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Liverpool City.**

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REPORT
OF THE
HEALTH OF LIVERPOOL

DURING THE YEAR 1867,

BY W. S. TRENCH, M.D.,

Medical Officer of Health for the Borough.




LIVERPOOL:

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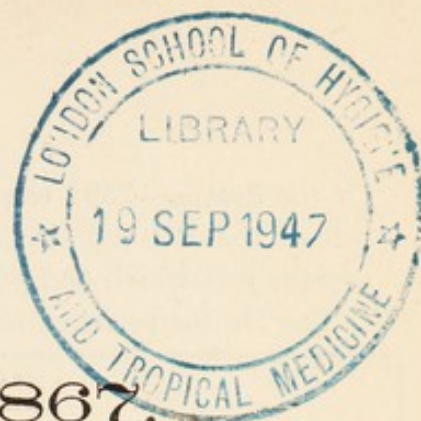
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REPORT, 1867.

DURING the course of the year 1867, the weekly returns of the Local Registrars record 19,563 births and 14,513 deaths within the Borough of Liverpool.

Of the births, 9985 were of males and 9578 of females ; making the total birth rate of the Borough equal to 39·7 per 1000 of the population.

The distribution of the births in the different wards and districts of the Borough is shown by the following table.

DISTRICTS AND WARDS.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual Births.
		Male.	Female	Male.	Female	Male.	Female	Male.	Female	
Parish	Scotland	470	450	472	430	391	428	429	407	3477
	Vauxhall	109	98	103	101	105	95	86	83	780
	St. Paul's and Exchange.	128	106	115	109	112	116	99	103	888
	St. Anne's & Lime Street	188	223	183	181	171	196	158	187	1487
	Castle Street & St. Peter's	30	38	34	37	42	28	17	35	261
	Pitt Street & Gt. George	108	111	104	91	96	103	100	81	794
	Rodney St. & Abercromby	263	225	278	252	281	243	265	243	2050
Out Townships.	Everton and Kirkdale ...	616	556	628	578	596	577	601	536	4688
	West Derby	268	258	239	276	233	198	253	242	1967
	The Toxteths	449	385	399	417	364	382	402	373	3171
Parish		1296	1251	1289	1201	1198	1209	1154	1139	9737
Out Townships		1333	1199	1266	1271	1193	1157	1256	1151	9826
Borough.....		2629	2450	2555	2472	2391	2366	2410	2290	19563

Of the deaths—7592 were of males, and 6921 of females ; making the death rate of the Borough equal to 29·4 per 1000, or to 3 per 1000 less than the average rate which had prevailed during the previous ten years.

The Deaths occurred in the following districts of the Borough.

DISTRICTS.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.	
		Male.	Female	Male.	Female	Male.	Female	Male.	Female	Deaths	Rate per 1000.
Parish.	Scotland.....	320	272	243	225	305	290	302	265	2222	23·3
	Vauxhall	97	84	90	63	70	82	64	93	643	27·9
	St. Paul's and Exchange	145	124	88	67	89	84	82	71	750	27·7
	St. Anne's & Lime Street	164	152	118	107	146	154	146	156	1143	27·8
	Castle Street & St. Peter's	36	35	41	22	36	24	32	29	255	17·0
	Pitt Street and Gt. George	85	96	66	95	63	64	95	68	632	24·3
	Rodney Street and Abercromby	131	131	90	114	112	121	126	143	963	19·3
	Parish Workhouse and Hospitals	380	286	341	209	257	194	304	213	2184	0·0
	Everton and Kirkdale	378	332	267	241	310	319	374	322	2543	24·0
	West Derby	145	177	125	128	141	166	160	147	1189	24·2
Out-Townships.	The Toxteths	214	208	188	196	216	205	259	246	1732	24·4
	Out Township Hospitals	61	38	45	25	32	22	13	16	252	0·0
	Parish	1358	1180	1077	902	1078	1013	1151	1038	8797	32·0
	Out-Townships ..	798	755	625	590	699	712	806	731	5716	26·0
	Borough.....	2156	1935	1702	1492	1777	1725	1957	1769	14513	29·4

We are able, from the returns made by the Registrars as to the residences of persons dying in the Workhouses and Hospitals of the town, to classify 1330 deaths in these establishments under the wards and districts from whence the patients were removed ; and this will give the following increase in the rates of mortality :

DISTRICTS AND WARDS.	ANNUAL.	
	Deaths.	Rate per 1000
Scotland	2552	26·8
Vauxhall	812	35·3
St. Paul's and Exchange	911	33·7
St. Anne's and Lime Street	1366	33·3
Castle Street and St. Peter's	304	20·2
Pitt Street and Gt. George	766	29·4
Rodney Street and Abercromby	1076	21·5
Parish Workhouse and Hospitals, residences unknown	1010	...
Everton and Kirkdale	2645	24·9
West Derby	1232	25·1
The Toxteths	1743	24·5
Out Township, Workhouse and Hospitals, residences unknown	96	...
Parish.....	8797	32·0
Out Townships.....	5716	26·0
Borough.....	14513	29·4

The average age at death of the inhabitants of the Borough during the twelve months was 23 years. The following table, however, shows that at certain seasons, by the great excess of infant mortality, there were populous districts of the town in which the average age at death did not reach to adolescence ; thus in Lime Street Ward it was only 10 years ; in Vauxhall Ward 14 years ; in Scotland Ward 14 years ; in West Derby Ward 16 years during the months of July, August, and September.

WARDS.	QUARTERS.				Year 1867.
	1ST.	2ND.	3RD.	4TH.	
	Age in Years.	Age in Years.	Age in Years.	Age in Years.	Age in Years.
Scotland.....average age at death	20	18	14	15	17
Vauxhall "	22	21	14	18	19
St. Paul's "	28	23	19	20	23
Exchange "	29	23	16	24	23
St. Anne's..... "	21	19	14	16	18
Lime Street "	26	28	10	24	22
Castle Street..... "	36	30	31	27	31
St. Peter's..... "	19	26	19	32	24
Pitt Street..... "	27	25	14	23	22
Gt. George..... "	24	26	19	23	23
Rodney Street ... "	31	26	17	24	24
Abercromby..... "	33	32	19	29	28
Liverpool Workhouse "	31	35	34	31	33
Everton & Kirkdale "	21	20	17	20	20
West Derby "	25	23	16	15	20
North Toxteth... "	29	22	20	21	23
South Toxteth ... "	22	19	16	18	19
Union Workhouse.. "	37	40	34	31	36
Parish "	27	26	19	24	24
Out Townships .. "	27	25	20	21	23
Borough "	27	25	19	22	23

But the pressure of many of the physical and moral causes of disease will be made more manifest by the following table, which shows the proportion of infantile mortality to total deaths during the year 1867.

DISTRICT.	Total deaths.	Deaths under 5 years of age.	Per centage of deaths under 5 yrs. to total deaths.
Scotland.....	2222	1344	60.4
Vauxhall	643	374	58.1
St. Paul's	360	179	49.7
Exchange	390	177	45.4
St. Anne's	776	462	59.5
Lime	367	175	47.7
Castle.....	90	36	40.0
Peter's	165	78	47.3
Pitt	218	107	49.0
Great George	414	207	50.0
Rodney	499	250	50.1
Abercromby	469	209	44.5
Liverpool Workhouse and Hospitals	2184	513	23.5
Everton and Kirkdale	2543	1388	54.5
Union Workhouse and Everton Hospital...	252	43	17.0
West Derby	1189	654	55.0
North Toxteth	837	424	50.6
South Toxteth	895	513	57.3
Parish	8797	4111	46.7
Out Townships	5716	3022	52.8
Borough	14513	7133	49.2

The influence of age on death rate is shown in the following table:—

AGES.	QUARTERS.				ANNUAL.	
	March.	June.	Sept.	Dec.	Deaths.	Rate per 1000 of the population.
Deaths at 1 year and under	1157	905	1403	1191	4656	9.5
„ between 1 and 5 ...	663	505	575	734	2477	5.0
„ „ 5 „ 20 ...	261	260	241	294	1056	2.1
„ „ 20 „ 60 ...	1467	1166	976	1088	4697	9.5
„ above 60	534	352	300	415	1601	3.3
„ at ages unknown ...	9	6	7	4	26	...
„ at all ages	4091	3194	3502	3726	14513	29.4

DISEASES.

The following table places in one connected view the pathological history of the death registry of the Borough of Liverpool during the year 1867.

CLASSES.	QUARTERS.				Year 1867.
	March.	June.	Sept.	Dec.	
1. Zymotic Diseases	761	607	1205	1037	3610
2. Diseases of Uncertain Seat...	112	103	108	95	418
3. Tubercular Diseases	673	634	496	492	2295
4. Diseases of Brain, &c.....	372	345	269	281	1267
5. „ of Heart, &c.....	118	114	107	121	460
6. „ of Lungs, &c.....	1010	531	348	810	2699
7. „ of Stomach, &c.....	142	140	142	121	545
8. „ of Kidneys, &c.....	48	35	39	32	154
9. Childbirth, Diseases of the Uterus, &c	28	24	30	16	98
10. Rheumatism, Diseases of the Joints, &c.....	14	12	11	19	56
11. Diseases of the Skin, Cellular Tissue, &c	18	24	16	23	81
12. Malformations	8	5	9	6	28
13. Premature Birth.....	48	46	44	39	177
14. Atrophy and Debility.....	322	247	364	272	1205
15. Old Age	146	106	101	129	482
16. Privation, Cold, &c.	5	1	9	5	20
17. Inquests, &c.	241	192	180	201	814
Causes not specified	25	28	24	27	104
All Causes	4091	3194	3502	3726	14513
Total Zymotics	761	607	1205	1037	3610
Small Pox	5	8	2	7	22
Measles	83	36	76	229	424
Scarlatina	182	145	148	221	696
Hooping Cough.....	137	120	119	162	538
Diarrhœa	48	73	576	99	796
Typhus and Infantile Fever	184	121	142	209	656

METEOROLOGICAL RESULTS FOR THE YEAR 1867.

	QUARTERS.				Year.
	March.	June.	Sept.	Dec.	
Mean Range of Barometer	29.803	29.929	29.965	29.995	29.923
Highest Temperature	58.7	79.5	86.2	65.4	86.2
Lowest "	20.3	34.0	43.4	26.9	20.3
Mean "	39.0	53.2	59.8	44.2	49.1
Duration of Rainfall in Hours ...	no return	104.4	115.4	205.7	325.5
" " Days.....	33	44	49	47	173
*Amount of Rain collected (inches)	3.77	5.18	6.70	8.59	24.24
Mean Daily Velocity of Wind ...	281	464	370	426	385
Prevailing Points of Wind.....	E.	W.	W.	W.	W.

ZYMOTICS.

The deaths from Zymotic diseases were lower in 1867 than they had been since the year 1861; they were 4110 less than in 1866; 1916 less than in 1865; 1260 less than in 1864; 875 less than in 1863; and 159 less than in 1862. The above numbers mark the progressively increased fatality of the epidemic of typhus during the first four of these years and the supervention upon it of cholera and diarrhoea in the year 1866. That the diminution of the numbers of the total Zymotics is due chiefly to these causes of disease will be seen by the following short table.

Years.	Typhus.	Cholera.	Diarrhoea.
1862	730	43	513
1863	1304	42	604
1864	1774	58	847
1865	2338	57	1016
1866	1523	1782	1145
1867	656	28	796

If a comparison be drawn between the number of deaths from Zymotic causes and the total deaths or the deaths from all causes, it will be found that

*The amount of rainfall in the March quarter is not altogether correctly stated, as there was no return made as to quantity during the two weeks ending the 19th and 26th of January.

the per centage was less during 1867 than during any of the years of the previous decenniad, with the exception of the singularly healthy years 1859, 60 and 61. The per centages stand as follows.

Year.	All Causes.	Zymotics.	Per centage of Zymotics to all causes.
1857	12951	3486	26·9
1858	13935	4263	30·5
1859	11824	2754	23·3
1860	11236	1904	16·9
1861	12933	2926	22·6
1862	13751	3769	27·4
1863	15266	4485	29·3
1864	16836	4870	28·9
1865	17282	5526	31·9
1866	20198	7720	38·2
1867	14513	3610	24·8

The following tables classify the deaths from the various Zymotic diseases under the three heads of age, sex, and locality.

There are appended to the tables of typhus and diarrhoea lists of the streets in which these diseases most fatally prevailed, and there is also added an analysis of the occupations of persons who died from fever, and a meteorological register during the prevalence of infantile diarrhoea. The table which is given under the term "Other Zymotics" represents the fatality of chicken pox, dysentery, cholera, influenza, erysipelas, syphilis, thrush, ague, puerperal fever, rheumatic fever, purpura, quinsy, scurvy and mumps.

Tables are also added of the deaths from tubercular diseases, which, equally with Zymotics, are due in a great degree to the neglect of Hygienic laws, and to the existence of sanitary defects within or around the dwellings of the patients.

A synopsis of the deaths registered within the Borough under sixteen classes of disease, and also of sudden deaths and deaths from violence, is added in an appendix.

