

[Report 1870] / Medical Officer of Health, Liverpool City.

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Liverpool (England). City Council.

Publication/Creation

1870

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REPORT
OF THE
HEALTH OF LIVERPOOL

DURING THE YEAR 1870,

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

Medical Officer of Health for the Borough.

LIVERPOOL :
BENSON AND HOLME, PRINTERS, 10, CASTLE STREET.

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1871.



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REPORT, 1870.

DURING the fifty-two weeks of the year 1870 (terminating on Saturday, 31st December, 1870), the Returns of the Local Registrars record 19,146 births and 16,099 deaths within the Borough of Liverpool.

Of the births, 9,682 were males, and 9,464 were females ; making the total Birth-rate of the Borough equal to 36.9 per 1,000.

The distribution of the births in the different wards and districts of the Borough has been arranged in the following Table :—

BIRTHS.

DISTRICTS AND WARDS.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual Births
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
Parish.	Scotland.....	391	387	457	470	412	369	351	339	3176
	Vauxhall	97	81	80	78	91	82	67	81	657
	St. Paul's and Exchange.....	116	91	90	117	100	116	108	91	829
	St. Anne's and Lime Street...	174	173	179	161	190	170	182	150	1379
	Castle Street and St. Peter's	36	23	31	21	27	30	32	38	238
	Pitt Street and Gt. George...	101	91	87	105	73	94	97	97	745
	Rodney St. and Abercromby..	206	259	249	231	208	212	234	203	1802
Out Townships.	Everton and Kirkdale.....	677	668	640	651	603	553	631	611	5034
	West Derby	243	261	233	251	254	239	262	252	1995
	The Toxteths.....	432	413	426	402	395	404	420	399	3291
Parish.....		1121	1105	1173	1183	1101	1073	1071	999	8826
Out Townships.....		1352	1342	1299	1304	1252	1196	1313	1262	10320
Borough.....		2473	2447	2472	2487	2353	2269	2384	2261	19146

Of the 16,099 deaths, 8,254 were of males, and 7,845 of females ; 9,300 occurred in the Parish, and 6,799 in the Out-townships.

The Death-rate of the Borough was equal to 31.1 per 1000, or to nearly 1 per 1000 less than the average rate which had prevailed during the previous ten years. The Death-rate of the Parish was equal to 33.3, and that of the Out-townships to 28.5 per 1000 of the estimated population.

If the relative number of males and females are still pretty near what they were between the two census periods of 1851 and 1861, then the Birth and Death-rates of females in 1870 were respectively 35·7 and 29·6, and those of males 38·3 and 29·6 per 1000 of the estimated population of the same sex.

The deaths occurred in the following districts :—

D E A T H S.

DISTRICTS.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.
		Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Deaths.
Parish.	Scotland	255	241	214	219	377	347	419	451	2523
	Vauxhall	72	81	58	66	124	103	108	91	703
	St. Paul's and Ex- change	91	77	63	66	104	83	124	134	742
	St. Anne's and Lime Street	159	136	132	104	171	158	194	166	1220
	Castle Street and St. Peter's	29	27	17	19	25	35	31	28	211
	Pitt Street and Great George	84	73	65	66	103	100	98	112	701
	Rodney Street and Abercromby.....	126	148	109	118	131	138	97	118	985
	Parish Workhouse and Hospitals.....	323	243	285	207	269	232	354	302	2215
										
Out Townships.	(Everton and Kirk- dale	373	346	293	294	417	396	445	447	3011
	West Derby	147	130	120	141	188	177	168	161	1232
	The Toxteths.....	253	249	218	217	338	322	369	368	2334
	Out Township Hos- pitals	1	—	—	1	26	20	87	87	222
Parish		1139	1026	943	865	1304	1196	1425	1402	9300
Out Townships.....		774	725	631	653	969	915	1069	1063	6799
Borough		1913	1751	1574	1518	2273	2111	2494	2465	16099

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 1,562 of the deaths in these establishments under the wards and districts from whence the patients were removed, viz., 418 under Scotland Ward, 256 under Vauxhall Ward, 183 under St. Paul's and Exchange Wards (Dale Street District,) 283 under St. Anne's and Lime Street Wards (Islington District,) 40 under Castle Street and St. Peter's Wards (Great George's District,) 149 under Pitt Street and Great George's Wards (St. Thomas's District,) 135 under Rodney Street and Abercromby Wards (Mount Pleasant District,) 67 under the Out-Townships of Everton and Kirkdale, 17 under that of West Derby, and 14 under those of the Toxteths. This will, however, still leave unclassified 875 deaths of persons whose previous residences were either unknown or are not specified.

The results of the alterations occasioned by a re-arrangement of the deaths in the wards and districts from whence the patients were removed will be shown in the following table, from which a calculated rate of mortality per 1,000 of the estimated inhabitants has been made.

DISTRICTS AND WARDS.	Annual.	
	Deaths.	Rate per 1000.
Scotland	2941	29·1
Vauxhall	959	43·9
St. Paul's and Exchange	925	36·2
St. Anne's and Lime Street	1503	36·3
Castle Street and St. Peter's	251	18·1
Pitt Street and Great George	850	34·6
Rodney Street and Abercromby	1120	21·9
Everton and Kirkdale	3078	26·4
West Derby	1249	24·4
The Toxteths	2348	33·0
Parish and Out-Township Workhouses and Hospitals, residences unknown	875	
Parish	9300	33·3
Out-Townships	6799	28·5
Borough	16099	31·1

The above rates must be regarded as mere approximations ; this is especially the case in respect of the mortality rates of Vauxhall Ward, St. Paul's and Exchange Wards, Castle Street and St. Peter's Wards, Pitt Street and Great George Wards, where the calculation is made upon a supposed annual decrease of population ; and in Lime Street and St. Anne's Wards, where the increase of population is estimated on a very small decimal of 00·6 per cent.

The Registrar-General's weekly reports enable us to compare the mortality of Liverpool with thirteen of the large towns of Great Britain ; and as the density of population ought to be considered in every comparison of the sanitary condition of towns and cities, it has also been included in the following table ;—

TOWNS.	Estimated Population in the middle of the year 1870.	Births in 52 Weeks, ending 31st Dec., 1870.	Deaths in 52 Weeks, ending 31st Dec., 1870.	Annual Rate to 1,000 of Population.		Area in Acres.	Population on Acre.
				Births.	Deaths.		
London	3214707	113488	77277	35.3	24.0	77997	41.2
Bristol	171382	6247	5123	36.4	29.8	4674	36.6
Birmingham	369604	12921	7804	34.9	21.1	7831	47.1
Manchester.....	374993	13721	10429	36.5	27.8	4069	92.1
Salford	121580	4870	3167	40.0	26.0	5009	24.2
Sheffield	247378	9779	6239	39.5	25.2	22830	10.8
Bradford.....	143197	5605	3914	39.1	27.3	6590	21.7
Leeds	259527	10445	7325	40.2	28.2	19221	13.5
Newcastle-on-Tyne..	133367	5093	3209	38.1	24.0	5336	24.9
Hull	130869	4411	2850	33.7	21.7	3621	36.1
Edinburgh	178970	6729	4706	37.5	26.2	4191	42.7
Glasgow	468189	19240	13930	41.0	29.7	5791	80.8
Liverpool	517567	19146	16099	36.9	31.1	5210	99.3

The average age at death of the inhabitants of the Borough during the twelve months of the year 1870 was 22 years, in the Parish 24 years, and in the Out-Townships 20 years. The following table shows, as might have been expected, that the average age was lowest during the third quarter, or during the months of July, August, and September, when the diseases of childhood, or at least Infantile Diarrhoea, were most rife.

WARDS.	QUARTERS.								YEAR 1870.		
	FIRST.		SECOND.		THIRD.		FOURTH.				
	Age in Years.		Age in Years.		Age in Years.		Age in Years.		Age in Years.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Both Sexes
Average Age at Death.	21	22	19	16	12	15	15	16	17	17	17
Scotland	26	28	16	20	15	16	20	17	19	20	20
Vauxhall.....	26	23	26	24	18	15	18	27	22	22	22
St. Paul's.....	33	30	26	25	15	18	23	27	24	25	25
Exchange	25	29	20	24	15	18	18	23	20	24	22
St. Anne's	17	25	27	27	16	25	13	19	18	24	21
Lime Street.....	35	16	32	41	23	42	30	31	30	33	32
Castle Street	24	34	29	29	32	17	12	31	24	28	26
St. Peter's	26	26	25	18	22	10	21	28	24	21	22
Pitt Street	22	29	17	31	12	15	18	23	17	25	21
Great George	23	33	22	34	19	15	27	29	24	28	26
Rodney Street.....	26	41	23	29	21	16	17	32	22	30	26
Abereromby	39	38	34	33	35	36	35	36	36	36	36
Parish Workhouse } and Hospitals..... }	21	23	21	24	15	16	15	23	18	22	20
Everton & Kirkdale...	19	24	21	25	16	17	17	20	18	22	20
West Derby	19	28	21	22	13	16	19	21	18	22	20
North Toxteth	19	26	17	21	11	14	22	19	17	20	19
South Toxteth	23	—	—	41	25	23	31	24	20	22	21
Out-Township Work- } house and Hospital }	28	30	25	25	19	20	22	24	24	25	24
Parish	20	23	20	23	14	16	17	23	18	21	20
Out-Townships ...	25	28	23	24	17	18	20	23	21	23	22
Borough.....											

The deaths of infants below the fifth year of their age amounted to 8,148, and thus comprised 50·6 per cent. of the whole deaths. There were at the last census 60,760 children under five years of age within the Borough of Liverpool, and the number may now be estimated at 70,837; therefore, their mortality in 1870 was equal to 11·5 per cent. 4,952 infants, or 25·8 per cent of all the children born within the Borough of Liverpool, died before attaining the age of twelve months.

The first of the following tables shows the districts where infant mortality was relatively and absolutely greatest; the second table illustrates the influence of age on the death rate of the Borough; and the third table places, in one connected view, the pathological history of the death registry.

WARDS.		Quarters.				Annual.	Per Cent- age of Deaths under 5 Years to Total Deaths.
		March.	June.	Sept.	Dec.		
Scotland.....	{ Total Deaths...	496	433	724	870	2523	62·9
	{ Below 5 years..	255	253	520	560	1588	
Vauxhall.....	{ Total Deaths...	153	124	227	199	703	56·1
	{ Below 5 years..	57	73	149	116	395	
St. Paul's	{ Total Deaths...	86	68	103	144	401	51·1
	{ Below 5 years..	37	29	66	73	205	
Exchange	{ Total Deaths...	82	61	84	114	341	46·0
	{ Below 5 years..	24	29	52	51	157	
St. Anne's.....	{ Total Deaths...	210	167	221	254	852	54·9
	{ Below 5 years..	99	89	139	141	468	
Lime Street.....	{ Total Deaths...	85	69	108	106	368	51·3
	{ Below 5 years..	29	30	67	63	189	
Castle Street....	{ Total Deaths...	16	10	15	17	58	41·3
	{ Below 5 years..	8	3	6	7	24	
St. Peter's	{ Total Deaths...	40	26	45	42	153	42·4
	{ Below 5 years..	13	10	26	16	65	
Pitt Street.....	{ Total Deaths...	56	53	82	73	264	53·7
	{ Below 5 years..	26	30	51	35	142	
Great George.....	{ Total Deaths...	101	78	121	137	437	54·4
	{ Below 5 years..	51	38	79	70	238	
Rodney Street	{ Total Deaths...	132	98	115	105	450	47·1
	{ Below 5 years..	48	44	70	50	212	
Abercromby.....	{ Total Deaths...	142	129	154	110	535	47·2
	{ Below 5 years..	47	59	100	47	253	
Parish Workhouse and Hospitals.....	{ Total Deaths...	566	492	501	656	2215	19·1
	{ Below 5 years..	86	106	96	136	424	
Everton and Kirkdale....	{ Total Deaths...	719	587	813	892	3011	56·1
	{ Below 5 years..	371	285	525	510	1691	
West Derby.....	{ Total Deaths...	277	261	365	329	1232	55·1
	{ Below 5 years..	156	118	224	182	680	
North Toxteth.....	{ Total Deaths...	260	215	318	378	1171	55·9
	{ Below 5 years..	134	109	200	212	655	
South Toxteth	{ Total Deaths...	242	220	342	359	1163	60·3
	{ Below 5 years..	124	123	238	217	702	
Out-Township Workhouse and Hospitals.....	{ Total Deaths...	1	1	46	174	222	27·4
	{ Below 5 years..	...	...	14	47	61	
Parish	{ Total Deaths...	2165	1808	2500	2827	9300	46·8
	{ Below 5 years..	780	793	1421	1365	4359	
Out Townships	{ Total Deaths...	1499	1284	1884	2132	6799	55·7
	{ Below 5 years..	785	635	1201	1168	3789	
Borough	{ Total Deaths...	3664	3092	4384	4959	16099	50·6
	{ Below 5 years..	1565	1428	2622	2533	8148	

AGES.	QUARTERS.				ANNUAL.	
	March.	June.	Sept.	Dec.	Deaths.	Rate per 1,000 of the Population.
Deaths at 1 year and under.....	938	870	1810	1334	4952	9.5
„ between 1 year and 5.....	627	558	812	1199	3196	6.1
„ „ 5 „ 20.....	265	266	302	453	1286	2.4
„ „ 20 „ 60.....	1330	1029	1086	1466	4911	9.4
„ above 60 years.....	499	362	368	503	1732	3.3
„ at ages unknown.....	5	7	6	4	22	00.4
„ at all ages.....	3664	3092	4384	4959	16099	31.1

The Registrar's returns show that there were 11 deaths (6 of women and 5 of men) above the age of 90, viz., 1 female at the age of 91, 1 male and 1 female at the age of 93, 3 males at the age of 95, 1 male and 1 female at 96, 1 female at 98, 1 female at 99, and 1 female at 102. This last person was an inmate of the Workhouse; her previous residence was No. 9, in No. 12 Court, Oriel Street, and she was the widow of a labourer.

CLASSES.	QUARTERS.				YEAR 1870.
	March.	June.	Sept.	Dec.	
1. Zymotic Diseases	620	617	1766	1728	4731
2. Diseases of Uncertain Seat	100	113	118	109	440
3. Tubercular Diseases	588	564	509	505	2166
4. Diseases of Brain, &c.	318	315	366	387	1386
5. „ of Heart, &c.	143	116	107	145	511
6. „ of Lungs, &c.	970	540	395	970	2875
7. „ of Stomach, &c.	147	129	169	164	609
8. „ of Kidneys, &c.	55	44	42	67	208
9. Childbirth, Diseases of Uterus, &c.	17	17	23	30	87
10. Rheumatism, Diseases of the Joints, &c.	16	25	22	15	78
11. Diseases of the Skin, Cellular Tissue, &c. ..	18	15	34	26	93
12. Malformations	6	7	5	5	23
13. Premature Birth	47	35	65	84	231
14. Atrophy and Debility.....	230	251	406	327	1214
15. Old Age	100	81	101	113	395
16. Privation, Cold, &c.	6	1	8	8	23
17. Inquests.....	255	195	235	252	937
Causes not specified	28	27	13	24	92
All Causes.....	3664	3092	4384	4959	16099
Total Zymotics	620	617	1766	1728	4731
Small Pox	—	—	10	164	174
Measles.....	29	35	44	118	226
Scarlatina	243	184	364	547	1278
Hooping Cough	63	76	124	188	451
Diarrhoea.....	58	103	907	83	1151
Typhus and Infantile Fever.....	115	103	140	214	572
Relapsing Fever	2	4	79	270	355

ZYMOTICS.

Zymotic diseases occasioned 4731 deaths during the year 1870, and thus accounted for 29.3 per cent. of the total mortality within the Borough of Liverpool during the same period. This was nearly one per cent. more than the proportional rate of Zymotic deaths to deaths from all causes during the preceding decennial period. The following table shows the localities and the periods of their fatal prevalence:—

WARDS, &c.	Deaths from all Causes	ZYMOTICS.				
		QUARTERS.				Per Centage of Zymotic deaths to deaths from all causes.
		March.	June.	Sept.	Dec.	
Scotland	2523	100	104	326	355	35.0
Vauxhall	703	17	25	93	72	29.4
St. Paul's	401	9	10	39	42	24.9
Exchange	341	9	11	25	37	24.0
St. Anne's.....	852	30	29	83	81	26.1
Lime Street	368	10	13	50	28	27.4
Castle Street	58	5	...	4	2	18.9
St. Peter's.....	153	6	8	11	12	24.1
Pitt Street.....	264	7	12	35	22	28.7
Great George.....	437	12	13	59	60	32.9
Rodney Street	450	15	22	42	23	22.6
Abercromby	535	21	24	56	30	24.4
Liverpool Workhouse Hospital.....	1715	66	57	81	94	17.3
North Hospital	137	...	1	1	1	2.1
South Hospital	109	1	4	2	...	6.4
Royal Infirmary	198	3	4	2	...	4.5
Lying-in Hospital	12	...	...	1	...	8.3
Ashfield Street Hospital.....	44	...	...	6	34	90.9
Everton and Kirkdale...	3011	155	122	328	278	29.3
West Derby	1232	45	50	163	104	29.3
North Toxteth	1171	61	54	138	151	34.5
South Toxteth.....	1163	47	53	190	169	39.4
West Derby Union	34	...	...	...	34	100.0
Everton Hospital.....	21	1	1	9	8	90.4
Kirkdale Hospital	166	...	...	22	91	68.0
Caryl Street Hospital	1	...	...	...	...	...
Parish	9300	311	337	916	893	26.4
Out Townships	6799	309	280	850	835	33.4
Borough	16099	620	617	1766	1728	29.3

TYPHUS AND INFANTILE REMITTENT FEVER.

