Selected Indicators – Needham Comparable Communities

Topic		2022		Enrollment (2022-23 school year)				Grade 10 MCAS (2023)			Grades 3-8 MCAS (2023)			
Org Name	Region	$/In-district per pupil	Relative District Wealth	Total Enrollment (2022-23)	EL %	Low Inc %	SWD %	ELA % M/E	Math % M/E	ELA Avg SGP	ELA % M/E	Math % M/E	ELA Avg SGP	Math Avg SGP
Brookline	Gr Boston	24,819	224.4%	7,060	11.3	13.8	18.0	84.0	82.0	56.8	69.0	70.0	57.3	57.0
Concord	Gr Boston	23,214	189.0%	1,946	2.6	8.4	18.0				73.0	68.0	59.5	50.8
Concord-Carlisle	Gr Boston	23,059	186.8%	1,306	0.4	7.8	18.7	85.0	80.0	61.2				
Dedham	Gr Boston	23,401	126.4%	2,555	6.2	27.1	21.0	64.0	69.0	57.4	46.0	47.0	47.9	52.5
Dover	Gr Boston	21,097	238.3%	502	2.0	3.8	15.1				62.0	72.0	45.3	46.0
Dover-Sherborn	Gr Boston	22,842	209.8%	1,151	0.4	5.6	17.5	86.0	88.0	53.2	72.0	70.0	56.4	45.6
Framingham	Gr Boston	21,455	55.5%	9,274	34.7	55.6	21.8	51.0	49.0	49.2	27.0	22.0	47.7	46.9
Holliston	Gr Boston	15,364	75.7%	2,776	2.8	10.3	17.6	72.0	71.0	48.7	61.0	62.0	57.4	58.2
Hopkinton	Gr Boston	15,652	84.1%	4,163	5.7	6.7	13.5	88.0	87.0	58.1	75.0	78.0	52.2	59.0
Lexington	Gr Boston	21,352	167.2%	6,845	8.5	7.6	14.7	90.0	92.0	58.3	76.0	79.0	58.2	58.9
Medfield	Gr Boston	18,018	105.5%	2,513	1.2	8.0	13.8	85.0	82.0	56.5	73.0	71.0	55.3	50.4
Natick	Gr Boston	17,178	110.4%	5,346	4.0	13.0	17.1	79.0	73.0	56.3	65.0	66.0	54.8	53.3
Needham	Gr Boston	21,790	147.3%	5,525	3.1	8.2	18.2	82.0	88.0	50.9	68.0	69.0	56.0	56.8
Newton	Gr Boston	23,571	214.4%	11,882	6.6	13.3	18.6	81.0	81.0	55.0	66.0	68.0	55.8	56.5
Norwood	Gr Boston	19,674	85.9%	3,486	14.6	39.6	25.3	56.0	45.0	50.2	37.0	40.0	46.9	48.6
Sherborn	Gr Boston	20,660	173.7%	401	1.2	5.0	17.1				66.0	69.0	59.3	64.7
Walpole	Gr Boston	18,458	90.6%	3,649	4.1	15.0	16.0	67.0	73.0	50.1	56.0	62.0	51.2	50.3
Wellesley	Gr Boston	23,732	269.3%	4,158	2.5	7.6	17.3	87.0	89.0	52.8	76.0	77.0	56.8	59.2
Weston	Gr Boston	29,286	387.4%	2,000	3.3	7.9	17.2	86.0	82.0	54.4	75.0	74.0	55.9	49.2
Westwood	Gr Boston	21,956	136.7%	2,890	0.8	7.8	21.3	80.0	80.0	55.1	71.0	72.0	53.4	54.9
Winchester	Gr Boston	17,022	140.6%	4,333	3.3	6.9	15.9	87.0	87.0	58.3	69.0	70.0	54.2	56.0