DEATHS FROM ZYMOTICS.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	{ Below 5 years	58	39	52	33	116	104	64	63	290	239	529
	{ Above 5 years	16	13	12	13	9	14	17	17	54	57	111
Vauxhall	{ Below 5 years	15	10	18	7	23	25	16	23	72	65	137
	{ Above 5 years	...	3	2	1	3	4	3	8	8	16	24
St. Paul's	{ Below 5 years	11	6	11	5	8	9	5	2	35	22	57
	{ Above 5 years	4	3	3	...	2	4	3	2	12	9	21
Exchange	{ Below 5 years	7	9	1	6	16	10	9	4	33	29	62
	{ Above 5 years	5	7	1	1	2	4	1	2	9	14	23
St. Anne's	{ Below 5 years	19	16	13	10	29	35	29	20	90	81	171
	{ Above 5 years	6	4	3	4	2	6	5	6	16	20	36
Lime Street	{ Below 5 years	11	4	4	3	14	12	4	11	33	30	63
	{ Above 5 years	1	3	...	1	4	...	5	2	10	6	16
Castle Street	{ Below 5 years	2	...	4	...	1	1	1	...	8	1	9
	{ Above 5 years	...	...	...	...	1	...	...	1	1	1	2
St. Peter's	{ Below 5 years	3	2	6	1	6	2	3	4	18	9	27
	{ Above 5 years	1	...	3	2	1	...	...	1	5	3	8
Pitt Street	{ Below 5 years	2	6	2	1	4	5	8	2	16	14	30
	{ Above 5 years	5	1	2	4	...	1	...	2	7	8	15
Great George	{ Below 5 years	5	5	6	14	20	13	13	4	44	36	80
	{ Above 5 years	4	1	2	1	1	1	5	2	12	5	17
Rodney Street	{ Below 5 years	8	6	7	10	20	17	14	18	49	51	100
	{ Above 5 years	2	3	1	1	9	6	5	3	17	13	30
Abercromby	{ Below 5 years	5	11	6	8	21	11	14	9	46	39	85
	{ Above 5 years	4	...	2	2	2	7	5	10	13	19	32
Parish Workhouses and Hospitals	{ Below 5 years	23	18	7	13	10	16	31	25	71	72	143
	{ Above 5 years	38	37	32	24	38	23	26	41	134	125	259
Out Townships, Work- houses, and Hospitals	{ Below 5 years	7	3	1	2	3	1	...	...	11	6	17
	{ Above 5 years	6	2	11	2	8	9	13	14	38	27	65
Everton and Kirkdale	{ Below 5 years	62	50	40	30	98	91	75	75	275	246	521
	{ Above 5 years	21	15	15	11	21	13	27	25	84	69	153
West Derby	{ Below 5 years	20	21	22	22	41	50	44	31	127	124	251
	{ Above 5 years	8	11	10	4	8	15	6	8	32	38	70
North Toxteth	{ Below 5 years	13	11	15	15	25	37	38	18	91	81	172
	{ Above 5 years	3	6	1	9	4	7	7	8	15	30	45
South Toxteth	{ Below 5 years	18	14	10	16	36	34	33	27	97	91	188
	{ Above 5 years	3	5	1	5	3	4	8	12	15	26	41
Parish	{ Below 5 years	169	132	137	111	288	260	211	185	805	688	1493
	{ Above 5 years	86	75	63	54	74	70	75	97	298	296	594
Out Townships	{ Below 5 years	120	99	88	85	203	213	190	151	601	548	1149
	{ Above 5 years	41	39	38	31	44	53	61	67	184	190	374
Borough	{ Below 5 years	239	231	225	196	491	473	401	336	1406	1236	2642
	{ Above 5 years	127	114	101	85	118	123	136	164	482	486	968

DEATHS FROM TYPHUS AND INFANTILE REMITTENT FEVER.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	{ Below 5 years	3	2	3	1	5	1	5	3	16	7	23
	{ Above 5 years	10	5	10	5	3	8	10	8	33	26	59
Vauxhall	{ Below 5 years	1	1	2	...	...	2	1	...	4	3	7
	{ Above 5 years	...	3	2	1	2	3	2	6	6	13	19
St. Paul's	{ Below 5 years	1	...	2	...	1	...	...	...	4	...	4
	{ Above 5 years	4	1	3	...	1	1	3	...	11	2	13
Exchange	{ Below 5 years	...	...	...	1	1	1	...	...	1	2	3
	{ Above 5 years	4	8	...	...	2	2	1	1	7	11	18
St. Anne's	{ Below 5 years	2	3	1	...	...	...	1	1	4	4	8
	{ Above 5 years	5	1	3	2	...	1	2	5	10	9	19
Lime Street	{ Below 5 years	1	1	...	...	1	...	...	1	2	2	4
	{ Above 5 years	...	3	..	...	2	...	2	1	4	4	8
Castle Street	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	1	...	...	1	1	1	2
St. Peter's	{ Below 5 years	...	1	...	...	...	...	...	...	...	1	1
	{ Above 5 years	...	...	...	...	1	...	...	...	1	...	1
Pitt Street	{ Below 5 years	...	1	...	...	1	...	...	...	1	1	2
	{ Above 5 years	4	...	1	2	...	1	...	1	5	4	9
Great George	{ Below 5 years	...	1	...	1	...	1	...	1	...	4	4
	{ Above 5 years	3	...	1	...	...	...	1	1	5	1	6
Rodney Street	{ Below 5 years	...	...	1	...	...	1	...	1	1	2	3
	{ Above 5 years	...	1	...	...	1	4	3	3	4	8	12
Abercromby	{ Below 5 years	1	1	...	...	1	...	...	...	2	1	3
	{ Above 5 years	1	...	1	...	...	3	2	4	4	7	11
Parish Workhouses and Hospitals	{ Below 5 years	1	4	...	1	...	...	1	1	2	6	8
	{ Above 5 years	34	32	18	18	26	13	21	33	99	96	195
Out Townships, Work- houses and Hospitals	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	6	1	11	2	6	9	12	14	35	26	61
Everton and Kirkdale	{ Below 5 years	6	2	2	2	1	2	6	4	15	10	25
	{ Above 5 years	6	5	6	4	13	9	16	9	41	27	68
West Derby	{ Below 5 years	...	1	1	2	...	...	2	...	3	3	6
	{ Above 5 years	3	3	3	2	...	4	1	2	7	11	18
North Toxteth	{ Below 5 years	...	...	...	1	...	...	1	1	1	2	3
	{ Above 5 years	1	1	...	4	2	3	1	3	4	11	15
South Toxteth	{ Below 5 years	2	...	...	...	...	1	1	1	3	2	5
	{ Above 5 years	2	1	1	...	1	...	4	4	8	5	13
Parish	{ Below 5 years	10	15	9	4	10	6	8	8	37	33	70
	{ Above 5 years	65	54	39	28	39	36	47	64	190	182	372
Out-Townships	{ Below 5 years	8	3	3	5	1	3	10	6	22	17	39
	{ Above 5 years	18	11	21	12	22	25	34	32	95	80	175
Borough	{ Below 5 years	18	18	12	9	11	9	18	14	59	50	109
	{ Above 5 years	83	65	60	40	61	61	81	96	285	262	547

List of Streets in the Borough of Liverpool wherein 3 or more deaths from Typhus and Infantile Fever occurred in 1867.

STREETS IN THE PARISH.	HOUSES.			STREETS IN THE PARISH.	HOUSES.		
	Front.	Court.	Total.		Front.	Court.	Total.
Athol	4	...	4	Magnire	2	1	3
Arley	1	2	3	Mersey	1	2	3
Ainsworth	3	...	3	Marybone	3	...	3
Burlington	3	3	6	Norman	1	2	3
Blenheim	1	6	7	Nash Grove	1	6	7
Boundary	2	2	4	Oakes	4	3	7
Bostock .....	...	3	3	Oriel	3	3	6
Banastre	1	3	4	Portland	6	...	6
Blackstock .....	...	3	3	Penrhyn	2	2	4
Birkett	2	4	6	Rathbone	2	1	3
Bay Horse Lane	7	2	9	Soho	3	1	4
Blake	2	2	4	Saint Martin	1	2	3
Chisenhale	2	3	5	Summer Seat	4	...	4
Charters	2	2	4	Upper Milk .....	...	3	3
Dryden	1	2	3	Watkinson	3	...	3
Denbigh	3	...	3	Wright	1	2	3
Denison	2	3	5	STREETS IN THE OUT TOWNSHIPS.			
Eaton	2	2	4				
Ford	2	3	5	Arkwright	5	2	7
Fairhurst	3	...	3	Brindley	2	1	3
Great Crosshall	3	...	3	Britton .....	...	3	3
„ Richmond	4	...	4	Howe	4	...	4
„ Homer	2	1	3	Leekworth	5	...	5
Hornby	2	5	7	Prince Edwin Lane	2	1	3
Jordan	4	1	5	Rose Vale	2	2	4
Kew	1	4	5	Shimmin	2	2	4
Key	2	1	3	Thomaston	3	...	3
Latimer	1	2	3	Wolfe	3	...	3
McKee	3	...	3				

Occupations of persons who (either themselves or members of their family) have died from Typhus and Infantile Fever in the Workhouses or Hospitals of the Borough, tabulated into Wards from whence they came, during the year 1867.

LIVERPOOL WORKHOUSE.

OCCUPATIONS.	WARDS.														TOTAL.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Line street.	Castle street.	St. Peter's.	Pitt street.	Gt. George	Rodney street.	Abercromby	Everton and Kirkdale.	Unknown.	
Labourers	39	13	7	2	6	9	1	1	2	3	3	1	...	12	99
Tradesmen	12	4	3	2	8	10	...	...	2	2	4	3	2	11	63
Servants	1	2	1	...	3	2	...	...	...	...	2	...	...	3	14
Seamen	3	1	2	...	...	1	...	...	2	3	...	...	...	2	14
Soldiers .....	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Unknown	2	...	...	...	1	1	...	...	...	2	...	...	...	5	11
Males	32	13	7	2	6	13	1	...	2	4	4	1	1	15	101
Females	25	7	6	2	12	10	...	1	4	6	6	3	1	18	101
Total.....	57	20	13	4	18	23	1	1	6	10	10	4	2	33	202

UNION WORKHOUSE.

OCCUPATIONS.	WARDS.			TOTAL.
	Everton and Kirkdale	West Derby.	Un. known.	
Labourers.....	4	3	15	22
Tradesmen	3	4	12	19
Servants .....	...	...	5	5
Seamen	1	...	2	3
Unknown	2	...	...	2
Males	6	4	15	25
Females	4	3	19	26
Total	10	7	34	51

EVERTON HOSPITAL.

OCCUPATIONS.	WARDS.				TOTAL.
	Scotland.	Lime Street.	Everton and Kirkdale.	Unknown.	
Labourers.....	...	...	...	1	1
Tradesmen	1	1	2	5	9
Males	1	1	2	6	10
Females .....	...	...	...	...	...
Total	1	1	2	6	10

ROYAL INFIRMARY.

OCCUPATION.	WARD.	TOTAL.
	Unknown.	
Servant.....	1	1
Male.....	...	...
Female.....	1	1
Total	1	1

Occupations of persons who (either themselves or members of their family) have died from typhus and infantile fever in the different wards of the borough during the year 1867. (Not included in the foregoing tables of deaths in Workhouses and Hospitals.)

OCCUPATIONS.	WARDS.																TOTAL.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	Castle Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby	Everton and Kirkdale.	West Derby.	North Toxteth.	South Toxteth.	
Labourers.....	38	13	8	12	10	1	2	1	5	4	5	5	28	4	7	10	153
Tradesmen ...	33	11	5	7	15	8	...	1	6	5	9	7	53	16	10	7	193
Servants .....	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	3
Seamen.....	11	2	4	1	...	...	...	...	...	...	...	...	4	1	...	...	23
Soldiers .....	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	2
Professions & Mercantile.	...	...	...	1	1	2	...	...	...	...	1	2	6	2	1	1	17
Unknown.....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Males	49	10	15	8	14	6	1	1	6	5	5	6	56	10	5	11	208
Females.....	33	16	2	13	13	6	1	1	5	5	10	8	37	14	13	7	184
Total.....	82	26	17	21	27	12	2	2	11	10	15	14	93	24	18	18	392

THE TOXTETH WORKHOUSE

Not included in the mortality of the borough, being beyond the municipal boundaries.

OCCUPATIONS.	WARDS.			TOTAL.
	North Toxteth.	South Toxteth.	Un-known.	
Labourers	4	3	1	8
Tradesmen	4	2	1	7
Servants .....	...	1	...	1
Seamen	1	...	...	1
Unknown .....	...	2	...	2
Males	6	3	1	10
Females	3	5	1	9
Total	9	8	2	19

DEATHS FROM DIARRHŒA.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Decr.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland.....	{ Below 5 years	7	3	13	5	76	62	13	9	109	79	188
	{ Above 5 years	1	2	...	4	2	2	...	...	3	8	11
Vauxhall	{ Below 5 years	3	1	4	2	16	17	2	5	25	25	50
	{ Above 5 years	...	...	...	...	1	...	...	...	1	...	1
St. Paul's	{ Below 5 years	1	...	3	1	7	6	1	1	12	8	20
	{ Above 5 years	...	1	...	...	...	3	...	1	...	5	5
Exchange	{ Below 5 years	...	...	...	2	12	6	2	...	14	8	22
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	{ Below 5 years	...	2	1	3	22	22	3	2	26	29	55
	{ Above 5 years	...	...	...	...	2	1	...	1	2	2	4
Lime Street	{ Below 5 years	...	1	2	...	7	3	2	2	11	6	17
	{ Above 5 years	...	...	...	...	1	...	1	1	2	1	3
Castle Street	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	{ Below 5 years	...	...	1	...	4	1	...	...	5	1	6
	{ Above 5 years	...	...	...	...	...	...	...	1	...	1	1
Pitt Street	{ Below 5 years	...	...	...	...	3	3	1	1	4	4	8
	{ Above 5 years	...	1	...	...	...	...	...	...	...	1	1
Gt. George.....	{ Below 5 years	...	1	...	2	13	5	2	1	15	9	24
	{ Above 5 years	...	...	...	...	1	1	...	...	1	1	2
Rodney Street	{ Below 5 years	...	...	1	1	11	4	2	1	14	6	20
	{ Above 5 years	...	1	...	...	3	1	...	...	3	2	5
Abercromby	{ Below 5 years	...	...	...	...	6	7	1	1	7	8	15
	{ Above 5 years	...	...	...	2	1	3	...	2	1	7	8
Parish Workhouses and Hospitals	{ Below 5 years	3	1	4	1	1	6	2	2	10	10	20
	{ Above 5 years	1	...	4	1	4	5	1	...	10	6	16
Out Townships, Work- houses and Hospitals	{ Below 5 years	...	...	...	...	3	...	...	...	3	...	3
	{ Above 5 years	...	1	...	...	...	...	...	...	...	1	1
Everton and Kirkdale	{ Below 5 years	6	2	3	2	52	52	10	4	71	60	131
	{ Above 5 years	2	...	1	2	3	5	2	1	8	8	16
West Derby	{ Below 5 years	1	2	2	1	20	17	1	3	24	23	47
	{ Above 5 years	...	2	...	...	1	1	...	2	1	5	6
North Toxteth	{ Below 5 years	...	...	2	3	12	20	5	1	19	24	43
	{ Above 5 years	...	...	...	...	1	1	...	...	1	1	2
South Toxteth	{ Below 5 years	2	...	...	...	16	20	3	2	21	22	43
	{ Above 5 years	...	...	...	...	...	1	1	...	1	1	2
Parish.....	{ Below 5 years	14	9	29	17	178	142	31	25	252	193	445
	{ Above 5 years	2	5	4	7	15	16	2	6	23	34	57
Out-Townships	{ Below 5 years	9	4	7	6	103	109	19	10	138	129	267
	{ Above 5 years	2	3	1	2	5	8	3	3	11	16	27
Borough.....	{ Below 5 years	23	13	36	23	281	251	50	35	390	322	712
	{ Above 5 years	4	8	5	9	20	24	5	9	34	50	84

DIARRHŒA, 1867.