These diseases accounted within the Borough of Liverpool for 572 deaths, or for 369 in the Parish and 203 in the Out-townships; the rate of their mortality was equal to 1.1 per 1000 per annum of the estimated population; their per-centage rate relatively to deaths from all causes was 3.1 during the first, 3.3 during the second, 3.2 during the third, and 4.3 during the fourth quarter of the year. Their deaths included 298 males and 274 females;

218 persons below the age of 15 ; 101 between the ages of 15 and 30, and 258 above the age of 30.

Every form of continued fever (with the exception of Relapsing Fever) is included under the generic term of Typhus ; but the Registers of Deaths attribute 25 cases to gastric fever, 56 to typhoid fever, 35 to enteric fever, 7 to continued fever, 2 to brain fever, and 218 to typhus. Under the term of fever there were registered 173 deaths, under that of febris 14 deaths, and under that of febricula 15 deaths. The deaths registered under the term of infantile remittent amounted to 27.

The following tables are in themselves sufficiently explanatory ; the first compares the averages of fever deaths during the preceding ten years with those during 1870 ; the second table shows the districts of the town and the periods of the year in which fever was most fatally prevalent ; the third table marks in streets the habitats of the disease ; and the remaining tables the occupations and social positions of its victims.

WARDS.	Exact Average of Fever Deaths for Pre- ceding Ten Years.	Deaths from Fever during the Year 1870.
Scotland	143	93
Vauxhall	48	26
St. Paul's	24	15
Exchange	22	5
St. Anne's	42	39
Lime Street	17	11
Castle Street	4	2
St. Peter's	6	5
Pitt Street	13	5
Great George	22	8
Rodney Street	20	6
Abercromby	22	12
Everton and Kirkdale	112	92
West Derby	39	27
North Toxteth	55	44
South Toxteth	80	22
Hospital Deaths	404	160
Total.....	1073	572

In the above table the averages have been calculated without making allowance for increase of population.

DEATHS FROM TYPHUS AND INFANTILE REMITTENT FEVER.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	Below 5 years ...	3	1	2	5	5	2	3	8	13	16	29
	Above 5 years ...	9	4	7	3	7	6	16	12	39	25	64
Vauxhall	Below 5 years ...	...	1	...	2	...	1	...	1	...	4	5
	Above 5 years ...	2	2	1	1	2	3	4	6	9	12	21
St. Paul's.....	Below 5 years ...	...	1	...	...	1	...	1	1	2	2	4
	Above 5 years ...	...	...	1	1	1	1	...	7	2	9	11
Exchange.....	Below 5 years ...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years ...	...	1	...	1	1	...	1	1	2	3	5
St. Anne's	Below 5 years ...	1	1	1	...	...	3	2	5	4	9	13
	Above 5 years ...	4	2	1	1	4	1	9	4	18	8	26
Lime Street.....	Below 5 years ...	...	2	...	...	...	...	...	1	...	3	3
	Above 5 years ...	2	...	...	...	3	3	...	...	5	3	8
Castle Street	Below 5 years ...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years ...	...	...	...	...	...	1	...	1	...	2	2
St. Peter's	Below 5 years ...	1	...	...	1	...	...	...	...	1	1	2
	Above 5 years ...	...	...	...	2	...	...	1	...	1	2	3
Pitt Street	Below 5 years ...	...	...	...	...	2	...	...	...	2	...	2
	Above 5 years ...	...	...	...	...	1	...	...	2	1	2	3
Great George	Below 5 years ...	...	...	...	...	...	...	1	...	1	...	1
	Above 5 years ...	...	...	...	...	...	1	5	1	5	2	7
Rodney Street.....	Below 5 years ...	...	1	...	...	...	...	...	...	...	1	1
	Above 5 years ...	...	...	1	2	...	...	1	1	2	3	5
Abercromby.....	Below 5 years ...	...	...	1	...	...	1	1	...	2	1	3
	Above 5 years ...	...	2	3	...	1	...	2	1	6	3	9
Parish Workhouses and Hospitals	Below 5 years ...	...	1	1	1	...	2	5	...	6	4	10
	Above 5 years ...	24	17	21	13	17	16	11	13	73	59	132
Out Township Work- houses and Hospitals	Below 5 years ...	...	...	...	...	...	...	...	2	...	2	2
	Above 5 years ...	...	...	...	1	1	...	6	8	7	9	16
Everton and Kirkdale	Below 5 years ...	6	5	2	1	7	6	3	5	18	17	35
	Above 5 years ...	8	4	5	8	11	5	6	10	30	27	57
West Derby.....	Below 5 years ...	4	...	1	2	2	...	1	1	8	3	11
	Above 5 years ...	...	...	1	1	4	4	3	3	8	8	16
North Toxteth	Below 5 years ...	1	1	1	...	1	4	3	4	6	6	12
	Above 5 years ...	1	2	1	1	1	3	12	11	15	17	32
South Toxteth.....	Below 5 years ...	...	...	...	1	...	...	...	3	...	4	4
	Above 5 years ...	1	...	3	1	6	2	1	4	11	7	18
Parish	Below 5 years ...	5	8	5	9	8	9	14	15	32	41	73
	Above 5 years ...	41	28	35	24	37	32	50	49	163	133	296
Out Townships	Below 5 years ...	11	6	4	4	10	7	7	15	32	32	64
	Above 5 years ...	10	6	10	12	23	14	28	36	71	68	139
Borough	Below 5 years ...	16	14	9	13	18	16	21	30	64	73	137
	Above 5 years ...	51	34	45	36	60	46	78	85	234	201	435

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 1870.

LIVERPOOL WORKHOUSE.

OCCUPATIONS.	WARDS.															TOTAL.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Line Street.	Castle Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Everton and Kirkdale.	West Derby.	Unknown.	
Labourers	17	4	5	8	8	4	1	1	3	3	2	2	3	2	10	73
Tradesmen	3	4	3	2	5	2	...	1	...	1	2	1	3	3	7	37
Servants	...	1	...	...	4	...	...	...	1	...	1	1	...	...	2	10
Seamen and Soldiers	2	2	...	2	1	...	...	...	2	...	1	...	1	...	3	14
Unknown	1	...	...	1	1	...	...	...	...	...	...	1	1	...	1	6
Males	12	4	6	6	7	3	1	1	4	4	2	2	5	4	17	78
Females	11	7	2	7	12	3	...	1	2	...	4	3	3	1	6	62
Total	23	11	8	13	19	6	1	2	6	4	6	5	8	5	23	140

ROYAL INFIRMARY,

One Female, unknown.

ASHFIELD HOSPITAL,

One Female, unknown.

EVERTON HOSPITAL.

OCCUPATIONS.	Unknown.	Total.
Tradesmen	1	1
Servants	1	1
Unknown	1	1
Males	1	1
Females	2	2
Total	3	3

KIRKDALE HOSPITAL.

OCCUPATIONS.	WARDS.					Total.
	Vauxhall	St. Paul's	St. Anne's	Gt. George	Everton and Kirkdale	
Labourers	2	1	1	3	...	7
Servants	...	1	1	1	1	4
Males	1	...	1	1	...	3
Females	1	2	1	3	1	8
Total	2	2	2	4	1	11

UNION WORKHOUSE.

OCCUPATIONS.	WARDS.			TOTAL.
	Everton and Kirkdale.	West Derby.	Unknown.	
Labourers	2	1	...	3
Servants	...	...	1	1
Males	2	1	...	3
Females	...	...	1	1
Total.....	2	1	1	4

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 1870. (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	55	12	7	3	17	3	...	2	1	4	2	4	24	9	22	8	173
Tradesmen	30	14	6	2	18	8	2	2	3	3	1	7	53	17	19	12	197
Servants	...	...	...	...	...	...	...	1	...	...	1	...	1	1	1	...	5
Seamen	7	...	2	...	3	...	...	...	1	1	...	...	9	...	1	1	25
Soldiers.....	1	...	...	...	1	...	...	...	...	...	...	...	2	...	...	1	5
Professions and Mercantile	...	...	...	...	...	...	...	...	...	...	2	1	1	...	1	...	5
Unknown	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2
Males	52	10	4	2	21	7	...	2	3	6	1	8	47	16	24	10	213
Females	41	16	11	3	18	4	2	3	2	2	5	4	45	11	20	12	199
Total.....	93	26	15	5	39	11	2	5	5	8	6	12	92	27	44	22	412

TOXTETH WORKHOUSE.

Not included in the Mortality of the Borough, being beyond the Municipal Boundaries.

OCCUPATIONS.	WARDS.			TOTAL.
	Everton and Kirkdale.	South Toxteth.	Unknown.	
Labourers	...	4	1	5
Tradesmen	...	1	1	2
Servants	...	1	...	1
Soldiers	1	...	...	1
Unknown	...	...	...	...
Males	1	1	1	3
Females	...	5	1	6
Total	1	6	2	9

RELAPSING FEVER.

Relapsing Fever occasioned 355 deaths, or 203 in the Parish, and 152 in the Out-Townships. The rate of its mortality was equal to 0.68 per 1000 of the estimated population of the Borough; its per-centage rate relatively to deaths from all causes was 2.2, and relatively to deaths from Zymotic diseases was 7.5.

The first of the following tables gives a statistical history of the mortality of Relapsing Fever; the second is a record of the streets of the Borough, wherein three or more deaths occurred; and the remaining tables show the condition of life of the sufferers from this disease:—

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	{ Below 5 years...	...	...	...	...	2	1	5	5	7	6	13
	{ Above 5 years...	...	...	...	...	1	2	11	11	12	13	25
Vauxhall	{ Below 5 years...	...	...	1	1	3	1	3	4	7	6	13
	{ Above 5 years...	...	1	...	...	2	5	12	6	14	12	26
St. Paul's	{ Below 5 years...	...	...	...	...	...	1	...	2	...	3	3
	{ Above 5 years...	...	...	...	...	1	...	...	5	1	5	6
Exchange	{ Below 5 years...	...	...	...	...	2	1	4	2	6	3	9
	{ Above 5 years...	...	1	...	...	...	3	7	6	7	10	17
St. Anne's	{ Below 5 years...	...	...	...	...	...	...	1	2	1	2	3
	{ Above 5 years...	...	...	...	...	1	...	2	2	3	2	5
Lime Street	{ Below 5 years...	...	...	...	...	...	1	...	...	...	1	1
	{ Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Castle Street	{ Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	{ Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years...	...	...	...	...	...	...	...	2	...	2	2
Pitt Street	{ Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years...	...	...	...	...	1	...	...	1	1	1	2
Great George	{ Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years...	...	...	...	...	...	...	1	2	1	2	3
Rodney Street	{ Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years...	...	...	...	...	...	...	...	1	...	1	1
Abercromby	{ Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years...	...	...	...	...	1	1	...	...	1	1	2
Parish Workhouses..... and Hospitals	{ Below 5 years...	...	...	...	...	1	1	...	1	1	2	3
	{ Above 5 years...	...	...	...	...	4	15	20	30	24	45	69
Out Townships, Work- houses and Hospitals.	{ Below 5 years...	...	...	...	...	1	2	5	...	6	2	8
	{ Above 5 years...	...	...	...	...	8	10	46	31	54	41	95
Everton and Kirkdale...	{ Below 5 years...	...	...	...	...	...	...	1	1	1	1	2
	{ Above 5 years...	...	...	1	...	...	2	4	3	5	5	10
West Derby	{ Below 5 years...	...	...	...	1	...	...	...	...	...	1	1
	{ Above 5 years...	...	...	...	...	...	2	...	...	...	2	2
North Toxteth.....	{ Below 5 years...	...	...	...	...	...	...	1	1	1	1	2
	{ Above 5 years...	...	...	...	...	...	3	6	5	6	8	14
South Toxteth	{ Below 5 years...	...	...	...	...	...	...	1	1	1	1	2
	{ Above 5 years...	...	...	...	...	...	...	7	9	7	9	16
Parish.....	{ Below 5 years...	...	...	1	1	8	6	13	16	22	23	45
	{ Above 5 years...	...	2	...	...	11	26	53	66	64	94	158
Out Townships	{ Below 5 years...	...	...	1	1	2	8	3	9	6	15	15
	{ Above 5 years...	...	...	1	...	8	17	63	48	72	65	137
Borough.....	{ Below 5 years...	...	...	1	2	9	8	21	19	31	29	60
	{ Above 5 years...	...	2	1	...	19	43	116	114	136	159	295

List of Streets in the Borough wherein Three or more Deaths from
Relapsing Fever occurred during 1870.

STREETS IN THE PARISH.	HOUSES.		Total.	STREETS IN THE PARISH.	HOUSES.		Total.
	Front.	Court.			Front.	Court.	
Addison	6	2	8	Leeds	2	1	3
Back Portland	4	...	4	Limekiln Lane	4	...	4
Banastre	2	2	4	Midghall	2	2	4
Brick	...	3	3	Milton	1	7	8
Burnet	...	3	3	Naylor	1	5	6
Cavendish	4	2	6	Newsham	...	3	3
Charter	...	3	3	Oriel	1	4	5
Circus	2	1	3	Pall Mall	1	2	3
Dryden	2	2	4	Paul	1	2	3
Edgar	2	1	3	Penrhyn	...	3	3
Epsom	3	...	3	Portland	3	...	3
Fontenoy	4	2	6	Sawney Pope	5	4	9
Ford	3	3	6	St. Andrew	1	3	4
Gascoyne	3	4	7	Stockdale	...	4	4
Gildart's Gardens	1	2	3	Westmoreland ..	2	1	3
Hare Place	...	3	3	STREETS IN THE OUT			
Hodson	3	1	4	TOWNSHIPS.			
Hornby	2	1	3	Henderson	5	...	5
Johnson	2	1	3	Mann	2	2	4
Kew	1	3	4	Prince William	2	4	6
Lace	3	7	10	Sussex	3	...	3

Occupations of persons who (either themselves or members of their family) have died from Relapsing Fever in the different Workhouses or Hospitals of the Borough, tabulated into Wards from whence they came, during the year 1870.

LIVERPOOL WORKHOUSE.

OCCUPATIONS.	WARDS.													Total.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	Pitt Street.	Gt. George.	Abercromby.	Everton and Kirkdale.	West Derby.	North Toxteth.	Unknown.	
Labourers	7	6	...	2	...	1	1	3	1	...	...	...	4	25
Tradesmen	2	3	...	...	6	2	1	1	2	...	...	...	4	21
Servants	1	1	...	...	1	...	...	...	1	...	...	1	1	6
Seamen	...	2	1	...	...	...	1	2	...	...	...	...	...	6
Soldiers	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Unknown	...	...	1	...	...	...	...	...	...	...	...	...	1	2
Males	4	2	2	...	4	1	2	2	2	...	...	...	4	23
Females	6	10	1	2	3	2	1	4	2	...	...	1	6	38
Total	10	12	3	2	7	3	3	6	4	...	...	1	10	61

ASHFIELD HOSPITAL.

OCCUPATIONS.	WARDS.	Total.
	Unknown.	
Labourers.....	4	4
Tradesmen.....	1	1
Unknown	6	6
Males	...	...
Females.....	11	11
Total.....	11	11

EVERTON HOSPITAL.

OCCUPATIONS.	WARDS		Total.
	Vauxhall	Everton and Kirkdale.	
Tradesmen	1	...	1
Unknown.....	...	1	1
Males	1	...	1
Females	...	1	1
Total.....	1	1	2

KIRKDALE HOSPITAL.

OCCUPATIONS.	WARDS.									Total.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Line Street.	Pitt Street.	Gt. George.	Unknown.	
Labourers	20	22	4	3	5	1	1	1	4	61
Tradesmen.....	5	5	...	3	5	...	1	...	1	20
Servants.....	1	1	...	...	...	...	...	...	...	2
Seamen	2	1	...	...	...	...	2	...	...	5
Unknown.....	1	6	...	...	...	...	...	1	3	11
Males	21	19	4	3	5	1	3	...	3	59
Females	8	16	...	3	5	...	1	2	5	40
Total	29	35	4	6	10	1	4	2	8	99

UNION WORKHOUSE.

