

Selected Indicators – Needham Comparable Communities

Topic Org Name	2021			Enrollment (2021-22 school year)				Grade 10 MCAS (2022)				Grades 3-8 MCAS (2022)			
	Region	\$/In-district per pupil	Relative District Wealth	Total Enrollment (2021-22)	EL %	Low Inc %	SWD %	ELA % M/E	Math % M/E	ELA Avg SGP	Math Avg SGP	ELA % M/E	Math % M/E	ELA Avg SGP	Math Avg SGP
Brookline	Gr Boston	\$25,185	202%	6,928	9%	14%	18%	82%	81%	53.1	58.5	70%	69%	62.8	61.6
Concord	Gr Boston	\$22,515	180%	1,998	2%	10%	17%					67%	65%	53.9	45.5
Concord-Carlisle	Gr Boston	\$21,625	174%	1,323	1%	9%	19%	86%	80%	63.0	64.5				
Dedham	Gr Boston	\$23,402	130%	2,567	5%	30%	22%	62%	67%	57.2	62.5	43%	43%	49.4	54.3
Dover	Gr Boston	\$20,756	260%	489	2%	4%	13%					67%	78%	51.0	54.4
Dover-Sherborn	Gr Boston	\$21,708	226%	1,160	0%	6%	18%	82%	82%	52.9	59.1	71%	71%	50.4	49.5
Framingham	Gr Boston	\$20,778	54%	8,824	30%	55%	22%	54%	46%	59.2	56.9	27%	24%	43.8	45.4
Holliston	Gr Boston	\$14,659	76%	2,809	2%	12%	17%	70%	78%	47.0	52.2	55%	58%	56.2	58.9
Hopkinton	Gr Boston	\$15,741	82%	4,006	7%	8%	13%	86%	82%	57.8	49.8	74%	76%	60.0	64.9
Lexington	Gr Boston	\$20,176	124%	6,790	8%	9%	14%	88%	86%	55.7	57.1	75%	78%	62.6	64.4
Medfield	Gr Boston	\$17,733	105%	2,530	1%	9%	13%	83%	83%	63.6	60.3	68%	70%	55.3	57.6
Natick	Gr Boston	\$16,048	104%	5,308	3%	14%	17%	77%	71%	51.0	56.6	62%	64%	56.3	58.5
Needham	Gr Boston	\$20,287	147%	5,515	3%	8%	18%	83%	82%	52.3	47.9	68%	69%	60.8	64.2
Newton	Gr Boston	\$23,286	213%	11,974	6%	13%	18%	80%	79%	59.9	67.8	65%	68%	56.4	60.6
Norwood	Gr Boston	\$19,074	87%	3,444	13%	40%	23%	63%	51%	52.8	55.4	38%	43%	46.2	48.9
Sherborn	Gr Boston	\$20,453	183%	403	2%	6%	14%					63%	61%	59.2	52.5
Walpole	Gr Boston	\$16,531	91%	3,667	4%	17%	15%	68%	65%	47.2	45.6	54%	60%	46.4	47.6
Wellesley	Gr Boston	\$23,172	258%	4,290	2%	7%	17%	82%	83%	50.5	71.3	72%	71%	56.9	54.1
Weston	Gr Boston	\$30,201	408%	1,948	3%	8%	17%	88%	87%	50.3	52.9	74%	75%	57.6	56.3
Westwood	Gr Boston	\$20,486	135%	2,894	1%	7%	20%	79%	76%	55.1	54.7	71%	70%	54.2	55.4
Winchester	Gr Boston	\$16,020	127%	4,362	3%	7%	17%	89%	83%	60.7	56.3	69%	68%	53.9	58.1

Eco Dis %: Percent economically disadvantaged
 SWD %: Percent students with disabilities
 EL %: Percent of English Learners

