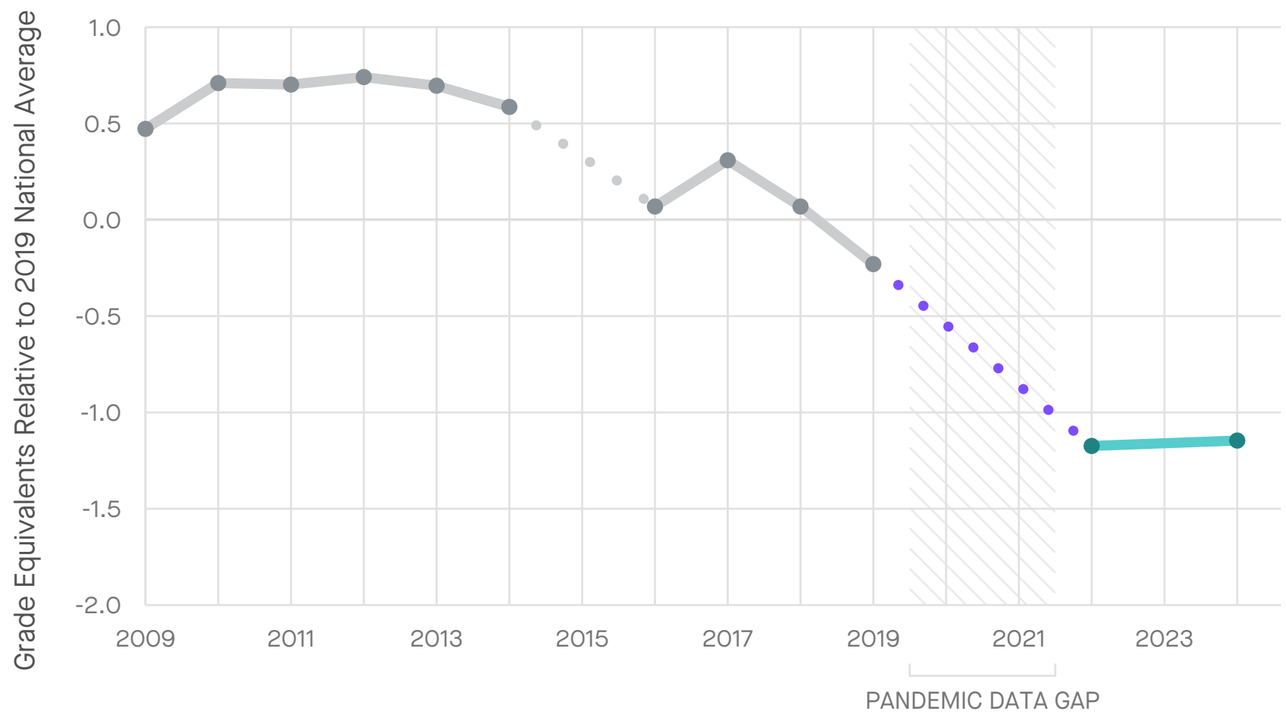
Spencer-E Brookfield, MA

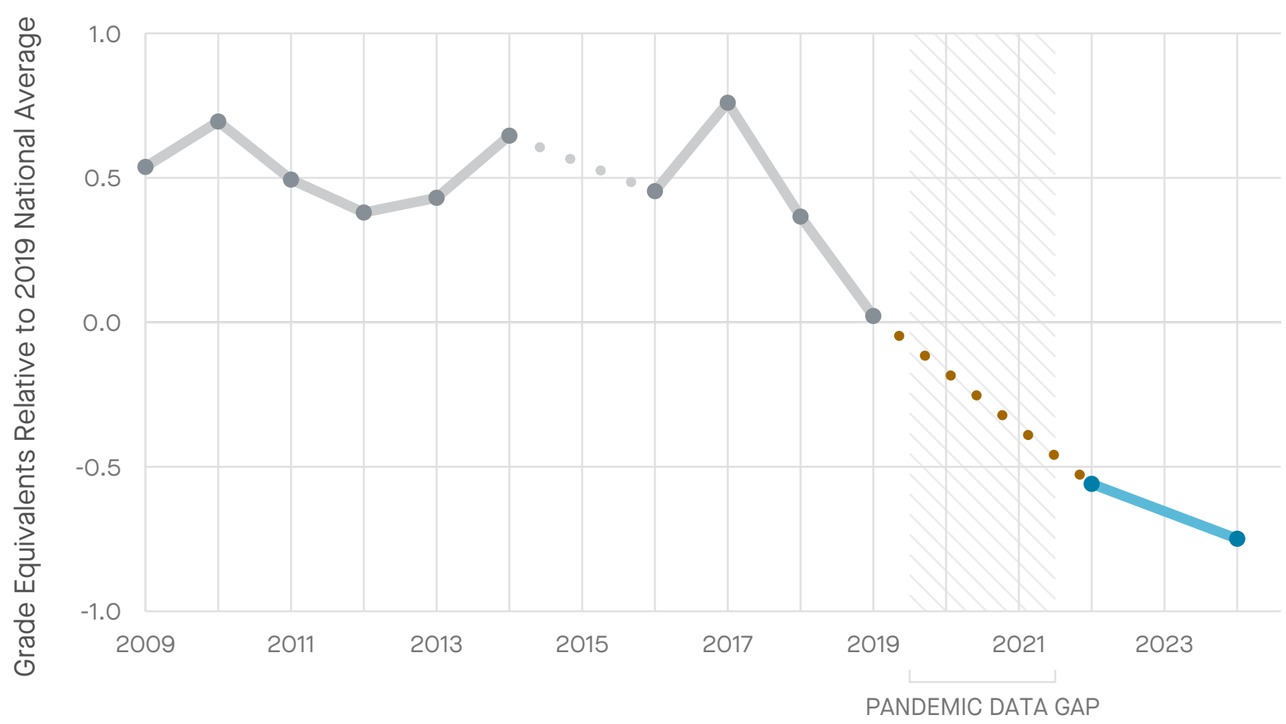
Math Performance, Grades 3-8, 2009-2024



Average Math Scores and Trends in Scores
in Grade Level Equivalents Relative to the 2019 National Average

2019 Average	-0.23
2022 Average	-1.17
2024 Average	-1.15
2019-2022 Change	-0.94
2022-2024 Change	+0.03
Since 2019	-0.92

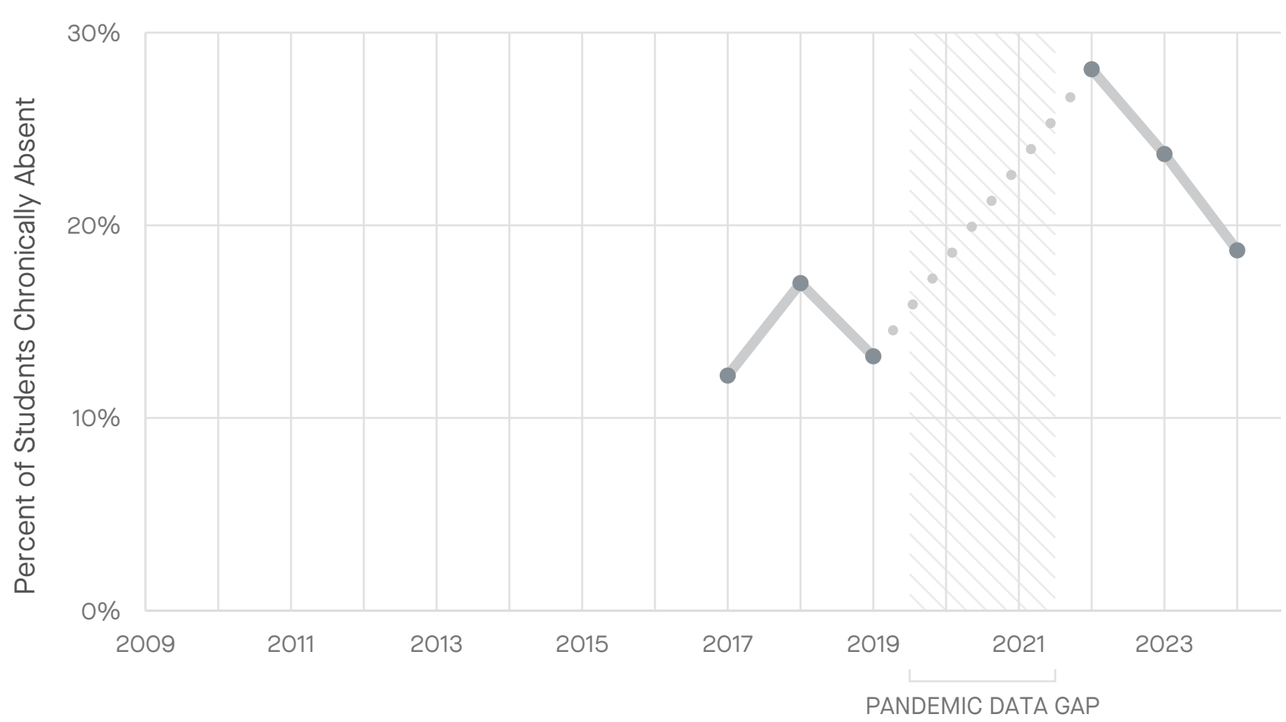
Reading Performance, Grades 3-8, 2009-2024



Average Reading Scores and Trends in Scores
in Grade Level Equivalents Relative to the 2019 National Average

