

# FY13 Demographic Data of Comparable Communities

Community	FY13 Average Single Family Tax Bill (1)		FY12 Per-Pupil Expenditure (2)		FY12 Student Teacher Ratio (2)		FY12 MCAS ELA CPT (3)		FY12 MCAS Math CPT (3)		FY12 Combined SAT (3)		FY12 Teacher Starting Salary with Masters (4)		FY12 Teacher Top Salary with Masters + \$0 (4)	
	Amount	Rank	Amount	Rank	Ratio	Rank	Score	Rank	Score	Rank	Score	Rank	Amount	Rank	Amount	Rank
Belmont	\$10,359	8	12,259.18	16	17.0 to 1	18	96.3	4	92.8	7	1789	8	\$46,621	5	\$89,455	7
Brookline	N/A	5	16,625.83	5	13.8 to 1	9	93.7	17	90.9	12	1792	7	\$48,045	8	\$87,970	9
Concord	\$11,802	5	N/A	18	12.8 to 1	5	95.3	8	92.7	8	1774	9	\$50,076	1	\$94,809	1
Dedham	\$5,937	18	13,039.79	14	12.3 to 1	4	90.3	18	86.9	16	1499	17	\$50,039	2	\$81,318	17
Dover	\$12,790	3	18,312.66	7	12.3 to 1	4	97.6	4	92.9	6	1819	4	\$49,993	3	\$91,161	5
Frammingham	\$5,783	19	15,994.56	2	12.9 to 1	6	82.4	20	74.7	21	1585	16	\$47,662	9	\$78,875	20
Holliston	\$7,080	15	N/A	15	13.3 to 1	8	95.3	8	90.9	12	1662	13	\$46,055	16	\$86,379	10
Hopkinton	\$8,285	14	12,472.44	15	14.1 to 1	11	96.1	5	93.4	4	1703	12	\$46,142	14	\$82,149	15
Lexington	\$10,906	6	16,725.67	4	12.1 to 1	3	96.8	2	95.0	4	1886	2	\$46,610	12	\$85,437	11
Medford	\$8,859	12	11,827.55	18	14.7 to 1	13	95.1	10	90.0	16	1761	10	\$45,912	17	\$83,985	12
Natick	\$6,216	17	13,369.90	13	14.7 to 1	13	93.8	16	89.5	17	1632	15	\$46,834	11	\$80,338	18
<b>Needham</b>	<b>\$8,416</b>	<b>13</b>	<b>13,858.03</b>	<b>11</b>	<b>15.4 to 1</b>	<b>17</b>	<b>94.5</b>	<b>13</b>	<b>90.9</b>	<b>12</b>	<b>1757</b>	<b>11</b>	<b>\$46,104</b>	<b>15</b>	<b>\$83,708</b>	<b>13</b>
Newton	\$8,910	11	16,399.89	6	15.4 to 1	17	94.6	12	91.8	10	1796	6	\$47,070	10	\$88,341	8
Norwood	\$4,034	20	13,469.07	12	13.1 to 1	7	90.1	19	82.9	20	1464	18	\$43,374	21	\$77,364	21
Sherborn	\$13,883	2	16,818.29	3	11.7 to 1	1	94.4	14	94.0	2	1819	3	\$49,993	3	\$91,161	5
Walpole	6,231	16	12,020.72	17	14.9 to 1	15	94.3	15	86.7	19	1590	14	\$43,622	20	\$81,894	16
Weyland	\$10,529	7	15,902.28	8	14.2 to 1	12	95.0	11	91.8	9	1802	5	\$46,147	13	\$94,376	2
Wellesley	\$12,186	4	15,084.73	9	13.9 to 1	10	95.6	7	90.3	15	1885	1	\$46,411	6	\$93,272	3
Weston	\$16,921	1	19,915.20	1	11.9 to 1	2	96.3	4	92.2	9	1853	3	\$48,261	7	\$92,065	4
Westwood	\$9,287	10	14,197.49	10	15 to 1	16	96.7	3	93.3	5	1663	14	\$44,220	19	\$82,837	14
Winchester	9,839	9	11,953.82	17	14.8 to 1	14	95.9	6	93.5	3	1802	5	\$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 are Dover-Sherborn.

(3) Source: Commonwealth of Massachusetts Department of Education Website. 2012 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 2011/12 (Source: Department of Elementary & Secondary Education)

FY12 Expenditures per Pupil by Function	General Fund Approp (1)	Grants & Revolving	All Fund Total	% of Total	Per Pupil Expenditure	State Average
Administration	3,204,851	68,428	3,273,279	4.28%	601.96 (2)	471.03
Instructional Leadership	4,543,853	1,062,537	5,606,390	7.33%	1,031.02 (2)	850.53
Classroom and Specialist Teachers	26,772,317	1,061,490	27,833,807	36.41%	5,118.67 (2)	5,114.16
Other Teaching Services	4,311,838	1,343,399	5,655,237	7.40%	1,040.01 (2)	1,031.82
Professional Development	824,116	99,521	923,637	1.21%	169.86 (2)	237.71
Instructional Materials, Equipment and Technology	1,254,777	913,608	2,168,385	2.84%	398.77 (2)	379.07
Guidance, Counseling and Testing	2,194,480	112,843	2,307,323	3.02%	424.32 (2)	385.03
Pupil Services	1,503,604	3,432,814	4,936,418	6.46%	907.81 (2)	1,263.13
Operations and Maintenance	6,171,130	88,598	6,259,728	8.19%	1,151.17 (2)	1,038.76
Insurance, Retirement Programs and Other	11,376,358	218,386	11,594,744	15.17%	2,132.29 (2)	2,375.09
Payments To Out-Of-District Schools	4,277,140	1,618,642	5,895,782	7.71%	74,724.74 (3)	21,457.47
<b>TOTAL EXPENDITURES</b>	<b>66,434,464</b>	<b>10,020,266</b>	<b>76,454,730</b>	<b>100.00</b>	<b>13,859.03 (4)</b>	<b>13,658.38</b>

