th August	Weeks ending 25th Sept.	TOTAL.	DISEASES.	5 Weeks ending 31st July.	4 Weeks ending 28th August	4 Weeks ending 25th Sept.	TOTAL
3 51 64 4 86 4 1467 9 17 2 3 64 2 56 573 7 31 104 4 4556	5 39 59 1 78 5 1230 4 13 20 2 6 55 1 43 424 34 79 29 3561	5 27 95 51 4 785 3 24 28 1 10 46 47 2 38 477 32 89 93578	13 117 219 5 215 13 3502 16 16 5 5 19 165 5 137 1474 7 100 272 72 11675	Measles Measles Scarlet Fever Diphtheria Whooping-cough Croup Diarrhœa Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Diseases	44 92 85 43 1 533 13 21 47 67 19 157 65 65 93 360 142 4766	24 39 54 3 32 6 6 29 24 17 54 55 28 147 1 21 465 59 283 283 320 320 47 47 465 47 485 485 485 485 485 485 485 485 485 485	24 39 64 43 2 444 13 18 48 58 47 119 1 520 258 258 258 131 3833	92 170 203 3 118 9 1606 50 56 149 150 94 423 2 129 1 16:3 13 208 901 427 12404
7130	-5708	5315	18153	TOTAL	7268	5880	5754	18902

	Baiford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles , Т.МасквентиЕво	Wilmslow, J.Thonreon, Esq	Penketh, Warrington
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest	20.018 30.0385 29.277 1.118 42.6 21.6 11.1 54.4 32.8	123 ft. 1N8. 30 034 30 406 29 296 1 110 42 0 25 9 16 1 54 9 29 0 35 3 688. 0 780	145 ft. 1N8. 30 018 50 395 29 377 1:118 42:1 30:0 15:5 58:5 28:6 37:1 GRS. 0:843	251 ft. 1NS. 30:036 30:308 20:150 1:158 41:9 28:1 15:8 54:6 26:5 35:0 ors. 0:781	43 ft. 1N8. 30-020 30-486 29-362 1-124 44-8 27-1 11.7 55-6 28-5 38-7 GRS. 0-792
Prevailing Winds Rain Ozonometer. Meffat Schonbein	W,N 6-507	NW,N 0·541 1·43 1·00	W,N 0-579 2-85	W,NW 9:511 4:85	N N W 0-575

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, OCTOBER 30, 1869.

No. 483.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, October the 30th, 1616 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1514, and in the corresponding week of last year it was 1614. The deaths in public practice during the week amounted to 58, being in the proportion of 1 death to every 27 cases.

Small-Pox seems to be again on the increase, the number of cases for the last three weeks being 3, 5, and 8. These 8 cases were equally divided between the townships of Manchester and Salford. The weekly returns of this disease, extending over many months, indicate that the provisions of the Vaccination Act have been less thoroughly carried out in Manchester and Salford than in the other townships included in the weekly return.

The cases of Measles have risen in number from 10 to 19. Measles especially prevails in the township of Manchester, 16 out of the 19 cases reported having occurred there.

There is an improvement in the return of Scarlatina, 12 cases being reported instead of 21. Eight of these cases were observed in Manchester, 2 in Salford, and 1 each in Chorlton and Hulme. In the corresponding week of last year there were 44 cases.

The return of Whooping-Cough is not so high as it was in the previous week by 11 cases; 18 were observed, 10 in Manchester, 1 in Hulme, and 7 in Chorlton.

The Fever return still continues unsatisfactory; 60 cases occurred during the week.

Twenty-four were assigned to Continued Fever, 25 to Typhus, and 11 to Typhoid Fever.

Notwithstanding the lower mean temperature of the week, there was a decrease in the number of cases of Bronchitis and other acute chest diseases; 197 cases were returned, being 19 less than in the preceding week.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 262 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventy-nine deaths were caused by Diseases of the Lungs, 18 by Diarrhea, 13 by Scarlatina, 11 by Whooping-Cough, 10 by Fever, and 7 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 40.0°; at the Salford Observatory it was 41.6°; at Eccles 40.8°; and at Old Trafford 40.0°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment

1	MANCHESTER.															
Area in Statute Acres							Mane	hesto	er To	wnshi		,645				
Population in 1861						• • • •	-	,,		,,	18	5,050		• • • •		
		Po	or L	AW D	ISTE	CTS.		1_		Pu	BLIC	Inst	TUTIO	ONS.		
100 at 100 A		W'8	00	1	l in	e	1	e.	1	ROYAL	INF	RMAI	v.	Свп	DREN	100
DISEASES.	Peter's	Andrew'	George's	dral	Jude's	Michael's	of cts.	Workhouse.	ts.	tt.	et 1.	rict	riet L.	ary's	ical	Gaol
Comment of the control of the contro	St. P	St. A	St. Ge	Cathedral	St. Ju	St. M	Total of Districts,	Vork	In- patients.	Out-	District	District 11.	District TIT.	St. Mary' Hospital	Clinical Hospital	City
State Water 16 again to	1	2	3	4	5	6	-	7	8	9	10	11	12	13	14	15
Small-pox				1		T.	-	-	3	-		-	al	-		
Measles	The sa		5			7	12		1	-	11		1	No.	4	1
Scarlet Fover		1	1		1	3	5	"	1	1000				1	1	
Continued and an inches		1				1										
Diphtheria		i	1.				1							6	3	1
Whooping-cough	1						1							0	3	
Croup																
Diarrhœa	1	3		1		2	7			6			1	11	4	3
Dysentery						2	2									
Malignant Cholera																
Erysipelas								1								2
Continued Fever	1		2		8		11	2						1		
Typhus				el		1	2	4				61	1			
Enteric or Typhoid	1						1		3						1	
Febricula	2					2	4	1				2	8	6	1	1
Ague																
Rheumatic Fever								1	1		. 1	1		1		
Puerperal Fever																
Puerperal Fever Bronchitis and Catarrh Influenza	5	8	2	8	2	6	31	8		13		4	2	9	11	3
Influenza																
Pleurisy and Pneumonia	1					1	2	1		2					2	
Phthisis		1		1			2	5	2	29	2	1	4			
Constitutional Syphilis All other Diseases	1	8	23	9		2 10	3	15	23	128	6	3	9	69	72	2
Accidents	20	8	23	1		1	71	2	13.50	136			3		72	4
TOTAL	35	20	33	21	12			rol		318	9	12	29		102	15
This 's Da solouli to			-	nall Fe	-		-		d to R			_		Remov		-
							M	edice	al Of	licers	to	chon	the	Asse	ociat	ion
(3) EDWARD MEACHAM, (7)M	Dr. L Ir. J.	EDW WES	ARD,	ELAN	ND.	(11) (Mr. C.	. H. C	ARRU	JTHE	RS,	(14	} "	H. R W. M J. 00	L MA	CCAL
(4) ,. JOHN WALSH. (8),	J. P.	SLEI	GHT	HOLM	E, j	(12))	" н	. O. P	ILKI	NGTO	N.	(16) Dr.	A. C.	CLAR	KE,

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 30th day of October, 1869.

PERSONA		Name and Address	-	-	MINE ARCH	THE OWNER OF THE OWNER,	STATE STATE STATE AND ADDRESS.	-	-	-						
	SALFORD. RULME.						E.	CH	ORL ON.	ARD	- A	PEN	DLET	ON		
	. 1	,329			1	477		-	_	-	-		2650.	_		
		0,967				68,20							24,148		Area in Statute Acres.	
oR I	A W	1	Pus	LIC	-	or I		-		-	-				Population in 1861.	
DIST	RICT	-	STITU	TIONS	D	ISTRI	CTS	District		ti.	10	. 10		Week		
Regent Road.	Road	Workhouse	Dispensary.	Salford nty Gaol	George's.	, i	Philip's	aw Dis	Dispensary.	Poor Law District.	wick & Anec	vorkton Union		Cerresponding W	DISEASES.	THS.
rent	Sent	rich	ben	Sall	Geo	Medlock.	Phi	Poor Law	perus	I.	Ardwick	Choriton	Fota	1. Dod tag	DIGERGES.	EA
Res	Regent	W.	Dis	Salfe	St	Med	St.	Poo	Dis	Poo	Ard	Cho		res	Can an an a	0
1'	7 18	19	9 20		22	23	24	25	26	27	28	28		3	To Challes To Station To	
1		1	1 1										8	3	Small-pox	
			. 2								1		19	5	Measles	1
			. 1			1						1	12	4-1	Scarlet Fever	
														1	Diphtheria	
			1		1			3	4				18	1	Whooping-cough	
			1											1	Croup	
	3		4	5								3	50	47	Diarrhœa	1
													2	4	Dysentery	
															Malignant Cholera	
													3	9	Erysipelas	
		2	2			2	1				1	2	24	55	Continued Fever	
			2					d6				9	25	45	Typhus	3
3			3										11	18	Enteric or Typhoid	3
			6	1	2		2	3	7		4	1	49	55	Febricula	
														1	Ague	
			33					1					39	16	Rheumatic Fever	
														1	Puerperal Fever	
12	5	3		8	4	3	2	8	20	4	6	20	184	256	Bronchitis & Catarrh	7
••														10		
1			3									1	13	37		.
3		3	8		2		1		5	1	2	4	75	63		4
2			96	1		1	2	2				5	46	45		
16	11	20	61		5	6	8	1881	45	4	17	60	1000	699		24
1	-				.2	••			17		25	1	277	200	_	5
39	20	28	230	15	16	13	16	37	98	9	56	107	1616	1614	TOTAL 5	8
emov	ed to V	Vorkh	louse.		-	-		-		-			-	-	-	_

debted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (15) " JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON, (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

e report of the Association, and has, as far as practicable, been taken into account in the conclusion n from the weekly returns.

Weekly Reinen of Birthe and Dratis in Alauchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. Georre's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Upple.	Pendleton Dis., Mr. Bowker.	Cheriton-on-M.,	Hulme Township, Mr. Sorby,	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox	3 4 13 11	 4 3 3 2 2 9 15	1 1 1 1 2 12 13	 1 6 8	1 1 1 7 8	1 1 3 1 6 7	1 2 1 7 18	 2 2 10	··· ·· · · · · · · · · · · · · · · · ·	1 4 6 1 12 19	i i 2 5	1 7 11 13 16 19 79 123	1 2 1 46 10 31 51
TOTAL NO. OF DEATHS.	31	38	35	15	18	19	31	14	10	43	8	263	253
TOTAL NO. OF BIRTHS.	49	43	9	15	18	21	42	21	33	57	23	331	283

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medicai Officer of Health, John Whitmore, M.D. Population in 1861, 161689.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 186!, 390,815.

	4 Weeks ending 28th August	Weeks ending 25th Sept.	TOTAL.	10	DISEASES.	5 Weeks ending 31st July.	4 Weeks ending 2sth August.	4 Weeks ending 25th Sept.	TOTAL
3 51 64 4	5 39 59 1 78	5 27 93	13 117 219 5 215		Small-pox Measies Scarlet Fever Diphtheria Whooping-cough	92 85 	24 89 54 3 33	21 39 64 	92 170 203 3 118
86 4 1467 9	1250 4	785 3	13 3502 16 1 56		Croup	533 13	6 629 24	2 444 13	9 1606 50
19 17 2 3 64	13 20 2 6 55	28 1 10 46	65 5 19 165		Continued Fever Typhus Enteric or Typhoid Febricula	47 67 19 157	54 55 28 147	48 58 47 119	149 150 94 423 2
56 573 7	424	38 477	137 1474 7	:::::::::::::::::::::::::::::::::::::::	Ague Rheunatic Fever Puerperal Fever Bronchtis and Catarrh Influenza	65 658 12	21 465	34 1 520 1 56	120 1 1673 13 208
34 104 24 4556	34 79 20 3561	32 89 19 3578	106 272 79 11675		Pleurisy and Pacumonia Phthisis Constitutional Syphilis lents, and all other Discases	360 162 4766	283 134 3805	258 131 3833	901 427 12404
7130	5708	5315	18153		TOTAL	7268	5880	5754	18902

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

A CAN PERSON AND A CONTRACT OF THE CONTRACT OF	Balford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.V.KENON, ESQ	Бселев, Т.Масккики Ево	Wilmslow, J.Tuompson, Esq	Penketh, Warrington L.W.Reynolds Esq.
Height of barometer cistern above sea level	108 ft. 188. 30:053 30:181 29:137 0:444	123 ft. 188. 30:072 30:100 20:760 0:440	145 ft. 1N8. 30 053 50 181 29 737 0 444	25! ft. 1N8. 30:070 30:084 2::650 0:434	43 ft. 1NS.
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	54·2 31·8 32·5	40·0 27·0 15·2 55·0 28·0 33·3	47:8 27:4 12:8 56:4 29:0 34:5	39:0 24:0 13:5 51:9 27:0 32:4	O RETURN.
Degree of Humidity (Saturation-1,000)	GRS. 0.703	0.776	0.784	0 784	NO
Prevailing Winds Rain Ozonometer Moffat Schonbein	NW 0.632	NW 0-538	NW 6-552 1-57	W.NW 9-365	

October 30, 1869.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.1

WEEK ENDING SATURDAY, NOVEMBER 6, 1869.