Source: Department of Elementary and Secondary Education

Selected Indicators – Needham Source of Funds

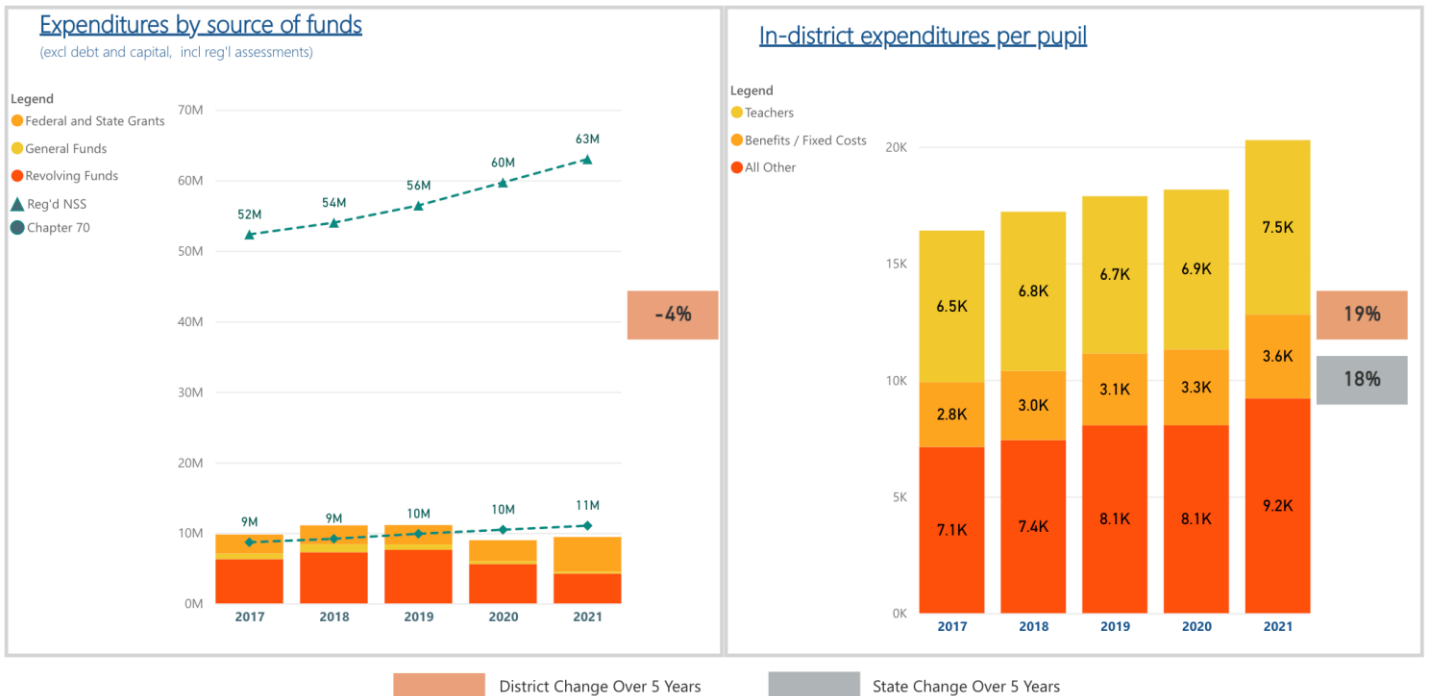
Per Pupil Expenditures, All Funds



Year	In-District Expenditures	Total In-district FTEs	In-District Expenditures per Pupil	Total Expenditures	Total Pupil FTEs	Total Expenditures per Pupil
2021	\$111,679,487.23	5,531.0	\$20,191.55	\$119,127,012.65	5,633.4	\$21,146.56
2020	\$104,056,199.89	5,728.4	\$18,164.97	\$111,833,201.23	5,826.8	\$19,192.90

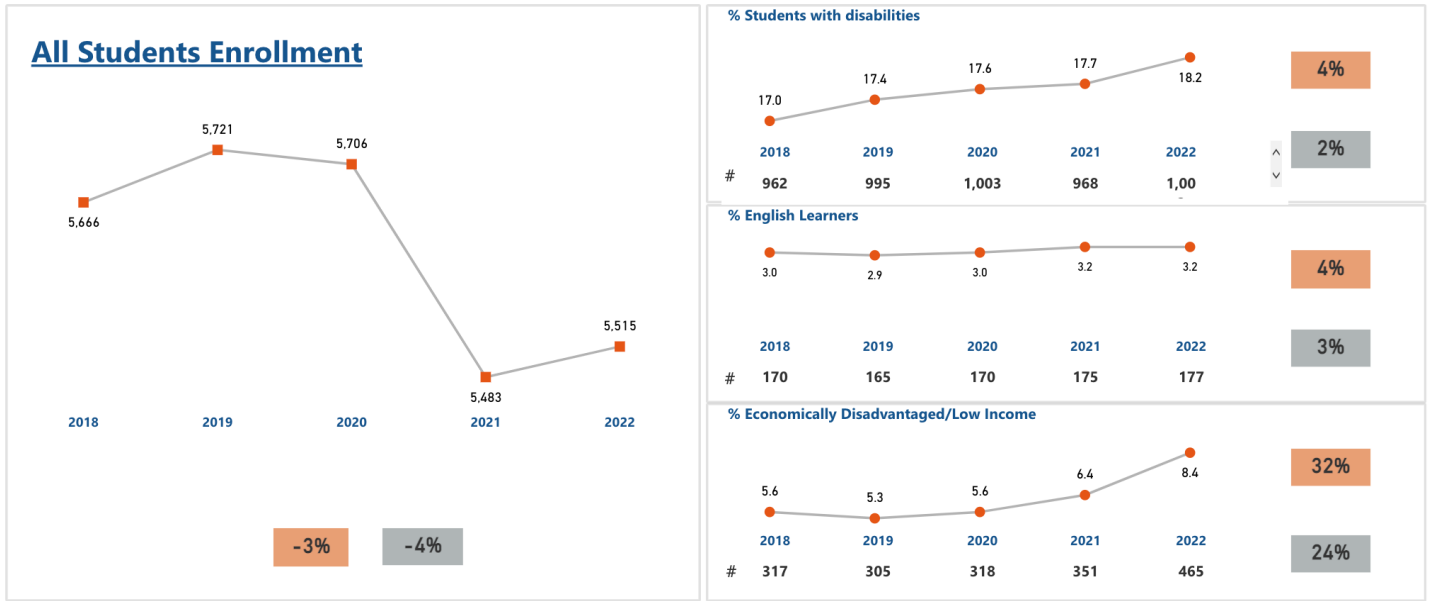
Chapter 70 Foundation Budget and Net School Spending