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

(2) Based on In-District FTE Average Membership = 5,437.7

(3) Based on Out-of-District FTE Average Membership = 78.9

(4) Based on Total FTE Average Membership = 5160.6

Trend in Needham Per Pupil Expenditures by Function, FY10 – FY12 (Source: Department of Elementary & Secondary Education)

FY12 Expenditures per Pupil by Function	FY10	FY11	FY12	% Chg 09-10	% Chg 10-11	% Chg 11-12
Administration	3,116,139	3,244,613	3,273,279	4.4%	4.1%	0.9%
Instructional Leadership	5,213,002	5,290,109	5,606,390	9.2%	1.5%	6.0%
Classroom and Specialist Teachers	26,486,854	26,914,991	27,833,807	7.5%	1.6%	3.4%
Other Teaching Services	5,689,440	5,633,536	5,655,237	12.4%	-1.0%	0.4%
Professional Development	943,401	862,021	923,637	28.1%	-8.6%	7.1%
Instructional Materials, Equipment and Technology	2,298,904	2,235,116	2,168,385	11.4%	-2.8%	-3.0%
Guidance, Counseling and Testing	2,271,321	2,292,804	2,307,323	7.7%	0.9%	0.6%
Pupil Services	4,633,256	4,770,098	4,936,418	-2.3%	3.0%	3.5%
Operations and Maintenance	5,898,670	6,391,808	6,259,728	-4.1%	8.4%	-2.1%
Insurance, Retirement Programs and Other	10,619,257	11,062,975	11,594,744	8.6%	4.2%	4.8%
Payments To Out-Of-District Schools	4,508,129	5,439,309	5,895,782	-2.7%	20.7%	8.4%
<b>TOTAL EXPENDITURES</b>	<b>71,678,373</b>	<b>74,137,380</b>	<b>76,454,730</b>	<b>5.9%</b>	<b>3.4%</b>	<b>3.1%</b>
Membership						
in-district fte average membership	5,334.70	5,365.80	5437.7			
out-of-district fte average membership	75.70	84.70	78.9			
Total average membership, in and out of district	5,410.40	5,450.50	5516.60			
<b>TOTAL EXPENDITURE PER PUPIL</b>	<b>13,248</b>	<b>13,602</b>	<b>13859</b>			

Comparative Per Pupil Expenditures, FY02-FY12 (Source: Department of Elementary & Secondary Education)

FY 2001/02 - 2011/12 Comparative Per Pupil Expenditures

Community	FY 02 (2)	FY 03 (2)	FY 04 (2)	FY 05 (3)	FY 06 (3)	FY 07 (3)	FY 08 (3)	FY 09 (3)	FY 10 (3)	FY 11 (3)	FY 12 (3)
Weston	\$10,909	\$11,404	\$12,077	\$14,414	\$16,073	\$16,467	\$17,017	\$18,023	\$18,591	\$19,352	\$19,915
Dover	\$8,603	\$9,856	\$10,253	\$12,786	\$15,559	\$14,615	\$15,084	\$16,591	\$15,646	\$17,607	\$18,313
Sherborn	\$8,195	\$9,211	\$8,992	\$10,061	\$15,559	\$12,250	\$12,700	\$14,121	\$15,784	\$15,129	\$16,818
Concord	\$9,640	\$10,157	\$10,567	\$13,037	\$14,411	\$15,514	\$17,486	\$16,342	\$16,438	\$16,637	NA
Lexington	\$9,482	\$9,686	\$8,797	\$11,929	\$12,600	\$12,768	N/A	\$15,368	\$15,862	\$16,552	\$16,726
Brookline	\$10,268	\$10,578	\$11,107	\$13,836	\$14,929	\$15,098	\$15,431	\$16,847	\$17,090	\$16,556	\$16,626
Newton	\$10,140	\$11,140	\$11,431	\$13,533	\$13,822	\$14,524	\$15,498	\$16,243	\$16,597	\$16,397	\$16,400
Dedham	\$8,524	\$8,761	\$9,488	\$11,637	\$12,594	\$13,393	\$13,893	\$14,837	\$14,852	\$15,459	\$16,040
Framingham	\$8,945	\$9,699	\$10,518	\$13,681	\$13,621	\$14,169	\$14,621	\$15,373	\$15,675	\$15,769	\$15,995
Wayland	\$8,711	\$10,042	\$9,944	\$11,599	\$12,317	\$13,214	N/A	\$14,342	\$15,219	\$15,156	\$15,902
Wellesley	\$9,244	\$9,589	\$9,802	\$11,243	\$11,494	\$12,776	\$13,916	\$14,330	\$15,392	\$15,421	\$15,085
Westwood	\$8,976	\$9,564	\$9,747	\$11,592	\$11,885	\$12,436	\$13,305	\$13,679	\$13,814	\$13,999	\$14,197
Needham	\$8,434	\$8,721	\$9,004	\$10,788	\$11,291	\$12,070	\$12,552	\$12,955	\$13,248	\$13,602	\$13,859
State	\$8,005	\$8,273	\$8,591	\$10,626	\$11,211	\$11,865	\$12,497	\$13,055	\$13,048	\$13,357	\$13,658
Nonwood	\$7,246	\$7,894	\$8,004	\$10,648	\$11,028	\$12,052	N/A	\$12,993	\$12,778	\$13,558	\$13,469
Natick	\$8,088	\$9,319	\$8,637	\$10,290	\$11,092	\$11,829	N/A	\$12,926	\$12,910	\$12,649	\$13,370
Hopkinton	\$7,031	\$8,254	\$8,176	\$9,497	\$10,544	\$11,114	\$11,365	\$11,551	\$11,921	\$12,298	\$12,472
Holliston	\$7,437	\$8,055	\$7,938	\$9,524	\$10,193	\$10,856	\$11,217	\$11,604	\$12,186	\$12,089	NA
Walpole	\$7,641	\$7,230	\$7,603	\$9,437	\$10,277	\$10,470	\$11,232	\$11,812	\$11,971	\$11,691	\$12,021
Winchester	\$7,937	\$8,278	\$8,646	\$9,884	\$10,139	\$10,886	\$10,865	\$11,290	\$11,363	\$11,822	\$11,954
Medfield	\$6,114	\$6,517	\$6,761	\$8,082	\$8,597	\$9,472	\$9,967	\$10,542	\$10,741	\$11,298	\$11,828
Average of 20	\$8,578	\$9,198	\$9,375	\$11,375	\$12,401	\$12,799	\$13,509	\$14,089	\$14,404	\$14,652	\$15,055
Needham	\$8,434	\$8,721	\$9,004	\$10,788	\$11,291	\$12,070	\$12,552	\$12,955	\$13,248	\$13,602	\$13,859
State Average	\$8,005	\$8,273	\$8,591	\$10,626	\$11,211	\$11,865	\$12,497	\$13,055	\$13,048	\$13,357	\$13,658