No. 484.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, November the 6th, 1592 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1616, and in the corresponding week of last year it was 1528. The deaths in public practice during the week amounted to 44, being in the proportion of 1 death to every 36 cases.

There is this week a decrease in the cases of Small-Pox, the number having fallen from 8 to 3. One case each was observed in Manchester, Salford, and Chorlton.

There is also an improvement under Measles, 10 cases being returned instead of 19; 7 of these 10 cases occurred in Manchester and 3 in Salford.

The cases of Scarlatina have risen from 12 to 19. The increase occurred in the Township of Manchester, where this disease is especially prevalent. Last week there were 8 cases in that Township against 4 in the other four Townships, this week there were 15 against 4 in Salford; the public practice of the three Townships of Hulme, Chorlton, and Ardwick being free from the disease.

Whooping-Cough is on the increase, the cases have risen in number from 18 to 33; 21 cases were observed in Manchester, 4 in Salford, and 8 in Chorlton.

There is but a slight improvement in the Fever return, 56 cases being reported instead of 60; 20 cases were assigned to Continued Fever, 21 to Typhus, and 15 to Typhoid Fever.

The cases of Bronchitis and other acute chest diseases have risen from 197 to 302.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 229 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Seventy-two deaths were caused by Diseases of the Lungs, 12 each by Scarlatina and Whooping-Cough, and 10 by Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 46.6°; at the Salford Observatory it was 48.0°; at Eccles 47.4°; and at Old Trafford 46.4°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS, PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment

Area in Statute Acres																
Population in 1861							,	,	,	,,	185	,050				
	- 14	Po	or L	w D	ISTRI	CTS.		Public Institutions.								
	80	W'8	80			el's		se.	B	COYAL			1	100	DREN	
DISEASES.	Peter's	Andrew's	George's	Cathedral	Jude's	Michael's	of cts.	Workhouse.	nts.	t- nts.	ict I	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	
	St. P	St. A	St. G	athe	St. Ju	St. M	Total of Districts.	Worl	In- patients.	Out- patients.	District	Dist	Dist	St. M	Clir	
ming the organization	1	2	3	4	5	6	50	7	8	9	10	11	12	13	14	1
Small-pox						-		1								
Measles	1		1			1	3			.,				1	3	
Scarlet Fever		97, 3	1			2	3	1	2		1	e3	2	2	1	
Diphtheria		100	H		601											
	3	1				1	4							10	7	1
Whooping-cough	1					2.5	1	"		1	**		1			Ì
Croup	**		**							3			.,	7	10	l
Diarrhœa	1		1		1	1	4	2						1	10	l
Dysentery				••			100			1	1					ı
Malignant Cholera	**		0.53										**	**		
Erysipelas	1					1	2	2					**	25.		
Continued Fever			1	<i>b</i> 1	61		3	3		.,		61	2			ı
Typhus					61		1	11	1							
Enteric or Typhoid								3	***				1		1	
Febricula	1				1	3	5	2			1	1	5	1		ı
Ague																
Rheumatic Fever				**					3	9	3	3	3			
Puerperal Fever																
Bronchitis and Catarrh	7	10	3	8	6	10	44	11		46	4	S	2	4	16	
Influenza																
Pleurisy and Pneumonia		1					1			2	3	1	1		2	
Phthisis	1		2				3	7	1	23		2	1	2		
Constitutional Syphilis	1		8			2	3	18		4		5		1 00	73	
All other Diseases	21	8	2	8	4	14	63	47	20	96	2	1	10	60	10	
	38	20	19	19	14	36	146			287	16	20	27		114	-
The second of the second second		-	d to W	-			Remov				-	o 1 Ser				R
							M	edic	al O	ficer	s to	whon	n the	Ass	ocia	ti

ONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 6th day of November, 1869.

SALFORD. HULME.							СНО	RL-	ARD-	1 1	PENT	LETO	N	1		
2		9 11 18	١.					TO	N.	WICK	& I	PENI	LEBU	RY.		
		967.					100000000000000000000000000000000000000						2650 24,448.		Area in Statute Acres. Population in 1861.	
R LA	W	1	PUBLI	C	Po	or L	AW	-		-				2	ropulation in 1801.	
) ISTR		INS	TITUT		The same	STRIC	TIS	istric		istri	Ancoats ary.	Union	2	Week		Ó
Regent Road.	Regent Road No. 2.	use.	ary.	Salford County Gaol.	George's.	3	ip's	Poor Law District.	ary.	Poor Law District.	S S	Chorlton Unior Workhouse.		ling	DISEASES.	ATHS.
cent	No.	Workhouse.	Dispensary.	Salford nty Ga	Geor	Medlock.	Philip's	r La	Dispensary.	or La	Ardwick Dispe	Vork	Total	pond	DISEASES.	ELE
100000		1700	10000	100	1000	2.17.3	St.				100		1999	Corresponding W	English Telepool	0
17	18	19	20	21	22	23	24	25	26	27	28	29		0		
		1										1	3	4	Small-pox	
			3										10	6	Measles	
			4	.,									19	47	Scarlet Fever	2
															Diphtheria	
		1	2					1	7				33		Whooping-cough	3
															Croup	
	2			4								5	40	44	Diarrhœa	
													2	2	Dysentery	
															Malignant Cholera	
		1		1							1	1	8	6	Erysipelas	
2		3	3				1					2	20	42	Continued Fever	1
			2		1			a2				3	21	47	Typhus	1
			4					a3				2	15	22	Enteric or Typhoid	1
			6			2			8	1	2	2	41	55	Febricula	
															Ague	
								1					22	16	Rheumatic Fever	
**		••													Puerperal Fever	
10	7	4	35	7	4	2	1	8	20	4	13	25	280	243	Bronchitis & Catarrh	5
														10	Influenza	
	1		3				1	2		1	2	3	22	30	Pleurisy & Pneumonia.	2
2			12		2	1			5			3	67	65	Phthisis	14
- 3			6				2	2				5	50	51	Constitutional Syphilis	1
8	1()	15	84	2	3	11	7	18	46	6	24	60	695	617	All other diseases	14
1			63					1	14		28		244	221	Accidents	
26	19	25	227	14	10	16	12	37	100	12	70	112	1592	1528	TOTAL	44
													-			

ndebted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, E.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

ne report of the Association, and has, as far as practicable, been taken into account in the conclusion n from the weekly returns.

Weekly Return of Births and Deaths in Manchester and Salford.

Small Pox	Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
	Measles	1 3 11	4 1 3 3 11	1 1 6		2 2 1	1 2 2	2	 1 1 1 3	2	1 1 1 13 14	2 1 3 6	12 9 10 72 105	38 9 24 51 102
Total No. of Deaths. 31 36 15 6 17 25 20 16 20 31 12 229 228	TOTAL NO. OF DEATHS.	31	36	15		-	-				31	12	229	228

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

	10	bernerous.	III 1001, 10		-	SHOW THE REAL PROPERTY.	-	A SHARLING PARTY.
en ding 31st	4 Weeks ending 28th August.	4 Weeks ending 25th Sept.	TOTAL.	DISEASES.	5 Weeks ending 31st July.	4 Weeks ending 28th August.	4 Weeks ending 25th Sept.	TOTAL
3 51 64 4	5 39 59	5 27 96	13 117 219 5	Small-pox	44 92 85	24 39 54 3	24 39 64	92 170 203 3
86 4 1467 9	78 5 1250	51 4 785 3	215 13 3502 16	Whooping-cough Croup Diarrhœa Dysentery	10	32 6 629 24	43 2 444 13	118 9 1606 50
1 19 17	13 20 2 6	24 28 1	1 56 65 5	Malignant Cholera Erysipelas Continued Fever Typhus	21	17 54 55 28	18 48 58 47	56 149 180 94
2 3 64 2 56	6 55 1 43	10 46 2 38	19 165 5 137	Enterio or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever	157	147 1 21	119 1 34	423 2 120 1
573 7 34 104	424 34 79	477 32 89	1474 7 100 272	Bronchitis and CatarrhInfluenzaPleurisy and PneumoniaPhthisis	688 12 93 360	465 59 283	520 1 56 258	1673 13 208 901
24 4536 7130	29 3561 5708	19 3578 5315	72 11675 18153	Constitutional Syphilis	162 4766 7268	134 3805 5880	131 3833 5754	18902 18902

	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.MACKERETHESQ	Wilmslow, J.THOMPSON, Esq.	Penketh, Warrington L.W.ReynoldsEsq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest. Unreduced { Range Range Temperature. Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Minimum in Shade Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000).	29-844 30-217 29-181 1-036 48-0 15-8 6-5 55-0	123 ft. 1NS. 29-814 30-208 29-140 1-068 46-4 19-0 8-9 54-0 35-0 42-8 GRS. 6-881	145 ft. 1N8. 29.844 50.217 29.181 1.036 47.4 16.3 8.2 54.5 38.2 44.2 GRS. 0.899	251 ft. 1Ns. 29-863 30-090 29-286 -804 46-1 16-1 8-2 53-8 37-7 41-6 Gns. -853	NO RETURN.
Prevailing Winds	NW,W 1.581 0.71	S,W 1.560 1.14 0.29	NW,W 1.614 9.00	1·260 7·85	

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, NOVEMBER 13, 1869.

No. 485.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, November the 13th, 1695 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1592, and in the corresponding week of last year it was 1657. The deaths in public practice during the week amounted to 54, being in the proportion of 1 death to every 31 cases.

Small-pox still continues prevalent in the Townships of Manchester and Salford. The number of cases has risen during the week from 3 to 9; 7 of these occurred in the former Township, and 2 in the latter.

There is this week a slight increase in the cases of Measles, 13 being returned instead of 10. This disease still prevails chiefly in Manchester and Salford; 10 of the cases occurred in Manchester, 2 in Salford, and 1 in Ardwick.

Scarlatina is declining in Manchester, while it is prevailing epidemically in Sheffield, Hull, Liverpool, Leeds, and London. Last week 19 cases were observed in the public practice of Manchester and Salford; in the week under notice there were 14 cases; 9 of the cases occurred in Manchester and 5 in Salford. In the corresponding week of last year the number was 38.

There is a decrease under Whooping-Cough, 25 cases being returned instead of 33.

This disease is pretty uniformly distributed over the several Districts.

The Fever return is unsatisfactory; 67 of the severer forms occurred during the week, being 11 more than in the one preceding; 26 of these 67 cases were assigned to Continued Fever, 30 to Typhus, and 11 to Typhoid Fever. In the corresponding week of last year the number was 143.