Date. July.	No. of Deaths.	Mean Read- ing of Barometer.	Mean Tempe- rature.	RAIN.			Mean Daily velocity in miles	WIND. Direction.
				Amo't	Hours.	Days.		
1	2	29.904	63.1	0.36	5.5	1	223	Var.
2	3	29.825	56.1	0.07	4.5	1	288	E.N.E. & N.E.
3	1	29.939	59.0	0.14	5.0	1	312	E.S.E.
4	5	29.873	61.1	...	...	...	324	Var. & W.N.W.
5	3	30.075	55.5	...	...	...	636	W.
6	3	30.197	56.3	...	...	...	448	W.N.W. & W.
7	2	30.282	58.3	...	...	...	259	W.N.W.
8	...	30.322	62.1	...	...	...	182	W.N.W. & N.W.
9	7	30.283	69.5	...	...	...	149	E.S.E. & Var.
10	2	30.243	68.4	...	...	...	139	W.N.W. & N.W.
11	1	30.111	69.9	...	...	...	199	Var.
12	9	29.890	67.0	0.03	0.9	1	334	E.S.E. & S.E.
13	3	29.787	63.0	0.25	3.3	1	158	E.S.E. & Var.
14	11	29.710	59.6	0.17	1.2	1	290	S.W. & W.
15	3	29.512	58.2	0.79	10.3	1	418	E.N.E. & E.
16	5	29.381	55.4	0.46	11.8	1	840	W. & W.S.W.
17	5	29.578	58.2	0.13	3.8	1	960	W. & W.S.W.
18	3	29.555	58.2	0.10	2.0	1	463	Var & W.S.W.
19	3	29.673	54.0	...	...	...	708	W.
20	11	29.788	59.9	0.27	3.5	1	300	W. & Var.
21	6	29.600	62.3	...	...	...	446	S.W. & W.S.W.
22	7	29.579	60.1	0.22	3.0	1	466	S. & S.W.
23	6	29.553	58.1	0.19	2.0	1	382	S.S.E. & S.W.
24	8	29.685	54.7	0.02	0.5	1	269	S. & Var.
25	4	29.806	59.9	0.05	1.5	1	245	S.S.E. & Var.
26	4	29.905	55.5	...	...	...	384	N.E. & N.N.E.
27	5	30.063	56.2	0.01	0.4	1	427	N. & W.
28	7	30.144	57.3	0.01	0.6	1	511	W.N.W.
29	8	30.126	58.1	...	...	...	372	N.W. & W.N.W.
30	10	30.084	57.1	...	...	...	391	W. & W.N.W.
31	6	30.058	58.7	...	...	...	137	Var. & N.N.W.
Aug.								
1	7	30.074	58.9	...	...	...	230	N.N.W. & Var.
2	11	30.085	58.3	...	...	...	259	E. & W.N.W.
3	3	30.112	58.6	0.01	0.5	1	386	W.N.W. & W.
4	6	30.091	60.2	...	...	1	163	W. & W.N.W.
5	3	29.925	56.7	0.29	5.0	1	324	S.S.E. & S.E.
6	6	29.761	58.1	0.04	0.7	1	286	Var.
7	3	29.738	60.1	0.02	2.5	1	247	Var & N.N.W.
8	9	29.665	60.2	0.12	3.8	1	425	Var. & S.W.
9	7	29.805	59.9	1.01	0.5	1	410	W.S.W. & S.W.
10	9	30.082	61.7	...	...	...	286	S.W. & S.S.W.
11	4	30.165	65.6	...	...	...	170	Var.
12	4	30.092	71.5	...	...	...	228	S.E. & Var.
13	13	29.998	73.7	...	...	...	509	E.S.E.
14	5	30.060	66.9	...	...	...	218	Var & N.N.W.
15	8	29.762	58.7	0.06	1.7	1	334	N.W. & W.
16	6	29.706	60.1	0.02	0.5	1	629	W.N.W. & W.S.W.
17	8	29.748	59.6	0.15	4.1	1	514	S.W.
18	8	30.034	61.8	0.04	2.0	1	274	W. & Var.
19	8	30.011	68.4	...	...	...	283	S.E. & E.S.E.
20	8	29.807	65.2	0.02	0.8	1	487	S.S.E. & S.W.
21	10	29.973	57.5	...	...	...	454	W.S.W. & W.
22	13	30.033	65.1	0.01	0.4	1	168	Var.
23	5	30.023	66.4	0.02	0.5	1	235	S.E. & S.S.W.
24	17	30.030	65.2	...	...	...	240	S.E. & S.S.W.
25	8	29.965	62.1	0.01	1.4	1	372	S.S.E. & S.
26	13	29.983	59.6	...	...	...	276	S.W. & W.
27	4	30.048	58.5	0.05	3.3	1	406	W.S.W. & W.
28	8	30.079	63.9	...	...	...	468	S. & S.W.
29	6	30.119	64.2	...	...	...	276	W.S.W. & S.W.
30	5	30.006	61.0	...	...	...	314	Var & S.S.W.
31	7	29.928	65.5	0.34	3.5	1	252	S.E. & Var.

DIARRHOEA, 1867—continued.

Date. Sept.	No. of Deaths.	Mean Read- ing of Barometer.	Mean Tempe- rature.	RAIN.			Mean Daily velocity in miles	WIND. Direction.
				Amo'nt	Hours.	Days.		
1	3	29.918	61.9	0.73	0.6	1	298	E.N.E. & E.
2	5	30.101	65.1	0.13	1.4	1	214	Var. & E.S.E.
3	15	29.998	64.6	0.28	2.2	1	377	E. & E.S.E.
4	11	29.754	60.0	0.01	0.3	1	408	S.S.E. & S.
5	7	29.770	58.3	0.08	1.7	1	403	S. & S.S.W.
6	10	29.665	55.8	0.05	1.7	1	408	S.E. & S.S.E.
7	12	29.815	56.9	...	...	...	626	W.S.W. & S.W.
8	12	29.949	60.6	...	...	...	350	S.E. & S.S.E.
9	7	29.836	60.4	0.08	1.8	1	180	S. & S.S.E.
10	4	29.801	57.4	0.02	0.6	1	434	W.S.W. & S.W.
11	4	29.903	61.2	0.04	1.4	1	326	S.E. & E.S.E.
12	13	29.711	59.3	...	...	...	588	S.S.E. & S.S.W.
13	11	29.905	56.8	0.01	0.6	1	295	S.S.W. & W.
14	5	29.859	56.4	0.56	5.4	1	338	S. & S.W.
15	10	30.018	56.5	0.02	0.5	1	643	W.N.W.
16	10	30.260	53.6	...	...	...	480	W.N.W. & N.W.
17	8	30.456	50.4	...	...	...	240	E.N.E. & N.E.
18	6	30.478	53.8	...	...	...	300	N.E. & E.N.E.
19	7	30.295	55.6	...	...	...	168	Var. & N.W.
20	5	30.247	52.9	...	...	...	216	N.N.W. & E.
21	8	30.086	59.5	0.06	1.6	1	370	Var. & S.W.
22	4	29.930	55.3	0.12	2.2	1	679	W. & W.S.W.
23	4	29.920	56.8	0.01	0.2	1	797	W.S.W. & W.
24	1	30.210	53.9	...	...	...	782	W.N.W. & N.W.
25	1	30.469	52.9	...	...	...	449	W.N.W. & W.
26	5	30.443	54.9	...	...	...	254	S.S.W. & W.
27	4	30.305	54.3	0.02	2.4	1	269	S. & W.
28	1	30.177	57.4	...	...	...	737	W.S.W.
29	1	30.129	57.3	...	...	...	940	W.S.W.
30	3	30.019	53.7	0.01	0.2	1	1022	W.S.W. & W.
Oct.								
1	1	30.387	51.6	...	...	...	415	Var. & W.
2	3	29.939	49.8	0.11	1.7	1	890	W.S.W. & W.N.W.
3	...	29.993	42.7	...	...	...	562	N.W. & Var.
4	5	30.230	40.5	0.03	1.5	1	324	N.N.E. & N.W.
5	6	30.158	44.1	...	...	...	192	Var. & W.N.W.
6	2	29.946	48.4	0.13	2.0	1	348	S.E. & Var.
7	2	29.654	46.6	0.36	5.8	1	833	W.N.W. & W.
8	3	29.644	45.9	0.33	3.2	1	694	W.N.W. & Var.
9	1	29.782	42.5	0.32	10.0	1	374	W.N.W. & Var.
10	2	29.965	45.7	...	...	...	144	N.E. & N.W.
11	2	30.173	49.6	0.19	14.0	1	156	Var.
12	3	29.893	51.8	...	...	...	139	Var. & E.S.E.
13	2	29.679	48.3	0.03	1.0	1	173	E. & E.N.E.
14	2	29.681	52.1	0.15	5.3	1	427	E. & E.S.E.
15	4	29.801	51.5	0.31	1.2	1	334	E.S.E. & W.S.W.
16	...	29.814	53.4	0.15	4.3	1	341	S.S.E. & S.E.
17	1	29.631	52.2	0.08	2.1	1	431	S.S.E. & S.W.
18	1	29.672	50.5	0.01	0.4	1	362	S. & S.S.W.
19	...	29.680	49.2	0.18	2.6	1	350	S.W. & W.S.W.
20	4	29.908	49.9	0.07	2.8	1	324	W.N.W. & W.
21	1	29.969	56.0	...	...	...	346	S.S.E. & Var.
22	3	30.098	59.6	...	...	...	372	S. & S.S.W.
23	1	29.999	52.5	...	...	...	295	S.E. & E.S.E.
24	...	29.963	49.3	0.02	2.2	1	194	S.E. & Var.
25	2	30.220	49.1	...	...	...	271	N.E. & E.N.E.
26	1	30.036	51.6	0.28	3.1	1	463	Var. & S.W.
27	2	29.450	45.2	0.28	5.7	1	763	S.S.W. & W.
28	1	29.871	46.3	0.53	5.6	1	461	W.N.W. & Var.
29	1	29.722	49.6	0.31	4.5	1	590	W.S.W.
30	2	29.926	49.8	0.06	2.1	1	314	W. & Var.
31	1	29.869	47.1	0.26	6.5	1	372	Var. & S.W.

List of streets in the borough of Liverpool wherein three or more deaths from diarrhoea occurred during the year 1867.

STREETS IN THE PARISH.	HOUSES.			STREETS IN THE PARISH.	HOUSES.		
	Front.	Court.	Total.		Front.	Court.	Total.
Addison	1	2	3	Oriel	2	1	3
Burlington	5	5	10	Portland	5	...	5
Blenheim	1	3	4	Paget	7	...	7
Beau	3	...	3	Pellew	2	1	3
Bond	1	2	3	Queen Anne .....	...	3	3
Bostock	2	1	3	Rose Place	1	4	5
Christian	4	...	4	Richmond Row .....	...	3	3
Circus	1	2	3	Scotland Road	3	...	3
Copperas Hill	3	...	3	St. Anne	2	2	4
Doncaster	3	...	3	St. James	2	1	3
Dryden	2	6	8	Tatlock	2	2	4
Duckinfield	1	3	4	STREETS IN THE OUT TOWNSHIPS.			
Eldon	3	1	4				
Eaton	3	1	4	Breck Road	3	...	3
Gascoyne	2	3	5	Buckingham	3	...	3
Gerard	7	...	7	Beaufort	3	...	3
Horatio	1	2	3	Brassey .....	...	3	3
Hornby	3	3	6	China	3	...	3
Hedley	2	1	3	Gordon	3	...	3
Highfield	3	...	3	Haigh	3	...	3
Kew	2	3	5	Howe	3	...	3
Lawrence	2	1	3	Hill	3	...	3
Mile End	2	1	3	Mann	2	1	3
Midghall	2	1	3	Smithdown Lane	4	...	4
Naylor	2	4	6				

DEATHS FROM SMALL POX.

WARDS*		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	{ Below 5 years	1	...	3	...	...	...	...	...	4	...	4
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	7
Vauxhall	{ Below 5 years	...	...	3	...	...	1	1	2	4	3	7
	{ Above 5 years	...	...	...	...	...	...	1	...	1	...	1
Exchange	{ Below 5 years	1	...	...	...	...	...	1	...	2	...	2
	{ Above 5 years	...	...	...	...	...	1	...	...	1	...	1
Pitt Street	{ Below 5 years	1	...	...	...	...	...	...	...	1	...	1
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Parish Workhouses and Hospitals	{ Below 5 years	1	...	...	1	...	...	...	...	1	1	2
	{ Above 5 years	...	...	...	1	...	...	...	...	...	1	1
Out Township Hospi- tals	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	1	...	1	...	1
South Toxteth	{ Below 5 years	1	...	...	...	...	...	1	...	2	...	2
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Parish	{ Below 5 years	4	...	6	1	...	1	2	2	12	4	16
	{ Above 5 years	...	...	...	1	...	1	...	1	...	3	3
Out Townships	{ Below 5 years	1	...	...	...	...	...	1	...	2	...	2
	{ Above 5 years	...	...	...	...	...	...	1	...	1	...	1
Borough	{ Below 5 years	5	...	6	1	...	1	3	2	14	4	18
	{ Above 5 years	...	...	...	1	...	1	1	1	1	3	4

DEATHS FROM MEASLES.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	Below 5 years	7	6	4	4	16	13	19	12	46	35	81
	Above 5 years	1	...	...	...	...	...	...	...	1	...	1
Vauxhall	Below 5 years	4	...	1	...	1	...	6	6	12	6	18
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Paul's	Below 5 years	...	1	...	...	...	...	1	...	1	1	2
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Exchange	Below 5 years	1	1	...	1	...	...	1	1	2	3	5
	Above 5 years	...	...	...	1	...	...	...	1	...	2	2
St. Anne's	Below 5 years	1	2	...	1	2	3	8	10	11	16	27
	Above 5 years	...	...	...	...	...	...	...	1	...	1	1
Lime Street	Below 5 years	3	...	...	1	3	2	...	4	6	7	13
	Above 5 years	...	...	...	...	1	...	...	...	1	...	1
Castle Street	Below 5 years	1	...	2	...	...	...	1	...	4	...	4
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	Below 5 years	2	...	2	...	...	...	1	1	5	1	6
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Pitt Street	Below 5 years	...	3	1	...	...	1	1	...	2	4	6
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Great George	Below 5 years	...	1	1	3	1	1	...	1	2	6	8
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Rodney Street	Below 5 years	2	2	...	...	1	...	...	5	3	7	10
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Abercromby	Below 5 years	1	2	...	1	5	1	8	3	14	7	21
	Above 5 years	...	...	...	...	...	...	...	2	...	2	2
Parish Workhouses and Hospitals	Below 5 years	8	5	...	...	4	8	25	19	37	32	69
	Above 5 years	...	...	...	...	...	1	1	1	1	2	3
Out Townships, Workhouses, and Hospitals	Below 5 years	6	3	1	...	...	...	...	...	7	3	10
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale	Below 5 years	9	4	2	1	4	1	20	17	35	23	58
	Above 5 years	...	1	...	1	...	...	...	...	...	2	2
West Derby	Below 5 years	1	...	3	2	...	4	21	10	25	16	41
	Above 5 years	...	...	...	...	...	...	1	1	1	1	2
North Toxteth	Below 5 years	...	1	2	1	1	2	8	4	11	8	19
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
South Toxteth	Below 5 years	...	4	...	...	...	...	2	5	2	9	11
	Above 5 years	...	...	...	...	...	...	1	...	1	...	1
Parish	Below 5 years	30	23	11	11	33	29	71	62	145	125	270
	Above 5 years	1	...	...	1	1	1	1	5	3	7	10
Out Townships	Below 5 years	16	12	8	4	5	7	51	36	80	59	139
	Above 5 years	...	1	...	1	...	...	2	1	2	3	5
Borough	Below 5 years	46	35	19	15	38	36	122	98	225	184	409
	Above 5 years	1	1	...	2	1	1	3	6	5	10	15

