Needham Public Schools Demographic Profile

Selected Indicators – Comparable Communities:

Community	FY16 Average Single Family Tax Bill (1) Amount	Rank	FY15 Per-Pupil Expenditure (2) Amount	Rank	FY16 Student Teacher Ratio (2) Ratio	Rank	FY16 MCAS ELA CPI (3) Score	Rank	FY16 MCAS Math CPI (3) Score	Rank	FY16 Combined SAT (3) Score	Rank	FY17 Teacher Starting Salary with Masters (4) Amount	Rank	FY17 Teacher Top Salary with Masters + 30 (4) Amount	Rank
Belmont	$11,656	8	13,029	19	16.8 to 1	21	n/a		n/a		1778	10	$51,101	8	$96,217	8
Brookline	n/a		17,652	7	12.8 to 1	6	93.6	10	90.8	8	1804	7	$54,191	3	$98,985	5
Concord *MCAS	$13,490	5	17,517	9	12.9 to 1	9	99.3	1	97.4	1	1856	2	$55,696	1	$107,001	1
Dedham	$6,509	18	17,780	6	11.7 to 1	3	n/a		n/a		1487	20	$55,633	2	$90,552	15
Dover **MCAS	$14,149	3	24,263	1	13.4 to 1	11	97.8	2	93.7	4	1841	2	$49,993	12	$97,771	6
Framingham	$6,065	19	17,449	10	11.7 to 1	4	n/a		n/a		1605	17	$49,077	17	$84,942	18
Holliston	$7,819	15	13,322	18	14.0 to 1	18	93.7	9	89.7	9	1691	13	$49,822	14	$93,681	13
Hopkinton	$8,953	14	13,535	17	13.6 to 1	14	96.1	5	93.4	6	1676	15	n/a		n/a	
Lexington	$12,955	6	n/a		12.1 to 1	5	96.1	6	95.0	2	1875	1	$49,270	15	$95,704	10
Medfield	$10,309	12	13,849	16	13.4 to 1	12	n/a		n/a		1698	12	n/a		n/a	
Natick	$6,868	17	14,044	15	14.6 to 1	20	n/a		n/a		1658	16	$50,625	10	$87,270	16
Needham	**$9,587**	**13**	15,900	**11**	**14.3 to 1**	**19**	**95.0**	**8**	**92.9**	**6**	**1727**	**11**	**$51,345**	7	**$94,897**	11
Newton	$10,728	10	18,096	5	11.6 to 1	2	n/a		n/a		1780	9	$50,626	9	$95,926	9
Norwood	$4,443	20	15,479	13	12.8 to 1	7	n/a		n/a		1539	19	n/a		n/a	
Sherborn **MCAS	$15,104	2	19,534	3	12.9 to 1	10	97.8	3	93.7	5	1841	3	$49,993	13	$97,771	7
Walpole	$6,952	16	14,078	14	13.9 to 1	17	n/a		n/a		1589	18	$52,083	6	$92,953	14
Wayland	$11,730	7	17,650	8	12.8 to 1	8	n/a		n/a		1807	6	$48,019	18	$100,651	4
Wellesley	$13,971	4	18,289	4	13.7 to 1	15	96.0	7	92.3	7	1813	5	$52,412	5	$103,003	2
Weston	$18,762	1	22,768	2	11.2 to 1	1	n/a		n/a		1834	4	$53,705	4	$102,451	3
Westwood	$10,312	11	15,833	12	13.5 to 1	13	n/a		n/a		1683	14	$50,488	11	$94,580	12
Winchester	$10,948	9	12,801	20	13.7 to 1	16	96.4	4	94.2	3	1790	8	$49,164	16	$86,312	17

* - 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, Dover & Sherborn reported separately.
(3) Source: Commonwealth of Massachusetts Department of Education Website. 2014 MCAS Data for All Students, All Grades. Test data reported for Concord-Carlisle, Dover-Sherborn.
(4) Source: Commonwealth of Massachusetts Department of Education Website; school district websites and informal telephone survey of school districts.

Selected Indicators – Student Demographics

Needham Student Enrollment by Gender (PreK-12)	2015-16 District	2015-16 % District	2016-17 District	2016-17 % District
Male	2,746	49.2%	2,763	49.4%
Female	2,835	50.8%	2,825	50.6%
Total	5,581	100.0%	5,588	100.0%

Massachusetts Student Enrollment by Gender (PreK-12)	2014-15 State	2014-15 % State	2015-16 State	2015-16 % State
Male	488,472	51.2%	488,985	51.3%
Female	464,957	48.8%	464,716	48.7%
Total	953,429	100.0%	953,701	100.0%

Student Indicators	2014-15 % District	2014-15 % State	2015-16 % District	2015-16 % State
Attendance Rate	96.3%	94.7%	96.4%	94.9%
Average # Days Absent	6.6%	9.0%	6.3%	8.8%
Absent 10 Days or More	20.1%	32.0%	19.5%	30.5%
Chronically Absent (10% or More)	5.1%	12.9%	4.5%	12.3%
Unexcused Absences > 9	0.0%	12.5%	0.1%	13.8%
Retention Rate	0.1%	1.5%	0.1%	1.5%

