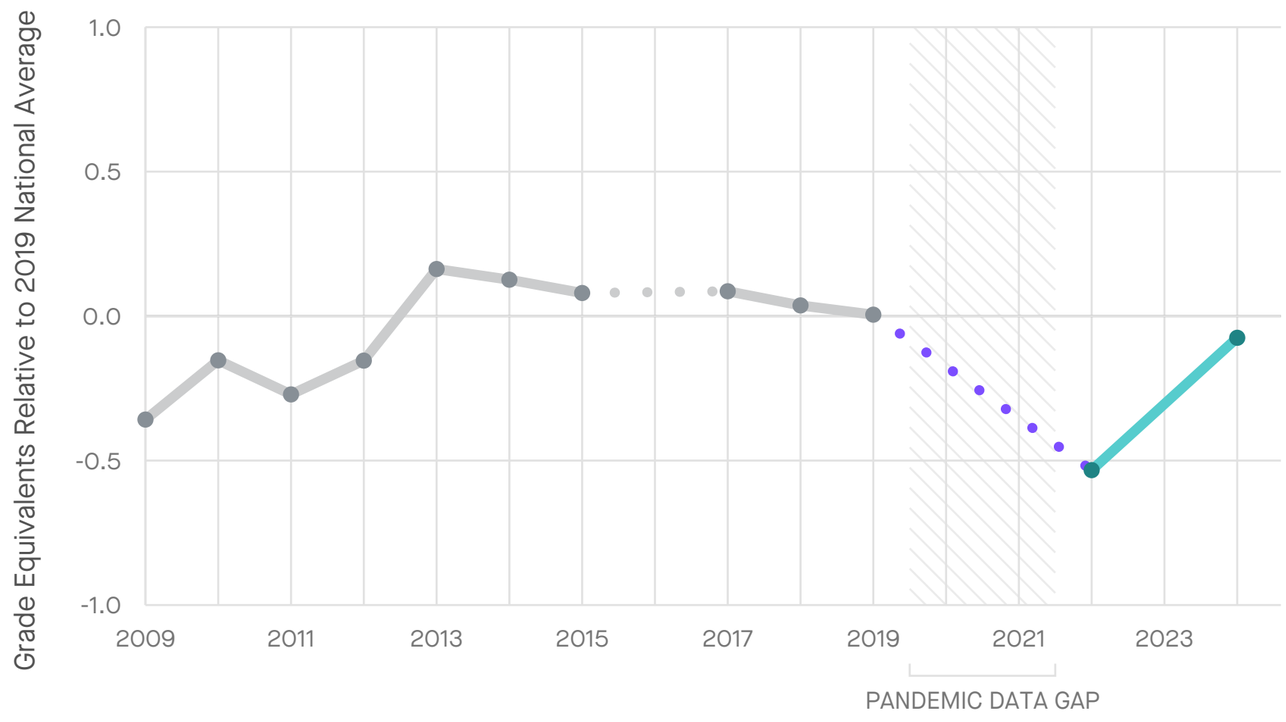
Knox County, TN

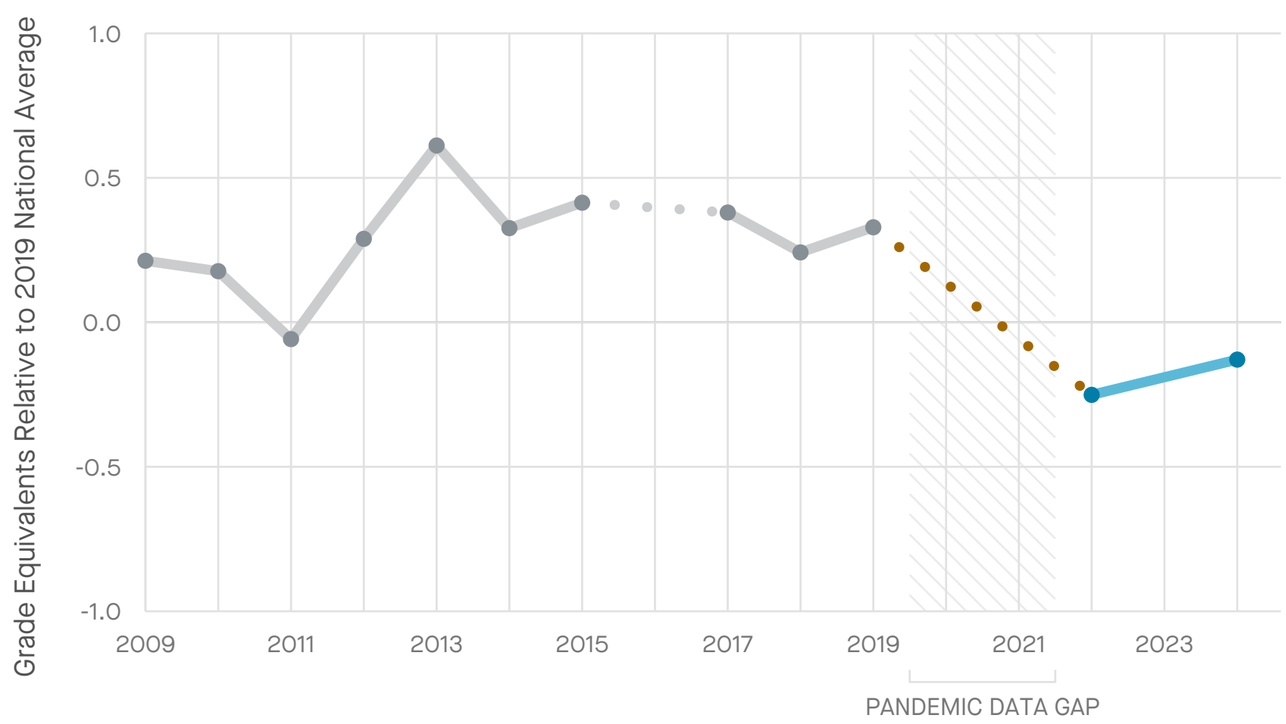
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	0.01
2022 Average	-0.53
2024 Average	-0.07
2019-2022 Change	-0.54
2022-2024 Change	+0.46
Since 2019	-0.08

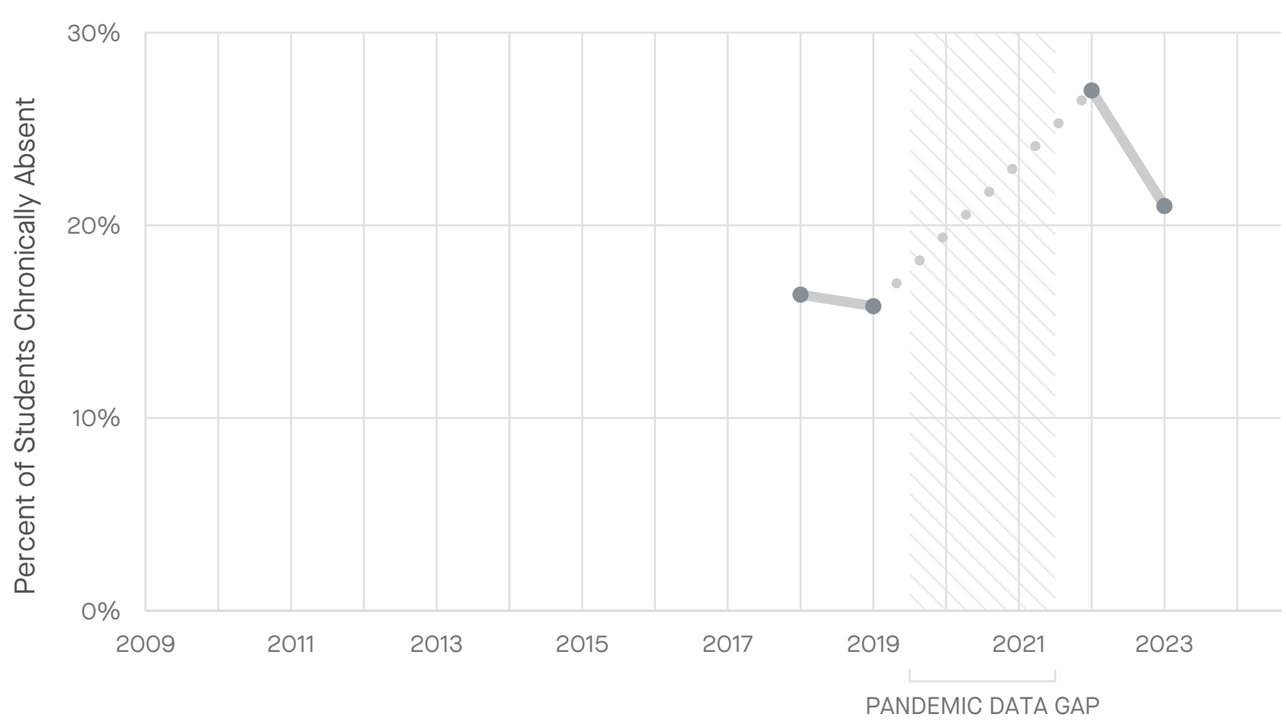
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	0.33
2022 Average	-0.25
2024 Average	-0.13
2019-2022 Change	-0.58
2022-2024 Change	+0.12
Since 2019	-0.46

