

Prevalence of Diabetes in Massachusetts Students Aged 5-14 by County Location of the School, 2007-2008

Table 1. Prevalence of Type 1 Diabetes by County† for the 2007-2008 School Year

County	School Enrollment	Number of Students with 2007-2008 Prevalence Type 1 Diabetes	2007-2008 Prevalence Type 1 Diabetes*	Lower 95% Confidence Interval	Upper 95% Confidence Interval	Statistical Significance**
Barnstable	21157	63	298	231	385	Not Statistically Significantly Different
Berkshire	14387	38	264	187	362	Not Statistically Significantly Different
Bristol	62661	161	257	220	301	Not Statistically Significantly Different
Dukes	3140	6	191	70	417	Not Statistically Significantly Different
Essex	91042	219	241	210	275	Not Statistically Significantly Different
Franklin	10385	24	231	148	344	Not Statistically Significantly Different
Hampden	57640	127	220	184	263	Not Statistically Significantly Different
Hampshire	16827	46	273	200	365	Not Statistically Significantly Different
Middlesex	177286	424	239	217	263	Not Statistically Significantly Different
Nantucket	978	1	102	3	570	Not Statistically Significantly Different
Norfolk	81631	225	276	241	315	Not Statistically Significantly Different
Plymouth	67328	167	248	213	289	Not Statistically Significantly Different
Suffolk	58355	98	168	137	206	Statistically Significantly Lower
Worcester	103893	264	254	225	287	Not Statistically Significantly Different
STATE	766710	1863	243	232	254	---

† County refers to the county in which the school that the child attends is located

\*per 100,000 students

\*\* indicates whether the county prevalence is statistically significantly different from the statewide prevalence. Seemingly large differences may only be different by chance due to small numbers.

Table 2. Prevalence of Type 2 Diabetes by County† for the 2007-2008 School Year

County	School Enrollment	Number of Students with 2007-2008 Prevalence Type 2 Diabetes	2007-2008 Prevalence Type 2 Diabetes*	Lower 95% Confidence Interval	Upper 95% Confidence Interval	Statistical Significance**
Barnstable	21157	5	24	8	55	Not Statistically Significantly Different
Berkshire	14387	1	7	0	39	Not Statistically Significantly Different
Bristol	62661	10	16	8	29	Not Statistically Significantly Different
Dukes	3140	0	0	0	0	Statistically Significantly Lower
Essex	91042	18	20	12	31	Not Statistically Significantly Different
Franklin	10385	0	0	0	0	Statistically Significantly Lower
Hampden	57640	8	14	6	27	Not Statistically Significantly Different
Hampshire	16827	0	0	0	0	Statistically Significantly Lower
Middlesex	177286	18	10	6	16	Not Statistically Significantly Different
Nantucket	978	0	0	0	0	Statistically Significantly Lower
Norfolk	81631	15	18	10	30	Not Statistically Significantly Different
Plymouth	67328	7	10	4	21	Not Statistically Significantly Different
Suffolk	58355	27	46	30	68	Statistically Significantly Higher
Worcester	103893	20	19	12	30	Not Statistically Significantly Different
STATE	766710	129	17	14	20	---

† County refers to the county in which the school that the child attends is located

\*per 100,000 students

\*\* indicates whether the county prevalence is statistically significantly different from the statewide prevalence. Seemingly large differences may only be different by chance due to small numbers

Table 3. Prevalence of All Types of Diabetes Combined by County† for the 2007-2008 School Year

County	School Enrollment	Number of Students with 2007-2008 Prevalence All Types Combined**	2007-2008 Prevalence All Types Combined*	Lower 95% Confidence Interval	Upper 95% Confidence Interval	Statistical Significance***
Barnstable	21157	68	321	251	410	Not Statistically Significantly Different
Berkshire	14387	40	278	199	378	Not Statistically Significantly Different
Bristol	62661	172	274	236	320	Not Statistically Significantly Different
Dukes	3140	6	191	70	417	Not Statistically Significantly Different
Essex	91042	240	264	232	300	Not Statistically Significantly Different
Franklin	10385	24	231	148	344	Not Statistically Significantly Different
Hampden	57640	136	236	199	280	Not Statistically Significantly Different
Hampshire	16827	46	273	200	365	Not Statistically Significantly Different
Middlesex	177286	453	256	233	280	Not Statistically Significantly Different
Nantucket	978	1	102	3	570	Not Statistically Significantly Different
Norfolk	81631	242	296	261	337	Not Statistically Significantly Different
Plymouth	67328	175	260	224	302	Not Statistically Significantly Different
Suffolk	58355	127	218	182	260	Not Statistically Significantly Different
Worcester	103893	293	282	251	317	Not Statistically Significantly Different
STATE	766710	2023	264	252	275	---

† County refers to the county in which the school that the child attends is located

\*per 100,000 students

\*\* includes students with diabetes of an unknown type

\*\*\* indicates whether the county prevalence is statistically significantly different from the statewide prevalence. Seemingly large differences may only be different by chance due to small numbers