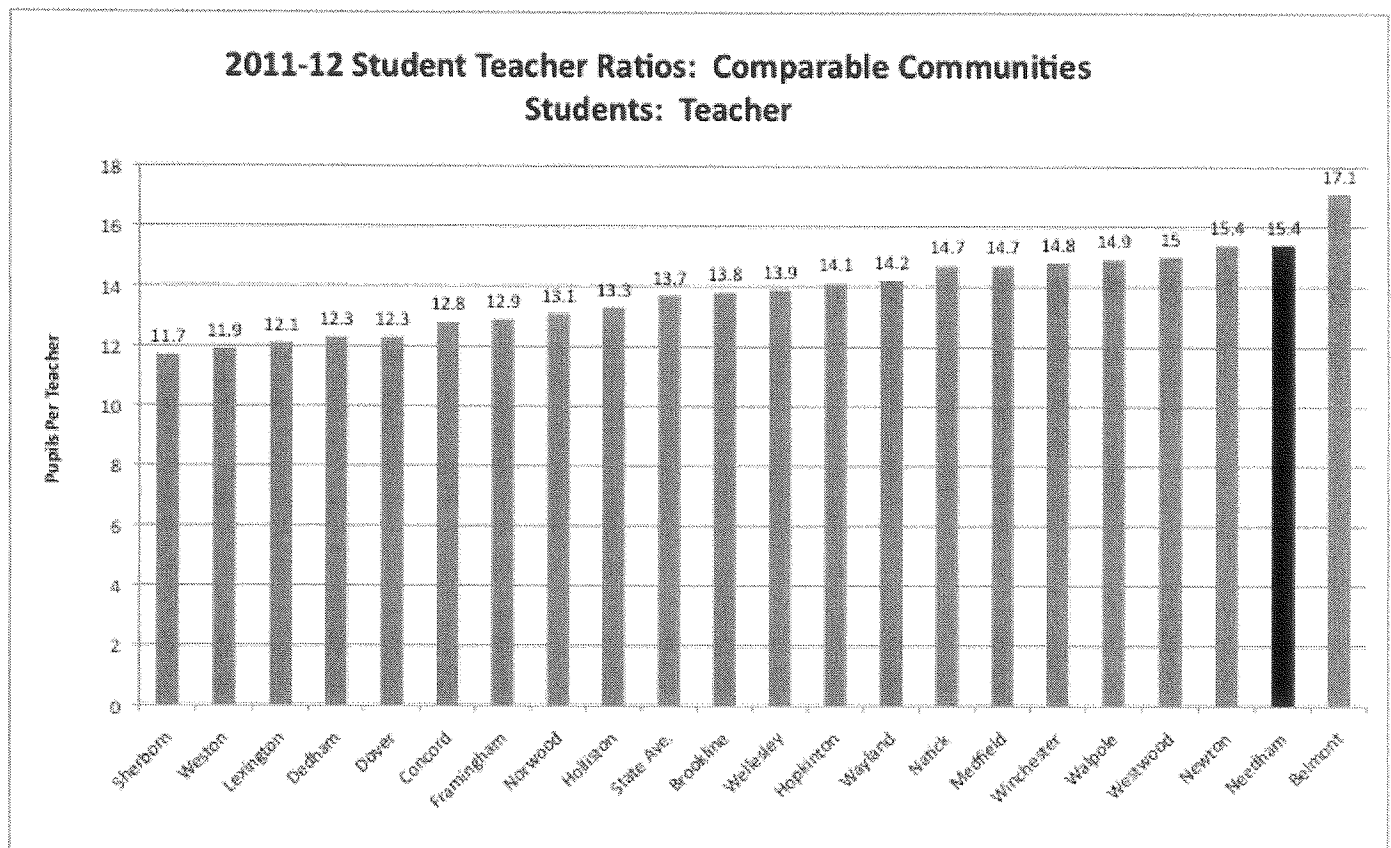
(1) Source: Massachusetts Department of Education. These figures represent "total integrated education costs" divided by "net average membership," as a measure of "the average cost of education for all children residing in a community, regardless of the district where they attend." Total integrated expenditures 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 FY12, 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 (15.4:1, which includes special education classrooms) also is higher than the state-wide average ratio (13.7:1.) 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 (%)
2012	349	91.4	1.4	0.9	2.9	2.0	1.4
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