Year	Required NSS	Actual NSS	Amount Over or Under Required	Actual NSS as % of Required	Foundation Budget	Actual NSS as % OF Foundation
2020	\$59,699,044.00	\$102,225,616.00	\$42,526,572.00	171	\$59,693,732.00	171



Source: Department of Elementary and Secondary Education

Selected Indicators – Needham Student Demographics



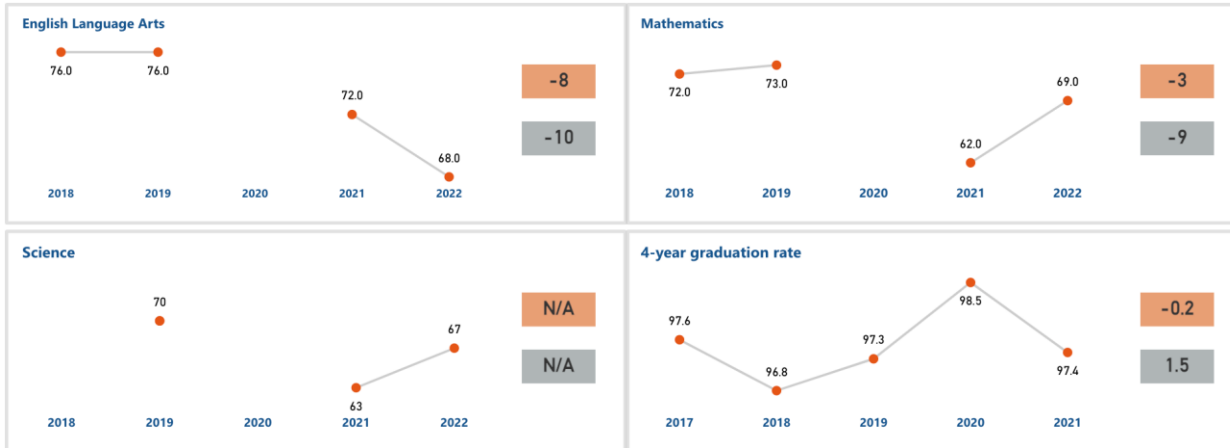
District Change Over 5 Years
 State Change Over 5 Years

Enrollment by Race/Ethnicity (2022-23)		
Race	% of District	% of State
African American	3.3	9.4
Asian	10.9	7.3
Hispanic	7.0	24.2
Native American	0.0	0.2
White	72.6	54.4
Native Hawaiian, Pacific Islander	0.1	0.1
Multi-Race, Non-Hispanic	6.1	4.4

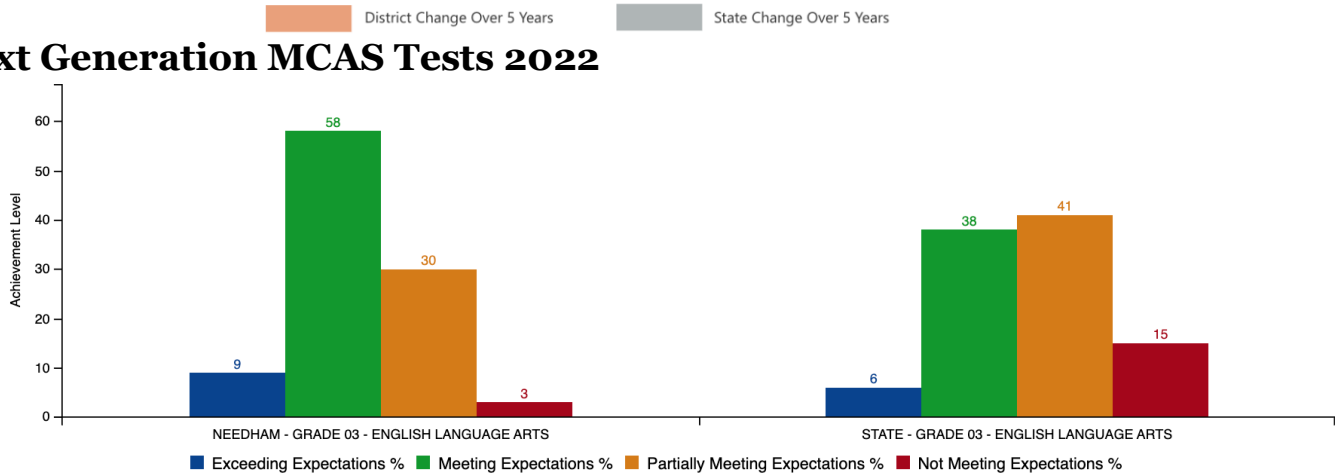
Enrollment by Gender (2022-23)		
	District	State
Female	2,692	442,564
Male	2,819	469,563
Non-Binary	14	1,608
Total	5,525	913,735