Absenteeism, Grades 3-8, 2009-2024



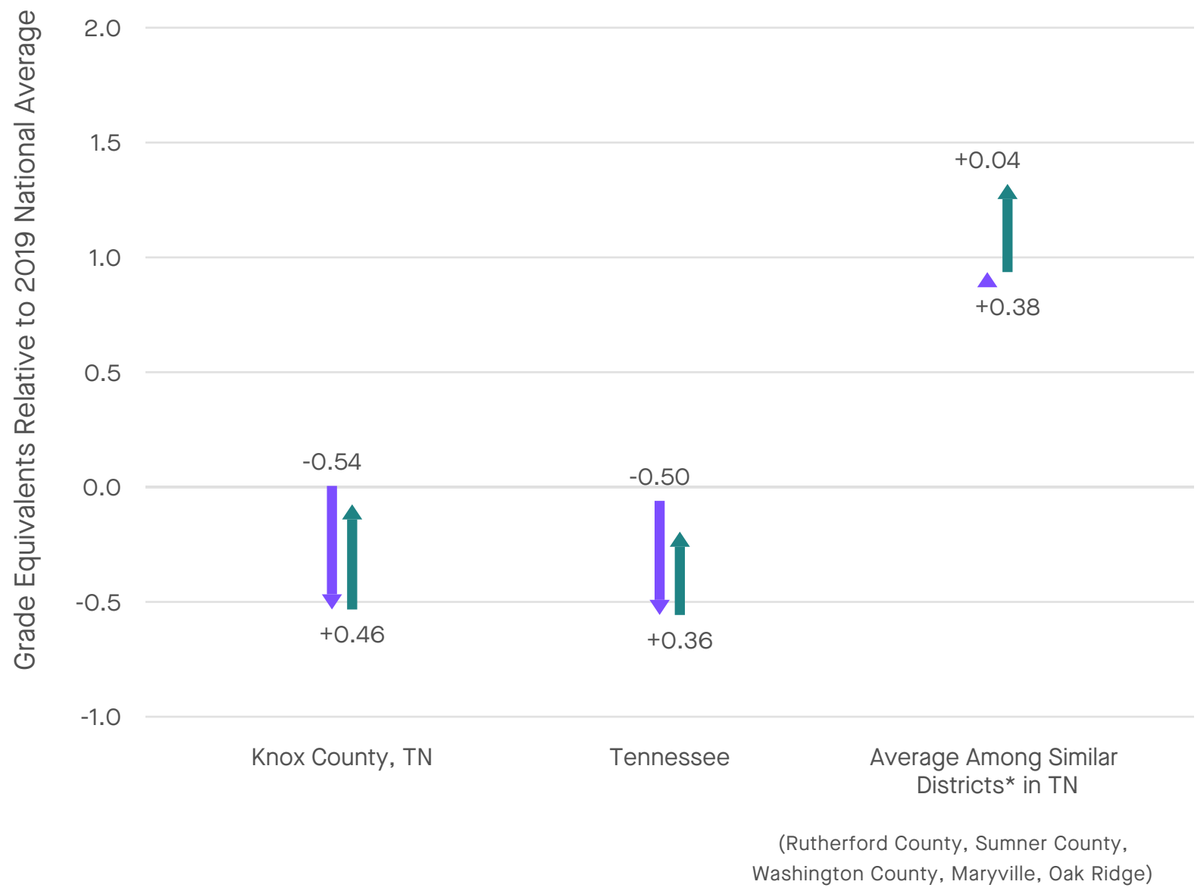
Absenteeism

2019-2023 Change	+0.05
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Knox County, TN

Math Performance in Knox County vs. Tennessee and Similar Districts, Grades 3-8, 2019-2024



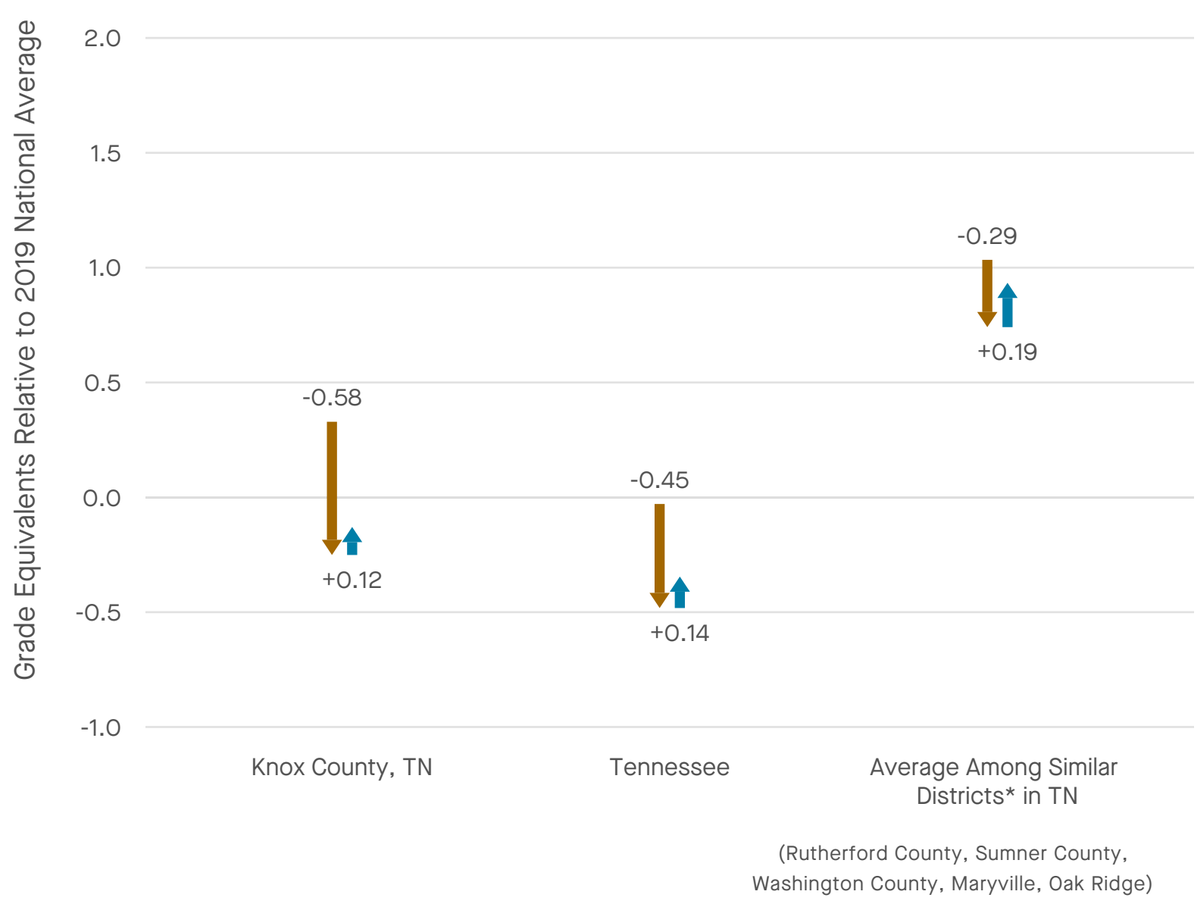
Average Math Scores and Trends in Scores

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
Knox County, TN	0.01	-0.53	-0.07	↓ -0.54	↑ 0.46	↓ -0.08
Tennessee	-0.06	-0.56	-0.19	↓ -0.50	↑ 0.36	↓ -0.13
Similar Districts* in Tennessee	0.89	0.94	1.32	↑ 0.04	↑ 0.38	↑ 0.43

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

Reading Performance in Knox County vs. Tennessee and Similar Districts, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

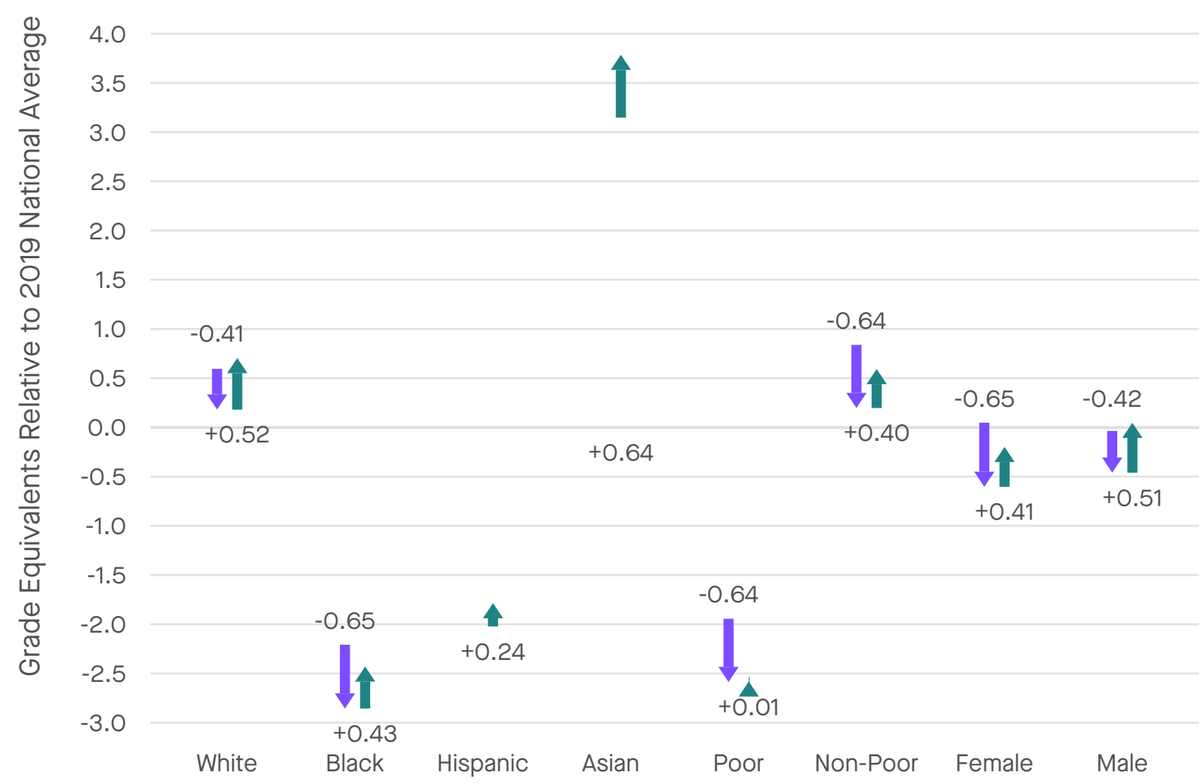
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Knox County, TN	0.33	-0.25	-0.13	↓ -0.58	↑ 0.12	↓ -0.46
Tennessee	-0.03	-0.48	-0.34	↓ -0.45	↑ 0.14	↓ -0.32
Similar Districts* in Tennessee	1.03	0.74	0.93	↓ -0.29	↑ 0.19	↓ -0.10