2019 Average	0.02
2022 Average	-0.56
2024 Average	-0.75
2019-2022 Change	-0.58
2022-2024 Change	-0.19
Since 2019	-0.77

Absenteeism, Grades 3-8, 2009-2024



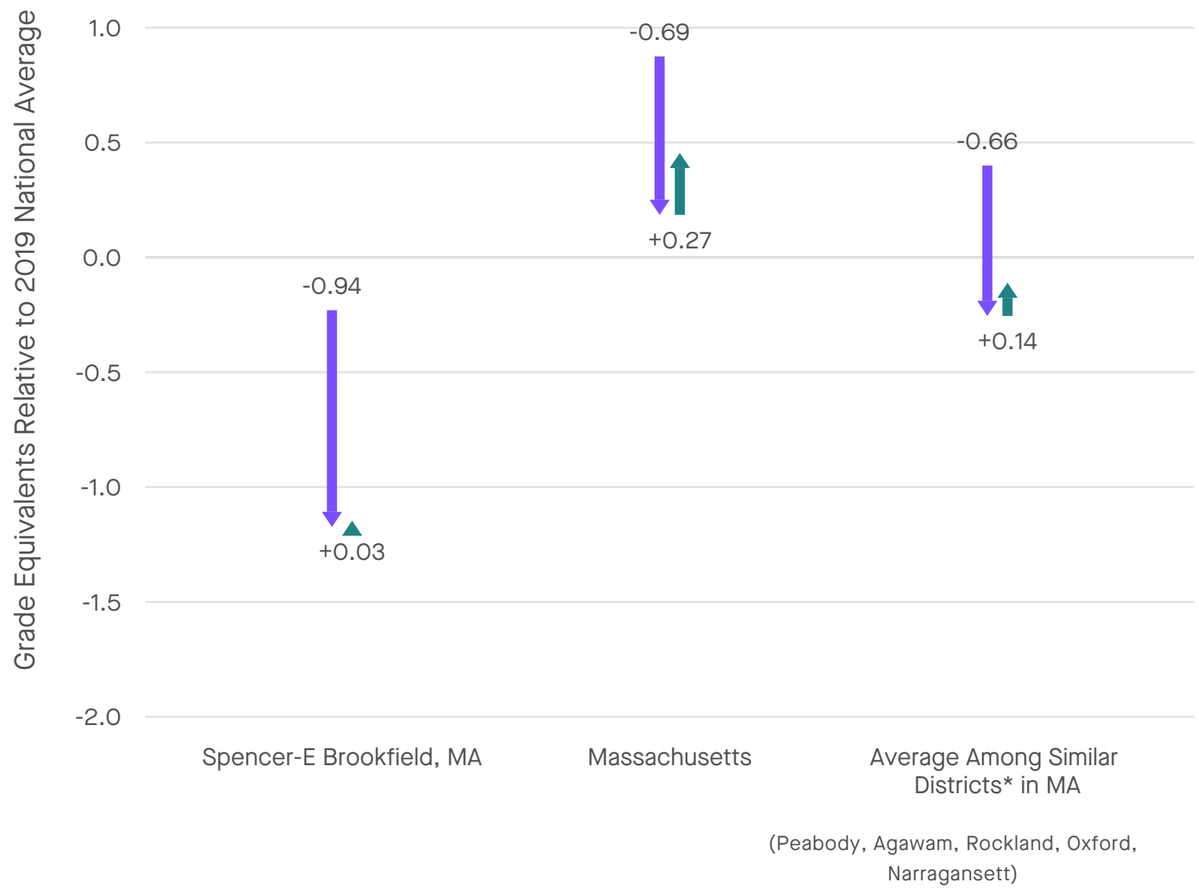
Absenteeism

2019-2023 Change	+0.10
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Spencer-E Brookfield, MA

Math Performance in Spencer-E Brookfield vs. Massachusetts and Similar Districts, Grades 3-8, 2019-2024



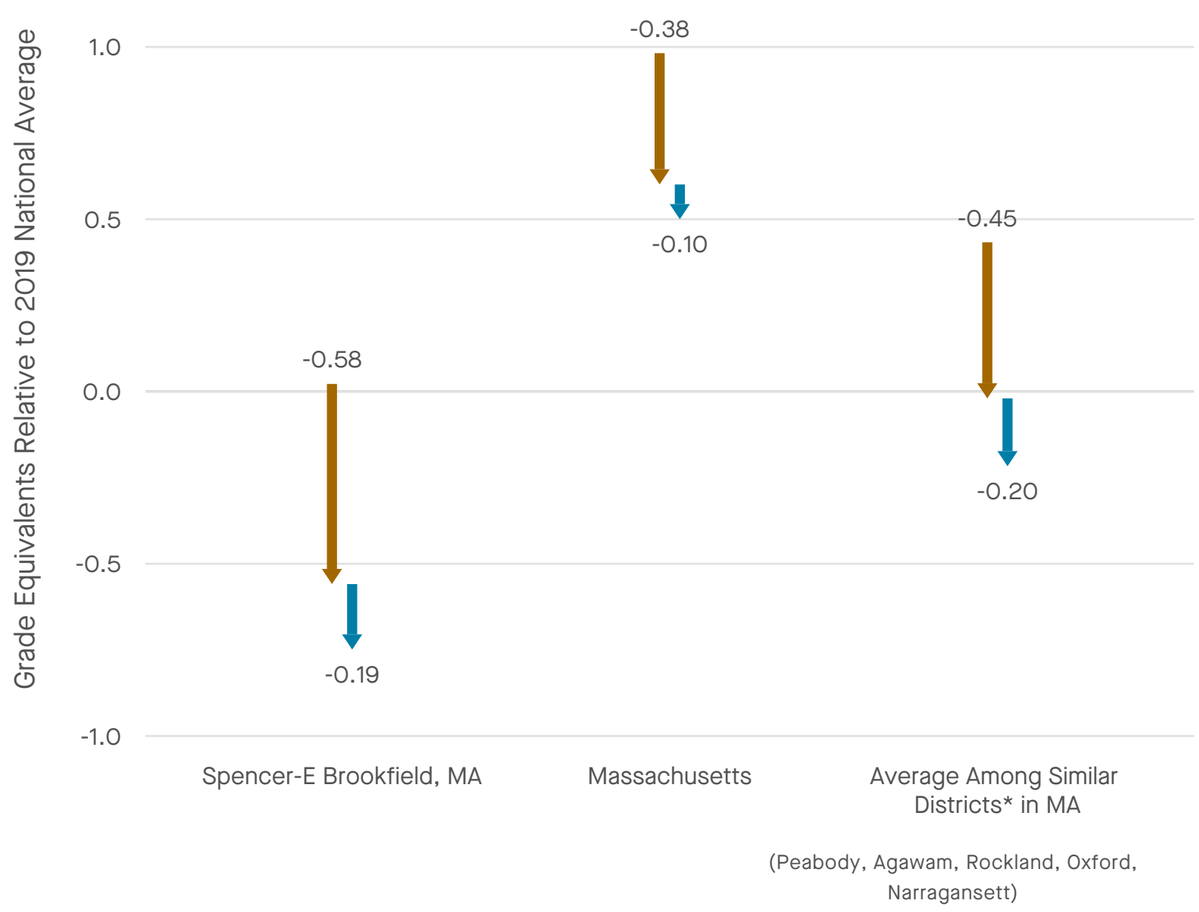
Average Math Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Spencer-E Brookfield, MA	-0.23	-1.17	-1.15	↓ -0.94	↑ 0.03	↓ -0.92
Massachusetts	0.88	0.18	0.46	↓ -0.69	↑ 0.27	↓ -0.42
Similar Districts* in Massachusetts	0.40	-0.25	-0.11	↓ -0.66	↑ 0.14	↓ -0.51

*Comparison districts are the nearest matches within the same state based on socioeconomic status, demographics, and size.

Reading Performance in Spencer-E Brookfield vs. Massachusetts and Similar Districts, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

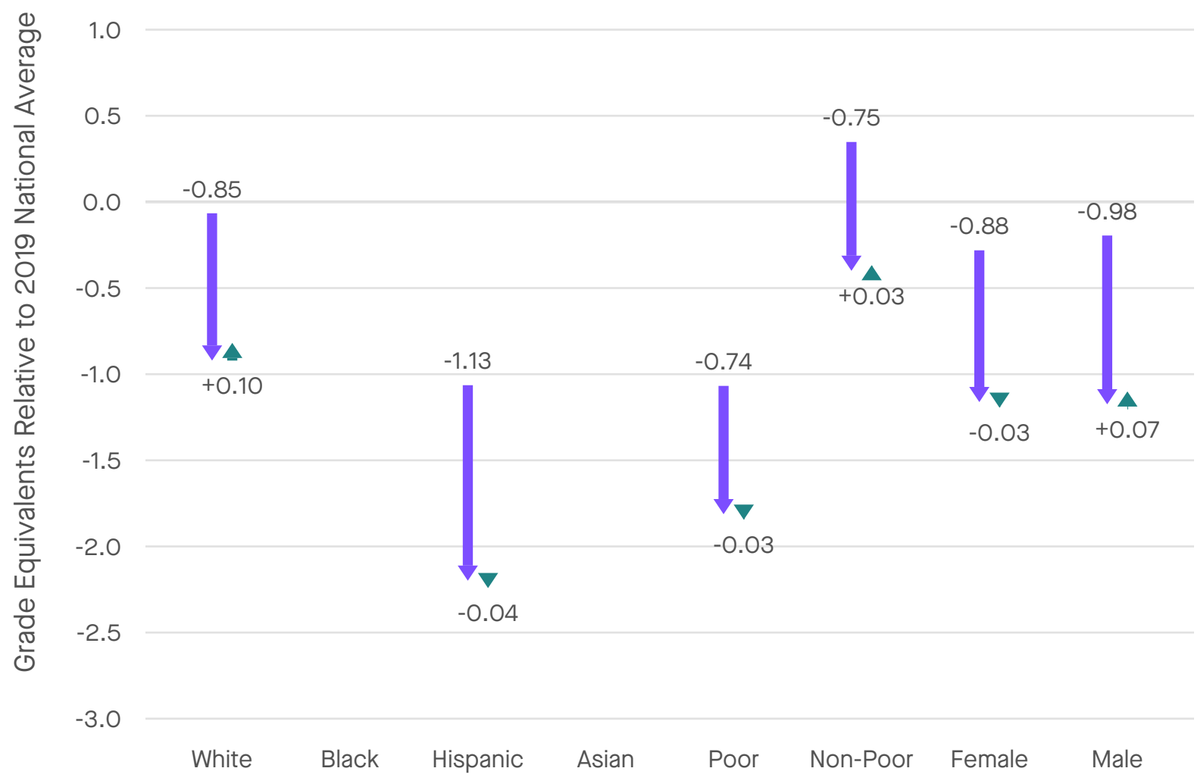
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Spencer-E Brookfield, MA	0.02	-0.56	-0.75	↓ -0.58	↓ -0.19	↓ -0.77
Massachusetts	0.98	0.60	0.50	↓ -0.38	↓ -0.10	↓ -0.48
Similar Districts* in Massachusetts	0.43	-0.02	-0.22	↓ -0.45	↓ -0.20	↓ -0.65

*Comparison districts are the nearest matches within the same state based on socioeconomic status, demographics, and size.