Class Size by Gender and Selected Populations	2014-15 % District	2014-15 % State	2015-16 % District	2015-16 % State
Total # of Classes	2,190	434,429	2,213	443,158
Average Class Size	19.1	18.0	18.9	18.0
Number of Students	5,546	960,907	5,609	961,574
Female %	50.4%	48.7%	50.7%	48.7%
Male %	49.6%	51.3%	49.3%	51.3%
Limited English Proficient %	1.9%	8.6%	2.2%	9.1%
Special Education %	15.7%	16.9%	15.6%	17.0%
Economically Disadvantaged %	4.5%	27.0%	5.1%	29.1%

Class Size by Race & Ethnicity	2014-15 % District	2014-15 % State	2015-16 % District	2015-16 % State
Total # of Classes	2,190	434,429	2,213	443,158
Average Class Size	19.1	18.0	18.9	18.0
Number of Students	5,546	960,907	5,609	961,574
African American %	2.8%	8.6%	3.0%	8.9%
Asian %	7.6%	6.3%	8.1%	6.5%
Hispanic %	4.8%	18.3%	5.2%	18.9%
White %	80.8%	63.3%	79.3%	62.1%
Native American %	0.0%	0.2%	0.1%	0.2%
Native Hawaiian, Pacific Islander %	0.0%	0.1%	0.0%	0.1%
Multi-Race, Non-Hispanic %	3.9%	3.1%	4.4%	3.3%

Source: Massachusetts Department of Elementary & Secondary Education

Selected Indicators – Graduation

Graduation Rates by Cohort (2015-16)	# Students in 2016 Cohort	% Graduated	% Still in School	% Non-Grad Completers	% High School Equivalent	% Dropped Out
All Students	418	97.1%	2.4%	0.0%	0.2%	0.0%
Male	202	95.0%	4.5%	0.0%	0.0%	0.0%
Female	216	99.1%	0.5%	0.0%	0.5%	0.0%
ELL	3	0.0%	0.0%	0.0%	0.0%	0.0%
Students with Disabilities	79	88.6%	10.1%	0.0%	1.3%	0.0%
Low Income	49	95.9%	4.1%	0.0%	0.0%	0.0%
High Needs	113	91.2%	8.0%	0.0%	0.9%	0.0%
African American/ Black	11	100.0%	0.0%	0.0%	0.0%	0.0%
Asian	31	96.8%	3.2%	0.0%	0.0%	0.0%
Hispanic/ Latino	17	94.1%	5.9%	0.0%	0.0%	0.0%
American Indian or Alaska Native	0	0.0%	0.0%	0.0%	0.0%	0.0%
White	347	97.4%	2.0%	0.0%	0.3%	0.0%
Multi-Race, Non-Hispanic-Latino	12	91.7%	8.3%	0.0%	0.0%	0.0%

Plans of High School Graduates (Percent)	Number of Graduates	Four Year Colleges (%)	Two Year Colleges (%)	Military (%)	Work (%)	Other (%)	Unknown (%)
2016	411	93.0%	2.7%	0.5%	1.0%	1.2%	1.7%
2015	387	90.5%	2.9%	0.0%	3.1%	1.3%	2.3%
2014	363	90.1%	0.6%	0.3%	0.6%	0.6%	8.0%
2013	365	93.5%	2.2%	0.0%	0.0%	0.5%	3.8%
2012	357	90.5%	1.7%	0.8%	2.2%	1.4%	3.4%
2011	324	92.9%	1.8%	0.0%	0.0%	0.6%	4.6%

Source: Massachusetts Department of Elementary & Secondary Education

"Visual Find Photograph" by Michael McMann (NHS Grade 11)