Source: Department of Elementary and Secondary Education

Selected Indicators – Needham MCAS



Next Generation MCAS Tests 2022



Grade and Subject	Meeting or Exceeding Expectations %		Exceeding Expectations %		Meeting Expectations %		Partially Meeting Expectations %		Not Meeting Expectations %		No. of Students Included	Part. Rate %	Avg. Scaled Score	Avg. SGP	Included in Avg. SGP
	District	State	District	State	District	State	District	State	District	State					
GRADE 03 - ENGLISH LANGUAGE ARTS	67	44	9	6	58	38	30	41	3	15	430	100	507	N/A	N/A
GRADE 03 - MATHEMATICS	59	41	11	6	47	35	33	39	8	20	429	99	504	N/A	N/A
GRADE 04 - ENGLISH LANGUAGE ARTS	58	38	8	4	50	34	34	46	8	16	437	99	502	56	395
GRADE 04 - MATHEMATICS	62	42	7	6	55	37	30	40	8	17	438	99	504	58	395
GRADE 05 - ENGLISH LANGUAGE ARTS	64	41	13	5	51	36	32	46	4	13	434	99	508	59	415
GRADE 05 - MATHEMATICS	65	36	9	4	56	32	32	48	4	16	437	100	507	57	418
GRADE 05 - SCIENCE AND TECH/ENG	65	43	11	7	53	36	27	40	8	18	436	99	506	N/A	N/A
GRADE 06 - ENGLISH LANGUAGE ARTS	73	41	30	8	44	33	22	36	4	22	453	100	515	64	414
GRADE 06 - MATHEMATICS	79	42	20	5	60	37	19	43	2	15	452	100	515	68	411
GRADE 07 - ENGLISH LANGUAGE ARTS	66	41	12	5	54	36	27	40	7	19	386	100	507	59	358
GRADE 07 - MATHEMATICS	72	37	22	7	51	31	23	44	5	19	386	100	512	70	356
GRADE 08 - ENGLISH LANGUAGE ARTS	78	42	22	7	56	35	17	40	4	18	446	98	515	65	416
GRADE 08 - MATHEMATICS	77	36	32	7	45	29	20	47	3	17	444	97	517	69	412
GRADE 08 - SCIENCE AND TECH/ENG	68	42	16	6	53	36	26	41	6	18	436	96	509	N/A	N/A
GRADE 10 - ENGLISH LANGUAGE ARTS	83	58	21	9	62	49	16	34	1	8	423	99	516	52	386
GRADE 10 - MATHEMATICS	82	50	26	11	56	38	16	40	2	10	418	98	517	48	384
GRADE 10 - SCIENCE AND TECH/ENG	79	47	17	9	62	38	19	40	3	14	411	99	514	N/A	N/A
GRADES 03 - 08 - ENGLISH LANGUAGE ARTS	68	41	16	6	52	35	27	42	5	17	2,586	99	509	61	1,998
GRADES 03 - 08 - MATHEMATICS	69	39	17	6	52	33	26	43	5	17	2,586	99	510	64	1,992
GRADES 05 & 08 - SCIENCE AND TECH/ENG	67	42	14	6	53	36	26	40	7	18	872	97	508	N/A	N/A

Source: Department of Elementary and Secondary Education

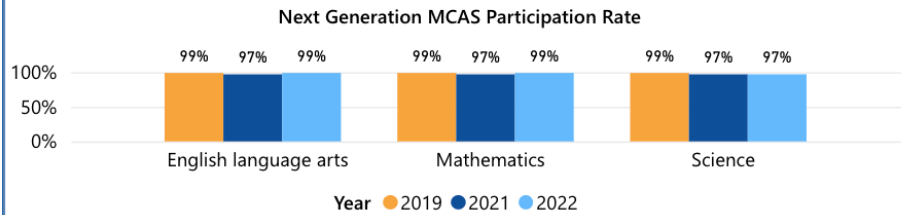
Selected Indicators – Needham MCAS

MCAS Results: Non-High School (Grades 3-8)