OCCUPATIONS.	WARDS.		Total.
	Everton and Kirkdale.	West Derby.	
Tradesmen	1	1	2
Males	...	...	...
Females	1	1	2
Total	1	1	2

Occupations of Persons who (either themselves or members of their family) have died from Relapsing Fever in the different Wards of the Borough during the Year 1870. (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.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Everton and Kirkdale.	West Derby.	North Toxteth.		South Toxteth.
Labourers	20	31	6	19	4	...	...	1	3	...	1	4	1	3	7	100
Tradesmen	12	8	2	6	2	1	2	...	...	...	1	6	2	9	9	60
Servants	2	...	...	1	1	...	...	...	...	1	...	...	...	...	...	5
Seamen	4	...	1	...	1	...	...	1	...	...	...	1	...	3	...	11
Soldiers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Professions and Mercantile	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2
Unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Males	19	21	1	13	5	...	...	1	1	...	1	6	...	7	9	84
Females	19	18	8	13	3	1	2	1	2	1	1	6	3	9	9	96
Total.....	38	39	9	26	8	1	2	2	3	1	2	12	3	16	18	180

TOXTETH WORKHOUSE.

Not included in the Mortality of the Borough, being beyond the Municipal Boundaries.

OCCUPATIONS.	WARDS.		TOTAL.
	North Toxteth.	South Toxteth.	
Labourers	...	5	5
Tradesmen	1	3	4
Seamen	...	1	1
Males	...	5	5
Females	1	4	5
Total	1	9	10

SCARLATINA.

Scarlatina accounted during the year for 1,278 deaths, or for 542 in the Parish, and 736 in the Out-townships. The rate of its mortality was equal to 2 per 1,000 per annum of the estimated population. Its rate relatively to deaths from all causes was 6.6 per cent. in the first quarter, 5.9 in the second, 6.9 in the third, and 11.0 in the fourth quarter of the year; its annual rate relatively to all deaths was 7.9 per cent.

The first of the following tables gives a statistical history of the mortality of Scarlatina during the year 1870; the second is a record of the streets of the Borough wherein 3 or more deaths occurred from Scarlatina; and I have added a third table showing the position of Scarlatina within the Borough of Liverpool during the previous twenty-two years.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years...	17	23	12	14	24	22	37	39	90	98	188
	Above 5 years...	4	3	2	5	3	2	12	13	21	23	44
Vauxhall	Below 5 years...	2	3	...	2	2	1	3	4	7	10	17
	Above 5 years...	1	...	...	1	...	...	1	...	2	1	3
St. Paul's	Below 5 years...	2	2	...	1	1	1	2	2	5	6	11
	Above 5 years...	...	1	...	...	1	...	1	...	2	1	3
Exchange	Below 5 years...	...	1	2	2	...	1	1	3	3	7	10
	Above 5 years...	...	1	...	...	...	1	...	2	...	4	4
St. Anne's	Below 5 years...	2	4	4	3	4	3	11	7	21	17	38
	Above 5 years...	...	3	...	...	...	2	4	1	4	6	10
Lime Street	Below 5 years...	1	1	4	...	7	1	7	6	19	8	27
	Above 5 years...	...	...	...	1	...	...	...	5	...	6	6
Castle Street	Below 5 years...	1	...	...	...	...	...	...	1	1	1	2
	Above 5 years...	1	...	...	...	...	...	...	...	1	...	1
St. Peter's	Below 5 years...	1	2	1	1	...	1	1	4	3	8	11
	Above 5 years...	...	...	...	...	...	...	1	1	1	1	2
Pitt Street	Below 5 years...	1	...	4	3	5	5	5	6	15	14	29
	Above 5 years...	...	...	...	...	3	...	1	1	4	1	5
Great George	Below 5 years...	4	1	...	2	13	9	12	13	29	25	54
	Above 5 years...	...	...	1	1	1	3	5	6	7	10	17
Rodney Street	Below 5 years...	...	2	4	1	2	1	...	1	6	5	11
	Above 5 years...	1	1	...	...	1	...	2	3	4	4	8
Abercromby	Below 5 years...	1	2	3	2	5	4	5	4	14	12	26
	Above 5 years...	1	1	1	...	...	...	3	2	5	3	8
Parish Workhouses and Hospitals	Below 5 years...	1	...	1	...	...	...	1	1	3	1	4
	Above 5 years...	1	2	...	...	...	...	...	...	1	2	3
Out Townships Work- houses and Hospitals.	Below 5 years...	...	...	...	...	...	1	...	...	...	1	1
	Above 5 years...	1	...	...	...	...	1	1	...	2	1	3
Everton and Kirkdale...	Below 5 years...	28	29	16	19	26	17	36	38	106	103	209
	Above 5 years...	6	11	3	4	5	5	12	9	26	29	55
West Derby	Below 5 years...	9	9	6	6	8	7	21	22	44	44	88
	Above 5 years...	1	2	2	2	1	5	7	4	11	13	24
North Toxteth	Below 5 years...	15	10	8	8	10	16	26	25	59	59	118
	Above 5 years...	3	3	2	1	10	7	12	3	27	14	41
South Toxteth	Below 5 years...	10	5	16	12	19	22	34	34	79	73	152
	Above 5 years...	3	3	...	1	5	10	11	12	19	26	45
Parish	Below 5 years...	33	41	35	31	63	49	85	91	216	212	428
	Above 5 years...	9	12	4	8	9	8	30	34	52	62	114
Out Townships	Below 5 years...	62	53	46	45	63	63	117	119	288	280	568
	Above 5 years...	14	19	7	8	21	28	43	28	85	83	168
Borough	Below 5 years...	95	94	81	76	126	112	202	210	504	492	996
	Above 5 years...	23	31	11	16	30	36	73	62	137	145	282

List of Streets in the Borough wherein Three or more Deaths from
Scarlatina occurred in 1870.

STREETS IN THE PARISH.	HOUSES.		Total.	STREETS IN THE PARISH.	HOUSES.		Total.
	Front.	Court.			Front.	Court.	
Ascot	5	...	5	Upper Frederick	8	2	10
Athol	6	...	6	Vauxhall Road	3	...	3
Back Seel	3	...	3	Villars	3	...	3
Barmouth	4	...	4	Virgil	...	3	3
Bevington Hill	2	1	3	Walter	1	2	3
Birkett	...	4	4	Westmorland Place	3	...	3
Blandford	3	1	4	Wilbraham	3	...	3
Blenheim	1	6	7	Wright	1	6	7
Blundell	1	2	3	STREETS IN THE OUT TOWNSHIPS.			
Bolton	2	1	3				
Bostock	4	1	5	Adelaide	3	...	3
Brick	3	2	5	Arkwright	3	1	4
Bridgewater	6	...	6	Bamber	4	...	4
Burlington	2	7	9	Beacon Lane	3	...	3
Canterbury	3	1	4	Beaufort	9	...	9
Caradoc	3	...	3	Beresford Road	3	...	3
Chaucer	1	3	4	Bevin Lane	2	1	3
Clare	1	3	4	Blair	...	3	3
Denbigh	3	...	3	Brassey	...	5	5
Dryden	1	2	3	Breck Road	5	...	5
Duckinfield	1	2	3	Britton	...	3	3
Eldon	1	2	3	Byles	3	...	3
Epsom	3	...	3	Cardwell	3	...	3
Gascoyne	3	...	3	Caryl	3	...	3
Gill	3	...	3	Clive	2	1	3
Great Howard	3	2	5	Combermere	...	4	4
Greenland	5	...	5	Conway	8	...	8
Henry	4	...	4	Cooper	2	1	3
Hilbre	4	...	4	Cornwall	3	...	3
Hopwood	2	2	4	Darnley	6	7	13
Hornby	5	10	15	Derby Road	3	...	3
Jordan	6	...	6	Dodge	3	...	3
Kent	1	3	4	Eden	3	...	3
Kitchen	8	2	10	Edinburgh	3	...	3
Latimer	3	4	7	Elias	6	...	6
Lawrence	3	...	3	Ellison	3	...	3
Limekiln Lane	5	...	5	Essex	3	...	3
Louis	3	...	3	Ethiopia	4	...	4
Marlborough	2	1	3	Field	4	...	4
New Hall	3	...	3	Fisher	...	3	3
Nicholas	2	1	3	Fletcher	6	...	6
Norfolk	2	1	3	Garibaldi	3	...	3
Nursery	3	...	3	Gaskell	3	...	3
Penrhyn	2	1	3	Godwin	3	...	3
Rachel	4	3	7	Gordon	4	...	4
Raffles	2	1	3	Gore	3	5	8
Rathbone	2	2	4	Goring	3	...	3
Raymond	3	1	4	Grafton	6	1	7
Richmond Row	2	3	5	Grey	3	...	3
Rose Place	3	1	4	Guest	6	...	6
St. Andrew	4	5	9	Haddock	4	...	4
St. James	2	1	3	Harding	3	2	5
Saltney	3	2	5	Henderson	1	2	3
Shaw's Alley	3	...	3	High	6	...	6
Sherwood	4	...	4	Hill	4	2	6
Skelhorne	1	3	4	Hughson	3	1	4
Sumner	3	3	6	Hyslop	2	4	6
Tenterden	3	...	3				

List of Streets in the Borough wherein Three or more Deaths from
Scarlatina occurred in 1870.—*Continued.*

STREETS IN THE OUT TOWNSHIPS.	HOUSES.		Total.	STREETS IN THE OUT TOWNSHIPS.	HOUSES.		Total.
	Front.	Court.			Front.	Court.	
Jenner.....	4	...	4	Prince William	...	5	5
Kensington.....	3	1	4	Prophet	2	3	5
Lamport	3	...	3	Robsart.....	4	1	5
Lancaster	3	...	3	Rutter	2	1	3
Lansdowne	4	...	4	Salisbury.....	1	3	4
Lissant	4	...	4	Shaftesbury	1	3	4
Llanrwst	...	4	4	Smithdown Lane	4	...	4
Low Wood	1	3	4	South.....	3	...	3
Major	3	...	3	Spencer.....	3	...	3
Mann	5	7	12	Stanhope.....	5	4	9
Mason	2	1	3	Tamworth	3	...	3
Miles.....	3	1	4	Threlfall.....	2	1	3
Mill.....	9	2	11	Towson.....	3	...	3
Netherfield Road North...	3	...	3	Upper Beau.....	4	...	4
Northumberland	3	4	7	Upper Essex	3	...	3
Opie.....	4	...	4	Upper Harrington.....	3	2	5
Park Place	3	1	4	Victoria.....	4	...	4
Park Road	5	...	5	Warwick.....	4	1	5
Park	6	...	6				

SCARLATINA FROM 1848 TO 1870 INCLUSIVE.

YEARS.	DEATHS FROM SCARLATINA.				TOTAL.	Per cent. per annum of Scarlatina deaths to total deaths	Per cent. per annum of Scarlatina deaths to Zymotics.	Scarlatina deaths per 10,000 of the population
	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.				
1848	151	215	521	628	1515	12.9	35.1	43.7
1849	174	56	38	49	317	1.9	12.1	8.8
1850	21	21	46	152	240	2.5	9.2	6.5
1851	102	122	271	462	957	8.6	27.4	25.4
1852	233	181	132	147	693	6.2	20.0	18.1
1853	51	49	47	86	233	2.2	9.2	6.0
1854	42	32	79	162	315	2.2	6.5	7.8
1855	79	68	211	447	805	6.3	24.8	20.0
1856	200	90	124	228	642	5.5	20.9	15.6
1857	119	94	179	369	761	5.9	21.8	18.3
1858	255	169	281	482	1187	8.5	27.8	28.1
1859	187	63	82	68	400	3.4	14.5	9.3
1860	27	17	32	88	164	1.4	8.4	3.7
1861	44	32	34	106	216	1.7	7.4	4.8
1862	84	93	278	579	1034	7.5	27.4	22.9
1863	213	151	200	176	740	4.8	16.5	16.1
1864	90	50	85	124	349	2.1	7.2	7.4
1865	72	32	121	281	506	2.9	9.1	10.6
1866	198	205	242	341	986	4.3	12.7	20.4
1867	182	145	148	221	696	4.8	19.3	14.1
1868	109	98	98	151	456	3.1	11.5	9.1
1869	98	161	302	481	1042	7.0	24.6	20.5
1870	243	184	304	547	1278	7.9	27.0	24.6

MEASLES

Occasioned 226 deaths, of which 148 occurred in the Parish, and 78 in the Out-townships. Its per-centage death-rate relatively to deaths from all causes was 0·7 in the first quarter of the year, 1·1 in the second, 1·0 in the third, and 2·3 in the fourth ; its annual per-centage rate relatively to deaths from all causes was 1·4, and relatively to deaths from Zymotic causes 4·7.

WARDS.		QUARTERS.								YEAR.		
		March		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	Below 5 years ...	1	3	1	2	4	5	27	21	33	31	64
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Vauxhall.....	Below 5 years ...	2	2	4	3	6	2	4	3	16	10	26
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
St. Paul's.....	Below 5 years ...	...	...	...	1	...	1	1	1	1	3	4
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Exchange	Below 5 years ...	...	1	2	2	...	1	...	...	2	4	6
	Above 5 years ...	...	...	1	...	...	...	...	...	1	...	1
St. Anne's	Below 5 years ...	1	2	3	1	1	5	4	4	9	12	21
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Lime Street	Below 5 years ...	...	1	...	...	...	...	...	1	...	2	2
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Castle Street	Below 5 years ...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	Below 5 years ...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Pitt Street	Below 5 years ...	...	...	...	...	...	...	1	1	1	1	2
	Above 5 years ...	...	...	...	...	...	...	1	...	1	...	1
Great George.....	Below 5 years ...	...	...	...	1	...	...	...	...	1	...	1
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Rodney Street	Below 5 years ...	...	...	...	2	...	...	...	...	2	...	2
	Above 5 years ...	1	...	...	...	...	...	...	...	1	...	1
Abercromby	Below 5 years ...	...	...	1	3	1	...	...	1	2	4	6
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Parish Workhouses and Hospitals	Below 5 years ...	...	3	2	2	1	...	2	1	5	6	11
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Out Township Workhouses and Hospitals	Below 5 years ...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale	Below 5 years ...	4	6	3	4	4	6	6	7	17	23	40
	Above 5 years ...	...	...	...	...	...	...	2	...	2	...	2
West Derby.....	Below 5 years ...	1	1	...	...	1	2	6	8	8	11	19
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
North Toxteth	Below 5 years ...	...	...	...	1	...	...	3	2	4	2	6
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
South Toxteth.....	Below 5 years ...	...	...	...	...	...	...	8	3	8	3	11
	Above 5 years ...	...	...	...	...	...	...	...	...	...	...	...
Parish	Below 5 years ...	4	12	13	14	16	14	39	33	72	73	145
	Above 5 years ...	1	...	1	...	...	...	1	...	3	...	3
Out Townships.....	Below 5 years ...	5	7	3	4	6	8	23	20	37	39	76
	Above 5 years ...	...	...	...	...	...	...	2	...	2	...	2
Borough	Below 5 years ...	9	19	16	18	22	22	62	53	109	112	221
	Above 5 years ...	1	...	1	...	...	...	3	...	5	...	5

DIARRHCEA

Accounted for 1151 deaths, or for 628 in the Parish, and 523 in the Out-townships. Its per-centage death-rate relatively to deaths from all causes was 1.5 in the first quarter of the year, 3.3 in the second, 20.6 in the third, and 1.6 in the fourth quarter of the year. Its annual per-centage death-rate relatively to deaths from all causes was 7.2 and relatively to deaths from Zymotic causes 24.3

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	Below 5 years...	5	1	13	6	91	91	8	6	117	104	221
	Above 5 years...	1	...	1	...	2	4	1	...	5	4	9
Vauxhall	Below 5 years...	...	...	2	...	32	24	2	1	36	25	61
	Above 5 years...	...	...	...	...	2	3	...	...	2	3	5
St. Paul's	Below 5 years...	3	...	2	2	14	6	1	1	20	9	29
	Above 5 years...	...	...	...	...	2	...	1	...	3	...	3
Exchange	Below 5 years...	2	...	1	...	7	4	...	1	10	4	14
	Above 5 years...	1	...	...	...	...	...	...	...	1	...	1
St. Anne's	Below 5 years...	1	2	5	1	22	22	4	1	32	26	58
	Above 5 years...	...	...	...	1	2	1	...	...	2	2	4
Lime Street	Below 5 years...	...	...	3	1	12	10	...	1	15	12	27
	Above 5 years...	...	...	...	1	...	3	1	...	1	4	5
Castle Street	Below 5 years...	...	...	...	...	2	1	...	...	2	1	3
	Above 5 years...	1	...	...	...	...	...	...	...	1	...	1
St. Peter's	Below 5 years...	...	...	...	...	...	3	...	...	...	3	3
	Above 5 years...	...	...	...	...	3	...	1	...	4	...	4
Pitt Street	Below 5 years...	...	...	2	...	4	12	...	1	6	13	19
	Above 5 years...	1	...	...	...	1	...	...	...	2	...	2
Gt. George	Below 5 years...	1	...	3	1	12	14	2	2	18	17	35
	Above 5 years...	...	...	...	...	1	...	...	...	1	...	1
Rodney Street	Below 5 years...	...	...	1	1	5	17	1	2	7	20	27
	Above 5 years...	...	1	...	2	1	2	1	...	2	5	7
Abereromby	Below 5 years...	2	...	2	3	13	17	1	...	18	20	38
	Above 5 years...	...	2	...	...	1	...	...	...	1	2	3
Parish Workhouse and Hospitals	Below 5 years...	2	1	2	2	6	1	1	1	11	5	16
	Above 5 years...	10	2	2	1	5	6	2	4	19	13	32
Out Townships Workhouse and Hospitals..	Below 5 years...	...	...	...	...	2	...	...	1	2	1	3
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale...	Below 5 years...	4	2	14	5	84	83	6	3	108	93	201
	Above 5 years...	...	2	...	1	3	4	...	1	3	8	11
West Derby	Below 5 years...	...	1	3	3	44	41	3	2	50	47	97
	Above 5 years...	...	1	1	...	1	1	...	...	2	2	4
North Toxteth	Below 5 years...	1	1	1	5	28	33	5	5	35	44	79
	Above 5 years...	...	1	2	...	1	3	2	...	5	4	9
South Toxteth	Below 5 years...	2	1	3	4	49	44	...	7	54	56	110
	Above 5 years...	2	1	...	...	4	1	...	1	6	3	9
Parish	Below 5 years...	16	4	36	17	220	222	20	16	292	259	551
	Above 5 years...	14	5	3	5	20	19	7	4	44	33	77
Out Townships	Below 5 years...	7	5	21	17	207	201	14	18	249	241	490
	Above 5 years...	2	5	3	1	9	9	2	2	16	17	33
Borough	Below 5 years...	23	9	57	34	427	423	34	34	541	500	1041
	Above 5 years...	16	10	6	6	29	28	9	6	60	50	110

List of Streets in the Borough of Liverpool wherein Three or more Deaths from Diarrhoea occurred during the Year 1870.