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

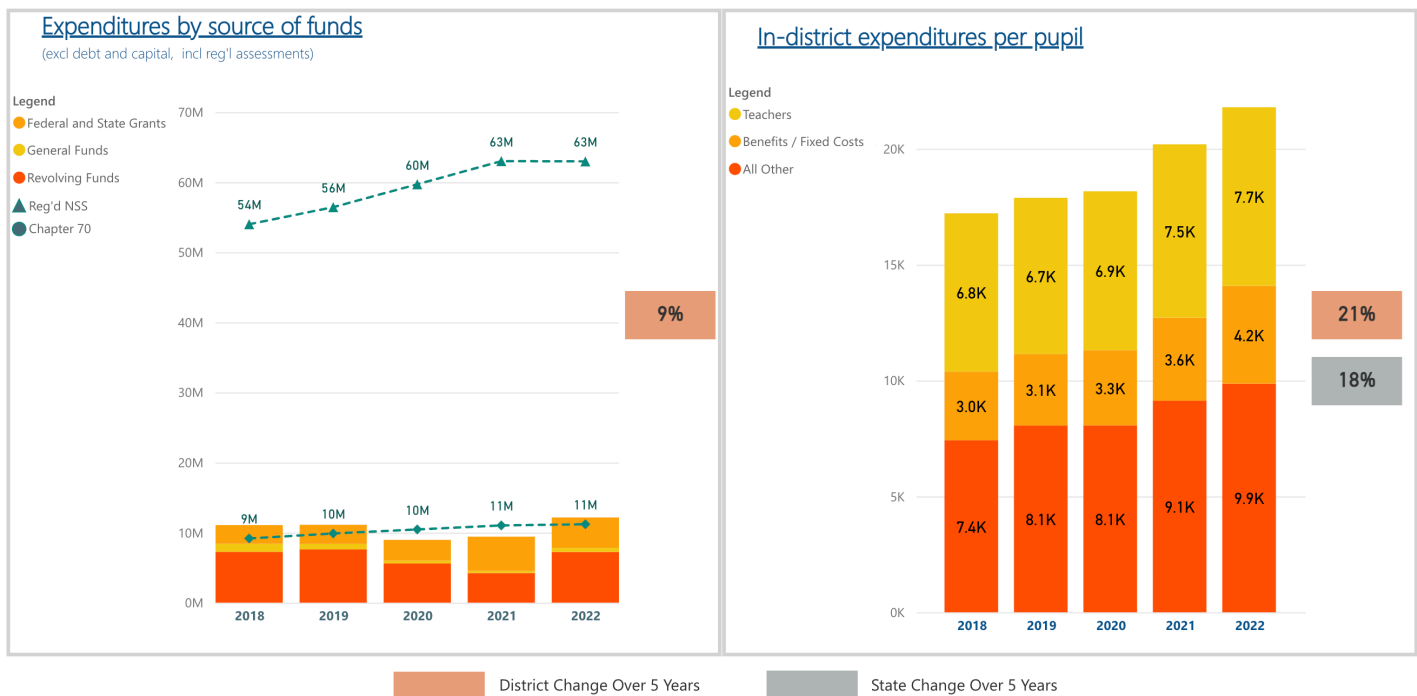Source: Department of Elementary and Secondary Education

Gavrielle Grappo, Grade 9
Wheel Vase

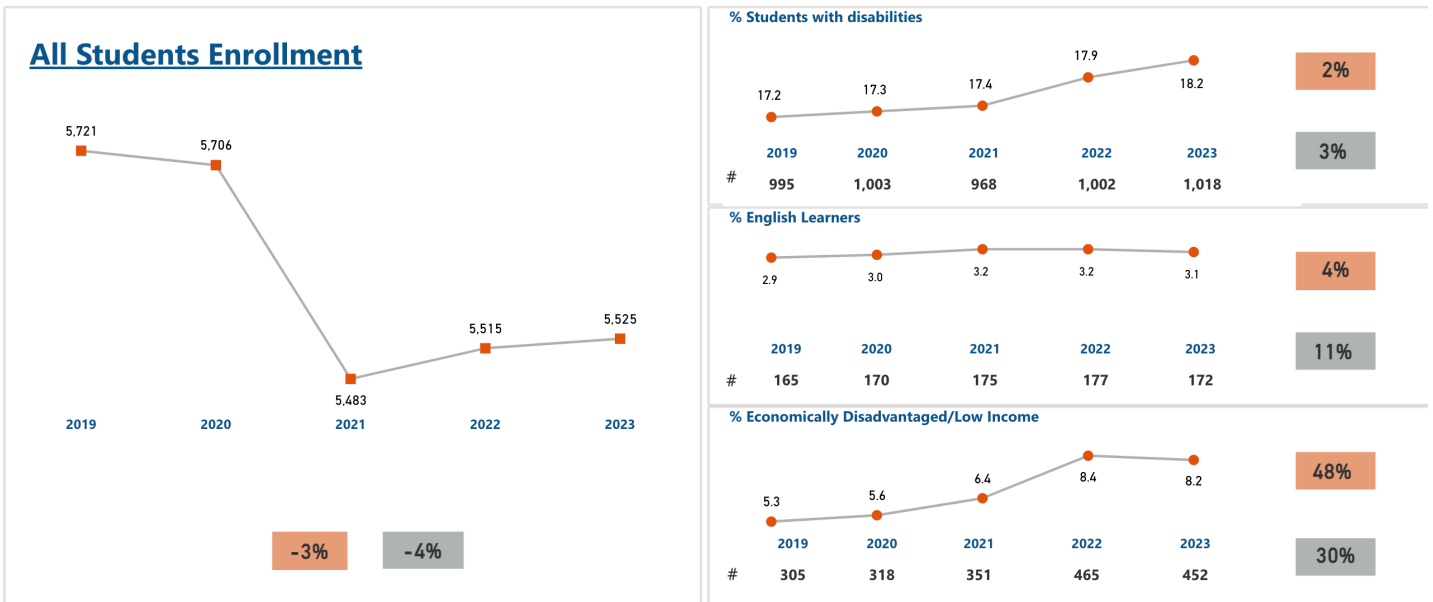# Selected Indicators – Needham Source of Funds