Spencer-E Brookfield, MA

Math Performance by Subgroup, Grades 3-8, 2019-2024

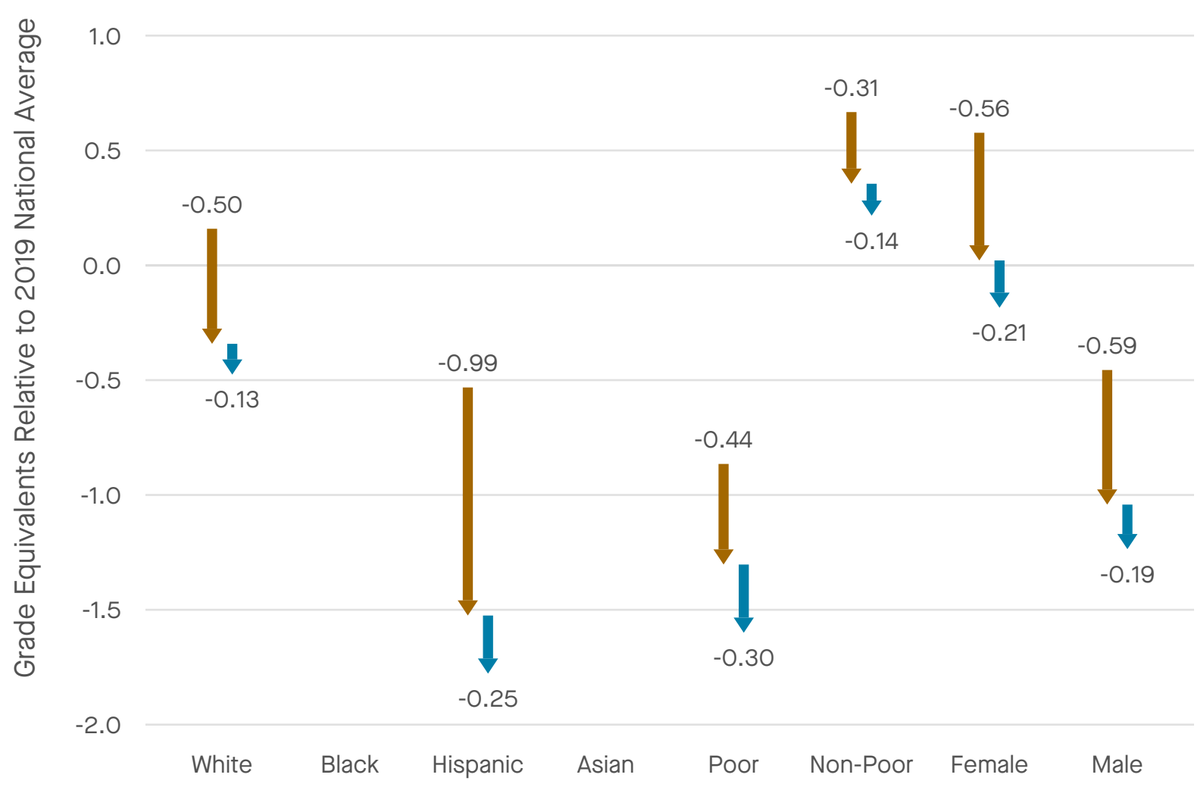


Average Math Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	-0.07	-0.92	-0.82	↓ -0.85	↑ 0.10	↓ -0.75
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	-1.06	-2.20	-2.24	↓ -1.13	↓ -0.04	↓ -1.18
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-1.07	-1.81	-1.84	↓ -0.74	↓ -0.03	↓ -0.78
Non-Poor	0.35	-0.40	-0.37	↓ -0.75	↑ 0.03	↓ -0.71
Female	-0.28	-1.16	-1.20	↓ -0.88	↓ -0.03	↓ -0.91
Male	-0.20	-1.18	-1.10	↓ -0.98	↑ 0.07	↓ -0.91

Reading Performance by Subgroup, Grades 3-8, 2019-2024



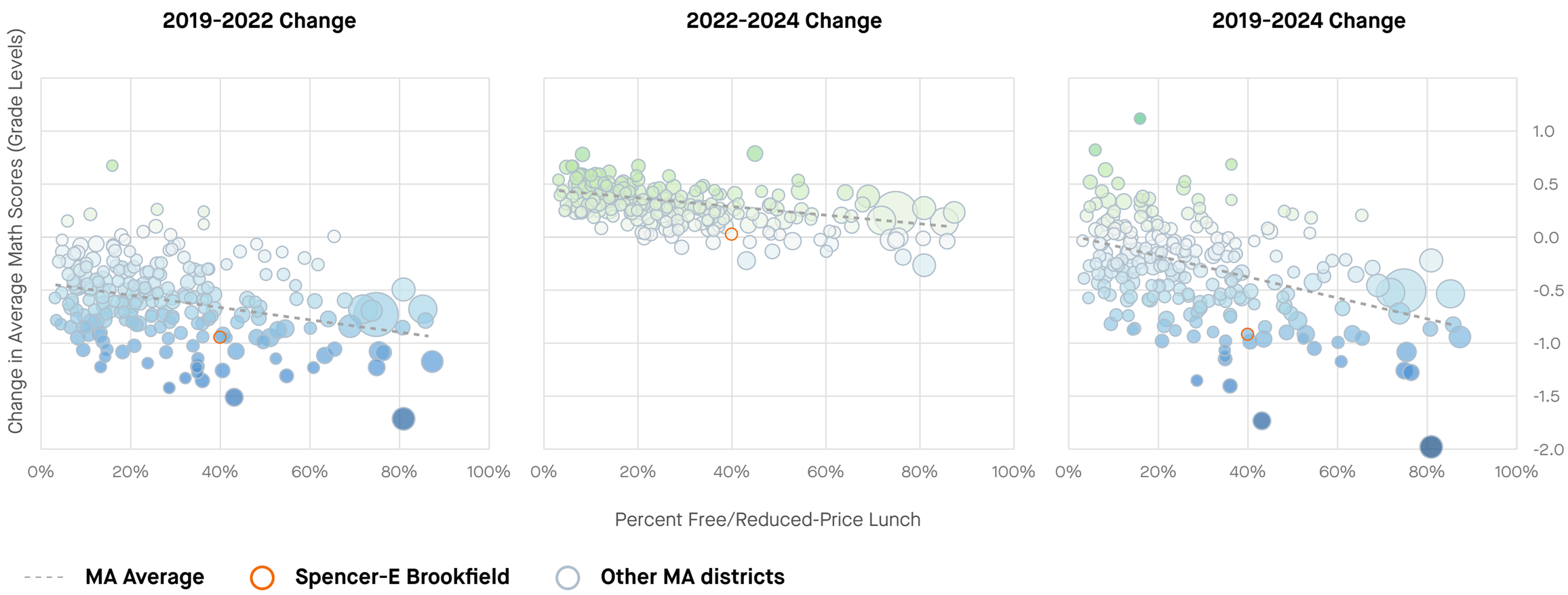
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

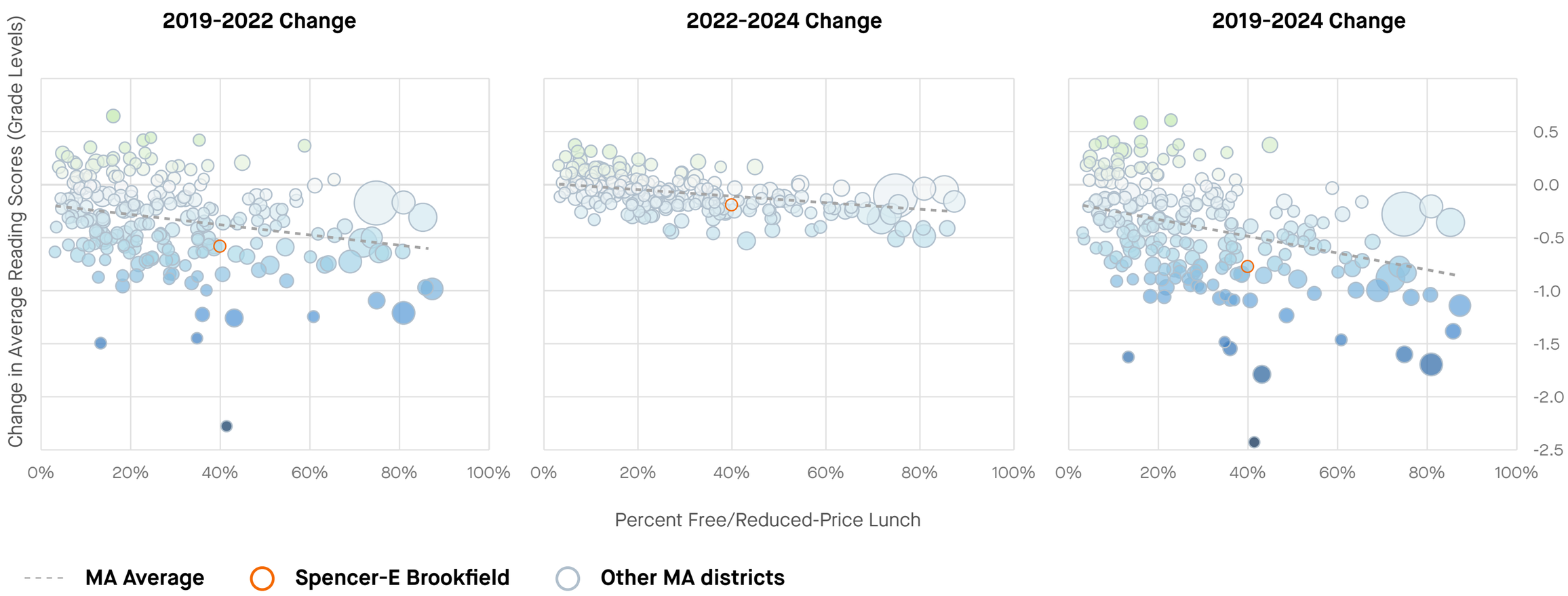
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	0.16	-0.34	-0.48	↓ -0.50	↓ -0.13	↓ -0.64
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	-0.53	-1.52	-1.78	↓ -0.99	↓ -0.25	↓ -1.25
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-0.86	-1.30	-1.60	↓ -0.44	↓ -0.30	↓ -0.73
Non-Poor	0.67	0.35	0.22	↓ -0.31	↓ -0.14	↓ -0.45
Female	0.58	0.02	-0.18	↓ -0.56	↓ -0.21	↓ -0.76
Male	-0.46	-1.04	-1.24	↓ -0.59	↓ -0.19	↓ -0.78