The cases of Bronchitis and other acute chest diseases, have fallen in number from 302 to 293.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 250 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-three deaths were caused by Diseases of the Lungs, 17 by Whooping-Cough, 15 by Scarlatina, 10 by Fever, and 9 by Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 41.1°; at the Salford Observatory it was 40.7°; at Eccles 40.2°; and at Old Trafford 40.0°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,
PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC :

New Cases of Disease coming under Treatment D

							MAI	NCH	EST:	ER.						
Area in Statute Acres Population in 1861	1000						Mane,		r Tov	vnshi		,645 5,050				
1		Po	or L	w D	ISTRI	ors.				Pu	BLIC	Insti	TUTIO	NS.		
		200	82	74	Q.I.	1 s	1 0	6.	F	COYAL	Infi	RMAR	x.	Сни	DREN	
DISEASES.	I St. Peter's	No St. Andrew	& St. George's	A Cathedral	on St. Jude's	9 St. Michael's	Total of Districts.	Workhouse.	co In-	o Out-	O District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.	1
Small-pox		-			-	-	-	4	2				1			-
			1		-	6	7	1				1			1	
Measles	7.0		lad .			aup	6			ida		3	100			1
Scarlet Fever	<i>b</i> 5		1				0					3				
Diphtheria		**				**										١
Whooping-cough		2				1	3							6	5	١
Croup																١
Diarrhœa		2				3	5	2				1		5	5	1
Dysentery																1
Malignant Cholera																1
Erysipelas	1						1	2								ı
Continued Fever	a4		1		al		6	1	1.							ı
Typhus					4			9	1							ı
- 17 do (m. 1404)		1000						1	2		1					ı
a le in				2	1	3	7	4	2	2	1	2	5	7		ı
Febricula	1			2	10	0	1	1	2	2	1	-	9	1		ı
Ague			**													ı
Rheumatic Fever					100		**		3		1					
Puerperal Fever													••			
Bronchitis and Catarrh	10	7	6	7	5	14	49	11		32	2	3	1	6	8	
Influenza																
Pleurisy and Pneumonia								4			2				3	
Phthisis			1				1 5	5	1	17		1	5	1		
Constitutional Syphilis All other Diseases	1	9	23	10	5	23	90	64	19	130	4	5	18	64	53	
Accidents	20	1	20	2		2	9	4	23	138	**		1		1	
TOTAL	46	21	33	22	12	55	189	-	53	324	11	16	31	90	77	-
Total Sent paleon to	201413		to Wo		- HIND	42 17 11	Remov		-	-					orkho	ou

N.B.—Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over this fact has several times been noticed

(5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8),, J. P. SLEIGHTHOLME, (11) Mr. C. CURRIE RITCHIE, (11) , W. H. CARRUTHERS, (12) , H. O. PILKINGTON. (13) Mr. H. RUNCORN (14) "W. M. MACCA (15) "J. OGDEN FL (16) Dr. A. C. CLARKE

(1) Mr. R. M. MANN. 2) ,, J. BROADBENT, 3) ,, EDWARD MEACHAM, 4) ,, JOHN WALSH.

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 13th day of November, 1869.

	TV-CONTRACTOR OF THE PARTY OF T	00000	-	MAN TO SECOND	CONTRACTOR N	PERCO	STATE OF THE PARTY.	CHARLE .	eripones.	-	MATERIAL PROPERTY.	Territories		-		
	SALI	FOR	D.		B	ULM	E.	CH	ORL	ARD	K &	PEN.	DLEBU	ON JRY.	- Constant of Children	
	200	329				477		6	16	508	-		2650.	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	Area in Statute Acres.	
	1	,967			1		9	. 44	,850.	2173	9		24,448		Population in 1861.	
OR L		In	PUBL		Po	OR L	AW	rict		rict.	Ancoats	10	1	eek	II management	
Regent Road.	t Road	use.	127	ord Gaol.	ge's.	1 18	Philip's	Poor Law District.	sary.	Poor Law District.		norlton Union Workhouse.		Diameter 1	DISEASES.	ATHS.
Regen 17		100	100	Con	St.	Medlock.	St.		Dispensary.		Ard	Cho		Corresponding V	o natification of the of	DE
1.4	18	19	20	21	22	23	24	25	26	27	28	29		0	Charling the serious tele	
			1										9	4	Small-pox	
			2								1		13	10	Measles	
			3										14	38	Scarlet Fever	1
••													.:		Diphtheria	
			3				1		7				25		Whooping-cough	1
														1	Croup	
1	1		2	3			1	4				2	35	27	Diarrhœa	1
			1										1	5	Dysentery	
															Malignant Cholera	
											2		6	6	Erysipelas	
1	4	6	2			a2					1	3	26	63	Continued Fever	
			1		06			5				8	30	62	Typhus	3
			2				1	2			1		11	18	Enteric or Typhoid	
••	2		5		2	1	3	1	7		5		58	61	Febricula	
															Ague	
1						1				1			7	15	Rheumatic Feyer	
••														1	Puerperal Feyer	
8	7	4	40	5	2	3	5	17	21	3	10	26	272	289	Bronchitis & Catarrh	8
••										1			1	8	Influenza	
••		1	6	2	1	2		2	9		1	2	20	23	Pleurisy & Pneumonia.	
			7	1		1		2		:	1	6	69 36	76 36	Phthisis Constitutional Syphilis	7
7	14	19	99	2	5	10	10	19	52	5	15	60	10000	680	A CONTRACTOR OF THE PROPERTY OF THE PARTY OF	28
2			50			1		1	10		31	8	555.55	234	Accidents	4
20	28	30	238	13	16	21	21	53	106	10	68	117	1695	1657	TOTAL	54
					The SE		ALL I	13/6		Salahani.	Sec. 15					

debted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) , JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

e report of the Association, and has, as far as practicable, been taken into account in the conclusion a from the weekly returns.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Charlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corres- ponding week last year.
Small Pox		3		::		1		::		i	::	1 9	1 2
Whooping-cough Scarlatina	2 2 4	4	1	::	3	1	1	ï	i	4 2 3	1	17	44 10 21 55 126
Diarrhœa	1	1	1		i	.;	3 5	1 2 9	1 8	1	1 4	10 83	21 55
Diseases of the Lungs Other causes	23 15	14 7	11	2	9	8	17	9	8 9	10 15	6	108	
TOTAL NO. OF DEATHS.	48	30	16	7	18	19	30	13	20	36	13	250	259
TOTAL No. of BIRTHS.	38	42	23	22	9	34	37	13	33	64	20	335	339

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylebone, London. Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

5 Weeks ending 31st July.	4 Weeks ending 28th August.		TOTAL.	DISEASES.	5 Weeks ending 31st July.	4 Weeks ending 28th August.	4 Weeks ending 25th Sept.	TOTAL
3 51 64 4 86 4 1467 9 1 19 17 2 3 64 2 56 573 7	5 39 59 1 78 78 5 1250 4 13 20 2 6 55 1 43 424 34 79 29	5 27 96 51 4 785 3 24 28 1 10 46 2 38 32 477	13 117 219 5 215 13 3502 16 6 65 5 19 165 5 137 1474 7 100 272 72	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Croup Diarrhea Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enteric or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis	43 1 533 13 21 47 67 19 157 65 12 93 360 162	24 39 54 3 32 6 629 24 17 54 55 28 147 1 21 465 59 283 134	24 39 64 43 2 444 13 18 48 58 47 119 1 34 1 520 1 56 258 131	92 170 203 3 118 9 1606 50 56 149 180 94 423 2 120 1 1673 13 208 901 427
4586 7130	3561 5708	3578 5315	11675	Accidents, and all other Diseases	4766 7268	3805 5880	3833 5754	18902

A second Formula Formu	Salford Inteteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.Mackereress	Wilmslow, J.Thompson, Esq.	Penketh, Warrington L.W.ReynoldsEsq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest Unreduced Lowest Unreduced Range Temperature. Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	55.0 29.2 35.7	123 ft. 1NS. 29-974 30-284 29-536 0-748 40-0 34-8 19-6 58-0 23-2 35-4	145 ft. 1N8. 29:975 30:243 29:603 0:640 40:2 29:9 13:1 54:1 24:2 36:3	251 ft. 1NS. 29.980 30.142 29.404 -728 39.4 33.2 16.0 56.2 23.0 36.1	NO RETURN.
Degree of Humidity (Saturation-1,000)	0.798	0.840	0.860	·816	N
Prevailing Winds	W,NW 1·434 0·57	8, W 1·363 3·71 0·43	W,NW 1·320 5·71	1·128 4·43	

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

Vol. IX.7

WEEK ENDING SATURDAY, NOVEMBER 20, 1869.

No. 486.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, November the 20th, 1766 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1695, and in the corresponding week of last year it was 1599. The deaths in public practice during the week amounted to 63, being in the proportion of 1 death to every 28 cases.

The cases of Small-pox have decreased in number from 9 to 3; 1 each of these occurred in the Townships of Manchester, Salford, and Ardwick.

Measles has declined during the week, 9 cases being returned instead of 13.; 8 of the cases were observed in Manchester, and 1 in Salford.

There is but little Change in the Scarlatina return; 16 cases were reported, being 2 more than in the preceding week. In the corresponding week of last year the number was 50.

Whooping-Cough is increasing in prevalency; the numbers of the cases for the last three weeks respectively being 33, 25, and 36; 26 of these 36 cases were observed in Manchester, 4 in Salford, and 6 in Chorlton. In the corresponding week of last year there was not a single case of this disease

There is a decrease in the cases of Fever, 58 being returned instead of 67; 20 of the cases were assigned to Continued Fever, 24 to Typhus, and 14 to Typhoid Fever.

Bronchitis and other acute chest diseases are increasing in prevalence with the advance of the season; 338 cases were returned, being 48 more than in the preceding week.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 273 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-four deaths were caused by Diseases of the Lungs, 16 by Fever, 15 by Whooping-Cough, 9 by Measles, and 7 each by Scarlatina and Diarrhea.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 45.8°; at the Salford Meteorological Observatory it was 47.1°; at Eccles 46.4°; and at Old Trafford 45.9°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS, PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment Di

1338		-			_		_	_	-			_	_			-
Humaninger &	l b		0.10		U. A.I	MA	MA	NCH	EST	ER.		any.	311	hill		
Area in Statute Acres							Manc	heste	r Tov	vnshi		,645		• • • •		
Population in 1861			_	_		• • • •	,	,	1	"		5,050	•••	• • • •	•••••	
		Po	or L	AW D	ISTRI	CTS.				Pu	BLIC	Insti	TUTIO	ONS.		1
man are one stand	80	W'8	8 8			tel's		se.	F	COYAL	INFI		1	100000000000000000000000000000000000000	DREN	
DISEASES.	Peter's	Andrew'	George's	Cathedral	Jude's	St. Michael's	Total of Districts.	Workhouse.	nts.	nts.	ict I	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	Gaol.
Charles and Police	St. P	St. A	St. G	Jath	St. J	St. A	l'ota	Worl	In- patients.	Out-	District	Dis	Dis	St. N	Clir	City
	1	2	3	4	5	6	1	7	8	9	10	11	12	13	14	15
Small-pox	1					1							1.2		1	
Measles		1				1	2	1				1	2		2	
Scarlet Fever				1			1	5							2	
Diphtheria																
Whooping-cough					1					2			1	10	13	
Croup																
Diarrhœa			1	1		1	3							5	3	3
	Dysentery															
Malignant Cholera	1000	l'and	11101		-											
		2					2							1		
Erysipelas		IDI		a2		100	8	7		ig			roin!			
Continued Fever		···			a6	1	2	5	3	.,		b1		**		
Typhus		al						5	1			61	1	1		
Enteric or Typhoid	Enteric of Typhold															
															2	
Ague																
Rheumatic Fever					1	1	2		2	24						
Puerperal Fever			••													
Bronchitis and Catarrh	11	6	2	6	6	12	43	8	1	48	1	6	7	7	10	4
Influenza							4									
Pleurisy and Pneumonia	1	1		2	12.10	1	2	4	**	31	5.		2 2	1	2 2	1
Constitutional Syphilis								10		6				1	1	2
All other Diseuses	21	7	22	17	2	19	88	60	23	140	10	4	5	58	95	4
Accidents		1			2	1	4	3	21	107	1	••	2			••
TOTAL	36	21	25	30	18	42	100000	112	-	358	15	13	25	-	132	16
	a Rer	noved	to Wo	orkhou	180.	<i>b</i> F	emove		al Of		-		1000		1 Ren	1000
WAS D. M. MANN	Mr. O	CTAY	ZIIIS	DEA	N. 1	(9)	31	earc	at Of	juers	101	1	Mr.	H. R	UNC	ORN
(2) ,, J. BROADBENT, (6)	Dr. L Mr. J.	WES	ARD, TMOE	ELA	ND,	(10)	Mr. C.	. H. C	CARRI	UTHE	RS,	(14	3	W. M	I. MA	CCA
(4) ", JOHN WALSH. (8),		. SLE				(12))	• " н	. O. I	ILKI	NG10.	N.	(16	Dr.	A. C.	CLAI	KE,

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 20th day of November, 1869.