DEATHS FROM SCARLATINA.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	{ Below 5 years	9	6	6	5	4	8	10	11	29	30	59
	{ Above 5 years	1	4	2	...	...	...	5	4	8	8	16
Vauxhall	{ Below 5 years	1	1	...	1	3	2	2	1	6	5	11
	{ Above 5 years	...	...	...	...	...	...	...	1	...	1	1
St. Paul's	{ Below 5 years	3	...	2	...	...	...	...	1	5	1	6
	{ Above 5 years	...	1	...	...	...	...	...	...	...	1	1
Exchange	{ Below 5 years	2	3	...	...	...	...	2	1	4	4	8
	{ Above 5 years	...	...	1	...	...	...	...	...	1	...	1
St. Anne's.....	{ Below 5 years	6	2	5	3	2	3	6	5	19	13	32
	{ Above 5 years	...	2	...	1	...	1	...	2	...	6	6
Lime Street	{ Below 5 years	2	1	1	...	2	...	...	...	5	1	6
	{ Above 5 years	1	...	...	1	...	...	...	...	1	1	2
Castle Street	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	{ Below 5 years	...	...	2	...	1	...	2	2	5	2	7
	{ Above 5 years	1	...	2	2	...	...	...	...	3	2	5
Pitt Street.....	{ Below 5 years	...	...	1	...	...	1	...	...	1	1	2
	{ Above 5 years	1	...	...	...	...	...	...	...	1	...	1
Great George	{ Below 5 years	2	...	4	5	2	3	8	...	16	8	24
	{ Above 5 years	1	1	1	1	...	...	4	...	6	2	8
Rodney Street	{ Below 5 years	5	4	5	7	4	7	9	7	23	25	48
	{ Above 5 years	1	1	1	1	2	1	1	...	5	3	8
Abercomby.....	{ Below 5 years	3	4	1	2	6	2	4	3	14	11	25
	{ Above 5 years	...	...	...	...	...	...	2	1	2	1	3
Parish Workhouses and Hospitals.....	{ Below 5 years	1	...	...	1	1	...	...	...	2	1	3
	{ Above 5 years	...	...	...	2	...	...	...	...	...	2	2
Out Townships, Work- houses, and Hospitals	{ Below 5 years	1	...	...	...	...	1	...	...	1	1	2
	{ Above 5 years	...	...	...	...	1	...	...	...	1	...	1
Everton & Kirkdale.	{ Below 5 years	15	20	12	8	7	17	20	17	54	62	116
	{ Above 5 years	6	6	5	3	2	2	6	3	19	14	33
West Derby	{ Below 5 years	11	14	9	6	7	11	8	5	35	36	71
	{ Above 5 years	3	5	4	1	4	3	3	2	14	11	25
North Toxteth	{ Below 5 years	7	2	6	6	6	6	17	7	36	21	57
	{ Above 5 years	2	4	1	3	...	1	5	4	8	12	20
South Toxteth	{ Below 5 years	7	4	4	8	14	6	15	8	40	26	66
	{ Above 5 years	1	4	...	3	2	3	2	5	5	15	20
Parish	{ Below 5 years	34	21	27	24	25	26	43	31	129	102	231
	{ Above 5 years	6	9	7	8	2	2	12	8	27	27	54
Out Townships	{ Below 5 years	41	40	31	28	34	41	60	37	166	146	312
	{ Above 5 years	12	19	10	10	9	9	16	14	47	52	99
Borough	{ Below 5 years	75	61	58	52	59	67	103	68	295	248	543
	{ Above 5 years	18	28	17	18	11	11	28	22	74	79	153

DEATHS FROM HOOPING COUGH.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	{ Below 5 years	15	10	11	9	10	10	8	18	44	47	91
	{ Above 5 years	..	..	..	..	..	1	..	1	..	2	2
Vauxhall.....	{ Below 5 years	4	4	7	4	1	2	3	7	15	17	32
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	{ Below 5 years	5	5	3	4	..	1	2	..	10	10	20
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Exchange	{ Below 5 years	2	2	1	2	2	3	2	2	7	9	16
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	{ Below 5 years	8	6	5	..	1	4	7	1	21	11	32
	{ Above 5 years	..	..	..	..	..	1	..	..	..	1	1
Lime Street	{ Below 5 years	5	..	1	1	1	5	2	3	9	9	18
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	{ Below 5 years	..	..	2	..	1	1	..	..	3	1	4
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	{ Below 5 years	..	..	1	1	1	1	..	1	2	3	5
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	{ Below 5 years	1	2	..	1	..	..	6	1	7	4	11
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Gt. George.....	{ Below 5 years	1	2	..	3	3	..	2	1	6	6	12
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	{ Below 5 years	..	..	..	1	3	3	2	4	5	8	13
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Abercromby	{ Below 5 years	..	1	4	5	2	..	1	2	7	8	15
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouses and Hospitals	{ Below 5 years	8	6	3	9	3	1	2	3	16	19	35
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Out Townships, Work- houses and Hospitals	{ Below 5 years	..	..	..	2	..	..	..	..	..	2	2
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Everton and Kirkdale	{ Below 5 years	14	15	9	6	13	8	13	23	49	52	101
	{ Above 5 years	..	..	1	1	..	..	1	1	2	2	4
West Derby	{ Below 5 years	3	3	5	7	6	14	10	11	24	35	59
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
North Toxteth	{ Below 5 years	..	7	2	1	3	6	4	3	9	17	26
	{ Above 5 years	..	..	..	..	..	..	..	..	..	..	..
South Toxteth	{ Below 5 years	4	4	2	6	3	5	5	9	14	24	38
	{ Above 5 years	..	..	..	..	..	..	..	1	..	1	1
Parish	{ Below 5 years	49	38	38	40	28	31	37	43	152	152	304
	{ Above 5 years	..	..	..	..	..	2	..	1	..	3	3
Out Townships	{ Below 5 years	21	29	18	22	25	33	32	46	96	130	226
	{ Above 5 years	..	..	1	1	..	..	1	2	2	3	5
Borough	{ Below 5 years	70	67	56	62	53	64	69	89	248	282	530
	{ Above 5 years	..	..	1	1	..	2	1	3	2	6	8

DEATHS FROM CROUP.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	{ Below 5 years	6	5	5	1	2	6	5	6	18	18	36
	{ Above 5 years	...	...	...	...	...	1	...	...	...	1	1
Vauxhall.....	{ Below 5 years	2	2	1	...	1	1	...	1	4	4	8
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Paul's	{ Below 5 years	...	...	...	...	...	2	...	...	...	2	2
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Exchange	{ Below 5 years	1	1	...	...	1	...	...	...	2	1	3
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	{ Below 5 years	1	1	1	2	...	...	3	1	5	4	9
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Lime Street	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Castle Street	{ Below 5 years	1	...	...	...	...	...	...	...	1	...	1
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Pitt Street.....	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Gt. George.....	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Rodney Street	{ Below 5 years	1	...	...	...	1	...	...	...	2	...	2
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Abercromby	{ Below 5 years	...	1	...	...	...	...	...	...	...	1	1
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Parish Workhouses and Hospitals.....	{ Below 5 years	...	1	...	...	...	1	1	...	1	2	3
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Out Townships, Work- houses and Hospitals	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale	{ Below 5 years	3	5	4	4	5	1	4	7	16	17	33
	{ Above 5 years	...	2	1	...	...	...	...	2	1	4	5
West Derby	{ Below 5 years	1	1	...	1	1	1	1	1	3	4	7
	{ Above 5 years	...	...	1	...	1	...	...	...	2	...	2
North Toxteth.....	{ Below 5 years	1	...	1	2	1	...	...	1	3	3	6
	{ Above 5 years	...	...	...	...	...	...	...	...	...	...	...
South Toxteth	{ Below 5 years	1	...	2	...	...	...	2	1	5	1	6
	{ Above 5 years	...	...	...	1	...	...	...	...	...	1	1
Parish	{ Below 5 years	12	11	7	3	5	10	9	8	33	32	65
	{ Above 5 years	...	...	...	...	...	1	...	...	...	1	1
Out Townships	{ Below 5 years	6	6	7	7	7	2	7	10	27	25	52
	{ Above 5 years	...	2	2	1	1	...	...	2	3	5	8
Borough	{ Below 5 years	18	17	14	10	12	12	16	18	60	57	117
	{ Above 5 years	...	2	2	1	1	1	...	2	3	6	9

DEATHS FROM DIPHTHERIA

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.		M.	F.	
		M.	F.	M.	F.	M.	F.	M.	F.			
Scotland	{ Below 5 years	1	2	1	2	...	1	...	1	2	6	8
	{ Above 5 years	1	1	...	...	...	...	...	1	1	2	3
Exchange	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	1	...	...	...	1	1
Rodney Street	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	1	...	...	...	...	...	...	...	1	...	1
Abercromby	{ Below 5 years	...	1	...	...	1	1	...	...	1	2	3
	{ Above 5 years	...	...	...	...	1	...	...	...	1	...	1
Parish Hospitals	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	...	...	...	...	...	...	1	...	1	...	1
Everton and Kirkdale	{ Below 5 years	1	2	1	2	6	2	...	1	8	7	15
	{ Above 5 years	3	...	...	...	...	...	2	1	5	1	6
West Derby	{ Below 5 years	1	...	...	...	...	...	...	...	1	...	1
	{ Above 5 years	...	...	...	...	1	4	...	1	1	5	6
North Toxteth	{ Below 5 years	3	1	...	1	1	...	1	1	5	3	8
	{ Above 5 years	...	...	...	1	...	...	...	1	...	2	2
South Toxteth	{ Below 5 years	...	1	...	1	...	...	...	1	...	3	3
	{ Above 5 years	...	...	...	1	...	...	...	...	...	1	1
Parish	{ Below 5 years	1	3	1	2	1	2	...	1	3	8	11
	{ Above 5 years	2	1	...	...	1	1	1	1	4	3	7
Out Townships	{ Below 5 years	5	4	1	4	7	2	1	3	14	13	27
	{ Above 5 years	3	...	...	2	1	4	2	3	6	9	15
Borough	{ Below 5 years	6	7	2	6	8	4	1	4	17	21	38
	{ Above 5 years	5	1	...	2	2	5	3	4	10	12	22

DEATHS FROM OTHER ZYMOTICS.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	Below 5 years	9	5	6	6	3	3	4	3	22	17	39
	Above 5 years	1	2	...	4	4	2	2	3	7	11	18
Vauxhall	Below 5 years	...	1	...	...	1	...	1	1	2	2	4
	Above 5 years	...	...	...	...	...	1	1	...	1	1	2
St. Paul's	Below 5 years	1	...	1	...	...	...	1	...	3	...	3
	Above 5 years	...	...	...	...	1	...	...	1	1	1	2
Exchange.....	Below 5 years	...	2	...	...	...	...	1	...	1	2	3
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	Below 5 years	1	...	...	1	2	3	1	...	4	4	8
	Above 5 years	1	1	...	1	...	2	...	...	1	4	5
Lime Street.....	Below 5 years	...	1	...	1	...	2	...	1	...	5	5
	Above 5 years	...	...	...	...	...	...	2	...	2	...	2
Castle Street	Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	Below 5 years	1	1	...	...	...	...	...	...	1	1	2
	Above 5 years	...	...	1	...	...	...	...	...	1	...	1
Pitt Street	Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years	...	...	1	2	...	...	...	1	1	3	4
Great George	Below 5 years	2	...	1	...	1	3	1	...	5	3	8
	Above 5 years	...	...	...	...	...	...	...	1	...	1	1
Rodney Street.....	Below 5 years	...	...	...	1	...	2	1	...	1	3	4
	Above 5 years	...	...	...	...	3	...	1	...	4	...	4
Abercromby	Below 5 years	...	1	1	...	...	...	...	...	1	1	2
	Above 5 years	3	...	1	...	...	1	1	1	5	2	7
Parish Workhouses and Hospitals	Below 5 years	1	1	...	...	1	...	...	...	2	1	3
	Above 5 years	5	3	10	2	8	4	3	6	26	15	41
Out Townships, Work- houses, and Hospitals	Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years	...	...	...	...	1	...	...	...	1	...	1
Everton and Kirkdale	Below 5 years	8	...	7	5	10	8	2	2	27	15	42
	Above 5 years	4	1	1	...	3	2	2	6	10	9	19
West Derby.....	Below 5 years	2	...	2	3	7	3	1	1	12	7	19
	Above 5 years	2	1	2	1	1	3	1	...	6	5	11
North Toxteth	Below 5 years	2	...	2	...	1	3	2	...	7	3	10
	Above 5 years	...	1	...	1	1	2	1	...	2	4	6
South Toxteth	Below 5 years	1	1	2	1	3	2	4	...	10	4	14
	Above 5 years	...	...	...	...	...	...	...	2	...	2	2
Parish	Below 5 years	15	12	9	9	8	13	10	5	42	39	81
	Above 5 years	10	6	13	9	16	10	10	13	49	38	87
Out Townships	Below 5 years	13	1	13	9	21	16	9	3	56	29	85
	Above 5 years	6	3	3	2	6	7	4	8	19	20	39
Borough	Below 5 years	28	13	22	18	29	29	19	8	98	68	166
	Above 5 years	16	9	16	11	22	17	14	21	68	58	126

