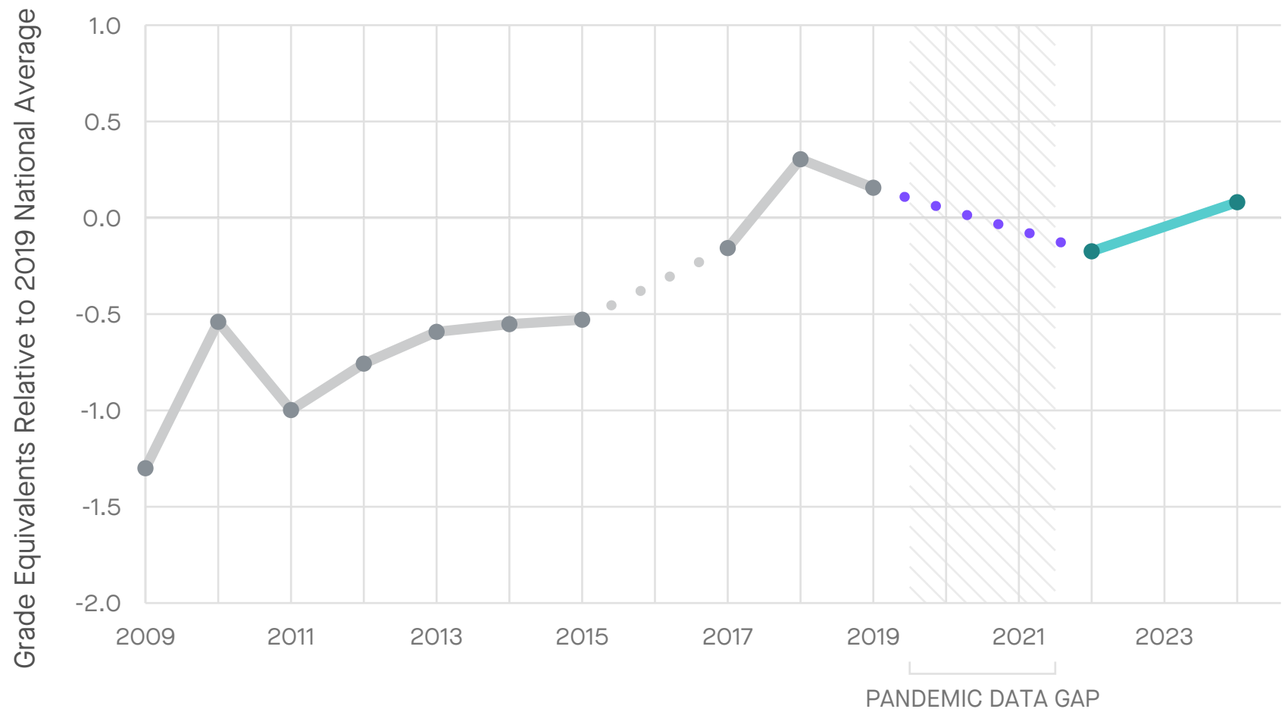
Macon County, TN

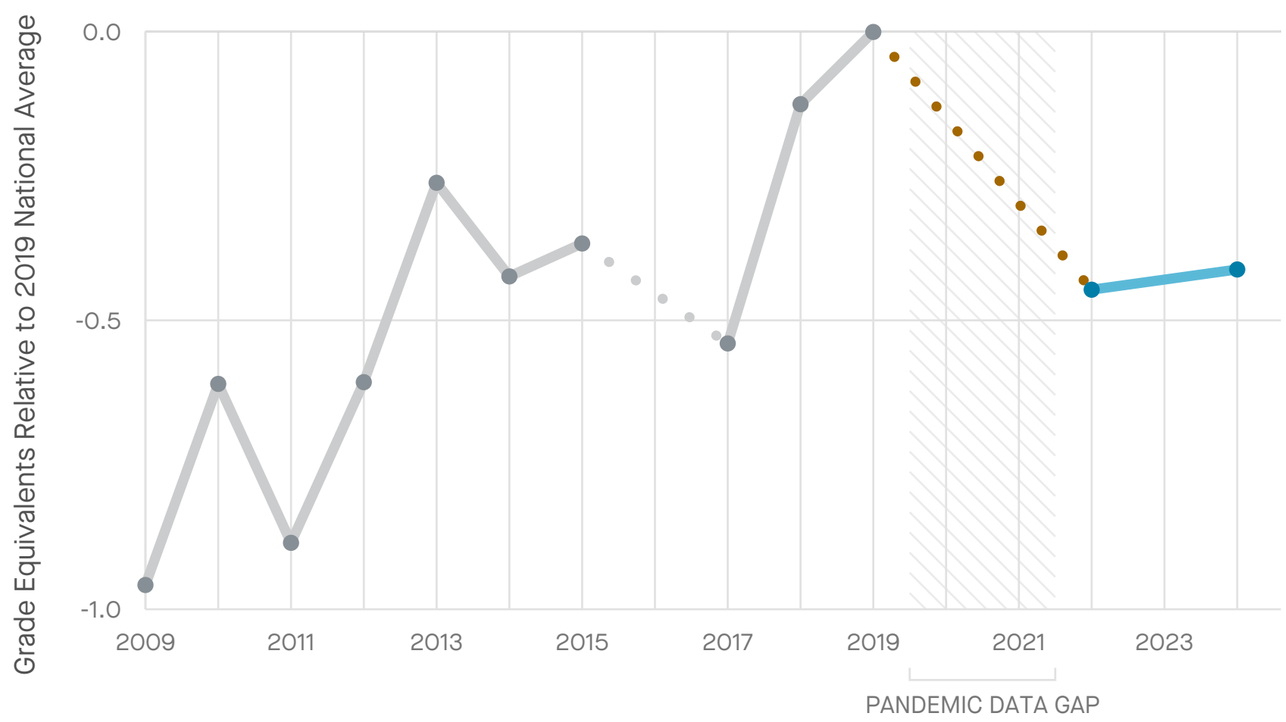
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	0.16
2022 Average	-0.17
2024 Average	0.08
2019-2022 Change	-0.33
2022-2024 Change	+0.26