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

## State and National Testing Results:

### Ten Year Comparison of SAT Scores:

Test/ Region	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Writing	This test was first administered in 2006										
Needham					589	591	612	598	610	593	583
State					510	511	513	510	509	509	508
National					497	494	494	494	492	489	488
Critical Reading											
Needham	577	577	586	587	586	588	594	594	602	592	582
State	512	516	518	520	513	513	514	514	512	497	513
National	504	507	508	508	503	502	502	501	501	513	496
Math											
Needham	596	596	597	598	594	590	602	603	610	595	594
State	516	522	523	520	524	522	525	526	526	523	530
National	516	519	518	523	518	515	515	515	516	514	514
Combined											
Needham	1173	1173	1183	1185	1769	1769	1808	1795	1822	1780	1779
State	1028	1038	1041	1040	1547	1546	1552	1550	1547	1529	1555
National	1020	1026	1026	1031	1518	1511	1511	1510	1509	1516	1498

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 <sup>▼</sup>	Enrolled	% Tested	Advanced (%)	Proficient (%)	Needs Imp'vment (%)	Failing/ Warning (%)
10-2012	Needham	99	69	29	2	1
	State	98	37	51	9	3
08-2012	Needham	99	31	61	6	1
	State	99	18	63	14	6
07-2012	Needham	99	38	55	6	1
	State	99	15	56	21	7
06-2012	Needham	100	36	52	11	2
	State	100	18	48	22	11
05-2012	Needham	100	26	54	16	5
	State	100	17	44	28	11
04-2012	Needham	99	18	52	25	6
	State	100	13	44	30	14
03-2012	Needham	100	24	57	16	2
	State	100	15	46	30	9
Grade/ Year <sup>▼</sup>	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	100	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

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

# MCAS Mathematics:

Grade/ Year	Enrolled	% Tested	Advanced (%)	Proficient (%)	Needs Imp'vment (%)	Failing/ Warning (%)
10-2012	Needham	99	82	13	4	1
	State	98	50	28	15	7
08-2012	Needham	98	37	37	18	7
	State	99	22	30	28	19
07-2012	Needham	100	47	37	12	4
	State	99	20	31	30	18
06-2012	Needham	100	45	34	14	6
	State	100	27	33	24	16
05-2012	Needham	100	39	34	20	7
	State	100	25	32	26	17
04-2012	Needham	100	22	46	25	7
	State	100	16	35	36	12
03-2012	Needham	100	44	33	17	5
	State	100	27	34	25	14
10-2011	Needham	100	77	16	4	3
	State	100	48	29	16	7
08-2011	Needham	100	41	39	13	7
	State	100	23	29	27	22
07-2011	Needham	99	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

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	22	43	30	5
	State	100	22	30	34	14
08-2011	Needham	98	10	61	23	6
	State	99	5	38	38	20
10-2011	Needham	100	45	46	8	0
	State	99	24	45	25	6
05-2011	Needham	100	16	46	33	5
	State	100	14	36	36	15
08-2011	Needham	99	7	46	43	5
	State	100	4	35	42	19
10-2011	Needham	100	40	51	8	1
	State	100	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 2012 Profile: Schools Attended by G.P.A. & SAT

## 4.75-5.00 (CR743, M754, WR757)

Boston College  
 Brown University (2)  
 Columbia University  
 Dartmouth College  
 Duke University (2)  
 Hamilton College  
 Harvard University  
 Massachusetts Institute of Technology  
 Middlebury College  
 Mount Holyoke College  
 New York University  
 Northwestern University  
 Tufts University  
 University of California at Berkeley  
 University of Chicago  
 University of Michigan  
 University of Pennsylvania  
 Wesleyan University (2)  
 Worcester Polytechnic Institute

## 4.74-4.50 (CR690, M716, WR702)

American University  
 Amherst College  
 Bates College  
 Bowdoin College  
 Brandeis University (2)  
 Brown University  
 Carleton College  
 Colby College (3)  
 College of the Holy Cross  
 Connecticut College  
 Cornell University (2)  
 Dartmouth College  
 Emory University (2)  
 Lehigh University  
 Middlebury College  
 Northeastern University (2)  
 Oberlin College  
 The George Washington University (2)  
 Tufts University (4)  
 Tulane University  
 University of California at Los Angeles  
 University of California at San Diego  
 University of Chicago  
 University of Maryland, College Park (2)  
 University of Massachusetts, Amherst  
 University of Michigan  
 University of New Hampshire  
 University of Rochester (3)  
 University of Vermont  
 Villanova University  
 Washington University in St. Louis