Class of 2016 Profile: Schools Attended

American University (2)
Babson College
Bates College (4)
Bentley University (4)
Boston College (8)
Boston University (16)
Bowdoin College
Brandeis University (4)
Bridgewater State University (3)
Bridgton Academy
Brigham Young University
Brown University
Bryant University (3)
Bucknell University
Bunker Hill Community College
California Polytechnic State University
Case Western Reserve University
Clarion University of Pennsylvania
Coastal Carolina University
Colby College (2)
Colgate University (2)
College of Charleston (2)
College of the Holy Cross (2)
College of William and Mary
Colorado State University
Concordia University
Connecticut College (2)
Cornell University (4)
Curry College (2)
Dean College (2)
Denison University (2)
Duke University
Earlham College
Eckerd College (2)
Elon University (4)
Emerson College (2)
Emmanuel College
Emory University
Endicott College
Fairfield University (4)
Fashion Institute of Technology
Florida Gulf Coast University (2)
Florida Southern College
Fordham University
Framingham State University (2)
Franklin Pierce University
Franklin W. Olin College of Engineering
Georgetown University (2)
Hampshire College
Harvard University (4)
Hawaii Pacific University
Hobart and William Smith Colleges (2)
Hofstra University (2)
Indiana University at Bloomington (5)
Ithaca College (2)
Jacksonville University
James Madison University (2)
Johnson & Wales University (2)
Keene State College
Lafayette College (3)
Lehigh University (2)
Lesley University (3)
Loyola University Chicago
Macalester College (2)
Marist College (2)
Marquette University
Massachusetts Bay Community College (11)
Massachusetts Institute of Technology (4)
Massachusetts College of Pharmacy & Health Sciences (2)
Merrimack College (2)
Miami University, Oxford
Mitchell College (2)
Mount Ida College
New Hampshire Institute of Art
New York University
Nichols College
North Carolina State University
Northeastern University (7)
Norwich University
Nova Southeastern University
Oberlin College of Arts and Sciences
Oklahoma City University
Pennsylvania State University (10)
Plymouth State University
Princeton University
Providence College (8)
Purchase College, SUNY
Quinnipiac University (2)
Rensselaer Polytechnic Institute
Rhode Island College
Rhode Island School of Design (2)
Rice University
Ringling College of Art and Design
Rochester Institute of Technology (3)
Roger Williams University
Rutgers University – New Brunswick
Sacred Heart University
Saint John's University (2)
Saint Michael's College (3)
Salve Regina University
Sarah Lawrence College
Siena College
Simmons College (2)
Suffolk University (2)
Syracuse University (3)
The College of Wooster
The George Washington University (6)
The Ohio State University (2)
The University of Alabama
The University of Edinburgh
The University of Tampa
The University of Texas, Austin
Trinity College
Tufts University (4)
Tulane University (3)
Union College (3)
University of California, Santa Barbara
University of Chicago
University of Cincinnati
University of Colorado at Boulder
University of Connecticut (4)
University of Delaware (3)
University of Denver (4)
University of Kansas
University of Maine
University of Maryland (7)
University of Mass., Amherst (38)
University of Mass, Dartmouth (4)
University of Massachusetts, Lowell (7)
University of Michigan (3)
University of Mississippi
University of New Hampshire (10)
University of Notre Dame
University of Pittsburgh (2)
University of Puget Sound
University of Rhode Island (3)
University of Richmond
University of Rochester (4)
University of Southern Maine
University of Toronto
University of Vermont (7)
University of Virginia (2)
University of Wisconsin (3)
Vanderbilt University
Vassar College
Villanova University (3)
Virginia Commonwealth University
Virginia Tech
Wake Forest University
Washington University in St. Louis (2)
Wellesley College (2)
Wentworth Institute of Technology
Wesleyan University
West Virginia University
Westfield State University (3)
Wheaton College
Whitman College
Williams College
Winona State University
Worcester Polytechnic Institute (3)
Yale University

Selected Indicators – Testing & Assessment

Ten Year Comparison of SAT Scores:

Comparison of SAT Scores, All Students

Test/ Region	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Writing											
Needham	589	591	612	598	610	593	583	580	590	585	571
State	510	511	513	510	509	509	508	509	499	497	497
National	497	493	493	492	491	489	488	488	487	484	482
Critical Reading											
Needham	586	588	594	594	602	592	582	584	586	580	574
State	513	513	514	514	512	497	513	515	508	508	509
National	503	501	500	499	500	497	496	496	497	495	494
Math											
Needham	594	590	602	603	610	595	594	595	605	599	582
State	524	522	525	526	526	523	530	529	523	521	522
National	518	514	514	514	515	514	514	514	513	511	508
Combined											
Needham	1769	1769	1808	1795	1822	1780	1779	1759	1781	1764	1727
State	1547	1546	1552	1550	1547	1529	1555	1553	1530	1526	1528
National	1518	1511	1511	1510	1509	1516	1498	1498	1497	1490	1484

Source Needham & State: Massachusetts Department of Elementary & Secondary Education & Needham Public Schools, Office of Student Development & Program Evaluation

Source Nation: The College Board, Total Group Profile Report, 2016 College-Bound Seniors

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 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 (%)
10-2016	Needham	99	69	29	1	0
	State	98	47	45	6	3
08-2016	Needham	99	36	58	5	1
	State					
07-2016	Needham	99	20	70	9	1
	State					
06-2016	Needham	99	38	53	8	1
	State					
05-2016	Needham	100	35	50	12	3
	State					
04-2016	Needham	100	13	64	20	3
	State					
03-2016	Needham	100	13	63	22	2
	State					
10-2015	Needham	97	78	21	1	1
	State	98	49	42	6	3
08-2015	Needham	99	40	50	8	3
	State	99	26	54	14	6
07-2015	Needham	99	22	68	8	2
	State	99	9	60	23	8
06-2015	Needham	100	28	59	10	2
	State	99	19	52	19	10
05-2015	Needham	100	32	51	14	2
	State	99	23	48	20	9
04-2015	Needham	99	13	58	23	5
	State	99	11	43	33	14
03-2015	Needham	100	18	60	19	2
	State	100	11	49	32	9