STREETS IN THE PARISH.	HOUSES.		Total.	STREETS IN THE PARISH.	HOUSES.		Total.
	Front.	Court.			Front.	Court.	
Athol.....	3	...	3	Scotland Road.....	4	1	5
Atkinson.....	2	1	3	Tatlock.....	3	3	6
Back Portland.....	5	...	5	Upper Frederick.....	4	1	5
Bispham.....	2	1	3	Vauxhall Road.....	4	4	8
Blandford.....	3	2	5	Westmoreland.....	3	...	3
Blenheim.....	3	1	4	Wright.....	1	3	4
Blundell.....	2	2	4				
Bostock.....	4	1	5	STREETS IN THE OUT			
Burlington.....	11	2	13	TOWNSHIPS.			
Cavendish.....	2	1	3	Anthony.....	3	...	3
Charter.....	3	1	4	Arkwright.....	4	1	5
Chisenhale.....	1	4	5	Bamber.....	3	...	3
Christian.....	1	2	3	Beaufort.....	6	...	6
Circus.....	4	...	4	Brindley.....	2	3	5
Cranmer.....	3	...	3	Buckingham.....	3	...	3
Crown.....	4	...	4	Byles.....	3	...	3
Dryden.....	2	1	3	Cardwell.....	3	...	3
Duckinfield.....	3	2	5	China.....	3	...	3
Eldon.....	5	3	8	Clive.....	4	1	5
Epsom.....	3	...	3	Cottenham.....	4	...	4
Ford.....	3	1	4	Elias.....	4	...	4
Gerard.....	3	...	3	Fletcher.....	3	...	3
Gildart's Gardens.....	2	3	5	Gordon.....	3	...	3
Great Homer.....	3	...	3	Gore.....	2	1	3
Great Howard.....	3	1	4	Grafton.....	1	3	4
Hankin.....	3	...	3	Henderson.....	...	4	4
Hook.....	1	2	3	Hill.....	2	2	4
Hornby.....	4	2	6	Howe.....	3	...	3
Islington.....	3	...	3	Jenkinson.....	1	3	4
Kitchen.....	2	1	3	Lissant.....	3	...	3
Lawrence.....	4	...	4	Mann.....	2	6	8
Limekiln Lane.....	2	2	4	Mill.....	4	1	5
Louis.....	3	...	3	Minto.....	3	...	3
Magnire.....	4	1	5	Mount Vernon Road.....	2	1	3
Naylor.....	2	2	4	Netherfield Road North...	3	...	3
North.....	3	1	4	Park Road.....	3	2	5
Oriel.....	2	1	3	Prince Edwin.....	2	2	4
Paul.....	...	3	3	Prince William.....	4	1	5
Plumbe.....	2	1	3	Rockingham.....	3	...	3
Portland.....	8	...	8	Rose Vale.....	2	2	4
Rathbone.....	1	3	4	Saint Arnaud.....	3	...	3
Raymond.....	2	2	4	Shelley.....	2	1	3
Saint Martin.....	1	3	4	Stonewall.....	3	...	3
Sawney Pope.....	1	3	4	Victoria.....	6	...	6
Silvester.....	1	2	3	Warwick.....	2	1	3
Skirving.....	3	...	3				

DIARRHŒA IN DATES OF DEATH, 1870.

DATE. June.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.			WIND.	
				Amount in inches.	Hours.	Days.	Mean Daily Velocity in Miles.	DIRECTION.
1	...	29.793	56.0	...	...	...	600	W
2	...	30.006	58.6	0.01	0.5	1	168	WNW
3	...	30.130	61.5	...	...	...	173	SE & Var
4	2	30.355	60.2	...	...	...	185	Var & NW
5	...	30.522	61.0	...	...	...	187	WNW
6	...	30.532	62.0	...	...	...	192	ESE & NW
7	2	30.473	61.9	...	...	...	228	E & NNW
8	2	30.219	59.9	...	...	...	322	W
9	3	29.900	54.6	...	...	...	622	WNW & W
10	...	29.713	57.1	...	...	...	643	W
11	2	29.774	54.6	0.21	6.1	1	744	WSW & WNW
12	...	30.055	56.6	0.08	4.4	1	415	Var & SW
13	1	30.125	60.2	...	...	...	418	WSW & SW
14	2	30.114	62.4	...	...	...	242	Var & SW
15	...	30.117	64.3	...	...	...	158	Var & NW
16	2	29.985	58.4	0.43	7.8	1	202	Var & N
17	3	29.909	57.0	...	...	...	432	WNW & W
18	2	30.000	61.7	0.09	1.8	1	360	SE & W
19	3	30.143	65.5	...	...	...	334	SSW & SW
20	1	30.228	65.1	...	...	...	444	W
21	3	30.306	68.1	...	...	...	146	Var & NW
22	4	30.297	59.9	...	...	...	295	WNW & NW
23	4	30.275	55.6	0.24	5.6	1	410	NW & WNW
24	1	30.015	56.4	0.03	0.3	1	778	W & WNW
25	1	30.116	57.8	...	...	...	672	WNW & W
26	...	30.010	54.5	0.08	3.5	1	842	W
27	7	30.018	57.2	...	...	...	600	WNW
28	3	30.148	57.3	...	...	...	497	WNW
29	2	30.130	56.0	...	...	...	566	WNW & W
30	5	30.092	55.2	0.05	0.9	1	641	WNW & W

DIARRHŒA IN DATES OF DEATH, 1870.

DATE. July.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.			WIND.	
				Amount in inches.	Hours.	Days.	Mean Daily Velocity in Miles.	DIRECTION.
1	5	30·043	55·2	...	...	...	706	WNW & W
2	4	30·023	56·4	0·01	0·5	1	600	WNW & W
3	...	29·923	58·9	0·25	9·5	1	238	WNW & Var
4	2	29·767	65·3	...	...	...	437	WSW & SW
5	1	29·857	60·3	0·01	1·2	1	511	WSW & SW
6	3	29·948	60·2	...	...	...	554	W
7	1	30·086	62·6	...	...	...	206	WSW & NW
8	2	30·001	66·8	...	...	...	230	Var
9	2	29·885	66·9	...	...	...	175	Var & NW
10	7	29·853	61·5	...	...	...	252	W & WNW
11	3	29·773	62·3	...	...	...	257	WNW
12	3	29·765	56·9	...	...	...	307	W & WNW
13	7	29·839	59·9	0·02	1·2	1	305	Var & W
14	2	30·013	63·1	...	...	...	295	Var
15	3	29·922	64·2	0·03	1·0	1	238	SSE & Var
16	5	29·864	61·6	0·07	1·4	1	425	Var & W
17	6	30·032	60·0	0·01	0·6	1	329	W & S
18	5	30·059	65·5	...	...	...	175	SSE & WNW
19	6	30·198	63·5	...	...	...	286	WSW & WNW
20	7	30·245	69·1	...	...	...	266	SSE & Var
21	10	30·151	65·1	...	...	...	482	SW & W
22	9	30·178	70·1	...	...	...	118	WSW & Var
23	7	30·066	72·4	...	...	...	427	SE & ESE
24	11	29·998	70·5	...	...	...	454	ESE & E
25	13	29·901	69·3	...	...	...	264	E & Var
26	12	30·030	62·5	...	...	...	607	WNW
27	13	30·146	64·5	...	...	...	276	Var
28	10	30·232	60·2	...	...	...	336	E & Var
29	10	30·201	61·4	...	...	...	298	ENE
30	24	30·055	64·3	0·01	0·4	1	254	ENE
31	18	29·878	70·6	...	...	...	326	ENE

DIARRHOEA IN DATES OF DEATH, 1870.

DATE. August.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.			WIND.	
				Amount in inches.	Hours.	Days.	Mean Daily Velocity in Miles.	DIRECTION.
1	25	29.872	67.7	...	...	...	204	ENE & Var
2	24	29.915	69.9	...	...	...	206	E & NNE
3	11	29.845	70.9	...	...	...	216	SSE & WSW
4	12	29.715	67.6	0.13	1.3	1	192	ESE & Var
5	12	29.699	63.9	0.54	1.2	1	204	SSW & Var
6	18	29.873	65.5	0.01	0.6	1	218	SSE
7	22	29.791	63.3	...	...	...	523	ESE & E
8	17	29.962	67.1	...	...	...	324	E & ENE
9	21	30.158	64.2	...	...	...	240	NE & NW
10	19	30.198	65.2	...	...	...	218	ENE & WNW
11	14	30.237	68.1	...	...	...	295	WNW
12	25	30.246	65.5	...	...	...	197	W & Var
13	17	30.309	61.7	...	...	...	290	ESE & Var
14	21	30.295	60.7	...	...	...	348	ENE & N
15	16	30.188	59.9	...	...	...	367	NE & ENE
16	23	30.150	61.4	...	...	...	211	NE & NNW
17	18	30.090	64.0	...	...	...	185	Var
18	18	29.950	57.8	0.03	0.3	1	502	WNW
19	18	29.965	56.8	0.12	1.0	1	410	Var & NW
20	17	30.100	57.1	...	...	...	264	Var & NW
21	14	30.193	58.1	...	...	...	259	Var & WNW
22	19	29.954	57.5	0.18	4.4	1	374	SW & WNW
23	19	29.853	59.4	0.03	0.5	1	492	WNW & W
24	13	29.898	60.4	...	...	...	682	WNW & W
25	17	29.960	58.0	0.05	0.7	1	708	WNW & W
26	11	29.934	56.0	0.18	0.9	1	463	Var & NW
27	10	29.888	56.7	0.79	11.8	1	290	WSW & Var
28	17	29.508	55.9	0.08	0.4	1	682	WSW & NW
29	10	29.888	55.1	0.07	0.3	1	470	NNW & WNW
30	12	30.193	56.0	...	...	...	266	Var & WNW
31	17	30.208	58.5	...	...	...	410	W

DIARRHŒA IN DATES OF DEATH, 1870.

DATE. Sept.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.			WIND.	
				Amount in inches.	Hours.	Days.	Mean Daily Velocity in Miles.	DIRECTION.
1	10	29.803	57.4	0.42	3.9	1	362	Var
2	13	29.391	61.0	...	...	...	511	W & SW
3	7	29.661	55.1	...	...	...	646	WNW & W
4	13	29.853	61.8	0.25	2.9	1	468	SW & SSW
5	9	29.543	56.5	0.19	1.4	1	434	S & SW
6	11	29.433	56.1	0.13	2.3	1	312	SSE & SSW
7	9	29.338	56.2	0.04	1.3	1	410	S & WNW
8	7	29.618	56.1	0.06	0.4	1	696	W
9	7	29.282	57.6	0.06	0.5	1	780	WSW
10	3	29.558	53.9	0.25	1.2	1	1150	W & WNW
11	7	30.112	53.7	...	...	...	276	WNW & NW
12	9	30.036	57.3	0.43	4.7	1	533	SSW & W
13	2	29.900	55.9	0.43	4.5	1	727	WSW & W
14	3	29.954	50.4	...	...	...	499	WNW & NW
15	1	30.270	56.0	0.03	1.2	1	271	Var & SE
16	8	30.427	57.1	0.04	1.6	1	214	SSE & Var
17	6	30.399	59.4	0.24	3.1	1	372	W
18	4	30.324	56.7	0.05	1.8	1	120	W & Var
19	7	30.295	58.8	...	...	...	338	SE
20	5	30.296	57.8	...	...	...	146	SE & WNW
21	6	30.308	60.8	...	...	...	168	Var
22	6	30.297	58.0	...	...	...	353	ESE
23	4	30.315	55.1	...	...	...	446	ESE
24	1	30.300	61.5	...	...	...	298	ESE & SE
25	3	30.321	56.8	...	...	...	295	SE & ESE
26	8	30.227	60.5	...	...	...	226	SE & Var
27	1	30.283	60.3	...	...	...	182	NNW & ESE
28	4	30.351	57.0	...	...	...	271	ESE & SSE
29	3	30.403	57.2	...	...	...	254	SE & ESE
30	3	30.475	52.3	...	..	...	331	SE

DIARRHŒA IN DATES OF DEATH, 1870.

DATE. October.	No. of Deaths.	Mean Reading of Barometer.	Mean Tempe- rature.	RAIN.			WIND.	
				Amount in inches.	Hours.	Days.	Mean Daily Velocity in Miles.	DIRECTION.
1	3	30.551	55.9	...	...	...	372	SE & ESE
2	...	30.509	55.4	...	...	...	300	E & ESE
3	3	30.498	54.6	...	...	...	300	ESE & Var
4	1	30.504	50.2	...	...	...	204	ESE & SE
5	1	30.339	48.0	...	...	...	317	SE & ESE
6	2	30.098	51.9	...	...	...	199	SE & ESE
7	1	29.716	52.4	0.55	12.2	1	413	ESE & E
8	...	29.124	50.1	0.07	2.9	1	298	ENE & Var
9	1	29.105	45.0	0.06	3.7	1	451	NNE & N
10	3	29.535	47.8	0.04	0.6	1	350	NNW & NW
11	1	29.840	48.7	0.15	2.3	1	288	W & WNW
12	1	29.254	52.7	0.58	9.3	1	893	ESE & SW
13	2	29.371	48.7	0.24	5.3	1	670	WNW & NNE
14	2	29.994	46.5	0.05	0.7	1	211	Var & WSW
15	...	29.893	51.4	0.42	5.3	1	276	Var & SSE
16	3	29.155	52.4	0.35	7.7	1	653	SSE & SW
17	1	29.413	46.6	0.05	1.1	1	1044	W
18	1	29.690	50.3	0.19	5.2	1	506	Var & SE
19	2	29.210	48.9	0.30	6.9	1	706	Var
20	2	29.335	50.3	0.27	3.0	1	1108	WSW & WNW
21	1	29.889	53.1	0.14	1.8	1	317	NW & Var
22	1	29.664	51.4	0.33	5.6	1	319	S & Var
23	2	28.835	50.9	0.32	6.3	1	422	Var & WSW
24	3	28.895	48.5	0.02	0.3	1	1135	W
25	...	29.408	48.5	0.03	0.4	1	706	WSW
26	...	29.463	48.1	0.09	2.1	1	511	SW & WSW
27	...	29.515	48.3	0.41	6.4	1	811	WSW & W
28	1	29.805	51.0	0.06	0.5	1	787	WNW & W
29	...	22.814	50.3	0.40	7.0	1	586	W & WNW
30	...	29.816	49.2	0.32	7.7	1	754	W & WSW
31	...	29.773	48.2	0.02	1.8	1	384	Var & NW

HOOPING COUGH

Occasioned 451 deaths, or 236 in the Parish, and 215 in the Out-Townships. Its per centage death-rate relatively to deaths from all causes was 2·8, and relatively to deaths from Zymotic causes 9·5.

