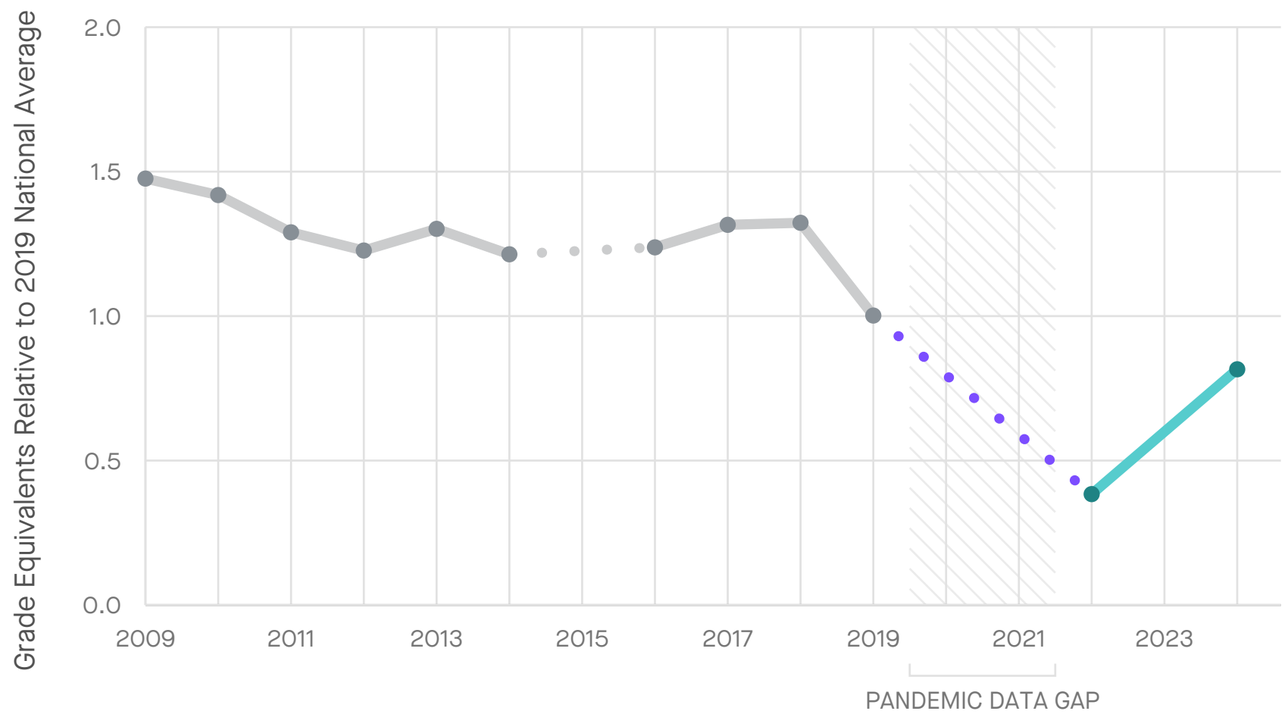
Billerica, MA

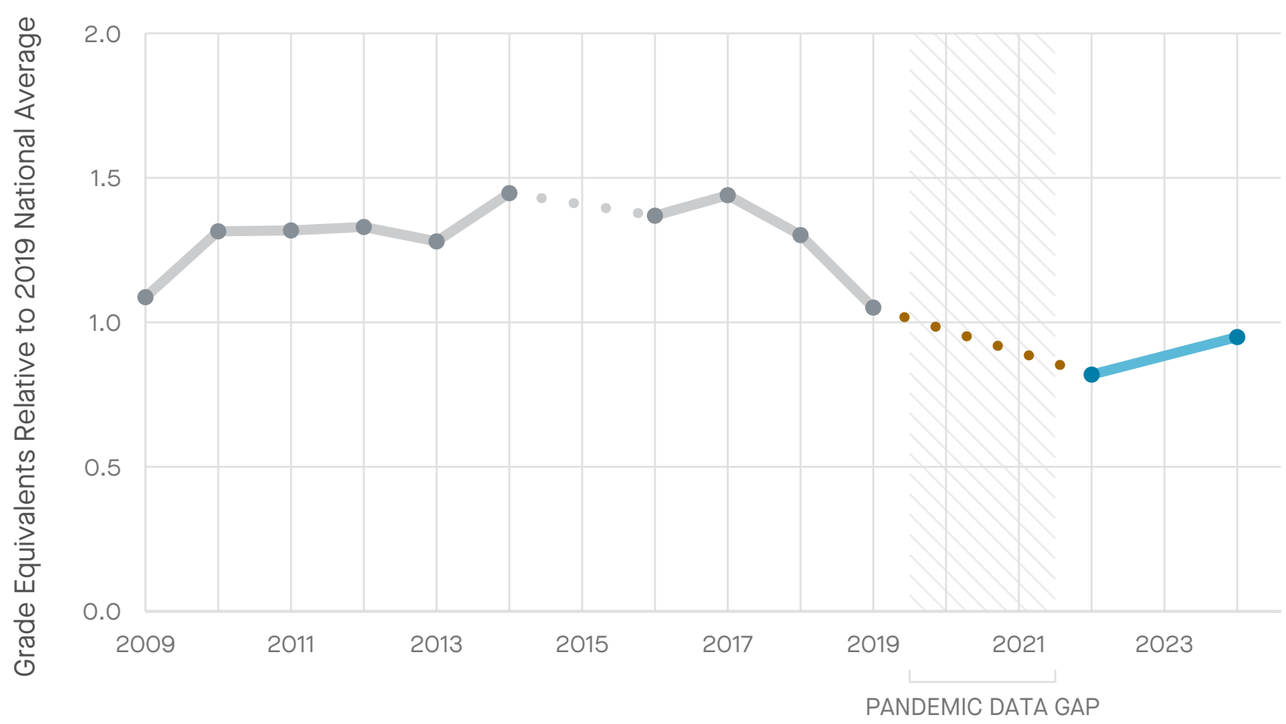
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	1.00
2022 Average	0.38
2024 Average	0.82
2019-2022 Change	-0.62
2022-2024 Change	+0.43
Since 2019	-0.19

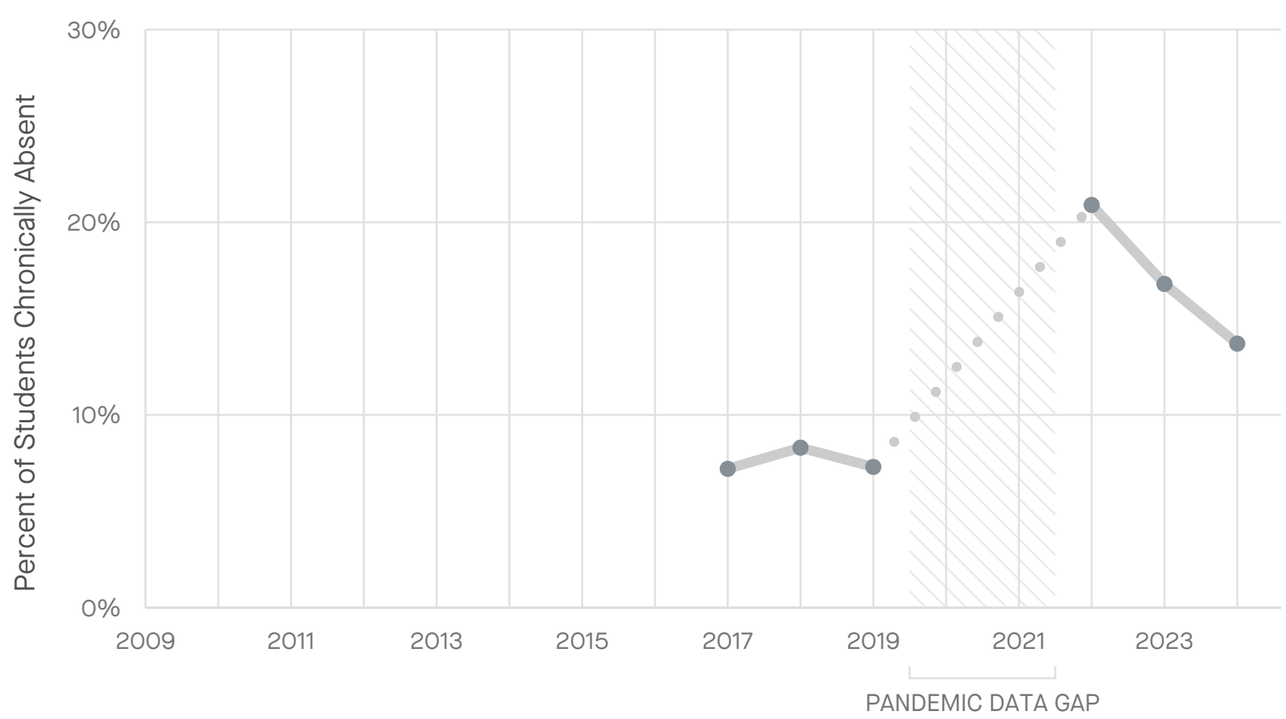
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	1.05
2022 Average	0.82
2024 Average	0.95
2019-2022 Change	-0.23
2022-2024 Change	+0.13
Since 2019	-0.10