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
2022	$121,188,347.97	5,561.6	$21,790.19	$128,972,521.82	5,654.6	$22,808.43
2021	$111,679,487.23	5,531.0	$20,191.55	$119,127,012.65	5,633.4	$21,146.56

Expenditures by source of funds
(excl debt and capital, incl reg'l assessments)

Legend
- ● Federal and State Grants
- ● General Funds
- ● Revolving Funds
- ▲ Reg'd NSS
- ● Chapter 70

In-district expenditures per pupil

Legend
- ● Teachers
- ● Benefits / Fixed Costs
- ● All Other

District Change Over 5 Years   State Change Over 5 Years

Source: Department of Elementary and Secondary Education

Selected Indicators – 2019-2023, 2024 Needham Student Demographics

All Students Enrollment

Year	Enrollment
2019	5,721
2020	5,706
2021	5,483
2022	5,515
2023	5,525

District Change Over 5 Years: −3%
State Change Over 5 Years: −4%

% Students with disabilities

2019	2020	2021	2022	2023
17.2	17.3	17.4	17.9	18.2
# 995	1,003	968	1,002	1,018

District Change Over 5 Years: 2%
State Change Over 5 Years: 3%

% English Learners

2019	2020	2021	2022	2023
2.9	3.0	3.2	3.2	3.1
# 165	170	175	177	172

District Change Over 5 Years: 4%
State Change Over 5 Years: 11%

% Economically Disadvantaged/Low Income

2019	2020	2021	2022	2023
5.3	5.6	6.4	8.4	8.2
# 305	318	351	465	452

District Change Over 5 Years: 48%
State Change Over 5 Years: 30%

District Change Over 5 Years / State Change Over 5 Years

Enrollment by Race/Ethnicity (2023-24)		
Race	% of District	% of State
African American	3.2	9.6
Asian	11.7	7.4
Hispanic	7.1	25.1
Native American	0.0	0.2
White	71.6	53.0
Native Hawaiian, Pacific Islander	0.1	0.1
Multi-Race, Non-Hispanic	6.3	4.5

Enrollment by Gender (2023-24)		
	District	State
Female	2,739	442,952
Male	2,787	470,307
Non-Binary	15	1,700
Total	5,541	914,959

Source: Department of Elementary and Secondary Education

Selected Indicators – 2019-2023 Needham MCAS

Percentage of students exceeding or meeting expectations on the Grades 3-8 Next Generation MCAS for ELA, Math, and Grade 10 Science. 4-year cohort graduation rate.

English Language Arts

76.0

72.0

68.0   68.0

| -8 |
| -10 |

2019   2020   2021   2022   2023

Mathematics

73.0

69.0   69.0

62.0

| -4 |
| -8 |

2019   2020   2021   2022   2023

Science

70.1

67.0

62.5

64.0

| -6 |
| -53 |

2019   2020   2021   2022   2023

4-year graduation rate

98.5

97.3

96.8

97.4

98.0

| 1.2 |
| 2.2 |

2018   2019   2020   2021   2022
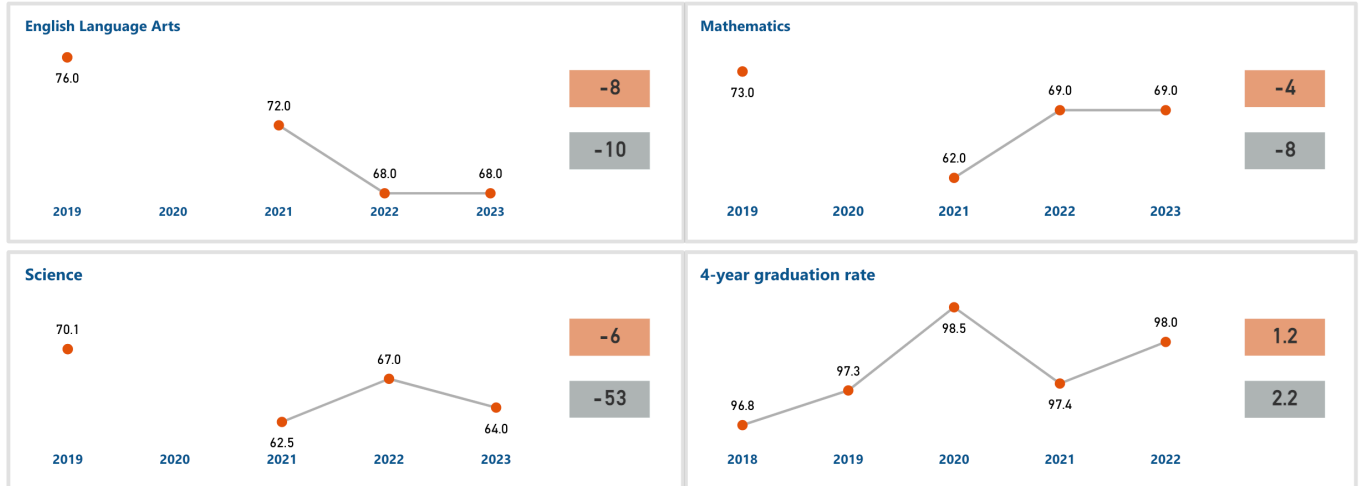
■ District Change Over 5 Years   ■ State Change Over 5 Years

