

FY13 Demographic Data of Comparable Communities

Community	FY12 Average Single Family Tax Bill (1)		FY11 Per-Pupil Expenditure (2)		FY11 Student Teacher Ratio (2)		FY10 MCAS ELA CPI (3)		FY10 MCAS Math CPI (3)		FY10 Combined SAT (3)		FY12 Teacher Starting Salary with Masters (4)		FY12 Teacher Top Salary with Masters + 30 (4)	
	Amount	Rank	Amount	Rank	Ratio	Rank	Score	Rank	Score	Rank	Score	Rank	Amount	Rank	Amount	Rank
Belmont	\$9,964	8	11,968.83	17	17.0 to 1	18	96.4	6	92.3	7	1835	3	\$48,621	5	\$89,455	7
Brookline	N/A		16,556.38	3	12.7 to 1	4	93.5	18	91.4	12	1743	13	\$48,045	8	\$87,970	9
Concord *MCAS	\$11,564	5	16,637.25	2	13.6 to 1	7	99.2	1	96.7	1	1828	4	\$50,076	1	\$94,809	1
Dedham	\$5,770	18	15,458.82	8	12.7 to 1	4	90.5	20	85.4	19	1508	20	\$50,039	2	\$81,318	17
Dover **MCAS	\$12,390	3	16,495.20	4	10.5 to 1	1	97.6	2	92.9	4	1781	10	\$49,993	3	\$91,161	5
Framingham	\$5,774	17	15,769.16	7	12.7 to 1	4	83.7	21	77.0	21	1570	19	\$47,662	9	\$78,875	20
Holliston	\$6,916	15	12,089.07	16	13.5 to 1	6	94.5	16	90.7	14	1672	16	\$46,055	16	\$86,379	10
Hopkinton	\$8,082	13	12,297.63	15	14.6 to 1	13	96.2	8	91.9	10	1718	14	\$46,142	14	\$82,149	15
Lexington	\$10,441	7	NA		12.2 to 1	2	97.0	4	95.0	2	1894	1	\$46,610	12	\$85,437	11
Medfield	\$8,811	12	11,364.11	20	14.7 to 1	14	95.4	12	90.3	15	1759	12	\$45,912	17	\$83,985	12
Natick	\$6,015	16	12,648.93	14	14.5 to 1	12	94.0	17	90.1	16	1614	17	\$46,834	11	\$80,338	18
Needham	\$8,075	14	13,601.94	13	15.5 to 1	17	94.7	15	91.1	13	1783	9	\$46,104	15	\$83,708	13
Newton	\$8,910	11	16,391.60	6	14.8 to 1	15	94.8	13	92.0	9	1811	7	\$47,070	10	\$88,341	8
Norwood	\$3,862	20	13,616.24	12	12.9 to 1	5	90.7	19	81.7	20	1500	21	\$43,374	21	\$77,364	21
Sherborn **MCAS	\$13,534	2	16,495.20	4	10.5 to 1	1	97.6	2	92.9	4	1781	10	\$49,993	3	\$91,161	5
Walpole	5,740	19	11,691.10	19	15.1 to 1	16	94.8	13	86.9	18	1589	18	\$43,622	20	\$81,894	16
Wayland	\$11,274	6	15,121.16	10	13.9 to 1	9	96.0	10	91.7	11	1827	5	\$46,147	13	\$94,376	2
Wellesley	\$11,860	4	15,421.18	9	13.7 to 1	8	95.6	11	90.0	17	1817	6	\$48,411	6	\$93,272	3
Weston	\$16,643	1	19,359.97	1	12.3 to 1	3	96.2	8	92.1	8	1863	2	\$48,261	7	\$92,065	4
Westwood	\$9,019	10	13,999.00	11	14.1 to 1	10	96.9	5	92.9	4	1714	15	\$44,220	19	\$82,837	14
Winchester	9,557	9	11,821.68	18	14.2 to 1	11	96.3	7	93.2	3	1803	8	\$44,994	18	\$78,991	19

* - Concord-Carlisle

** - Dover-Sherborn

(1) Source: Commonwealth of Massachusetts Department of Revenue Website. Brookline has adopted a residential tax exemption and does not submit sufficient data to determine average tax bill.

(2) Source: Commonwealth of Massachusetts Department of Education Website. Concord is Concord. Dover & Sherborn

(3) Source: Commonwealth of Massachusetts Department of Education Website. 2011 MCAS Data for All Students, All Grades. Test data for Concord is Concord-Carlisle. Test & salary data for Dover & Sherborn is Dover-Sherborn.

(4) Source: Commonwealth of Massachusetts Department of Education Website; school district websites and informal telephone survey of school districts.

Per Pupil Expenditures

The Department of Education (DOE) calculates per pupil expenditures using data provided in the end-of-year pupil and financial reports prepared by each school system. As you can see from the charts on the next three pages, per pupil expenditures in Needham are in the middle of the range of comparable communities offering high quality education programs, and less than the state average. Thus, we offer high value per dollar expended.

Needham Per Pupil Expenditures by Function: FY 2010/11 (Source: Department of Elementary & Secondary Education)

FY11 Expenditures per Pupil by Function	General Fund Approp (1)	Grants & Revolving	All Fund Total	% of Total	Per Pupil Expenditure	State Average
Administration	3,138,951	105,662	3,244,613	4.38	604.68 ⁽²⁾	447.78
Instructional Leadership	4,523,369	766,740	5,290,109	7.14	985.89 ⁽²⁾	829.29
Classroom and Specialist Teachers	25,880,152	1,034,839	26,914,991	36.30	5,016.03 ⁽²⁾	5,022.50
Other Teaching Services	4,594,754	1,038,782	5,633,536	7.60	1,049.90 ⁽²⁾	993.12
Professional Development	766,676	95,345	862,021	1.16	160.65 ⁽²⁾	240.36
Instructional Materials, Equipment and Technology	1,270,977	964,139	2,235,116	3.01	416.55 ⁽²⁾	430.48
Guidance, Counseling and Testing	2,183,848	108,956	2,292,804	3.09	427.30 ⁽²⁾	371.89
Pupil Services	1,525,531	3,244,567	4,770,098	6.43	888.98 ⁽²⁾	1,217.16
Operations and Maintenance	6,336,842	54,966	6,391,808	8.62	1,191.21 ⁽²⁾	1,062.90
Insurance, Retirement Programs and Other	10,889,738	173,237	11,062,975	14.92	2,061.76 ⁽²⁾	2,292.56
Payments To Out-Of-District Schools	3,734,502	1,704,807	5,439,309	7.34	64,218.53 ⁽³⁾	20,490.26
TOTAL EXPENDITURES	64,845,340	9,292,040	74,137,380	100.00	13,601.94 ⁽⁴⁾	13,371.25

(1) Includes School Operating Budget, plus Town expenditures on behalf of the schools.