## 4.49-4.25 (CR656, M660, WR662)

Babson College  
 Bates College  
 Bentley University  
 Boston University  
 Brandeis University (3)  
 Carnegie Mellon University  
 Clark University  
 Clemson University (2)  
 Connecticut College (2)  
 Fordham University  
 Franklin and Marshall College  
 Gettysburg College  
 Hamilton College  
 Macalester College  
 Massachusetts Bay Community College  
 Northeastern University (5)  
 Providence College  
 Trinity College  
 Tufts University  
 Union College  
 University of Delaware  
 University of Maryland, College Park (2)  
 University of Massachusetts, Amherst (5)  
 University of Pittsburgh  
 University of Rochester (2)  
 University of San Diego  
 University of South Carolina  
 University of Vermont  
 University of Wisconsin, Madison (2)  
 Wake Forest University  
 Washington University in St. Louis (2)  
 Worcester Polytechnic Institute (2)

## 4.24-4.0 (CR616, M655, WR630)

American University  
 Bates College  
 Boston University (2)  
 Colorado College  
 Drexel University  
 Eckerd College  
 Emerson College  
 Georgetown University  
 Loyola University Maryland  
 Massachusetts College of Art and Design  
 Middlebury College  
 New York University (2)  
 Northeastern University  
 Rochester Institute of Technology  
 Stonehill College  
 Syracuse University

Tufts University  
 Union College (3)  
 University of Colorado at Boulder  
 University of Delaware (2)  
 University of Denver  
 University of Maryland, College Park (2)  
 University of Massachusetts, Amherst (7)  
 University of Massachusetts, Lowell (2)  
 University of Pittsburgh  
 University of Vermont (3)  
 Villanova University  
 Worcester Polytechnic Institute

## 3.99-3.75 (CR574, M585, WR575)

American University  
 Bates College  
 Becker College  
 Binghamton University  
 Boston University  
 Bryant University  
 Clemson University  
 Colby College  
 College of Charleston  
 College of the Atlantic  
 Eckerd College  
 Elon University (2)  
 Fairfield University  
 Hampshire College  
 High Point University  
 Ithaca College  
 James Madison University  
 Merrimack College  
 Miami University, Oxford  
 North Carolina State University  
 Pennsylvania State University, University Park  
 Principia College  
 Providence College  
 Saint Michael's College  
 Seton Hall University  
 Suffolk University  
 Trinity College  
 University of Delaware  
 University of Denver (2)  
 University of Massachusetts, Amherst (8)  
 University of Rhode Island  
 University of South Carolina  
 University of Toronto  
 Wentworth Institute of Technology

# Class of 2012 Profile: Schools Attended by G.P.A. & SAT

## 3.74-3.50 (CR549, M560, WR558)

Assumption College  
 Bentley University  
 Bridgewater State University  
 Bryant University  
 Clark University  
 Curry College  
 Drew University  
 Drexel University  
 Eckerd College  
 Elmira College  
 Elon University  
 Emerson College  
 Fairfield University  
 Indiana University at Bloomington  
 James Madison University (2)  
 Massachusetts College of Pharmacy  
 & Health Sciences  
 Merrimack College  
 Providence College  
 Quinnipiac University  
 Rochester Institute of Technology  
 Rutgers, The State University of New  
 Jersey  
 Spring Hill College  
 The University of Tampa (2)  
 University of Colorado at Boulder (2)  
 University of Delaware  
 University of Massachusetts, Amherst  
 (4)  
 University of Massachusetts, Boston  
 University of Massachusetts, Lowell  
 University of New Hampshire (2)  
 University of Pittsburgh  
 University of South Carolina  
 University of Vermont

Wentworth Institute of Technology  
 Wheaton College MA  
 Wheelock College

## GPA 3.49 & Below- (CR502, M519, WR492)

Adelphi University  
 Benjamin Franklin Institute of  
 Technology  
 Berklee College of Music  
 Bridgewater State University  
 Bryant University  
 Champlain College  
 Coastal Carolina University  
 College of Charleston  
 Curry College  
 Dean College (4)  
 Elmira College  
 Embry-Riddle Aeronautical  
 University  
 Emmanuel College  
 Framingham State University  
 High Point University (2)  
 Hofstra University  
 Keene State College (2)  
 Lasell College  
 Massachusetts Bay Community  
 College (3)  
 Massachusetts College of Art and  
 Design  
 Massachusetts College of Pharmacy  
 & Health Sciences  
 Merrimack College  
 Miami University, Oxford  
 Middlesex Community College  
 New England Culinary Institute

Pennsylvania State University,  
 University Park  
 Providence College  
 Quinnipiac University (5)  
 Rhode Island College  
 Rochester Institute of Technology  
 Saint Joseph's University  
 Saint Michael's College  
 Salem State University (2)  
 Springfield College  
 Stonehill College (2)  
 SUNY Morrisville State College  
 Temple University  
 The Art Institute of Boston at Lesley  
 University  
 The New England Institute of Art  
 The University of Arizona  
 The University of Tampa (2)  
 Thomas College  
 University of British Columbia  
 University of Colorado at Boulder  
 University of Denver  
 University of Hartford (2)  
 University of Massachusetts, Amherst  
 University of Massachusetts, Boston  
 University of Massachusetts, Lowell  
 (3)  
 University of New England  
 University of New Hampshire (2)  
 University of Rhode Island  
 University of South Carolina (2)  
 Warren Wilson College  
 Wentworth Institute of Technology  
 (5)  
 Western New England University  
 Westfield State University (2)