Cameron Young, Grade 10, Visual Find

Scholarship • Citizenship • Community • Personal Growth

Next Generation MCAS Tests 2023

Next Generation MCAS Tests 2023
Percent of Students at Each Achievement Level for Needham
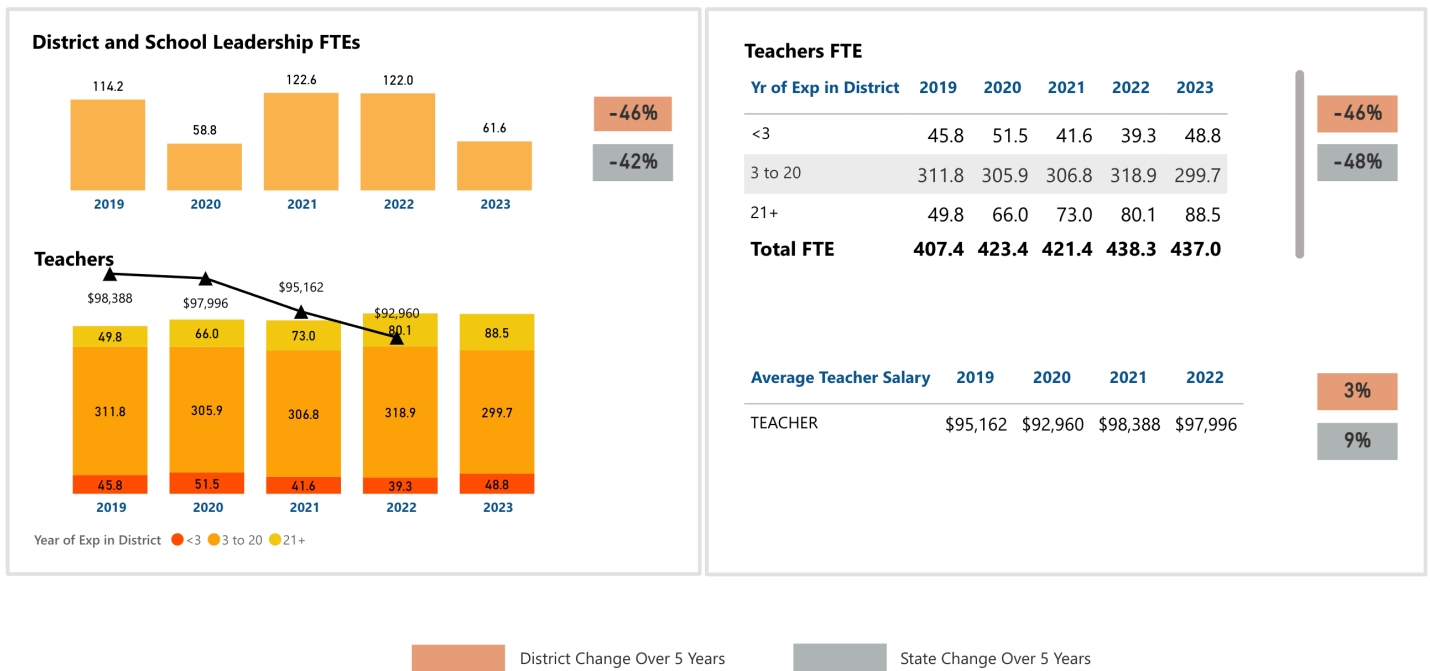**Data Last Updated September 19, 2023.**
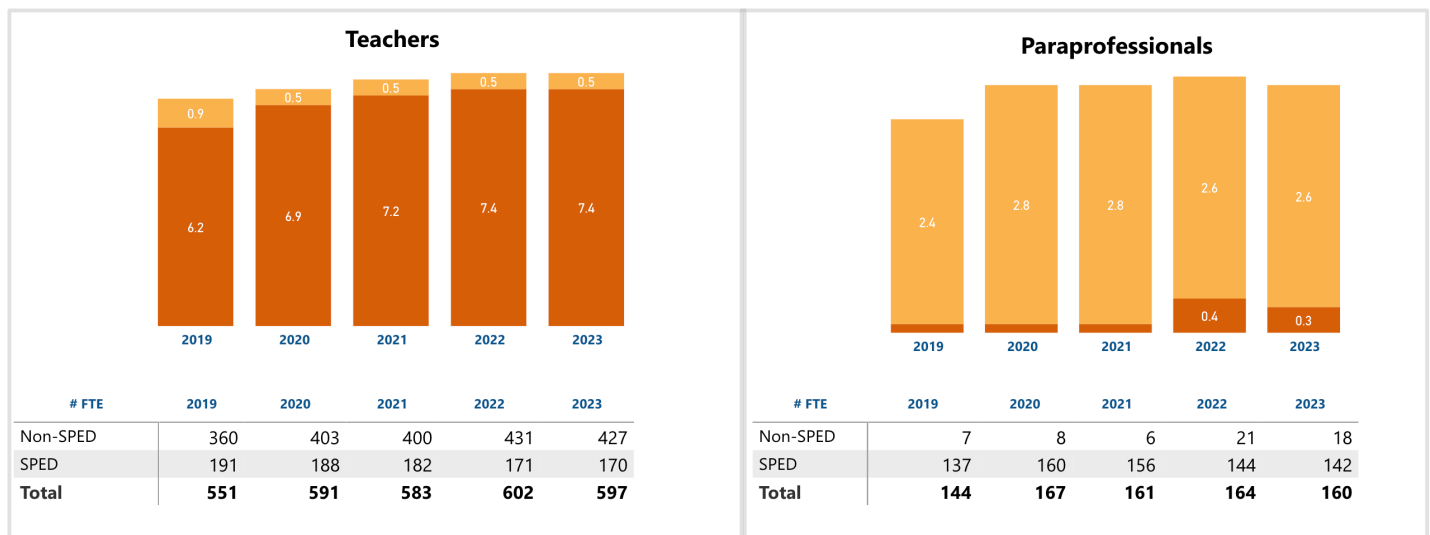
More about the data
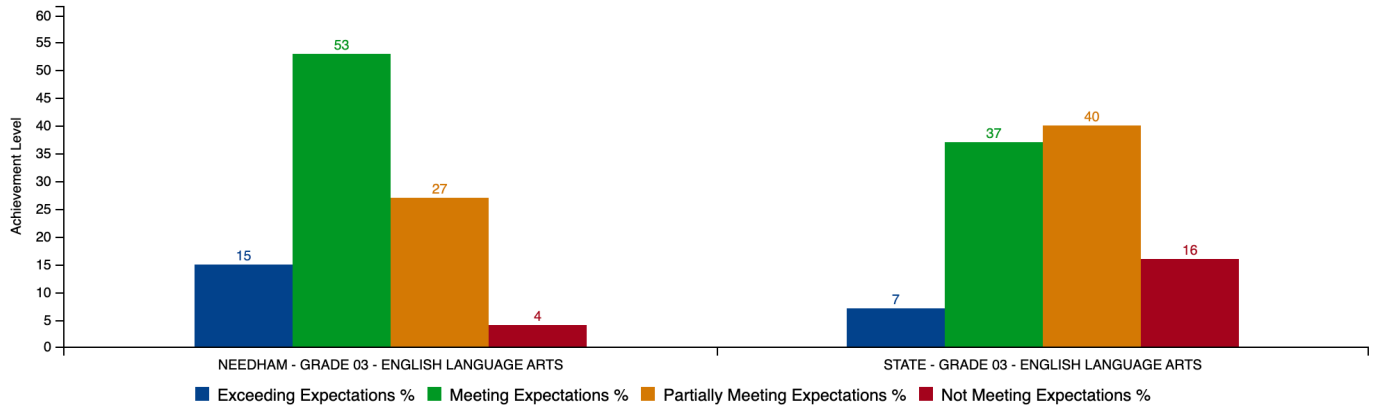
Grade and Subject	Meeting or Exceeding Expectations %		Exceeding Expectations %		Meeting Expectations %		Partially Meeting Expectations %		Not Meeting Expectations %		No. of Students Included	Part. Rate %	Avg. Scaled Score	Avg. SGP	Included in Avg. SGP
	District	State	District	State	District	State	District	State	District	State					
GRADE 03 - ENGLISH LANGUAGE ARTS	69	44	15	7	53	37	27	40	4	16	421	100	508	N/A	N/A
GRADE 03 - MATHEMATICS	59	41	11	8	48	33	33	39	8	20	422	100	505	N/A	N/A
GRADE 04 - ENGLISH LANGUAGE ARTS	63	40	12	5	50	34	30	43	7	17	430	99	505	54	410
GRADE 04 - MATHEMATICS	67	45	15	8	52	37	26	37	7	18	430	99	507	55	408
GRADE 05 - ENGLISH LANGUAGE ARTS	67	44	13	5	54	39	25	40	8	16	430	99	507	57	405