(2) Based on In-District FTE Average Membership = 5,365.8

(3) Based on Out-of-District FTE Average Membership = 84.7

(4) Based on Total FTE Average Membership = 5,450.5

Trend in Needham Per Pupil Expenditures by Function, FY09 - FY11 (Source: Department of Elementary & Secondary Education)

FY11 Expenditures per Pupil by Function	FY09	FY10	FY11	% Chg 08-09	% Chg 09-10	% Chg 10-11
Administration	2,985,758	3,116,139	3,244,613	9.0%	4.4%	4.1%
Instructional Leadership	4,775,393	5,213,002	5,290,109	0.6%	9.2%	1.5%
Classroom and Specialist Teachers	24,647,893	26,486,854	26,914,991	4.8%	7.5%	1.6%
Other Teaching Services	5,063,669	5,689,440	5,633,536	3.4%	12.4%	-1.0%
Professional Development	736,293	943,401	862,021	-2.2%	28.1%	-8.6%
Instructional Materials, Equipment and Technology	2,062,982	2,298,904	2,235,116	-4.4%	11.4%	-2.8%
Guidance, Counseling and Testing	2,109,763	2,271,321	2,292,804	7.0%	7.7%	0.9%
Pupil Services	4,744,328	4,633,256	4,770,098	3.6%	-2.3%	3.0%
Operations and Maintenance	6,148,844	5,898,670	6,391,808	4.1%	-4.1%	8.4%
Insurance, Retirement Programs and Other	9,773,862	10,619,257	11,062,975	9.6%	8.6%	4.2%
Payments To Out-Of-District Schools	4,632,959	4,508,129	5,439,309	15.6%	-2.7%	20.7%
TOTAL EXPENDITURES	67,681,744	71,678,373	74,137,380	5.4%	5.9%	3.4%
Membership						
in-district fte average membership	5,151.54	5,334.70	5,365.80			
out-of-district fte average membership	73.00	75.70	84.70			
Total average membership, in and out of district	5,224.54	5,410.40	5,450.50			
TOTAL EXPENDITURE PER PUPIL	12,955	13,248	13,602			

Comparative Per Pupil Expenditures, FY01-FY11 (Source: Department of Elementary & Secondary Education)

FY 2000/01 - 2010/11 Comparative Per Pupil Expenditures

<u>Community</u>	<u>FY 01 (1)</u>	<u>FY 02 (2)</u>	<u>FY 03 (2)</u>	<u>FY 04 (2)</u>	<u>FY 05 (3)</u>	<u>FY 06 (3)</u>	<u>FY 07 (3)</u>	<u>FY 08 (3)</u>	<u>FY09 (3)</u>	<u>FY10 (3)</u>	<u>FY11 (3)</u>
Weston	\$11,018	\$10,909	\$11,404	\$12,077	\$14,414	\$16,073	\$16,467	\$17,017	\$18,023	\$18,591	\$19,360
Dover	\$9,942	\$8,603	\$9,856	\$10,253	\$12,786	\$15,559	\$14,615	\$15,084	\$16,591	\$15,646	\$17,607
Concord	\$10,275	\$9,640	\$10,157	\$10,567	\$13,037	\$14,411	\$15,514	\$17,486	\$16,342	\$16,438	\$16,637
Brookline	\$10,550	\$10,268	\$10,578	\$11,107	\$13,836	\$14,929	\$15,098	\$15,431	\$16,847	\$17,090	\$16,556
Newton	\$10,116	\$10,140	\$11,140	\$11,431	\$13,533	\$13,822	\$14,524	\$15,498	\$16,243	\$16,597	\$16,392
Lexington	\$9,568	\$9,482	\$9,686	\$8,797	\$11,929	\$12,600	\$12,768	N/A	\$15,368	\$15,862	NA
Framingham	\$8,986	\$8,945	\$9,699	\$10,518	\$13,681	\$13,621	\$14,169	\$14,621	\$15,373	\$15,675	\$15,769
Dedham	\$8,783	\$8,524	\$8,761	\$9,488	\$11,637	\$12,594	\$13,393	\$13,893	\$14,837	\$14,852	\$15,459
Wellesley	\$9,298	\$9,244	\$9,589	\$9,802	\$11,243	\$11,494	\$12,776	\$13,916	\$14,330	\$15,392	\$15,421
Sherborn	\$9,936	\$8,195	\$9,211	\$8,992	\$10,061	\$15,559	\$12,250	\$12,700	\$14,121	\$15,784	\$15,129
Wayland	\$8,743	\$8,711	\$10,042	\$9,944	\$11,599	\$12,317	\$13,214	N/A	\$14,342	\$15,219	\$15,121
Westwood	\$8,839	\$8,976	\$9,564	\$9,747	\$11,592	\$11,885	\$12,436	\$13,305	\$13,679	\$13,814	\$13,999
Norwood	\$7,598	\$7,246	\$7,894	\$8,004	\$10,648	\$11,028	\$12,052	N/A	\$12,993	\$12,790	\$13,616
Needham	\$8,847	\$8,434	\$8,721	\$9,004	\$10,788	\$11,291	\$12,070	\$12,552	\$12,955	\$13,245	\$13,602
State	\$7,874	\$8,005	\$8,273	\$8,591	\$10,626	\$11,211	\$11,865	\$12,497	\$13,055	\$13,064	\$13,371
Natick	\$8,364	\$8,088	\$9,319	\$8,637	\$10,290	\$11,092	\$11,829	N/A	\$12,926	\$12,910	\$12,649
Hopkinton	\$6,724	\$7,031	\$8,254	\$8,176	\$9,497	\$10,544	\$11,114	\$11,365	\$11,551	\$11,921	\$12,298
Holliston	\$7,081	\$7,437	\$8,055	\$7,938	\$9,524	\$10,193	\$10,856	\$11,217	\$11,604	\$12,186	\$12,089
Winchester	\$8,390	\$7,937	\$8,278	\$8,646	\$9,884	\$10,139	\$10,886	\$10,865	\$11,290	\$11,363	\$11,822
Walpole	\$6,940	\$7,641	\$7,230	\$7,603	\$9,437	\$10,277	\$10,470	\$11,232	\$11,812	\$11,971	\$11,691
Medfield	\$6,046	\$6,114	\$6,517	\$6,761	\$8,082	\$8,597	\$9,472	\$9,967	\$10,542	\$10,741	\$11,364
Average of 20	<u>FY01</u>	<u>FY02</u>	<u>FY 03 (2)</u>	<u>FY 04 (2)</u>	<u>FY 05 (3)</u>	<u>FY 06 (3)</u>	<u>FY 07 (3)</u>	<u>FY 08 (3)</u>	<u>FY09 (3)</u>	<u>FY10 (3)</u>	<u>FY11 (3)</u>
Needham	\$8,896	\$8,551	\$9,154	\$9,337	\$11,339	\$12,345	\$12,754	\$13,450	\$14,039	\$14,341	\$14,498
State Average	8,847	8,434	8,721	9,004	10,788	11,291	12,070	12,552	12,955	13,245	13,602
State Average	8,364	8,005	8,273	8,591	10,626	11,211	11,865	12,497	13,055	13,064	13,371