Source: Massachusetts Department of Elementary & Secondary Education

MCAS Mathematics

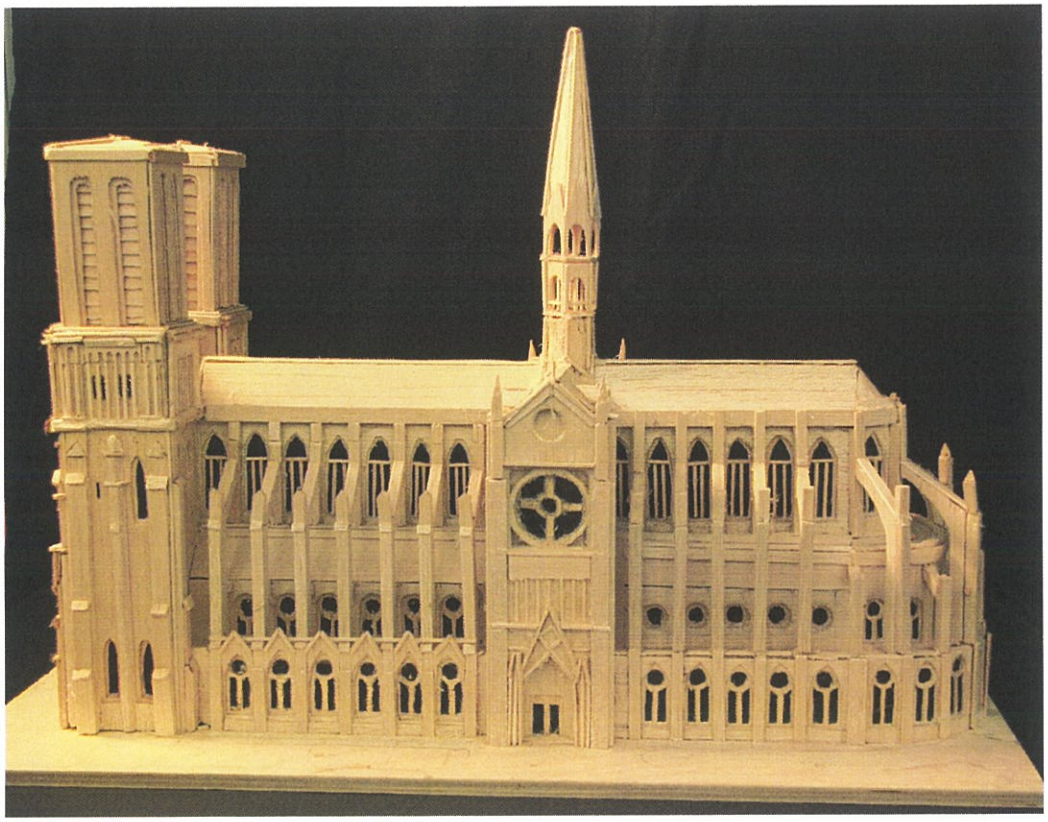
Grade/ Year	Enrolled	% Tested	Advanced (%)	Proficient (%)	Needs Imp'vment (%)	Failing/ Warning (%)
10-2016	Needham	99	79	14	6	1
	State	98	54	24	15	8
08-2016	Needham	100	58	24	12	8
	State					
07-2016	Needham	100	48	33	14	6
	State					
06-2016	Needham	100	62	26	10	3
	State					
05-2016	Needham	100	47	33	15	5
	State					
04-2016	Needham	100	36	38	23	3
	State					
03-2016	Needham	100	54	33	9	4
	State					
10-2015	Needham	99	81	14	4	2
	State	98	53	25	13	8
08-2015	Needham	99	50	29	15	7
	State	99	29	31	23	17
07-2015	Needham	99	40	39	12	8
	State	99	20	30	26	23
06-2015	Needham	100	54	29	12	4
	State	99	30	32	24	14
05-2015	Needham	100	45	34	17	3
	State	100	35	32	21	12
04-2015	Needham	100	34	40	23	3
	State	100	19	29	40	13
03-2015	Needham	100	42	40	14	4
	State	100	32	39	18	11

Source: Massachusetts Department of Elementary & Secondary Education

Science & Technology

Grade/ Year	Enrolled	% Tested	Advanced (%)	Proficient (%)	Needs nprovement (%)	Failing (%)
05-2016	Needham	100	27	44	26	4
	State	99	16	31	38	14
08-2016	Needham	99	15	55	25	6
	State	99	6	35	40	19
10-2016	Needham	100	47	44	8	1
	State	99	29	44	21	5
05-2015	Needham	100	16	50	30	4
	State	99	16	35	37	13
08-2015	Needham	99	10	63	22	5
	State	99	3	39	40	18
10-2015	Needham	100	49	42	7	1
	State	99	27	44	23	5

Source: Massachusetts Department of Elementary & Secondary Education



"Cathedral" by Mark Elman (NHS Grade 9)