GRADE 05 - MATHEMATICS	63	41	10	5	53	36	32	46	5	13	432	99	507	57	407
GRADE 05 - SCIENCE AND TECH/ENG	60	42	16	8	45	33	31	40	8	19	432	99	506	N/A	N/A
GRADE 06 - ENGLISH LANGUAGE ARTS	72	42	23	8	49	34	20	34	8	24	448	99	513	61	416
GRADE 06 - MATHEMATICS	73	41	18	7	55	34	23	42	4	17	447	99	512	61	418
GRADE 07 - ENGLISH LANGUAGE ARTS	69	40	23	8	46	33	25	40	5	19	448	100	512	51	421
GRADE 07 - MATHEMATICS	73	38	24	8	49	31	23	40	4	22	447	100	514	50	419
GRADE 08 - ENGLISH LANGUAGE ARTS	70	44	26	10	44	34	22	34	8	22	372	98	513	57	353
GRADE 08 - MATHEMATICS	76	38	29	7	47	30	20	42	4	20	374	99	517	63	355
GRADE 08 - SCIENCE AND TECH/ENG	68	41	16	6	52	35	26	40	6	19	374	99	509	N/A	N/A
GRADE 10 - ENGLISH LANGUAGE ARTS	82	58	27	15	55	43	15	30	2	11	422	98	517	51	359
GRADE 10 - MATHEMATICS	88	50	30	10	58	40	11	42	1	9	420	98	521	56	361
GRADE 10 - SCIENCE AND TECH/ENG	64	47	14	11	50	36	34	42	2	11	413	100	508	N/A	N/A
GRADES 03 - 08 - ENGLISH LANGUAGE ARTS	68	42	19	7	50	35	25	39	7	19	2,549	99	510	56	2,005
GRADES 03 - 08 - MATHEMATICS	69	41	18	7	51	33	26	41	5	18	2,552	99	510	57	2,007
GRADES 05 & 08 - SCIENCE AND TECH/ENG	64	41	16	7	48	34	29	40	7	19	806	99	507	N/A	N/A