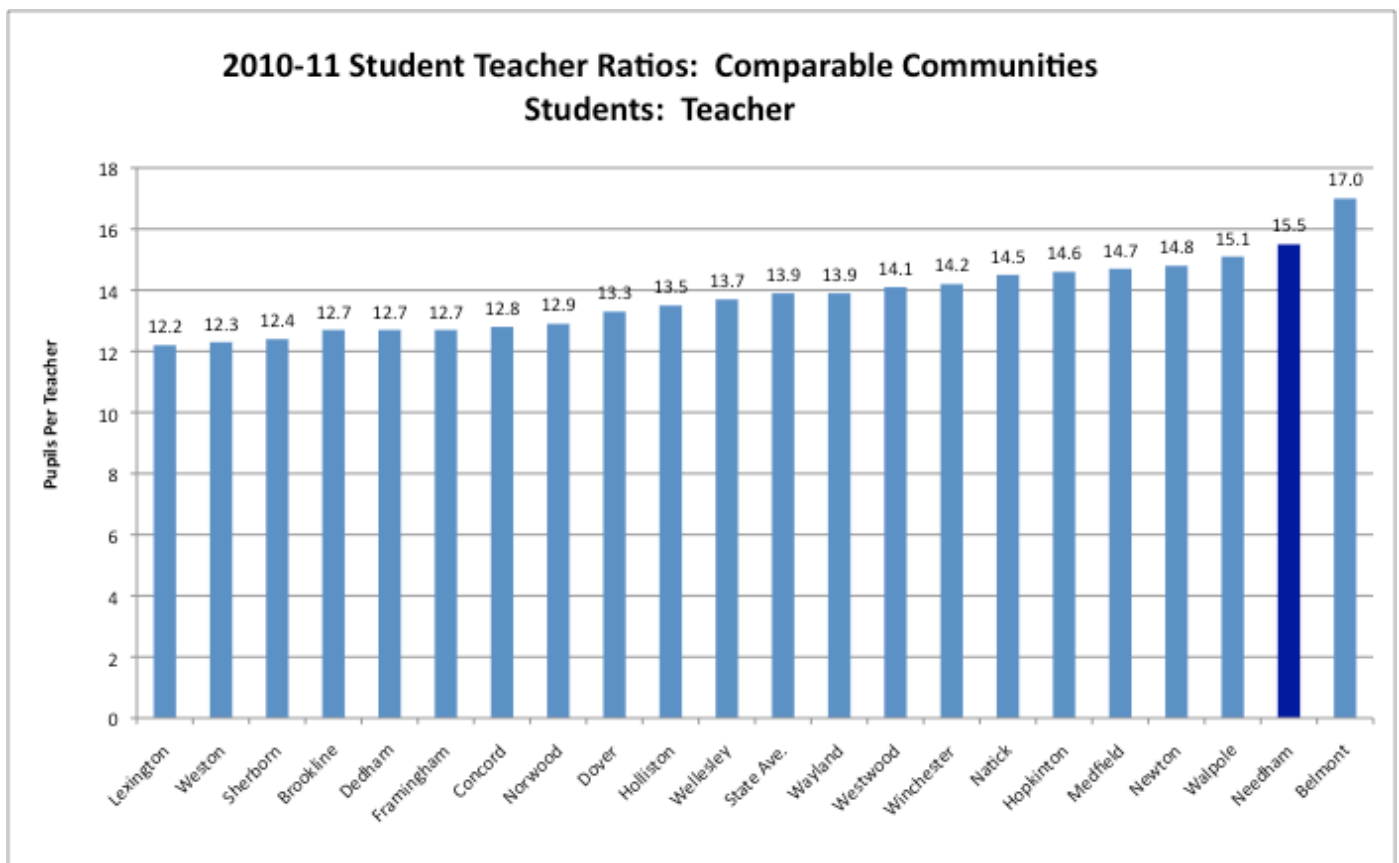
(1) Source: Massachusetts Department of Education. These figures represent "total intergrated education costs" divided by "net average membership," as a measure of "the average cost of education for all children residing in a community, regardless of the district where they attend." Total integrated expenditures include school operating, grant and revolving fund expenditures; all related educational costs incurred by Town Departments (such as benefit and administrative overhead), tuition paid to other schools, and the Minuteman assessment. Net average membership is the sum of pupils in local schools, other public school districts and in special needs day and residential programs.