Absenteeism, Grades 3-8, 2009-2024



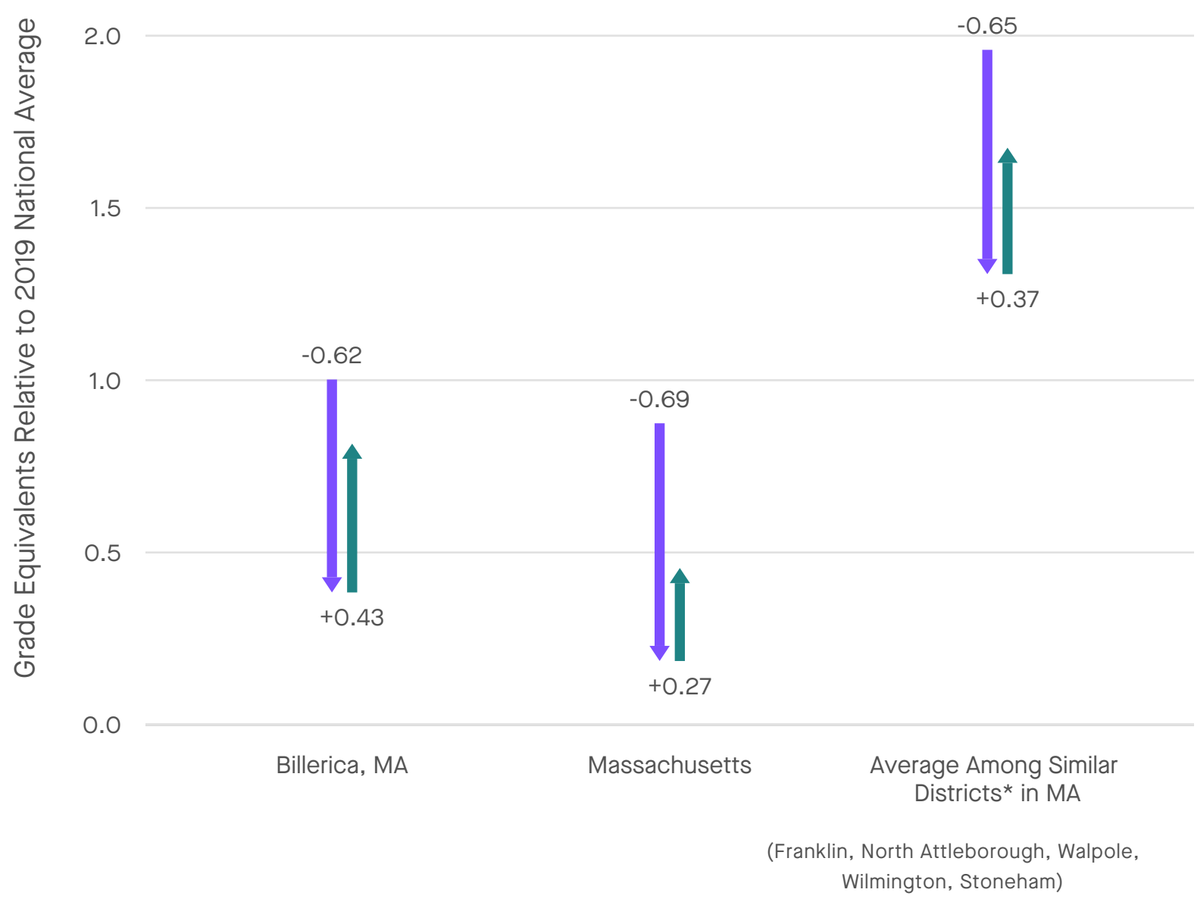
Absenteeism

2019-2023 Change	+0.10
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Billerica, MA

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



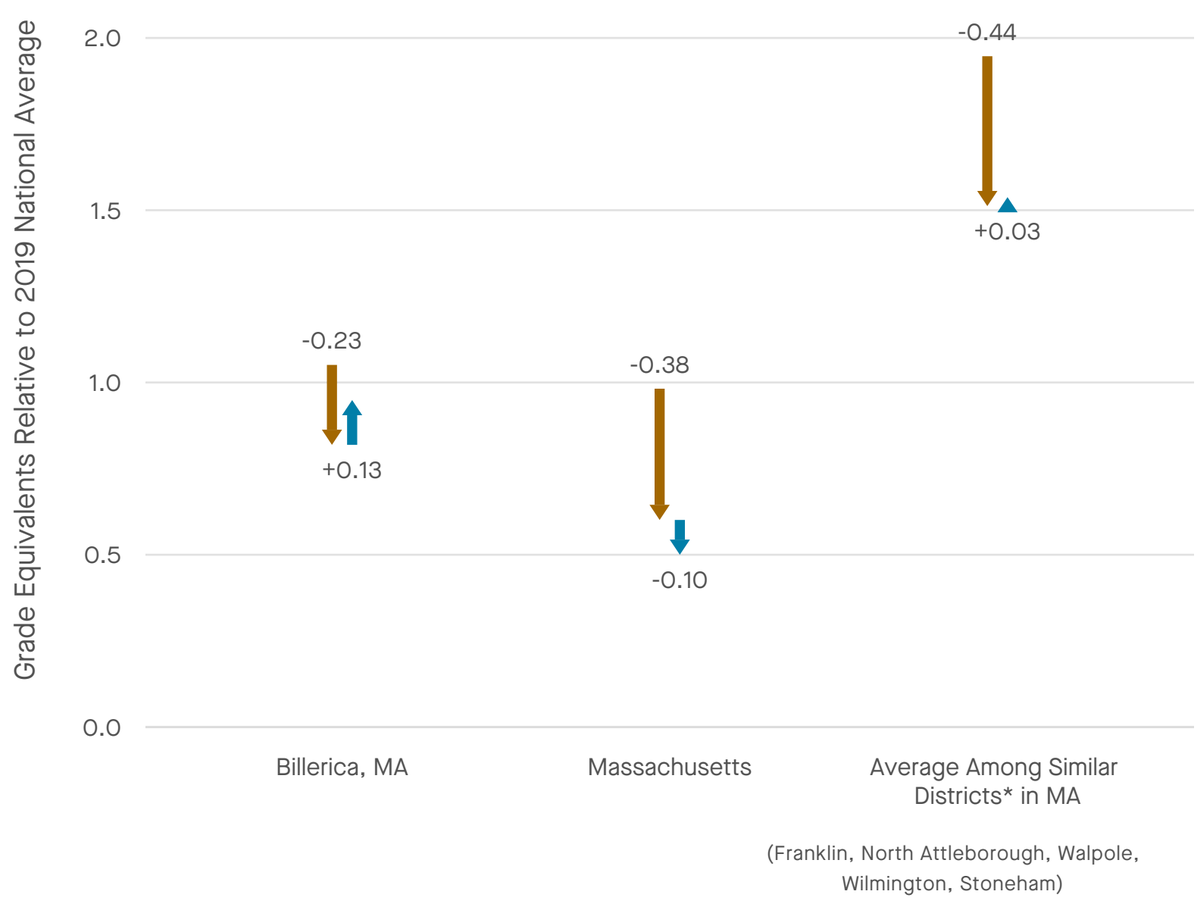
Average Math Scores and Trends in Scores

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
Billerica, MA	1.00	0.38	0.82	↓ -0.62	↑ 0.43	↓ -0.19
Massachusetts	0.88	0.18	0.46	↓ -0.69	↑ 0.27	↓ -0.42
Similar Districts* in Massachusetts	1.96	1.31	1.67	↓ -0.65	↑ 0.37	↓ -0.28

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

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



Average Reading Scores and Trends in Scores

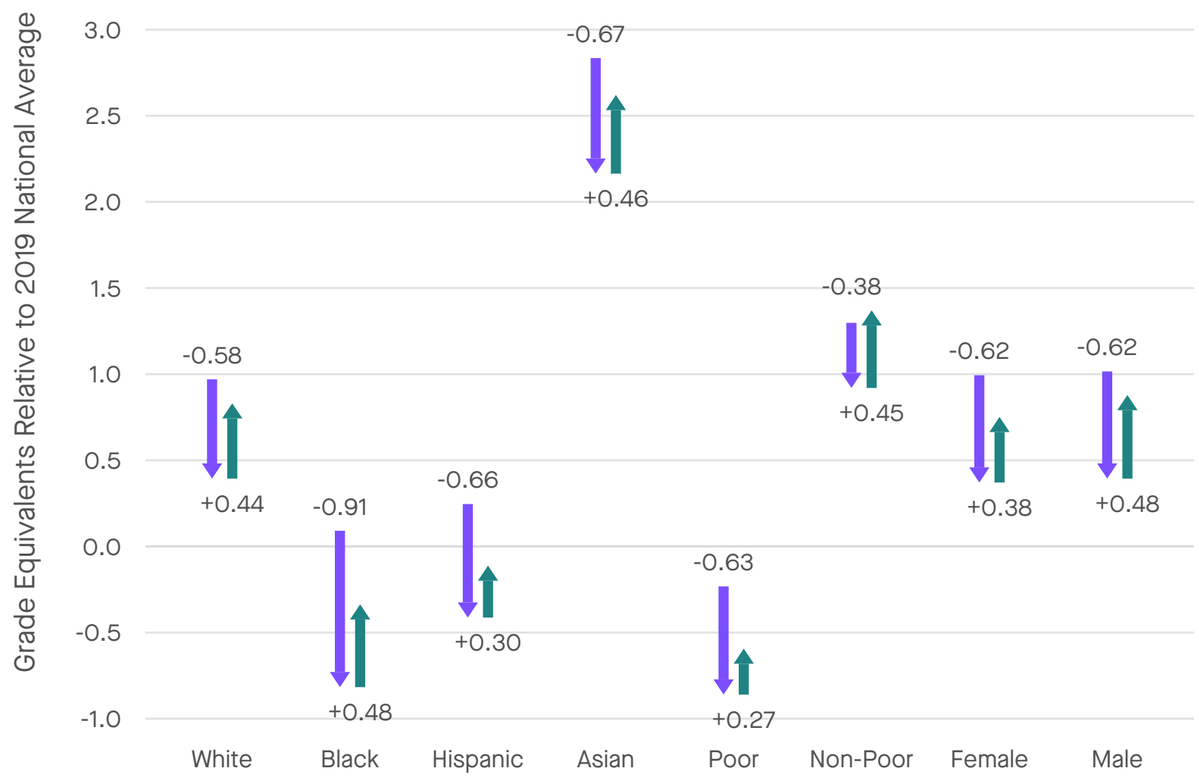
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Billerica, MA	1.05	0.82	0.95	↓ -0.23	↑ 0.13	↓ -0.10
Massachusetts	0.98	0.60	0.50	↓ -0.38	↓ -0.10	↓ -0.48
Similar Districts* in Massachusetts	1.95	1.51	1.54	↓ -0.44	↑ 0.03	↓ -0.41