DEATHS FROM TUBERCULAR DISEASES.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Scotland	{ Below 5 years	10	13	11	15	15	6	12	9	48	43	91
	{ Above 5 years	26	29	37	25	26	28	16	17	105	99	204
Vauxhall	{ Below 5 years	1	1	4	3	5	4	4	3	14	11	25
	{ Above 5 years	12	7	5	4	5	9	6	4	28	24	52
St Paul's	{ Below 5 years	1	...	1	...	2	...	1	2	5	2	7
	{ Above 5 years	6	9	5	2	5	3	4	2	20	16	36
Exchange	{ Below 5 years	1	4	5	2	2	2	...	1	8	9	17
	{ Above 5 years	8	4	3	7	10	...	3	4	24	15	39
St. Anne's	{ Below 5 years	3	3	1	1	2	3	4	3	10	10	20
	{ Above 5 years	9	13	11	7	9	7	9	13	38	40	78
Lime Street	{ Below 5 years	3	1	3	1	2	...	2	2	10	4	14
	{ Above 5 years	7	8	3	3	4	6	10	3	24	20	44
Castle Street	{ Below 5 years	...	...	...	...	1	...	...	2	1	2	3
	{ Above 5 years	4	...	1	...	1	...	...	3	6	3	9
St. Peter's	{ Below 5 years	2	...	2	1	1	2	3	2	8	5	13
	{ Above 5 years	2	4	2	...	2	1	4	1	10	6	16
Pitt Street	{ Below 5 years	2	...	1	...	...	1	2	2	5	3	8
	{ Above 5 years	3	4	2	7	2	2	5	7	12	20	32
Gt. George	{ Below 5 years	3	2	2	4	...	4	6	1	11	11	22
	{ Above 5 years	9	4	10	10	6	4	2	4	27	22	49
Rodney Street	{ Below 5 years	4	2	3	2	1	3	2	2	10	9	19
	{ Above 5 years	9	7	7	6	2	5	5	12	23	30	53
Abercromby	{ Below 5 years	4	2	3	2	3	4	2	...	12	8	20
	{ Above 5 years	10	6	4	11	3	6	8	6	25	29	54
Parish Workhouses and Hospitals	{ Below 5 years	22	20	14	7	7	9	3	1	46	37	83
	{ Above 5 years	45	49	68	41	34	35	45	21	192	146	338
Out Townships, Work- houses, and Hospitals	{ Below 5 years	1	...	...	...	...	...	...	...	1	...	1
	{ Above 5 years	8	4	6	6	1	3	...	...	15	13	28
Everton & Kirdale ..	{ Below 5 years	16	12	16	12	15	13	16	13	63	50	113
	{ Above 5 years	47	48	44	48	29	32	33	31	153	159	312
West Derby	{ Below 5 years	3	6	11	2	7	10	12	3	33	21	54
	{ Above 5 years	20	26	19	19	17	14	19	13	75	72	147
North Toxteth	{ Below 5 years	9	3	6	6	4	4	9	3	28	16	44
	{ Above 5 years	13	13	12	14	10	15	10	9	45	51	96
South Toxteth	{ Below 5 years	10	4	9	5	6	3	4	4	29	16	45
	{ Above 5 years	11	21	18	12	13	6	13	15	55	54	109
Parish	{ Below 5 years	56	48	50	38	41	38	41	30	188	154	342
	{ Above 5 years	150	144	158	123	109	106	117	97	534	470	1004
Out Townships	{ Below 5 years	39	25	42	25	32	30	41	23	154	103	257
	{ Above 5 years	99	112	99	99	70	70	75	68	343	349	692
Borough	{ Below 5 years	95	73	92	63	73	68	82	53	342	257	599
	{ Above 5 years	249	256	257	222	179	176	192	165	877	819	1696

DEATHS FROM PHTHISIS.

WARDS.		QUARTERS.								YEAR.		TOTAL.
		March.		June.		Sept.		Dec.		M.	F.	
		M.	F.	M.	F.	M.	F.	M.	F.			
Scotland	{ Below 5 years	1	3	3	5	2	1	1	2	7	11	18
	{ Above 5 years	25	28	37	25	24	28	14	16	100	97	197
Vauxhall	{ Below 5 years	...	1	2	1	1	1	1	...	4	3	7
	{ Above 5 years	11	7	5	3	5	8	6	5	27	23	50
St. Paul's	{ Below 5 years	...	...	...	...	...	...	1	...	1	...	1
	{ Above 5 years	6	9	5	2	5	2	4	1	20	14	34
Exchange	{ Below 5 years	...	...	...	1	...	1	...	...	...	2	2
	{ Above 5 years	6	3	3	6	10	...	2	4	21	13	34
St. Anne's	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	8	13	10	7	9	7	9	13	36	40	76
Lime Street.	{ Below 5 years	...	...	...	1	...	...	...	...	...	1	1
	{ Above 5 years	7	8	3	3	4	6	10	3	24	20	44
Castle Street.....	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	4	...	1	...	1	...	...	3	6	3	9
St. Peter's	{ Below 5 years	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years	1	4	1	...	2	1	4	1	8	6	14
Pitt Street	{ Below 5 years	...	...	1	...	...	1	...	1	1	2	3
	{ Above 5 years	2	4	2	7	2	2	5	7	11	20	31
Gt. George.....	{ Below 5 years	1	1	...	1	...	1	1	...	2	3	5
	{ Above 5 years	8	4	10	9	6	4	2	4	26	21	47
Rodney Street	{ Below 5 years	...	...	1	...	...	1	...	1	1	2	3
	{ Above 5 years	8	7	7	6	2	5	5	12	22	30	52
Abercromby	{ Below 5 years	1	...	2	...	1	2	1	...	5	2	7
	{ Above 5 years	10	5	3	10	3	5	8	7	24	27	51
Parish Workhouses and Hospitals	{ Below 5 years	4	1	1	1	...	...	...	...	5	2	7
	{ Above 5 years	45	48	64	38	31	33	43	20	183	139	322
Out Townships, Work- houses and Hospitals	{ Below 5 years	1	...	...	...	...	...	...	...	1	...	1
	{ Above 5 years	8	4	6	6	1	3	...	...	15	13	28
Everton and Kirkdale	{ Below 5 years	5	3	2	2	3	2	1	1	11	8	19
	{ Above 5 years	44	46	40	46	29	32	29	30	142	154	296
West Derby	{ Below 5 years	1	2	3	...	2	2	...	...	6	4	10
	{ Above 5 years	19	24	18	19	16	13	19	12	72	68	140
North Toxteth	{ Below 5 years	2	...	2	1	2	...	3	1	9	2	11
	{ Above 5 years	12	13	11	13	10	15	8	9	41	50	91
South Toxteth	{ Below 5 years	1	...	2	2	3	1	...	...	6	3	9
	{ Above 5 years	11	21	18	12	13	6	13	15	55	54	109
Parish	{ Below 5 years	7	6	10	10	4	8	5	4	26	28	54
	{ Above 5 years	141	140	151	116	104	101	112	96	508	453	961
Out-Townships	{ Below 5 years	10	5	9	5	10	5	4	2	33	17	50
	{ Above 5 years	94	108	93	96	69	69	69	66	325	339	664
Borough	{ Below 5 years	17	11	19	15	14	13	9	6	59	45	104
	{ Above 5 years	235	248	244	212	173	170	181	162	833	792	1625

The Medical Officer of Health is indebted to the kindness of Mr. HAGGER, Vestry Clerk, for the following valuable Tables.

PARISH OF LIVERPOOL.

Persons in receipt of Relief during the year 1867.

Week Ending.	Workhouse.	Industrial Schools.	Out Relief.
5 January, 1867	4253	1366	14753
12 " "	4369	1363	15631
19 " "	4445	1354	25697
26 " "	4449	1354	29324
2 February, "	4399	1351	17978
9 " "	4406	1331	15586
16 " "	4277	1329	15056
23 " "	4263	1322	14698
2 March, "	4253	1312	15127
9 " "	4252	1287	15632
16 " "	4319	1299	17674
23 " "	4371	1261	19619
30 " "	4396	1216	16570
6 April, "	4283	1198	14498
13 " "	4187	1195	13664
20 " "	4108	1194	13097
27 " "	4074	1189	13108
4 May, "	3947	1181	12847
11 " "	3814	1181	12547
18 " "	3802	1181	12401
25 " "	3672	1180	12318
1 June, "	3602	1216	12340
8 " "	3542	1250	12029
15 " "	3540	1248	11838
22 " "	3618	1236	11703
29 " "	3548	1260	11552
6 July, "	3576	1239	11868
13 " "	3628	1239	11893
20 " "	3676	1268	11846
27 " "	3666	1249	11943
3 August, "	3710	1238	11788
10 " "	3786	1229	11567
17 " "	3780	1225	11302
24 " "	3800	1235	11093
31 " "	3854	1221	11621
7 September, "	3866	1215	10964
14 " "	3922	1207	10803
21 " "	3963	1203	10820
28 " "	4014	1202	10718
5 October, "	4041	1195	10843
12 " "	4173	1186	11225
19 " "	4281	1217	11235
26 " "	4321	1233	11156
2 November, "	4254	1331	11548
9 " "	4356	1350	11877
16 " "	4483	1361	12417
23 " "	4522	1381	13370
30 " "	4649	1372	14976
7 December, "	4781	1354	17152
14 " "	4800	1341	17138
21 " "	4874	1387	16533
28 " "	4794	1402	15013
	213759	65944	719396

RETURN OF INFECTIOUS DISEASES, &c., IN WORKHOUSE HOSPITAL.

		TYPHUS.				SMALL POX.				MEASLES.				SCARLATINA.							
1867.		No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commencement of week.	Admitted.	Discharged.	Died.	Remaining at end of week.
Jany.	5...	79	38	14	4	99	5	1	1	...	5	16	8	4	2	18	1	...	...	...	1
"	12...	99	35	19	4	111	5	1	...	1	5	18	7	4	3	18	1	...	...	...	1
"	19...	111	26	9	10	118	5	1	...	...	6	18	2	3	2	15	1	...	1	...	...
"	26...	118	18	16	6	114	6	...	...	1	5	15	7	7	1	14	...	...	...	...	...
Feby.	2...	114	30	30	4	110	5	...	...	...	5	14	1	2	...	13	...	...	...	...	...
"	9...	110	18	19	8	101	5	...	5	...	...	13	10	4	2	17	...	2	...	...	2
"	16...	101	18	28	4	87	...	...	...	...	...	17	3	3	4	13	2	...	...	...	2
"	23...	87	19	40	2	64	...	...	...	...	...	13	5	3	2	13	2	...	1	...	1
March	2...	64	9	15	6	52	...	...	...	...	...	13	7	10	...	10	1	...	...	...	1
"	9...	52	25	12	5	60	...	...	...	...	...	10	...	2	2	6	1	...	1	...	...
"	16...	60	20	12	6	62	...	2	...	...	2	6	1	3	...	3	...	2	...	...	2
"	23...	62	20	24	5	53	2	...	...	...	2	3	...	1	...	2	2	3	1	...	4
"	30...	53	16	12	5	52	2	...	1	...	1	2	...	...	...	2	4	2	2	...	4
April	6...	52	11	20	1	42	1	1	1	...	1	2	2	1	...	3	4	8	3	2	7
"	13...	42	15	9	1	47	1	6	...	...	7	3	1	...	...	4	7	4	2	2	7
"	20...	47	10	13	...	44	7	2	...	2	7	4	...	3	...	1	7	4	2	...	9
"	27...	44	18	20	3	39	7	1	5	...	3	1	...	1	...	...	9	...	8	...	1
May	4...	39	12	8	4	39	3	2	...	...	5	...	...	...	...	...	1	...	...	...	1
"	11...	39	9	12	4	32	5	1	1	...	5	...	...	...	...	...	1	...	...	...	1
"	18...	32	18	7	7	36	5	2	1	1	5	...	...	...	...	...	1	1	1	...	1
"	25...	36	14	17	2	31	5	3	2	...	6	...	...	...	...	...	1	1	...	...	2
June	1...	31	14	9	4	32	6	...	...	...	6	...	1	...	...	1	2	...	...	...	2
"	8...	32	16	14	2	32	6	...	2	...	4	1	1	...	...	2	...	...	...	...	2
"	15...	32	18	15	...	35	4	2	1	...	5	2	1	...	...	3	2	3	...	1	4
"	22...	35	15	12	3	35	5	...	1	...	4	3	...	3	...	...	4	1	...	...	5
"	29...	35	14	13	5	31	4	...	2	...	2	...	5	...	...	5	5	3	...	...	8
July	6...	31	9	7	4	29	2	2	1	...	3	5	6	2	...	9	8	3	2	...	9
"	13...	29	20	13	1	35	3	...	2	...	1	9	11	2	1	17	9	...	5	...	4
"	20...	35	5	9	3	28	1	1	1	...	1	17	4	7	...	14	4	...	2	...	2
"	27...	28	9	11	3	23	1	3	1	...	3	14	14	10	1	17	2	...	...	...	2
Aug.	3...	23	12	10	1	24	3	2	1	...	4	17	7	6	1	17	2	3	1	...	4
"	10...	24	29	10	2	41	4	1	1	...	4	17	12	5	1	23	4	...	1	...	3
"	17...	41	17	1	7	50	4	...	1	...	3	23	17	10	...	30	3	...	1	...	2
"	24...	50	11	6	6	49	3	4	2	...	5	30	6	10	...	26	2	...	...	...	2
"	31...	49	16	10	5	50	5	...	2	...	3	26	12	8	2	28	2	...	1	...	1
Sept.	7...	50	22	16	2	60	3	...	1	...	2	28	8	13	1	22	1	...	...	...	1
"	14...	60	19	18	4	57	2	...	...	...	2	22	8	7	...	20	1	...	...	...	1
"	21...	57	21	26	1	51	2	...	...	...	2	20	2	4	1	17	1	1	...	...	2
"	28...	51	18	14	5	50	2	1	1	...	1	17	11	7	1	20	2	...	...	...	2
Oct.	5...	50	24	13	3	58	2	...	2	...	...	20	5	9	4	12	2	...	...	...	2
"	12...	58	21	19	5	55	...	...	...	...	...	12	23	10	1	24	2	...	...	...	2
"	19...	55	27	9	4	69	...	...	...	...	...	24	15	7	2	30	2	...	1	...	1
"	26...	69	19	22	6	60	...	1	...	...	1	30	14	12	4	28	1	...	...	...	1
Nov.	2...	60	15	20	3	52	1	...	...	...	1	28	9	10	4	23	1	2	...	...	3
"	9...	52	28	16	...	64	1	...	...	...	1	23	9	4	5	23	3	...	...	...	3
"	16...	64	38	14	4	84	1	1	1	...	1	23	8	7	3	21	3	...	...	1	2
"	23...	84	28	20	7	85	1	...	...	...	1	21	9	9	3	18	2	...	2	...	...
"	30...	85	24	16	3	90	1	...	...	...	1	18	6	8	2	14	...	...	...	...	...
Dec.	7...	90	15	17	3	85	1	...	...	...	1	14	13	9	4	14	...	1	...	...	1
"	14...	85	34	33	4	82	1	...	1	...	...	14	13	4	3	20	1	...	...	...	1
"	21...	82	31	30	7	76	...	...	...	...	...	20	17	6	6	25	1	...	...	...	1
"	28...	76	19	16	7	72	...	...	...	...	...	25	18	9	3	31	1	...	1	...	...

These show that the average number of persons suffering from typhus at one time in hospital during the first six months of the year, was 61, and their per centage death rate 18·9 ; the average number of small pox cases at one time in hospital, 4, and their per centage death rate 16·6 ; the average number of measles at one time in hospital, 6, and the death rate 23· per cent. ; the average number of scarlatina at one time in hospital, 2, and the per centage death rate 14·3 ; while during the last half-year, the average number of typhus patients in hospital was 56, and the per-centage death rate 17·8 ; the average number of small pox cases was 2, and no death ; the average number of sufferers from measles at one time in hospital was 20, and the per centage death rate 20 ; the average number of scarlatina cases at one time in hospital was 2, and the per centage death rate 5·5.