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

Knox County, TN

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

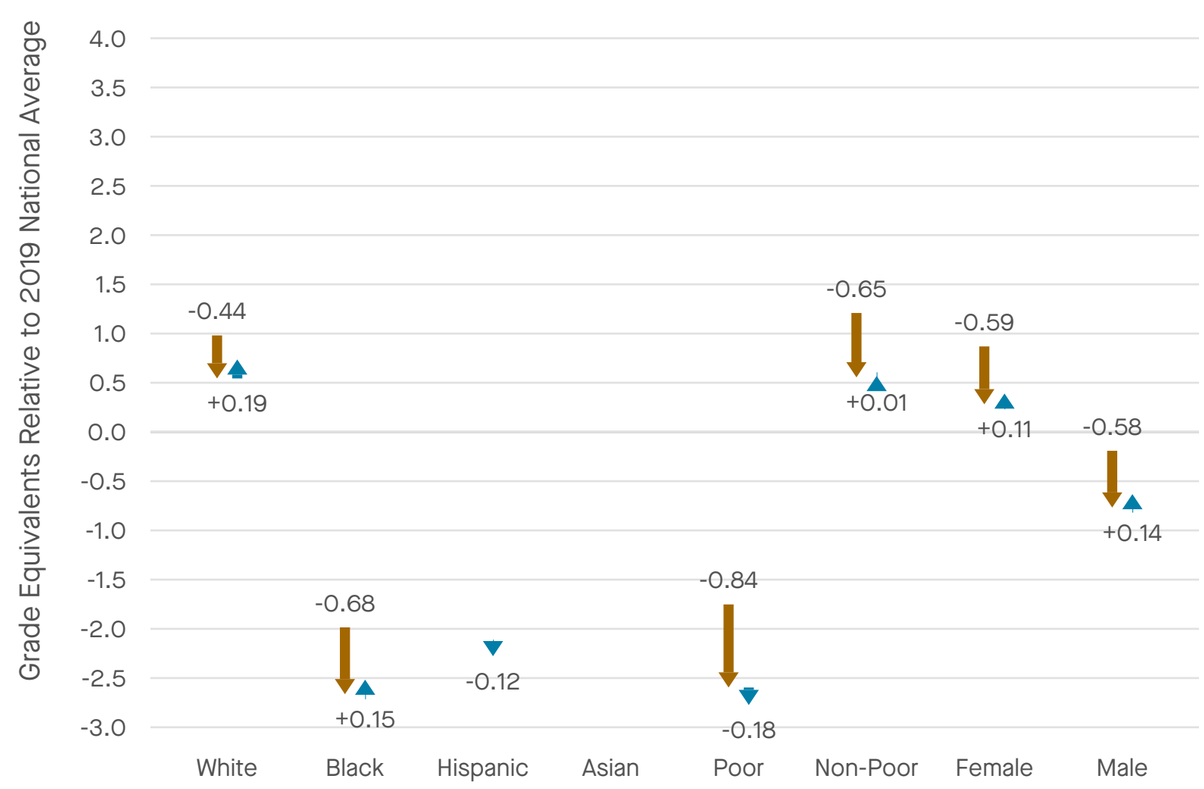


Average Math Scores and Trends in Scores

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	0.59	0.18	0.70	↓ -0.41	↑ 0.52	↑ 0.11
Black	-2.21	-2.86	-2.43	↓ -0.65	↑ 0.43	↓ -0.22
Hispanic	N/A	-2.02	-1.78	N/A	↑ 0.24	N/A
Asian	N/A	3.15	3.79	N/A	↑ 0.64	N/A
Poor	-1.94	-2.59	-2.58	↓ -0.64	↑ 0.01	↓ -0.64
Non-Poor	0.84	0.20	0.59	↓ -0.64	↑ 0.40	↓ -0.24
Female	0.05	-0.60	-0.20	↓ -0.65	↑ 0.41	↓ -0.25
Male	-0.04	-0.46	0.05	↓ -0.42	↑ 0.51	↑ 0.08

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



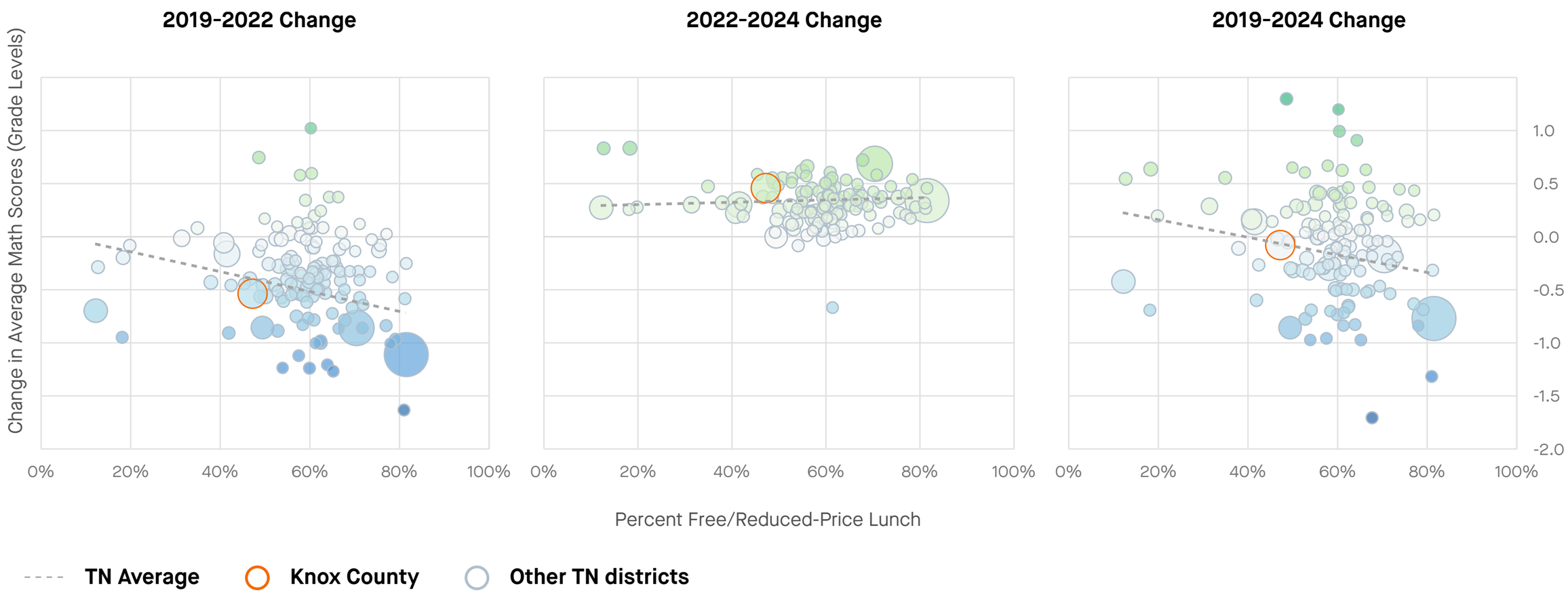
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

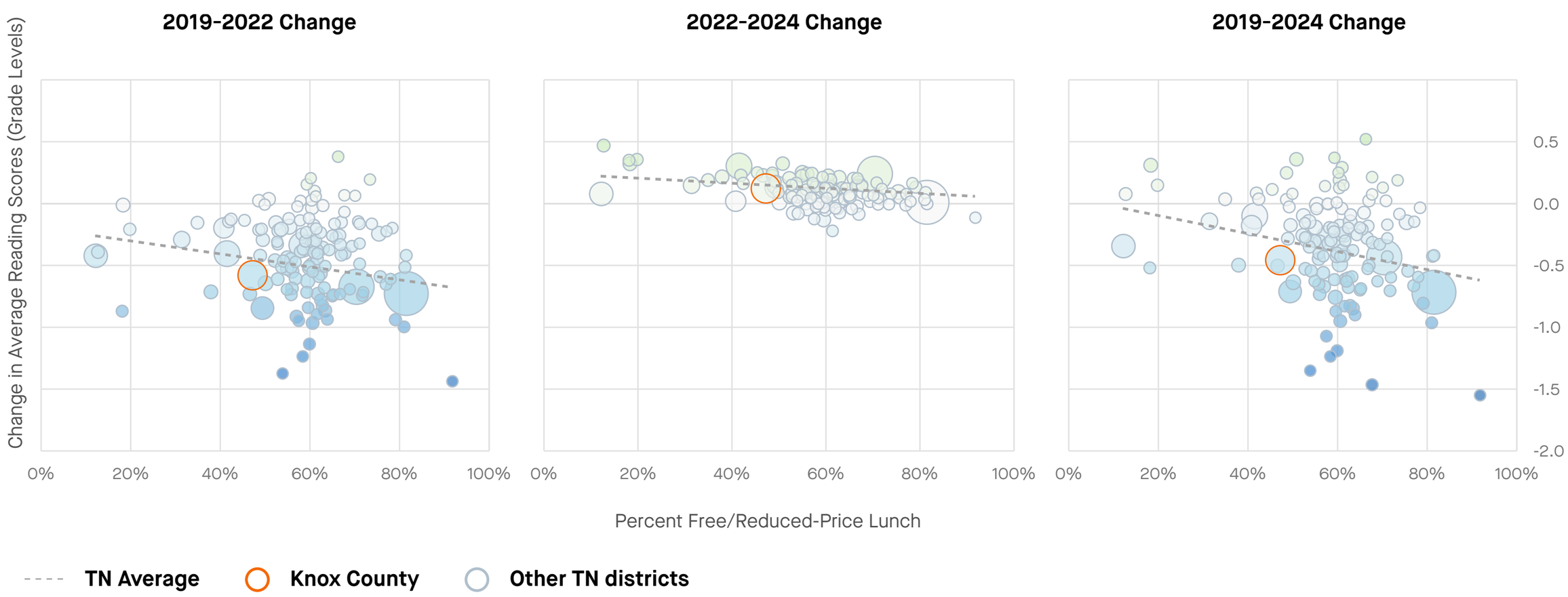
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	0.98	0.54	0.74	↓ -0.44	↑ 0.19	↓ -0.24
Black	-1.99	-2.66	-2.52	↓ -0.68	↑ 0.15	↓ -0.53
Hispanic	N/A	-2.16	-2.28	N/A	↓ -0.12	N/A
Asian	3.08	N/A	N/A	N/A	N/A	N/A
Poor	-1.75	-2.60	-2.77	↓ -0.84	↓ -0.18	↓ -1.02
Non-Poor	1.21	0.56	0.57	↓ -0.65	↑ 0.01	↓ -0.64
Female	0.87	0.28	0.39	↓ -0.59	↑ 0.11	↓ -0.48
Male	-0.19	-0.77	-0.63	↓ -0.58	↑ 0.14	↓ -0.44