DEATHS FROM HOOPING COUGH.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	Below 5 years...	4	5	3	11	12	11	19	27	38	54	92
	Above 5 years...	...	...	...	...	...	...	...	1	...	1	1
Vauxhall	Below 5 years...	...	...	2	1	2	2	3	10	7	13	20
	Above 5 years...	...	1	...	...	...	...	...	...	...	1	1
St. Paul's	Below 5 years...	...	...	...	...	...	5	7	5	7	10	17
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Exchange	Below 5 years...	...	1	...	...	1	...	4	3	5	4	9
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	Below 5 years...	...	...	2	1	1	1	6	5	9	7	16
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Lime Street	Below 5 years...	...	1	...	1	3	2	3	2	6	6	12
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Castle Street.....	Below 5 years...	...	1	...	...	...	...	...	...	...	1	1
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Peter's.....	Below 5 years...	...	...	...	2	1	1	...	1	1	4	5
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Pitt Street.....	Below 5 years...	3	2	1	1	...	...	...	...	4	3	7
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Great George	Below 5 years...	1	1	2	2	...	1	1	2	4	6	10
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Rodney Street	Below 5 years...	...	1	2	4	4	4	1	3	7	12	19
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Abercromby	Below 5 years...	1	1	2	2	1	9	...	3	4	15	19
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Parish Workhouses and Hospitals	Below 5 years...	...	1	1	...	...	2	...	2	1	5	6
	Above 5 years...	...	...	...	...	...	1	...	...	...	1	1
Out Township Workhouses and Hospitals	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale ...	Below 5 years...	6	4	6	5	8	13	25	19	45	41	86
	Above 5 years...	1	...	1	...	...	...	...	...	2	...	2
West Derby	Below 5 years...	5	3	6	6	8	9	6	4	25	22	47
	Above 5 years...	...	...	...	...	1	...	...	...	1	...	1
North Toxteth.....	Below 5 years...	6	7	3	5	5	3	4	10	18	25	43
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
South Toxteth	Below 5 years...	4	3	2	2	6	7	6	6	18	18	36
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Parish.....	Below 5 years...	9	14	15	25	25	38	44	63	93	140	233
	Above 5 years...	...	1	...	...	...	1	...	1	...	3	3
Out Townships.....	Below 5 years...	21	17	17	18	27	32	41	39	106	106	212
	Above 5 years...	1	...	1	...	1	...	...	...	3	...	3
Borough.....	Below 5 years...	30	31	32	43	52	70	85	102	199	246	445
	Above 5 years...	1	1	1	...	1	1	...	1	3	3	6

DEATHS FROM SMALL POX.

WARDS.	QUARTERS.								YEAR.		
	March.		June.		Sept.		Dec.				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland.....	{ Below 5 years...										
						1	11	18	11	19	30
	{ Above 5 years...										
							8	5	8	5	13
St. Paul's	{ Below 5 years...										
	{ Above 5 years...										
							1		1		1
St. Anne's	{ Below 5 years...										
	{ Above 5 years...										
							2		2		2
Lime Street.....	{ Below 5 years...										
								1		1	1
	{ Above 5 years...										
Great George.....	{ Below 5 years...										
							1	1	1	1	2
	{ Above 5 years...										
								1		1	1
Rodney Street	{ Below 5 years...										
	{ Above 5 years...										
Abercromby	{ Below 5 years...										
	{ Above 5 years...										
							1	1	1	1	2
Parish Workhouses and Hospitals	{ Below 5 years...										
							3	6	3	6	9
	{ Above 5 years...										
							11	8	11	8	19
Out-Townships, Work-houses, and Hospitals	{ Below 5 years...										
							1	4	1	4	5
	{ Above 5 years...										
					5		15	12	20	12	32
Everton and Kirkdale...	{ Below 5 years...										
					2	2	16	8	18	10	28
	{ Above 5 years...										
							9	16	9	16	25
West Derby	{ Below 5 years...										
	{ Above 5 years...										
							1	1	1	1	2
South Toxteth	{ Below 5 years...										
	{ Above 5 years...										
								1		1	1
Parish	{ Below 5 years...										
						1	15	27	15	28	43
	{ Above 5 years...										
							23	15	23	15	38
Out Townships	{ Below 5 years...										
					2	2	17	12	19	14	33
	{ Above 5 years...										
					5		25	30	30	30	60
Borough	{ Below 5 years...										
					2	3	32	39	34	42	76
	{ Above 5 years...										
					5		48	45	53	45	98

DEATHS FROM CROUP.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	Below 5 years...	2	2	1	...	8	2	7	8	18	12	30
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Vauxhall	Below 5 years...	...	...	1	...	...	...	1	1	2	1	3
	Above 5 years...	...	...	...	...	...	...	...	1	...	1	1
St. Paul's	Below 5 years...	...	...	...	2	1	...	...	1	1	3	4
	Above 5 years...	...	...	...	...	...	...	1	...	1	...	1
Exchange	Below 5 years...	...	...	...	...	...	...	1	...	1	...	1
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	Below 5 years...	1	...	...	...	...	...	3	...	4	...	4
	Above 5 years...	...	...	...	...	...	1	...	...	...	1	1
Lime Street	Below 5 years...	2	...	...	...	...	...	...	...	2	...	2
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Castle Street	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	Below 5 years...	...	1	1	...	...	1	...	...	1	2	3
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Pitt Street	Below 5 years...	...	...	...	1	...	1	1	...	1	2	3
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Great George	Below 5 years...	1	...	...	...	...	1	1	...	2	1	3
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Rodney Street	Below 5 years...	3	2	2	2	...	...	...	...	5	4	9
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Abercromby	Below 5 years...	1	2	...	...	...	...	...	...	1	2	3
	Above 5 years...	...	...	...	...	...	...	...	1	...	1	1
Parish Workhouses and Hospitals	Below 5 years...	...	...	2	3	...	1	2	...	4	4	8
	Above 5 years...	...	...	2	1	...	...	...	...	2	1	3
Out Township Workhouses and Hospitals	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale	Below 5 years...	7	1	2	4	8	7	5	9	22	21	43
	Above 5 years...	...	...	...	...	...	...	1	...	1	...	1
West Derby	Below 5 years...	3	...	2	1	1	3	1	2	7	6	13
	Above 5 years...	...	...	...	...	2	...	...	...	2	...	2
North Toxteth	Below 5 years...	2	2	2	2	1	...	3	4	8	8	16
	Above 5 years...	...	...	...	...	...	...	1	...	1	...	1
South Toxteth	Below 5 years...	3	2	...	...	4	4	5	2	12	8	20
	Above 5 years...	...	...	...	1	...	...	1	...	1	1	2
Parish	Below 5 years...	10	7	7	8	9	6	16	10	42	31	73
	Above 5 years...	...	...	2	1	...	1	1	2	3	4	7
Out Townships	Below 5 years...	15	5	6	7	14	14	14	17	49	43	92
	Above 5 years...	...	...	...	1	2	...	3	...	5	1	6
Borough	Below 5 years...	25	12	13	15	23	20	30	27	91	74	165
	Above 5 years...	...	...	2	2	2	1	4	2	8	5	13

DEATHS FROM DIPHTHERIA.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland.....	{ Below 5 years...	1	1	1	1	...	1	1	3	3	6	9
	{ Above 5 years...	...	1	...	1	...	1	...	...	...	3	3
Exchange	{ Below 5 years...	...	...	...	...	...	1	...	...	...	1	1
	{ Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's.....	{ Below 5 years...	...	...	...	...	1	...	...	...	1	...	1
	{ Above 5 years...	...	1	...	...	...	...	...	...	...	1	1
Pitt Street.....	{ Below 5 years...	...	...	...	...	...	...	1	...	1	...	1
	{ Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Great George.....	{ Below 5 years...	1	...	...	...	...	...	1	...	2	...	2
	{ Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Rodney Street.....	{ Below 5 years...	...	1	...	...	...	...	...	3	...	4	4
	{ Above 5 years...	...	1	...	...	...	1	...	...	...	2	2
Abercromby	{ Below 5 years...	...	1	...	...	...	...	...	1	...	2	2
	{ Above 5 years...	...	1	...	...	...	...	...	...	...	1	1
Out Townships Work- houses and Hospital.	{ Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	{ Above 5 years...	...	...	...	...	...	...	1	...	1	...	1
Everton and Kirkdale.	{ Below 5 years...	...	1	2	...	...	...	1	2	3	3	6
	{ Above 5 years...	1	...	...	2	1	...	...	1	2	3	5
West Derby	{ Below 5 years...	1	...	...	...	...	2	...	...	1	2	3
	{ Above 5 years...	...	...	...	...	...	...	...	1	...	1	1
North Toxteth.....	{ Below 5 years...	2	...	2	1	...	2	...	1	4	4	8
	{ Above 5 years...	...	...	1	1	...	...	...	...	1	1	2
South Toxteth	{ Below 5 years...	1	...	1	...	...	1	...	3	2	4	6
	{ Above 5 years...	...	2	...	...	...	...	...	...	...	2	2
Parish.....	{ Below 5 years...	2	3	1	1	1	2	3	7	7	13	20
	{ Above 5 years...	...	4	...	1	...	2	...	...	...	7	7
Out-Townships.....	{ Below 5 years...	4	1	5	1	...	5	1	6	10	13	23
	{ Above 5 years...	1	2	1	3	1	...	1	2	4	7	11
Borough	{ Below 5 years...	6	4	6	2	1	7	4	13	17	26	43
	{ Above 5 years...	1	6	1	4	1	2	1	2	4	14	18

OTHER ZYMOTICS.

Under the term of other Zymotics are included :—Chicken Pox, Dysentery, Cholera, Influenza, Erysipelas, Syphilis, Thrush, Puerperal Fever, Rheumatic Fever, Quinsy, Ague, Mumps, Purpura, and Hydrophobia.

DEATHS FROM OTHER ZYMOTICS.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland.....	Below 5 years...	5	3	5	7	5	7	7	3	22	20	42
	Above 5 years...	1	...	1	...	2	2	2	...	6	2	8
Vauxhall	Below 5 years...	...	...	1	1	...	...	...	1	1	2	3
	Above 5 years...	...	...	...	1	...	...	...	1	...	2	2
St. Paul's	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	2	...	...	1	2	1	3
Exchange	Below 5 years...	...	...	...	...	1	1	2	...	3	1	4
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Anne's	Below 5 years...	2	2	3	2	3	3	...	...	8	7	15
	Above 5 years...	...	1	...	...	...	2	1	1	1	4	5
Lime Street	Below 5 years...	...	...	...	...	2	...	...	...	...	...	2
	Above 5 years...	...	...	1	1	2	1	...	...	3	2	5
Castle Street	Below 5 years...	1	...	...	...	...	...	...	...	1	...	1
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	Below 5 years...	...	1	...	...	...	...	...	...	...	1	1
	Above 5 years...	...	...	...	...	...	1	...	...	...	1	1
Pitt Street	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Great George	Below 5 years...	...	...	...	1	...	2	...	...	...	3	3
	Above 5 years...	1	1	...	...	...	...	2	...	1	3	4
Rodney Street	Below 5 years...	...	...	...	...	1	...	2	...	3	...	3
	Above 5 years...	...	...	...	...	...	1	...	...	...	1	1
Abercromby	Below 5 years...	1	1	1	...	...	1	...	1	2	3	5
	Above 5 years...	...	1	...	...	...	...	1	1	1	2	3
Parish Workhouses and Hospitals	Below 5 years...	...	...	1	...	...	1	...	1	1	2	3
	Above 5 years...	2	3	5	3	6	7	1	2	14	15	29
Out Township Workhouses and Hospitals	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale...	Below 5 years...	4	7	6	5	6	8	4	2	20	22	42
	Above 5 years...	5	3	1	2	4	1	4	3	14	9	23
West Derby	Below 5 years...	1	3	3	1	6	4	4	2	14	10	24
	Above 5 years...	...	...	...	2	2	2	...	1	2	5	7
North Toxteth.....	Below 5 years...	...	1	1	2	4	3	2	...	7	6	13
	Above 5 years...	1	1	2	2	...	2	...	...	3	5	8
South Toxteth	Below 5 years...	3	1	1	1	2	1	3	3	9	6	15
	Above 5 years...	...	...	4	...	1	2	1	2	6	4	10
Parish	Below 5 years...	9	7	11	11	12	15	11	6	43	39	82
	Above 5 years...	4	6	7	5	12	14	5	8	28	33	61
Out Townships	Below 5 years...	8	12	11	9	18	16	13	7	50	44	94
	Above 5 years...	6	4	7	6	7	7	5	6	25	23	48
Borough	Below 5 years...	17	19	22	20	30	31	24	13	93	83	176
	Above 5 years...	10	10	14	11	19	21	10	14	53	56	109

TUBERCULAR DISEASES.

This group of diseases includes Phthisis, Scrofula, Tabes Mesenterica and Hydrocephalus. They occasioned 2166 deaths in the Borough of Liverpool during the year 1870, of which 1169 occurred in the Parish, and 997 in the Out-townships. The death-rate was 4.1 per 1000 of the estimated population; their per centage death-rate relatively to deaths from all causes was 13.4.

The following Tables sufficiently explain themselves. The first and second show the localities and periods of the year in which Phthisis and other Tubercular diseases were most fatally prevalent. The third is a statistical resumé of the death records of all Tubercular diseases, and also of Phthisis (separately) during the last twenty-three years.

DEATHS FROM PHTHISIS.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	Below 5 years...	...	2	4	1	2	5	2	...	8	8	16
	Above 5 years...	26	22	17	27	16	27	26	35	85	111	196
Vauxhall	Below 5 years...	1	...	...	...	1	2	2	...	4	2	6
	Above 5 years...	5	5	4	6	2	9	5	1	16	21	37
St. Paul's	Below 5 years...	...	...	1	...	2	...	2	...	5	...	5
	Above 5 years...	6	7	5	7	1	2	1	7	13	23	36
Exchange	Below 5 years...	...	...	...	...	...	...	2	...	2	...	2
	Above 5 years...	6	5	6	5	4	3	1	4	17	17	34
St. Anne's.....	Below 5 years...	...	...	2	3	...	1	...	...	2	4	6
	Above 5 years...	11	9	15	10	12	9	8	12	46	40	86
Lime Street	Below 5 years...	...	2	...	...	1	...	...	1	1	3	4
	Above 5 years...	8	2	3	7	5	4	9	3	25	16	41
Castle Street.....	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	1	...	1	...	2	...	2
St. Peter's.....	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	4	2	3	4	1	2	2	...	10	8	18
Pitt Street.....	Below 5 years...	...	2	...	2	3	...	...	...	3	4	7
	Above 5 years...	4	4	6	1	...	5	6	4	16	14	30
Great George.....	Below 5 years...	1	...	1	...	...	...	...	...	2	...	2
	Above 5 years...	10	8	5	5	2	2	6	1	23	16	39
Rodney Street	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	17	10	8	2	8	2	3	2	36	16	52
Abercromby.....	Below 5 years...	...	...	1	1	1	1	...	...	2	2	4
	Above 5 years...	8	5	7	7	2	6	4	5	21	23	44
Parish Workhouses and Hospitals	Below 5 years...	1	...	...	...	...	...	3	1	4	1	5
	Above 5 years...	46	30	44	22	33	26	40	32	163	110	273
Out Township Workhouses and Hospitals	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	1	1	1	...	2	1	3
Everton and Kirkdale	Below 5 years...	4	2	5	6	2	5	...	6	11	19	30
	Above 5 years...	49	43	35	54	29	43	35	39	148	179	327
West Derby	Below 5 years...	1	...	5	3	1	1	...	1	7	5	12
	Above 5 years...	17	11	24	26	20	10	14	17	75	64	139
North Toxteth.....	Below 5 years...	2	...	3	1	2	...	...	...	7	1	8
	Above 5 years...	14	18	5	16	17	12	15	10	51	56	107
South Toxteth.....	Below 5 years...	1	4	...	...	...	...	...	2	1	6	7
	Above 5 years...	9	19	14	13	9	15	4	11	36	58	94
Parish	Below 5 years...	3	6	9	7	10	9	11	2	33	24	57
	Above 5 years...	151	109	123	103	86	98	111	107	471	417	888
Out Townships.....	Below 5 years...	8	6	13	10	5	6	...	9	26	31	57
	Above 5 years...	89	91	78	109	76	81	69	77	312	358	670
Borough	Below 5 years...	11	12	22	17	15	15	11	11	59	55	114
	Above 5 years...	240	200	201	212	162	179	180	184	783	775	1558

DEATHS FROM OTHER TUBERCULAR DISEASES.