# Grants Summary: FY03 – FY13

GRANT SUMMARY	FY '03	FY '04	FY '05	FY '06	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13
MA DOE – Entitlement	\$1,777,928	\$1,780,064	\$1,930,409	\$2,058,483	\$2,177,913	\$2,206,476	\$2,186,856	\$2,203,163	\$2,202,160	\$2,256,679	\$2,272,767
MA DOE – Federal Stimulus (Entitlement)	\$0	\$0	\$0	\$0	\$0	\$0	\$643,484	\$1,188,803	\$1,287,891	\$508,281	\$0
MA DOE – Competitive/Continuation	\$185,789	\$147,838	\$84,047	\$34,805	\$19,600	\$12,700	\$12,100	\$10,900	\$17,300	\$8,800	\$7,900
Other/ Foundation	\$216,412	\$204,240	\$166,950	\$234,555	\$362,597	\$382,454	\$285,061	\$202,446	\$359,800	\$277,492	\$270,916
<b>Total All Grants</b>	<b>\$2,180,129</b>	<b>\$2,132,142</b>	<b>\$2,181,406</b>	<b>\$2,327,843</b>	<b>\$2,560,110</b>	<b>\$2,601,630</b>	<b>\$3,127,501</b>	<b>\$3,605,312</b>	<b>\$3,867,151</b>	<b>\$3,051,252</b>	<b>\$2,551,583</b>
% increase over previous year total	2%	-2%	2%	7%	10.0%	1.6%	20.2%	15.3%	7.3%	-21.1%	-16.4%

## GRANT DETAIL

### Mass DOE -- State/Federal Entitlement

SPED 94-142 (Federal)	\$688,820	\$825,667	\$956,645	\$1,027,201	\$1,033,324	\$1,059,524	\$1,081,786	\$1,156,627	\$1,196,241	\$1,201,544	\$1,215,814
SPED Early Childhood Education	\$36,735	\$36,443	\$36,215	\$35,967	\$35,971	\$36,007	\$35,079	\$35,108	\$35,177	\$35,186	\$35,100
SPED Supporting Access to the Curriculum	\$48,015	\$35,952	\$25,121	\$15,000	\$42,752	\$29,885	\$16,417	\$0	\$0	\$62,609	\$40,334
METCO	\$624,040	\$573,160	\$633,475	\$736,821	\$838,128	\$870,157	\$839,875	\$798,641	\$766,561	\$769,693	\$795,026
TITLE IID – Technology*	\$7,761	\$5,555	\$5,181	\$3,833	\$1,927	\$2,022	\$2,276	\$2,278	\$0	\$0	\$0
Title IIA – Improving Educator Quality*	\$85,040	\$84,317	\$80,937	\$80,680	\$79,005	\$79,473	\$82,135	\$82,448	\$81,328	\$68,283	\$68,782
Title V – Innovative Programs*	\$13,200	\$12,936	\$9,862	\$6,776	\$3,396	\$3,460	\$0	\$0	\$0	\$0	\$0
Title IV -- Safe and Drug Free Schools*	\$18,488	\$16,897	\$16,014	\$15,390	\$14,679	\$13,384	\$13,628	\$11,809	\$5,476	\$0	\$0
Title I (academic assistance - low-income students)	\$209,262	\$140,968	\$106,846	\$96,106	\$80,647	\$80,433	\$81,840	\$88,343	\$99,011	\$90,186	\$100,771
LEP Summer Support/ Title III											
Class Size Reduction Program											
SPED Corrective Action											
SPED Program Review (audit prep)			\$6,000		\$12,000						
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	\$32,387	\$48,169	\$54,113	\$40,709	\$36,084	\$32,131	\$33,820	\$27,909	\$24,238	\$20,353	\$16,940
ARRA - SFSF Recovery Grant											
ARRA - IDEA Special Education (School Age)								\$580,867	\$457,937	\$0	\$0
ARRA - IDEA Special Education (Preschool)								\$580,984	\$803,002	\$0	\$0
Education Jobs								\$26,952	\$26,952	\$0	\$0
									\$0	\$508,281	\$0
<b>Subtotal</b>	<b>\$1,777,928</b>	<b>\$1,780,064</b>	<b>\$1,930,409</b>	<b>\$2,058,483</b>	<b>\$2,177,913</b>	<b>\$2,206,476</b>	<b>\$2,830,340</b>	<b>\$3,391,966</b>	<b>\$3,490,051</b>	<b>\$2,764,960</b>	<b>\$2,272,767</b>

\* 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

Technology Enhancement*	\$119,549	\$119,549		\$3,830	\$4,700	\$12,700	\$12,100	\$10,900	\$9,800	\$8,800	\$7,900
Academic Support Services (MCAS Tutoring)	\$31,400	\$3,200	\$2,553								
Community Service Learning	\$16,000	\$10,000	\$12,000								
Full-Day Kindergarten Enhancement	\$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	\$0	\$0
Project FOCUS: Empowering SPED	\$3,000										
<b>Subtotal</b>	<b>\$185,789</b>	<b>\$147,838</b>	<b>\$84,047</b>	<b>\$34,805</b>	<b>\$19,600</b>	<b>\$12,700</b>	<b>\$12,100</b>	<b>\$10,900</b>	<b>\$17,300</b>	<b>\$8,800</b>	<b>\$7,900</b>

\* 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.