(2) Source: Massachusetts Department of Education. The integrated Cost Per Pupil calculation was discontinued in FY02. Beginning in FY02, Per Pupil Expenditures exclude children being educated outside of the district. Similarly, tuition, regional district spending, and other payments for out-of-district pupils no longer are factored into the per pupil spending statistic.

(3) Source: Massachusetts Department of Education. Beginning FY05, the per pupil expenditure methodology was changed to include all school-related expenses, including costs for local resident pupils educated out of district and municipal expenses on behalf of the schools. Expenditures also are calculated for specific functional areas.

Staffing Ratios

The high value per dollar expended of Needham education also is demonstrated by the following staffing ratio charts, which show that, in FY10, there are more students assigned to each teacher in Needham, on average, than in most surrounding communities and in the state, overall. Needham's average student to teacher ratio (15.5:1, which includes special education classrooms) also is higher than the state-wide average ratio (13.9:1.) Source: MA Department of Education



Plans of High School Graduates:

Year	Number of Graduates	Four Year Colleges (%)	Two Year Colleges (%)	Military (%)	Work (%)	Other (%)	Gap Yr (%)
2011	328	93.3	1.5	0.0	1.0	2.4	1.8
2010	357	93.4	3.1	0.3	1.0	2.2	0.0
2009	304	93.0	0.7	0.0	1.0	5.2	0.0
2008	339	93.0	1.5	0.6	2.1	2.7	0.0
2007	323	94.0	1.0	0.0	1.0	4.0	0.0
2006	320	93.0	0.9	0.6	1.9	1.6	0.0
2005	332	90.3	3.0	0.6	4.5	1.6	0.0
2004	289	90.3	4.2	0.3	4.1	1.1	0.0
2003	301	92.0	2.7	0.3	3.4	1.6	0.0
2002	260	85.7	5.0	1.5	6.6	1.2	0.0
2001	272	88.2	2.6	3.0	3.3	2.9	0.0

Source: Needham Public Schools, Office of Student Development & Program Evaluation

State and National Testing Results:

Ten Year Comparison of SAT Scores:

Test/ Region	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Writing	This test was first administered in 2006										
Needham						589	591	612	598	610	593
State						510	511	513	510	509	509
National						497	494	494	494	492	489
Critical Reading											
Needham	586	577	577	586	587	586	588	594	594	602	592
State	511	512	516	518	520	513	513	514	514	512	497
National	506	504	507	508	508	503	502	502	501	501	513
Math											
Needham	603	596	596	597	598	594	590	602	603	610	595
State	515	516	522	523	520	524	522	525	526	526	514
National	514	516	519	518	523	518	515	515	515	516	527
Combined											
Needham	1189	1173	1173	1183	1185	1769	1769	1808	1795	1822	1780
State	1026	1028	1038	1041	1040	1547	1546	1552	1550	1547	1520
National	1020	1020	1026	1026	1031	1518	1511	1511	1510	1509	1529

Source: Needham Public Schools, Office of Student Development & Program Evaluation

Massachusetts Comprehensive Assessment System (MCAS) Test Score Summary:

The purpose of the MCAS tests is to increase student achievement and improve instructional practice across all grades. All fourth, eighth, and tenth grade students are required to take these tests under the 1993 Education Reform Law. The tests are based on newly established learning standards for all public schools in the Commonwealth of Massachusetts. The tests were administered for the first time in 1998.

MCAS Language Arts:

Grade/ Year	Enrolled	% Tested	Advanced (%)	Proficient (%)	Needs Imp'vment (%)	Failing/ Warning (%)
10-2011	Needham	100	59	37	2	2
	State	100	33	51	13	3
08-2011	Needham	100	42	52	5	1
	State	100	20	59	15	6
07-2011	Needham	100	35	56	8	1
	State	100	14	59	21	6
06-2011	Needham	100	39	52	8	1
	State	100	17	51	23	9
05-2011	Needham	101	31	54	14	2
	State	100	17	50	24	9
04-2011	Needham	100	13	57	24	6
	State	100	10	43	35	12
03-2011	Needham	100	19	62	16	3
	State	100	11	50	30	9
10-2010	Needham	100	51	42	5	2
	State	100	26	52	18	4
08-2010	Needham	99	32	61	5	1
	State	101	17	61	16	7
07-2010	Needham	100	27	64	7	2
	State	100	11	61	21	7
06-2010	Needham	100	30	59	9	2
	State	99	15	54	21	9
05-2010	Needham	101	27	57	15	2
	State	101	16	47	28	10
04-2010	Needham	101	19	54	26	2
	State	101	11	43	35	12
03-2010	Needham	100	25	58	14	3
	State	101	14	49	30	8
10-2009	Needham	100	59	37	3	1
	State	100	29	52	15	4
08-2009	Needham	100	25	70	4	1
	State	99	15	63	15	6
07-2009	Needham	100	29	61	9	1
	State	100	14	56	23	7
06-2009	Needham	99	31	55	11	2
	State	99	16	50	24	9
05-2009	Needham	99	26	58	14	1
	State	100	15	48	29	8
04-2009	Needham	100	16	53	28	3
	State	99	11	42	35	11
03-2009	Needham	100	21	53	24	2
	State	100	12	45	33	10

Source: Needham Public Schools, Office of Student Development & Program Evaluation

MCAS Mathematics:

Grade/ Year	Enrolled	% Tested	Advanced (%)	Proficient (%)	Needs Imp'vment (%)	Failing/ Warning (%)
10-2011	Needham	100	77	16	4	3
	State	100	48	29	16	7
08-2011	Needham	100	41	39	13	7
	State	101	23	29	27	22
07-2011	Needham	101	43	38	13	7
	State	100	19	32	27	22
06-2011	Needham	100	48	35	12	5
	State	99	26	32	25	16
05-2011	Needham	100	37	39	20	4
	State	100	25	34	26	15
04-2011	Needham	100	24	40	31	5
	State	100	15	32	42	11
03-2011	Needham	100	22	60	15	3
	State	101	14	52	25	10
10-2010	Needham	99	77	15	5	2
	State	99	50	25	17	7
08-2010	Needham	100	46	36	12	6
	State	100	22	29	28	21
07-2010	Needham	100	26	58	11	5
	State	99	14	39	27	19
06-2010	Needham	101	44	35	15	7
	State	100	27	32	25	16
05-2010	Needham	100	39	37	19	5
	State	100	25	30	28	17
04-2010	Needham	100	24	40	33	3
	State	100	16	32	41	11
03-2010	Needham	100	44	38	15	3
	State	100	25	40	24	11
10-2009	Needham	100	80	13	5	2
	State	100	46	28	18	8
08-2009	Needham	100	43	39	13	5
	State	99	20	28	28	23
07-2009	Needham	99	36	39	19	5
	State	100	16	33	30	21
06-2009	Needham	100	39	39	17	5
	State	100	24	33	27	16
05-2009	Needham	100	39	37	21	3
	State	101	22	32	29	18
04-2009	Needham	100	22	43	32	3
	State	100	16	32	41	11
03-2009	Needham	99	33	45	15	6
	State	100	20	40	25	15

Source: Needham Public Schools, Office of Student Development & Program Evaluation

MCAS Science & Technology:

Grade/ Year	Enrolled	% Tested	Advanced (%)	Proficient (%)	Needs Improvement (%)	Failing (%)
05-2011	Needham	100	16	46	33	5
	State	101	14	36	36	15
08-2011	Needham	101	7	46	43	5
	State	100	4	35	42	19
10-2011	Needham	100	40	51	8	1
	State	101	20	47	27	7
05-2010	Needham	100	19	55	25	1
	State	100	15	38	36	11
08-2010	Needham	100	10	54	32	4
	State	100	4	36	41	19
10-2010	Needham	100	38	52	8	2
	State	101	18	47	28	8
05-2009	Needham	100	20	41	36	3
	State	100	17	32	39	12
08-2009	Needham	100	10	54	31	5
	State	100	4	35	40	21
10-2009	Needham	100	46	42	11	1
	State	99	16	45	29	9

Source: Needham Public Schools, Office of Student Development & Program Evaluation

Class of 2011 Profile: Schools Attended by G.P.A. & SAT

5.0-4.75(CR722,M748,W763)

American University
Amherst College (2)
Bates College
Brown University (2)
Carleton College
Colgate University
Cornell University
Harvard University
Northeastern University (2)
Princeton University
University of Notre Dame (2)
University of Richmond
Wesleyan University (2)
Williams College
Yale University

4.74-4.50(CR707,M713,W723)

American University (2)
Bard College
Bates College
Colby College (2)
College of the Holy Cross (2)
College of William and Mary (2)
Colorado College
Cornell University
Fordham University
Franklin W. Olin College of
Engineering (2)
Northwestern University
Skidmore College
The College of Wooster
The George Washington University (2)
Tufts University (2)
Tulane University (2)
University of California at Berkeley
University of Edinburgh (Scotland)
University of Massachusetts, Amherst
University of Michigan
University of Rochester (2)
University of Southern California
Villanova University
Washington University in St. Louis

4.49-4.25(CR650,M668,W660)

Bates College
Bentley University
Boston University
Bridgewater State University
Bucknell University
Carnegie Mellon University
Claremont McKenna College
Connecticut College
Fairfield University

Fashion Institute of Technology
Florida State University
George Mason University
Hobart and William Smith Colleges
Lafayette College (2)
Lehigh University
Merrimack College
New York University (3)
Northeastern University (2)
Oberlin College
Occidental College
Pennsylvania State University
Siddhartha Institute (India)
Skidmore College
Syracuse University
Tufts University
Tulane University
Union College
University of Connecticut
University of Delaware (2)
University of Massachusetts, Amherst
(3)
University of Michigan
University of Vermont
University of Washington
Villanova University
Washington University in St. Louis
Wentworth Institute of Technology
Wesleyan University
Worcester Polytechnic Institute

4.24-4.0 (CR604,M627,W626)

American University
Babson College
Bard College
Boston College (3)
Boston University (2)
Bridgewater State University
Case Western Reserve University
Colby-Sawyer College
Connecticut College
Drexel University
Eckerd College
Elon University
Franklin W. Olin College of
Engineering
Goucher College
Hofstra University
Indiana University at Bloomington
Ithaca College
Marist College
Maryland Institute College of Art
Massachusetts College of Art & Design
Miami University, Oxford (2)

Northeastern University (2)
Pratt Institute
Providence College
Rensselaer Polytechnic Institute
Saint Anselm University
Simmons College
Skidmore College (2)
Smith College
Syracuse University
Temple University
The George Washington University
Tulane University
Union College (2)
University of Colorado at Boulder
University of Delaware (3)
University of Maryland, College Park
(2)
University of Massachusetts, Amherst
(6)
University of Michigan
Wheaton College
Worcester Polytechnic Institute

3.99-3.75 (CR583,M587,W588)

Arizona State University
Binghamton University (2)
Brigham Young University, Idaho
Bryant University
Clemson University
College of Charleston
Elon University
Fairfield University (4)
Global College at Long Island
University
Green Mountain College
Manhattan College
Manhattanville College
Muhlenberg College
Pennsylvania State University,
University Park
Santa Clara University
Suffolk University
Syracuse University
The George Washington University (2)
The University of Arizona
Union College (2)
University of Delaware
University of Massachusetts, Amherst
(7)
University of New Hampshire (2)
University of South Carolina (2)
Wheaton College

Class of 2011 Profile: Schools Attended by G.P.A. & SAT

3.74-3.50(CR573,M569,W564)