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

Billerica, MA

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

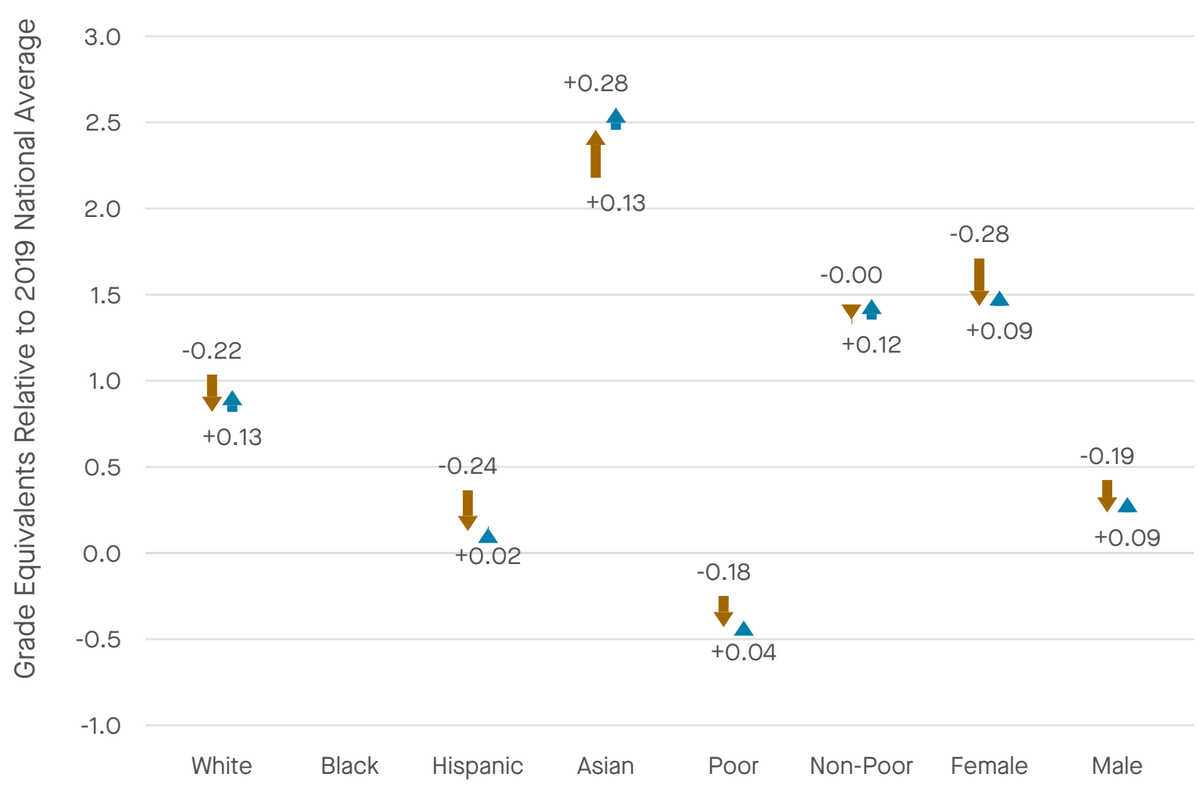


Average Math Scores and Trends in Scores

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	0.97	0.39	0.83	↓ -0.58	↑ 0.44	↓ -0.14
Black	0.09	-0.82	-0.34	↓ -0.91	↑ 0.48	↓ -0.43
Hispanic	0.25	-0.41	-0.11	↓ -0.66	↑ 0.30	↓ -0.36
Asian	2.83	2.16	2.62	↓ -0.67	↑ 0.46	↓ -0.21
Poor	-0.23	-0.86	-0.59	↓ -0.63	↑ 0.27	↓ -0.36
Non-Poor	1.30	0.92	1.37	↓ -0.38	↑ 0.45	↑ 0.07
Female	0.99	0.37	0.75	↓ -0.62	↑ 0.38	↓ -0.24
Male	1.02	0.39	0.88	↓ -0.62	↑ 0.48	↓ -0.14

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



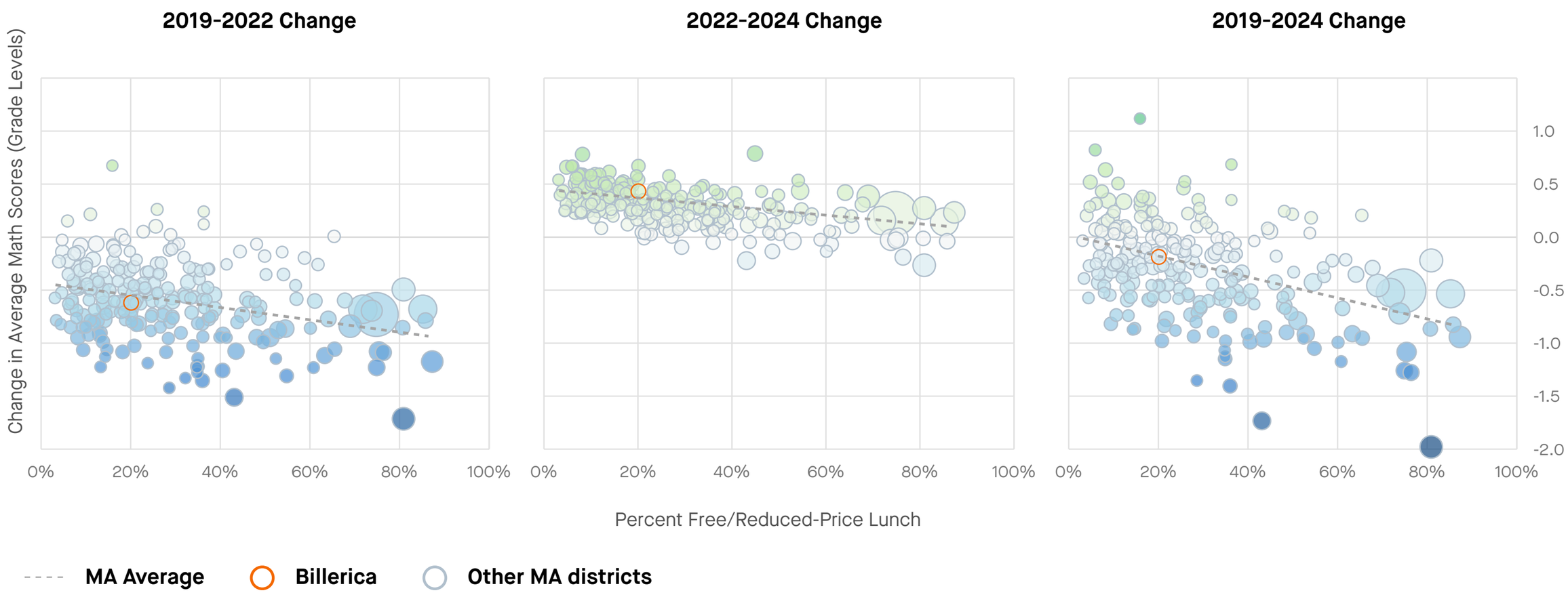
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