The number of paupers in receipt of relief on Saturday, the 29th June, was 16,360, or 1,156 more than at the same period in 1866 ; and those receiving relief on Saturday, the 28th December, were 21,209, or 2,895 more than at the same period of 1866.

SANITARY WORK.

In reviewing the extent of the sanitary improvements within the Borough during the last twelve months, it will be necessary, in the first place, to give a cursory narrative of the structural alterations effected in the crowded and ill ventilated courts of the Borough under the provisions of the Local Sanitary Amendment Act of 1864 ; because, though the three presentments of the Grand Jury date from periods somewhat antecedent to 1867, the greatest amount of the demolition and alteration of premises was really done* during that year.

* The principle and machinery of our Local Sanitary Amendment Act, 1864, are new in legislation. The Medical Officer of Health takes the initiative by a report on premises which, by reason of condition or situation, require improvement. That report is laid before the Town Council and the Grand Jury of the Borough Quarter Sessions. The Town Clerk serves every owner of premises affected by the report with notices, stating the nature of the alterations required by the Medical Officer, and the time when the Grand Jury will inquire into the matter. The Grand Jury by deputation from their body inspect the premises, receive any evidence tendered and then report as they think desirable. They then consider the report of their deputation and make a presentment. The Borough Engineer now prepares plans and specifications of the works required to carry out the presentment. Notice is again served on the owners of premises telling them when and where they may inspect these plans and specifications. If any owner objects to the works, he may go before the Justices and discuss the propriety thereof and the Justices may make such order as they think fit. The Corporation and the owner of premises are, if they can, to come to some mutual agreement as to the amount of compensation to be paid to the owners for the alteration or demolition of the premises. If they cannot agree, two valuers are to be appointed and if their valuation be not accepted then the decision is to be left to a Jury. On tender of amount of Compensation, the Corporation may execute the work.

The act is found to work very smoothly and certainly as quickly as could be reasonably expected by any person familiar with the usual impediments of law wherever property is concerned. Only one case has yet arisen requiring the intervention of a Jury. In one instance, the Justices were asked to consider the propriety of separating adjoining properties by a wall or iron rail but this was amicably settled.

It was by the death registry of the typhus epidemic prevailing in Liverpool during the years 1863, 4 and 5, that the recommendations made to and approved of by the Grand Jury were justified ; in so far that the existence of fatal disease, and not any mere theory as to the probable influence of physical agents in the causation of sickness, occasioned the selection of some courts to the exclusion of others in the necessarily restricted measure of improvement. The districts in which typhus had been fatal were carefully inspected. In some, the predisposing cause of the fever was traced to the overcrowding of rooms, destitution, cellar habitation, or to personal squalidness and filth ; and here the remedy of the evil was beyond the provisions of the Sanitary Act. In others, the adverse moral and social conditions of the people in their inner homes, were associated with external and physical defects—with close un-ventilated courts and open cess-pits. It was to these latter, that the first efforts of amelioration by structural alterations were directed. There may be, (though that is doubtful, for disease and direct violation of Sanitary Laws, are inseparable as cause and effect), courts and alleys, which may seem as bad, or even worse in structural arrangement, than those comprised in the Grand Jury's presentments ; but it is sufficient to state that the remedy was advisedly applied in the first instances to cases where disease and death showed it to be most urgently demanded.

The presentments, besides ordering the total demolition of three hundred and eighty-four houses, directed alterations to be made in one hundred and eight. They required, also, the removal or the conversion into water-closets, of six hundred and forty-seven privies and open cesspits. Connected with this Sanitary work, there were many contingent and unavoidable obligations not always precisely mentioned in the requirements of the presentments ; such as levelling irregularities of ground between contiguous courts ; reflagging courts ; repairing and cementing walls and gable ends of houses adjoining those demolished ; and, where very strong objections were raised against the removal of the separating walls of adjoining courts, substituting iron railings for such walls.

The streets and courts affected by these measures were chiefly situated in the older parts of the town ;—in the wards of Scotland, Vauxhall, St. Paul's, Exchange, St. Peter's, Pitt Street, Great George, Rodney, Abercromby and South Toxteth.

The one principle which chiefly regulated the plans of improvement, was a desire to obtain the greatest amount of direct ventilation and of the ingress of air and light to the houses of courts at the least sacrifice of property. It is not therefore without interest to know that the demolition of three hundred

and eighty-four houses will directly benefit, by the open space thus acquired, two thousand one hundred and seventy-four houses; without weighing at all the other advantages to the neighbourhood and the town which will follow the eradication of hot beds of contagious disease.

In many instances, the arrangement or overcrowding of buildings was so singularly and ingeniously objectionable, that no other remedy for the evil was possible except a total demolition or a sweep more or less complete of the whole premises.

This was particularly the case with some of the courts mentioned in the first presentment, and which had been previously selected by the Health Committee as examples to illustrate the necessity of the provisions of the Sanitary Act. In such cases the process of reform was total demolition. It was simply trampling out the lurking places of fever without having much direct effect on the physical condition of the neighbouring courts. Among the bad places thus summarily treated, were Nos. 3 and 5 courts, Crump Street, No. 7 court, Norfolk Street, or rather an interlacing network of courts, so numbered running between Brick Street and Norfolk Street, the narrow court or alley called Trafford Weint, buried among the high warehouses of South John Street, No. 3 court, Edmund Street, No. 2 court, Combermere Street, No. 6 court, Thomas Street, No. 1 court, Dansie Street, Nos. 1, 3 and 5 courts, Smithfield Street, No. 22 court, Naylor Street, Nos. 1 and 4 courts, Harrison Street, No. 25 court, Upper Frederick Street, No. 4 court, Pitt Street, and No. 4 court Gilbert Street.

In many instances however, the insalubrity of two or more adjoining courts was remedied at the inexpensive cost of a partial or total removal of the houses separating them, and enclosing and preventing the circulation of vital air. This is a plan of improvement which seems very easily applicable to almost all the bad courts of Liverpool. It was tried beneficially in Nos. 2, 4 and 6 courts, North Street; No. 6 court, Naylor Street and No. 6 court, Gladstone Street; No. 2 court, Vauxhall Road and No. 2 court, Oriel Street; No. 1 court, Wigan Street and No. 2 court, Chisenhale Street; No. 12 court, Chisenhale Street and Dale Place, Charters Street; Nos. 20, 22 and 26 courts, Chisenhale Street; No. 9 court, Mann Street and No. 4 court, Beaufort Street; Nos. 27 and 29 courts, Mann Street; Nos. 15 and 17 courts, Blenheim Street, No. 2 court, Wright Street and No. 14 court, Limekiln Lane; Nos. 19 and 21 courts, Blenheim Street and Nos. 4 and 6 courts, Wright Street; Nos. 2 and 4 courts, Rachel Street and No. 1 court, Virgil Street; Nos. 1 and 3 courts, Saint Andrew Street and No. 2 court, Cross Street; Nos. 16 and 18 courts, Gilbert Street.

An extension of this principle of improving the condition of the residences of the poor, by the removal of those premises only which hindered the admission of air and light into the courts, was very beneficially followed on a large scale in many of the well known fever districts of the town. In my Report for 1865, I have thus referred to such a district: "In order to form a correct opinion of the physical condition of a real fever centre, it will be necessary to restrict our enquiries to the bad cluster of streets, running between Gt. Crosshall Street, Standish Street and Marybone. The population of this block in the census of 1861, was 9632 persons of 1993 families, in 1051 houses, on an area of 63,609 superficial yards; which gives two families and 9.1 persons to each house on an average area including streets and open spaces of 60 superficial yards. The houses are what are termed the straight up and down, containing a sitting room averaging 900 cubical feet, a middle room 900 feet, and an upper room between 700 and 800 feet. It is therefore not surprising to find that 116 persons or 1.2 per cent of the whole population died from fever during the year in this block."

The alterations made in this district by the presentments are, I believe, adequate to its very large necessities. Lines of houses constituting the back to back tenements in the several courts were removed so as to obtain open and well ventilated spaces between Sawney Pope and Addison Streets, Addison and Bispham Streets, Bispham and Henry Edward Streets, Henry Edward and Adlington Streets, Adlington and Lace Streets, Hodson and Addison Streets. As all these lines, with the exception of the last, run east and west, there is not only throughout a free admission of air, but what is of almost equal advantage, no nooks for the reception and accumulation of filth. The open cesspits have been removed and the privies converted into trough water closets.

Oriel and Paul Streets—adjoining streets branching off Vauxhall Road—contain numerous long and narrow courts, the filthy residences of the lowest Irish. In the former of these streets there were 19 courts—14 on the south and 5 on the north side—completely closed at their ends so as to prevent the circulation of air. At these ends of the courts, and within three feet of the cottages on either side, were two privies and a large open middenstead, the receptacles of the garbage and refuse of 12 houses, and therefore at the lowest computation of 84 persons.

The middenstead always contained water, and the stench from it was horribly offensive. Can it be wondered at that the residents of these courts were drunken, squalid, spiritless and unhealthy?

The presentments, by the demolition of 31 houses, obtained a continuous area of open space at the ends of the courts on both sides of the street. The mid-

densteads were removed and trough water closets substituted in their places. The physical improvement was thereby so manifest, that the Health Committee have gone beyond the presentment and have purchased and pulled down three houses so as to continue the open space to Cherry Lane.

The improvements made in the six closed courts on the north side of Paul Street are of the same character as those of Oriel Street.

The twenty-five courts situated between Westmoreland and Upper Milk Streets were completely shut in by buildings in Cockspur and Leeds Streets—so completely, that these courts, though occupied by Welsh families in pretty well to do circumstances, were as unhealthy as the worst neighbourhoods inhabited by the low Irish. In order to open these courts to thorough ventilation, one house was ordered to be removed so as to make a communication between them and Leeds Street, and the open space thus obtained was maintained through the whole line of the courts by the removal of twelve houses and some outbuildings. The privies were ordered to be converted into trough water closets.

The courts also lying between Westmoreland and Northampton Streets, and occupied by a similar class of persons, were improved by the removal of nine houses and the conversion of the privies into trough water closets.

Chapman Street, late Roberts Street. Here, some of the owners had, of their own free will, removed a house at the ends of four of the courts, not only to lessen the overcrowding but also to obtain space for the privies and middensteads which otherwise must, (as in fact was the case in all the courts of the town,) have been placed near to and beneath the windows of the cottages.

It was by the inspection of the improvement thus effected that the idea of making a thorough and continuous opening at the rear of courts running parallel to each other was originated and encouraged; and it was here that it was first practically carried into effect by order of the first presentment. The demolition of 13 houses gave thorough ventilation to and provided space for the erection of trough water closets for 14 courts.

Saltney Street used to be an excellent example of the success with which perverse ingenuity could concentrate around or within the houses of the poor every physical condition for promoting sickness. The utmost breadth of its courts was only 13 feet, while their entrances were narrowed still further by privies and cesspools to 3 feet 3 in. in width. The ends of the courts were closed by the back walls of the houses in Dublin Street. These houses were probably erected by the same architect as those in Saltney Street. Having no yards, their privies and middens were placed inside at the end of the lobbies leading to the sitting rooms, and were emptied through tunnels or underground pas-

sages reaching from the courts of Saltney Street. It was thus contrived that the cottages of the courts had two filthy cesspits over which every breath of air that reached them passed and was contaminated, while the atmosphere in which the inhabitants lived was further poisoned by the privy refuse of the families in Dublin Street. The presentment ordered the demolition of a line of 27 houses, the abolition of the cesspits at the entrances of the courts, and the erection of sufficient trough water closets on the area opened by the removal of the houses. The Health Committee at the same time ordered, on the certificate of the Medical Officer, the privies inside the houses in Dublin Street to be converted into water closets.

Dryden and Grenville Streets running parallel to each other, always stood high in the death registry of typhus, and in 1865, 29 deaths occurred in them from that disease. The unhealthiness was promoted by the existence of 18 long narrow courts dividing the streets. The Presentment, by directing the demolition of 13 houses, obtained a continuous line of open space running east and west through the courts, and not only giving necessary ventilation to them, but affording room for the erection of trough water closets in lieu of the privies hitherto situated at the entrances and ends of the courts.

Saint Andrew Street. In this street 13 of the courts were entered by covered passages and had their ends closed by the walls of the Abattoir. The remedy applied, was the removal of the street house at the entrance of each court, and the erection of trough water-closets in lieu of privies and cesspits. In four of the courts of the street, the entrances were narrowed by projections of houses, and here the remedy was, by the structural alteration of such houses, to enlarge the entrance to the width of the body of the court.

Oldham Place. Here the removal of 2 houses in Back Renshaw Street, was ordered so as to open the close court No. 1, Oldham Place, and give efficient circulation of air to 16 houses.

In all these several results of the operation of the Sanitary Act, there had been demolition of houses, and, so far, a curtailment of the restricted home accommodation available for the laboring classes of the Borough. But the peculiar position of Albert and Ashley Streets in South Toxteth Ward, and of Portland and Back Portland Streets in Scotland Ward, enabled great improvements to be effected by means of mere structural alterations.

Albert Street has long been known as a fever centre; its courts on the east side are narrow at their entrances being only of the width of 6 feet. Their ends were closed by their own privies and by the ashpits of Ashley Street, and as the level of Ashley Street was several feet higher than that of Albert Street, there was not only a complete but a filthy barrier to the free circulation

of air through the courts. The presentment directed all the privies and cess-pits to be removed, and the ground on which stood the ash-pits of the courts of Ashley Street, to be reduced to the level of Albert Street, and also, on the sites thus cleared, trough water-closets to be erected for the use of the residents of the courts. The alterations have proved so successful, that if the benefits of the Sanitary Act were to be illustrated by a single example, it should be by the changes on the east side of Albert Street.

The 10 courts on the west side of Albert Street were narrowed by the projecting sculleries of front houses. These were ordered by the presentment to be removed, so as thereby to enlarge the entrances to the width of the bodies of the courts, and in lieu of a money payment for the property thus altered, the Health Committee agreed to erect trough water-closets in substitution of the privies and cesspools.

The position of Portland and Back Portland Streets was so far peculiar and exceptional that no courts helped to produce or intensify the insalubrity of the district; and yet in Back Portland Street alone there were 19 deaths from typhus in the year 1864. It would seem as if the houses now situated on the north side of Back Portland Street had been built on the spaces originally allotted for the yards of Portland Street, and that as a consequence the sculleries, privies, and cesspools filled up every available nook of intermediate space. The remedy ordered by the Grand Jury was the demolition of all sculleries and out buildings, and the conversion of privies into water-closets.