Since 2019	-0.07

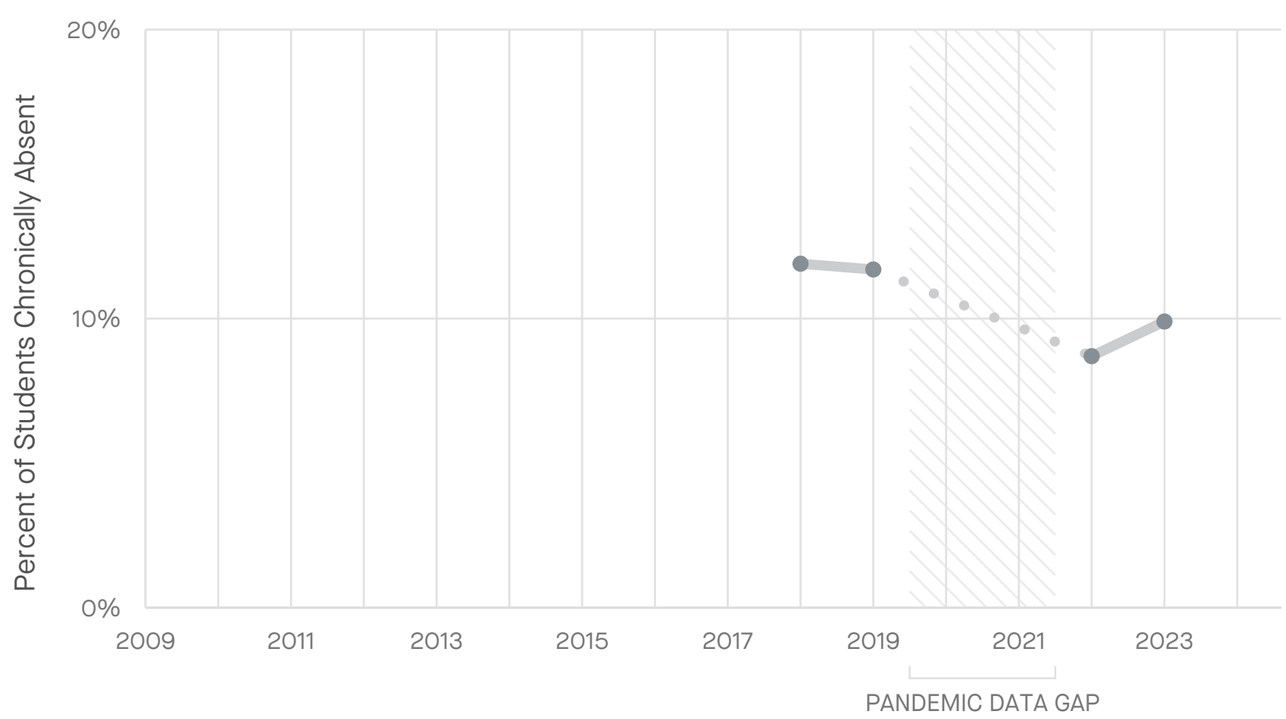
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	-0.00
2022 Average	-0.45
2024 Average	-0.41
2019-2022 Change	-0.45
2022-2024 Change	+0.04
Since 2019	-0.41