Bay State College
Boston University
Brandeis University
Brigham Young University
City University of New York
Fairfield University
Hampshire College
High Point University
Hofstra University
Ithaca College
Keene State College
Massachusetts College of Pharmacy & Health Sciences
New York University
Northeastern University
Ohio Wesleyan University
Rose-Hulman Institute of Technology
Saint Michaels College
University of Delaware
University of Hartford
University of Massachusetts, Amherst (2)
University of New Hampshire
University of Pittsburgh
University of South Carolina
University of Vermont
Wentworth Institute of Technology
Westfield State College

3.49&Below(CR512,M510,W499)

Anna Maria College (2)
Appalachian State University
Bay State College
Becker College
Bridgewater State University
Bryant University (2)
Champlain College
Coastal Carolina University (2)
Colby-Sawyer College
Curry College
Dean College
Emmanuel College (3)
Fairfield University (3)
Fisher College
Framingham State University (2)
Franklin Pierce University (2)
Ithaca College
Johnson & Wales University (4)
Lesley University
Marymount Manhattan College (2)
Massachusetts Bay Community College (2)
Massachusetts College of Art & Design
Massasoit Community College

Merrimack College
Newbury College (2)
Northeastern University
Paine College
Parsons The New School for Design
Quinnipiac University
Roger Williams University (4)
Santa Monica College
Siena College
Southern New Hampshire University
Springfield College
St. John's University – Queens
State University of New York at Albany
Stonehill College
Suffolk University (2)
The College of Wooster
University of Bridgeport
University of Colorado at Boulder
University of Connecticut
University of Hartford
University of Massachusetts, Amherst (2)
University of Massachusetts, Boston (2)
University of Massachusetts, Lowell (2)
University of North Carolina at Charlotte
University of Rhode Island (3)
Westfield State University (3)
Wheelock College (2)

Grants Summary: FY01 – FY11

GRANT SUMMARY	FY '01	FY '02	FY '03	FY '04	FY '05	FY '06	FY '07	FY '08	FY '09	FY '10	FY '11
MA DOE – Entitlement	\$1,311,325	\$1,650,684	\$1,777,928	\$1,780,064	\$1,930,409	\$2,058,483	\$2,177,913	\$2,206,476	\$2,186,856	\$2,203,163	\$2,201,943
MA DOE – ARRA Entitlement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$643,484	\$1,188,803	\$1,287,891
MA DOE - Competitive/Continuation	\$254,165	\$213,975	\$185,789	\$147,838	\$84,047	\$34,805	\$19,600	\$12,700	\$12,100	\$10,900	\$17,300
Other/ Foundation	\$262,774	\$263,078	\$216,412	\$204,240	\$166,950	\$234,555	\$362,597	\$382,454	\$285,061	\$202,446	\$388,450
Total All Grants	\$1,828,264	\$2,127,737	\$2,180,129	\$2,132,142	\$2,181,406	\$2,327,843	\$2,560,110	\$2,601,630	\$3,127,501	\$3,605,312	\$3,895,584
% increase over previous year total	39%	16%	2%	-2%	2%	7%	10.0%	1.6%	20.2%	15.3%	8.1%

GRANT DETAIL

Mass DOE -- State/Federal Entitlement

	FY '01	FY '02	FY '03	FY '04	FY '05	FY '06	FY '07	FY '08	FY '09	FY '10	FY '11
SPED 94-142 (Federal)	377,230	\$562,643	\$688,820	\$825,667	\$956,645	\$1,027,201	\$1,033,324	\$1,059,524	\$1,081,786	\$1,156,627	\$1,196,241
SPED Early Childhood Education	36,010	\$36,777	\$36,735	\$36,443	\$36,215	\$35,967	\$35,971	\$36,007	\$35,079	\$35,108	\$35,177
SPED Supporting Access to the Curriculum	35,939	\$44,850	\$48,015	\$35,952	\$25,121	\$15,000	\$42,752	\$29,885	\$16,417	\$0	\$0
METCO	603,640	\$621,160	\$624,040	\$573,160	\$633,475	\$736,821	\$838,128	\$870,157	\$839,875	\$798,641	\$766,561
TITLE IID – Technology*	12,076	\$12,798	\$7,761	\$5,555	\$5,181	\$3,833	\$1,927	\$2,022	\$2,276	\$2,278	\$0
Title IIA – Improving Educator Quality*			\$85,040	\$84,317	\$80,937	\$80,680	\$79,005	\$79,473	\$82,135	\$82,448	\$81,328
Title V – Innovative Programs*			\$13,200	\$12,936	\$9,862	\$6,776	\$3,396	\$3,460	\$0	\$0	\$0
Title IV -- Safe and Drug Free Schools*	20,806	\$20,276	\$18,488	\$16,897	\$16,014	\$15,390	\$14,679	\$13,384	\$13,628	\$11,809	\$5,476
Title I (academic assistance - low-income students)	85,505	\$171,862	\$209,262	\$140,968	\$106,846	\$96,106	\$80,647	\$80,433	\$81,840	\$88,343	\$89,969
LEP Summer Support/ Title III											\$2,953
Class Size Reduction Program	34,390	\$42,549	Now IIA&V								
SPED Corrective Action							\$12,000				
SPED Program Review (audit prep)					\$6,000						
Early Childhood Curriculum/IEP Study Group			\$3,500								
Early Childhood Increasing Capacity			\$3,285								
Early Childhood Mental Health			\$7,000	\$0							
Limited English Proficient Assessments			\$395								
Title I for Delinquent/Neglected* – Walker School		\$28,337	\$32,387	\$48,169	\$54,113	\$40,709	\$36,084	\$32,131	\$33,820	\$27,909	\$24,238
ARRA - SFSF Recovery Grant									\$643,484	\$580,867	\$457,937
ARRA - IDEA Special Education (School Age)										\$580,984	\$803,002
ARRA - IDEA Special Education (Preschool)										\$26,952	\$26,952
Education Jobs											\$0
Subtotal	\$1,311,325	\$1,650,684	\$1,777,928	\$1,780,064	\$1,930,409	\$2,058,483	\$2,177,913	\$2,206,476	\$2,830,340	\$3,391,966	\$3,489,834

* all federal grants require equitable participation by Needham private schools -- St. Joseph's Elementary and Middle Schools, and Walker School are participating in Title IIA, Title IID, Title IVA, Title V. Walker School also generated an additional Title I appropriation, as noted. St. Sebastian's elected not to participate.