Selected Indicators – Staffing Demographic Data

Teacher Data	2014-15 % District	2014-15 % State	2015-16 % District	2015-16 % State
Total # Teachers	381.1	71,886.8	389.1	72,384.1
% of Teachers Licensed in Teaching Assignment	99.3%	97.4%	99.5%	97.4%
Total # of Classes in Core Academic Areas	1,848	346,081	1,787	348,472
% of Core Academic Classes Taught by Teachers Who Are Highly Qualified	99.4%	95.4%	99.3%	96.3%
Student/Teacher Ratio	14.5 to 1	13.3 to 1	14.3 to 1	13.2 to 1

Teacher Salaries	2013-14 District 2014	2014-15 District 2015	2013-14 State 2014	2014-15 State 2015
Average Salary	$87,175	$87,555	$73,966	$74,78
FTE Count	357.5	381.1	67,928.5	69,343.6

All Staffing Data by Race, Ethnicity & Gender (FTE)	2014-15 District	2014-15 State	2015-16 District	2015-16 State
African American	15.5	4,385.0	15.4	4,369.6
Asian	10.4	1,657.1	14.0	1,726.9
Hispanic	11.9	4,359.0	10.2	4,409.1
White	687.8	117,578.8	685.8	118,651.1
Native American	-	118.2	-	113.6
Native Hawaiian, Pacific Islander	1.0	90.6	1.0	71.5
Multi-Race, Non-Hispanic	8.0	562.6	8.0	557.1
Males	143.3	25,829.8	144.4	26,240.5
Females	591.2	102,920.4	590.1	103,655.5
FTE Count	734.6	128,751.3	734.4	129,899.0

Educator Evaluation Performance Rating	2013-14 # Educators	2013-14 # Evaluated	2013-14 % Evaluated	2013-14 % Exemplary	2013-14 % Proficient	2013-14 % Needs Imp	2013-14 % Unsatisfactor
All Educators	503	502	99.8%	1.0%	97.2%	1.6%	0.2%
Administrators	46	46	100.0%	6.5%	89.1%	4.3%	0.0%
Teachers	356	355	99.7%	0.6%	98.3%	0.8%	0.3%
Teachers - Professional Status	269	269	100.0%	0.7%	98.5%	7.0%	0.0%
Teachers - Non-Professional Status	86	86	100.0%	0.0%	97.7%	1.2%	1.2%

Educator Evaluation Performance Rating	2014-15 # Educators	2014-15 # Evaluated	2014-15 % Evaluated	2014-15 % Exemplary	2014-15 % Proficient	2014-15 % Needs Imp	2014-15 % Unsatisfactor
All Educators	526	516	98.1%	0.4%	97.3%	2.1%	0.2%
Administrators	49	48	98.0%	4.2%	93.8%	2.1%	0.0%
Teachers	395	388	98.2%	0.0%	97.4%	2.3%	0.3%
Teachers - Professional Status	287	282	98.3%	0.0%	99.3%	0.7%	0.0%
Teachers - Non-Professional Status	108	106	98.1%	0.0%	92.5%	6.6%	0.9%

Source: Massachusetts Department of Elementary & Secondary Education

Grants Summary: FY07 – FY17

GRANT SUMMARY	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15	FY '16	FY '17
MA DOE – Entitlement	$2,177,913	$2,206,476	$2,186,856	$2,203,163	$2,202,160	$2,256,679	$2,272,767	$2,252,769	$2,419,037	$2,448,356	$2,570,749
MA DOE – Federal Stimulus (Entitlement)	$0	$0	$643,484	$1,188,803	$1,287,891	$508,281	$0	$0	$0	$0	$0
MA DOE - Competitive/Continuation	$19,600	$12,700	$12,100	$10,900	$17,300	$8,800	$7,900	$8,700	$5,988	$0	$0
Other/ Foundation	$362,597	$382,454	$285,061	$202,446	$359,800	$324,166	$295,718	$347,581	$491,931	$303,631	$221,477
Total All Grants	**$2,560,110**	**$2,601,630**	**$3,127,501**	**$3,605,312**	**$3,867,151**	**$3,097,926**	**$2,576,385**	**$2,609,050**	**$2,916,956**	**$2,751,987**	**$2,792,226**
% increase over previous year total	**10.0%**	**1.6%**	**20.2%**	**15.3%**	**7.3%**	**-19.9%**	**-16.8%**	**1.3%**	**11.8%**	**-5.7%**	**1.5%**