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	SAI	FOI	RD.			HU	LME.		CHO	ORL ON.	ARI		PEN	DLET	URY	1	
		1,329				4	77		64	16	508			. 2650			
	. 7	0,96	7			. 68,	209.		44,	850.	2178			. 24,14			
	JA W	1		BLIC			LAV		ct.		Ct.	1	10	1	1	- oparation in 1001,	
-	RICT	man, Marin	NSTIT	UTION		-	RICTS	-	stri		stri	Anecats	Union	1	Week	I	(0)
3090	Road		100	E :	isol	George's.		s d	v Di	4	a D	& A	orlton Union	ons	200		EATHS
nt.]	nt.	O. 4	00000	Salford	ty	eorg	ock.	Diri	Lav	nsa	Lay	ick	ton	T .	ibudi V	DISEASES.	AT
Recent Road.	Regent	Worlehouse	Dienonogen	S	County Gaol	St. 6	Medlock.	ot. Phiip's	Poor Law District.	Dispensary.	Poor Law District.	Ardwick	Chorlton Unio	Tota	Corresponding V		DE
1'			0.0	0 2				24	25	26	27				Corr	The state of the s	-
-	-				-1-	-		-		-	-	-	-			4	
												1		1	3 1	Small-pox	
			16	1 .	.				••					1 8	7	Measles	
		1		3	.				1		2		1	16	50	Scarlet Fever	1
					. .										2	Diphtheria	
			. 1	١.,				.		6				36		Whooping-cough	2
						1 .		.						1		Croup	
1	1		2	4		1	1 .	.	1			1	1	28	32	Diarrhœa	1
			1		1.			.						1	2	Dysentery	
								-								Malignant Cholera	
						1	1					1		6	4	Erysipelas	
	1		2		1.	. c:	2							20	50	Continued Fever	
••			2		1.			1	a2				9	24	32	Typhus	4
1			1		1.			1	2			1		14	23	Enteric or Typhoid	4
	3		4		1	. 2	2 1	-	2	9		3	3	51	45	Febricula	
					1			1							3	Ague	
1		1			1	2		1				3		35	10	Rheumatic Fever	
								1								Puerperal Fever	
10	6	6	46	3	6	6	6		8	27	4	10	32	310	281	Bronchitis & Catarrh	5
			3					1.			1			4	11		
1	1		0	1		1		1			1		2	24	27	Pleurisy & Pneumonia.	1
	3	1	15		2	3			4	8		8	8	98	67		12
			11		1:	**						-1	5	39	38		
10	14	16	76	2	4	11	7	1	4.1	18	9	27	60		653		28
	3		66	1	2	_		-		- -		17			261	Accidents	5
24	32	24	239	11	17	29	14	3	7 11	11	17	73	121	1766	1599	TOTAL	63
_	-							_		-	-	-	-				

debted for the annexed Returns.

⁽¹⁷⁾ Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

⁽²²⁾ Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

⁽²⁶⁾ Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

report of the Association, and has, as far as practicable, been taken into account in the conclusion from the weekly returns.

Weekly Return of Birthe and Deat's in Manchester and Salfurd.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox		THE	1		1.	3				3		3	
Measles	1	4 3	**	i	3	5	300	::	**		2	3 9 15	
Scarlatina		5					.;	.;	1	i	**	7	46
Diarrhœa	1	1	6		1		1 0		i	2	i	16	28
Fever Diseases of the Lungs	20	3	5	3	3 9	5	2	i	11	20	5	94	83
Other causes	13	10	22	6	9	10	16	7	7	17	5	122	110
TOTAL NO. OF DEATHS.	37	36	33	10	17	- 23	30	10	20	44	13	273	275
TOTAL NO. OF BIRTHS.	25	45	8	19	16	36	30	15	23	59	22	298	392

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marvlebone, London. Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford. Population in 1861, 390,315.

4 Weeks ending 28th August	+ Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	TOTAL.	DISEASES.	4 Weeks ending 2sth August.	4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	TOTAL
5	5	2	12	Small-pox	24	24	37	85
39	27	40	106		29	39	67	145
59	96	109	264	Scarlet Fever	54	64	63	181
03		100	1	Diphtheria	3			3
78	51	78	207	Whooping-cough	32	43	93	168
5	4	3	12		6	2	3	11
1250	785	507	2512	Diarrhœa	629	414	311	1384
4	3	4	11		24	13	15	52
-				Malignant Cholera	iż		2.2	::
13	24	26	63	Erysipelas	17	18	23	58
20	28	39	87		54	48	96	198
	1	1	4	Typhus	5.5	58	105	218
6	10	27	43	Enteric or Typhoid	28	47	50	125
55	46	58	159	Febricula	147	119	198	464
1	2	5	8		1	1	90	
43	38	70	151	Rheumatic Fever	21	34	90	145
				Puerperal Fever		1	872	1857
424	477	759	1660	Bronchitis and Catarrh	465	520	8/4	100,
		1	1	Influenza		56	54	169
34	32	61	127	Pleurisy and Pneumonia	59	258	3+0	881
79	89	128	296	Phthisis	283 134	131	210	475
29	19	32	80	Constitutional Syphilis			4921	12559
3561	3578	4041	11:80	Accidents, and all other Diseases	3805	3833	1021	12300
5708	5315	5901	17014	TOPAL	5880	5754	7550	191*4

So 10 Rheimstie Februsia	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.V.RRNON, ESQ	Бселев, Т.МасквиктиЕва	Wilmslow, J.Trompson, Esq	Penketh, Warrington h-W.Reynolds Esq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest. Lowest Range	108 ft. :Ns. 30-138 30-289 29-741 0-548	123 ft, 1Ns. 30·142 30·314 29·724 0·590	145 ft. 1N8. 30-138 50-289 29-741 0-548	251 ft. 1N8. 30·142 30·190 29·648 0·542	43 ft. 1N8. 30-127 30-378 29 820 0-558
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point	55·9 36·0	45-9 22-3 12-2 55-3 83-0 42-5	46·4 23·8 11·9 52·4 31·9 43·9	45:4 25:0 11:1 54:8 29:8 41:5	46:3 29:8 12:2 57:1 27:3 42:7
Hygrometrical condition of the Atmosphere Degree of Humidity (Saturation—1,000)	GRS. 0.868	GRS. 6.881	ons. 0.916	GRS. 0.868	GRS. 0.881
Prevailing Winds	0.110	s, W 0·167	NW,8W 6-206	8,8W 0·205	W 8, W 0-133
Moffat	0.28	1·71 0·14	1.28	2.71	::::

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, NOVEMBER 27, 1869.

No. 487.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, November the 27th, 1672 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1766, and in the corresponding week of last year it was 1671. The deaths in public practice during the week amounted to 67, being in the proportion of 1 death to every 24 cases.

Small-pox still prevails in Manchester and Salford. The number of cases has risen from 3 to 12. Three cases occurred in the former Township and 9 in the latter.

Measles is declining, the numbers of cases for the last three weeks being 13, 9, and 7 respectively.

There is a slight improvement under Scarlatina, 12 cases being returned instead of 16. In the corresponding week of last year the number was 40.

There is but a slight change in the return of Whooping-Cough, 32 cases being reported instead of 36. Whooping-Cough has caused more deaths this week in Manchester and Salford than any other infectious disease.

There is again this week a slight improvement in the Fever return, 50 cases having occurred instead of 58; 23 cases were assigned to Continued Fever, 19 to Typhus, and 8 to Typhoid Fever. In the corresponding week of last year there were 83 cases.

Three hundred and thirty-nine cases of Bronchitis and other acute chest diseases were observed during the week, being one more than in the preceding return.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 277 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-five deaths were caused by Diseases of the Lungs, 18 by Whooping-Cough, 16 by Fever, 10 by Diarrhæa, and 9 each by Scarlatina and Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 41.0°; at the Salford Meteorological Observatory it was 39.3°; at Eccles 38.4°; and at Old Trafford 38.7°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC IN

New Cases of Disease coming under Treatment Du

Namall-pox Nam		_							1000	EST	1000000						
DISEASES.																	
DISEASES		-	Po	or L	aw D	ISTRI	icts.				Pu	BLIC	Insti	TUTIO	ons,		
Namall-pox Small-pox Sma				00	1		1.8	1	1	I	ROYAL	INF	RMAE	cy.	Снп	DREN	
Measles 2 1 Scarlet Fever 2 2 1 <	DISEASES.	St.	St.	St	1 200			Total of Districts.			1/200/1					\$ 5.795 MINOR TO CO.	1
Scarlet Fever 2 2 1 <	Small-pox			1.	1.		1	1	2						1.		
Diphtheria	Measles								2							1	
Whooping-cough 1 1 3 8 5 Croup <t< td=""><td>Scarlet Fever</td><td></td><td></td><td>2</td><td>717</td><td></td><td></td><td>2</td><td></td><td>1</td><td></td><td></td><td></td><td>1</td><td></td><td></td><td>1</td></t<>	Scarlet Fever			2	717			2		1				1			1
Croup </td <td>Diphtheria</td> <td></td>	Diphtheria																
Diarrhœa. 4 4 4 8 5 Dysentery <td< td=""><td>Whooping-cough</td><td></td><td></td><td>100</td><td></td><td>1</td><td></td><td>1</td><td></td><td></td><td>3</td><td></td><td></td><td></td><td>8</td><td>5</td><td></td></td<>	Whooping-cough			100		1		1			3				8	5	
Diarrhœa. 4 4 4 8 5 Dysentery <td< td=""><td>Croup</td><td></td><td></td><td>**</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Croup			**													
Malignant Cholera <td></td> <td></td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td>4</td> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td>8</td> <td>5</td> <td></td>			4					4			2				8	5	
Erysipelas	Dysentery		2.											1			
Continued Fever	Malignant Cholera			T.				10.4									
Continued Fever	Erysipelas					1	1	2	1					1	1		
Enteric or Typhoid				1	a2			3	9	1	.,	1					
Febricula. 1 1 1 1 2 6 4 3 2 1 5 3 Ague <t< td=""><td>Typhus</td><td></td><td></td><td>1</td><td></td><td></td><td>1</td><td>2</td><td>4</td><td>3</td><td></td><td></td><td>61</td><td>1</td><td></td><td></td><td></td></t<>	Typhus			1			1	2	4	3			61	1			
Febricula	Enteric or Typhoid								2								
Rheumatic Fever	pagin 22 array s	1		1	1	1	2	6	4		3	2	1	5	3		
Rheumatic Fever	Ague																
Puerperal Fever	Rheumatic Fever									1		1		1			
Bronchitis and Catarrh 9 8 1 5 4 9 36 14 33 4 7 10 3 8 Influenza	Puerperal Fever																
Pleurisy and Pneumonia 3 2 5 5 1 2 1 Phthisis 9 1 13 3 2 3 2 1 Constitutional Syphilis 11	The second secon		8	1	5	4	9	36	14		33				3		
Pleurisy and Pneumonia 3 2 5 5 1 2 1 Phthisis	Influenza																
Constitutional Syphilis 15 4 25 4 2 24 74 49 27 143 5 6 5 54 76	Pleurisy and Pneumonia	3					2	5	5	1				238	1	Page 1	
All other Diseases 15 4 25 4 2 24 74 49 27 143 5 6 5 54 76										1	13	3	2	3	2	1	
					100		13000	0.20			-	1000		- n/32/d	1000	1000	
Accidents 3 2 5 6 18 80 1			4	25	4		A Longit	CO.		15 and		5	: 130	5	54	76	
TOTAL 31 16 31 12 9 42 141 118 53 281 16 18 31 80 96 1		3					2	5	6	18	80		1				

Medical Officers to whom the Association

⁽⁹⁾ (10) (11) (11) (12) Mr. H. O. PILKINGTON, (11) W. H. CARRUTHERS, (12) ,, E. J. SUTCLIFFE,

⁽¹³⁾ Mr. H. RUNCORN, (14) ,, W. M. MACCAL (15) ,, J. OGDEN FLE (16) Dr. A. C. CLARKE,

⁽¹⁾ Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. LEDWARD, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME,

IONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 27th day of November, 1869.