Massachusetts DOE -- State/Federal Competitive

	FY '01	FY '02	FY '03	FY '04	FY '05	FY '06	FY '07	FY '08	FY '09	FY '10	FY '11
Technology Enhancement*			\$119,549	\$119,549							
Academic Support Services (MCAS Tutoring)	36,100	\$28,700	\$31,400	\$3,200	\$2,553	\$3,830	\$4,700	\$12,700	\$12,100	\$10,900	\$9,800
Community Service Learning	16,000	\$16,000	\$16,000	\$10,000	\$12,000						
Full-Day Kindergarten Enhancement	18,000	\$18,000	\$15,840	\$15,089	\$29,494	\$14,975	\$14,900				
Early Childhood Mental Health					\$40,000	\$16,000					
Early Childhood Language & Literacy Development											\$7,500
Project FOCUS: Empowering SPED		\$0	\$3,000								
Subtotal	\$254,165	\$213,975	\$185,789	\$147,838	\$84,047	\$34,805	\$19,600	\$12,700	\$12,100	\$10,900	\$17,300

* Of the \$119,549, \$73,000 supported a West Roxbury/Needham music technology project partnership, with \$27,000 goes to Boston Public Schools for equipment. The remaining \$19,549 was available to the private schools (St. Joseph's Elementary and Middle Schools, Walker School) for NCLB technology initiatives.

Grants Summary: FY01 – FY11 (continued)

OTHER GRANTS	FY '01	FY '02	FY '03	FY '04	FY '05	FY '06	FY '07	FY '08	FY '09	FY '10	FY '11
<u>Corporate</u>											
Mass Insight/Microsoft/Lesley test data analysis software donation			\$60,000								
<u>Higher Education</u>											
Harvard Volunteer Consulting Team	In-kind			In-kind	In-kind						
Olin College			In-kind	In-kind	In-kind	In-kind		In-kind			
<u>Foundation</u>											
MetroWest Community Health Care Foundation	46,000	\$50,000		\$35,135	\$10,000	\$55,000	\$55,000	\$55,000	\$25,000	\$0	\$59,500
Metrowest Obesity Grant							\$32,650				
Needham Education Foundation Spring grants	73,174	\$44,376	\$75,135	\$57,710	\$38,754	\$32,252	\$30,923	\$26,769	\$57,592	\$29,191	\$73,410
Needham Education Foundation Autumn grants				\$22,791	\$33,477	\$28,941	\$39,207	\$65,240	\$40,342	\$51,895	\$28,276
Needham Education Foundation large grants	28,100	\$15,000	\$15,000	\$30,000	\$26,115	\$54,313	\$30,000	\$45,000	\$13,927	\$0	\$61,394
Needham Education Foundation Collaborative Init.							\$10,000	\$10,000	\$0	\$0	\$0
Needham Education Found Out of Cycle							\$9,000				
Jason Foundation		In-kind	In-kind	In-kind	In-kind						
MA Biotechnology Ed Found BioTech Award							\$8,800	\$1,200	\$0	\$0	\$0
Smart Technologies							\$22,872				
Needham Cong Church-Steps to Success							\$18,000	\$23,600	\$0	\$0	\$0
<u>Norfolk County District Attorney's Office</u>											
Post-Graduation Safe Activities		\$250	\$250				\$250	\$250	\$0	\$0	\$0
<u>MA Department of Public Health</u>											
Enhanced School Health Services	106,000	\$106,000	\$66,027	\$58,604	\$58,604	\$64,049	\$72,395	\$72,395	\$148,000	\$121,360	\$121,360
DPH Public Health (Pass Through)								\$25,000	\$0	\$0	\$0
<u>U.S. Department of Education</u>											
Project SERV – Suicide							\$25,500				
<u>U.S. Environmental Protection Agency</u>											
Environmental Education - Science Center											\$44,510
<u>MA Cultural Council</u>											
Creative Schools Program		\$11,452					\$8,000	\$8,000			
Yellow Bus									\$200		
MA Travel & Tourism (Riverside Contract								\$50,000			
Subtotal	\$262,774	\$263,078	\$216,412	\$204,240	\$166,950	\$234,555	\$362,597	\$382,454	\$285,061	\$202,446	\$388,450