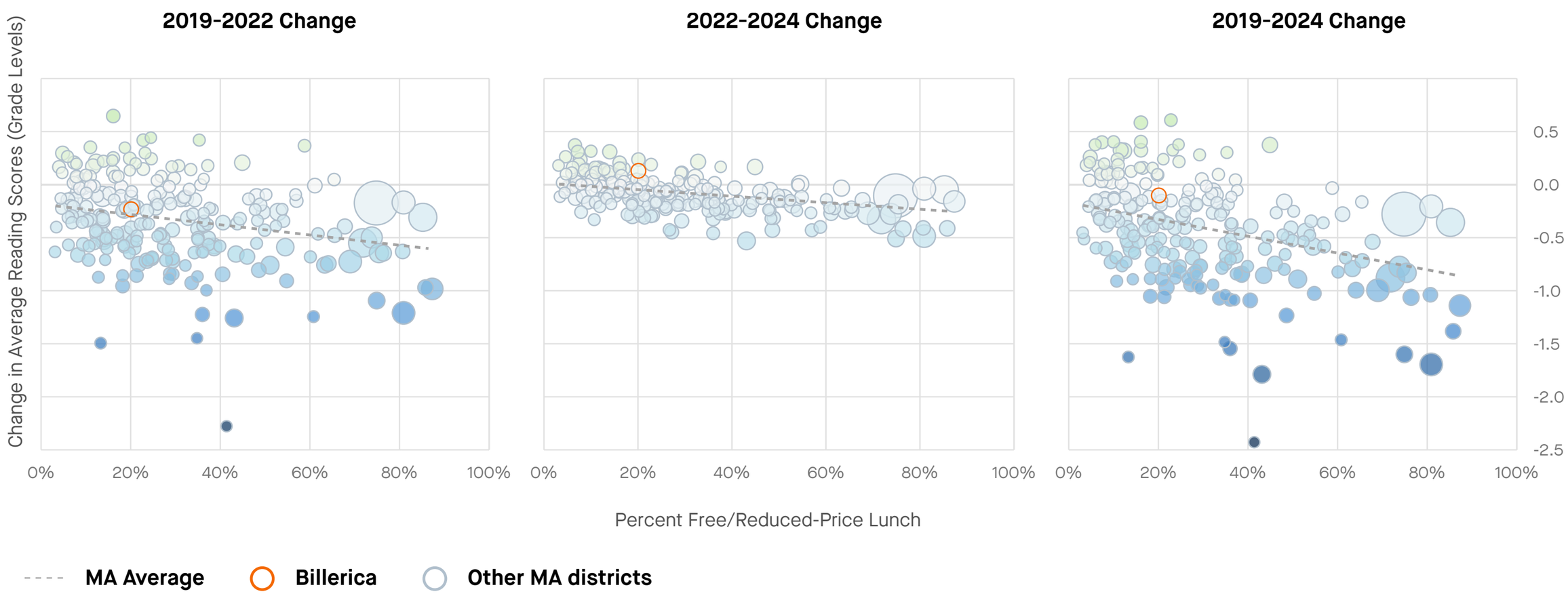
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.04	0.82	0.95	↓ -0.22	↑ 0.13	↓ -0.09
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	0.36	0.13	0.15	↓ -0.24	↑ 0.02	↓ -0.22
Asian	2.18	2.46	2.59	↑ 0.28	↑ 0.13	↑ 0.41
Poor	-0.25	-0.43	-0.39	↓ -0.18	↑ 0.04	↓ -0.14
Non-Poor	1.36	1.35	1.48	↓ -0.00	↑ 0.12	↑ 0.12
Female	1.71	1.43	1.52	↓ -0.28	↑ 0.09	↓ -0.19
Male	0.42	0.23	0.33	↓ -0.19	↑ 0.09	↓ -0.10

Billerica, MA

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

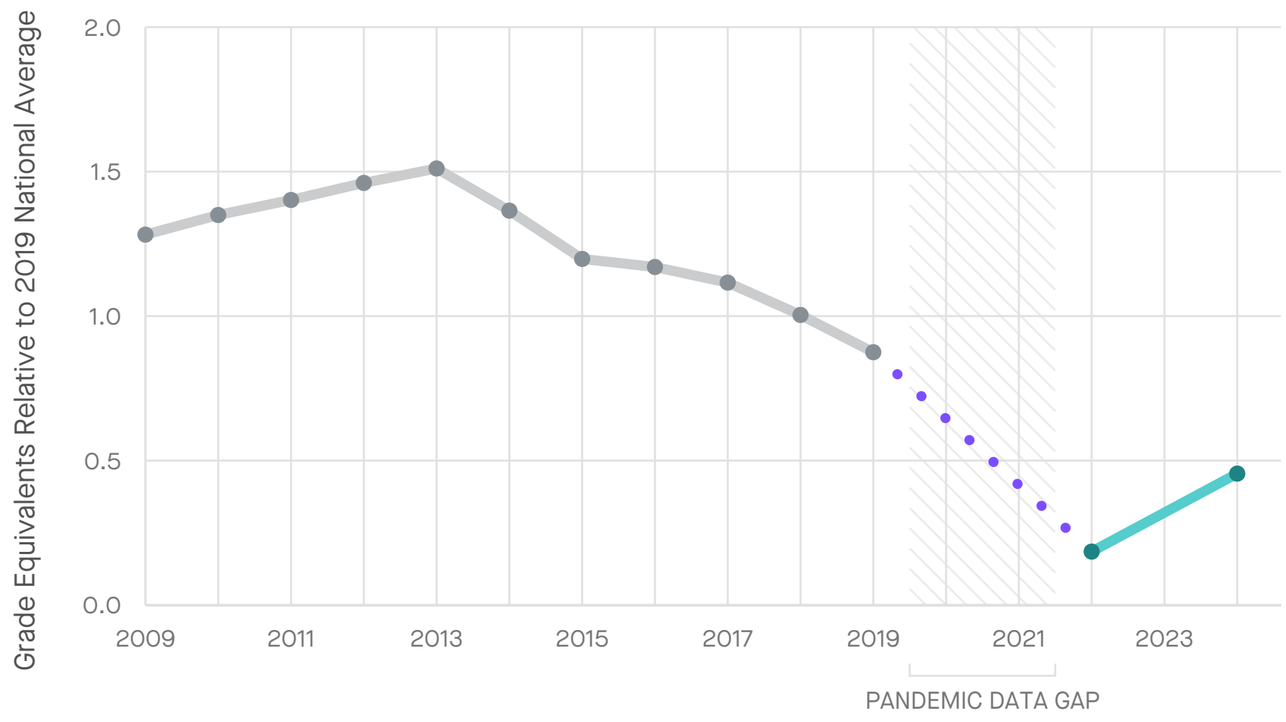


Change in Reading Performance in Massachusetts Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Massachusetts

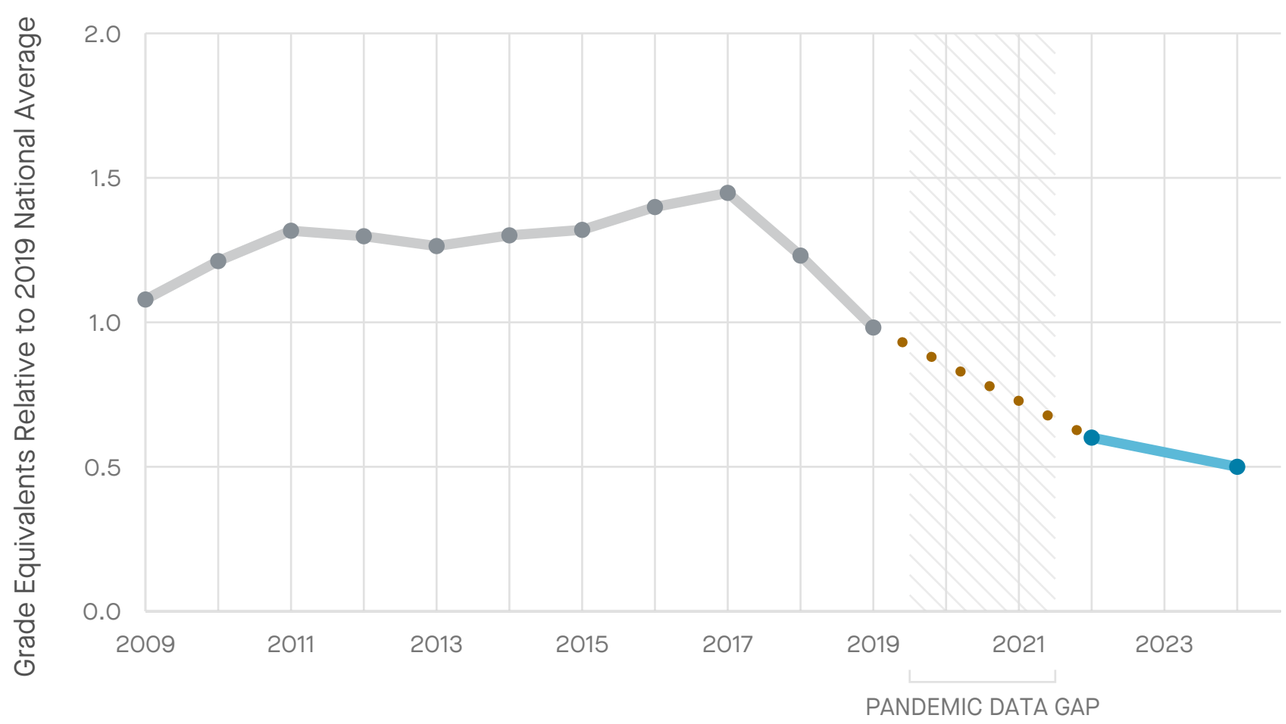
Math Performance, Grades 3-8, 2009-2024



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

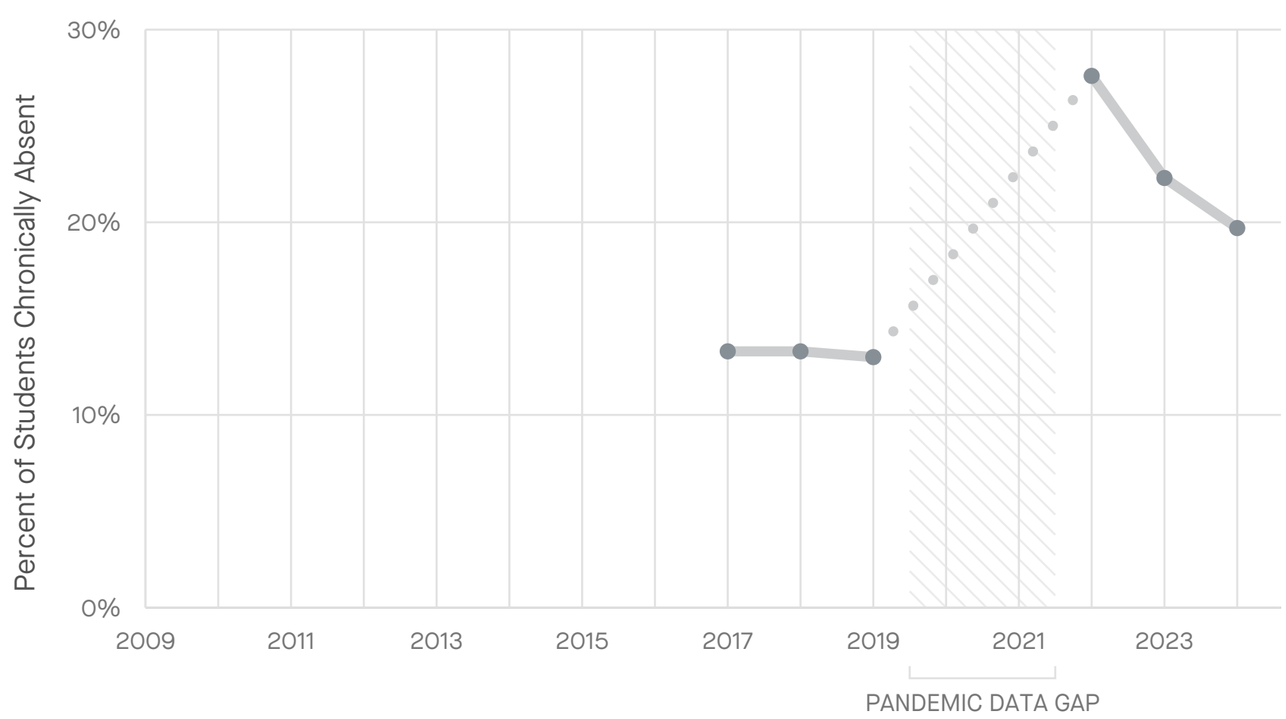
Reading Performance, Grades 3-8, 2009-2024