Next Generation MCAS Average Scaled Score				
Subject	2019	2021	2022	2022 # Included
English language arts	515.4	511.1	509.1	2586
Mathematics	512.2	505.7	510.0	2586
Science	510.3	507.2	507.7	872

Next Generation MCAS Percent of Students Meeting or Exceeding Expectations				
Subject	2019	2021	2022	2022 # Included
English language arts	76	72	68	2586
Mathematics	73	62	69	2586
Science	70	62	67	872

Next Generation MCAS Average Student Growth Percentile (SGP)				
Subject	2019	2021	2022	2022 # Included
English language arts	59.2	48.5	60.8	1998
Mathematics	56.9	48.5	64.2	1992

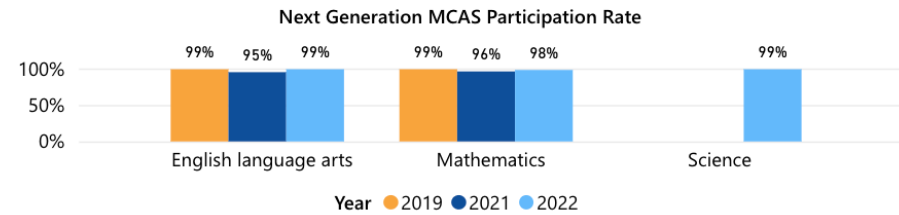


MCAS Results: High School (Grade 10)

Next Generation MCAS Average Scaled Score				
Subject	2019	2021	2022	2022 # Included
English language arts	519.6	524.7	515.9	423
Mathematics	523.0	520.3	517.3	418
Science			514.0	411

Next Generation MCAS Percent of Students Meeting or Exceeding Expectations				
Subject	2019	2021	2022	2022 # Included
English language arts	84	90	83	423
Mathematics	88	85	82	418
Science			79	411

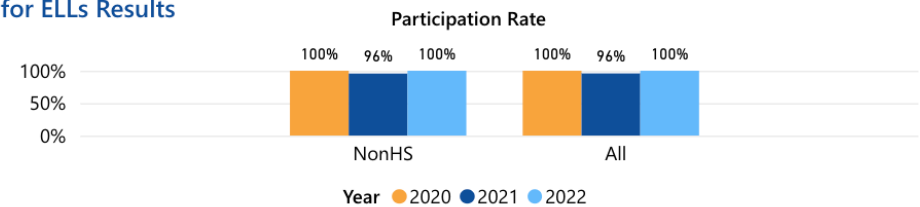
Next Generation MCAS Average Student Growth Percentile (SGP)				
Subject	2019	2021	2022	2022 # Included
English language arts	50.2	49.3	52.3	386
Mathematics	55.7	39.1	47.9	384



Percent of Students Making Progress

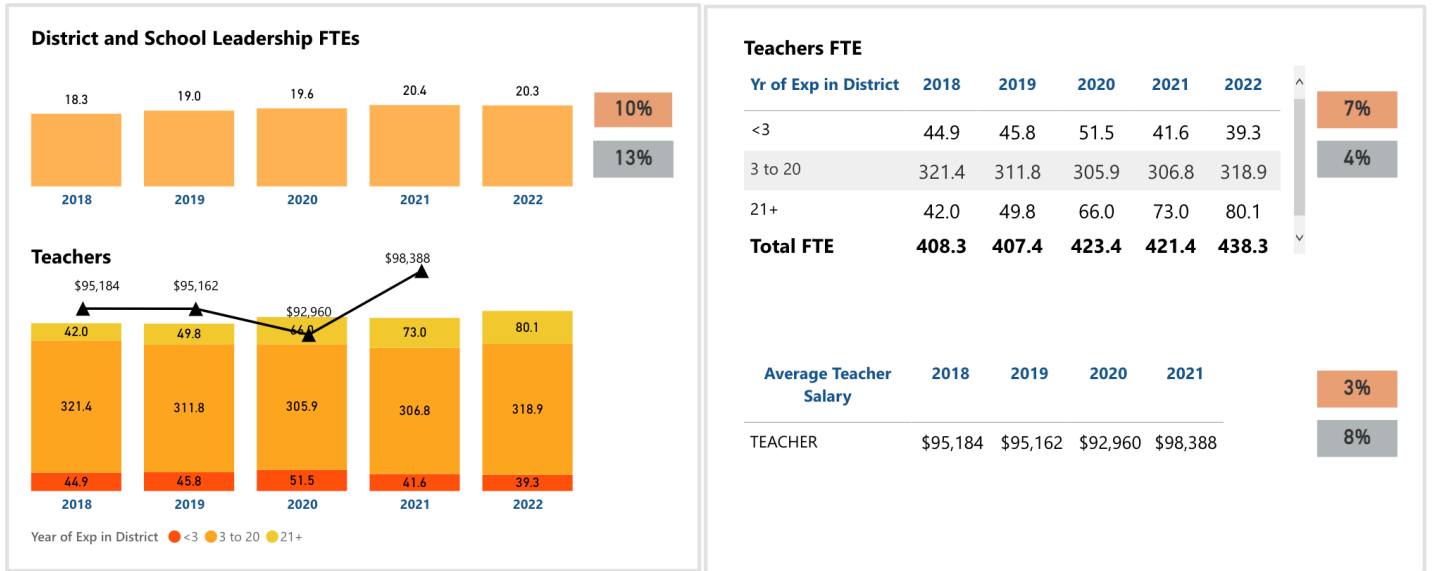
Gradespan	2020	2021	2022
Non-High School (1-8)	86.3	84.0	75.0
All Grades 1-12	83.7	80.6	72.1