Knox County, TN

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

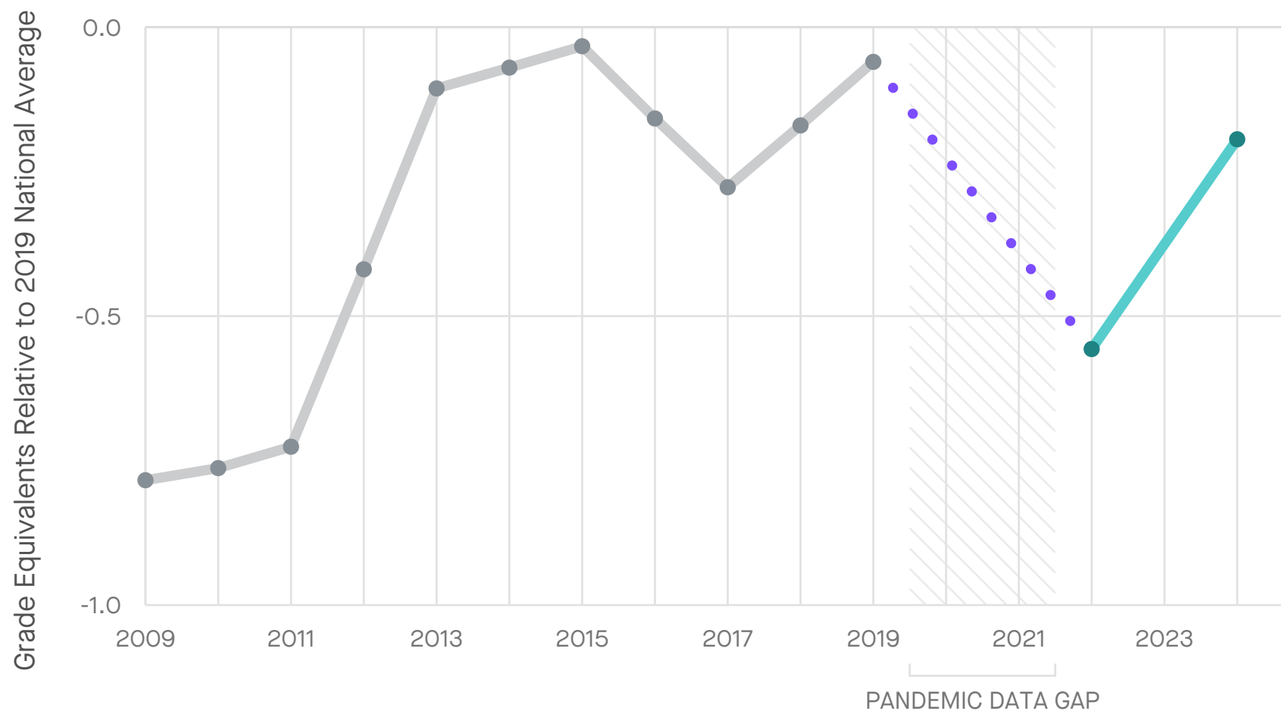


Change in Reading Performance in Tennessee Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Tennessee

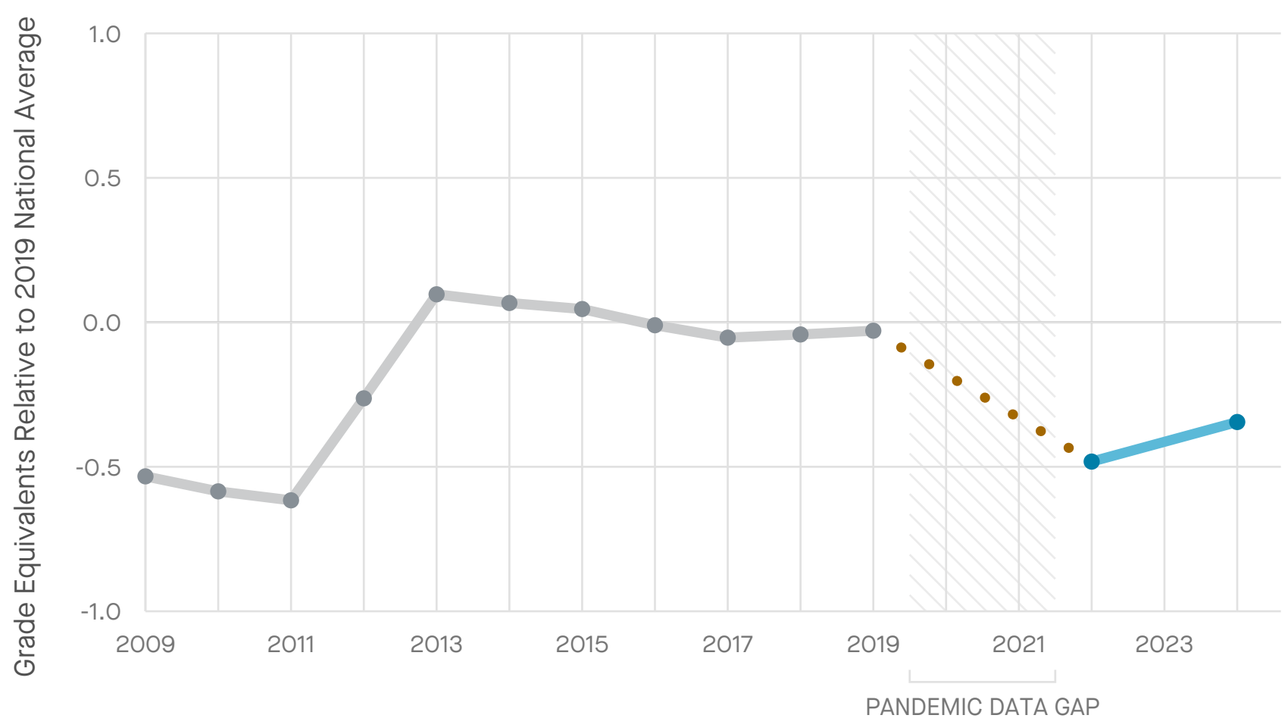
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	-0.06
2022 Average	-0.56
2024 Average	-0.19
2019-2022 Change	-0.50
2022-2024 Change	+0.36
Since 2019	-0.13

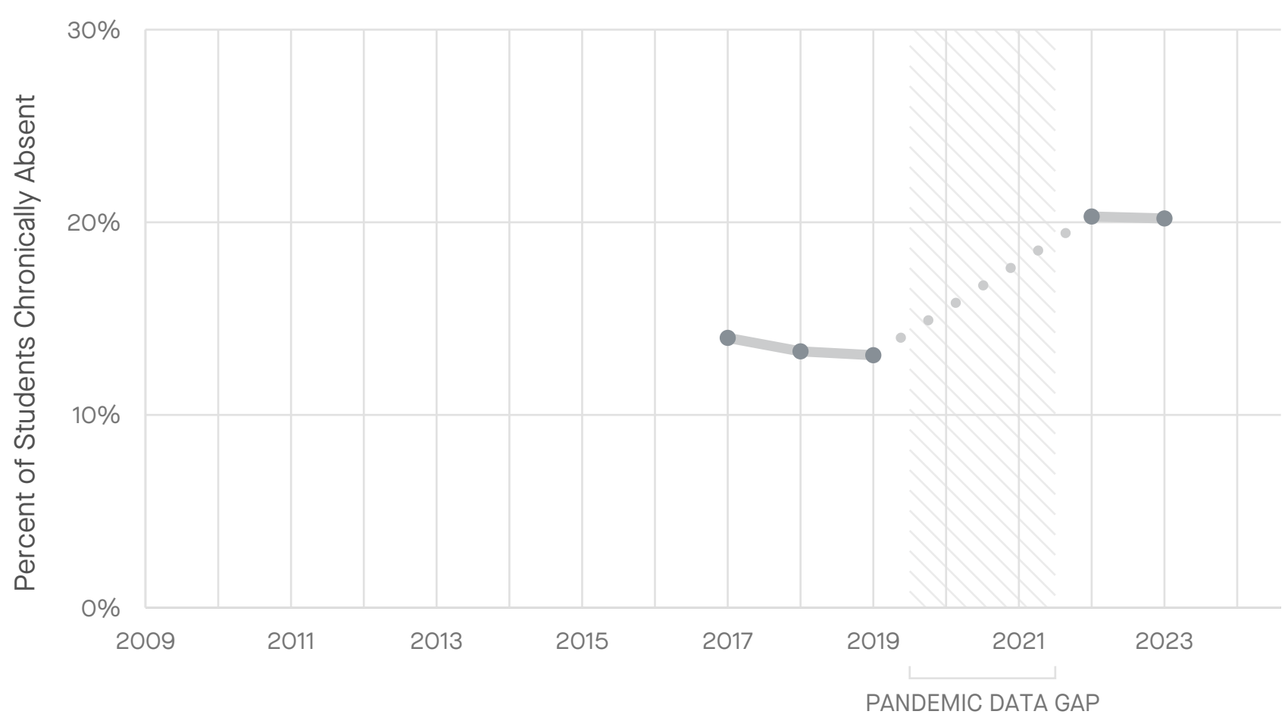
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	-0.03
2022 Average	-0.48
2024 Average	-0.34
2019-2022 Change	-0.45
2022-2024 Change	+0.14
Since 2019	-0.32