Absenteeism, Grades 3-8, 2009-2024



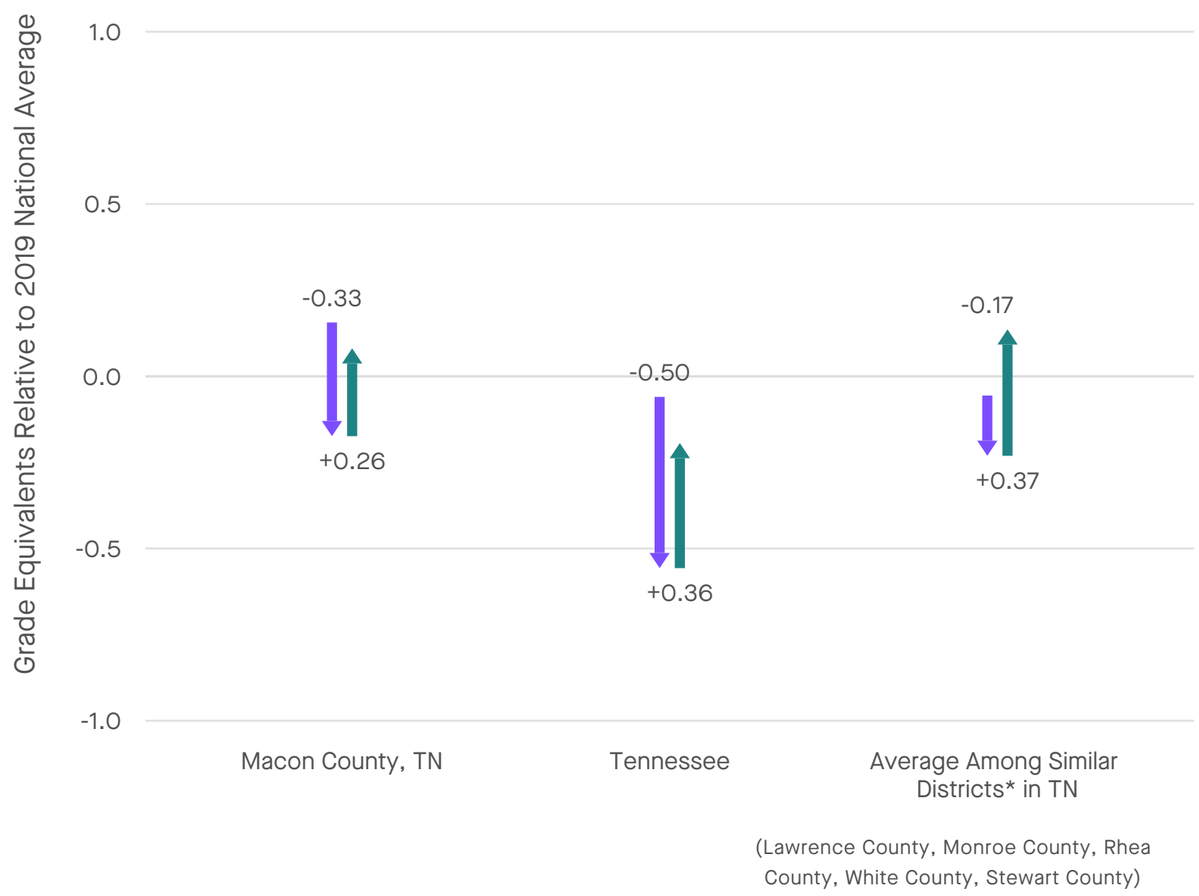
Absenteeism

2019-2023 Change	-0.02
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Macon County, TN