Spencer-E Brookfield, MA

Change in Math Performance in Massachusetts Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024

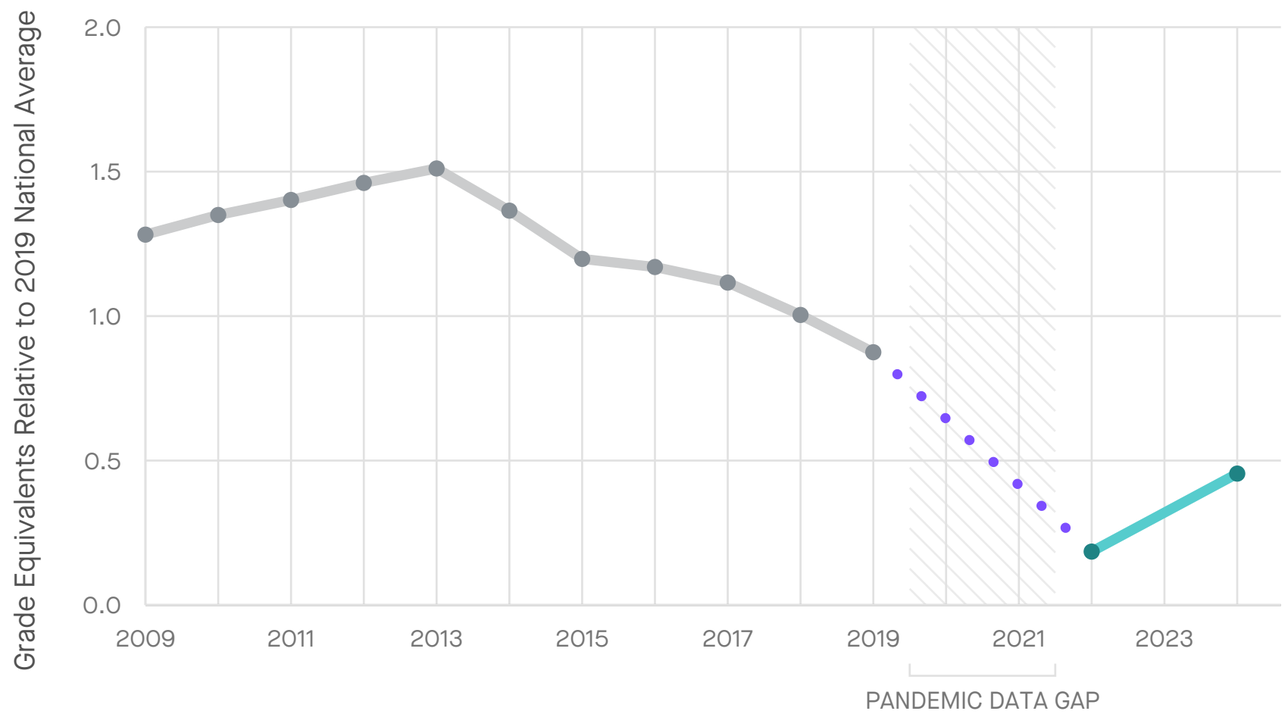


Change in Reading Performance in Massachusetts Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Massachusetts

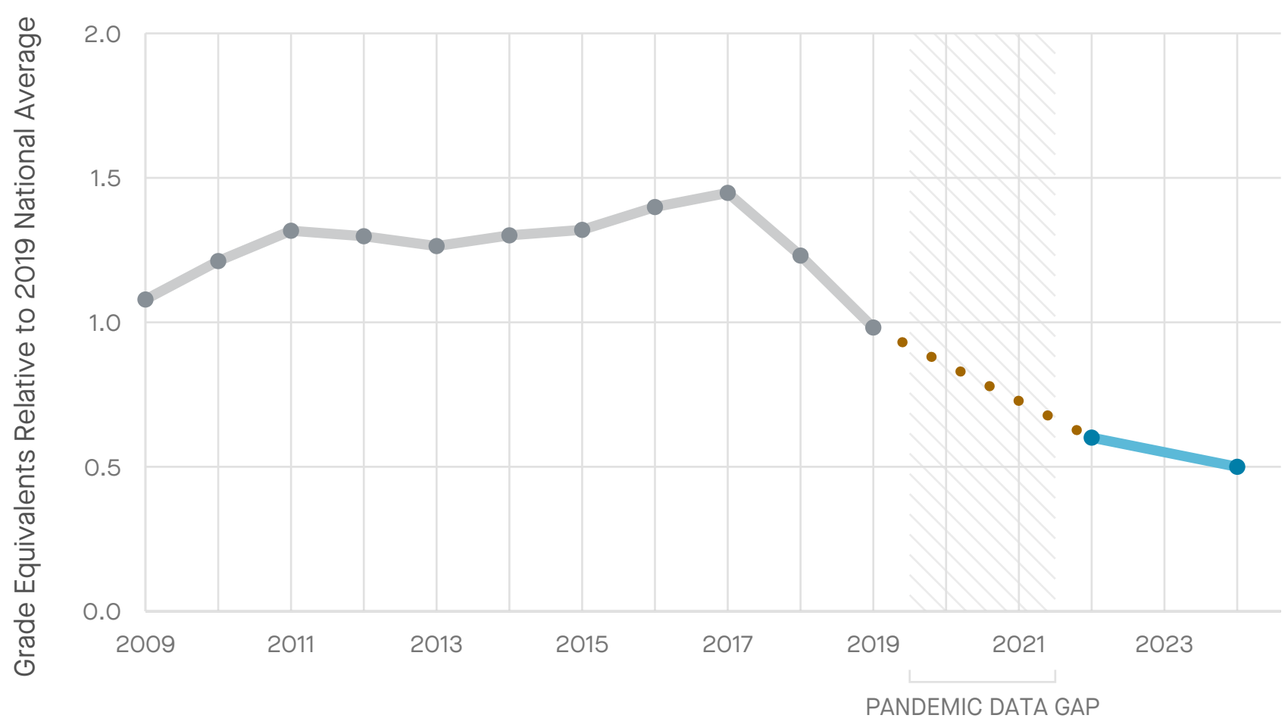
Math Performance, Grades 3-8, 2009-2024



Average Math Scores and Trends in Scores
in Grade Level Equivalents Relative to the 2019 National Average

2019 Average	0.88
2022 Average	0.18
2024 Average	0.46
2019-2022 Change	-0.69
2022-2024 Change	+0.27
Since 2019	-0.42

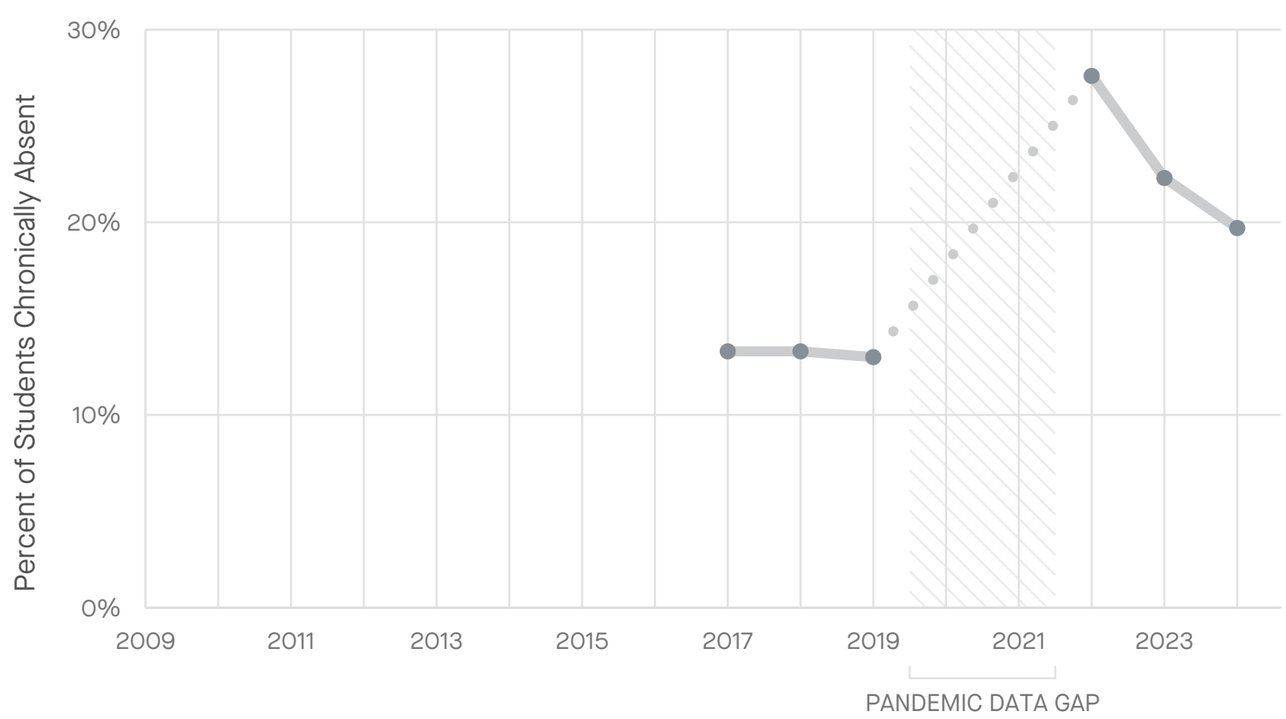
Reading Performance, Grades 3-8, 2009-2024



