

TABLE 5.

Mortality in the several Wards of the City.

Wards.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Centre,	14	20	16	11	11	8	17	13	5	6	17	17	155
East,	3	4	1	4	2	4	5	3	0	3	2	1	32
West,	13	3	4	6	2	13	7	3	3	3	3	2	61
St. Ann's,	44	26	27	16	17	43	52	39	29	24	23	21	361
St. Lawrence,	61	35	43	29	41	42	33	29	23	12	17	24	359
St. James,	32	28	21	22	22	36	13	20	15	15	75	22	261
St. Antoine,	17	19	20	15	20	26	25	15	10	4	10	7	188
St. Mary,	43	23	22	20	21	33	30	34	18	9	9	9	271
St. Louis,	33	28	18	26	17	30	21	35	26	12	16	19	252
	262	186	172	149	153	235	203	190	129	88	112	121	2000

The per centage obtained for the Centre Ward appears most disproportionately high; but we must bear in mind, that this high rate is caused by the deaths at the Hotel Dieu Hospital, which are thus made to bear heavily on the smallest ward population. At the Montreal General Hospital, in the St. Lawrence Ward, there were only 61 deaths during the year, a number affecting the per centage for that district only by a fraction. Judged, then, by the statistics before us, the St. Lawrence Ward is the most unhealthy of the three general suburban divisions of the city, a result most certainly at variance with our preconceived opinions on the matter. Next stands the St. Mary's Ward; and, thirdly, is the Queen's Ward, embracing the St. Ann's, St. Joseph, and St. Antoine Suburbs. We have no doubt, however, that the St. Ann's Suburbs would be found, had we only an accurate return of its population, the most unhealthy suburb about the city. The mortality in it being counterbalanced by the comparative salubrity of the other suburbs comprised in the same municipal division along with it, the whole thus exhibits a low per centage in the table before us, which is we feel persuaded but apparent, and dependant on the cause alluded to.

The proportion of those who die, either before, during or immediately after birth, and included erroneously under the head "still-born," is singularly high for the year. The monthly proportion of these cases stands as follows:

January.....	10	July.....	6
February.....	7	August.....	7
March.....	9	September ...	8
April.....	6	October	5
May.....	9	November ...	6
June.....	9	December....	8—Total, 90.

Intimately connected with this subject is the temperature and barometric pressure. I conclude, therefore, this paper, by an enumeration of the maximum, minimum, and mean, monthly temperatures, and barometric altitudes, deducing finally the means of the year—

TABLE 6.

	Thermometer.			Barometer.		
	Max.	Min.	Mean.	Max.	Min.	Mean.
January.....	+40°	-13°	+17 56	30.50	29.30	29.99
February.....	" 37	" 12	" 11.32	30.50	29.34	30.03
March.....	" 50	" 6	" 33.55	30.50	29.28	29.97
April.....	" 71	+27	" 48.1	30.60	29.60	30.08
May.....	" 88	" 33	" 69.9	30.23	29.45	29.80
June.....	" 96	" 43	" 68.83	30.37	29.60	29.93
July.....	" 96	" 52	" 75.	30.40	29.59	29.91
August.....	" 95	" 54	" 69.	30.29	29.65	29.68
September.....	" 95	" 42	" 66.53	30.47	29.43	29.96
October.....	" 74	" 20	" 43.5	30.77	29.66	30.06
November.....	" 65	" 17	" 38.3	30.66	29.12	30.03
December....	" 38	- 2	" 18.9	30.57	29.22	29.96
Mean.....	+70.41	+21.25	+46.69	30.48	29.35	29.95

Montreal, September 2nd, 1847.

Had we it in our power to enumerate accurately the existing population of the several wards, the deductions would be then rendered extremely valuable. By the Act of the Provincial Legislature incorporating the city, it was originally divided into six wards—the East, Centre, West, St. Mary's, St. Lawrence, and Queen's, and this division held until the obtention of a supplemental Act in 1845; in virtue of which it is now subdivided into nine wards—the St. Mary's Ward being divided into two, the St. Mary's and St. James; the St. Lawrence, into the St. Lawrence and St. Louis; and the Queen's Ward, into the St. Ann's and St. Antoine. The last census of the city was taken in 1844, and the total population was then returned at 44,093 souls. The numbers in the several wards being apportioned as follow:—

West	Ward	.....	2,285
East	"	.....	1,912
Centre	"	.....	1,805
Queen's	"	.....	13,578
St. Lawrence	"	.....	12,285
St. Mary's	"	.....	12,228

44,093

The above return is generally regarded as below the actual population at the time; but, however this may be, I do not think we would be far wrong in estimating it at 50,000 for the year 1846; which would exhibit an increase of 5,907. And this increase may be not inappropriately divided between the suburban districts, as, from the peculiarities of the city districts, no great increase can be looked for in them. Dividing, then, the increase equally between the suburb wards, the respective populations would stand as follow from which we may estimate the rate of mortality in each:—

	Popula- tion.	Mor- tality.	Per Cent.
West Ward.....	2,285.....	61.....	2.66
East Ward.....	1,912.....	32.....	1.67
Centre Ward.....	1,805.....	155.....	8.58
Queen's Ward, { St. Ann's, } { St. Antoine, }	15,547.....	549.....	3.53
St. Lawrence Ward, { St. Lawrence, } { St. Louis, }	14,254.....	671.....	4.70
St. Mary's Ward, { St. James, } { St. Mary's, }	14,197.....	532.....	3.74