GRANT DETAIL

Mass DOE -- State/Federal Entitlement	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15	FY '16	FY '17
SPED 94-142 (Federal)	$1,033,324	$1,059,524	$1,081,786	$1,156,627	$1,196,241	$1,201,544	$1,215,814	$1,181,623	$1,326,801	$1,201,188	$1,261,373
SPED Early Childhood Education	$35,971	$36,007	$35,079	$35,108	$35,177	$35,186	$35,100	$33,607	$35,044	$35,015	$36,048
SPED Early Childhood Program Improvement	$0	$0	$0	$0	$0	$0	$0	$2,900	$5,600	$2,250	$2,250
SPED Supporting Access to the Curriculum/ Pgm Imp	$42,752	$29,885	$16,417	$0	$0	$62,609	$40,334	$23,547	$43,188	$43,747	$43,747
METCO	$838,128	$870,157	$839,875	$798,641	$766,561	$769,693	$795,026	$840,442	$797,308	$940,848	$1,013,467
TITLE IID – Technology*	$1,927	$2,022	$2,276	$2,278	$0	$0	$0	$0	$0	$0	$0
Title IIA – Improving Educator Quality*	$79,005	$79,473	$82,135	$82,448	$81,328	$68,283	$68,782	$65,075	$65,021	$65,009	$63,109
Title III - English Language Acquisition	$0	$0	$0	$0	$0	$0	$0	$0	$0	$17,960	$18,094
Title V – Innovative Programs*	$3,396	$3,460	$0	$0	$0	$0	$0	$0	$0	$0	$0
Title IV -- Safe and Drug Free Schools*	$14,679	$13,384	$13,628	$11,809	$5,476	$0	$0	$0	$0	$0	$0
Title I (academic assistance - low-income students)	$80,647	$80,433	$81,840	$88,343	$90,186	$99,011	$100,771	$90,019	$126,597	$112,721	$97,667
LEP Summer Support/ Title III					$2,953	$0	$0	$0	$0	$0	$0
LEAP Incentive Grant											$10,000
Program Improvement Special Education											
SPED Corrective Action	$12,000										
SPED Program Review (audit prep)											
Early Childhood Mental Health											
Limited English Proficient Assessments											
Title I for Delinquent/Neglected* – Walker School	$36,084	$32,131	$33,820	$27,909	$24,238	$20,353	$16,940	$15,556	$19,478	$29,618	$24,994
ARRA - SFSF Recovery Grant			$643,484	$580,867	$457,937	$0	$0	$0	$0	$0	$0
ARRA - IDEA Special Education (School Age)				$580,984	$803,002	$0	$0	$0	$0	$0	$0
ARRA - IDEA Special Education (Preschool)				$26,952	$26,952	$0	$0	$0	$0	$0	$0
Education Jobs					$0	$508,281	$0	$0	$0	$0	$0
Subtotal	**$2,177,913**	**$2,206,476**	**$2,830,340**	**$3,391,966**	**$3,490,051**	**$2,764,960**	**$2,272,767**	**$2,252,769**	**$2,419,037**	**$2,448,356**	**$2,570,749**

* 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. generated an additional Title I appropriation, as noted. St. Sebastian's

Massachusetts DOE -- State/Federal Competitive	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15	FY '16	FY '17
Academic Support Services (MCAS Tutoring)	$4,700	$12,700	$12,100	$10,900	$9,800	$8,800	$7,900	$8,700	$5,988	$0	$0
Community Service Learning											
Full-Day Kindergarten Enhancement	$14,900										
Early Childhood Mental Health											
Early Childhood Language & Literacy Development					$7,500	$0	$0	$0	$0	$0	$0
Subtotal	**$19,600**	**$12,700**	**$12,100**	**$10,900**	**$17,300**	**$8,800**	**$7,900**	**$8,700**	**$5,988**	**$0**	**$0**

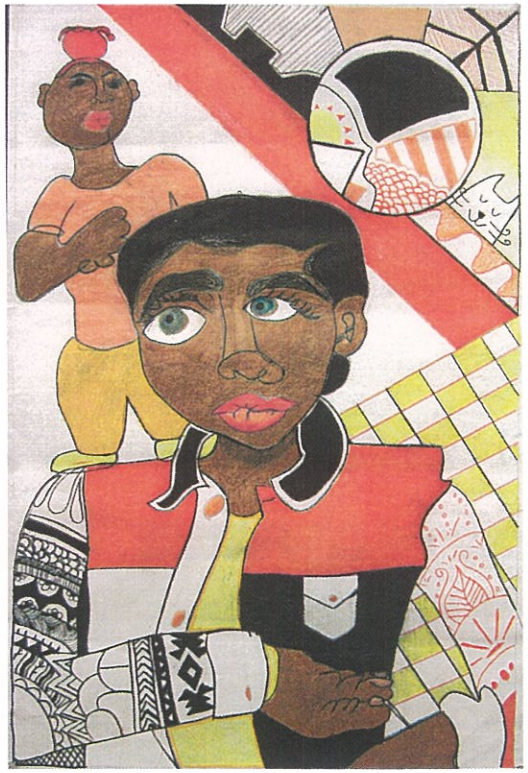
Grants Summary: FY07 – FY17 (continued)