Average Reading Scores and Trends in Scores
in Grade Level Equivalents Relative to the 2019 National Average

2019 Average	0.98
2022 Average	0.60
2024 Average	0.50
2019-2022 Change	-0.38
2022-2024 Change	-0.10
Since 2019	-0.48

Absenteeism, Grades 3-8, 2009-2024



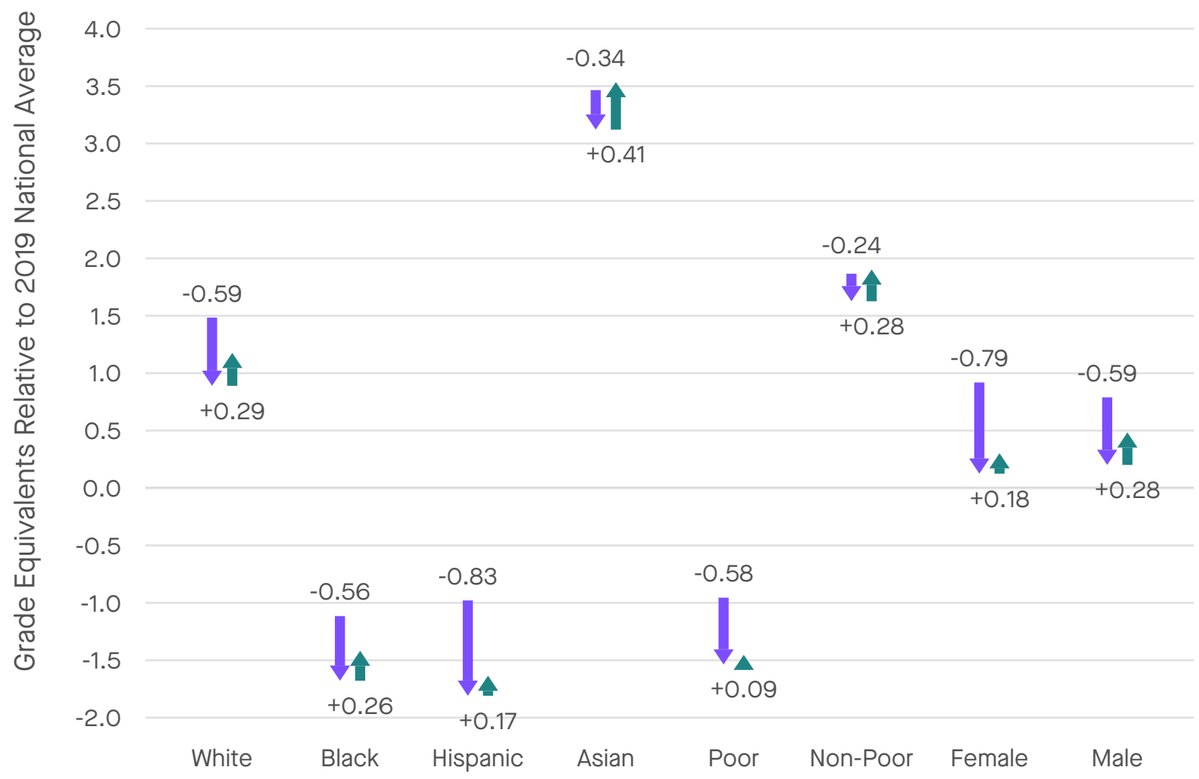
Absenteeism

2019-2023 Change	+0.09
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Massachusetts

Math Performance by Subgroup, Grades 3-8, 2019-2024

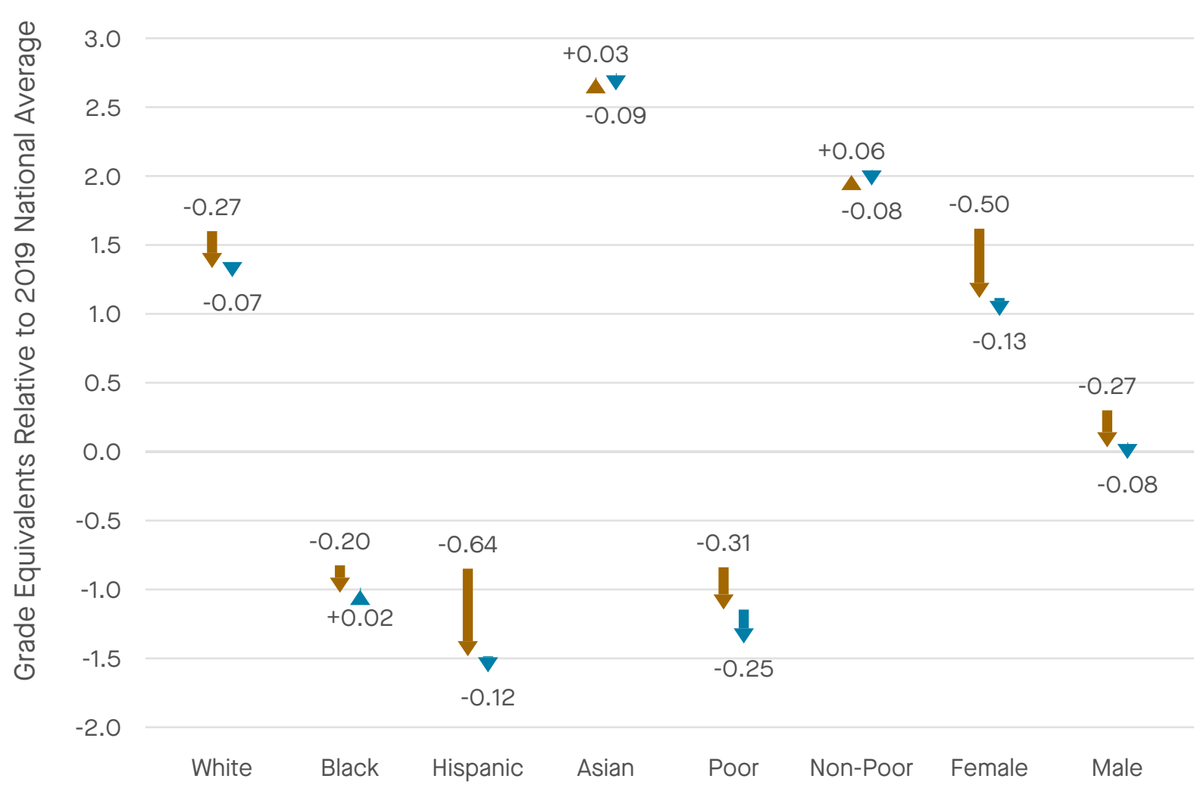


Average Math Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.48	0.89	1.18	↓ -0.59	↑ 0.29	↓ -0.31
Black	-1.11	-1.68	-1.42	↓ -0.56	↑ 0.26	↓ -0.30
Hispanic	-0.98	-1.81	-1.63	↓ -0.83	↑ 0.17	↓ -0.66
Asian	3.46	3.12	3.54	↓ -0.34	↑ 0.41	↑ 0.07
Poor	-0.95	-1.54	-1.45	↓ -0.58	↑ 0.09	↓ -0.50
Non-Poor	1.87	1.63	1.90	↓ -0.24	↑ 0.28	↑ 0.04
Female	0.92	0.13	0.30	↓ -0.79	↑ 0.18	↓ -0.61
Male	0.79	0.20	0.48	↓ -0.59	↑ 0.28	↓ -0.30

Reading Performance by Subgroup, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