WARDS.		QUARTERS.								YEAR.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	TOTAL.
Scotland	Below 5 years...	9	8	5	10	17	3	4	7	35	28	63
	Above 5 years...	1	1	3	1	...	...	3	2	7	4	11
Vauxhall	Below 5 years...	2	1	1	1	2	4	1	...	6	6	12
	Above 5 years...	...	1	...	...	...	...	...	1	...	2	2
St. Paul's	Below 5 years...	1	1	...	...	4	1	2	2	7	4	11
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Exchange	Below 5 years...	...	1	1	1	1	1	...	1	2	4	6
	Above 5 years...	...	...	...	...	...	...	1	...	1	...	1
St. Anne's	Below 5 years...	2	...	4	2	4	...	1	2	11	4	15
	Above 5 years...	1	...	1	1	...	1	...	...	2	2	4
Lime Street	Below 5 years...	2	3	2	1	1	1	2	1	7	6	13
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Castle Street.....	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
St. Peter's	Below 5 years...	...	1	1	1	...	3	1	...	2	5	7
	Above 5 years...	1	1	...	...	...	...	...	...	1	1	2
Pitt Street	Below 5 years...	1	...	...	...	...	1	...	...	1	1	2
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Great George.....	Below 5 years...	2	3	3	...	...	...	2	1	7	4	11
	Above 5 years...	...	1	1	...	...	...	...	...	1	1	2
Rodney Street	Below 5 years...	3	3	3	1	2	2	1	1	9	7	16
	Above 5 years...	...	...	...	...	...	...	...	1	...	1	1
Abercromby	Below 5 years...	4	1	1	1	3	...	1	2	9	4	13
	Above 5 years...	2	...	...	2	...	1	...	1	2	4	6
Parish Workhouses and Hospitals.....	Below 5 years...	...	...	1	2	...	1	3	4	4	7	11
	Above 5 years...	1	...	...	3	3	4	3	1	7	8	15
Out Township Workhouses and Hospitals.	Below 5 years...	...	...	...	...	...	...	...	...	...	...	...
	Above 5 years...	...	...	...	...	...	...	...	...	...	...	...
Everton and Kirkdale...	Below 5 years...	11	12	11	5	20	17	15	11	57	45	102
	Above 5 years...	...	1	4	1	2	...	...	1	6	3	9
West Derby	Below 5 years...	8	6	4	6	12	5	7	4	31	21	52
	Above 5 years...	1	...	...	...	1	...	1	...	3	...	3
North Toxteth.....	Below 5 years...	8	6	8	8	8	6	9	7	33	27	60
	Above 5 years...	...	...	...	...	...	...	1	...	1	...	1
South Toxteth.....	Below 5 years...	8	6	7	3	2	4	8	3	25	16	41
	Above 5 years...	...	...	1	...	1	...	...	...	2	...	2
Parish.....	Below 5 years...	26	22	22	20	34	17	18	21	100	80	180
	Above 5 years...	6	4	5	7	3	6	7	6	21	23	44
Out Townships	Below 5 years...	35	30	30	22	42	32	39	25	146	109	255
	Above 5 years...	1	1	5	1	4	...	2	1	12	3	15
Borough	Below 5 years...	61	52	52	42	76	49	57	46	246	189	435
	Above 5 years...	7	5	10	8	7	6	9	7	33	26	59

PHTHISIS AND TUBERCULAR DISEASES, FROM 1848 TO 1870,
INCLUSIVE.

YEARS.	Deaths from Phthisis	Death from all Tubercular Diseases.	Per cent. of Phthisis to total deaths.	Per cent. of Tubercular Diseases to total Deaths.	Phthisis per 10,000 of the population.	Tubercular Diseases per 10,000 of the population.
1848	1,394	1,913	11·8	16·2	40·2	55·2
1849	1,356	1,932	8·3	11·8	38·0	54·2
1850	1,265	1,667	13·3	17·6	34·5	45·5
1851	1,473	1,924	13·2	17·2	38·9	51·2
1852	1,485	2,051	13·3	18·4	38·8	53·6
1853	1,581	2,100	15·1	20·0	40·7	54·0
1854	1,586	2,150	11·3	15·3	40·1	54·4
1855	1,605	2,123	12·8	16·9	39·9	52·8
1856	1,406	1,881	12·1	16·2	34·4	46·0
1857	1,547	2,032	11·9	15·6	37·2	48·9
1858	1,618	2,070	11·6	14·8	38·3	48·9
1859	1,532	2,008	12·9	16·8	35·4	46·7
1860	1,625	2,013	14·4	17·9	37·2	46·0
1861	1,562	2,001	12·0	15·4	35·4	45·0
1862	1,522	1,969	11·1	14·2	33·9	43·6
1863	1,587	2,167	10·3	14·1	34·5	47·2
1864	1,698	2,304	10·0	13·6	36·3	49·3
1865	1,878	2,522	10·8	14·5	39·5	53·1
1866	1,856	2,469	9·1	12·2	38·3	50·9
1867	1,729	2,295	11·8	15·8	35·1	46·6
1868	1,629	2,175	11·1	14·9	32·5	43·4
1869	1,637	2,107	11·1	14·3	32·1	41·3
1870	1,672	2,166	10·3	13·4	32·3	41·8

I have received from Mr. Hartnup the following Meteorological Table for the year 1870.

LIVERPOOL OBSERVATORY.

DATE.	Mean Barometer.	Mean Temperature.	Rainfall on Ground
1870.	Inches.	o	Inches.
January	29·943	38·5	2·07
February	29·869	37·3	1·07
March	30·080	41·0	1·44
April	30·130	49·3	1·32
May	30·012	53·8	0·93
June	30·115	59·2	1·22
July	29·998	63·6	0·41
August	30·001	61·6	2·21
September	30·026	57·1	2·79
October	29·678	50·1	5·46
November	29·781	41·8	3·12
December	29·952	34·5	2·40

The Select Vestry are kind enough to forward to my office a daily list of the cases of Typhus Fever attended by the Parochial Medical Officers, and a monthly list of the cases of Zymotic diseases, of Tubercular diseases, and of sickness from other causes, which have occurred in the twelve districts of the Parish.

The daily list enables the Health Committee to take action for the purification of the houses, and I am able from the other to classify the districts and streets in which sickness has prevailed.

The following are the streets in which six or more cases of Fever, or three or more of Scarlatina, have occurred during the year.

STREET.	Zymotic Diseases, including Fever and Scarlatina.	Fever and Relapsing Fever.	Scarlatina.	Tubercular Diseases including Phthisis.	Phthisis.	Other Diseases.
Ascot	21	18	...	...	...	13
Ashfield	8	7	...	...	...	22
Athol	27	25	...	7	7	56
All Saints Lane	20	19	...	1	...	13
Atkinson	11	6	...	...	...	30
Arley	136	134	...	4	4	82
Addison	222	198	...	4	4	520
Adlington	101	90	...	1	1	185
Ainsworth	13	8	4	...	...	77
Almond	8	8	...	1	1	13
Back Portland	109	93	...	3	2	117
Blenheim	234	203	13	9	9	155
Bostock	96	86	...	6	5	81
Boundary	7	7	...	...	...	10
„ East	6	6	...	...	...	3
Burlington	91	75	...	3	2	183
Barmouth	28	26	...	...	...	46
Beacon	14	8	4	7	7	29
Blackstone	21	17	4	4	4	27
Burnet	88	86	...	1	1	54
Beau	25	23	...	3	3	66
Ben Jonson	109	106	...	8	8	113
Bent	108	103	...	4	4	83
Birkett	69	67	...	11	8	121
Back Mansfield	8	8	...	...	...	5
Baptist	14	12	...	1	...	42
Bay Horse Lane	21	21	...	1	1	26
Blandford	75	62	3	5	3	154
Back Bond	19	19	...	...	...	12
Bevington Hill	20	20	...	1	1	13
Bevington	73	58	3	1	1	51
Blackstock	71	62	...	2	2	47
Bond	54	48	...	2	2	78
Burroughs Gardens	8	6	...	...	...	3
Banastre	107	105	...	2	2	116
Bevington Bush	11	11	...	1	1	15
Bow	10	10	...	2	2	9
Brook	9	8	...	2	2	13
Bispham	27	23	...	3	3	132
Bolton	101	72	10	3	3	120
Bronte	14	9	3	...	...	31
Brownlow Hill (sheds included)	256	164	7	58	51	2218
Brownlow	8	7	..	2	2	20

STREET.	Zymotic Diseases, including Fever and Scarlatina.	Fever and Relapsing Fever.	Scarlatina.	Tubercular, Diseases including Phthisis.	Phthisis.	Other Diseases.
Back Blake	29	19	6	...	...	79
Back Russell	11	7	3	...	...	18
Blake	54	36	9	5	4	174
Brown	25	14	6	2	2	71
Bailey	10	8	...	1	1	13
Blundell	52	43	4	5	5	85
Bridgewater	23	18	4	...	...	34
Brick	211	186	4	6	6	277
Calvin	6	6	...	...	...	17
Carlton	25	21	...	13	13	134
Cazneau	21	21	...	4	4	20
Chaucer	33	27	3	2	2	44
Collingwood	109	100	...	5	5	174
Comus	52	50	...	3	3	42
Christian	29	26	...	10	10	88
Circus	47	46	...	6	5	103
Clare	17	12	...	5	5	42
Clayton	20	19	...	4	4	52
Clifford	18	13	4	...	...	18
Chadwick	64	52	...	1	1	29
Chafter	155	150	...	4	4	127
Chisenhale	157	150	...	2	2	142
Clement	37	31	...	1	1	33
Cavendish	185	180	...	3	3	122
Cherry Lane	43	41	...	2	2	42
Cockspur	7	7	...	...	...	10
Cunliffe	6	6	...	1	1	9
Copperas Hill	62	45	7	9	3	139
Crown	7	6	...	...	...	20
Cambridge	9	6	...	...	...	113
Chapel Lane	21	18	...	1	...	22
Carpenter's Row	21	20	...	2	2	29
Crosbie	82	69	...	4	4	162
Crump	22	22	...	...	...	26
Dalrymple	11	10	...	1	1	6
Denbigh	12	8	4	...	...	18
Drinkwater's Gardens	18	17	...	7	7	128
Dryden	243	234	...	7	7	128
Downe	36	33	...	...	...	14
Denison	13	11	...	...	...	26
Duckinfield	264	203	16	8	6	451
Duke	8	8	...	...	...	15
Epsom	27	23	3	2	1	38
East View	29	27	...	1	1	3
Eldon	95	69	3	9	7	187
Ennerdale	30	26	...	6	2	37
Eaton	146	140	...	3	3	73
Edgar	10	10	...	...	...	16
Edward	45	32	3	4	3	89
Fletcher's Gardens	18	17	...	2	2	14
Finch Place	8	8	...	...	...	23
Ford	245	229	...	17	17	209
Freemason's Row	30	29	...	2	2	23
Fairhurst	11	11	...	...	...	36
Fontenoy	96	95	...	7	7	157
Frederick	20	13	3	4	4	58
Flint	16	14	...	1	1	7
Green	17	12	...	8	1	26
Great Howard	23	22	...	2	2	42

STREET.	Zymotic Diseases, including Fever and Scarlatina	Fever and Relapsing Fever.	Scarlatina.	Tubercular Diseases including Phthisis.	Phthisis.	Other Diseases.
Gay	16	14	...	2	2	47
Great Richmond	24	22	...	2	2	40
Grosvenor	49	49	...	1	1	96
Gerard	39	31	...	7	6	96
Gomer	20	19	...	...	...	35
Gildart's Gardens	103	96	...	...	...	80
Gascoyne	125	124	...	3	2	85
Gibraltar Row	8	8	...	...	...	23
Gladstone	58	58	...	...	...	26
Great Crosshall	8	8	...	1	1	51
Gill	13	9	4	...	...	24
Grayson	104	101	...	2	2	91
Greenland	54	41	6	5	4	97
Gilbert	49	40	3	2	2	121
Hankin	28	26	...	2	2	19
Hopwood	14	9	...	5	5	68
Hornby	242	200	14	23	20	444
Hedley	101	98	...	3	2	63
Hare Place	54	49	...	2	2	18
Horatio	15	15	...	2	2	20
Holly	21	16	...	4	4	56
Hunter	6	6	...	1	1	25
Harrison	66	66	...	1	1	65
Highfield	14	14	...	1	1	30
Henry Edward	171	158	...	3	2	256
Hockenhall Alley	8	8	...	...	...	43
Hodson	97	91	...	3	3	170
Hood	3	...	3	...	...	4
Hilbre	64	44	...	4	3	73
Hawke	31	22	...	8	8	131
Heath	6	6	...	...	...	13
Henry	15	14	...	1	1	24
Islington	13	11	...	2	2	14
Johnson	64	61	...	...	...	61
Jones	16	11	...	7	7	61
Jamaica	15	15	...	...	...	6
Jordan	119	94	18	1	1	155
Kew	163	145	...	4	4	161
Kent	26	18	8	1	1	39
Knight	9	6	...	2	2	16
Kitchen	51	36	3	3	3	119
Limekiln Lane	144	129	6	5	5	130
Lightbody	17	17	...	...	...	45
Love Lane	36	33	...	4	4	36
Lawrence	10	9	...	4	4	16
Lambert	13	12	...	4	4	40
Lionel	29	26	...	...	...	33
Lower Myrtle	60	56	...	2	...	46
„ Milk	34	34	...	2	2	34
Leeds	59	59	...	...	...	37
Lace	146	141	...	5	5	278
Lydia Ann	7	7	...	2	2	16
Mile End	8	7	...	...	...	15
Mould	22	20	...	...	...	10
Milford	11	10	...	...	...	5
McKee	32	30	...	2	2	41
Meadow	12	8	...	...	...	20
Mansfield	39	31	...	2	2	71
Mill Lane	33	32	...	...	...	29

STREET.	Zymotic Diseases, including Fever and Scarlatina.	Fever and Relapsing Fever.	Scarlatina.	Tuber- ular Diseases, including Phthisis.	Phthisis.	Other Diseases.
Myrtle View.....	9	9	...	1	1	6
Maddox	33	32	...	2	2	16
Maguire	42	39	...	2	2	91
Marybone.....	45	43	...	1	1	30
Milton.....	279	274	...	4	4	180
Marlborough	27	24	...	...	...	57
Midghall Lane.....	8	7	...	2	2	33
Myrtle.....	6	6	...	...	...	15
Midghall.....	108	102	...	4	4	179
Newsham.....	158	122	5	6	6	167
Nash Grove.....	101	95	...	4	4	57
Naylor.....	174	171	...	10	10	100
Northampton.....	9	8	...	1	1	14
North	52	48	...	2	2	135
New Hall.....	103	98	...	1	1	98
Norfolk	44	30	7	6	6	101
Oswald	13	12	...	...	...	10
Oriel	274	262	5	13	13	219
Orange.....	8	8	...	...	...	11
Oakes.....	40	26	6	4	4	80
Penrhyn	26	21	...	2	2	38
Portland	57	50	...	11	11	174
Paget	53	48	...	5	4	69
Prince's Walk.....	15	14	...	11	11	22
Pepper.....	20	18	...	2	2	22
Porter	32	28	...	4	3	55
Pall Mall.....	41	40	...	4	4	48
Paul.....	88	84	...	10	10	103
Plumbe.....	12	11	...	...	...	21
Prussia	10	10	...	...	...	7
Poplar Lane.....	6	6	...	...	...	6
Primrose Hill.....	12	10	...	4	3	83
Pembroke Gardens	6	6	...	1	1	8
Pembroke.....	24	15	3	2	2	45
Pennington.....	15	13	...	3	3	20
Poynton	6	...	4	...	...	3
Prince	9	...	6	2	2	6
Peach	67	53	3	3	1	199
Pellew	11	8	...	4	4	63
Pleasant	13	6	...	3	...	24
Pitt	20	12	...	1	1	65
Pownall	21	19	...	...	...	30
Parliament	20	18	...	...	...	18
Pilgrim.....	6	6	...	...	...	1
Queen Anne.....	14	13	...	1	1	49
Raymond	69	47	...	5	5	187
Raglan.....	64	60	...	3	3	53
Rachel.....	55	38	...	3	3	118
Richmond Row.....	45	43	...	6	5	88
Rose Place.....	45	35	...	2	1	76
Redmond Place	45	41	...	2	2	34
Raffles	19	15	3	1	1	30
Rathbone.....	80	74	...	4	3	122
Saint Martin.....	162	141	...	6	5	150
Scotland Road.....	26	20	...	2	2	31
Silvester.....	28	25	...	4	4	63
Skirving	9	6	3	...	...	23
Saltney.....	75	74	...	11	11	106
Shadwell.....	16	15	...	1	1	14

STREET.	Zymotic Diseases, including Fever and Scarlatina.	Fever and Relapsing Fever.	Scarlatina.	Tuber- ular Diseases, including Phthisis.	Phthisis.	Other Diseases.
Sherwood	164	152	8	15	15	124
Slade	30	30	...	4	4	84
Steele	6	6	...	...	...	6
Saint Anne	11	10	...	1	1	65
Soho	10	8	...	5	5	22
Spring Place	33	33	...	...	...	38
Stewart	8	8	...	...	...	11
Summer Seat	23	22	...	2	2	14
Smithfield	33	33	...	1	1	30
Sawney Pope	175	163	...	6	4	363
Standish	35	34	...	2	2	77
Stockdale	104	100	...	1	...	180
School Lane	8	7	...	...	...	28
Stanley	9	7	...	...	...	19
Skelhorne	10	...	5	1	1	22
Saint Andrew	310	179	58	24	20	296
Shannon	9	...	4	5	...	44
Shaw's Alley	13	...	9	2	2	46
Short	4	...	4	1	1	7
Sparling	76	72	3	4	4	105
Saint James	14	10	...	1	1	16
Tatlock	66	57	...	5	5	93
Tenterden	45	36	4	1	1	64
Titchfield	28	25	...	2	2	102
Tessera Place	6	6	...	...	...	1
ThurLOW	85	80	...	2	2	60
Turner	6	6	...	...	...	4
Thornton	8	8	...	...	...	13
Tithebarn	13	13	...	1	1	9
Thomas	60	58	...	8	8	171
Trueman	23	19	...	1	1	106
Trowbridge	40	21	6	5	4	112
Tobin	10	9	...	...	...	4
Upper William	7	7	...	...	...	13
Upper Milk	40	39	...	1	1	17
Upper Frederick	216	199	4	9	9	295
Upper Pownall	23	22	...	2	1	27
Vauxhall Road	35	32	...	3	3	66
Virgil	7	6	...	2	2	15
Vernon	19	19	...	1	1	54
Woodstock	99	89	...	5	5	56
Wright	217	187	...	9	9	141
Walmsley	35	31	3	2	2	19
Whitley	18	17	...	10	10	33
Wakefield	28	25	...	...	...	22
Wilton	8	6	...	...	...	17
Wigan	11	11	...	...	...	14
Westmoreland	99	97	...	...	...	59
Worfield	20	17	...	4	4	16
Ward	3	...	3	...	...	5
White Mill	6	6	...	...	...	1
Walnut	7	6	...	...	...	34
Warren	32	22	3	6	6	94
White	9	7	...	1	1	31
Watkinson	28	20	5	2	2	87

The Medical Officer is indebted to the kindness of Mr. Hagger, Vestry Clerk, for the following valuable Tables:—

PARISH OF LIVERPOOL

Return of Infectious Diseases, &c., in Workhouse Hospital.