Absenteeism, Grades 3-8, 2009-2024



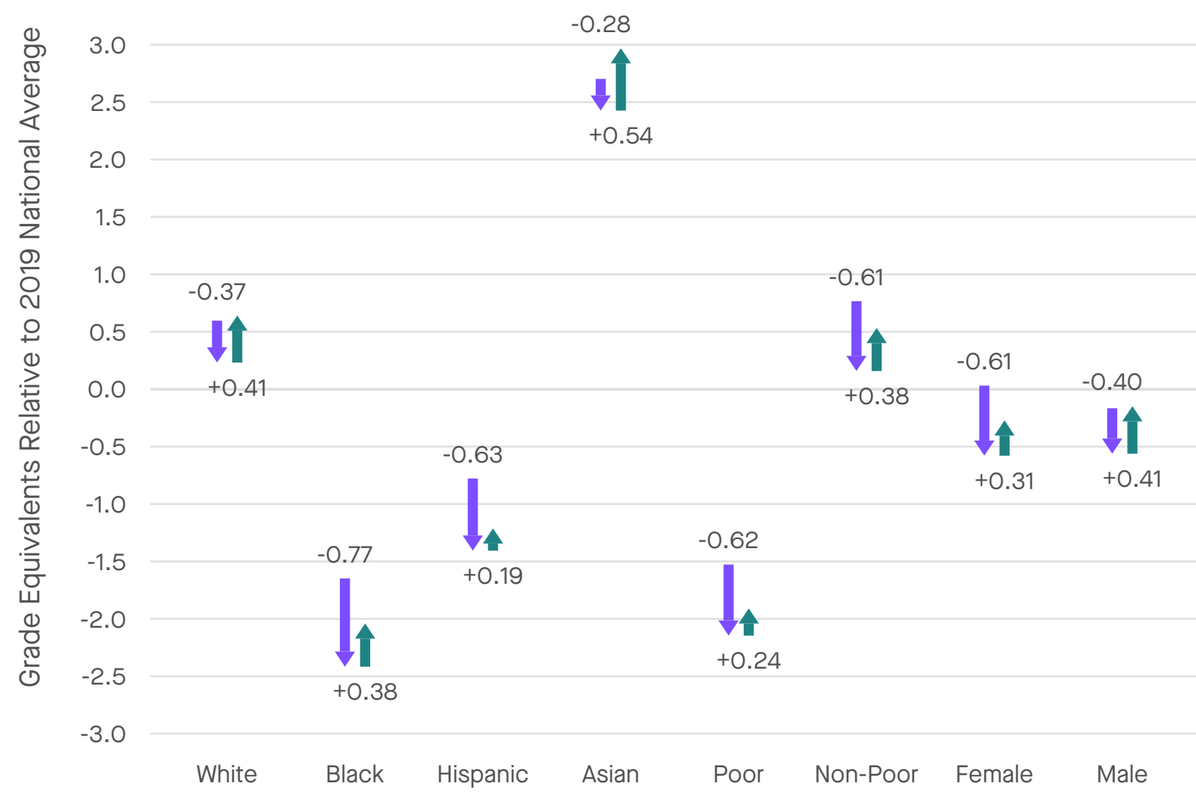
Absenteeism

2019-2023 Change	+0.07
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Tennessee

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

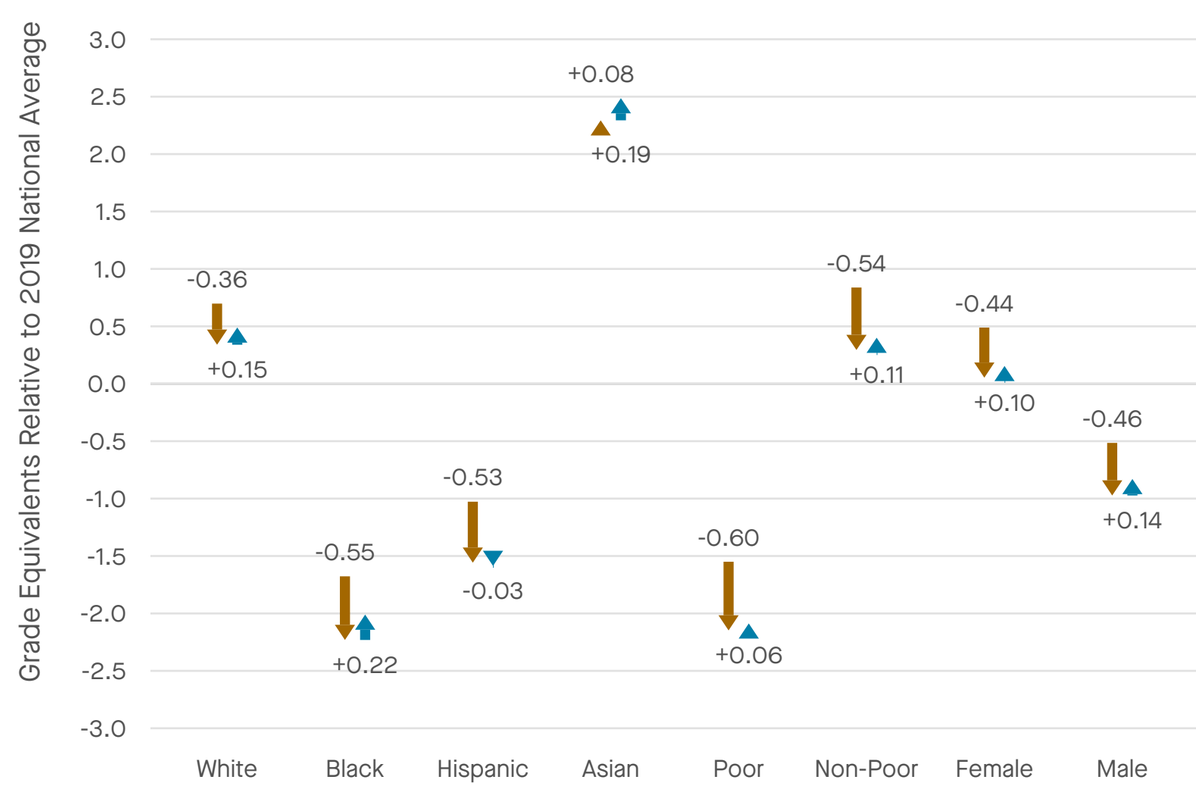


Average Math Scores and Trends in Scores

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	0.60	0.23	0.64	↓ -0.37	↑ 0.41	↑ 0.04
Black	-1.65	-2.42	-2.04	↓ -0.77	↑ 0.38	↓ -0.39
Hispanic	-0.78	-1.41	-1.21	↓ -0.63	↑ 0.19	↓ -0.43
Asian	2.70	2.43	2.97	↓ -0.28	↑ 0.54	↑ 0.27
Poor	-1.53	-2.15	-1.91	↓ -0.62	↑ 0.24	↓ -0.38
Non-Poor	0.77	0.16	0.53	↓ -0.61	↑ 0.38	↓ -0.23
Female	0.03	-0.58	-0.27	↓ -0.61	↑ 0.31	↓ -0.30
Male	-0.17	-0.56	-0.15	↓ -0.40	↑ 0.41	↑ 0.02