I have been favoured by the Treasurer with the following Statement, showing the expenditure under the Liverpool Sanitary Amendment Act, 1864, for the improvement of courts and alleys, to the 27th Feb., 1868:—

Parliamentary Expenses in respect of the above Act		£1033	2	11
Property purchased under 1st Presentment.....	£7268	8	6	
" 2nd " 	8678	0	0	
" 3rd " 	15060	1	0	
		31006	9	6
Compensation for Demolishing Houses, &c., under 1st Presentment	1480	16	1	
" " 2nd " 	1701	0	0	
" " 3rd " 	2825	8	3	
		6007	4	4
Pulling down Houses and constructing Water-closets, &c., under 1st Presentment	902	1	2	
" " 2nd " 	6520	7	8	
" " 3rd " 	8155	3	8	
		15577	12	6
Law, &c., charges in respect of Property purchased		3849	1	2
Valuers' Fees under 1st and 2nd Presentments	706	2	0	
" 3rd " 	930	3	0	
		1636	5	0
Total Expenditure		£59109	15	5
The estimated cost of residue of purchases of houses to be demolished under Presentment	13500	0	0	
Estimated Legal Expenses	2900	0	0	
		16400	0	0
Total cost of the three Presentments		£75509	15	5

N.B.—The number of Houses already demolished under the three Presentments is 321.

THE MIDDEN SYSTEM.

One of the greatest Sanitary advantages derived from the alterations effected under the presentments of the Grand Jury was the conversion of privies into water-closets, and the purification thereby of the atmosphere around the closely packed homes of the poor. It would have been almost useless, for any good purpose, to obtain a free and thorough passage of air through the courts and alleys, if the air itself was contaminated by the fetid emanations of open middensteads and ashpits. Indeed, great as are the evils which attend the overcrowding of dwellings on superficial space, they are equalled in intensity and surpassed in extent by those of the midden system as it has long prevailed in Liverpool. Therefore the reformation of, or rather the means of practically putting an end to, the system altogether, should occupy a chief place in all our endeavours to improve the moral and physical condition of the people.

The Health Committee have, during the year 1867, ordered the conversion of 4,371 privies into water-closets. Of these, 730 being situated in courts, and accessible to and used by the residents of several houses, were altered into trough water-closets and placed under the supervision of scavengers, who empty and cleanse them once daily.*

In the Building Act of 1842, we find in Section 5, fixing the width of courts, an express proviso "that for the erection of any privies and ashpits for the said court, and for the house or houses to the front thereof, the entrance to the court may, if the Health Committee shall think proper, be narrowed to 6 feet in width." The Architects were not slow to avail themselves of this permission; and thus we find that as many as 769 of the courts of the town were constructed with privies at their entrances. The Health Committee, have, during the last year, assisted with great liberality in the removal of this unwise and hurtful arrangement. They have, whenever the owners would consent, paid out of the surplus fund the value of the land on which the privies were erected, and have, by making the drainage at the public cost, induced owners to erect trough water-closets at the ends of the courts; thereby not only abating an intolerable nuisance, but securing a wide opening and efficient ventilation.

The number of courts which were thus benefited during the year 1867 was 113, and the cost of the alterations (not including drainage) was £1,602.

The Health Committee have not confined their assistance solely to the owners of courts, but have completed the drainage of all houses where the existing drains of the middens were not sufficient for water-closets. The expense of the drainage, including the restoration of flagging, done at the public cost during the year 1867, amounted to £9,949 3s. 4d.

* Mr. Newman informs me that there are at present 2,770 trough water-closets under the daily supervision of the scavengers.

OVERCROWDING.

In my last annual report I referred to the provisions of the Public Health Act, 1866, and explained what had been the effect of the regulations for the well ordering of sub-let houses, as far as could be determined by the experience of a few months. At first, the four specially appointed officers were employed in inspecting, measuring, and registering houses occupied by members of more than one family. But when these sub-let houses were registered in various parts of the town, it was found convenient to make no distinction between the duties of the officers and those of the four Inspectors previously employed in the analagous work of overlooking the common lodging houses, or houses frequented by nightly and weekly lodgers. The town was therefore divided into eight districts, and placed under the charge of the eight Inspectors. The duties of these Inspectors are comprised in day and night visits to all registered houses, and to houses where there is a suspicion of overcrowding, and in recording in the books in the office of the Medical Officer the observations and results of such visits. They begin work at 9 o'clock a.m. at the Municipal Offices in Dale Street, and after having entered in the books the results of their visits during the previous day or night, proceed to their several districts and remain there until 5 o'clock p.m.

On two or three days of the week, varying according to orders, they make night visits between the hours of 11 p.m. and 2 a.m. On the day subsequent to the night visit they are allowed to be one hour later in coming to the office and to leave off duty at 3 p.m. The day Inspections are made by single officers, but those at night by two together. No night inspections are permitted to be paid without the written order of the Medical Officer or the chief Inspector.

There are two books for the entry of the day inspections; the one containing the facts respecting the condition of the houses generally of the poor; the other of the registered sub-let houses. In the first of these books the entries specify the number of the house in the street, the names of the owner and chief tenant of the house, and the number of families and persons stated to be living there. If in the records of this book there are evidences of the houses being occupied by members of more than one family, whether causing overcrowding or not, then the rooms are measured, and after due notice by circular to owner and chief tenant, the house is registered as sub-let. The second book contains the results of the visits to such registered houses. It records the date of Inspection, the name of Inspector, the number of the house in street, the name of chief tenant, the name and address of owner, the

number of rooms in the house, the cubical dimensions of each room, and the number of persons said to live in each room. The Inspectors are also required to fill up, to the best of their knowledge, columns in the report stating the occupation or calling of the chief tenant, the regularity or uncertainty of his daily work, his habits and those of his family, (as regards temperance,) the circumstances of his home, (whether poor or moderate.) The Inspectors are expected to judge of the habits of the tenant, not only without any prejudice, but with a leaning to regard every person as sober, unless the facts to the contrary are very patent. A tenant of a house is put down in the column of intemperate when his wife or the person in charge of the house is known to be a drunkard. The Inspectors do not enter as "poor" any houses where there is the most moderate quantity of furniture or bedding.

If, in the results of the day visits to registered houses, there are any appearances which indicate the probability of overcrowding or of more persons having slept in the rooms than are of the same family, then an order is given to make a night inspection.

The book kept for the results of the night inspections contains columns specifying the number of persons found, and the number allowed by the register, in accordance with the by-laws made by the Council, and approved of by the Secretary of State.

The Inspectors are also required, from the results of these night visits to fill up forms as to the arrangements of families, the improper mixing of sexes, &c.

Night visits are frequently paid to houses which have not been registered. This is done when, either from the observation of an Inspector or complaint of neighbours, there is reason to believe that overcrowding exists in some room of a house. Such night visits to unregistered houses have been paid by the Inspectors ever since 1864. It was the custom for us to give the chief tenant of such houses fourteen days' notice to abate the overcrowding found to exist, and then if he neglected to do so, to lay an information before the Justices. This was at all times a dilatory mode of acting, but it had the further disadvantage, that the information before the Justices stated in the words of the Act (the Nuisances Removal Act for England 1855) that the chief tenant did permit a certain house to be overcrowded, while the evidence of the Inspectors could only go to show the overcrowding of certain rooms in the house; and the Justices' legal adviser held that a house was not to be considered overcrowded within the meaning of the statute, as long as there were unoccupied or partially occupied rooms in the said house. The consequence of this opinion has been

that all houses found overcrowded are at once registered as sub-let, and then, if after the tickets have been put up, any single room be found overcrowded, the tenant is punished under the Act of 1866. It will be requisite also to register as many as possible of the houses of the poor so as thereby to get a power of direct supervision.

In addition to the above books, which are filled up by the Inspectors, a register book containing the measurement of all the rooms of sub-let houses, and the number of adults who may reside therein, is kept by a clerk who also prepares the necessary tickets to be pasted or nailed up on the walls.

The tickets are of two forms; one pasted up in the apartment occupied by the chief tenant mentions the number of the rooms in the house, and the number of persons allowed to occupy them; the other nailed on the door of each room specifies the number of adults which it may contain. The books kept for the registered lodging houses are separate from those of sub-let houses, and include remarks as to the condition of the bedding, &c.

The following particulars refer to the overcrowding of houses during 1867.

No. of rooms found overcrowded at night.....	1,261
Total cubical area of the above rooms	974,758 ft.
No. of adults found sleeping in the said rooms.....	3,558
No. of children below 15 years „ „	2,630
Average cubical area for each individual	157 ft.
Average cubical area for each adult (including therein two children under 15 years as one adult)	200 ft.

The number of cases for overcrowding brought up before the Justices was 275; of these 227 were punished, and 48 were acquitted because of some mitigating circumstances; such as proof that they had abated the nuisance between the service of notice and the time of hearing, or had endeavoured to do so by trying to turn out the occupiers of the overcrowded room. The amount of fines levied during the year for overcrowding in sub-let houses was £49.

The number of sub-let houses which were measured, duly registered, and under direct supervision during 1867 was 2435, but we have only reliable statistics as to the history of the tenants in the 1537 mentioned in the following table, which shows at one glance most of the facts contained in the Reports of the Inspectors.

POSITION OF HOUSES REGISTERED, EACH CONTAINING	N ^O . OF HOUSES REGISTERED.	AVERAGE MEASUREMENT OF ROOMS NUMBERED										CHIEF TENANTS.						ALL REGISTERED SUB-LET HOUSES CONTAIN TWO OR MORE FAMILIES.	
												Occupation.			Habits.		Circum- stances.		
		1	2	3	4	5	6	7	8	9	10	Branch.	Con- stant.	Irreg- ular.	Sober.	Intem- perate.			Poor.	Mode- rate.
2 Rooms in Courts.	6	1045	877	...	...	...	...	...	...	...	4 Labourers. 2 Women....	...	4	2	2	3	1	1	1
2 Rooms in Streets.	5	1010	672	...	...	...	...	...	...	...	2 Labourers. 3 Women....	...	2	2	...	1	1	1	1
3 Rooms in Courts.	1014	900	800	700	...	...	...	...	...	...	846 Labourers. 23 Tradesmen 145 Women....	31	815	336	510	712	134	9	25
3 Rooms in Streets.	385	900	900	800	...	...	...	...	...	...	311 Labourers. 14 Tradesmen 60 Women....	6	305	121	190	275	36	6	8
4 Rooms in Courts.	13	988	969	864	800	...	...	...	...	...	9 Labourers. 1 Tradesman 3 Women....	2	7	1	8	8	1	1	1
4 Rooms in Streets.	34	969	914	798	687	...	...	...	...	...	27 Labourers. 7 Women....	1	26	13	14	25	2	2	2
5 Rooms in Streets.	32	844	744	951	682	769	...	...	...	...	25 Labourers. 4 Tradesmen 3 Women....	3	25	10	15	16	9	3	1
6 Rooms in Courts.	5	810	725	1013	917	856	716	...	...	...	5 Labourers.	...	3	3	2	3	2	2	2
6 Rooms in Streets.	27	1064	1016	1297	935	1141	867	...	...	...	15 Labourers. 7 Tradesmen 5 Women....	...	15	6	9	15	3	3	3
7 Rooms in Streets.	10	909	925	517	1030	779	916	706	...	...	8 Labourers. 1 Tradesman 1 Woman....	2	6	3	5	4	1	1	1
8 Rooms in Streets.	5	1155	930	798	1486	763	743	1297	821	...	3 Labourers. 2 Women....	...	3	2	1	1	2	1	1
10 Rooms in Streets.	1	952	1240	1800	960	672	1690	1024	672	1568	1690	...	2	1	...	1	1	...	...
Total.....	1537	...	...	...	...	...	...	...	...	...	1256 Labourers 50 Tradesmen 231 Women....	61	1476	677	860	1286	251		

It will be seen by the above table that of 1,537 chief tenants of the sub-let houses, no fewer than 860 were, in the opinion of the Inspectors, to be classed among the intemperate, while only 677 could be considered sober.

The columns as to the occupations of the people, are, if possible, still more startling. In 1,476 instances, the daily work and therefore the daily earnings of the families were irregular, while in only 61 instances were they constant. If a sub-let house contains upwards of four rooms, there will be no doubt a profit to the chief tenant by sub-letting; but that will not be the case to any appreciable extent in the three roomed houses.

I have on a former occasion mentioned that some enquiries which I made in 1865 convinced me that the average wage of the unskilled labourer in Liverpool was about 12s. per week. This is higher than what the carefully drawn up statistics of Mr. Finch showed it to have been in 1842. He analysed the earnings of 4,387 families in Vauxhall Ward—then as now the resort of the skilled and unskilled labourers. He found that these earnings amounted to £2,023 19s. per week, being 9s. 3d. per family on the average; which reckoning four persons to each family, will give an average of 4d. per day each for 17,548 individuals. But of the total earnings, £1030 6s. was received by 955 families, gaining from 17s. to 40s. per week, which leaves £993 13s. among 3,432 families, or 5s. 9d. per family per week, or 2½d. per day each for 13,728 individuals.

It is no doubt partly from the smallness and precariousness of the earnings of unskilled industry, that so many families live in the single rooms of sub-let houses, and thus perpetuate their miserable condition in the training and bringing up of their children. And it may be a question whether this condition of their homes promotes the vice of drunkenness, or whether drunkenness itself be the primary and originating cause of that thriftless improvidence which leads to poverty and want. But there is another phase of the habits engendered by the single-room tenements of our sub-let houses, which is not without interest in all future measures for the education and improvement of the people.

It has been mentioned that at the nightly visits, the Inspectors are required to take notice of the arrangements as well as of the number of the persons in a family occupying a single room. The law does not give us any power to interfere in this matter, except in the case of the rooms of the registered common lodging houses; but the following facts will show the magnitude of the moral evil belonging to the present single room occupation, and the facts will also disclose, however repulsively, the canker which threatens to blight the most sacred bonds of the family and social system,

I must not however be misunderstood. I do not associate the facts with the base passions which cause men and women to herd indiscriminately like brute beasts in one common room ; on the contrary, I have found that neither the people themselves nor their neighbours speak of the promiscuous arrangements of members of the same family as if it were a fault, or even a misfortune. A girl in the labourers' class does not necessarily lose self-respect by what would shock the educated ; but, nevertheless, her position is perilous in the single-room arrangements, and therefore worthy of the consideration of the legislator, the moralist, and the teacher.

In sixty-two instances, adult sons and daughters slept in the same room with their parents, and, in three instances, in the same bed. In 152 instances, adult daughters slept in the same room, and in fifty-six instances, in the same bed with their parents. In ninety-nine instances, adult sons slept in the same room, and in thirty-seven instances, in the same bed with their parents. In 214 instances, adult sons slept in the same room, and in 158 instances, in the same bed with their mothers. In thirty-seven instances, adult daughters slept in the same room, and in twenty-seven instances, in the same bed with their fathers. In fifty-nine instances, the mother with her adult sons and daughters, slept in the same room, and in twenty-one instances, in the same bed together. In twelve instances, the father with his adult sons and daughters, slept in the same room, and in six instances, in the same bed together. In seven instances, a mother, adult son, and a female lodger slept in the same room, and in two instances, in the same bed together. In sixty-four instances, a man, his wife, and a female lodger slept in the same room, and in three instances, in the same bed. In twelve instances, a man, wife, and male lodger slept in the same room. In thirty-nine instances, adult brothers and sisters slept in the same room, and in twenty instances, in the same bed.