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



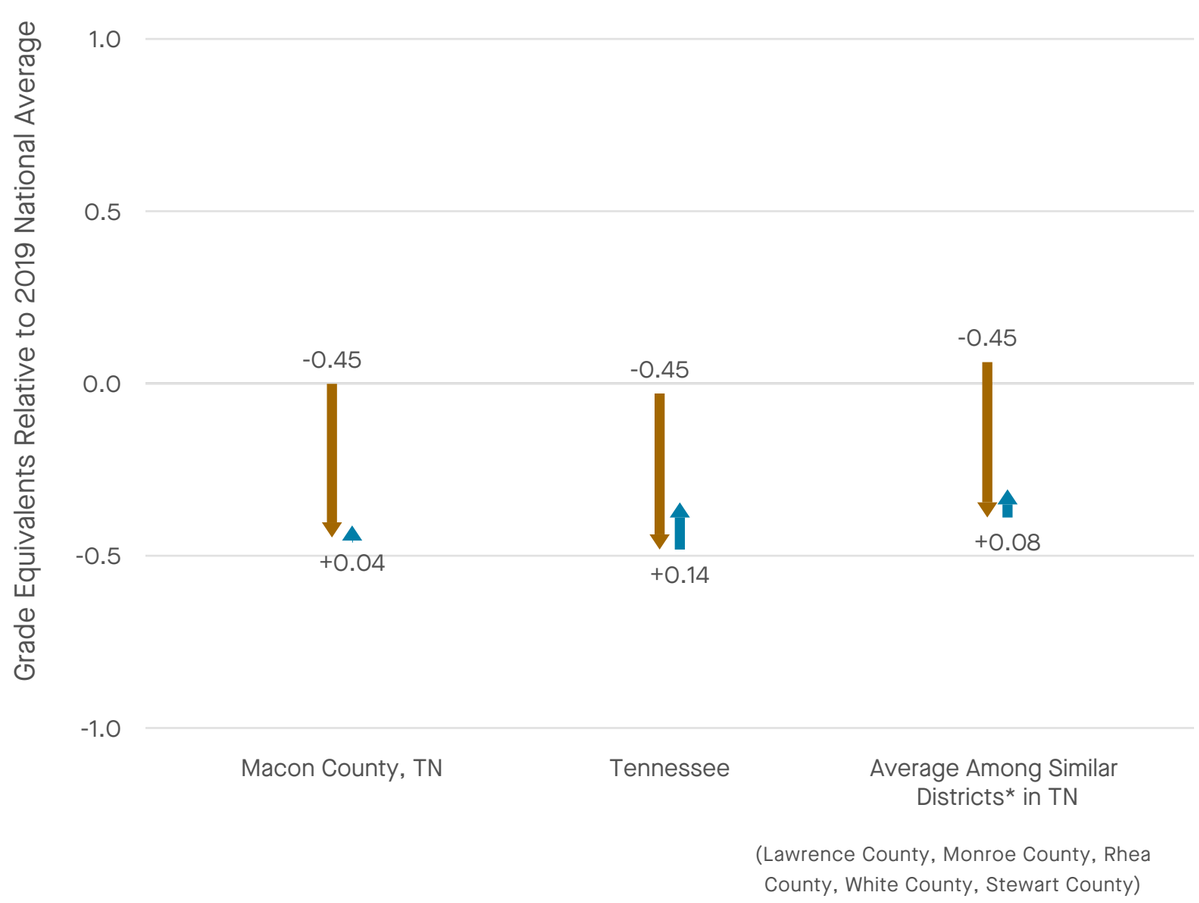
Average Math Scores and Trends in Scores