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



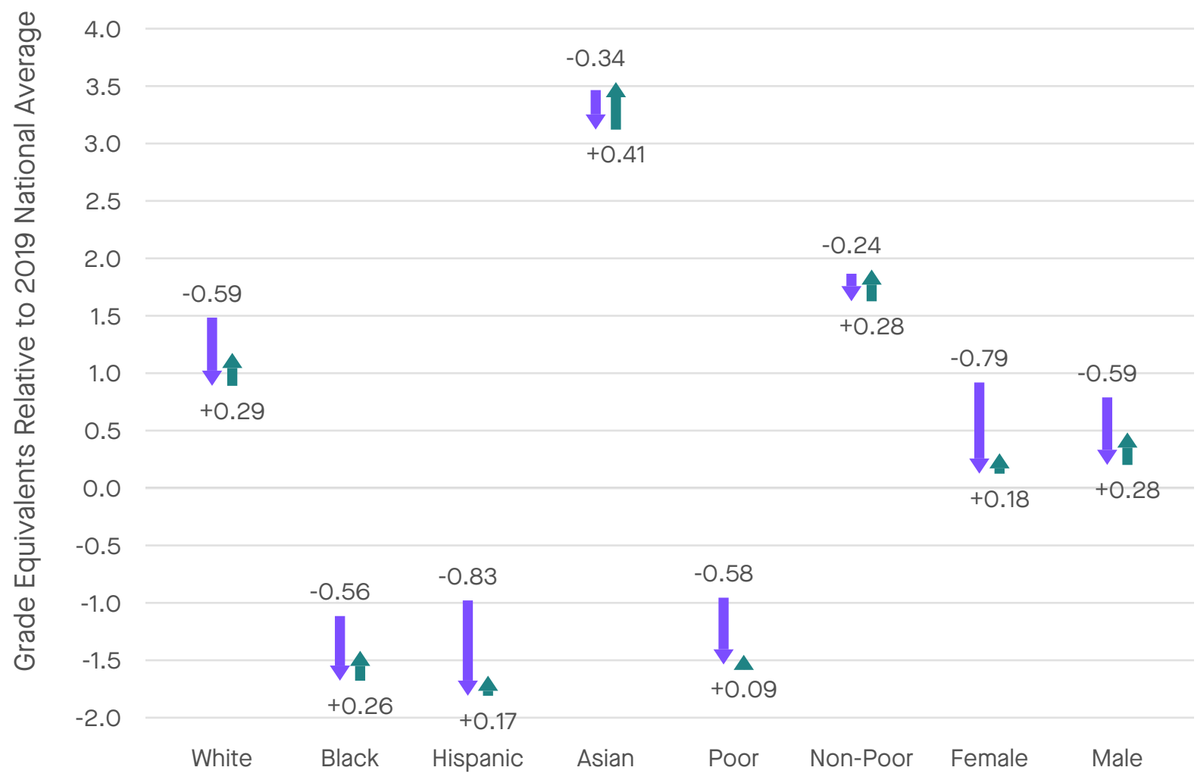
Absenteeism

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

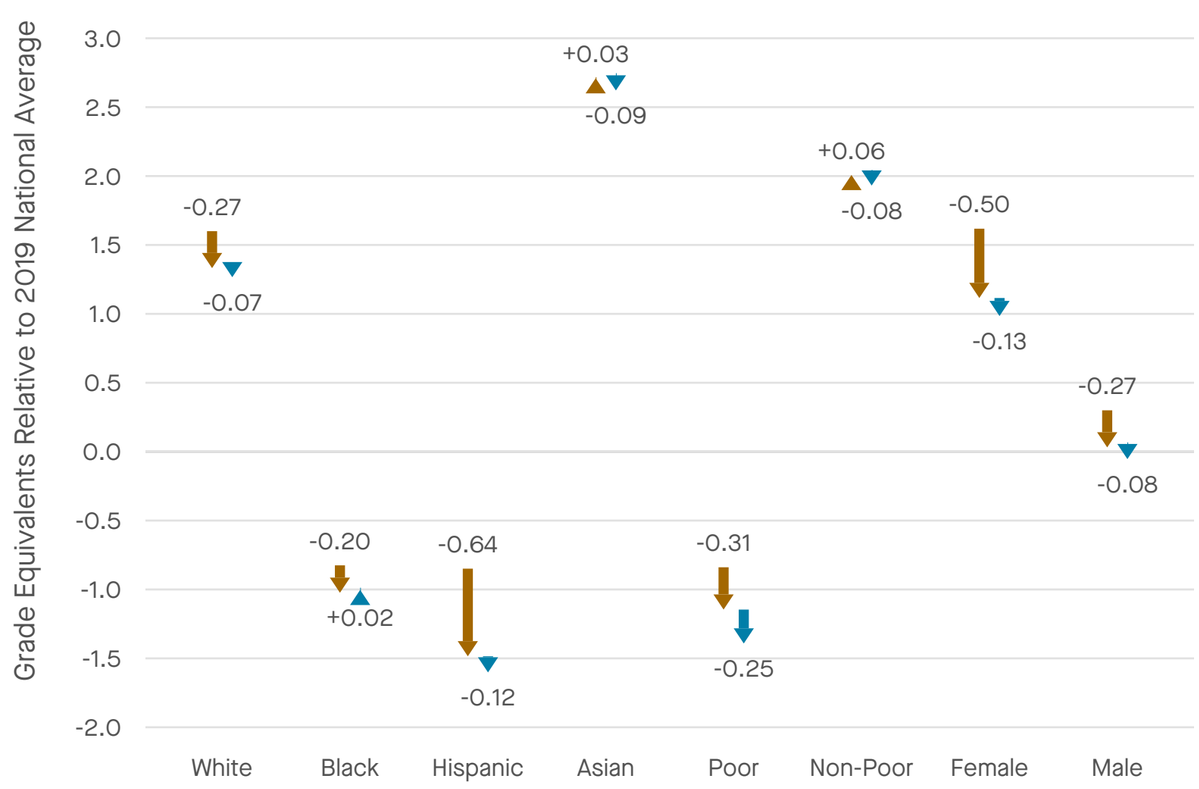


Average Math Scores and Trends in Scores

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

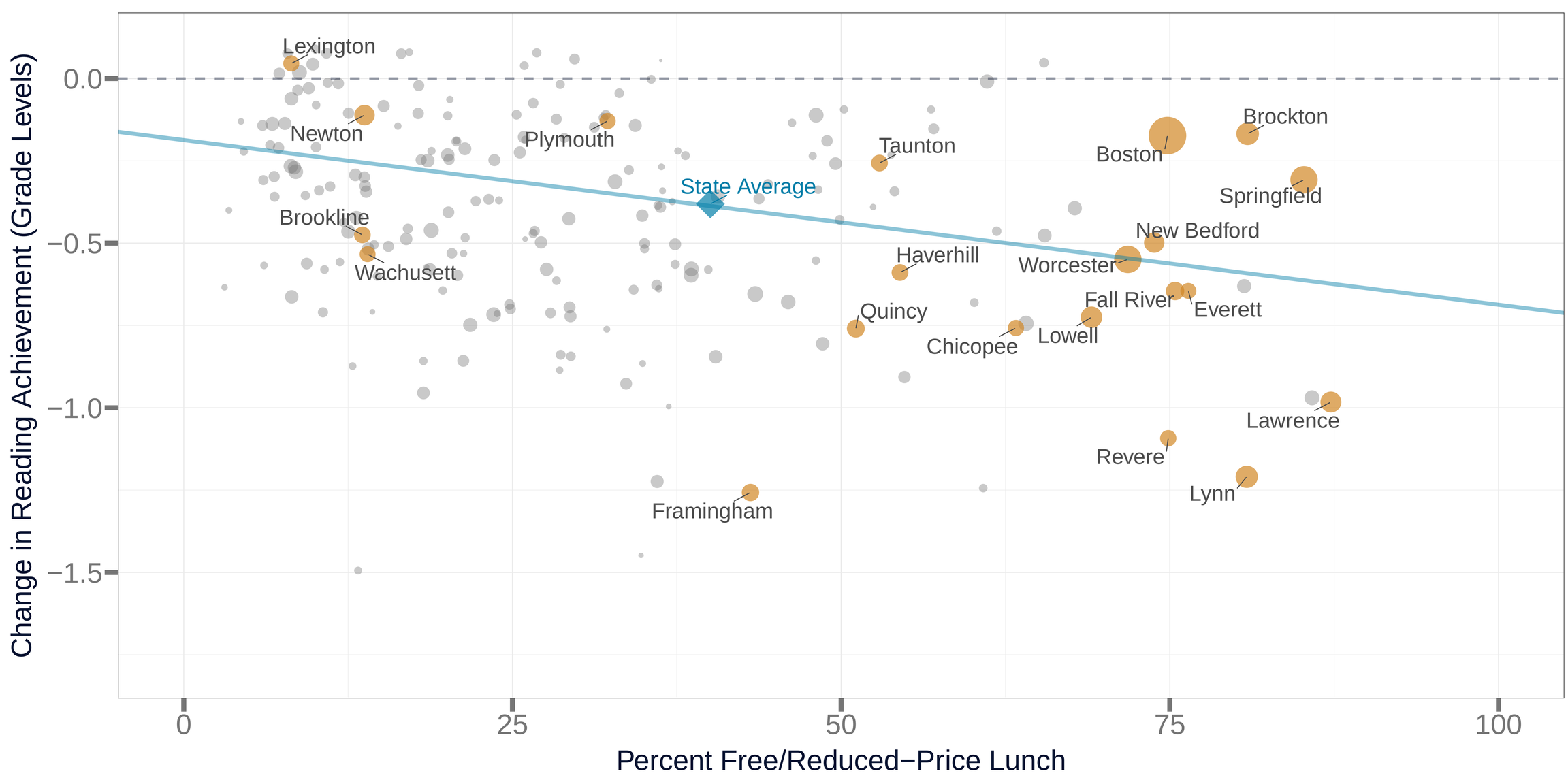
in Grade Level Equivalents Relative to the 2019 National Average