The overcrowding which we find in sub-let houses is generally connected with or caused by these bad arrangements of a family. Thus, for example : in one room of the cubical dimensions of 900 feet, a mother and her two sons æt 18 and 20 were in one bed, and a man, his wife, and his daughter æt 18 in another bed. In another room of the cubical dimensions of 800 feet, there were found sleeping a father, two sons æt 18 and 20, a daughter æt 22, and a female lodger æt 30. In another room of the cubical dimensions of 800 feet, there were found sleeping in one bed on the floor two brothers æt 24 and 26, and four sisters æt 28, 20, 18, and 16.

The only remedy for overcrowding and its attendant demoralising and injurious consequences is the education of the people.

Indeed, it is only as a step—a rough one it is true—in the practical inculcation of common things necessary for decency and health, that the inspection and regulation of sublet houses can be justified. There is no wish on the part of the Health Committee to exercise their power in this matter so as to punish or press heavily on the people. The space required by the Bye-laws for each adult resident in a room is the smallest that prudence could authorise;—so small (350 feet) that the Secretary of State was only induced to sanction it on account of the restricted size of the rooms of our cottages, and the insufficiency of the dwelling accommodation within the Borough. It will be only necessary to point to the smallness of the total amount of fines to show that the law is carried out in that spirit of leniency and consideration towards the residents of the sublet rooms which was desired by the Health Committee. But while coercion, even the most prudent, is applied on the home arrangements of the people;—while the law, armed with penal clauses (however wise and necessary be the enactment, or however judicious the administration of it) goes beyond the threshold of the poor man's house, it is necessary, nay, it is only just that the governing authorities should make some effort to enable the poor man to avoid the offences for which he is punishable.

They can only do so by erecting more houses, and thereby increasing the number and lessening the rent of the dwellings available for the accommodation of the working classes.

The Corporation of Liverpool have already taken most praiseworthy action in this matter. In 1865, they expended £21,306 in the purchase of blocks of land as sites for workmens' dwellings.

In order to give to private enterprise an opportunity of erecting, as a commercial speculation, a part at least of the required buildings, they, on the 5th of July, 1866, advertised their willingness to receive tenders for the purchase either on chief rent or otherwise of 3,354 superficial yards of the land for that purpose. No response, and I believe no inquiry even, was made to this advertisement.

The Council determined in July, 1867, to invite competitors to submit plans and designs for workmens' dwellings, and offered the premium of £200 for the best. There were seventy-three competitors, and it is only right to state that all the designs were of the highest character of architectural ability. Most of them unfortunately had been arranged without consideration of, probably without knowledge of, our local building laws. As a

consequence of this, only twelve of the designs could be admitted to the competition, and of these the successful one was that of Mr. Reeves of Liverpool.

The Corporation however gave a second prize to and afterwards bought the plan submitted by Messrs. Hesketh and Redman. This plan, when slightly altered, was adopted by the Corporation. It will cost, according to the accepted contract of Mr Yates, £12,231, and consists of 146 dwellings, admirably arranged and well calculated to meet all the home requirements of the working classes.

LODGING HOUSES.

The number of Inspections made during the year to registered Lodging Houses were 51,147, to unregistered 2,375, of which 45,462 were during the day and 5,685 during the night.

The number of houses on the register at the commencement of the year was 1278; the number of houses registered during the year, 297; the number removed from the register, 349; leaving the number at present on the register 1,226. The falling off of the number of registered lodging houses within the Borough, is chiefly due to the fact that the Sanitary Act of 1866, enables us now to be more strict than formerly in the requirements for the accommodation and convenience of the lodgers. Formerly, every house where nightly lodgers were known to be received was at once registered; because it was necessary thereby to bring them under the supervision of the Inspectors. Now, we refuse a license wherever there is not a separate sitting-room for the use of the lodgers, during the day or evening; and all houses receiving lodgers without having this accommodation are placed in the category of "sub-let." There has also been a considerable slackness in the emigration trade, and the brokers arrange that the contract passengers shall not stop at lodging houses but immediately on arrival at the port, proceed to the vessels.

The different matters connected with the working of the Lodging Houses department will be best shown in the following table.

LODGING-HOUSES.

REGISTRATIONS AND INSPECTIONS.

Nightly Visits. Houses Examined.	Number of Per- sons belonging to the Family and Registered as belonging to the House.	Number of Per- sons belonging to the Family and found on Nightly Visits.	Difference be- tween the Number Registered and Number found on Nightly Visits.	Number of Lod- gers allowed by the Medical Officer of Health.	Number of Lod- gers found on Nightly Visits.	Below the Number Regis- tered.	Number of Houses found overcrowded on Nightly Visits.	Number of Lod- gers found above the Number allowed in the 20 houses on Nightly Visits.	Number of Unregistered Houses Visited during the Night.
5570	22309	20986	1323	47069	21703	25366	20	46	115

Number on the Register, Dec. 31st, 1866.	Number of Houses Registered during the year.	Removed from the Register.	No. on the Register Dec. 31, 1867.	Inspections of Registered Houses.		Inspections of Unregistered Houses.		Total Inspec- tions.	Number of Fever Cases in Registered Houses during the Year.	Number of Cholera Cases in Registered Houses during the Year.	Deaths from Fever.	Deaths from Cholera.	Total Deaths in Registered Houses during the Year, including the Fever Cases.
				Day.	Night.	Day.	Night.						
1278	297	349	1226	43202	5570	48772	2260	115	11	None.	1	None.	71

NOTICES AND INFORMATION.

INFORMATIONS FOR											Results of Information.		
Notices to Register.	Notices to Lime-wash Tickets.	Notices to apply for Tickets.	Not Register- ing.	Not exhibiting Ticket.	Over- crowding.	Not washing Floors.	Not sweeping Floors.	Not Lime- washing.	Mixing Sexes.	Total.	With- drawn.	Acquit- ted.	Fined.
337	440	297	6	5	20	36	55	4	5	131	2	12	117

AMOUNT OF FINES.

No. at 1s.—1s.	No. at 2s. 6d.	No. at 5s.	No. at 10s.—4s. 6d.	No. at 20s.—4s. 6d.	No. at 40s.—4s. 6d.	Total Amount of Fines.	Total fined.	Withdrawn and Acquitted.	No. of Houses sketched and measured.
40	3	40	1	9	4	£42 11s.	117	14	204

DISINFECTING APPARATUSES, 1867.

These have happily not been so urgently required as during the year 1866, but I fear that, besides from the cessation of the fever and cholera epidemics, the decrease in the articles disinfected is due somewhat to lukewarmness on the part of those who generally interest themselves in the well being of society, and in the care and protection of the poor and the sick.

APPARATUS.	Number of Orders signed by				No. of Articles Disinfected.
	Medical Gentlemen.	Clergymen.	Officers of the Corporation.	Others.	
Ford Street	52	...	14	28	2492
New Bird Street, opened week ending 9th May..	51	...	13	1	2111
	103	...	27	29	4603

SLAUGHTER-HOUSE RETURNS OF CATTLE KILLED IN THE BOROUGH, 1867.

SLAUGHTER-HOUSES.		Beasts.	Sheep.	Lambs.	Calves.	Pigs.	Goats.
ABATTOIR.....		25039	177138	...	9335	13822	26
New Parts.	Corlett	481	2960	774	8	194	...
	Crown	188	905	272	...	39	...
	Peel	129	769	227	...	5	...
	Byles	322	1910	437	...	...	...
	Gelling	767	2682	815	6	42	...
	Darnley .....	...	...	...	...	3450	...
	Cotter	57	1939	577	...	2950	...
	Head (1).....	182	1885	599	...	...	...
	Do. (2) .....	...	...	...	...	4336	...
	Parliament	760	4004	1356	103	652	...
	Grinfield	51	363	111	1	29	...
	Wavertree Road	85	243	113	...	37	...
	Castle	527	2647	509	...	57	...
	Back Castle.....	384	2383	612	...	12	...
	Knight.....	151	441	161	...	...	...
	Browside	145	694	188	...	...	...
	Railway Arches, Sandhills ..	2933	210	...	...	...	...
Old Parts	Norfolk	1426	2238	538	...	...	...
	Frederick	391	1523	423	10	31	...
	St. James'	256	760	291	...	5	...
	Lydia Ann	23	114	...	...	...	...
	Price	469	1287	223	8	8	...
	Duke Street Lane	505	1882	484	...	...	...
	Brownlow Hill	64	420	108	...	...	...
	Lawton	273	1075	316	91	...	...
	Bolton	1172	2621	755	73	14	...
	Silver	874	2089	692	13	7	...
	Finch Place.....	1102	5685	1573	62	2	...
	Bayhorse Lane	267	1689	601	154	...	...
	Norman .....	...	...	...	...	781	...
	Bk. Com'tation Row, Parry's	252	1278	430	8	1	2
	Do. Wilson's	498	1753	344	48	...	...
	Whitechapel	40	322	82	5	66	...
	Hood	1239	4774	2327	268	2	...
	Regent Street	130	372	71	...	...	...
	Regent Road	499	942	103	...	...	...
	Dundee .....	...	...	...	...	...	...
	Batchelor.....	292	1374	459	268	...	...
	Plumbe .....	...	...	...	...	2096	...
	Upper Milk.....	833	2126	424	...	8136	...
	Lower do. ....	...	...	...	...	8100	...
	Benledi	539	1972	574	...	...	...
	Stanley Road	776	3647	403	2	84	...
	Hodson	307	824	238	...	...	...
	Byrom .....	...	...	...	...	1312	...
	Arley	675	411	...	14	1409	...
	Scotland Road.....	436	384	...	1406	...	...
	Bevington Hill	1781	2150	983	1012	...	...
Total		47320	244885	19193	12895	47679	28

UNWHOLESOME MEAT CONDEMNED DURING 1867.

	Beef.	Veal.	Mutton.	Lamb.	Pork.	Poultry.	Rabbits.
	lbs.	lbs.	lbs.	lbs.	lbs.	Head.	Head.
At Slaughterhouses.	ABATTOIR.....	27352	4488	6600	641	6950	...
	Bevington Hill	10227	7441	657	...	191	...
	Scotland Road	10493	9217	...	...	...	...
	Arley Street	3735	...	...	...	1074	...
	Railway Arches, Sand- hills	5530	...	...	...	...	...
	Hodson Street .....	...	...	...	...	764	...
	Upper Milk Street	929	...	...	...	...	...
	Warwick Street	553	...	...	...	...	...
	St. James Street .....	...	...	517	...	100	...
	Hood Street	169	...	...	...	...	...
	Brownlow Hill	410	295	...	...	...	...
	Gelling Street.....	...	74	94	...	...	...
	Parliament Street	569	418	481	...	...	...
	Silver Street .....	...	...	...	40	...	...
	Grinfield Street .....	...	...	53	...	...	...
	Finch Place .....	...	50	665	...	...	...
Markets.	Gill Street Market	3205	389	236	...	3822	...
	St. James's „	381	70	46	...	100	9
	St. John's „	142	268	490	...	...	914
	St. Martin's „ .....	...	95	...	...	...	1888
Other Places.	Northumberland Street	2859	...	88	...	...	...
	North Hill Street	1170	...	...	...	...	...
	Warrington.....	...	2012	...	...	...	...
	Hill Street	1150	...	...	...	...	...
	Soho Street.....	1731	...	...	...	...	...
	Back Russell Street ...	1166	...	...	...	...	...
	Prescot Street .....	...	...	172	...	...	...
	Pownall Square .....	...	...	...	...	75	...
	Richmond Row .....	...	...	...	...	96	...
	Pitt Street .....	...	...	...	...	200	...
	Chatsworth Street .....	...	...	165	...	...	...
	Vine Street.....	512	...	...	...	...	...
	Smithdown Lane .....	...	...	252	...	...	...
	St. Helen's.....	...	49	...	...	...	...
	London Road .....	...	...	...	...	300	...
	Paddington	1066	...	...	...	26	...
	Burscough	500	...	...	...	...	...
	Dale Street.....	...	72	...	...	...	...
	Mount Pleasant .....	...	...	...	...	26	...
	Rose Hill Pinfold .....	...	...	...	...	...	11
	Clarence Dock.....	...	...	160	...	430	...
	Prince's Street .....	...	59	...	...	...	...
	Fox Street .....	...	...	...	...	360	...
TOTAL		73849	24997	10676	681	14514	925
							1897

SMOTHERED CATTLE.

Beasts.	Sheep.	Pigs.	No. found Good.	Bad.	Weight of bad in lbs.
54	347	88	141	348	45,628

INSPECTOR OF NUISANCES' REPORTS.

INSPECTION AND PROCEDURE FOR THE YEAR 1867.

Complaints of nuisances made by inhabitants	3886
General report of nuisances	3986
House to house visitation	12981
Total number of nuisances	16967
General nuisance notices	2695
House to house notices	9684
Total nuisance notices.....	12379
Number of informations	625
Number fined	197
Number acquitted	428

FEVER IN HOUSES.

804 street houses examined, contained 1,195 cases of fever.
 459 court houses examined, contained 820 cases of fever.
 53 cellars examined, contained 80 cases of fever.

EXAMINATION OF CELLARS FOR THE YEAR 1867.

Number of streets examined	2013
" cellars examined.....	25871
" " exempt from the operation of the Act	2781
" " found empty	10126
" " occupied with beds.....	1732
" " " without beds	11232
Number of courts examined	4381
" " cellars examined	23603
" " " found empty	11288
" " " occupied with beds	716
" " " " without beds	11599
Total number of cellars inspected.....	49474
" " found empty	21414
" " occupied with beds.....	2448
" " " without beds	22831

PROCEEDINGS.

Number of cellar notices.....	2183
„ „ informations	489
„ „ fines	305
„ „ acquitted and withdrawn	184

HOUSE TO HOUSE VISITATION DURING THE YEAR 1867.

Number of streets examined	2382
Number of street houses examined	35639
„ „ found clean	29964
„ „ found dirty	5675
Apartments in street houses examined	138269
Number of courts examined	6034
Number of court houses examined	33014
„ „ found clean	26708
„ „ found dirty	6306
Apartments in court houses examined	99024
Re-inspection of dirty houses	21159
Total number of houses examined	89812

PROCEEDINGS.

Number of notices to owners to whitewash filthy houses	11434
Number of notices to occupiers to whitewash filthy houses	4406
Number of notices to owners to whitewash exterior of court houses	2399
Renewed notices to whitewash	3706
Total.....	21945

FINES INFLICTED FOR 1867.

Nuisances	£158	8	0
Diseased meat and slaughter houses	94	11	0
Cellars	85	15	0
Whitewashing	62	17	6
	£401	11	6

DEATHS REGISTERED IN LIVERPOOL,

DURING THE YEAR ENDING SATURDAY, 28TH DECEMBER, 1867.

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