Source: Department of Elementary and Secondary Education

Selected Indicators – 2019-2023 Needham Teaching Staff

District and School Leadership FTEs

Year	Value
2019	114.2
2020	58.8
2021	122.6
2022	122.0
2023	61.6

-46%
-42%

Teachers

Year	$<3	3 to 20	21+	Avg Salary
2019	45.8	311.8	49.8	$98,388
2020	51.5	305.9	66.0	$97,996
2021	41.6	306.8	73.0	$95,162
2022	39.3	318.9	80.1	$92,960
2023	48.8	299.7	88.5	

Year of Exp in District ● <3 ● 3 to 20 ● 21+

Teachers FTE

Yr of Exp in District	2019	2020	2021	2022	2023
<3	45.8	51.5	41.6	39.3	48.8
3 to 20	311.8	305.9	306.8	318.9	299.7
21+	49.8	66.0	73.0	80.1	88.5
Total FTE	**407.4**	**423.4**	**421.4**	**438.3**	**437.0**

-46%
-48%

Average Teacher Salary	2019	2020	2021	2022
TEACHER		$95,162	$92,960	$98,388	$97,996

3%
9%

District Change Over 5 Years   State Change Over 5 Years

Selected Indicators – 2019-2023 Needham Teaching Staff Per 100 Students

Teachers

Year	SPED	Non-SPED
2019	0.9	6.2
2020	0.5	6.9
2021	0.5	7.2
2022	0.5	7.4
2023	0.5	7.4

# FTE	2019	2020	2021	2022	2023
Non-SPED	360	403	400	431	427
SPED	191	188	182	171	170
Total	**551**	**591**	**583**	**602**	**597**

Paraprofessionals

Year	SPED	Non-SPED
2019	2.4	
2020	2.8	
2021	2.8	
2022	2.6	0.4
2023	2.6	0.3

# FTE	2019	2020	2021	2022	2023
Non-SPED	7	8	6	21	18
SPED	137	160	156	144	142
Total	**144**	**167**	**161**	**164**	**160**

Source: Department of Elementary and Secondary Education

Selected Indicators – Needham Teaching Staff

Teacher Data (2023-24)