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

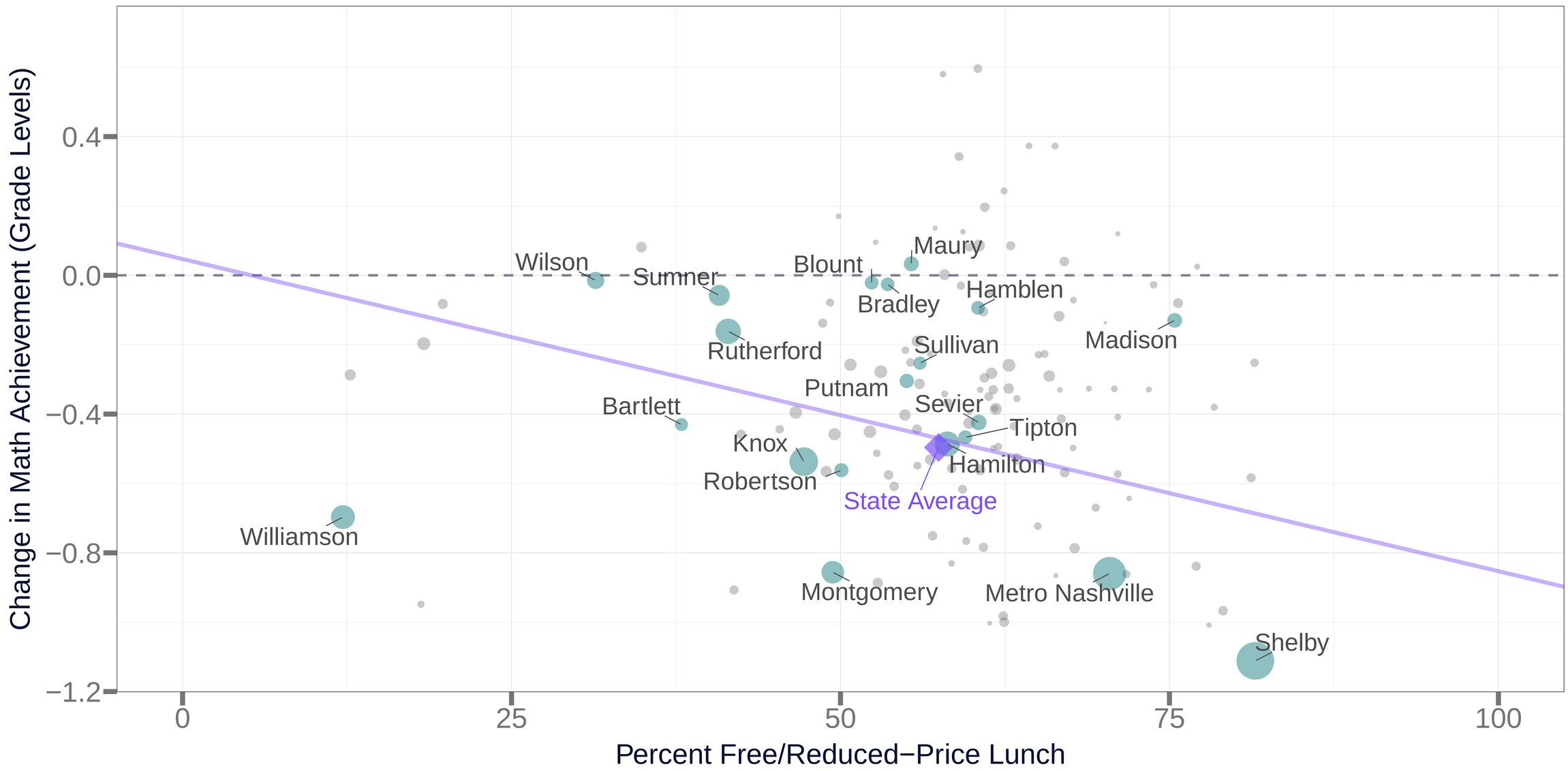


Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

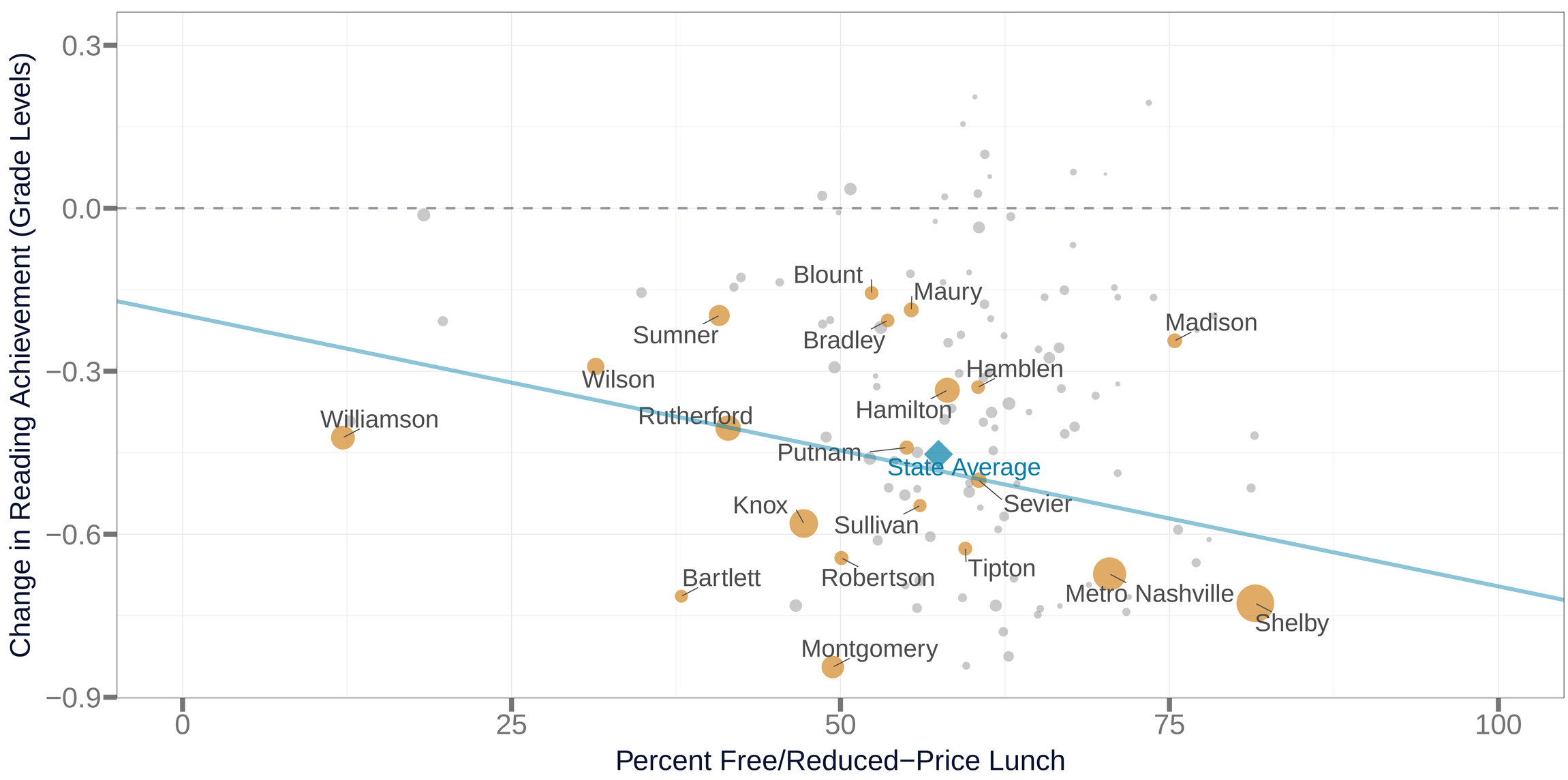
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	0.70	0.34	0.49	↓ -0.36	↑ 0.15	↓ -0.21
Black	-1.68	-2.23	-2.01	↓ -0.55	↑ 0.22	↓ -0.33
Hispanic	-1.03	-1.56	-1.59	↓ -0.53	↓ -0.03	↓ -0.56
Asian	2.21	2.29	2.49	↑ 0.08	↑ 0.19	↑ 0.27
Poor	-1.55	-2.15	-2.09	↓ -0.60	↑ 0.06	↓ -0.54
Non-Poor	0.84	0.29	0.40	↓ -0.54	↑ 0.11	↓ -0.44
Female	0.49	0.05	0.15	↓ -0.44	↑ 0.10	↓ -0.33
Male	-0.52	-0.97	-0.83	↓ -0.46	↑ 0.14	↓ -0.31

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



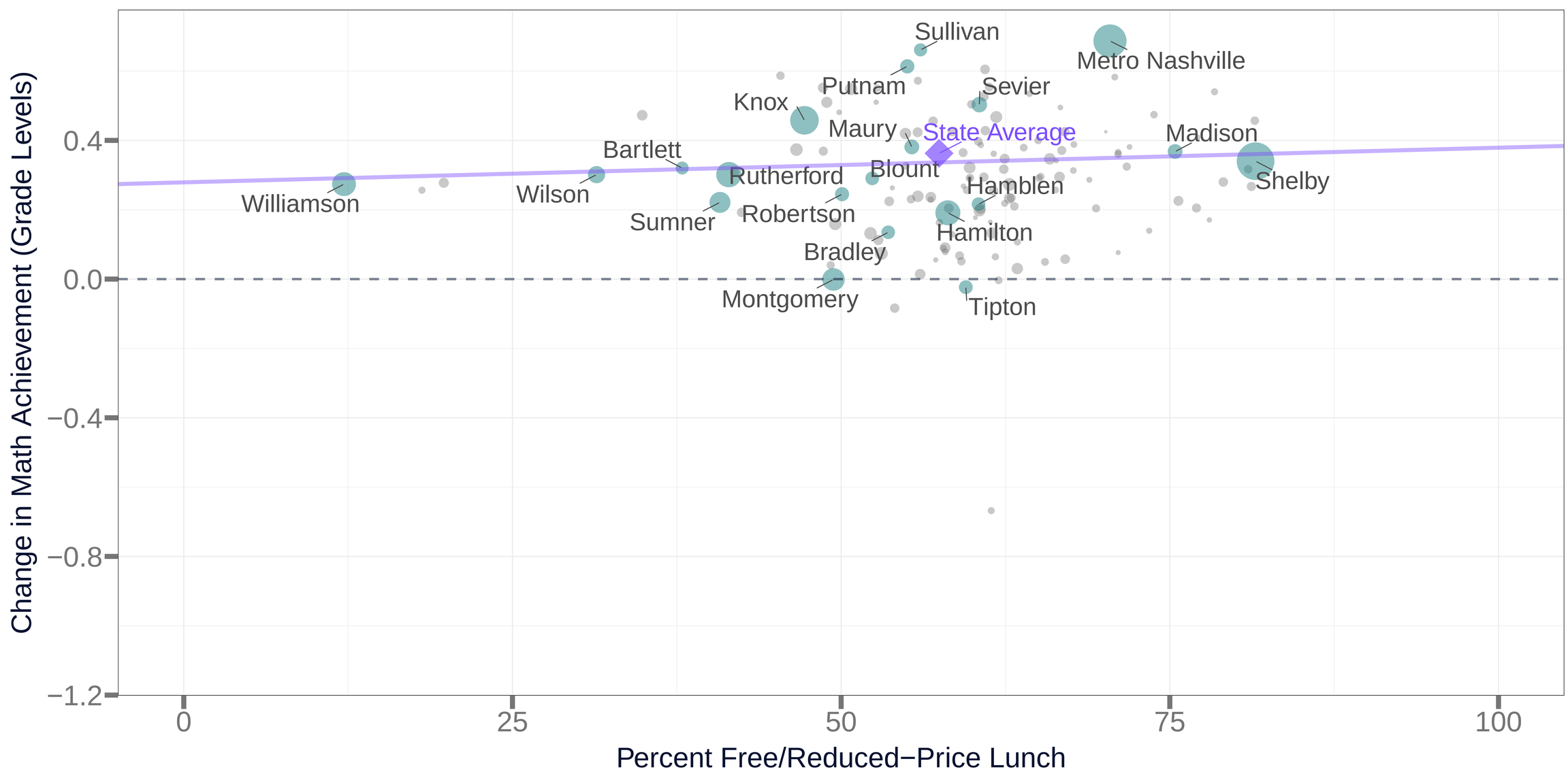
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



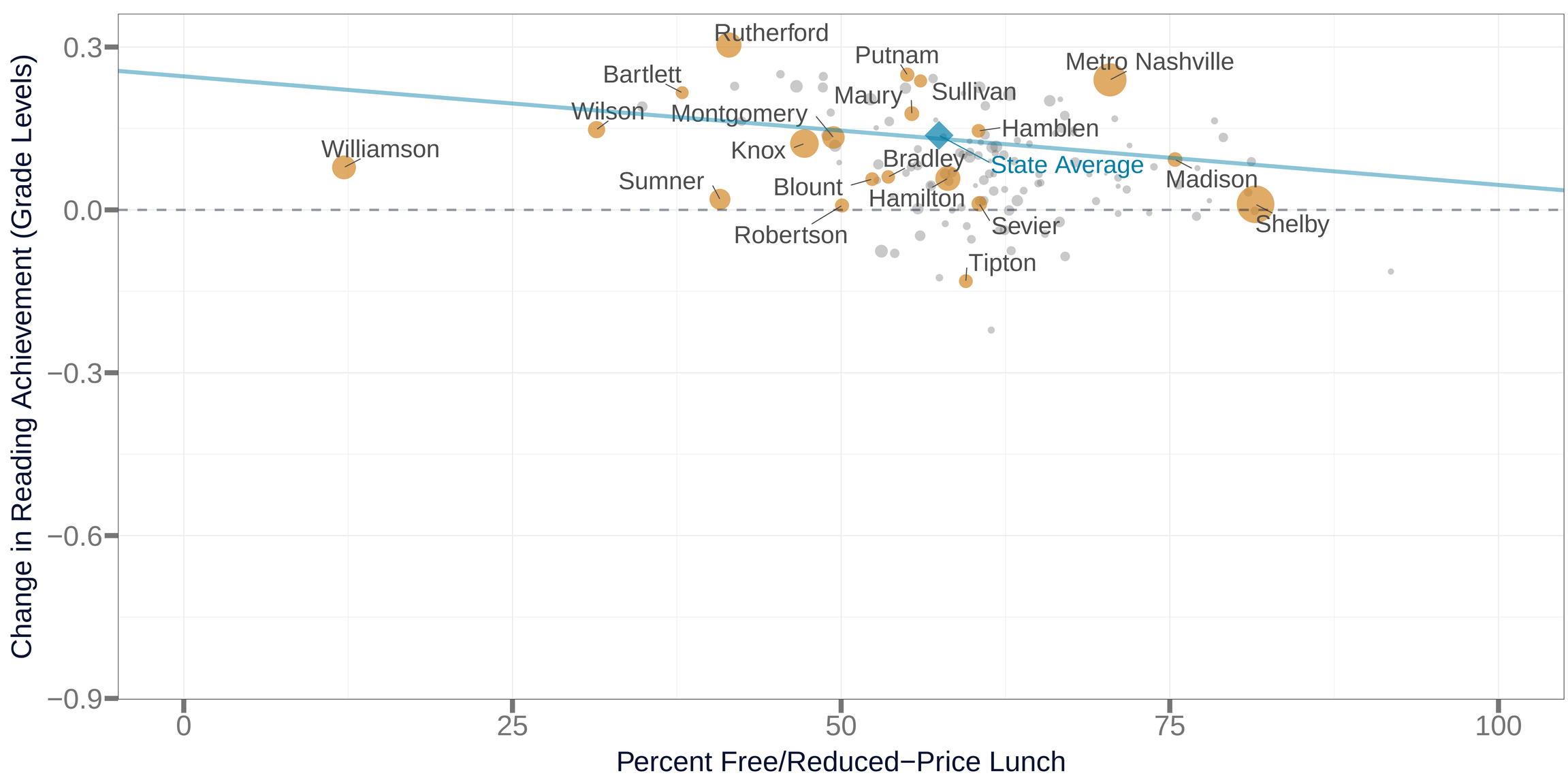
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