ITACHINE.	WHITE TO	SMITTHE	NAME OF THE OWNER, OWNE	upprou	UNIVE	KALOURG	MANORA	PULLVALIS	PER SECON	WILLIAM .	-	NAME OF TAXABLE PARTY.	NO DOWN	-				
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	7	0,96	7				68,26	9							24,448		war on an wentere weres.	
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-	RICT	-	NSTIT	UTIC	INS.	-	ISTR	ICTS	stric	1	stric	Anecats	. Non			eek	The same of the same of	.:
peog	Road		89.	÷ 1	aol.	George's.	1 -	.00	Ä	J.	ia	E A	Dispensary.	Workhouse.		W 81	al product and	THS.
nt F	1 70	0.5	non	nsa 16.	onty Gad	Buce	ck.	Philip's	Law	nsar	Law	ck c	sper	rkh		ndir.	DISEASES	-
Recent Road	Regent .	4	w orkhouse.	Solfand	County Gaol	St. G	Medlock.	St. Pl	Poor Law District.	Dispensary.	Poor Law District.	Ardwick &	Dispen	Wo	Tota	1. 00,8		EA
1'			100		21	22	23		1			1	22.4			Corresponding V	d saman damina	0
-	- 10		0 2	-	21	22	20	24	23	26	4	12	8 2	29				
			2	3								1.			12	4	Small-pox	
				2					1		1	1	1 .		7	9	Measles	3
				3				1			2	1.		2	12	40	Scarlet Fever	1
												1				1	Diphtheria	
				1 .	.		1	3		6	1			1	32	1	Whooping-cough	2
												1			1	1	Croup	1
1	1		. 1	5	0			2	1			1	-	1	39	36	Diarrhœa	
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		2	2 8								1		1 8	3	23	33	Continued Fever	
••						al			a1				4	1	19	32	Typhus	
			6										1		8	18	Enteric or Typhoid	
			4			2	3	2	2	8			1	-	49	45	Febricula	
														1			Ague	
1	1	1		1	1		1					1			9	16	Rheumatic Fever	1
														-			Puerperal Fever	
12	13	3	44	2	2	4	6	7	9	29	6	13	30	-	306	325	Bronchitis & Catarrh	14
			4											1	4	5	Induenza	
1			4	1		1		1				2	1		29	29	Pleurisy & Pneumonia.	1
	2	4	13						••	8		5	1		69	62	Phthisis	9
1	1		8	1	1		2		4				5		40	42	Constitutional Syphilis	1
13	24	23	103	3	1	7			333	52	8	19	50	1		783		27
2	1		52		-1-					10		23	3	-	207	185	Accidents	6
31	43	35	256	13	11	7 2	21	32	40 1	13	17	65	103	1	1672	1671	TOTAL	67
-	-	-	-	-	-		-											

lebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) , JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johns.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	 1 3 3 13 19	3 3 3 1 2 15 14	 2 10 20	1 1 3 3 3	1 1 1 1 8 5	1 8 1 1 3 10	1 1 3 2 3 16	1 1 2 8	·· ·· ·· ·· 2 2 2 9 10	2 2 2 2 2 1 11 17	 1 2 1 8 8	9 18 9 10 16 85 130	5 46 6 23 72 141
TOTAL NO. OF DEATHS.	39	38	32	8	18	24	26	12	23	37	20	277	293
TOTAL NO. OF BIRTHS.	42	50	31	11	18	32	34	21	40	67	24	370	359

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London. Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680. At Pauper, Charitable, and Public Institutions in Manchester and Salpord.
Population in 1861, 390,815.

Weeks ending 28th August.	ending 25th	5 Weeks ending 30th Oct.	TOTAL.	DISEASES.	4 Weeks ending 28th August.	4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	TOTAL
5	5	2	12	Small-pox	24	24	37	85
39	27	40	106		39	39	67	145
59	96	109	264	Scarlet Fever	54	64	63	181
1	-		1	Diphtheria	3			3
78	51	78	207	Whooping-cough	32	43	93	168
- 5	4	3	12	Croup	6	2	3	11
1250	785	507	2542	Diarrhœa	629	444	311	1384
4	3	4	11	Dysentery	24	13	15	52
				Dysentery				**
13	24	26	63	Erysipelas	17	18	23	58
20	28	39	87		54	48	96	198
	1	1	4	Typhus	55	58	105	* 218
6	10	27	43	Enteric or Typhoid	28	47	50	125
55	46	58	159	Febricula	147	119	198	464
1	2	5	8		1	1	1	
43	38	70	151	Rheumatic Fever	21	34	90	145
				Puerperal Fever	.::	- 1	872	1857
424	477	759	1660	Bronchitis and Catarrh	465	520	8/2	1891
		1	1	Influenza	59	56	54	169
34	32	61	127	Pleurisy and Pneumonia	283	258	340	881
79 29	89	128	296	Phthisis	134	131	210	475
	19	32	80	Constitutional Syphilis	3805	3833	4921	12559
3561	3578	4041	11180	Accidents, and all other Diseases	0000	0000	4021	12000
5708	5315	5991	17014	TOTAL	5880	5754	7550	19184

Construction of the second sec	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.Vernon, Esq	Eccles, T.Mackerffess	Wilmslow, J. THOMPSON, Esq.	Penketh, Warrington
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest. Unreduced { Lowest	108 ft. 188, 29:627 30:095 29:151 0:944 39:3 21:4 9:4 49:9 28:5	123 ft. 1Ns. 29·626 29·836 29·166 0·670 38·7 22·2 14·7 51·0 28·8	145 ft. 1N8. 29·627 50·095 29·151 0·944 38·4 23·7 13·5 49·9 26·2 36·3	RETURN.	43 ft. 1N8. 29.646 30.202 29.226 0.976 38.8 27.0 11.8 51.0 24.0 36.5
Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation-1,000)	36·8 GRS. 0·912	35·4 GRS. 0·888	ors. 0.927	NO R.	ors. 0.918
Prevailing Winds	NW 0-823	S,NE,W 0.890	NW 0-820	The same	NW 0.529
MoffatSchonbein	0-14	0·86 0·57	2.57		

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, DECEMBER 4, 1869.

No. 488

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, December the 4th, 1711 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1672, and in the corresponding week of last year it was 1636. The deaths in public practice during the week amounted to 66, being in the proportion of 1 death to every 25 cases.

Small-pox continues to be confined to the Townships of Manchester and Salford. Five cases were returned instead of 12. Two occurred in the former, and 3 in the latter Township.

There is a slight increase in the cases of Measles, 9 being returned instead of 7. Four of the cases were observed in Manchester, 4 in Salford, and 1 in Chorlton.

Scarlatina is declining; the numbers for the last three weeks being 16, 12, and 9 respectively. Three of these 9 cases occurred in Manchester, 3 in Salford, 2 in Hulme, and 1 in Chorlton. In the corresponding week of last year the number was 50.

Whooping-Cough is now by far the most prevalent and fatal of the infectious class of diseases. Fifty-two cases occurred in the public practice of this week, being an increase of 20 upon the number of the preceding return.

The Fever return is unsatisfactory; the number of cases having risen from 50 to 79. Thirty-five of these were assigned to Continued Fever, 37 to Typhus, and 7 to Typhoid Fever.

The cases of Bronchitis, and other acute chest diseases, have risen in number from 339 to 359.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 254 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-nine deaths were caused by Diseases of the Lungs, 24 by Whooping-Cough, 7 by Fever, 6 by Scarlatina, and 5 each by Small-pox, Measles, and Diarrhea.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 34.2°; at the Salford Meteorological Observatory it was 35.0°; at Eccles 33.6°; and at Old Trafford 33.0°.

JOHN ROBERTS, M.D., Hon. Sec.

DMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC I

New Cases of Disease coming under Treatment D

							MA	NCH	EST.	ER.						
Area in Statute Acres Population in 1861							Manc,	heste		wnshi		1,645 5,050				
				aw D		CTS.					BLIC	Insti	TUTIO	ons.		
		N. S	00	1		8,18	1	e.	F	ROYAL	INF	RMAE	w.	Сип	DREN	
DISEASES.	I St. Peter's	N St. Andrew'	& St. George's	A Cathedral	Cr St. Jude's	9 St. Michael's	Total of Districts.	4 Workhouse.	co In-	6 Out-	O District I.	11 District	District III.	St. Mary's Hospital.	Clinical Hospital.	
Small-pox											cl			1		
Measles		1					1	1					2			
Scarlet Fever			1				1						2			
Diphtheria																-
Whooping-cough	1			4	3		8			1		2	1	15	12	
Croup																
Diarrhœa		1				1	2			2		t		5	2	١
Dysentery						2	2									١
Malignant Cholera																
Erysipelas													2			-
Continued Fever	a3		1	b2	a2	4	12	14								ı
Typhus					1		1	14	5		d2	d2	1			ı
Enteric or Typhoid								1	1							ı
Febricula					4		4	1		2	2	2		2	1	ı
Ague																ı
Rheumatic Feyer									2	1			4			
Puerperal Fever																
Bronchitis and Catarrh	10	6	10	7	7	12	52	14	1	47	5	6	10	6	11	
Influenza																
Pleurisy and Pneumonia						1 2	3	3		28	1	1 2	3	1 2	1	
Phthisis Constitutional Syphilis	1							10		11	1		1	3	2	
All other Diseases	21	9	23	12	2	23	90	68		114	5	6	9	35	66	
Accidents	••	1	1	1		2	5	4	-	107	2		1		1	
	36	18	36 Per	26	19		182	-		313	23	22	41	70	97	
a Removed to Workhou	ise.	0 1	Rem	oved to	Wor	knous	OR RESIDEN	ALCOHOL: NAME	al Of	-	amountains' a		-	Ass	ocial	ti
J. BROADBENT, (6) I	r. L	EDW.	ARD,	DEAI ELAN		(9) (10) (11)	Mr. H.	0. P.		NGTO	V,	(13)	Mr.	H. R W. M J. 00	UNCO	0

TIONS OF MANCHESTER AND ADJOINING DISTRICTS

Week ending the 4th day of December, 1869.

-	-	THE REAL PROPERTY.	-	-	COLUMN TWO	Description of the last	THE PERSON	WITH SHAPE	PRODUCE	DOM:	THE REAL PROPERTY.	-	-	-	-			
	SA	LFO	RD.			B	ULN	IE.	CH	ORI ON.	- AB	ED-	& P	EN	DLET	ON	1	T
		1,35	29				. 477		-		-					····	_	
	'	70,9	67.					9								8		
	LA W	r	INSTI	UBLI	C IONS.		or I		District.	1	District.	- 1 -	1		1	eek		
1		Long RC	00000	O Dispensary.	Salford County Gaol.	N St. George's.	S Medlock.	St. Philip's	Poor Law	Dispensary.	Poor Law	Ardwick &	co Dispensary.	S Workhouse.		W Suipe	DISEASES.	DEATHS
			1	1								1.				5 5	Small-pox	1
				4								1.		1		4	Measles	
	1	1 .		2			2							1	5	50	Scarlet Fever	
												1.					Diphtheria	
						1		3		7		1	1		52	1	Whooping-cough	2
																	Croup	
	1			6	8					1				2	32	38	Diarrhœa	1
	1			1								1			3	1	Dysentery	
																	Malignant Cholera	
												1		4	8	5	Erysipelas	1
••				3				1		1		3			35	34	Continued Fever	
				1	.	al		1	al					7	37	45	Typhus	5
			1	4 .					1				1.		7	18	Enteric or Typhoid	
	2			3 .	-	1	1		4	4		2		1	35	39	Febricula	
											**						Ague	
						2			••		3		1	1	14	20	Rheumatic Fever	
												••		1			Puerperal Fever	
7	8	4	47	1	0	1	6	4	20	24	3	12	20	6	329	326	Bronchitis & Catarrh	8
			2							7		1			10	7	Influenza	
2	1		15							1 3		1	1		20	25	Pleurisy & Pneumonia.	1
1			8		1.				1			1	2		85 43	61 56	Constitutional D. 199	10
18	16	9	90			9	9	-			10	25	50			677		29
2	1		60	1			1 .	.		-		19	3	1		224	Accidents	8
SI	29	15	251	18	1	6 2	0 1	6 4	9 10)2	16	66	104			1636		66
-	Rem	oved			ry Fe					-				1		2000:	TOTAL	-
11	. 1		7)	D.	-	-	- Total State of	-	MUNICIPAL	-	-	Ministra	- Charles	-		- 1

debted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) ,, JAMES CRAN. (19) (20) Mr. A. VEITCH (21) Dr. BRADDON,

(22) Mr. S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

report of the Association, and has, as far as practicable, been taken into account in the conclusion from the weekly returns.

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F. Johnt.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowet.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corres- ponding week last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhœa Fever Diseases of the Lungs Other causes	··· 2 1 1 12 7	1 2 1 3 2 9 11	1 2 7 17	:::::::::::::::::::::::::::::::::::::::	1	2 5 11 13	1 6 3 3 9	 4 6	i :: :i :i; 7	7 7 1 21 18	·· · · · · · · · · · · · · · · · · · ·	5 24 6 5 7 99 103	1 2 36 3 23 86 147
TOTAL No. OF DEATHS.	23	29	28	11	14	31	23	10	20	52	13	254	298
TOTAL No. of BIRTHS.	30	49	20	15	12	27	28	21	24	65	17	308	320

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salpord.
Population in 1861, 390,815.