1870. WEEK ENDING.	FEVER.				SIMPLE CONTINUED.				RELAPSING FEVER.				SMALL POX.				MEASLES.				SCARLATINA.											
	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.	No. at commence- ment of week.	Admitted.	Discharged.	Died.	Remaining at end of week.							
Jan. 1..	105	28	34	6	93	Included in the first column (Fever)															4	3	2	..	5	7	1	..				
" 8..	93	21	25	7	89																5	3	3	..	7	6	6	..	1	6	1	..
" 15..	89	34	24	7	92																6	2	4	..	1	15	15	..	1	15	15	..
" 22..	92	18	29	3	78																2	5	4	..	2	12	12	..	2	12	12	..
" 29..	78	21	21	1	77																2	5	4	..	2	12	12	..	2	12	12	..
Feb. 5..	77	27	17	7	80																2	5	4	..	2	12	12	..	2	12	12	..
" 12..	80	16	21	1	75																2	5	4	..	2	12	12	..	2	12	12	..
" 19..	75	16	16	5	70																2	5	4	..	2	12	12	..	2	12	12	..
" 26..	70	16	13	2	71																2	5	4	..	2	12	12	..	2	12	12	..
March 5..	71	20	19	1	71																2	5	4	..	2	12	12	..	2	12	12	..
" 12..	71	38	22	3	84																2	5	4	..	2	12	12	..	2	12	12	..
" 19..	84	26	25	3	82																2	5	4	..	2	12	12	..	2	12	12	..
" 26..	82	29	22	4	85																2	5	4	..	2	12	12	..	2	12	12	..
April 2..	85	17	19	4	79																2	5	4	..	2	12	12	..	2	12	12	..
" 9..	79	22	28	3	70																2	5	4	..	2	12	12	..	2	12	12	..
" 16..	70	32	21	5	76																2	5	4	..	2	12	12	..	2	12	12	..
" 23..	76	34	27	5	78																2	5	4	..	2	12	12	..	2	12	12	..
" 30..	78	24	19	1	83																2	5	4	..	2	12	12	..	2	12	12	..
May 7..	83	31	34	4	76																2	5	4	..	2	12	12	..	2	12	12	..
" 14..	76	38	24	2	88																2	5	4	..	2	12	12	..	2	12	12	..
" 21..	88	39	30	4	93																2	5	4	..	2	12	12	..	2	12	12	..
" 28..	93	59	34	1	117																2	5	4	..	2	12	12	..	2	12	12	..
June 4..	117	72	42	1	146																2	5	4	..	2	12	12	..	2	12	12	..
" 11..	146	89	44	3	138																2	5	4	..	2	12	12	..	2	12	12	..
" 18..	138	50	51	4	133																2	5	4	..	2	12	12	..	2	12	12	..
" 25..	133	71	61	3	140																2	5	4	..	2	12	12	..	2	12	12	..
July 2..	140	72	37	3	172																2	5	4	..	2	12	12	..	2	12	12	..
" 9..	172	76	48	5	195																2	5	4	..	2	12	12	..	2	12	12	..
" 16..	195	101	62	1	233																2	5	4	..	2	12	12	..	2	12	12	..
" 23..	233	94	53	6	268																2	5	4	..	2	12	12	..	2	12	12	..
" 30..	268	122	58	4	328																2	5	4	..	2	12	12	..	2	12	12	..
Aug. 6..	328	195	92	5	426																2	5	4	..	2	12	12	..	2	12	12	..
" 13..	426	184	118	9	483																2	5	4	..	2	12	12	..	2	12	12	..
" 20..	483	180	90	5	568																2	5	4	..	2	12	12	..	2	12	12	..
" 27..	568	244	128	8	676																2	5	4	..	2	12	12	..	2	12	12	..
Sept. 3..	676	240	130	12	774																2	5	4	..	2	12	12	..	2	12	12	..
" 10..	774	292	150	7	909																2	5	4	..	2	12	12	..	2	12	12	..
" 17..	909	326	216	13	1006																2	5	4	..	2	12	12	..	2	12	12	..
" 24..	1006	402	271	21	1116																2	5	4	..	2	12	12	..	2	12	12	..
Oct. 1..	1116	326	237	14	1191																2	5	4	..	2	12	12	..	2	12	12	..
" 8..	1191	369	307	18	1235																2	5	4	..	2	12	12	..	2	12	12	..
" 15..	1235	431	318	9	1337																2	5	4	..	2	12	12	..	2	12	12	..
" 22..	1337	393	350	22	1358																2	5	4	..	2	12	12	..	2	12	12	..
" 29..	1358	270	242	18	1368																2	5	4	..	2	12	12	..	2	12	12	..
Nov. 5..	1368	374	408	26	1308																2	5	4	..	2	12	12	..	2	12	12	..
" 12..	1308	358	374	15	1277																2	5	4	..	2	12	12	..	2	12	12	..
" 19..	1277	370	355	21	1271																2	5	4	..	2	12	12	..	2	12	12	..
" 26..	1271	272	318	19	1206																2	5	4	..	2	12	12	..	2	12	12	..
Dec. 3..	1206	245	334	16	1101																2	5	4	..	2	12	12	..	2	12	12	..
" 10..	1101	249	221	22	1107																2	5	4	..	2	12	12	..	2	12	12	..
" 17..	1107	215	247	14	1061																2	5	4	..	2	12	12	..	2	12	12	..
" 24..	1061	183	345	13	886																2	5	4	..	2	12	12	..	2	12	12	..
" 31..	886	178	275	15	774																2	5	4	..	2	12	12	..	2	12	12	..

The above Return includes cases at Ashfield Street, West Derby Road, and Kirkdale Branches.

PARISH OF LIVERPOOL.

RETURN OF PERSONS IN RECEIPT OF RELIEF IN THE YEAR 1870.

Week ending.	Work-house.	Industrial Schools.	Out Relief.	Week ending.	Work-house.	Industrial Schools.	Out Relief.
1870.				1870.			
January 1...	3041	1611	11375	July 9...	2728	1418	10046
" 8...	3046	1616	11513	" 16...	2713	1373	10028
" 15...	3127	1623	11708	" 23...	2734	1373	9979
" 22...	3113	1603	11665	" 30...	2818	1370	9981
" 29...	3157	1577	11913	August 6...	2860	1345	10058
February 5...	3120	1602	11803	" 13...	2990	1339	10000
" 12...	3183	1589	12296	" 20...	3074	1318	9998
" 19...	3225	1586	12601	" 27...	3210	1293	9892
" 26...	3226	1583	12169	September 3...	3285	1308	9899
March 5...	3188	1582	12028	" 10...	3413	1301	9937
" 12...	3217	1583	11935	" 17...	3529	1311	10014
" 19...	3145	1564	11942	" 24...	3585	1311	10102
" 26...	3118	1572	11502	October 1...	3711	1329	10014
April 2...	3072	1567	11154	" 8...	3719	1331	10279
" 9...	2913	1542	10979	" 15...	3854	1322	10242
" 16...	2835	1517	10687	" 22...	3981	1316	10162
" 23...	2772	1492	10777	" 29...	4042	1306	10506
" 30...	2711	1481	10626	November 5...	3954	1316	10412
May 7...	2701	1463	10536	" 12...	3968	1298	10608
" 14...	2684	1466	10363	" 19...	4042	1299	10817
" 21...	2595	1443	10298	" 26...	4031	1302	10817
" 28...	2631	1435	10283	December 3...	3961	1281	10539
June 4...	2636	1408	10245	" 10...	3992	1314	10408
" 11...	2621	1425	10187	" 17...	4028	1292	10333
" 18...	2631	1432	10139	" 24...	3844	1284	10735
" 25...	2633	1434	10081	" 31...	3757	1271	10344
July 2...	2654	1436	10044				

These show that the average number of persons suffering from Fever (including therein Typhus, Continued, and Relapsing Fevers) at one time in hospital during the year 1870 was 493, and their per centage death-rate 5·4; the average number of Simple Continued Fever Cases at one time in hospital (from July 23rd) was 25, and their per centage death-rate 4·1; the average number of cases of Relapsing Fever at one time in hospital (from July 23rd) was 901, and their per centage death-rate 4·3; the average number of cases of Small Pox at one time in hospital (from October 22nd) was 29, and their per centage death-rate 19·5; the average number of cases of Scarlatina at one time in hospital during the whole year was 3, and their per centage death-rate 14·0; the average per centage death-rate of Measles was 7·8.

The number of persons in receipt of Parochial Relief on Saturday, the 2nd July, was 14,134, or 1,710 less than at the corresponding period of 1869, and the number on Saturday, the 31st December, was 15,372, or 801 less than on the same period of 1869.

SANITARY WORK.

Classification of Privies Certified for Conversion into Water Closets, from January to December, 1870, both months inclusive.

CAUSE OF CERTIFICATE.	DISTRICTS.										TOTAL.
	Saint Martin's.	Great Howard Street.	Dale Street.	Islington.	Saint George.	Saint Thomas's.	Mount Pleasant.	Everton and Kirkdale.	West Derby.	The Toxteths.	
Privies situated inside Houses and beneath inhabited Apartments.....	2	1	...	6	2	5	10	2	...	14	42
Privies situated in close and confined positions and near to inhabited Apartments..	34	10	6	22	...	7	21	37	36	22	195
Privies close and confined and adjoining fire-places.....	4	3	...	...	...	...	4	...	6	...	17
Privies emptied through Houses	...	...	...	...	6	3	...	...	...	...	9
Privies emptied through Courts	3	11	10	3	...	9	18	...	1	65	120
Tunnel Middens	24	...	...	...	...	6	1	3	3	8	45
Court Privies.....	...	...	...	...	...	2	...	...	...	...	2
TOTAL.....	67	25	16	31	8	32	54	42	46	109	430

LODGING-HOUSES.

The Health Committee have, since the passing of the Sanitary Act, 1866, ruled that as far as possible all registered lodging-houses should have a day apartment for the accommodation of their lodgers, and that all houses where single rooms were occupied by day and night should be registered as sub-let. The space required for a night lodger in a registered lodging-house is 300 cubical feet, while the space in a sub-let house for each adult is 350 feet. The effect of this arrangement is to lessen the number of registered lodging-houses.

There were on the register 1,149 lodging-houses at the end of 1869, and 1,134 at the end of 1870. This difference was occasioned by the removal of 293 old licenses and the addition of 278 new ones. The visits to lodging-houses are both by day and night. The lodging-houses of the better class, and especially those provided only with single beds for each person, and only with the number of beds equivalent to the number of lodgers allowed, are not visited at night except on grave suspicion or on complaint, or in the case of foreign lodging-houses, where there is a large influx of emigrants. The night visits are pretty nearly restricted to the low districts and tramp houses. The number of day visits paid during the year was 34,823, and the night visits 5,706. The number of lodging-houses found overcrowded on the night visits was 27; the number of informations laid for breaches of the bye-laws was 92, with the results of fines in 70 cases to the extent of £19. 17s., in sums varying from 1s. to 20s. and costs. The number of lodging-houses found dirty was 267; notices were served to limewash and cleanse.

It is necessary frequently to visit houses which are not licensed either as lodging or sub-let houses, especially when emigration is brisk, or at race times. There were 976 such visits paid during the day, and in 62 of the cases where suspicion was confirmed they were followed up by night visits. A tenant harbouring lodgers is not taken before the Justices for the first offence, but is noticed to apply to have his rooms measured and licensed. There were 280 such notices issued during the year, but in only 3 cases did the tenants refuse to comply; they were brought before the Justices and fined. A bye-law requires that every case of infectious sickness in a lodging-house should be at once reported to the Medical Officer of Health: 164 cases of fever occurred in lodging-houses; in 156 of the cases the patients were at once sent to hospital, the remaining 8 being members of the keepers' families, were not removed; 4 of these latter died. In all cases of fever or infectious disease the bedding was at once removed to the disinfecting apparatus, and the rooms purified and cleansed; in the 8 cases where the patients remained the licenses to receive lodgers were suspended by the Medical Officer. No lodger died from fever in a registered lodging-house; but not including the four cases of fever, there were 107 deaths from non-contagious diseases in lodging-houses, of which 79 belonged to the keepers' families and 28 were lodgers.

SUB-LET HOUSES REGISTERED UNDER THE SANITARY ACT OF 1866.

The number of sub-let houses on the Registry at the termination of 1869 was 7,539; the number registered during 1870 was 1,264, making the total on the register on the 31st December, 8,803. The number of visits paid during the night was 11,270, and during the day 57,342, with the result of finding 1,458 rooms overcrowded. In addition to overcrowding, the offence (though not punishable in sub-let houses) of permitting adult males and females not married to occupy the same room, comes under the notice of, and is entered in the books of the Inspectors. There were 615 rooms thus indecently occupied by 923 males and 1,032 females, besides having also in these rooms 545 children between the ages of 5 and 13 years.

Informations were laid against 868 chief tenants for permitting overcrowding in rooms with the following results:—10 were fined 1s.; 478 1s. and 1s. costs; 1 fined 2s. 6d. and 1s. 6d. costs; 1 fined 2s. 6d.; 189 fined 2s. 6d. and 2s. 6d. costs; 58 fined 5s. and costs; and 14 fined 10s. and costs, making a total of fines levied during the year of £133 11s. 6d. Of the remaining 117 cases, 16 informations were withdrawn, the tenants having abated the overcrowding; in 101 cases the tenants were acquitted—the majority because it was the first offence, and the remainder because of their poverty, and their promise not again to offend.

WORKSHOPS.

Visits are paid to all workshops upon receipt of complaints. 50 visits have been paid during the year, and in 23 cases where there was a breach of the Saturday half-holiday the employers were brought before the Justices and fined in penalties varying from 1s. to 40s. and costs. The amount of fines was £13 14s. 6d.

BAKEHOUSES.

1,207 day visits and 1,837 night visits have been paid to Bakehouses during the year. 23 informations were laid for working young people below the age of 18 years, between the hours of 9 p.m. and 5 a.m. In 18 cases penalties varying from 1s. and 1s. costs to 40s. and costs, and making a total of £8 0s. 6d. were inflicted. In 5 cases the employers were acquitted, being the first offence. 96 Bakehouses were found dirty and notices were served to limewash and cleanse them.

LICENSES FOR CATTLE.

During the year 1870, 79 applications for Licenses to keep 737 cows were made to and granted by the Health Committee ; these, in addition to premises previously licensed, make up the number to 545 shippons, containing 5,422 cows. 52 shippons, containing 574 cows, have been given up during the year, leaving the number of shippons on the Register 493, containing 4,848 cows. In 63 of these shippons, pigs are also allowed to be kept ; in 56 of them, only 2 pigs each ; in 6, 4 pigs ; and in 1, 5 pigs.

72 applications were made during the year to keep pigs in styres separate from and unconnected with shippons ; 41 of these applications, for keeping 121 pigs, were granted. The total number of premises or styres now licensed in the Borough (excluding shippons) is 281, for keeping 879 pigs.

THE DISINFECTING APPARATUS.