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
Macon County, TN	0.16	-0.17	0.08	↓ -0.33	↑ 0.26	↓ -0.07
Tennessee	-0.06	-0.56	-0.19	↓ -0.50	↑ 0.36	↓ -0.13
Similar Districts* in Tennessee	-0.06	-0.23	0.14	↓ -0.17	↑ 0.37	↑ 0.19

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

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



Average Reading Scores and Trends in Scores

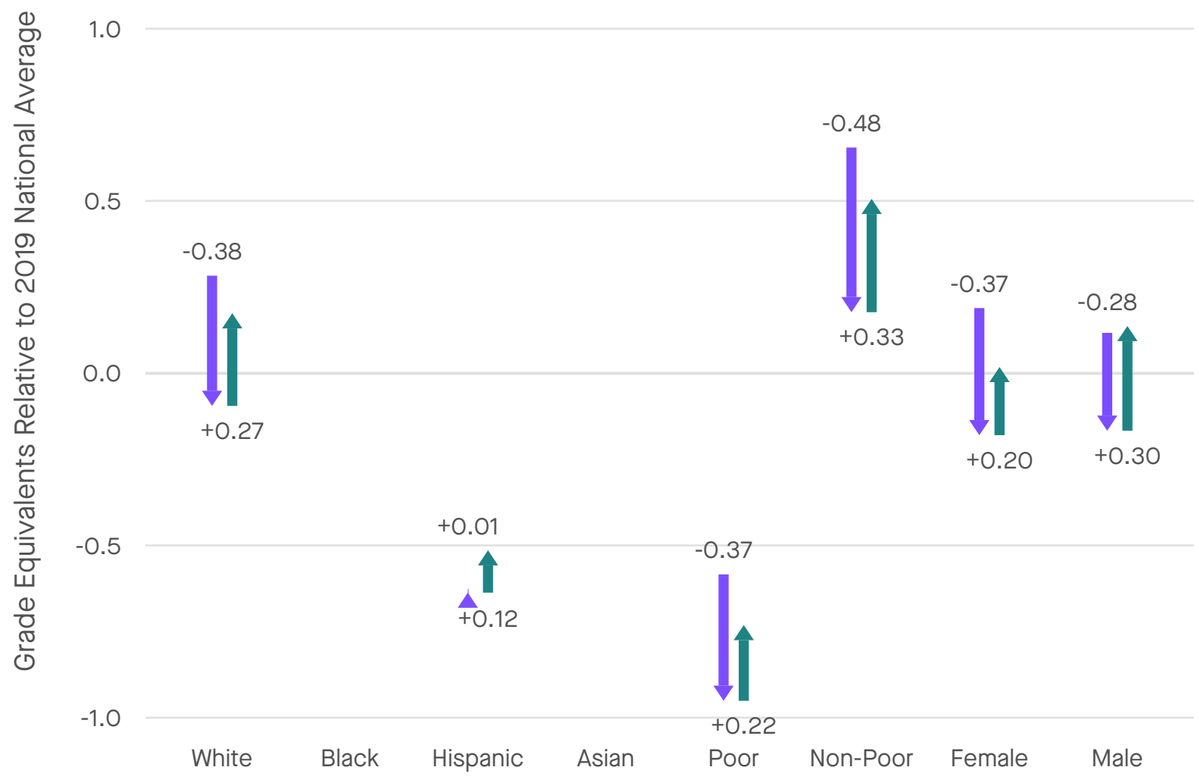
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Macon County, TN	-0.00	-0.45	-0.41	↓ -0.45	↑ 0.04	↓ -0.41
Tennessee	-0.03	-0.48	-0.34	↓ -0.45	↑ 0.14	↓ -0.32
Similar Districts* in Tennessee	0.06	-0.39	-0.31	↓ -0.45	↑ 0.08	↓ -0.37