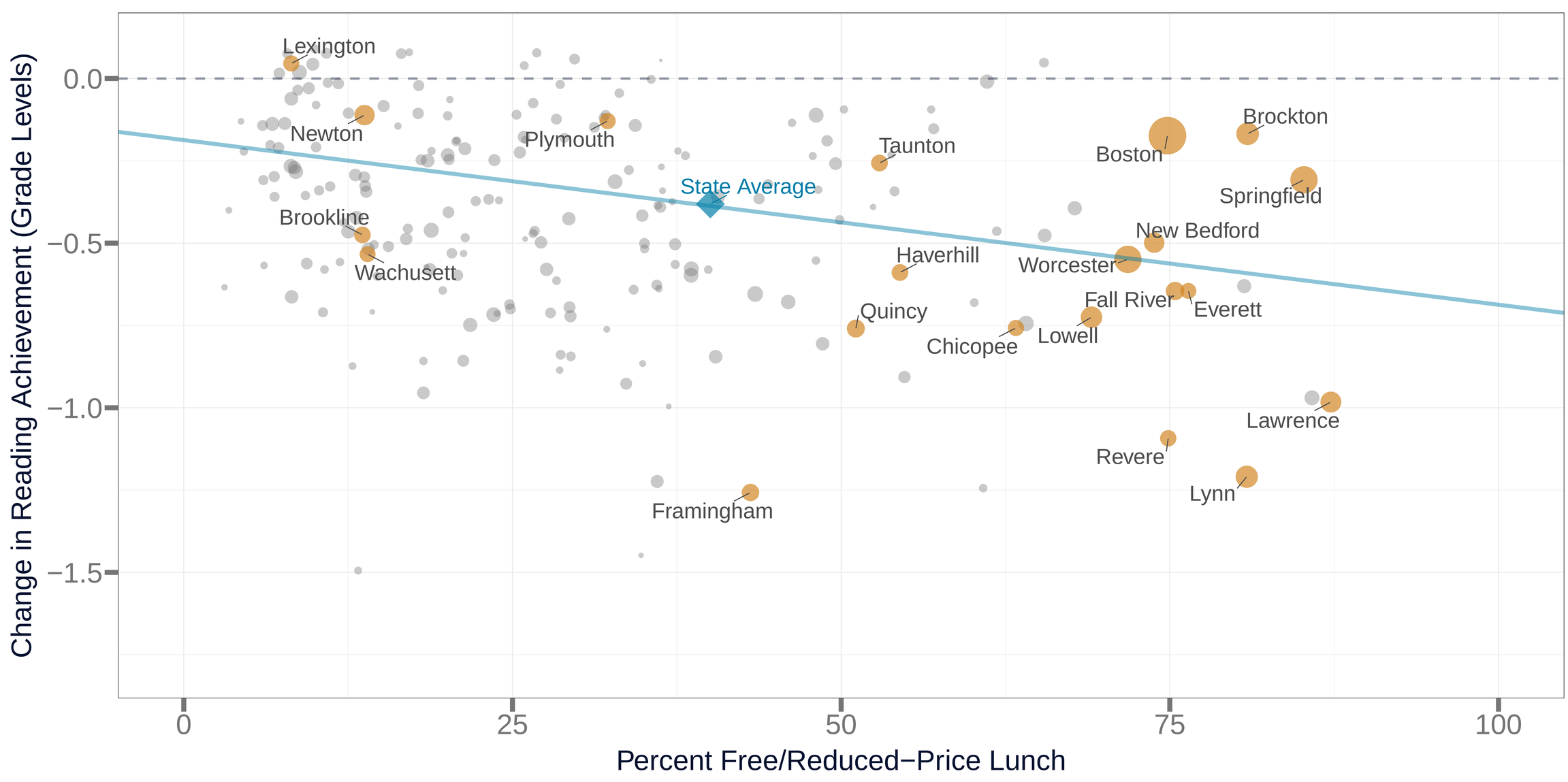
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.60	1.33	1.27	↓ -0.27	↓ -0.07	↓ -0.34
Black	-0.82	-1.02	-1.00	↓ -0.20	↑ 0.02	↓ -0.18
Hispanic	-0.85	-1.49	-1.60	↓ -0.64	↓ -0.12	↓ -0.75
Asian	2.68	2.71	2.62	↑ 0.03	↓ -0.09	↓ -0.06
Poor	-0.84	-1.15	-1.39	↓ -0.31	↓ -0.25	↓ -0.55
Non-Poor	1.95	2.01	1.93	↑ 0.06	↓ -0.08	↓ -0.01
Female	1.62	1.11	0.98	↓ -0.50	↓ -0.13	↓ -0.63
Male	0.30	0.03	-0.05	↓ -0.27	↓ -0.08	↓ -0.35

Change in Math Achievement 2019−2022
by Percent FRPL in Massachusetts Districts

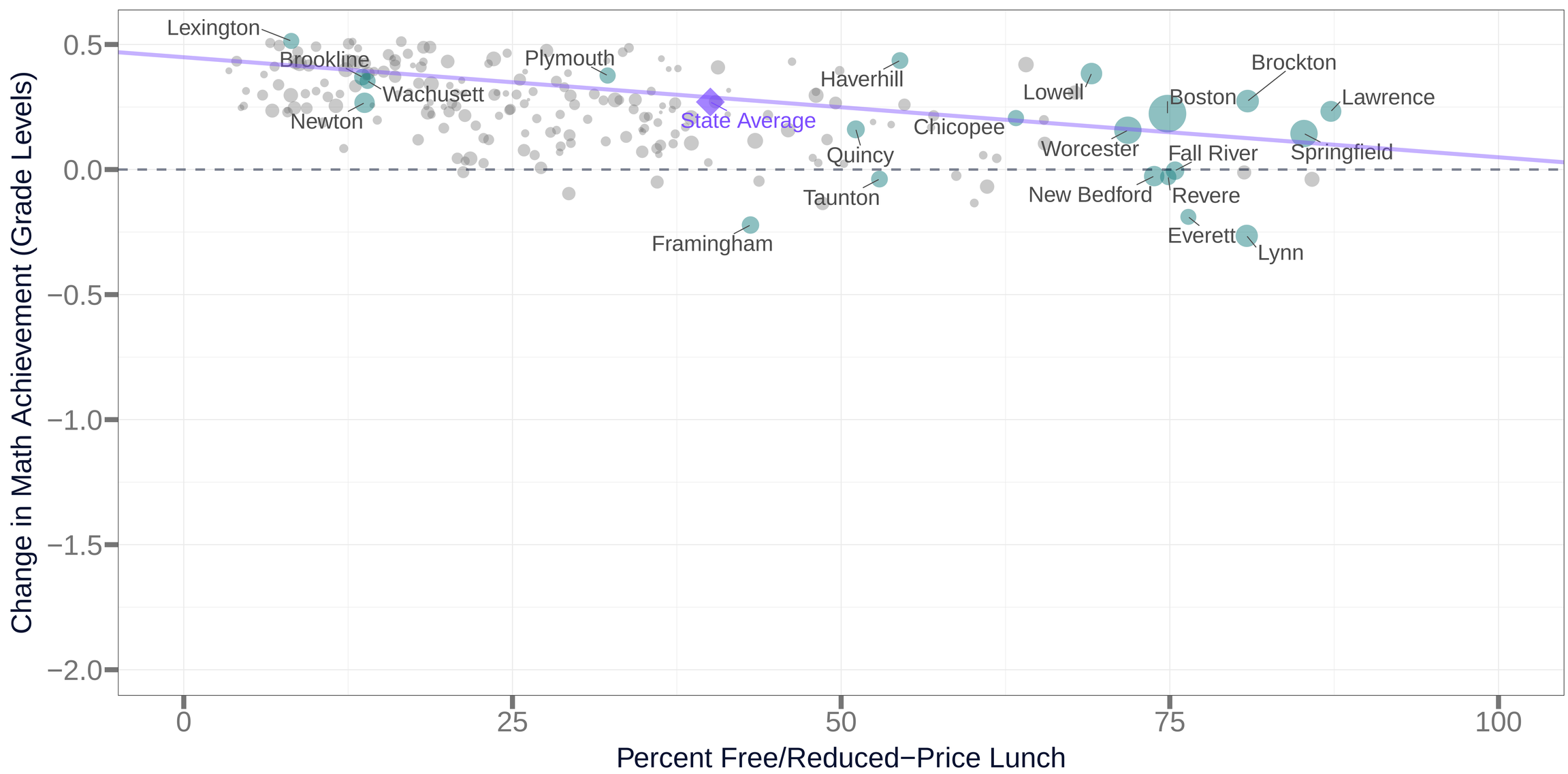
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Reading Achievement 2019−2022
by Percent FRPL in Massachusetts Districts



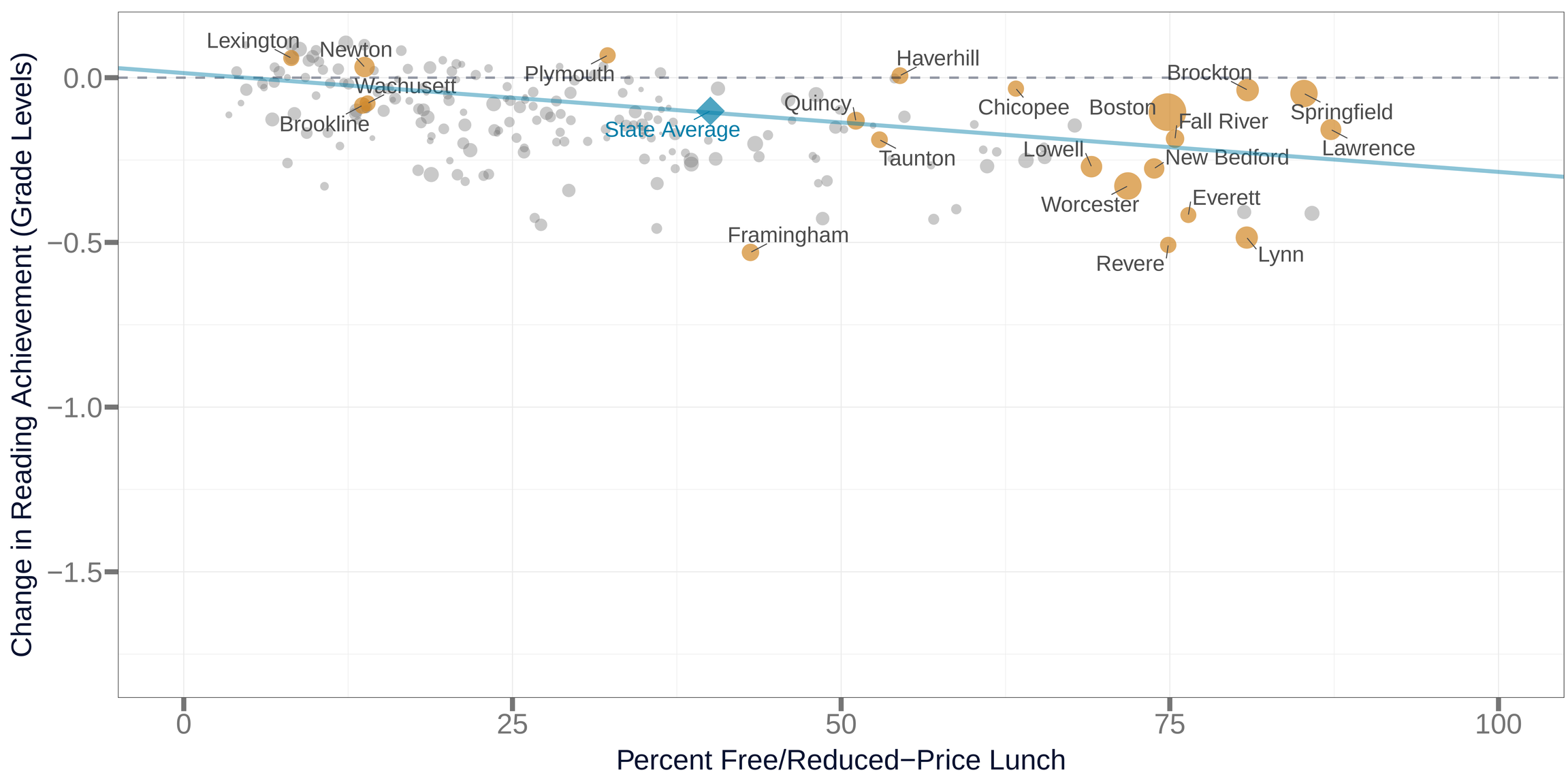
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Math Achievement 2022−2024
by Percent FRPL in Massachusetts Districts