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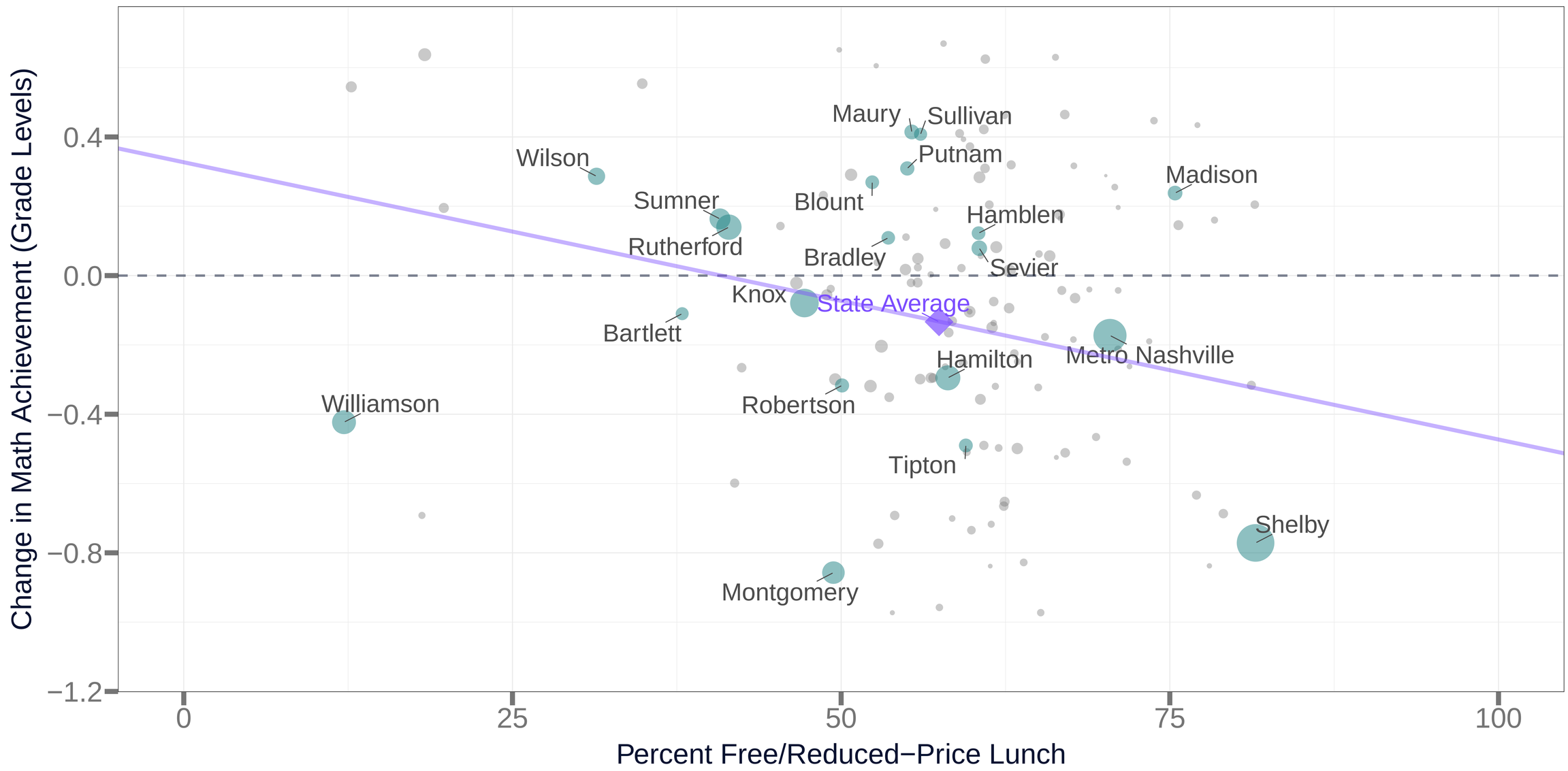
Change in Math Achievement 2019−2024
by Percent FRPL in Tennessee Districts



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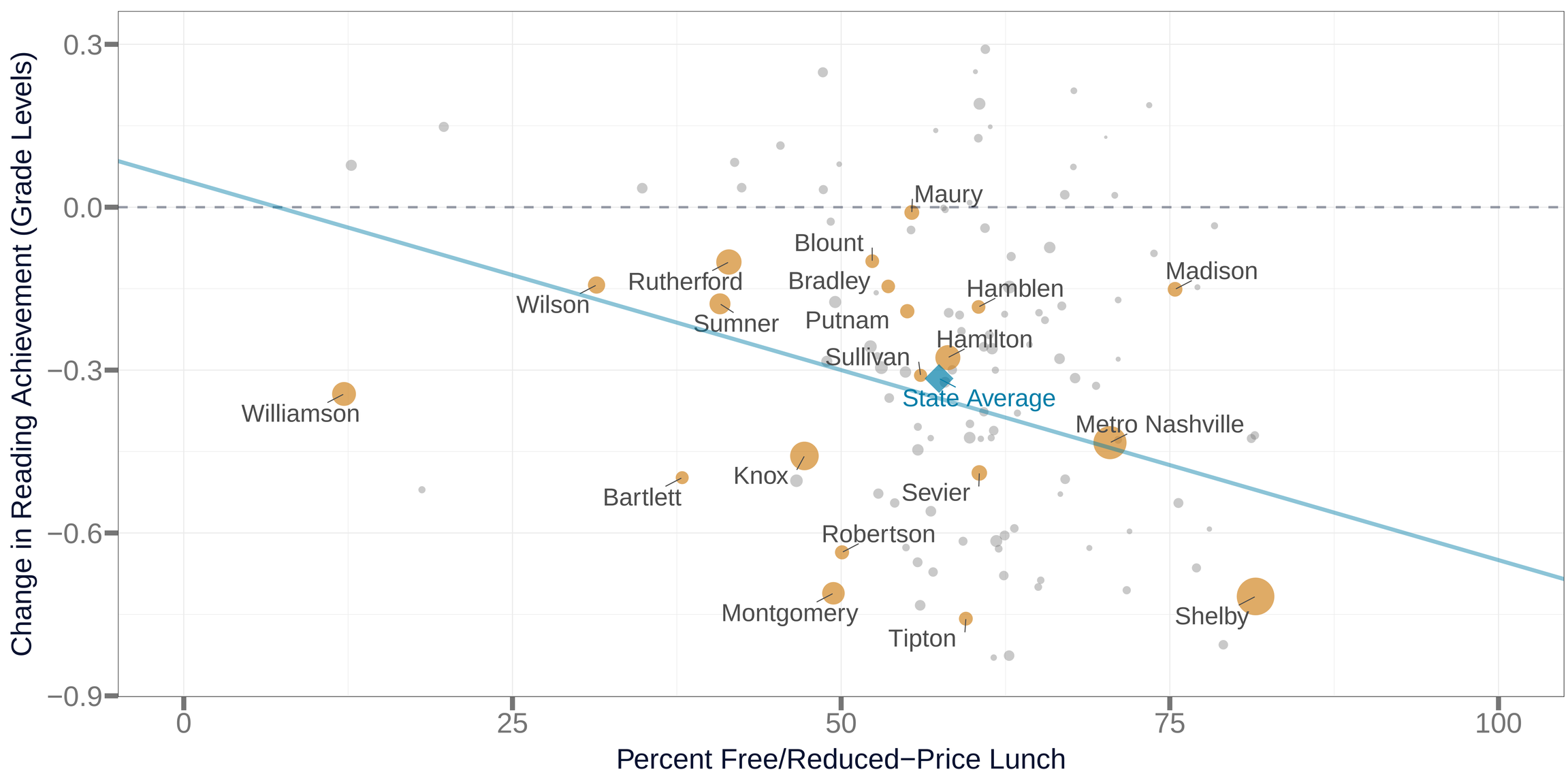
Change in Reading Achievement 2019−2024
by Percent FRPL in Tennessee Districts