ACCESS for ELLs Results



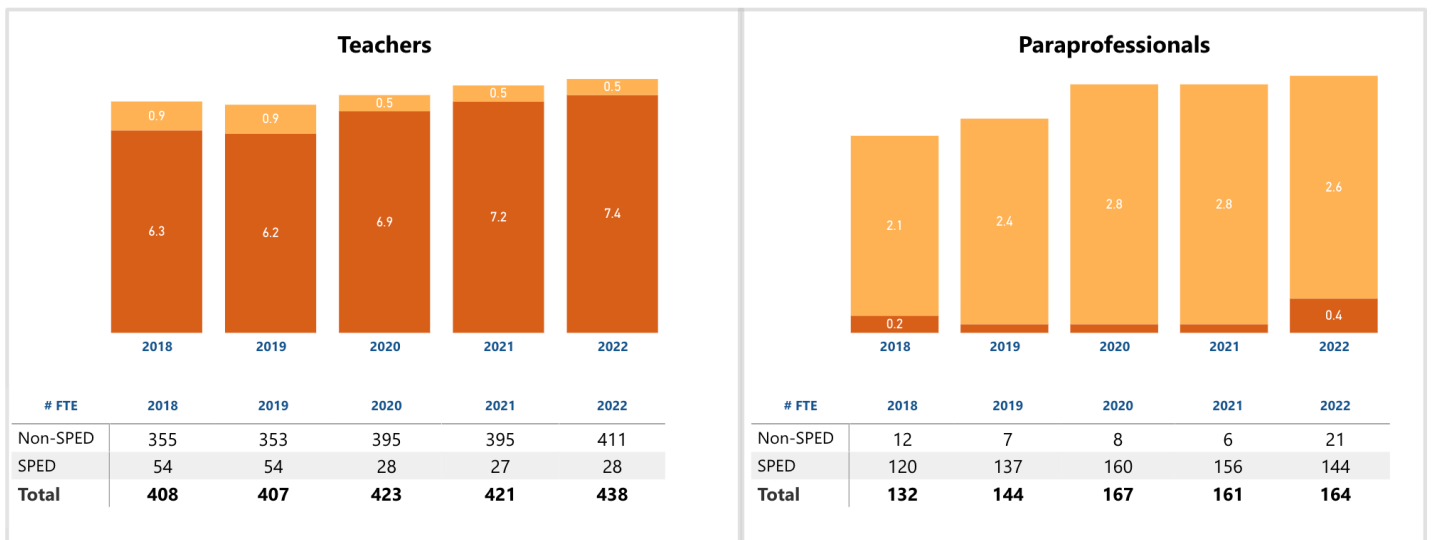
Source: Department of Elementary and Secondary Education

Selected Indicators – Needham Teaching Staff



District Change Over 5 Years
 State Change Over 5 Years

Selected Indicators – Needham Teaching Staff Per 100 Students



Source: Department of Elementary and Secondary Education

Selected Indicators – Needham Teaching Staff

Teacher Data (2021-22)