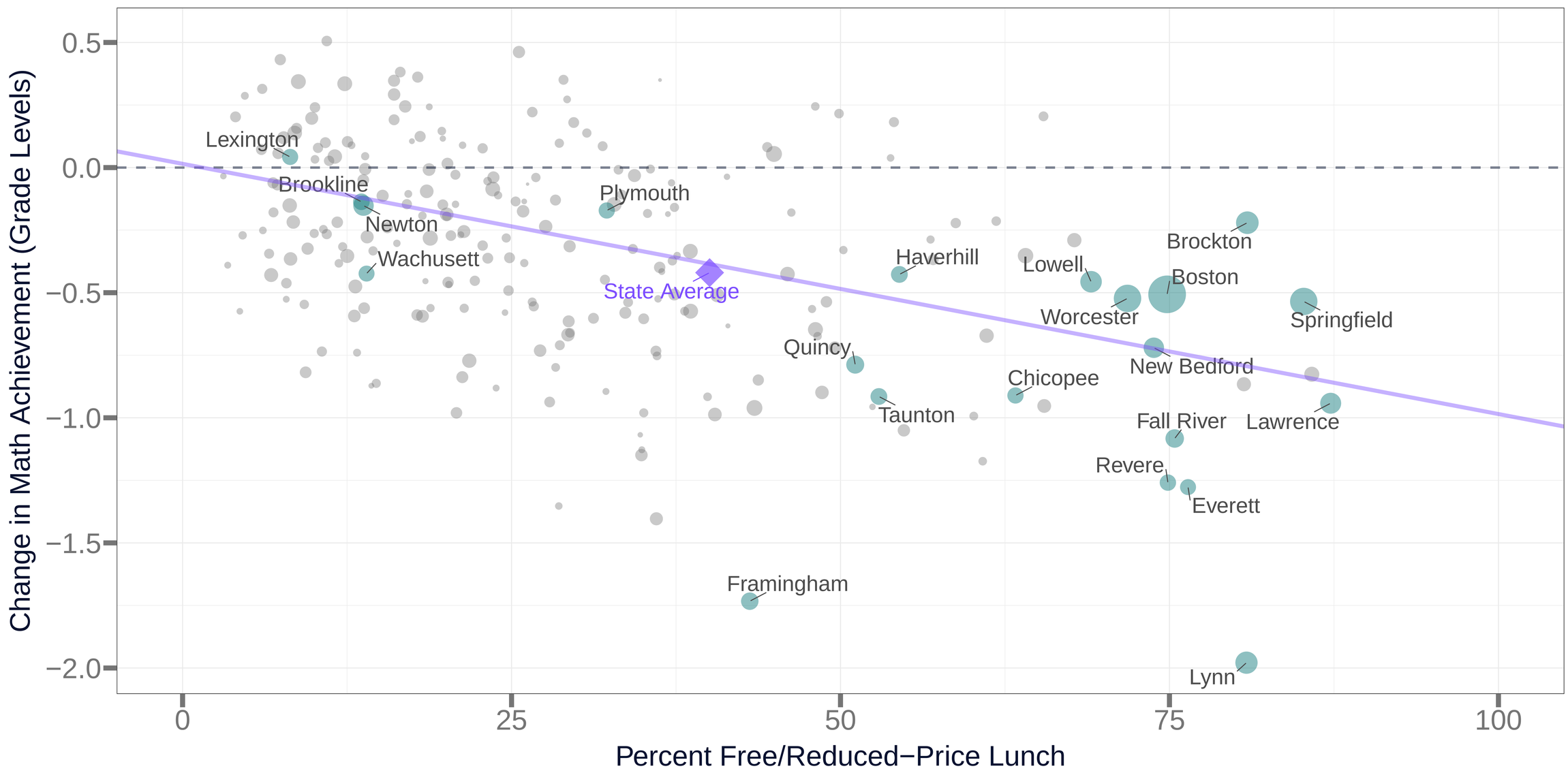
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Reading Achievement 2022−2024
by Percent FRPL in Massachusetts Districts



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Math Achievement 2019−2024
by Percent FRPL in Massachusetts Districts



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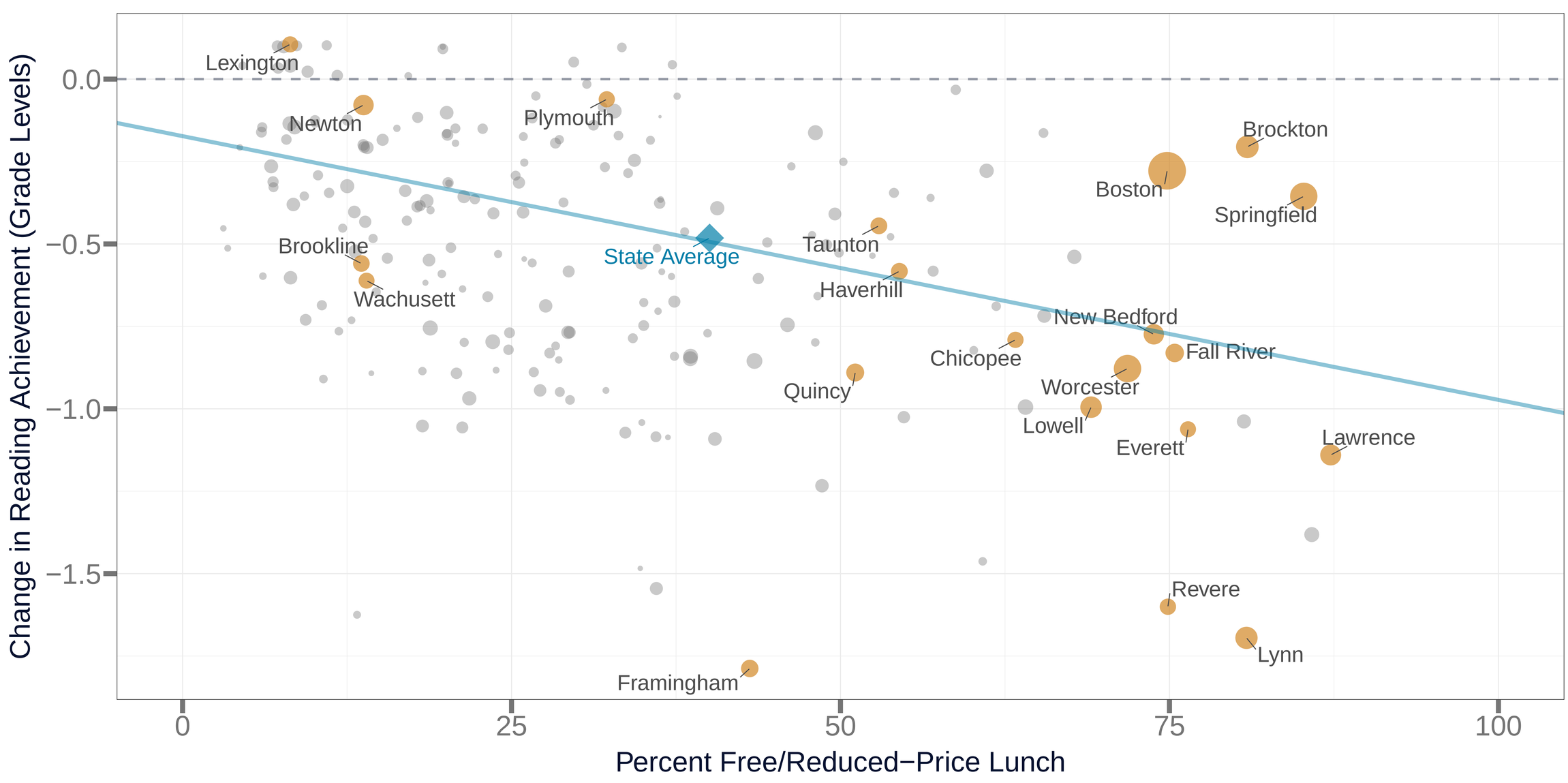
Change in Reading Achievement 2019−2024
by Percent FRPL in Massachusetts Districts