	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

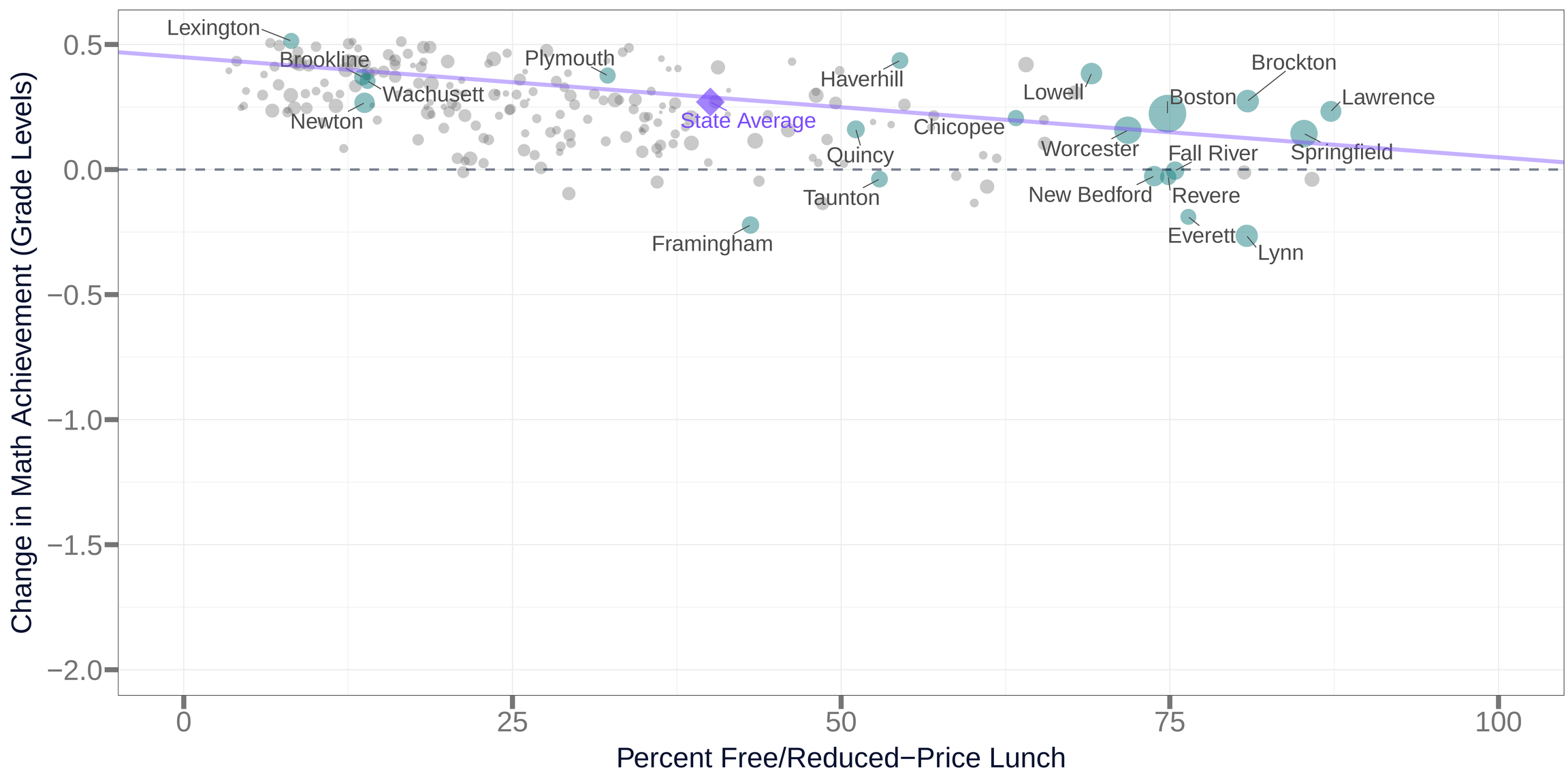
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



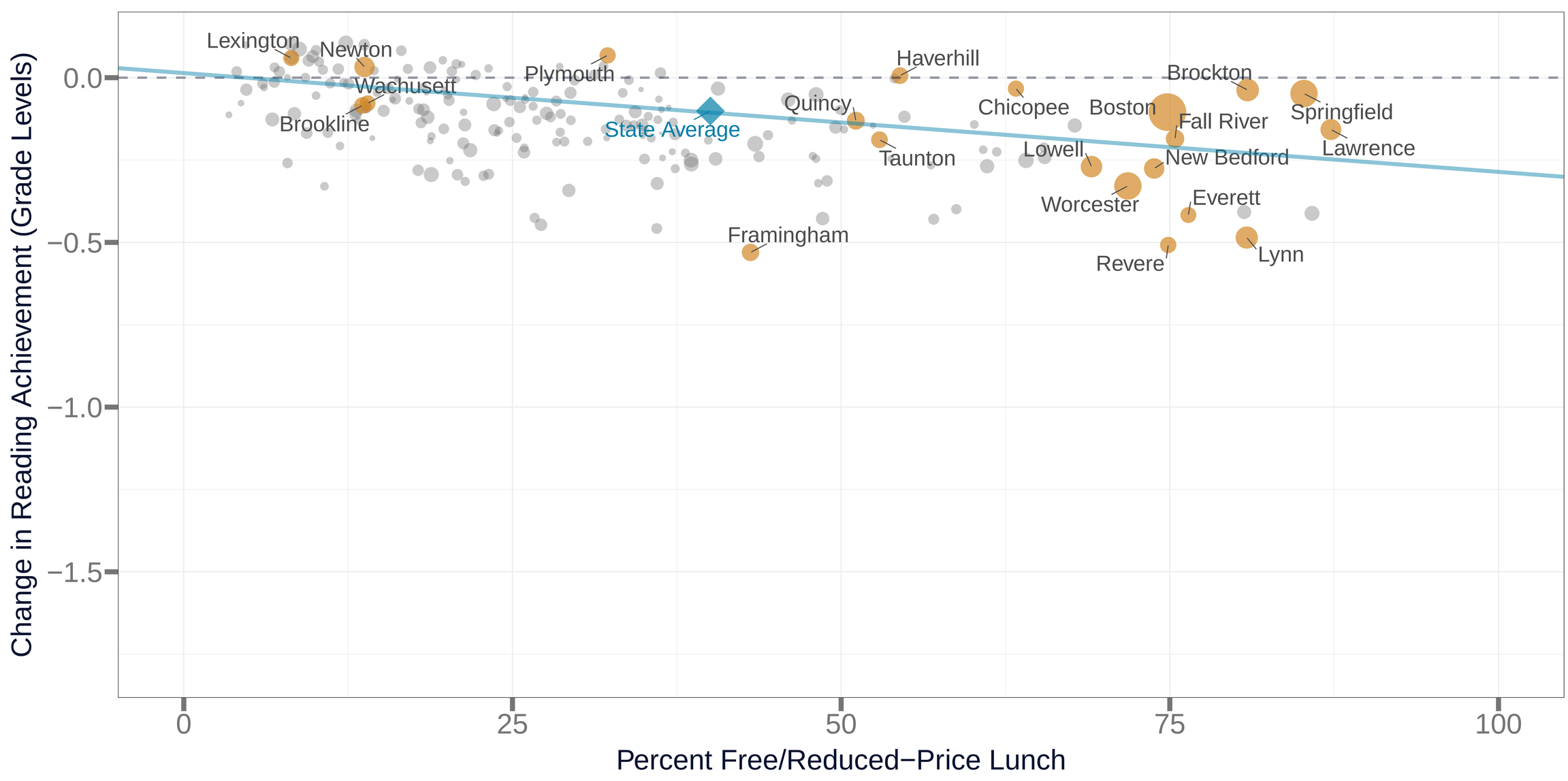
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