4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	4 Weeks ending 27th Nov.	TOTAL.	DISEASES.	4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	4 Weeks ending 27th Nov.	TOTAL
5 27 96 51 4 785 3 24 28 1 10 46 2 38 477 32 89 93578	2 40 109 78 3 507 4 26 39 1 27 58 5 70 759 1 61 128 22 4041	6 59 157 92 1 244 1 13 20 11 48 4 72 886 3 42 113 30 3521	13 126 352 221 8 1536 7 1 63 87, 2 4 152 11 180 2122 4 145 330 81 11:40	Small-pox Measles Scarlet Fever Diphtheria Whooping-cough Group Diarrhœa Dysentery Malignant Cholera Erysipelas Continued Fever Typhus Enterio or Typhoid Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Discases.	24 39 64 43 2 444 13 18 48 58 47 119 1 34 1 520 1 56 258 131 3833	37 67 63 93 3 311 15 23 96 105 50 198 1 90 872 1 54 340 210 4921	27 39 61 126 2 142 6 89 94 48 199 73 1168 9 95 303 165 4053	88 145 188 262 7 897 34 67 233 257 145 516 2 197 1 205 901 506 12807
5315	5991	5323	16629	TOTAL	5754	7550	6725	20029

	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Ecclos, T.Mackerettes	Wilmslow, J. Thompson, Esq	Penketh, Warrington L.W.Revnolds Esc.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest. Unreduced { Lowest Range Temperature. Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of	1N8, 29-951 30-159 29-449 0-710 35-0 21-0 7-5 45-8 24-8 30-5	123 ft. 1NS. 29-974 30-222 29-412 0-810 33-0 25-3 11-1 46-3 21-0 29-4	145 ft. 1NS. 29:951 50:159 29:449 0:710 33:6 26:1 8:8 46:5 20:4 30:8	251 ft. 1N8. 29:948 30:020 20:306 0:714 32:9 25:0 9 7 44:1 19:1 29:9	43 ft. 1NS. 29-965 30-230 29-504 0-726 31-9 28-9 10-8 46-6 17-7 27-2 GRS.
Degree of Humidity (Saturation-1,000)	0.830	GRS.	0.890	GRS.	0:812
Prevailing Winds	N 0.343	sw.nw,se 0-390	N 0-380	W,NW 0.086	N 0.410
Moffat			1.57	1.57	::::

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, DECEMBER 11, 1869.

No. 489.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, December the 11th, 1738 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1711, and in the corresponding week of last year it was 1562. The deaths in public practice during the week amounted to 69, being in the proportion of 1 death to every 23 cases.

There is an increase in the number of Small-pox cases; 13 being returned instead of 5; 9 of these occurred in Salford.

Measles shows a slight tendency to increase in prevalency, the numbers for the last three weeks being 7, 9, and 11, respectively.

The cases of Scarlatina have risen in number from 9 to 13. Eight cases were observed in Manchester, and 5 in Salford. In the corresponding week of last year the number was 44.

The return of Whooping-Cough is very much the same as it was last week. Fifty-one cases occurred which were thus distributed:—34 in Manchester, 2 in Salford, 3 in Hulme, 8 in Chorlton, and 4 in Ardwick.

The Fever return continues to be unsatisfactory. Sixty-nine cases were observed during the week: 31 of these were assigned to Continued Fever, 30 to Typhus, and 8 to Typhoid Fever. Mr. Westmoreland states "that 20 cases of Relapsing Fever came under treatment in the Workhouse Hospital, Bridge-street, during the past month, and, that already 17 have been admitted this month. These cases have been classed with others under the general heading 'Continued Fever' in the Weekly Return. The greater proportion have been taken into Hospital from the Vagrant Ward."

The return of Bronchitis, and other acute chest diseases is still very high; 356 cases were observed during the week, being 3 less than in the week preceding.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 327 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. One hundred and ten deaths were caused by Diseases of the Lungs, 20 by Whooping-Cough, 13 by Fever, 8 by Diarrhæa, and 6 each by Scarlatina and Measles.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 39.2°; at the Salford Meteorological Observatory it was 40.2°; at Eccles 38.7°; and at Old Trafford 39.2°.

JOHN ROBERTS, M.D., Hon. Sec.

OMMITTEE ROOMS,

PALL MALL, MANCHESTER.

MANCHESTER AND SALFO

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC II

New Cases of Disease coming under Treatment D

-	18	773		100		7010	MA	NCE	EST	ER.		1919	48	3711	199	
Area in Statute Acres Population in 1861	100000							hest	er To	wnshi	-	1,645 5,050				
		Po	or L	AW I	ISTRI	icts.		1		Pu	BLIC	Insti	ITUTI	ons.		
11, isco. No. 480.	113	8,4	00		1	18	1		1	ROYAL	INF	IRMAI	XY.	Снп	DREN	
DISEASES.	St. Peter's	St. Andrew'	St. George's	Cathedral	St. Jude's	St. Michael's	Total of Districts.	Workhouse.	In- patients.	Out-	District I.	District II.	District III.	St. Mary's Hospital.	Clinical Hospital.	City Gaol.
	1	2	3	4	5	6		7	8	9	10	11	12	13	14	15
Small-pox								2								
Measles	2	t					3	1	1				2			
Scarlet Fever		2	1	2			5						2	1		
Diphtheria																
Whooping-cough			4	1	1	3	9			2		3		12	8	
Croup																
Diarrhœa								1						6	6	4
Dysentery																
Malignant Cholera																
Erysipelas	1		1			1	3	1	1	2			1	1		
Continued Fever		a2	4		a4		10	15	1							
Typhus					al	1	2	12	2				1			
Enteric or Typhoid						1	1									
Febricula				1	al	5	7	1			2	ı	4	1	1	2
Ague																
Rheumatic Fever	1						1	1	2	24		1	1			
Puerperal Fever																
Bronchitis and Catarrh	12	13	9	11	12	16	73	16		42	2	2	9	6	8	3
Influenza																
Pleurisy and Pneumonia	2				1	••	3	1	1				1			
Phthisis Constitutional Syphilis		1			1	2	2	8 9		21	2	4	3	1	1	2
All other Diseases	14	6	22	12	8	15	77	37		117	10	3	9	73	67	3
Accidents		1				2	3	4	14	102	1					
TOTAL	32	26	41	27	30	47	203	109	43	317	17	14	34	101	92	17
a Removed to Workho	use.	141		THEFT						7.1-1		Anto	1 01	1		

Medical Officers to whom the Association

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH.

(5) Mr. OCTAVIUS DEAN, (6) Dr. E. MANLEY, (7) Mr. J. WESTMORELAND, (8),, J. P. SLEIGHTHOLME,

(9) (10) (11) (11) (12) Mr. H. O. PILKINGTON, (12) W. H. CARRUTHERS, (12) , E. J. SUTCLIFFE,

(13) Mr. H. RUNCORN, (14) ,, W. M. MACCAL (15) Dr. J. OGDEN FLE' (16) ,, A. C. CLARKE,

N.B.-Certain diseases, such as fever, insanity, &c., are sometimes transferred from the out-door medical relief to the workhouse and are then reported twice over. This fact has several times been noticed

TIONS OF MANCHESTER AND ADJOINING DISTRICTS

e Week ending the 11th day of December, 1869.

-	-	-	-	-	-		-	or and the last	-	-	-	-	-	-	-	THE RESERVE AND ADDRESS OF THE PARTY OF THE	
		SALI	FORI	D.	K	H	ULM	E.		ORL- ON.	ARD		PENI PENI	OLETO LEBU	N RY.		
		10000	329											2650		Area in Statute Acres.	
		- 65	967.			1			44,	850.	-	-		24,448.		Population in 1861.	
	OR L.			PUBL			OR L		District.		riot.	Ancoats	g		eek		
vireungane.	Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's	Poor Law Dist	Dispensary.	Poor Law District.	Ardwick & Dispense	Chorlton Union Workhouse.	Total.	ding W	DISEASES.	DEATHS.
6	17	18	19	20	21	22	23	24	25	26	27	28	29		S		
3			3	3									2	13	5	Small-pox	1
				3					1					11	9	Measles	
		1		4										13	44	Scarlet Fever	1
																Diphtheria	
2								3	2	6		4		51	1	Whooping-cough	3
																Croup	
2		2		6	3		1						2	33	40	Diarrhœa	1
															2	Dysentery	
																Malignant Cholera	
		1										1		11	5	Erysipelas	
			2	3										31	25	Continued Fever	1
				2					a3				8	30	49	Typhus	4
1				4					1		1			8	17	Enteric or Typhoid	1
2				4		1	4	2		5		3	3	43	50	Febricula	
																Ague	
					1									31	7	Rheumatic Fever	
																Puerperal Fever	
	10	11	5	40	5	7	6	5	15	25	8	8	28	345	312	Bronehitis & Catarrh	22
															4	Influenza	
				2 12				1		::		3	2	11	22	Pleurisy & Pneumonia.	1
	1 4			12	1	3		2	3	4			5	79	62	Phthisis Constitutional Syphilis	8
	12	21	28	97	2	12	9	9	17	45	10	15	56		670	All other diseases	22
				64						10		25	5	229	197	Accidents	3
-	27	36	38	244	12	23	20	22	43	95	19	59	115	1738	1562	TOTAL	69
									1	Lus		u valio				Commercial designation of the Commer	

indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON, (18) " JAMES CRAN. (19) (20) " A. VEITCH (21) " BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R.P.O. GORMAN, (29) ,, GEORGE CLEMENTS.

the report of the Association, and has, as far as practicable, been taken into account in the conclusion wn from the weekly returns.

Weekly Return of Births and Deatis in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bowen.	Regent-rd. Dis., Mr. Tupple.	Pendleton Dis., Mr. Bowker.	Chorlton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Corresponding week last year.
Small Pox	1 3 1 3 16 12	2 2 2 3 2 11 26	1 	·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	·· · · · · · · · · · · · · · · · · · ·	··· 4 ··· 1 2 3 16	1 4 1 1 1 1 10 12	 2 12	1 1 1 1 17 14	 7 1 1 13 19	·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	1 6 20 6 8 13 110 163	5 25 4 26 91 124
TOTAL NO. OF DEATHS.	36	46	44	16	23	26	31	14	34	41	16	327	275
TOTAL NO. OF BIRTHS.	30	45	14	17	22	24	41	19	33	61 .	23	329	329

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.

Medical Officer of Health, John Whitmore, M.D.

Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salford.
Population in 1861, 390,815.

			THE REAL PROPERTY.	COLD COME AND ADDRESS OF THE PARTY OF THE PA	SACRETURE SANSAGE	ALCOHOLD DO	ALC: UNKNOWN	STATE OF THE PARTY NAMED IN
4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.		TOTAL.	DISEASES.		5 Weeks ending 30th Oct.	4 Weeks ending 27th Nov.	TOTAL
5 27 96	2 40 109	6 59 157	13 126 352	Small-pox		37 67 63	27 39 61	88 145 188
51 4 785	78 3 507	92 1 244	221 8 1536	Diphtheria Whooping-cough Croup Diarrhœa	43 2 444 13	93 3 311 15	126 2 142 6	262 7 897 34
3 24 28	26 39	1 13 20	7 1 63 87		18 48 58	23 96 105	26 89 94	67 233 257
1 10 46 2	27 58 5	11 48 4	48 152 11	Typhus Enterie or Typhoid Febricula Ague	119 1	50 198	48 199	145 516 2
38 477	70 759	72 886 3	180 2122	Rheumatic Fever Puerperal Fever Bronchitis and Catarrh Influenza	34 1 520	90 872 1	73 1168 9	197 1 2550 11
32 89 19	61 128 32	42 113 30	145 330 81	Pleurisy and Pneumonia	56 258 131 3833	54 340 210 4921	95 303 165 4053	205 901 506 12807
3578 5315	5931	5323	11140	Accidents, and all other Diseases	5754	7550	6725	20029

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

	Salford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq	Eccles, T.Mackeretheso	Wilmslow, J.Thomrson, Esq.	Penketh, Warrington L.W.Reynolds Esq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest. Unreduced { Lowest Unreduced { Range	1Na, 30-057 30-503 29-199 1-304 40-2 13-1 6-6 48-4 35-3 36-5	123 ft, 188, 30·056 30·540 29·214 1·326 39·2 15·0 8·1 47·0 32·0 36·4	145 ft. 1NS. 30·057 50·56/3 29·199 1·304 38·7 16·1 8·1 46·6 30·5 35·6	O RETURN.	43 ft. 1NS. 30·057 30·0604 20·266 1·338 37·6 20·1 7·9 44·4 24·3 35·9
the Atmosphere. Degree of Humidity (Saturation-1,000)	GRS. 0.874	GRS. 0.904	0.897	NO	GRS. 0.937
Prevailing Winds	E 0.259	NE,8 0:250	E 0.284 0.57	DESIGNATION AND ADDRESS OF THE PARTY OF THE	E 0.235

December 11, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, DECEMBER 18, 1869.