A Community and School partnership that creates excited learners • inspires excellence • fosters integrity.

# Grants Summary: FY03 – FY13 (continued)

OTHER GRANTS	FY '03	FY '04	FY '05	FY '06	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13
<b>Corporate</b>											
Mass Insight/Microsoft/Lesley test data analysis software donation	\$60,000										
<b>Higher Education</b>											
Harvard Volunteer Consulting Team											
Olin College	In-kind	In-kind	In-kind	In-kind	In-kind	In-kind					
<b>Foundation</b>											
MetroWest Community Health Care Foundation		\$35,135	\$10,000	\$55,000	\$55,000	\$55,000	\$25,000	\$0	\$31,000	\$17,200	\$11,300
MetroWest Obesity Grant				\$32,650	\$32,650						
Needham Education Foundation Spring grants	\$75,135	\$57,710	\$38,754	\$30,923	\$30,923	\$26,769	\$57,592	\$29,191	\$73,410	\$26,550	\$46,675
Needham Education Foundation Autumn grants		\$22,791	\$33,477	\$28,941	\$39,207	\$65,240	\$40,342	\$51,895	\$28,126	\$58,832	\$44,881
Needham Education Foundation large grants	\$15,000	\$30,000	\$26,115	\$54,313	\$30,000	\$45,000	\$13,927	\$0	\$61,394	\$41,750	\$21,500
Needham Education Foundation Collaborative Init.					\$10,000	\$10,000	\$0	\$0	\$0	\$6,800	\$25,000
Needham Education Found Out of Cycle					\$9,000						
Jason Foundation	In-kind	In-kind	In-kind		\$8,800	\$1,200	\$0	\$0	\$0	\$0	\$0
MA Biotechnology Ed Found BioTech Award					\$22,872						
Smart Technologies					\$18,000	\$23,600	\$0	\$0	\$0	\$5,000	\$0
Needham Cong Church-Steps to Success											
National Education Association (NEA)											
<b>Norfolk County District Attorney's Office</b>											
Post-Graduation Safe Activities	\$250			\$250	\$250	\$250	\$0	\$0	\$0	\$0	\$0
<b>MA Department of Public Health</b>											
Enhanced School Health Services	\$66,027	\$58,604	\$58,604	\$64,049	\$72,395	\$72,395	\$148,000	\$121,360	\$121,360	\$121,360	\$121,360
DPH Public Health (Pass Through)					\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0
<b>U.S. Department of Education</b>											
Project SERV – Suicide					\$25,500						
<b>U.S. Environmental Protection Agency</b>											
Environmental Education - Science Center									\$44,510	\$0	\$0
<b>MA Cultural Council</b>											
Creative Schools Program					\$8,000	\$8,000	\$200				\$200
Yellow Bus											
MA Travel & Tourism (Riverside Contract)					\$50,000	\$50,000					
<b>Subtotal</b>	<b>\$216,412</b>	<b>\$204,240</b>	<b>\$166,950</b>	<b>\$234,555</b>	<b>\$362,597</b>	<b>\$382,454</b>	<b>\$285,061</b>	<b>\$202,446</b>	<b>\$359,800</b>	<b>\$277,492</b>	<b>\$270,916</b>