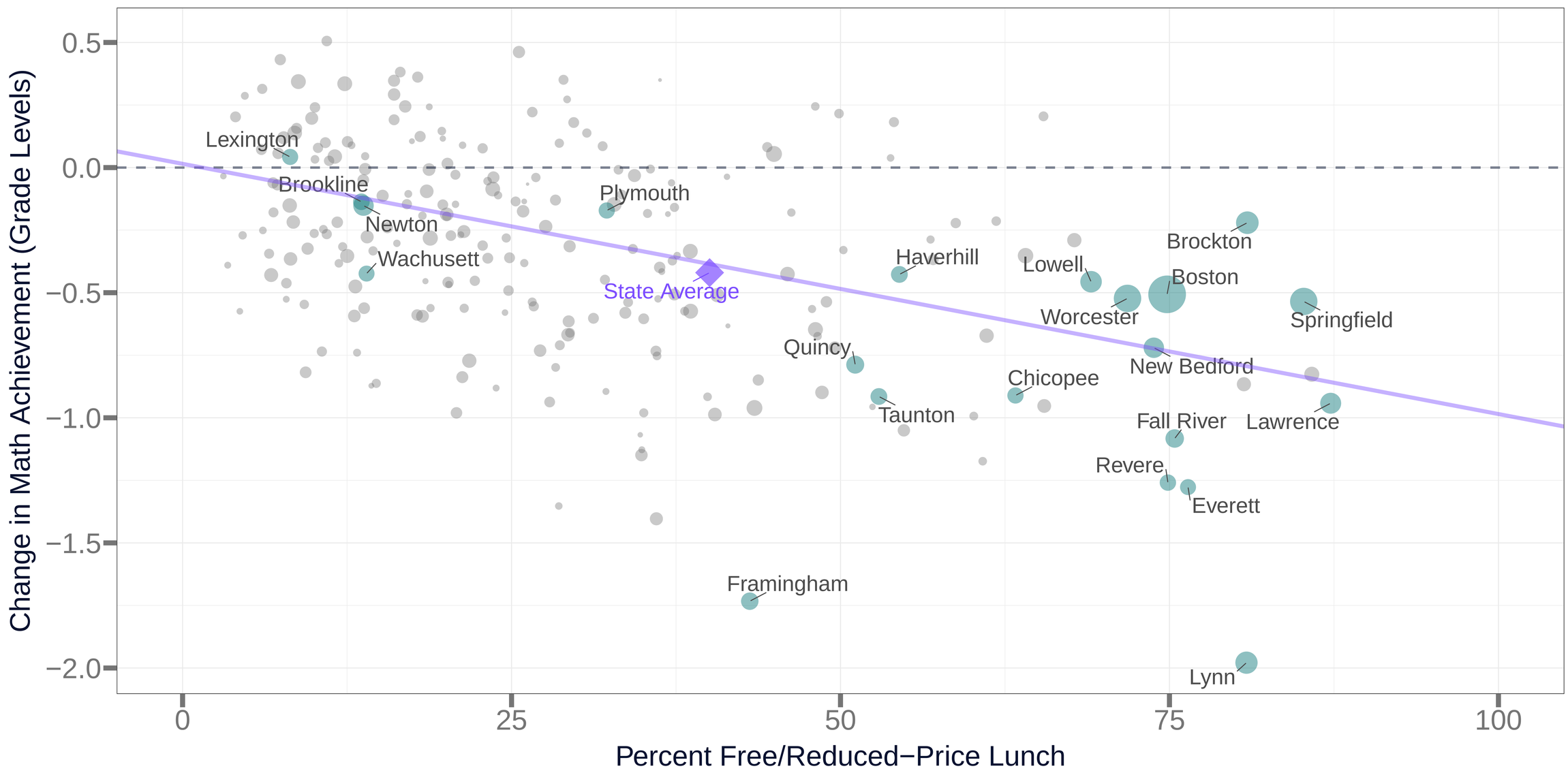
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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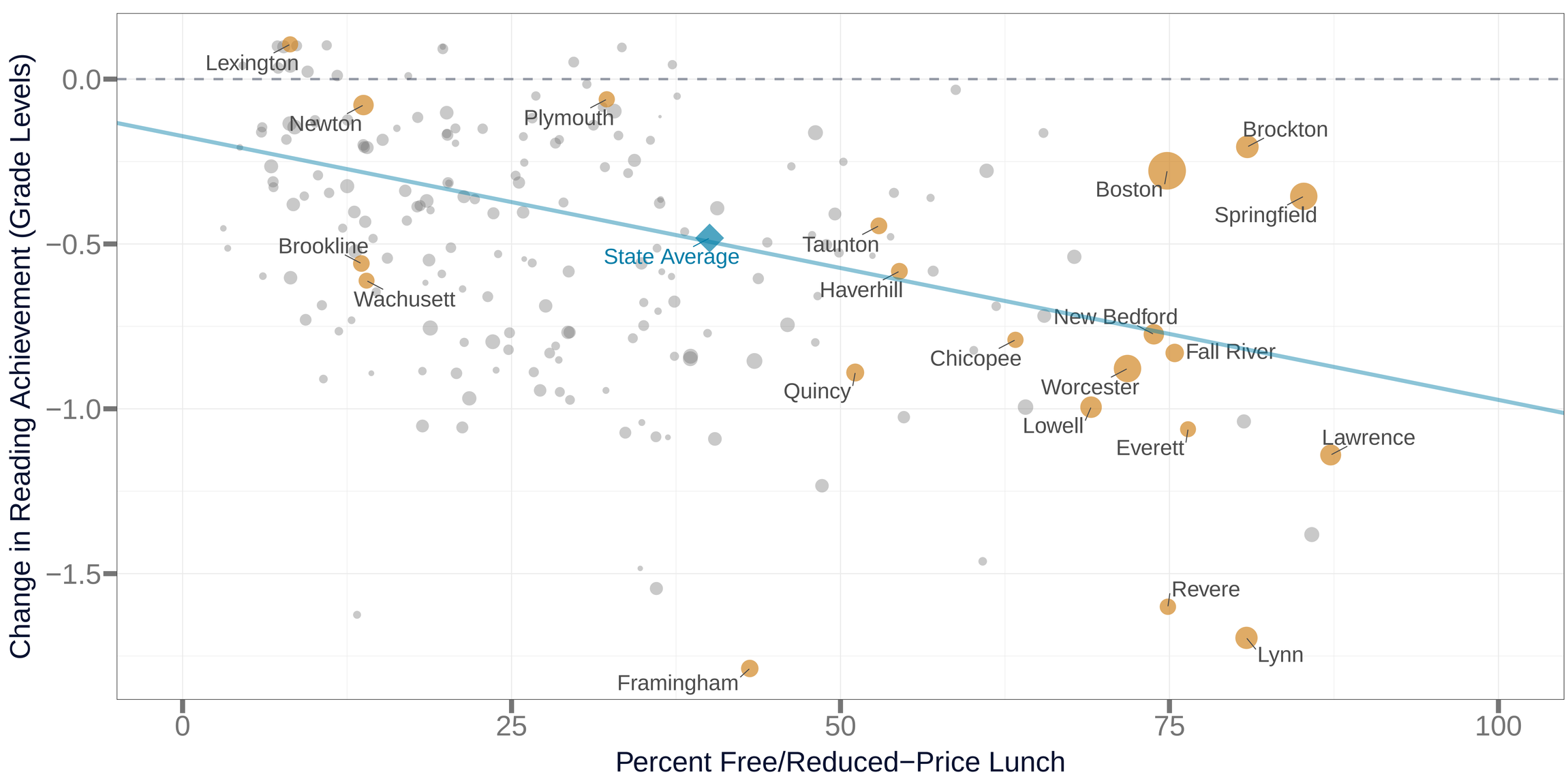
Change in Reading Achievement 2019−2024
by Percent FRPL in Massachusetts Districts



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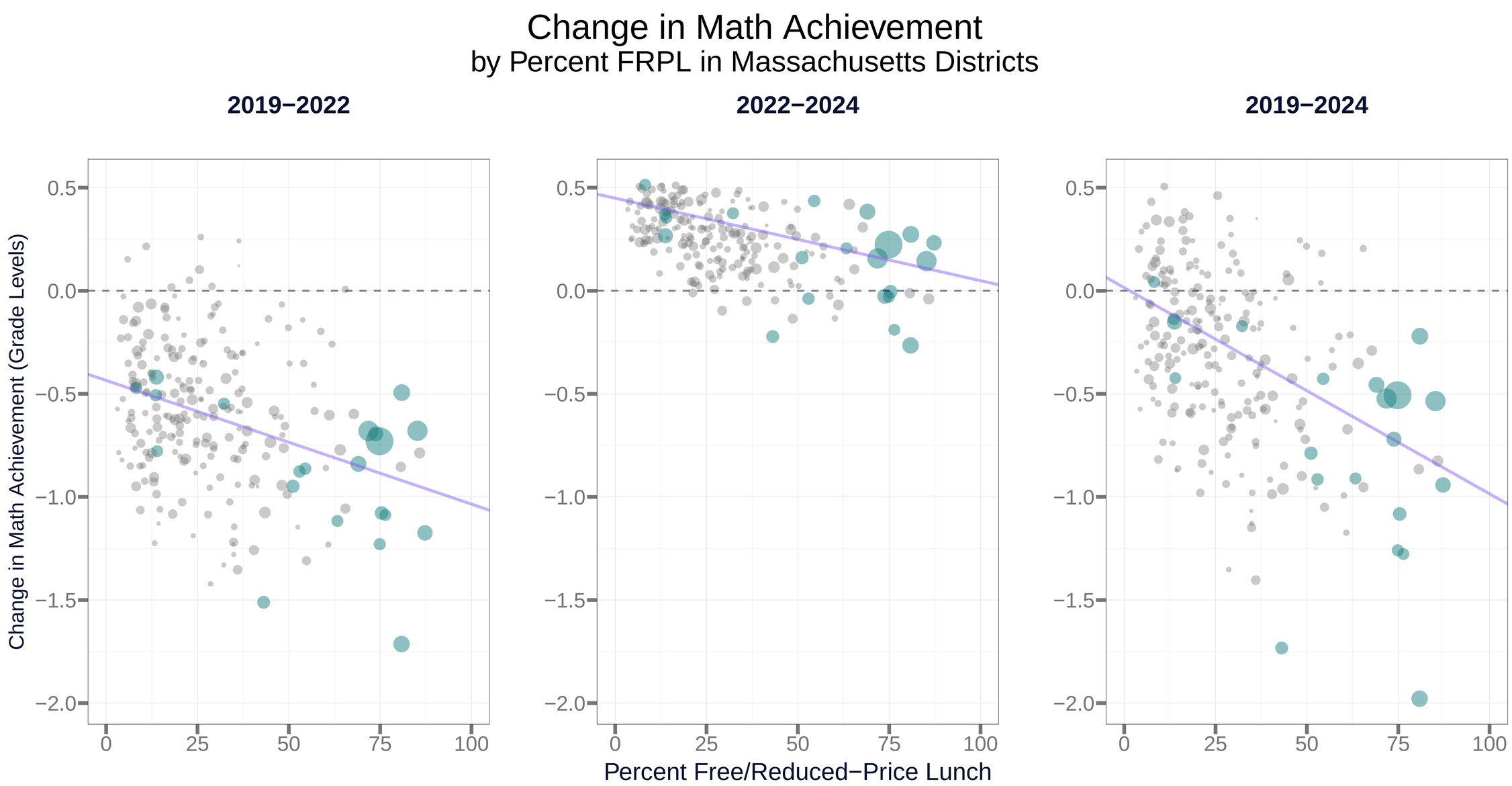