	District	State
Total # of Teachers (FTE)	438.3	76,328.8
Student/Teacher Ratio	12.6 to 1	11.9 to 1
% of Teachers Licensed	99.7	97.8
Percent of teachers licensed in low poverty schools	99.7	99.3
Percent of teachers licensed in high poverty schools	-	96.0
Percent of teachers without waiver	99.8	99.8
Percent of teachers without waiver in high poverty schools	-	99.7
Percent of teachers without waiver in low poverty schools	99.8	100.0
Percent of teachers without provisional license	97.7	93.6
Percent of teachers without provisional license in high poverty schools	-	90.8
Percent of teachers without provisional license in low poverty schools	97.7	96.3
Percent of teachers without waiver or provisional license	97.5	93.5
Percent of teachers without waiver or provisional license in high poverty schools	-	90.7
Percent of teachers without waiver or provisional license in low poverty schools	97.5	96.2
Percent of experienced teachers	88.3	82.6
Percent of experienced teachers in high poverty schools	-	73.6
Percent of experienced teachers in low poverty schools	88.3	88.1
Percent teaching in-field	98.3	93.4
Percent teaching in-field in high poverty schools	-	88.8
Percent teaching in-field in low poverty schools	98.4	96.8

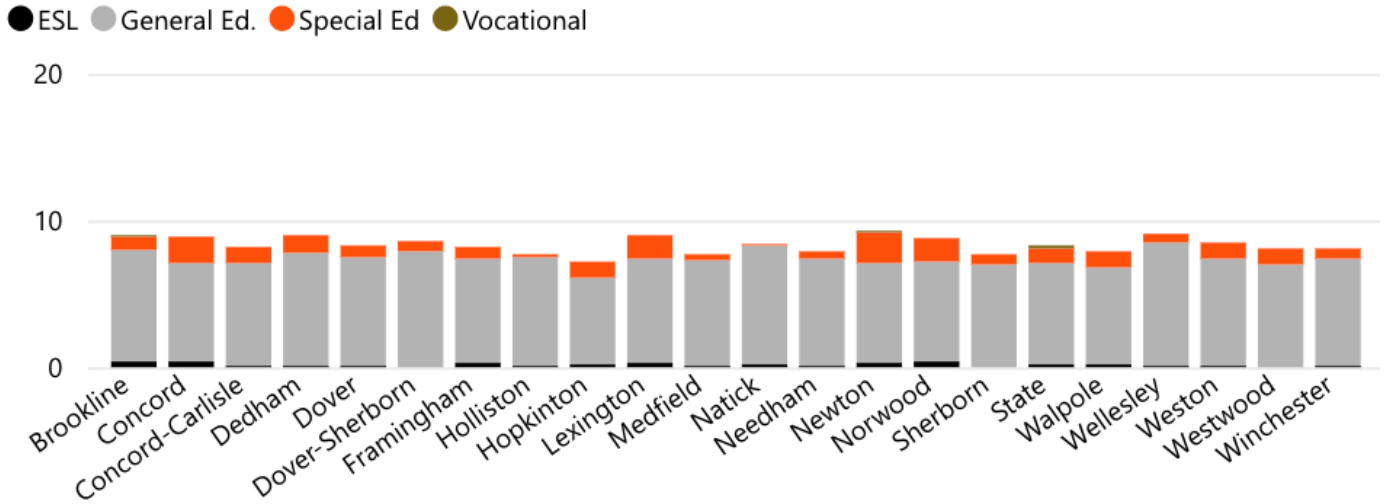
Administrator Data (2021-22)

	District	State
Percent of experienced administrators	84.2	74.0
Percent of experienced administrators in high poverty schools	-	60.6
Percent of experienced administrators in low poverty schools	78.4	79.7

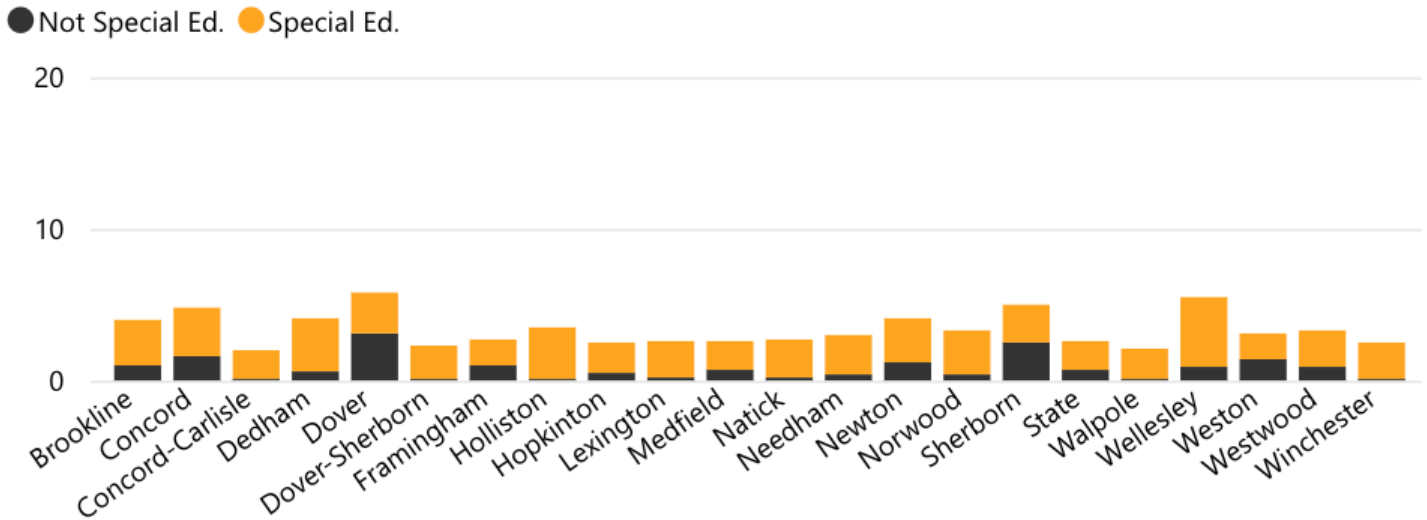
Source: Department of Elementary and Secondary Education