No. 490.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, December the 18th, 1588 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1588, and in the corresponding week of last year it was 1462. The deaths in public practice during the week amounted to 55, being in the proportion of 1 death to every 28 cases.

Small-pox still continues to prevail in Manchester and Salford,—most of the cases occurring in those Townships; 2 cases were also observed during the week in Chorlton. Eleven cases were returned, being 2 less than in the preceding week.

There is a decrease of 2 in the number of Measles cases, 9 being returned, being the same number as in the week before last. The majority of cases occurred in Manchester.

Scarlatina remains much in the same state as in the preceding week, 14 cases being returned instead of 13. This disease was confined during the week to the Townships of Manchester, Salford, and Hulme.

Whooping-Cough is very prevalent, the cases having risen in number during the week from 51 to 60; 43 of the cases were observed in Manchester, 6 in Salford, 4 in Hulme, 6 in Chorlton, and 1 in Ardwick.

There is a slight improvement in the Fever return, 59 cases being reported instead of 69. Twenty-five cases were assigned to Continued Fever, 8 to Relapsing Fever, 9 to Typhus, and 17 to Typhoid Fever.

Bronchitis, and other acute chest diseases have slightly decreased of late, the numbers for the last three weeks being 359, 356, and 324.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 281 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Ninety-two deaths were caused by Diseases of the Lungs, 38 by Whooping-Cough, 13 by Fever, and 8 by Scarlatina.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 44.7°; at the Salford Meteorological Observatory it was 43.2°; at Eccles 42.1°; and at Old Trafford 41.4°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS, PALL MALL, MANCHESTER.

MANCHESTER AND SAL

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC

New Cases of Disease coming under Treatment

aitainnee P ani	di	(TE	23	6	m		M.	ANC	HES	STER	to	971	177	14		
Area in Statute Acres Population in 1861							Mar	nche	ster T	Cowns		1,64				
					Distr			-			-		TITUT	IONS,		
	1	8.78	00			05	1	1		Roy	AL IN	FIRM.	ARY.	Сн	LDRI	EN
DISEASES	. Peter's	Andrew	George's	Cathedral	St. Jude's	. Michael's		Workhouse	In-	patients.	patients.	District	District	St. Mary's Hosnital	Olinical	ospital.
Charitable, and Public	1 8 1	2 81	St.	0 4		9 St.		7						and the second	14	
Small-pox		20.00	430		1.		931		2	1			d!	-	-	-
Measles	1		1			2	3	1.		. !	2	1	1	1		
Scarlet Fever	150	Jid.	18.	1	pin	Hat.	1		b m	Sans.	188	1 62	3	deno.	1	Sec.
Diphtheria	ni.		.6.	0.	1	mice		1	1 3	a 18			1			1
Whooping-cough			1	5		7	13	1		. 3		day:	19.	12	15	
Croup		1.0					11,0		uprit.	100		99.	102			
Diarrhœa			0 0		and.	1	1	1 2		2	1	1	Sur.	2	4	
Dysentery		0.50	200			1	1		30.	1			1			
Malignant Cholera	000	0.0	roja		T	100	(oro)	1.:	hov.	41.	10	mgi	100	90119		
Erysipelas	pro	est!	11.	504	18.01	Sur	di.	1	1	ed in	DET.	diti	Scar	3		
Continued Fever		al	3	onita 	a2	8	14	c10	H I	1.	d be	dian	ben	rotor		-
Typhus	1.9	100	500		1.	land.	2000	5			al	1	W			
Enteric or Typhoid	dane	.ui	Juga	med	62	94.	2	7	10.1			la.	100	10.00	1	-
Febricula	2			1		3	6	2	bas	no.	le i	ni.	3	1	2	
Ague	170	1 1	rotor	Com	9.		Jmes		1	1			Dall.	101		1
Rheumatic Fever					al	2	3	1	1	12	0.7	3.	2	Level 1		
Puerperal Fever	y, de	topi	8.07	ad a	enne	1	1		1.4	0.5	h	hido	Rech			
Bronchitis and Catarrh	10	6	1	7	bign	13	44	22	2	37	4	4	6	9	10	
Influenza				in a												100
Pleurisy and Pneumonia	••	1				1 1124	1	2	1000				1	u.		
Phthisis Constitutional Syphilis	1	2310	7.920	(2.53	m ¹ 5	1	3	8	1	29	1	3	3		1	
111 1	18	9	17	6	9	10	69	32	32	135	7	5	d an	42	1 46	
Accidents	2	1	2	1			6	6	16	105	2	1	181	and		
TOTAL	33	18	25	21	22	49	168	104	55	331	16	14	28	69	81	-
		a Ren	noved	to Wo	rkhou	sc.	- 6	1 Rer	noved	to We	rkhou	se	c	8 Relay	psing	J

(1) Mr. R. M. MANN. (2) ,, J. BROADBENT, (3) ,, EDWARD MEACHAM, (4) ,, JOHN WALSH. (5) Mr. OCTAVIUS DEAN, (6) Dr. E. MANLEY, (7) Mr. J. WESTMORELAND, (8) ,, J. P. SLEIGHTHOLME,

(9) (10) (11) (11) (12) Mr. H. O. PILKINGTON, ... W. H. CARRUTHERS, ... E. J. SUTCLIFFE,

(13) Mr. H. RUNCORI (14) ,, W. M. MACC. (15) Dr. J. OGDEN FI (16) ,, A. C. CLARKI

UTIONS OF MANCHESTER AND ADJOINING DISTRICTS

the Week ending the 18th day of December, 1869.

PERMIT	ONICONA	BECCOOL	DOMES	viennens	-	Ladren	BUT BOTH	090000	BODE-UP	econox	msoes	ORDERON AND	UNINNE	Opening commons.	9000000	THE COMMERCE OF THE PARTY OF TH	-
-	7-	SAL	FOR	D.	OJI I	l a	ULM	IE.	CH	ORL-	ARD	K &	PEN	DLET	IRY.		
		. 1	,329			1	477		6	16	508			2650.		Area in Statute Acres.	
		. 70	,967.			1.	68,20	9	. 44,	850.	2173	9		24,448		Population in 1861.	
	OR L	RICT	IN	Publ	TIONS.	D	or L istri		strict.	The second	istrict.	Anceats	Union ouse.	- Company	Week	Paretona Parenner of the Lun Other exuses	S.
Greengate.	Regent Road.	Regent Road	Workhouse.	Dispensary.	Salford County Gaol.	George's.	oek.	Philip's	Poor Law District.	Dispensary.	Poor Law District.	180 1180	Norkhouse.	[Fotal	onding V	DISEASES.	ATHS
16			Nor				S Medlock.	24. P		odsiq 26	100d 27	S Ardwick	Che	1	Cerrespond	Monthly Pets	DE
-		10	10		21	44	20	27		-	-		-		-	The second second second	
	2		1	2						1			1	11	8	Small-pox	1,
	1.			5							10.		1	9	1	Measles	3
				4	.,		4	1						14	34	Scarlet Fever	
		.,														Diphtheria	
1			3	2			2	2		5	1		1	60		Whooping-cough	3
																Croup	
2																	
١																	
	Dysentery																
	12.		1				1							6	3	Erysipelas	1
1			3	3				.,					2	33	36	Continued Fever	
				2									1	9	45	Typhus	3
1				4					3					17	12	Enteric or Typhoid	
	2001	Lituo		3	1117	1	3		4	6		4	1	40	44	Febricula	
	100															Ague	
	TOW!	Track.	10			1	1		5.0		2	2		28	23	Rheumatic Feyer	
	STATE OF	g			9	7.	0		0 10					1		Puerperal Fever	1
	15	12	3	42	6	5	4	3	15	23	13	8	20	312	245	Bronchitis & Catarrb	10
	300		151											TOJA	6	Induenza	
1.	11111	1		3			1	1		2				12	11	Pleurisy & Pneumonia.	1
	100-8	1	1	10	10	1	1	1	1	3	2		7	80	55	Phthisis	7
.,	4			4				1	3				4.	30	39	Constitutional Syphilis	
13	17	20	21	97	1	7	6	17	8	21	2	19	45	669	661	All other diseases	22
		1		611		2				10		16.	4	229	214	Accidents	1
17	39	35	33	261	11	17	23	26	34	71	20	49	89	1588	1462	TOTAL	55
Remo	ved to	-	Pox	Ward.	DET .	THE.	-0	-	T		10,000	(0	1,00	acitic	DE T	Perteest Bandal:	-
is i	ndeb	ted f	for ti	he an	nexe	d R	eturn	18.	81							Freyalling Winds	

(22) Mr.S. WOODCOCK. (23) Dr. ALEX, WILSON, (24) Mr. H. M. WILLIAMSON. (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

(17) Dr. T. M. JOHNSON, (18) , JAMES CRAN. (19) (20) , A. VEITCH (21) , BRADDON,

Weekly Return of Births and Deaths in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington.	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C. F. Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	Total.	Corresponding week last year.
Small Pox	2 3 2 1 1 17 14	2 2 2 5 2 14 10	 2 1 2 6 18	·· · · · · · · · · · · · · · · · · · ·	 5 1 1 1 5 2	2 .; 7 .: 1 .: 8 4	1 1 1 4 6 20	: : : : : : :	 	:: :: :: :: 20 19	· · · · · · · · · · · · · · · · · · ·	2 5 35 8 7 13 92 119	1 6 1 31 6 26 72 142
TOTAL NO. OF DEATHS.	40	35	29	9	15	22	33	8	22	50	18	281	285
TOTAL No. OF BIRTHS.	39	39	10	8	19	28	31	13	23	75	21	306	390

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London. | Medical Officer of Health, John Whitmore, M.D. Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions in Manchester and Salrond.
Population in 1861, 390,815.

4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	4 Weeks ending 27th Nov.	TOTAL.	DISEASES.	4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	4 Weeks ending 27th Nov.	TOTAL
5 27 96	2 40 109	6 59 157	13 126 352	Small-pox Measles Scarlet Fever Diphtheria	24 39 64	37 67 63	27 39 61	88 145 188
51 4 785 3	78 3 507 4	92 1 244 :;	221 8 1536 7	Whooping-cough Croup Diarrhea Dysentery Malignant Cholera	2 444 13	311 15	142 6	7 897 34
24 28 1 10	26 39 1 27	13 20 11	63 87 2 48	Erysipelas Continued Fever Typhus Enteric or Typhoid	18 48 58 47 119	28 96 105 50 198	26 89 91 48 199	233 257 145 516
46 2 38 477	58 5 70 759	48 4 72 886	152 11 180 2122	Febricula Ague Rheumatic Fever Puerperal Fever Bronchitis and Catarrh	1 34 1 520	1 90 872	73 1168	197 1 2550
32 89 19 3578	1 61 128 32 4041	3 42 113 30 3521	4 145 330 81 11140	Influenza Pleurisy and Pneumonia Phthisis Constitutional Syphilis Accidents, and all other Diseases	1 56 258 131 3833	54 340 210 4921	9 95 303 165 4053	205 901 506 12807
5315	5901	5323	16629	TOTAL	5754	7550	6725	20029

METEOROLOGICAL OBSERVATIONS, TAKEN AT MANCHESTER AND THE NEIGHBOURHOOD.

	Saiford Meteorologi. Observatory, T. Mackereth, Esq.	Trafford, G.V.Vernon, Esq.	Eccles, T.MackerethEsq	Wilmslow, J.Thompson, Esq.	Penketh, Warrington L.W.ReynoldsEsq.
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest. Lowest. Range Temperature.	1N8. 29-342 29-677 28-797 0-880	123 ft, INS. 29:358 29:663 28:788 0:875	145 ft. 1N8. 29·342 29·677 29·797 0·880 42·1	251 ft. INS	43 ft. 188. 29-321 29-784 28-894 0-890 42-0
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere. Degree of Humidity (Saturation—1,000)	54.2	25·0 12·3 56·0 30·0 36·8 ons. 0·848	25·5 12·1 55·9 30·4 38·0 GRS. 0·864	NO RETURN.	50·0 12·4 56·3 26·3 37·3 GRS. 0·843
Prevailing Winds Rain Ozonometer Moffat Schonbein	SW,NW 2·699 0·57	SW,S 2·747 5·14 1·14	SW,NW 2:535 6:28		8, W 2·805

December 18, 1869.

THOMAS MACKERETH, Esq., F.R.A.S.