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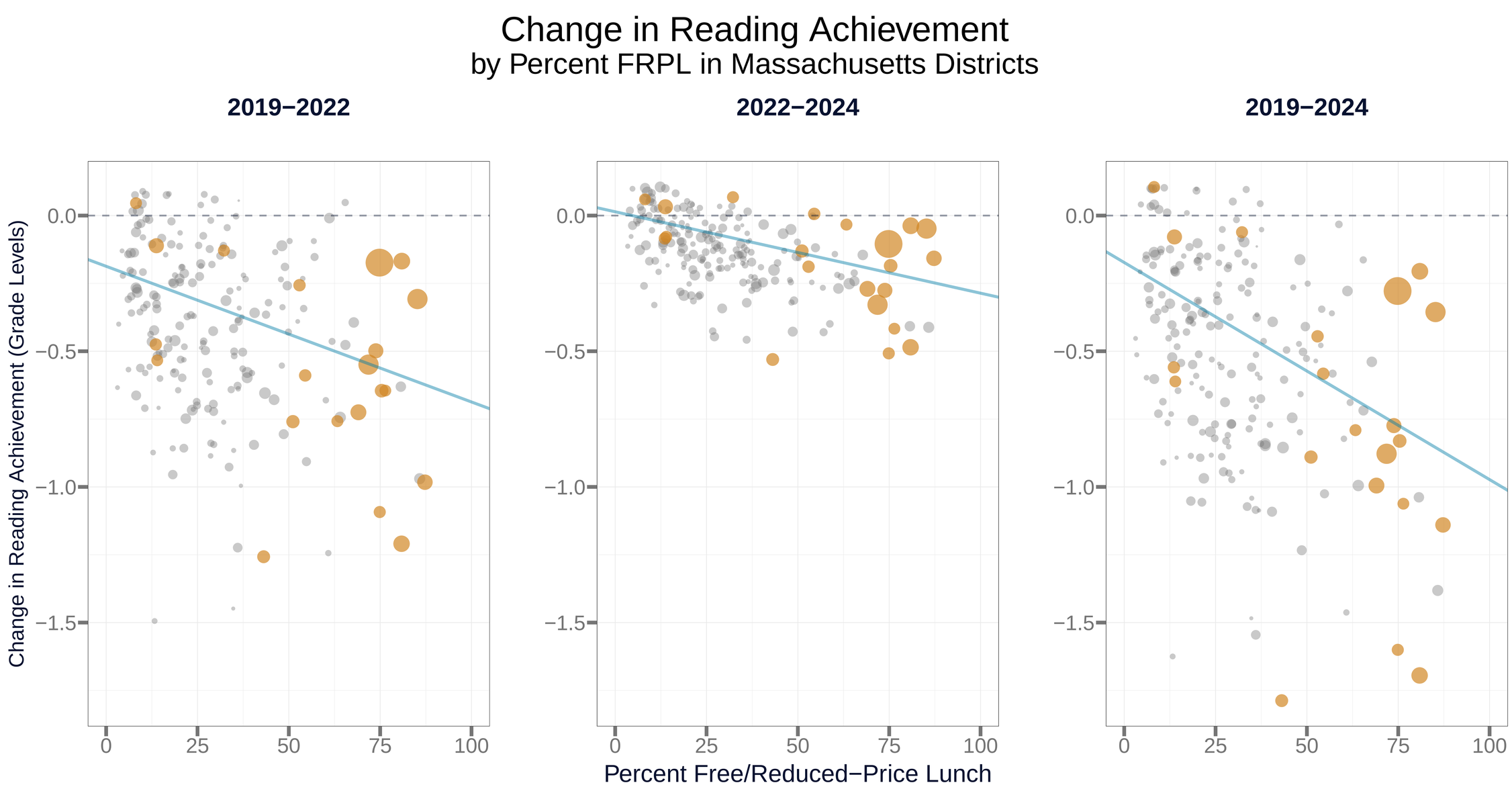

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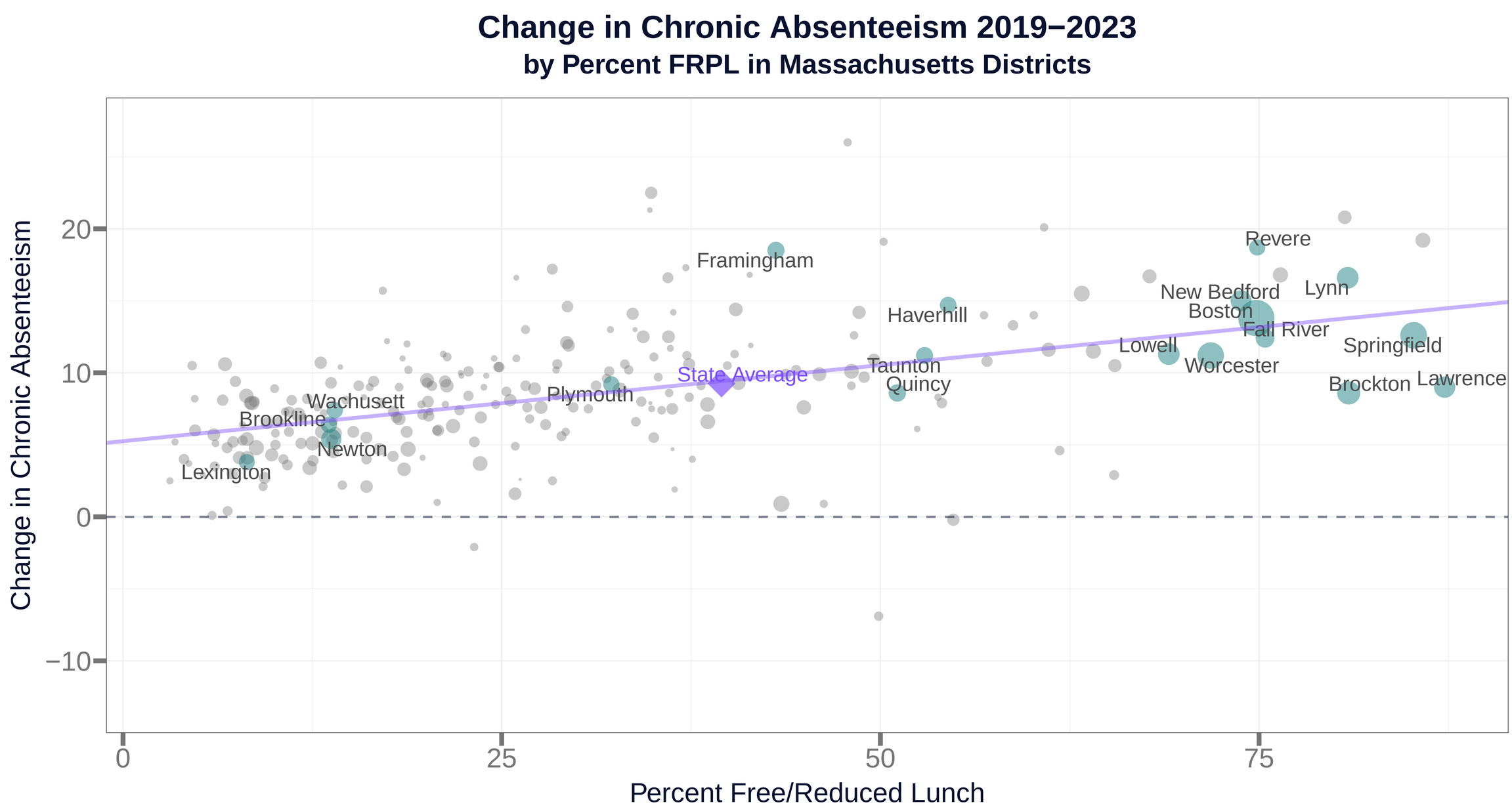

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