Selected Indicators – Staff FTE per 100 Students in Comparison Communities

Teachers



Paraprofessional



Source: Department of Elementary and Secondary Education

2022 GRADUATES - SCHOOLS ATTENDED

American University (2)	Howard University	The Ohio State U. - Main Campus (4)
Ave Maria University	Indiana University - Bloomington (6)	The University of Alabama (2)
Babson College (3)	Ithaca College	Trinity College (5)
Barnard College (2)	Johns Hopkins University (2)	Tufts University (4)
Bates College (2)	Johnson & Wales U. - Providence	Tulane University of Louisiana (3)
Bentley University (3)	Kenyon College	Union College
Boston College (7)	Lasell University	University of Arizona
Boston University (6)	Lehigh University	University of California - San Diego
Bowdoin College (2)	Loyola University Chicago (2)	University of California - Santa Barbara
Brandeis University (6)	Mass Bay Community College (2)	University of Chicago (2)
Brown University (4)	Mass College of Art and Design	University of Colorado Boulder (7)
Bryant University (2)	Mass Coll of Pharm. & Health Sciences	University of Connecticut (8)
Bucknell University	McGill University (4)	University of Dayton
Cal Poly State U. - San Luis Obispo	Merrimack College (7)	University of Delaware (4)
Carnegie Mellon University	Miami University - Oxford (3)	University of Denver
Case Western Reserve University (2)	Michigan State University (2)	University of Illinois at Urbana-Champaign
Champlain College	Middlebury College	University of Maine
Chapman University	New York University (6)	University of Maryland - College Park (12)
Clark University (2)	Northeastern University (13)	University of Massachusetts - Amherst (31)
Clemson University (3)	Northwestern University	University of Massachusetts - Boston (4)
Colby College (2)	Occidental College	University of Massachusetts - Dartmouth
Colgate University (2)	Pace University	University of Massachusetts - Lowell (5)
College of Charleston (3)	Parsons School of Design (2)	University of Miami (5)
Colorado College	Penn State University - U. Park (8)	University of Michigan (3)
Columbia University	Post University	University of Missouri - Columbia
Cooper Union	Pratt Institute	University of New Hampshire (4)
Cornell University (3)	Providence College (6)	University of Northern Colorado
CUNY Bernard M Baruch College	Purdue University - Main Campus (5)	University of Oregon
Curry College	Queen's University	University of Pennsylvania (2)
Dean College	Quinnipiac University (2)	University of Pittsburgh (3)
Delaware Valley University	Rensselaer Polytechnic Institute (4)	University of Rhode Island (4)
Durham University	Rice University	University of Rochester (4)
Eckerd College	Rochester Institute of Tech- Croatia	University of Toronto
Elon University (9)	Roger Williams University (4)	University of Valley Forge
Embry-Riddle Aero.I U. - D. Beach	Rutgers University - New Brunswick (2)	University of Vermont (12)
Emerson College (3)	Salve Regina University (3)	University of Virginia (3)
Emmanuel College (2)	Santa Clara University (2)	University of Wisconsin - Madison (4)
Emory University (2)	School of the Art Inst of Chicago (2)	Vanderbilt University (2)
Fairfield University (5)	Simmons University (3)	Villanova University (6)
Florida Atlantic University	Skidmore College (2)	Virginia Polytech Inst and State University
Florida Institute of Technology	St. Lawrence University	Wagner College
Fordham University (3)	Stonehill College	Wake Forest University
Framingham State University	SUNY University at Buffalo	Washington University in St. Louis
George Washington University (3)	Swarthmore College	Wesleyan University (2)
Georgetown University	Syracuse University (11)	Westfield State University (5)
Guilford College	The College of William and Mary (3)	Worcester Polytechnic Institute (3)
Hamilton College (3)	The New School	Yale University
Haverford College		

Source: Guidance Department