OTHER GRANTS	FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	FY '13	FY '14	FY '15	FY '16	FY '17
Foundation											
MetroWest Community Health Care Foundation	$55,000	$55,000	$25,000	$0	$31,000	$17,200	$11,300	$0	$0	$0	$0
Metro West Mental Health Assessment								$1,190	$17,848	$0	$0
Metrowest Obesity Grant	$32,650										$0
Metrowest Health Foundation SBIRT											$7,400
Needham Education Foundation Small Grants	$39,207	$65,240	$40,342	$51,895	$28,126	$105,506	$69,683	$63,041	$136,608	$60,529	$40,718
Needham Education Foundation Large Grants	$30,000	$45,000	$13,927	$0	$61,394	$41,750	$21,500	$41,706	$95,540	$15,000	$9,999
Needham Education Foundation Collaborative Init.	$10,000	$10,000	$0	$0	$0	$6,800	$25,000	$111,500	$94,575	$106,742	$0
Needham Education Foundation Innovation Fund									$26,000	$0	$10,000
Needham Education Foundation ILI Specialist											$32,000
Needham Education Found Out of Cycle	$9,000										
Jason Foundation											
MA Biotechnology Ed Found BioTech Award	$8,800	$1,200	$0	$0	$0	$0	$0				
Smart Technologies	$22,872										
Needham Cong Church-Steps to Success	$18,000	$23,600	$0	$0	$0	$0	$0				
National Education Association (NEA)						$5,000	$0				
MA Department of Public Health											
Enhanced School Health Services	$72,395	$72,395	$148,000	$121,360	$121,360	$121,360	$121,360	$121,360	$121,360	$121,360	$121,360
DPH Public Health (Pass Through)		$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0
U.S. Environmental Protection Agency											
Environmental Education - Science Center					$44,510	$0	$0				
New England Dairy											
Dairy Coucil- Food Service								$3,784	$0	$0	$0
MA Cultural Council											
Creative Schools Program	$8,000	$8,000						$5,000	$0	$0	$0
Yellow Bus			$200				$200				
MA Travel & Tourism (Riverside Contract		$50,000									
Subtotal	**$362,597**	**$382,454**	**$285,061**	**$202,446**	**$359,800**	**$324,166**	**$295,718**	**$347,581**	**$491,931**	**$303,631**	**$221,477**