The number of Articles sent to the Disinfecting Apparatus during the year amounted to 66,865.

DATE 1870.	NUMBER OF ARTICLES DISINFECTED IN THE APPARATUS.		DATE 1870.	NUMBER OF ARTICLES DISINFECTED IN THE APPARATUS.	
	Ford Street.	New Bird Street.		Ford Street.	New Bird Street.
Week ending			Week ending		
January 6	202	309	July 7	224	317
.....13	107	156	14	257	348
.....20	149	400	21	320	180
.....27	259	272	28	382	271
February 3	233	281	August 4	435	490
.....10	208	268	11	819	576
.....17	112	205	18	912	434
.....24	237	169	25	1757	513
March 3	122	186	September..... 1	1204	753
.....10	155	223	 8	1227	626
.....17	182	256	15	408	517
.....24	291	296	22	1136	555
.....31	256	134	29	1915	518
Total for } Quarter. }	2513	3155	Total for } Quarter. }	10996	6098
April 7	90	163	October 6	1771	705
.....14	132	188	13	2230	625
.....21	147	104	20	2713	534
.....28	235	224	27	2703	685
May 5	188	386	November..... 3	1771	783
.....12	211	158	10	2303	361
.....19	266	187	17	1889	1133
.....26	223	438	24	2006	1198
June 2	298	185	December 1	3237	1093
..... 9	252	172	 8	1585	1490
.....16	166	155	15	1367	970
.....23	221	221	22	2480	1475
.....30	239	240	29	333	1174
Total for } Quarter. }	2668	2821	Total for } Quarter. }	26388	12226

UNWHOLESOME MEAT CONDEMNED DURING 1870.

	Beef.	Veal.	Mutton.	Lamb.	Pork.	Poultry.	Rabbits.	Fish.	Shell Fish.	Oysters.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head	Head	Lbs.	Bags.	Number
SLAUGHTER HOUSES.	Abbattoir.....	38677	5092	46 Goat. 8922	518	3578	...	...	...	...
	Bevington Hill	30850	10341	313	...	36	...	...	...	...
	Scotland Road	11714	10264	...	...	390	...	4256	...	...
	Arley Street	2410	...	...	...	180	...	...	...	...
	Bolton Street	...	117	...	...	...	...	...	...	...
	Parliament Street	2536	1121	449	...	...	...	...	...	...
	Finch Place	1027	...	529	...	...	...	...	...	...
	Gelling Street.....	13278	777	...	...	...	...	...	...	...
	Stanley Road	835	...	...	...	320	...	...	...	...
	Brownlow Hill.....	524	178	133	...	...	...	...	...	...
	Upper Milk Street.....	368	...	51	...	90	...	...	...	...
	Lower Milk Street.....	...	...	...	...	455	...	...	...	...
	Hood Street	522	363	...	...	...	44	...	...	...
	Embledon Street	...	...	65	...	...	...	...	...	...
MARKETS.	St. John's Market	1200	1224	362	53	...	456	1028	169133	145 13696
	St. James's Market	1110	331	229	...	30	...	...	138	...
	St. Martin's Market ...	520	...	...	...	...	23	...	550	...
	Gill Street Market.....	...	...	...	...	1968	...	...	...	...
	Cleveland Sq. Market..	...	...	...	...	...	...	...	331	...
OTHER PARTS.	Queen's Square Market	660 Cauliflowers	...	...	...	...	...	...	...	...
	Northumberland Street	1073	...	...	...	...	...	...	...	...
	Coburg Dock	2200	...	...	...	...	...	...	...	...
	Wavertree Road.....	600	...	...	...	...	...	...	...	...
	Park Street.....	587	...	...	...	...	...	...	...	...
	Lodge Lane.....	566	...	...	...	...	...	...	...	...
	Rose Street	530	...	...	...	...	60	3	53583	...
	Myers Street	486	...	...	...	...	...	...	...	...
	Desmond Street.....	470	...	...	...	...	...	...	...	...
	Hill Street	397	...	...	...	...	...	...	...	...
	Foley Street	376	...	...	...	...	...	...	...	...
	Stanhope Street.....	240	...	...	...	...	...	...	...	...
	Ship "Tuscarora"	200	...	...	...	...	...	...	...	...
	Collingwood Dock.....	...	...	540	...	...	...	...	...	105
	Cooper's Row	...	...	...	...	...	...	...	846	...
	Duke's Dock	...	...	...	...	...	...	...	9576	...
	Duncan Street.....	...	...	567	...	...	...	...	...	...
	George's Dock.....	...	...	...	...	...	...	...	6285	...
	Great Charlotte Street.	...	128	...	...	...	...	...	8689	...
	Great Homer Street ...	...	...	...	...	...	...	...	195	1
	Great Howard Street...	...	...	...	...	...	...	...	15000	...
	Leeds Street Railway..	...	...	...	...	...	...	...	224	...
	Lime Street Railway...	...	...	...	...	748	...	...	24112	...
	London Road	...	...	...	...	...	...	...	222	1
	Manesty's Lane.....	...	...	...	...	...	...	...	6331	...
	Marybone	...	...	...	...	...	...	...	345	...
	Midghall Street	...	...	...	...	...	...	...	1087	...
	Myrtle Street	...	...	...	...	214	...	...	...	...
	Police Office	...	...	...	...	120	...	...	...	...
	Queen's Dock.....	...	...	...	...	211	...	...	...	...
Carried forward.....										
		113296	29936	12160	571	8340	516	1098	300903	252 13696

UNWHOLESOME MEAT.—*Continued.*

OTHER PARTS.		Beef.	Veal.	Mutton.	Lamb.	Pork.	Poultry.	Rabbits	Fish.	Shell Fish.	Oysters.
		Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head	Head	Lbs.	Bags.	Number
	Brought forward.....	113296	29936	12160	571	8340	516	1098	300903	252	13696
	Rachel Street	150	Oranges.	...	...	...	...	...	...	...	...
	Roe Street	...	...	...	...	...	...	...	1245	...	...
	Sawney Pope Street....	...	...	...	...	...	...	...	2732	...	...
	Whitechapel	...	...	193	...	84	...	...	...	...	...
	Tithebarn St. Railway.	...	...	...	...	...	...	...	9879	...	...
	Trafalgar Dock	...	...	...	...	...	...	...	5648	...	...
	William Henry Street...	...	...	...	...	...	...	...	332	...	...
Brunswick Station.....	...	...	...	...	...	...	...	1369	1	...	
Gt. Northern Railway.	...	...	...	...	...	...	...	1247	...	...	
Paddington.....	...	...	...	...	48	...	...	...	...	...	
Prescot Street.....	...	...	118	...	150	...	...	...	...	...	
Total.....		113296	29936	12471	571	8622	516	1098	323355	253	13696

SLAUGHTER-HOUSE RETURNS OF CATTLE KILLED IN THE BOROUGH, 1870.

SLAUGHTER HOUSES.		Beasts.	Sheep.	Lambs.	Calves.	Pigs.	Goats.
Public Abattoir.....		27586	177238	...	10550	9729	...
NEW PARTS.	Parliament Street	601	3765	1287	87	219	...
	Gelling Street	898	2464	948	55	7	...
	Corlett Street.....	511	3507	856	2	21	...
	Railway Arches.....	1244	1105	184	...	...	...
	Castle Street	822	3372	902	3	4	...
	Crown Street	334	1779	529	1	7	...
	Wavertree Road.....	...	...	...	...	...	...
	Byles Street.....	303	1797	544	...	...	...
	Back Castle Street.....	140	868	197	...	23	...
	Head Street (1)	130	999	485	4	...	...
	Peel Street	150	983	353	8	...	...
	Browside.....	267	1161	264	...	...	...
	Grinfield Street.....	56	405	84	31	12	...
	Embledon Street.....	407	2297	687	...	121	...
	Knight Street.....	214	1039	198	...	...	...
	Empire Street.....	22	124	...	...	...	...
	Cotter Street	14	...	...	...	2077	...
	Head Street (2)	...	...	...	...	2128	...
	Darnley Street	...	...	...	...	1875	...
OLD PARTS.	Bevington Hill	3046	2992	180	1208	...	...
	Norfolk Street.....	1759	2074	478	...	...	...
	Hood Street.....	1574	5144	2199	358	...	...
	Bolton Street.....	1224	3099	1209	403	2	...
	Upper Milk Street	1496	3940	127	...	5533	...
	Arley Street.....	918	1048	...	...	1325	...
	Stanley Road	1212	3110	548	26	285	...
	Finch Place.....	663	2944	932	81	...	...
	Duke Street Lane	626	1253	395	15	17	...
	Price Street.....	562	1318	394	6	3	...
	Silver Street	910	2528	847	8	2	...
	Benledi Street.....	723	1826	389	...	...	...
	Scotland Road.....	431	821	26	1150	28	...
	Back Commutation Row (1)	449	2856	501	...	...	...
	" " (2)	567	2516	431	3	...	...
	Hodson Street.....	452	1349	240	...	...	...
	Frederick Street.....	361	1540	536	11	22	...
	St. James Street.....	424	1001	212	1	1	...
	Lawton Street.....	254	963	245	67	...	...
	Bachelor Street	240	1538	255	168	...	...
	Bayhorse Lane	246	1780	503	45	...	...
	Brownlow Hill	83	382	95	...	...	...
	Lydia Ann Street	306	2331	967	...	...	...
	Regent Street.....	14	77	...	...	...	...
	Plumbe Street.....	...	...	...	...	3150	...
	Lower Milk Street.....	...	...	...	...	2590	...
	Byrom Street.....	...	...	...	...	1067	...
	Norman Street	...	...	...	...	675	...
	Whitechapel	Not	killing.	...	...	...	...
	Dundee Street	"	"	...	...	...	...
Total in Private Slaughter-houses.....		24643	74095	19227	3741	21194	...
Total in Borough.....		52229	251333	19227	14291	30923	...

SMOTHERED CATTLE.

Beasts.	Sheep.	Pigs.	Number found good.	Number found bad.	Weight of Bad in pounds.
28	4	48	47	33	14361

INSPECTOR OF NUISANCES' REPORT.

Nuisances inspected, complained of by inhabitants ...	...	...	...	...	2,037
„ Reported by District Officers ...	...	...	...	...	24,875
„ Notices issued... ..	...	...	...	...	16,339
„ Informations	...	...	...	...	321
Number fined	...	...	...	...	111
„ withdrawn and acquitted	...	...	...	...	189
Magistrate's Orders to abate	...	...	...	...	21

HOUSE-TO-HOUSE VISITATION DURING THE
YEAR 1870.

Number of Streets examined	...	...	...	...	2,401
„ „ houses examined	...	...	...	...	40,226
„ „ „ found clean	...	...	...	...	35,379
„ „ „ „ dirty and infected with disease	...	...	...	...	4,847
Apartments in Street-houses examined... ..	...	...	...	...	147,420
Number of Courts examined	...	...	...	...	5,185
„ „ houses examined	...	...	...	...	29,973
„ „ „ found clean	...	...	...	...	24,693
„ „ „ „ dirty and infected with disease	...	...	...	...	5,280
Apartments in Court-houses examined... ..	...	...	...	...	88,542
Re-inspection of dirty houses and houses infected with disease	...	...	...	...	28,626
Total number of houses examined	...	...	...	...	98,825

INFECTIOUS DISEASE IN HOUSES.

3,748 Street houses examined contained 6,315 cases.

3,375 Court	„	„	5,962	„
456 Cellars	„	„	665	„

EXAMINATION OF CELLARS FOR THE YEAR 1870.

Number of Streets examined	...	...	...	...	...	...	...	2,202
Street Cellars examined	...	...	...	...	...	...	...	26,148
" " " exempt from the operation of the Act	...	...	...	...	...	...	...	4,385
" " " found empty	...	...	...	...	...	...	...	8,942
" " " occupied with beds	...	...	...	...	...	...	...	1,469
" " " " without beds	...	...	...	...	...	...	...	11,352
Courts examined	...	...	...	...	...	...	...	3,180
Court Cellars examined	...	...	...	...	...	...	...	15,182
" " found empty	...	...	...	...	...	...	...	9,367
" " occupied with beds	...	...	...	...	...	...	...	378
" " occupied without beds	...	...	...	...	...	...	...	5,437
Total number of Cellars inspected	...	...	...	...	...	...	...	41,330
" " found empty	...	...	...	...	...	...	...	18,309
" " occupied with beds	...	...	...	...	...	...	...	1,847
" " " without beds	...	...	...	...	...	...	...	16,789

PROCEEDINGS.

Number of Cellar Notices	...	...	...	...	...	...	...	1,450
" " Informations	...	...	...	...	...	...	...	249
" " Fines	...	...	...	...	...	...	...	185
" " Acquitted and withdrawn	...	...	...	...	...	...	...	58
" " Orders obtained to close	...	...	...	...	...	...	...	6
" Notices to Owners to Whitewash and cleanse Houses in which Infectious Disease has occurred	...	...	...	...	...	...	...	8,321
" " to Occupiers to Whitewash Dirty Houses	...	...	...	...	...	...	...	10,226
" " to Owners to Whitewash Exterior of Courts	...	...	...	...	...	...	...	589
Renewed Notices to Whitewash	...	...	...	...	...	...	...	2,852
Total number of Notices	...	...	...	...	...	...	...	21,988

FINES INFLICTED FOR 1870.

Nuisances	...	...	...	...	...	...	...	...	£61 14 6
Diseased Meat and Slaughter-houses	...	...	...	...	...	...	...	...	38 14 6
Cellars (letting and occupying illegal Cellars)	...	...	...	...	...	...	...	...	29 2 0
Whitewashing (filthy houses and houses infected with disease)	...	...	...	...	...	...	...	...	129 6 0
									£253 17 0

EXAMINATION OF THE STATE OF NEW YORK FOR THE YEAR 1900

Number of State Senators 52
 Number of State Representatives 130
 Number of Members of the Assembly 182
 Number of Members of the Senate 52

NAME	AGE	EDUCATION	PROFESSION	RESIDENCE
ALBION B. BROWN	45	Yale University	Lawyer	New York City
JOHN C. BROWN	40	Yale University	Lawyer	New York City
JOHN D. BROWN	35	Yale University	Lawyer	New York City
JOHN E. BROWN	30	Yale University	Lawyer	New York City
JOHN F. BROWN	25	Yale University	Lawyer	New York City
JOHN G. BROWN	20	Yale University	Lawyer	New York City
JOHN H. BROWN	15	Yale University	Lawyer	New York City
JOHN I. BROWN	10	Yale University	Lawyer	New York City
JOHN J. BROWN	5	Yale University	Lawyer	New York City
JOHN K. BROWN	0	Yale University	Lawyer	New York City

NAME	AGE	EDUCATION	PROFESSION	RESIDENCE
JOHN L. BROWN	45	Yale University	Lawyer	New York City
JOHN M. BROWN	40	Yale University	Lawyer	New York City
JOHN N. BROWN	35	Yale University	Lawyer	New York City
JOHN O. BROWN	30	Yale University	Lawyer	New York City
JOHN P. BROWN	25	Yale University	Lawyer	New York City
JOHN Q. BROWN	20	Yale University	Lawyer	New York City
JOHN R. BROWN	15	Yale University	Lawyer	New York City
JOHN S. BROWN	10	Yale University	Lawyer	New York City
JOHN T. BROWN	5	Yale University	Lawyer	New York City
JOHN U. BROWN	0	Yale University	Lawyer	New York City

NAME	AGE	EDUCATION	PROFESSION	RESIDENCE
JOHN V. BROWN	45	Yale University	Lawyer	New York City
JOHN W. BROWN	40	Yale University	Lawyer	New York City
JOHN X. BROWN	35	Yale University	Lawyer	New York City
JOHN Y. BROWN	30	Yale University	Lawyer	New York City
JOHN Z. BROWN	25	Yale University	Lawyer	New York City
JOHN AA. BROWN	20	Yale University	Lawyer	New York City
JOHN AB. BROWN	15	Yale University	Lawyer	New York City
JOHN AC. BROWN	10	Yale University	Lawyer	New York City
JOHN AD. BROWN	5	Yale University	Lawyer	New York City
JOHN AE. BROWN	0	Yale University	Lawyer	New York City

NAME	AGE	EDUCATION	PROFESSION	RESIDENCE
JOHN AF. BROWN	45	Yale University	Lawyer	New York City
JOHN AG. BROWN	40	Yale University	Lawyer	New York City
JOHN AH. BROWN	35	Yale University	Lawyer	New York City
JOHN AI. BROWN	30	Yale University	Lawyer	New York City
JOHN AJ. BROWN	25	Yale University	Lawyer	New York City
JOHN AK. BROWN	20	Yale University	Lawyer	New York City
JOHN AL. BROWN	15	Yale University	Lawyer	New York City
JOHN AM. BROWN	10	Yale University	Lawyer	New York City
JOHN AN. BROWN	5	Yale University	Lawyer	New York City
JOHN AO. BROWN	0	Yale University	Lawyer	New York City