COMMUNICATED TO THE

Manchester and Salford Sanitary Association.

WEEKLY RETURN.

VOL. IX.7

WEEK ENDING SATURDAY, DECEMBER 25, 1869.

No. 491.

DISEASES.—The extent to which they prevailed in Pauper, Charitable, and Public Institutions of Manchester and Salford.

In the week ending on Saturday, December the 25th, 1246 new cases of disease were observed in the public practice of Manchester and Salford. In the preceding week the number was 1588, and in the corresponding week of last year it was 1223. The deaths in public practice during the week amounted to 70, being in the proportion of 1 death to every 17 cases.

There is an improvement under Small-Pox, 6 cases being returned instead of 11.

Two of the cases occurred in Manchester, 3 in Salford, and 1 in Chorlton.

The return of Measles is the same as it was last week, 9 cases being reported.

There is a marked improvement under Scarlatina, 8 cases being returned instead of 14. In the corresponding week of last year the number was 30.

There is also a great improvement in the return of Whooping-Cough, the number of cuses having fallen from 60 to 31.

Diarrhœa and Dysentery are decreasing in frequency, the number of cases for the last three weeks being 33, 28, and 22, respectively.

There is this week a slight decrease in the cases of Fever, 51 being returned instead of 59. Thirty-one of the cases were assigned to Continued Fever, 16 to Typhus, and 4 to Typhoid Fever.

The cases of Bronchitis, and other acute chest diseases have fallen in number from 324 to 233.

DEATHS .- The Number Registered in Manchester and Salford, and their Causes.

Last week 243 deaths were registered in the eleven registration districts which supply returns to the Sanitary Association. Eighty-nine deaths were caused by Diseases of the Lungs, 19 by Whooping-Cough, 14 by Scarlatina, and 11 by Fever.

At the Royal Observatory, Greenwich, the mean temperature of the air in the week was 38.2°; at the Salford Meteorological Observatory it was 38.7°; at Eccles 37.9°; and at Old Trafford 37.3°.

JOHN ROBERTS, M.D., Hon. Sec.

COMMITTEE ROOMS, PALL MALL, MANCHESTER.

MANCHESTER AND SALF

RETURN FROM PAUPER, CHARITABLE, AND PUBLIC 1

New Cases of Disease coming under Treatment

							MAN	NCH	EST	ER.						
Area in Statute Acres							Manel	heste	r Tov	vnshi		,645				
Population in 1861						•••	,	,	,	,		,050				• • •
		Po	OR LA	w D	ISTRI	CTS.				Pu	BLIC	Insti	TUTIO	NS.		
		8,4	8,			el's		se.	B	OYAL	Infi	RMAR	v.	90	DREN	
DISEASES.	Peter's	Andrew'	George's	dral	Jude's	Michael's	of of	Workhouse.	nts.	nts.	ict I	District 11.	District III.	St. Mary' Hospital.	Clinical Hospital	City Gaol
	St. Pe	St. A	St. G	Cathedral	St. Ju	St. N	Total of Districts.	Worl	In- patients.	Out- patients.	District	Dis	Dis	St. A Hos	Clin	City
	1	2	3	4	5	6	1	7	8	9	10	11	12	13	14	15
	_	_			-		-	2								
Small-pox			••				3						1		3	
Measles	1	2					2						1	1		
Scarlet Fever		••	1		1		2									
Diphtheria																
Whooping-cough		٠,	1	3		1	5						2	3	9	
Croup			••		••								••			
Diarrhœa	1	1					2	1			1		1	1	1	
Dysentery		1					1									
Malignant Cholera													.,			
Erysipelas				1			1		1							
Continued Fever	al		4	61		3	9	12		.,		al				
Typhus								11	2							
								1								
Enteric or Typhoid 2 1 3 2 1 1 1 3 3																
Ague									1	7		1	2			
Puerperal Fever		3	1	4	8	3	24	10		84	2	3	7	6	4	
Bronchitis and Catarrh	5	0	1	7						1000	100					
Influenza	3			2			5	3			1		2			
Pleurisy and Pneumonia		1				3	4	3		23	2	2	2	1		
Constitutional Syphilis				1			1	8		5	1				1	
All other Diseases	19	6	9	9	3	8	54	13	19	106	13	3	10	36	45	
Accidents	1	-			1	2	4	-	24	93		-	-		64	
TOTAL	33	14	16 moved	1 to W	13 orkho	20 use.	118	Relat	48	268 Fever.	Remo	12 oved to	32 World	51 khouse	1	-
		a Re	movec	LO W	JIMHO	No.	Market Street	SAME THE PARTY OF	RECORD STREET	fice			2211			tic
(1) Mr. R. M. MANN. (5)	Mr.	OCTA	VIUS	DEA	N,	(9)	,					16	3) Mr	. H. I	RUNG	COR
2 , J. BROADBENT. (6)	Dr. J	E. MA. . WES	ANLE STMO EIGHT	RELA	ND.	(10) (11) (12)	(., 1	V. H.	CARI	INGTO LIFF	ERS,	. (1	(4) (5) Dr (6) ,,	. J. (GDE	NI
(4) ", JOHN WALSH. (8)	, J. 1	, old	A COM	HUL	att. Ery	(12)	,, ,	A. 1.11	- CAU	AND POST	warmen.	- I	Maria Salar	-	Turne	104534

TIONS OF MANCHESTER AND ADJOINING DISTRICTS

he Week ending the 25th day of December, 1869.

CHROCK!	6 17 18 19 20 21 22 23 24 25 26 27 28 29 5 Small-pox																
	S	ALF	ORD		-	R	ULM:	E.	СПС	RL- N.		I	END	LEBUI	RY.		
		100				6	477. 8.209		64	6 850 .							
											-	1			-		
									trict		tric	neoa	uo .		/eel		i
Greengate.	Regent Road.	Regent Road No. 2.	Workhouse.	Dispensary.	Salford County Gaol.	St. George's.	Medlock.	St. Philip's		Dispensary.		Ardwick & Dispense	Chorlton Workho		esponding last Year	DISEASES	EA
16				20	21	100000	23	24	25	26	27	28	29		5		
-		-	1	2					1					6	5	Small-pox	2
				1									1	9	4	Measles	1
				1							2			8	30	Scarlet Fever	
																Diphtheria	
	1			2			1	1		6		1		31	2	Whooping-cough	1
				1					1					2		Croup	
4	1			3									3	21	14	Diarrhœa	
														1	1	Dysentery	
																Malignant Cholera	
														2	õ	Erysipelas	
	**		3	2		2					1		1	31	18	Continued Fever	
				1									2	16	28	Typhus	1
														4	13	Enteric or Typhoid	4
				3	**							3		30	28	Febricula	
		1		3		1	1		2	5					1	Ague	
			••											17		Rheumatic Fover	
1	1											2		17	11		1
				1									**	1		Puerperal Fever	
2	8	7	**	37	4	1	3	3	8	25	6	6	9	213	180	Bronchitis & Catarrh	11
1 2 1					1		1							2	1	Influenza	3
				4			1			1			1	18	14	Pleurisy & Pneumonia.	10
1	ı			12	2	1	3			5		3	1	68	41	Phthisis Constitutional Syphilis	
	1			3	4				**			1	37	29 519	23 564	All other diseases	1 2000
	10	12	10	54		3	8	6	15	27	8	18	37	218	240	Accidents	.7
1	1	2		59	1				1	6	-	1			1223		70
19	24	22	14	189	12	8	19	10	28	78	17	50	59	1246	1223	TOTAL	10
																The same of the sa	-

is indebted for the annexed Returns.

(17) Dr. T. M. JOHNSON,

(18) , JAMES CRAN. (19) (20) , A. VEITCH (21) , BRADDON,

(22) Mr.S. WOODCOCK, (23) Dr. ALEX. WILSON, (24) Mr. H. M.WILLIAMSON, (25) ,, JOSEPH FOSTER,

(26) Mr. JOHN PORTER, (27) ,, J.V.L.WESTMACOTT, (28) ,, R. P. O. GORMAN, (29) ,, GEORGE CLEMENTS.

in the report of the Association, and has, as far as practicable, been taken into account in the conclusion drawn from the weekly returns.

Weekly Return of Birthe and Deatie in Manchester and Salford.

Causes of Death.	Ancoats District, Mr. Royston.	St. George's Dis., Mr. Worthington,	Market-st. Dis., Mr. A. Gardiner.	London-rd. Dis., Mr. C.F.Johne.	Deansgate Dis., Mr. Thomason.	Greengate Dis., Mr. Bower.	Regent-rd. Dis., Mr. Tipple.	Pendleton Dis., Mr. Bowker.	Choriton-on-M., Mr. Rowley.	Hulme Township, Mr. Sorby.	Ardwick Tushp., Mr. Hallsworth.	TOTAL.	Correspondin weel last year.
Small Pox Measles Whooping-cough Scarlatina Diarrhesa Fever Diseases of the Lungs Other causes.	1 2 4 3 1 3 14 11	3 4 1 12 13	1 8 15	 1 1 6 5	 10 7	1 2 2 2 1 7 12	 1 1 3 11			··· 4 1 1 ··· 2 12 8	· · · · · · · · · · · · · · · · · · ·	3 2 19 14 1 11 89 104	1 9 11 21 7 18 70 127
TOTAL NO. OF DEATHS.	39	33	27	13	17	25	16	10	19	27	17	243	264
TOTAL No. OF BIRTHS.	28	37	8	11	22	27	22	16	29	67	24	291	3:3

Monthly Return of New Cases of Disease coming under Treatment

In 11 Charitable Institutions in St. Marylchone, London.
Medical Officer of Health, John Whitmore, M.D.
Population in 1861, 161680.

At Pauper, Charitable, and Public Institutions i Manchester and Salforn. Population in 1861, 390, 315.

4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	4 Weeks ending 27th Nov.	TOTAL.	DISEASES.	4 Weeks ending 25th Sept.	5 Weeks ending 30th Oct.	4 Weeks ending 27th Nov.	TOTAL
5 27	2 40	6 59	13	Small-pox	4	37	27	88
96			126	Measles	9	57	39	145
75.00	109	157	352	Scarlet Fever	64	63	61	188
51	78	92	221	Diphtheria				
4	3	32		Whooping-cough	43	93	126	262
785	507	244	1536		2	3	2	7
3	4		7	Dysentery	444	311	142	897
		1	1	Malignant Cholera	13	15	6	34
24	26	13	63 87	Erysipelas	is	23	26	67
28	39	20	87		48	96	89	233
1	1		2	Typhus	58	105	94	257
10	27	11	48	Enteric or Typhoid	47	50	48	145
46	58	48	102	Febricula	119	198	199	516
38	5	4	11	Agno	1	1		2
98	70	72	180	Rheumatic Fever	34	50	73	197
477	759	886	0100	Puerperal Fever	1			1
211	100	3	2122	Bronchitis and Catarrh	520	872	1168	2550
32	61	42	145	Influenza	1	1	9	11
89	128	113		Pleurisy and Pneumonia	56	54	9.5	205
19	32	30		Phthisis Constitutional Syphilis	258	340	303	901
3578	4041	3521	11140	Accidents, and all other Diseases	131 3833	210 4921	165	508 12807
5315	5991	5323	16629	TOTAL	5754	7550	6725	20029

	Easford Meteorologi. Observatory, T. Mackereth, Esq.	Old Trafford, G.V.Vernox, Esq	Eccles, T.MACKERETHES9	Wilmslow, J. Thompson, Esq.	Penketh, Warrington
Height of barometer cistern above sea level Barometer. Mean @ 32°F, and reduced to sea level Highest. Lowest. Range Temperature.	108 ft. 188, 29:713 30:053 29:099 0:954	123 ft. 188. 29:721 30:070 29:136 0:934	145 ft. 1N8. 29:713 29:053 29:099 0:354	251 ft. INS	43 ft 1N8. 29-72 30-16 29-18 0-98
Adopted Mean Range for Week Daily Range Maximum in Shade Minimum in Shade Temperature of Dew Point Hygrometrical condition of the Atmosphere	11.8 5.2 43.8 32.0 33.7 GRS.	37·3 15·0 7·1 44·0 29·0 33·7	37.9 15.8 8.6 44.6 28.8 33.2 GRS.	NO RETURN.	36.6 16.6 7.8 44.4 27.8 32.5
Degree of Humidity (Saturation-1,000)	0.842 NE,NW 0.196	0.873 NW	0.839 NE,NW	A	0-853 W,N
Moffat Ozonometer. Schonbein	0.14	0.174	0·195 2·71		0.114