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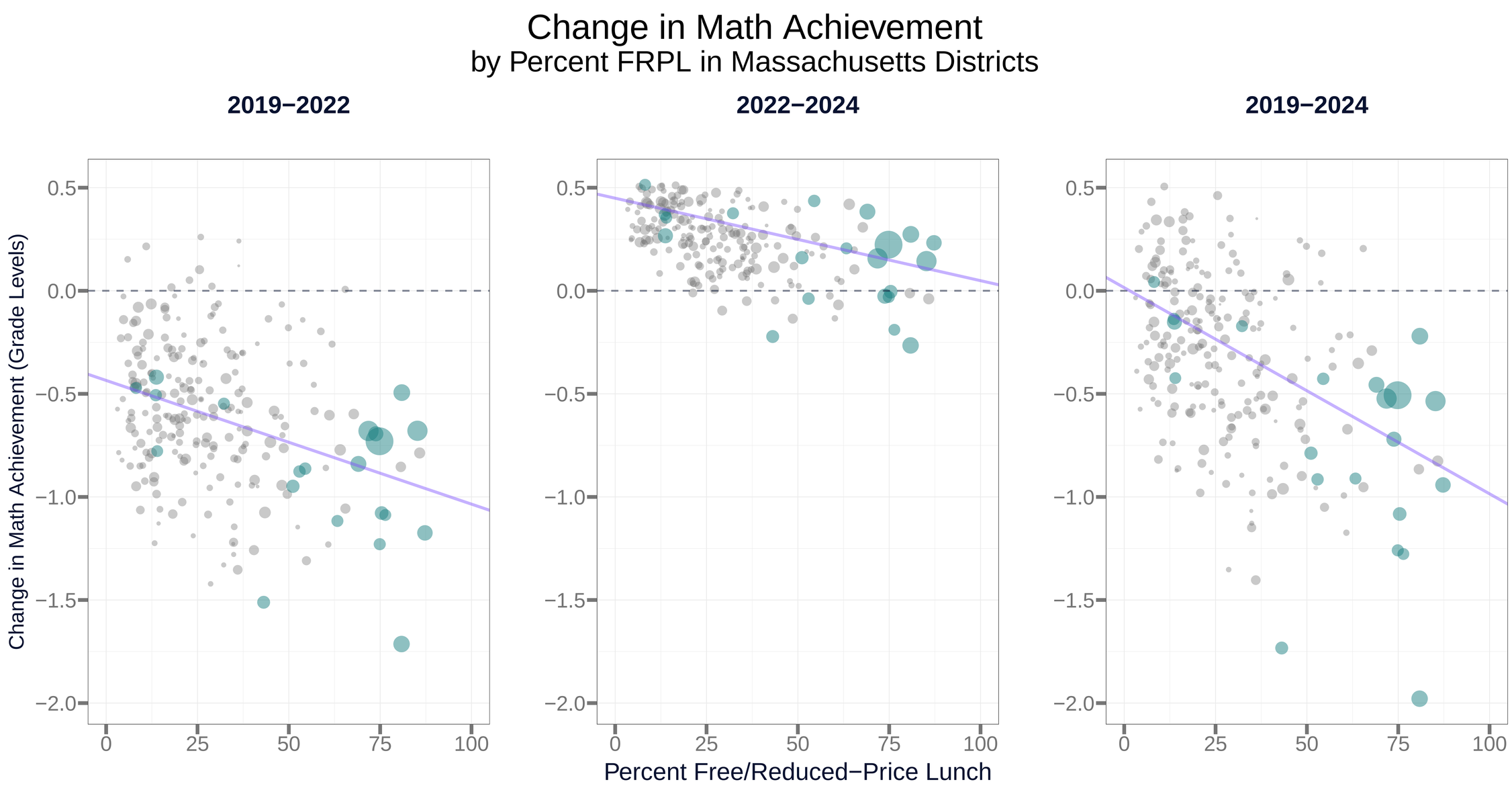

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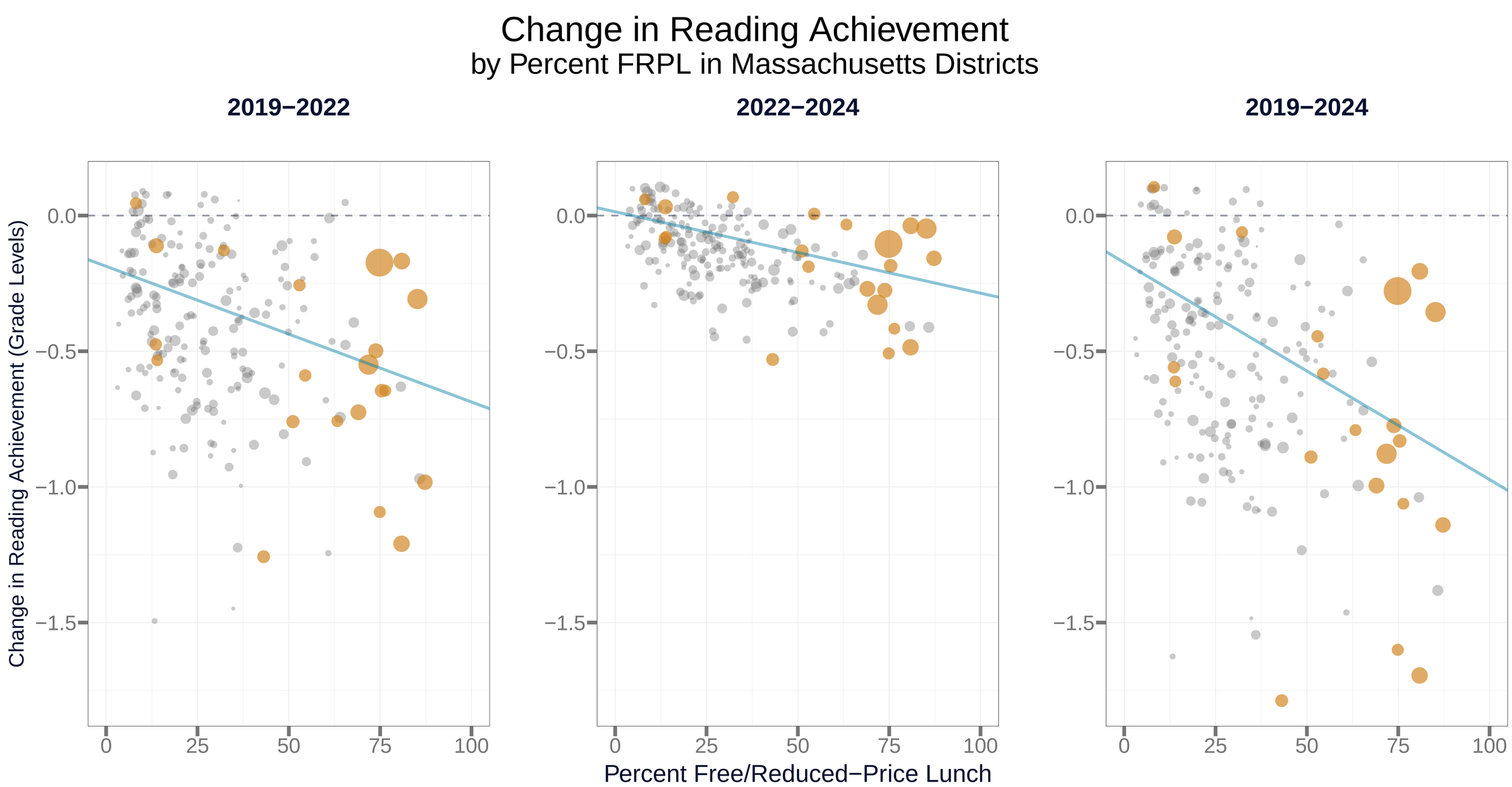

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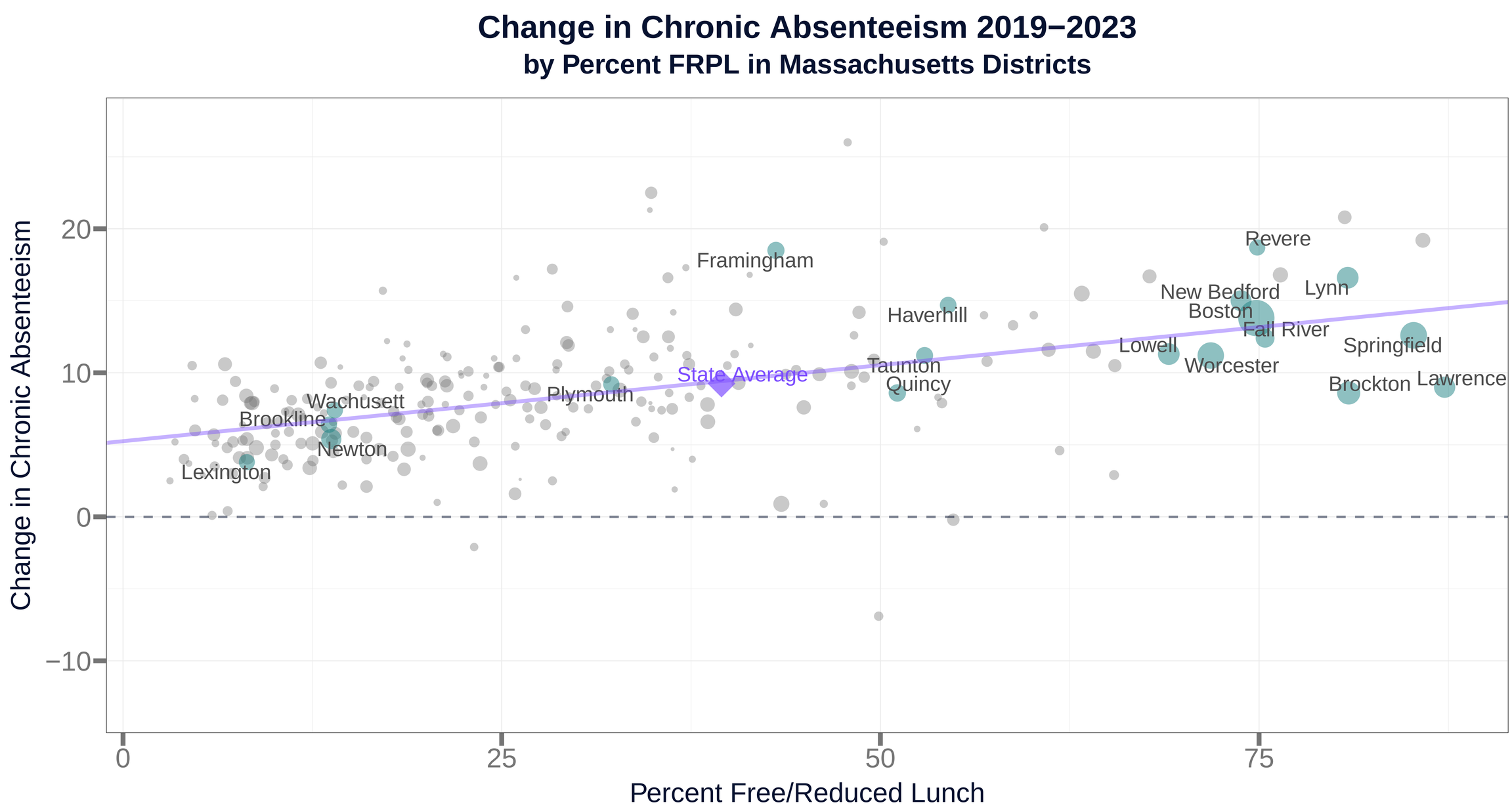

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