Revolving (Fee-Based) Fund Summary: FY14 – FY16

REVOLVING FUND	FY14 CURRENT REVENUE	FY14 TOTAL EXPENDED	FY14 ENDING BALANCE	FY15 CURRENT REVENUE	FY15 TOTAL EXPENDED	FY15 ENDING BALANCE	FY16 CURRENT REVENUE	FY16 TOTAL EXPENDED	FY16 ENDING BALANCE	NOTE
FEE BASED TRANSPORTATION	561,411	555,453	513,782	543,327	538,255	518,854	571,945	540,457	550,342	(1)
PRODUCTION CENTER FEE-BASED	14,725	14,414	12,432	19,504	21,932	10,005	30,607	39,907	705	
BROADMEADOW LEASE	14,719	14,719	0	14,221	14,221	0	13,410	13,410	0	
BROADMEADOW BOOK/EQUIPMENT	-	-	0	-	-	0	-	-	0	
ELIOT LEASE	12,142	12,142	(0)	16,694	16,694	0	16,590	16,590	0	
ELIOT BOOK/EQUIPMENT SALES	549	564	634	696	634	696	540	341	894	
HILLSIDE LEASE	6,734	6,734	-	9,226	9,226	0	10,205	10,205	0	
HILLSIDE LESLEY INTERNS	47,120	47,395	4,781	56,700	50,440	11,040	36,200	33,956	13,284	
HILLSIDE BOOK/EQUIPMENT SALES	-	-	1,360	-	211	1,149	384	531	1,001	
MITCHELL LEASE	16,105	15,368	737	14,154	13,754	1,137	13,937	14,674	400	
NEWMAN LEASE	19,026	19,026	0	18,729	18,729	0	19,361	19,361	0	
NEWMAN BOOK/EQUIPMENT SALE	953	1,014	1,760	1,127	473	2,415	-	465	1,950	
HIGH ROCK LOST BOOKS	10	-	238	-	-	238	-	-	238	
HIGH ROCK OVERNIGHT CAMP	-	-	-	-	-	-	-	-	-	
HIGH ROCK BOOK/EQUIPMENT SALES	821	1,688	2,420	-	-	2,420	-	-	2,420	
POLLARD JAPAN EXCHANGE	-	-	610	-	-	610	-	-	610	
POLLARD BOOK/EQUIPMENT SALES	9,991	12,360	209	9,267	9,282	194	1,767	1,961	-	
POLLARD LOST BOOKS	190		1,773	125	-	1,898	60	-	1,958	
POLLARD NON-RESIDENT TUITION	-		9,285	-		9,285	-		9,285	
HIGH SCHOOL TESTING	77,575	73,966	25,508	87,987	85,531	27,964	92,074	91,133	28,905	
HIGH SCHOOL BOOK/EQUIPMENT SALES			1,319	16,295	17,076	538	16,344	16,380	502	
HIGH SCHOOL LOCKERS	1,519	8	1,602	1,325	-	2,927	1,647	1,012	3,563	
HIGH SCHOOL TEXTBOOK RECOVERY	2,213	4,005	3,432	804	80	4,156	2,432	2,544	4,044	
HIGH SCHOOL PARKING	6,720	5,940	3,105	6,540	6,187	3,459	7,380	5,889	4,950	
HIGH SCHOOL NON-RESIDENT TUITION	-	10,124	5,168	-	2,404	2,765	-	-	2,765	
SPED OUT-OF-DISTRICT TUITION	9,180	9,180	279	-	-	279	12,700	12,700	279	
SPED NON-RESIDENT TUITION	112,857	117,559	48,881	79,450	127,264	1,067	47,567	51,910	(3,276)	
INTEGRATED PRESCHOOL	227,507	261,370	92,435	179,807	228,509	43,732	251,203	211,317	83,619	(2)
SCIENCE CENTER PROFESSIONAL DEVELOPME	2,790	3,497	1,036	-	0	1,036	-	-	1,036	
SCIENCE CENTER AFTER SCHOOOL PROGRAM	19,225	13,855	6,413	-	-	6,413	4,514	5,044	5,882	
MEDIA RECOVERY	2,933	1,000	4,273	1,483	355	5,401	2,717	3,237	4,880	
1-1 DEVICE SALES	87,244	-	87,244	(8,785)	70,936	7,522	11,460	4,511	14,472	
SCH PERFORMING GROUPS	20,808	27,907	4,503	19,665	22,172	1,996	23,250	20,951	4,295	
FEE-BASED ARTS INSTRUCTION	233,282	232,739	26,630	216,584	215,262	27,952	214,178	210,875	31,255	
FINE & PERFORMING ARTS SALES TO STUDEN	12,460	13,413	1,741	10,191	9,123	2,809	10,913	13,420	302	
GRAPHIC ARTS	65,119	77,392	26,117	61,969	57,627	30,459	63,368	68,136	25,692	
MUSICAL	28,456	22,847	21,475	27,733	26,964	22,245	33,283	26,800	28,728	
WORLD LANGUAGES FEE-BASED	3,350	2,891	588	3,449	2,554	1,483	2,850	2,457	1,876	
KINDERGARTEN AFTER SCHOOL ENRICH (KAS	985,910	939,090	718,282	964,098	1,046,106	636,275	964,496	1,138,587	462,184	(3)
ELEMENTARY AFTER SCHOOL ENRICH (EASE)	158,661	145,993	29,833	173,171	160,580	42,424	177,663	175,836	44,251	
POLLARD AFTER SCHOOL ENRICH (PAS)	114,605	116,835	6,992	113,783	119,856	919	143,725	122,234	22,410	
SUMMER SCHOOL	289,144	270,920	364,307	300,947	289,278	375,976	14,055	307,571	82,459	(4)
TUTORING	40	-	40	30	-	70	20	-	90	
SUMMER SPORTS CLINICS	24,996	18,243	33,939	24,600	15,240	43,299	6,060	22,207	27,152	
METCO REVOLVING FUND	1,650	1,826	2,832	2,867	3,127	2,572	1,118	105	3,585	
METCO SUMMER SCHOOL	-	-	39	-	-	39	-	-	39	

Revolving (Fee-Based) Funds: FY14 – FY16 (continued)

REVOLVING FUND	FY14 CURRENT REVENUE	FY14 TOTAL EXPENDED	FY14 ENDING BALANCE	FY15 CURRENT REVENUE	FY15 TOTAL EXPENDED	FY15 ENDING BALANCE	FY16 CURRENT REVENUE	FY16 TOTAL EXPENDED	FY16 ENDING BALANCE	NOTE
HIGH SCHOOL ATHLETICS	524,508	566,930	51,488	558,630	559,032	51,086	624,578	592,837	82,827	
FOOD SERVICES	2,051,681	2,073,343	957,013	2,076,145	2,079,419	953,739	2,017,239	2,402,102	568,876	(5)
ADULT EDUCATION	262,464	260,548	70,519	238,511	264,690	44,341	243,362	265,670	22,033	
STAFF DEVELOPMENT	4,885	12,018	24,240	2,998	21,244	5,994	5,455	7,000	4,449	
GRAND TOTAL REVOLVING	**6,036,278**	**5,984,316**	**3,171,295**	**5,864,045**	**6,124,462**	**2,910,878**	**5,710,657**	**6,474,325**	**2,147,210**	

(1) Transportation balance represents fee pre-collection for next fiscal year. Fund also requires fund balance equivalent to 1-3 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: $50,000 fee precollections, 3 months operations ($87,465), bus replacement reserve ($119,000), reserve for unrecovered FY13-FY health insurance expense ($188,719), 0.5 SPED Aide ($17,000.)
(4) Summer School fund balance represents pre-collection of fee revenues for summer classes in next fiscal year.
(5) Food Service includes assigned fund balances: 3 mo operating reserves ($282,406); fee precollections ($145,000); and remaining reserve for NHS dining/servery improvements ($141,470.)