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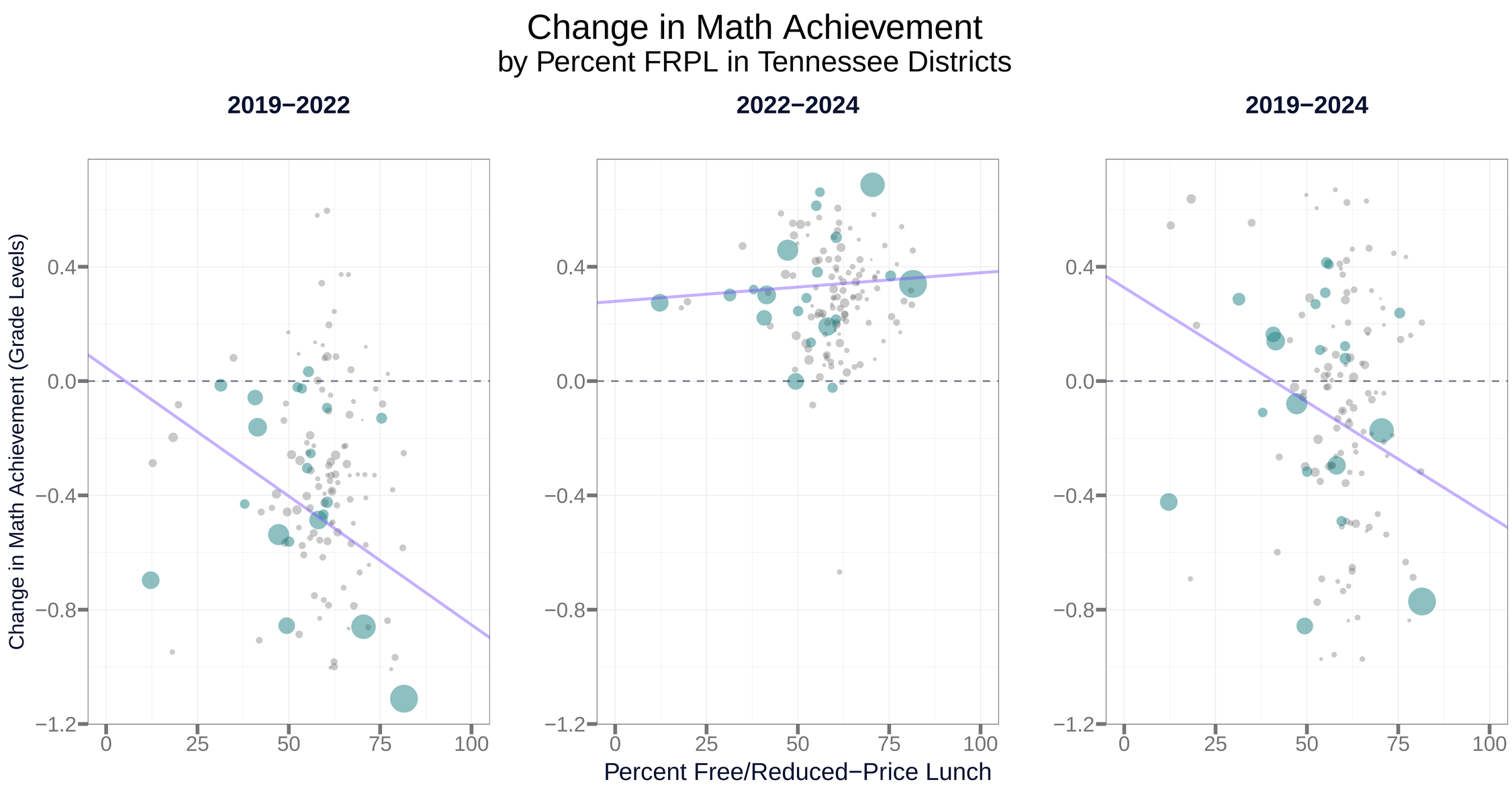

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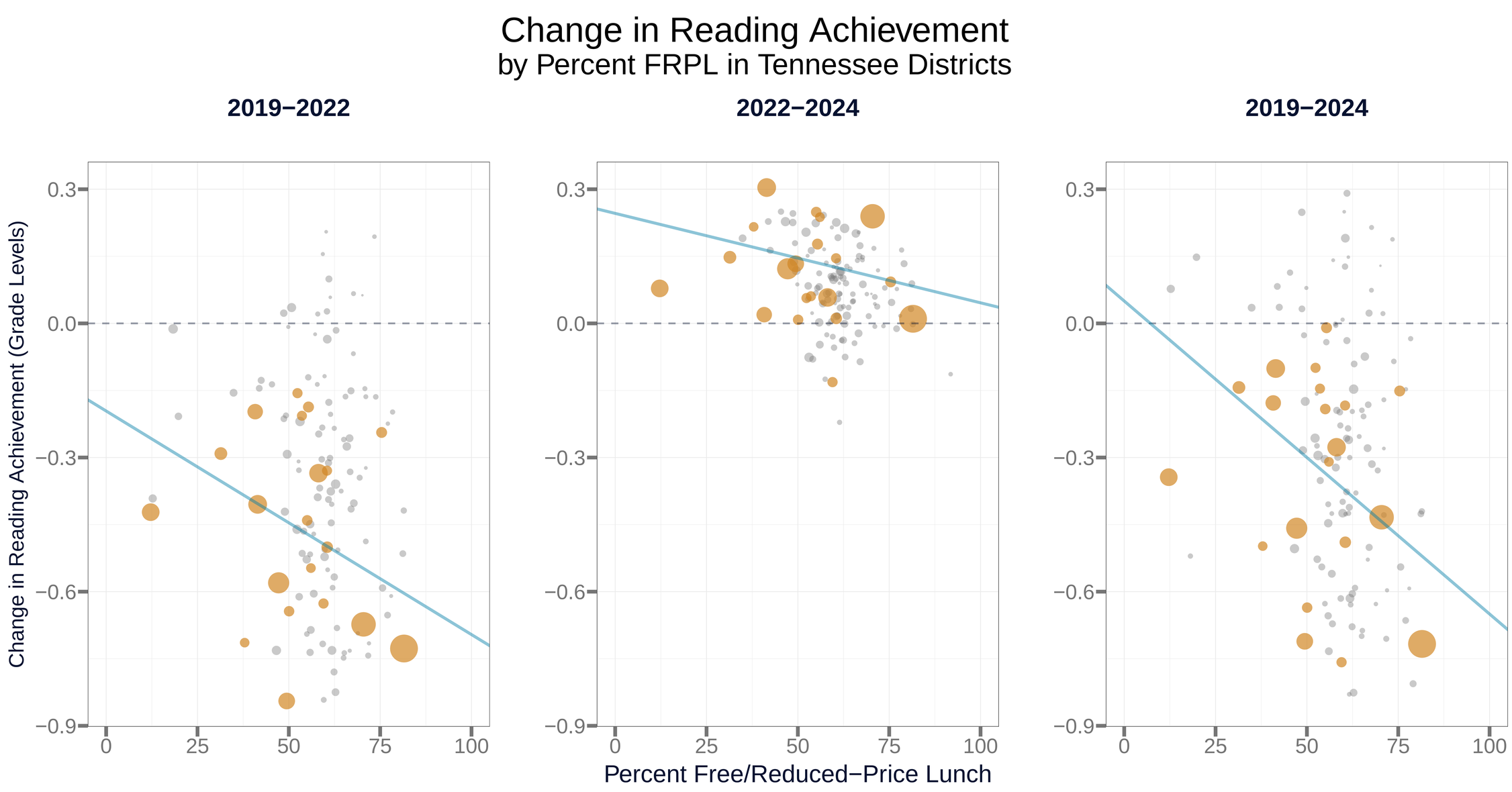

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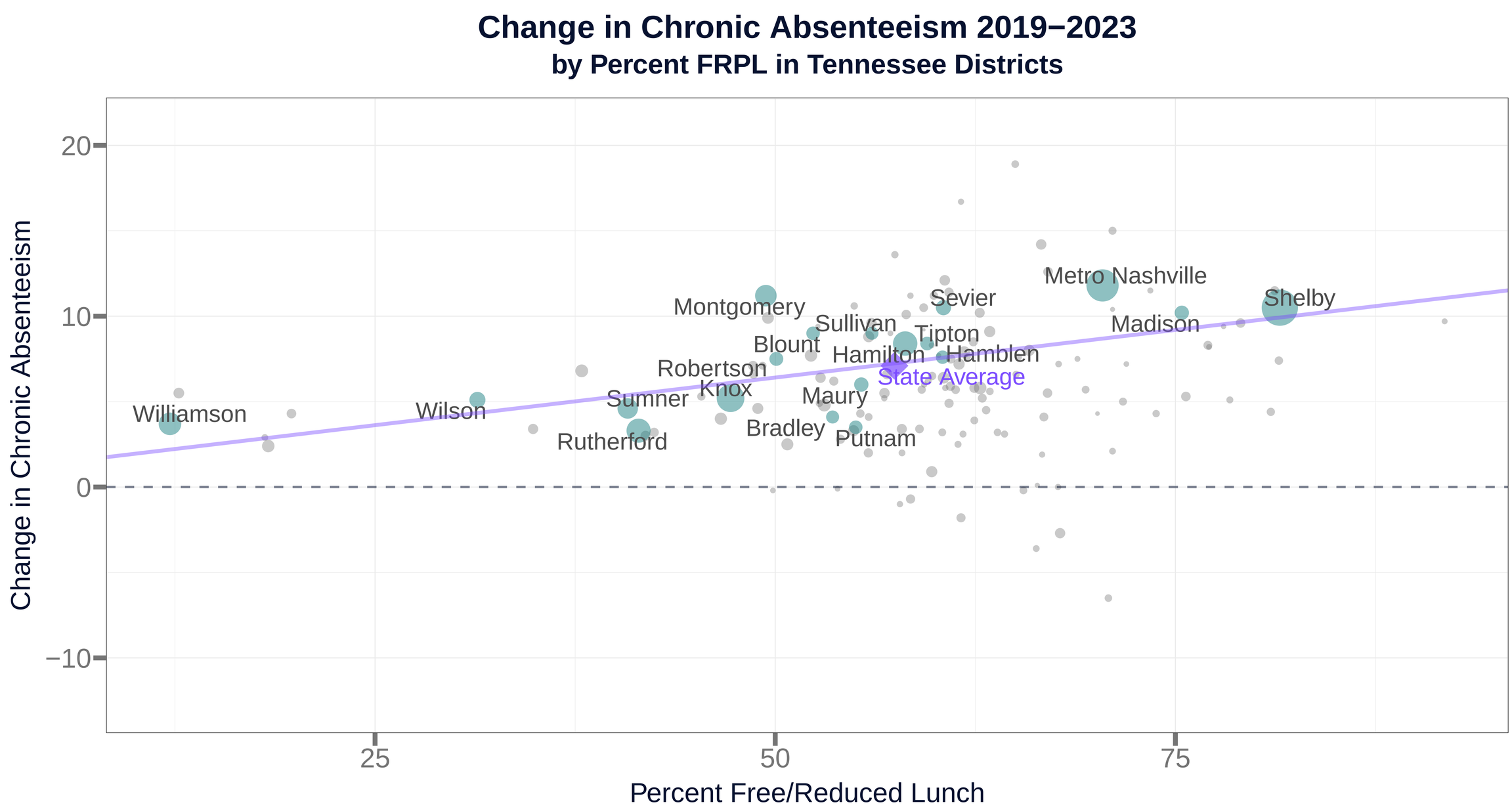

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