Revolving (Fee-Based) Funds: FY09 – FY11

REVOLVING FUND	FY09 CURRENT REVENUE	FY09 TOTAL EXPENDED	FY09 ENDING BALANCE	FY10 CURRENT REVENUE	FY10 TOTAL EXPENDED	FY10 ENDING BALANCE	FY11 CURRENT REVENUE	FY11 TOTAL EXPENDED	FY11 ENDING BALANCE	NOTE
FEE BASED TRANSPORTATION	474,726	457,415	460,620	439,593	420,384	479,828	498,077	454,338	523,567	(1)
PRODUCTION CENTER FEE-BASED	12,559	15,410	7,005	13,365	-	20,370	11,547	31,384	534	
BROADMEADOW LEASE	9,592	9,592	0	9,304	9,304	0	9,629	9,629	0	
BROADMEADOW BOOK/EQUIPMENT	-	-	0	-	-	0	-	-	0	
ELIOT LEASE	7,031	7,031	0	7,192	7,192	0	8,734	8,734	0	
ELIOT BOOK/EQUIPMENT SALES	705	646	398	604	539	463	781	795	449	
HILLSIDE LESLEY INTERNS	43,500	29,573	16,865	28,120	39,746	5,239	47,720	48,470	4,488	
HILLSIDE BOOK/EQUIPMENT SALES	-	-	-	-	-	-	603	-	603	
MITCHELL LEASE	12,260	11,860	400	12,709	13,109	-	13,488	13,488	0	
NEWMAN LEASE	13,590	13,817	1	15,617	15,617	1	10,266	10,266	1	
NEWMAN BOOK/EQUIPMENT SALE	946	909	38	911	-	948	932	949	932	
HIGH ROCK LOST BOOKS	Reallocate from Pollard		162	-	-	162	28	-	190	
HIGH ROCK OVERNIGHT CAMP	93,374	88,809	4,568	93,952	98,366	154	107,496	107,426	224	
HIGH ROCK BOOK/EQUIPMENT SALES	Reallocate from Pollard		1,474	2,060	-	3,534	2,125	1,626	4,034	
POLLARD JAPAN EXCHANGE	1,490	3,333	662	-	-	662	-	-	662	
POLLARD BOOK/EQUIPMENT SALES	9,961	5,569	2,948	3,551	3,324	3,175	4,735	3,562	4,348	
POLLARD LOST BOOKS	709	2,500	324	759	341	742	961	100	1,603	
HIGH SCHOOL TESTING	50,025	48,457	8,757	53,941	53,560	9,138	48,419	53,107	4,450	
HIGH SCHOOL BOOK/EQUIPMENT SALES	7,651	7,605	1,154	5,770	5,703	1,220	6,620	6,573	1,267	
HIGH SCHOOL LOCKERS	-	3,238	1,004	-	-	1,004	-	-	1,004	
HIGH SCHOOL TEXTBOOK RECOVERY	2,495	4,872	6,273	2,788	3,571	5,490	926	2,296	4,119	
HIGH SCHOOL PARKING	-	2,138	2,687	4,376	6,060	1,003	6,025	4,892	2,136	
HIGH SCHOOL NON-RESIDENT TUITION	16,928	1,277	15,863	-	5,286	10,577	8,535	9,100	10,012	
SPED OUT-OF-DISTRICT TUITION	48,455	48,460	279	22,548	17,748	5,079	4,756	9,556	279	
SPED NON-RESIDENT TUITION	65,927	63,952	2,158	74,100	64,261	11,998	81,370	69,081	24,286	
INTEGRATED PRESCHOOL	176,721	132,416	46,459	296,564	235,184	107,838	216,714	221,630	102,922	(2)
SCIENCE CENTER	20	220	1,270	-	285	985	-	50	935	
MEDIA RECOVERY	2,186	1,115	2,371	2,143	2,274	2,240	3,766	1,388	4,618	
SCH PERFORMING GROUPS	38,799	25,007	30,235	20,083	13,350	36,968	19,131	28,273	27,825	
FEE-BASED ARTS INSTRUCTION	212,135	229,192	8,470	191,714	194,203	5,981	193,298	180,288	18,991	
FINE & PERFORMING ARTS SALES TO STUDENTS	(379)	15,941	8,170	9,315	12,616	4,868	19,272	18,410	5,730	
GRAPHIC ARTS	54,350	62,031	37,035	59,577	61,927	34,685	66,985	64,118	37,552	
MUSICAL	21,877	21,186	12,911	18,197	17,355	13,754	27,270	26,202	14,822	
WORLD LANGUAGES FEE-BASED	2,906	2,011	1,066	5,733	6,766	34	5,285	5,307	11	
KINDERGARTEN AFTER SCHOOL ENRICH (KASE)	973,343	770,250	782,034	884,363	906,627	759,769	794,559	1,002,536	551,793	(3)
ELEMENTARY AFTER SCHOOL ENRICH (EASE)	85,898	84,811	19,185	92,374	103,181	8,379	121,969	113,972	16,376	
POLLARD AFTER SCHOOL ENRICH (PAS)	62,186	54,129	10,067	65,421	68,308	7,180	79,474	71,692	14,962	
SUMMER SCHOOL	206,983	164,400	207,832	237,653	174,649	270,836	259,494	213,545	316,784	(4)
TUTORING	-	-	525	225	-	750	80	-	830	
SUMMER SPORTS CLINICS	-	-	-	15,705	1,019	14,686	11,850	4,751	21,784	
METCO REVOLVING FUND	1,200	9,729	5,389	935	3,310	3,014	1,535	2,999	1,549	
METCO SUMMER SCHOOL	100	1,261	39	-	-	39	-	-	39	

Revolving (Fee-Based) Funds: FY09 – FY11 (continued)

REVOLVING FUND	FY09 CURRENT REVENUE	FY09 TOTAL EXPENDED	FY09 ENDING BALANCE	FY10 CURRENT REVENUE	FY10 TOTAL EXPENDED	FY10 ENDING BALANCE	FY11 CURRENT REVENUE	FY11 TOTAL EXPENDED	FY11 ENDING BALANCE	NOTE
HIGH SCHOOL ATHLETICS	416,398	416,565	41,379	422,754	374,616	89,517	482,736	487,573	84,680	
FOOD SERVICES	1,825,725	1,858,945	887,663	1,930,412	1,822,494	995,581	1,950,948	1,823,442	1,123,087	(5)
ADULT EDUCATION	229,907	203,232	81,618	223,276	228,666	76,228	255,027	267,420	63,836	
STAFF DEVELOPMENT	24,815	21,613	12,414	13,793	5,128	21,078	15,715	13,127	23,666	
GRAND TOTAL REVOLVING	5,207,093	4,900,515	2,729,769	5,281,495	4,996,068	3,015,196	5,398,880	5,392,097	3,021,979	

(1) Transportation balance represents fee pre-collection for next fiscal year. Fund also requires fund balance equivalent

0

(2) Preschool balance represents fee pre-collections for summer and next fiscal year programs.

(3) KASE fund balance includes assigned balances: \$54,000 fee precollections, 3 months operations (\$274,497), Bus Contingency (\$23,800), 0.5 SPED Aide (\$17,000), School relocation expenses (\$20,000), FY13 fee offset (\$67,446)

(4) Summer School fund balance represents pre-collection of fee revenues for summer classes in next fiscal year.

(5) Food Services fund balance restricted for 3 mo operating reserves (\$593,739), revenue precollections (93,149). Balance to be used to replace kitchen equipment Newman School (\$132,900 - \$185,000), other equipment replacement.

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