	District		State	
	FTE	**%**	**FTE**	**%**
Total # of Teachers (FTE)	449.8	100.0	77,630.3	100.0
Teachers Licensed	446.8	99.3	75,379.0	97.1
Teachers licensed in high poverty schools	-	-	17,430.9	94.4
Teachers licensed in low poverty schools	446.8	99.3	19,894.8	99.2
Teachers without a waiver	449.8	100.0	77,178.5	99.4
Teachers without a waiver in high poverty schools	-	-	18,169.6	98.4
Teachers without a waiver in low poverty schools	449.8	100.0	20,048.4	99.9
Teachers without a provisional license	434.5	96.6	72,709.4	93.7
Teachers without a provisional license in high poverty schools	-	-	16,844.1	91.2
Teachers without a provisional license in low poverty schools	434.5	96.6	19,330.7	96.3
Teachers without a waiver or provisional license	434.5	96.6	72,350.5	93.2
Teachers without a waiver or provisional license in high poverty schools	-	-	16,594.9	89.8
Teachers without a waiver or provisional license in low poverty schools	434.5	96.6	19,317.7	96.3
Experienced teachers	381.0	84.7	62,697.8	80.8
Experienced teachers in high poverty schools	-	-	12,941.5	70.1
Experienced teachers in low poverty schools	381.0	84.7	17,728.0	88.4

Administrator Data (2023-24)

	District		State	
	FTE	**%**	**FTE**	**%**
Experienced administrators	50.6	78.0	8,055.2	78.3
Experienced administrators in high poverty schools	-	-	1,334.5	68.7
Experienced administrators in low poverty schools	24.2	72.2	1,267.0	84.0

Source: Department of Elementary and Secondary Education

Selected Indicators – 2023 Staff FTE per 100 Students in Comparison Communities
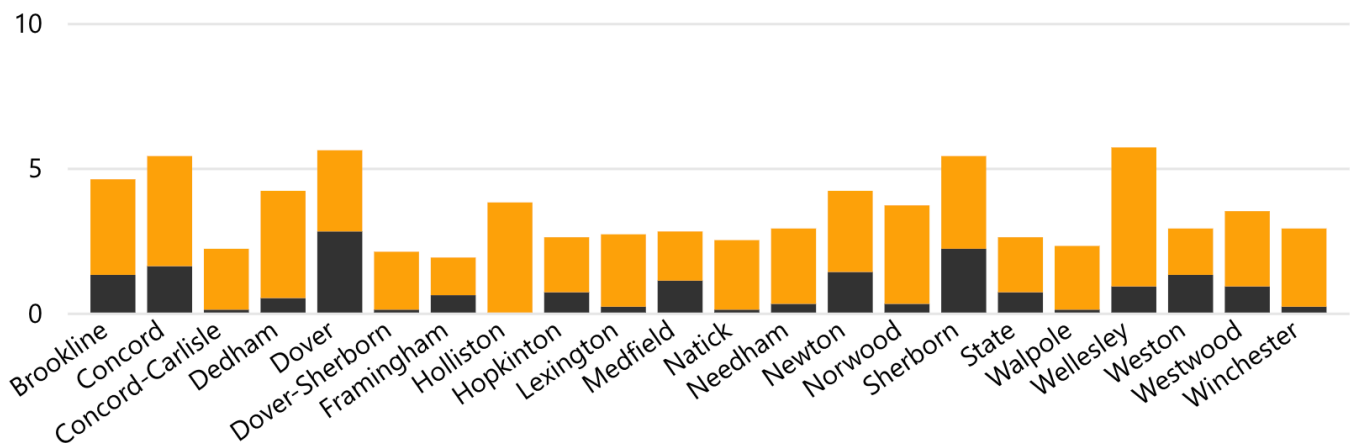
Teachers