# Revolving (Fee-Based) Funds: FY10 – FY12

REVOLVING FUND	FY10 CURRENT REVENUE	FY10 TOTAL EXPENDED	FY10 ENDING BALANCE	FY11 CURRENT REVENUE	FY11 TOTAL EXPENDED	FY11 ENDING BALANCE	FY12 CURRENT REVENUE	FY12 TOTAL EXPENDED	FY12 ENDING BALANCE	NOTE
FEE BASED TRANSPORTATION	439,593	420,384	479,828	490,712	441,188	529,352	520,101	547,988	501,466	F (1)
PRODUCTION CENTER FEE-BASED	13,365	-	20,370	11,547	31,384	534	13,758	8,592	5,700	
BROADMEADOW LEASE	9,304	9,304	0	9,629	9,629	0	11,921	11,921	0	
BROADMEADOW BOOK/EQUIPMENT	-	-	0	-	-	0	-	-	0	
ELIOT LEASE	7,192	7,192	0	8,734	8,734	0	11,345	11,345	0	
ELIOT BOOK/EQUIPMENT SALES	604	539	463	781	795	449	863	736	575	
HILLSIDE LESLEY INTERNS	28,120	39,746	5,239	47,720	48,364	4,595	54,700	46,231	13,064	
HILLSIDE BOOK/EQUIPMENT SALES	-	-	-	603	-	603	2,702	1,945	1,360	
MITCHELL LEASE	12,709	13,109	-	13,488	13,488	0	14,560	14,560	-	
NEWMAN LEASE	15,617	15,617	-	10,266	10,266	0	12,644	12,644	-	
NEWMAN BOOK/EQUIPMENT SALE	911	-	948	932	949	932	992	844	1,079	
HIGH ROCK LOST BOOKS	-	-	162	28	-	190	38	-	228	
HIGH ROCK OVERNIGHT CAMP	93,952	98,366	154	107,496	107,426	224	113,405	113,628	-	
HIGH ROCK BOOK/EQUIPMENT SALES	2,060	-	3,534	2,125	1,626	4,034	2,125	1,626	4,533	
POLLARD JAPAN EXCHANGE	-	-	662	-	-	662	-	51	611	
POLLARD BOOK/EQUIPMENT SALES	3,551	3,324	3,175	4,735	3,562	4,348	4,555	3,838	5,065	
POLLARD LOST BOOKS	759	341	742	961	76	1,627	500	999	1,128	
HIGH SCHOOL TESTING	53,941	53,560	9,138	48,419	53,107	4,450	62,912	57,307	10,055	
HIGH SCHOOL BOOK/EQUIPMENT SALES	5,770	5,703	1,220	6,620	6,573	1,267	3,358	3,306	1,319	
HIGH SCHOOL LOCKERS	-	-	1,004	-	-	1,004	-	-	1,004	
HIGH SCHOOL TEXTBOOK RECOVERY	2,788	3,571	5,490	926	2,296	4,119	2,270	2,336	4,053	
HIGH SCHOOL PARKING	4,376	6,060	1,003	6,025	4,892	2,136	4,680	5,217	1,599	
HIGH SCHOOL NON-RESIDENT TUITION	-	5,286	10,577	8,535	9,036	10,075	17,580	1,758	25,897	
SPED OUT-OF-DISTRICT TUITION	22,548	17,748	5,079	4,756	9,556	279	9,403	9,403	279	
SPED NON-RESIDENT TUITION	74,100	64,261	11,998	81,370	69,081	24,286	99,794	91,533	32,548	
INTEGRATED PRESCHOOL	296,564	235,184	107,838	216,714	221,018	103,534	266,107	241,544	128,097	F (2)
SCIENCE CENTER	-	285	985	-	-	985	2,644	76	3,554	
MEDIA RECOVERY	2,143	2,274	2,240	3,766	1,388	4,618	2,835	3,710	3,743	
SCH PERFORMING GROUPS	20,083	13,350	36,968	19,131	28,053	28,046	22,100	19,702	30,443	
FEE-BASED ARTS INSTRUCTION	191,714	194,203	5,981	193,298	177,049	22,230	214,215	201,205	35,241	
FINE & PERFORMING ARTS SALES TO STUDENTS	9,315	12,616	4,868	19,272	18,410	5,730	11,162	12,723	4,170	
GRAPHIC ARTS	59,577	61,927	34,685	66,985	63,719	37,951	75,029	84,551	28,429	
MUSICAL	18,197	17,355	13,754	27,270	25,802	15,222	26,948	30,979	11,191	
WORLD LANGUAGES FEE-BASED	5,733	6,766	34	5,285	5,307	11	4,512	3,382	1,142	
KINDERGARTEN AFTER SCHOOL ENRICH (KASE)	884,363	906,627	759,769	794,559	997,188	557,140	839,238	894,513	501,865	F (3)
ELEMENTARY AFTER SCHOOL ENRICH (EASE)	92,374	103,181	8,379	121,969	113,468	16,880	102,578	102,331	17,128	
POLLARD AFTER SCHOOL ENRICH (PAS)	65,421	68,308	7,180	79,474	71,646	15,008	85,480	84,943	15,545	
SUMMER SCHOOL	237,653	174,649	270,836	259,494	201,061	329,269	251,455	223,510	357,214	F (4)
TUTORING	225	-	750	80	-	830	80	890	20	
SUMMER SPORTS CLINICS	15,705	1,019	14,686	11,850	3,889	22,646	15,920	16,371	22,196	
METCO REVOLVING FUND	935	3,310	3,014	1,535	2,549	1,999	120	195	1,924	
METCO SUMMER SCHOOL	-	-	39	-	-	39	-	-	39	

# Revolving (Fee-Based) Funds: FY10 – FY12 (continued)

	FY10 CURRENT REVENUE	FY10 TOTAL EXPENDED	FY10 ENDING BALANCE	FY11 CURRENT REVENUE	FY11 TOTAL EXPENDED	FY11 ENDING BALANCE	FY12 CURRENT REVENUE	FY12 TOTAL EXPENDED	FY12 ENDING BALANCE	NOTE
REVOLVING FUND										
HIGH SCHOOL ATHLETICS	422,754	374,616	89,517	482,736	464,446	107,807	480,061	502,278	85,590	
FOOD SERVICES	1,930,412	1,822,494	995,581	1,955,828	1,818,600	1,137,689	2,002,889	2,030,408	1,110,169	(5)
ADULT EDUCATION	223,276	228,566	76,228	255,027	263,941	67,314	252,964	262,937	57,342	
STAFF DEVELOPMENT	13,793	5,128	21,078	15,715	12,989	23,805	15,286	11,463	27,627	
<b>GRAND TOTAL REVOLVING</b>	<b>5,281,495</b>	<b>4,996,068</b>	<b>3,015,195</b>	<b>5,396,395</b>	<b>5,322,551</b>	<b>3,093,919</b>	<b>5,635,829</b>	<b>5,675,518</b>	<b>3,054,229</b>	

(1) Transportation balance represents fee pre-collection for next fiscal year. Fund also requires fund balance equivalent to 2-3 months operations for cash flow.

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

(3) KASE fund balance includes assigned balances: \$54,000 fee pre-collections, 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 pre-collections (93,149). Balance to be used to replace kitchen equipment Newman School (\$132,900 - \$185,000), other equipment replacement.

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