● ESL ● General Ed. ● Special Ed ● Vocational
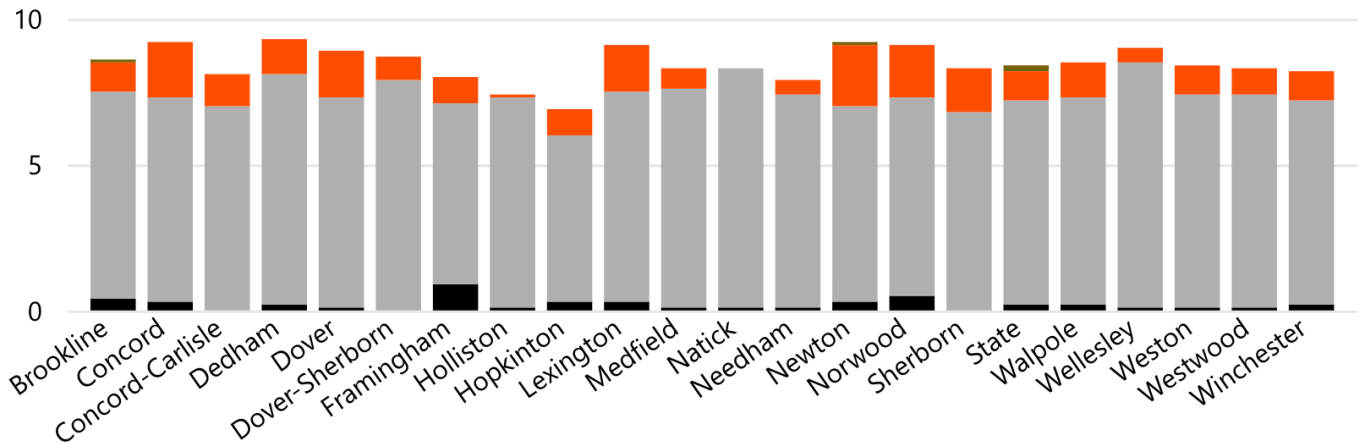
Paraprofessional

● Not Special Ed. ● Special Ed.

Source: Department of Elementary and Secondary Education

2023 GRADUATES - SCHOOLS ATTENDED

American University (5)
Baylor University
Bentley University
Binghamton University (2)
Boston College (13)
Boston University (4)
Bowdoin College
Brandeis University (3)
Bridgewater State University (2)
Brown University (5)
Bryant University
Bucknell University
Carleton College
Carnegie Mellon University (2)
Case Western Reserve University (4)
Clark University
Coastal Carolina University
Colby College (4)
College of Charleston
College of the Holy Cross (2)
Colorado School of Mines (2)
Columbia College (Chicago)
Columbia University
Connecticut College (3)
Cornell University
Dartmouth College
Dean College (2)
Drexel University
Duke University
Elon University (9)
Emerson College
Emory University (3)
Endicott College
Fairfield University (8)
Florida Institute of Technology
Fordham University (3)
George Washington University (4)
Georgia Institute of Technology
Gettysburg College
Hamilton College
Harvard University (2)
Hellenic College
High Point University
Hobart and William Smith Colleges
Hofstra University
Indiana University (Bloomington) (5)
Ithaca College

Johnson & Wales University (Providence)
Lasell University
Lehigh University (4)
Loyola University New Orleans
Lynn University (2)
Marist College
Marquette University
Mass Bay Community College (5)
Massachusetts Institute of Technology
Massachusetts Maritime Academy
Massasoit Community College
McGill University (2)
Merrimack College
Michigan State University (3)
Middlebury College
Mount Holyoke College
New York University (6)
Newcastle University
Northeastern University (15)
Oberlin College (2)
Occidental College
Ohio Wesleyan University
Oxford College of Emory University
Pace University (New York City)
Penn State (University Park) (2)
Providence College (3)
Purdue University (Main Campus) (4)
Quinnipiac University
Regis College
Rensselaer Polytechnic Institute (3)
Rhodes College
Rice University
Roger Williams University
Sacred Heart University (2)
Santa Clara University
Savannah College of Art and Design (2)
School of the Art Institute of Chicago
Scripps College
Smith College
Spelman College
Springfield College
St. Lawrence University
Stonehill College (3)
Suffolk University (3)
Syracuse University (8)

The Ohio State University
The University of Alabama
The University of Manchester
The University of Tampa (3)
Tufts University (3)
Tulane University of Louisiana (3)
Union College (2)
University of California (Berkeley)
University of California (Los Angeles)
University of California (San Diego)
University of California (Santa Barbara) (2)
University of Central Lancashire
University of Colorado Boulder (3)
University of Connecticut (7)
University of Delaware (2)
University of Denver (4)
University of Florida (2)
University of Hartford
University of Illinois -Urbana-Champaign (2)
University of Maine
University of Maryland (College Park) (8)
University of Massachusetts (Amherst) (30)
University of Massachusetts (Boston) (5)
University of Massachusetts (Lowell) (4)
University of Miami (2)
University of Michigan (3)
University of Mississippi
University of New Hampshire (4)
University of North Carolina at Chapel Hill
University of Oregon
University of Pittsburgh (Pittsburgh) (3)
University of Rhode Island (5)
University of Richmond
University of St Andrews
University of Vermont (5)
University of Virginia (Main Campus)
University of Wisconsin (Madison) (8)
Vanderbilt University
Villanova University
Wake Forest University (4)
Washington University in St. Louis
Wentworth Institute of Technology
Wesleyan University
Wheaton College - MA
William & Mary
Worcester Polytechnic Institute (6)
Worcester State University

Source: Guidance Department

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