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

Macon County, TN

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

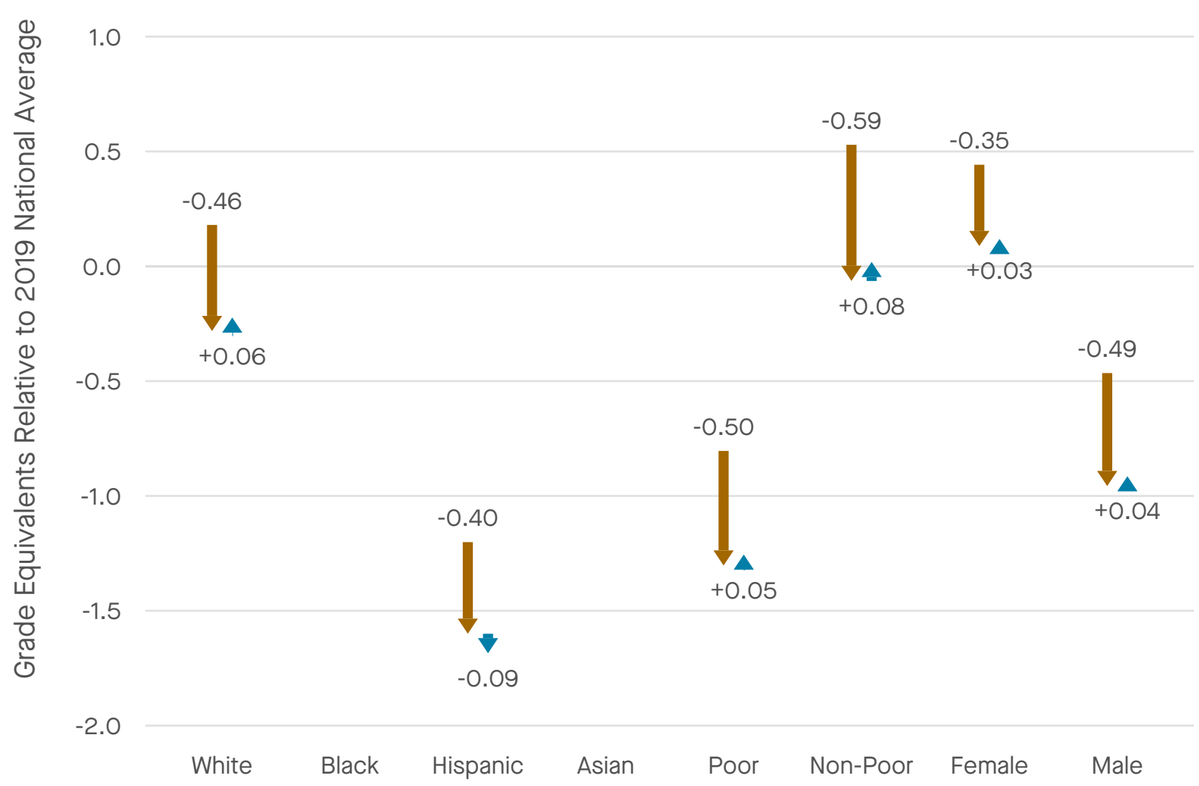


Average Math Scores and Trends in Scores

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	0.28	-0.10	0.17	↓ -0.38	↑ 0.27	↓ -0.11
Black	-0.58	N/A	N/A	N/A	N/A	N/A
Hispanic	-0.64	-0.64	-0.51	↑ 0.01	↑ 0.12	↑ 0.13
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-0.58	-0.95	-0.73	↓ -0.37	↑ 0.22	↓ -0.15
Non-Poor	0.66	0.18	0.51	↓ -0.48	↑ 0.33	↓ -0.15
Female	0.19	-0.18	0.02	↓ -0.37	↑ 0.20	↓ -0.17
Male	0.12	-0.17	0.14	↓ -0.28	↑ 0.30	↑ 0.02

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



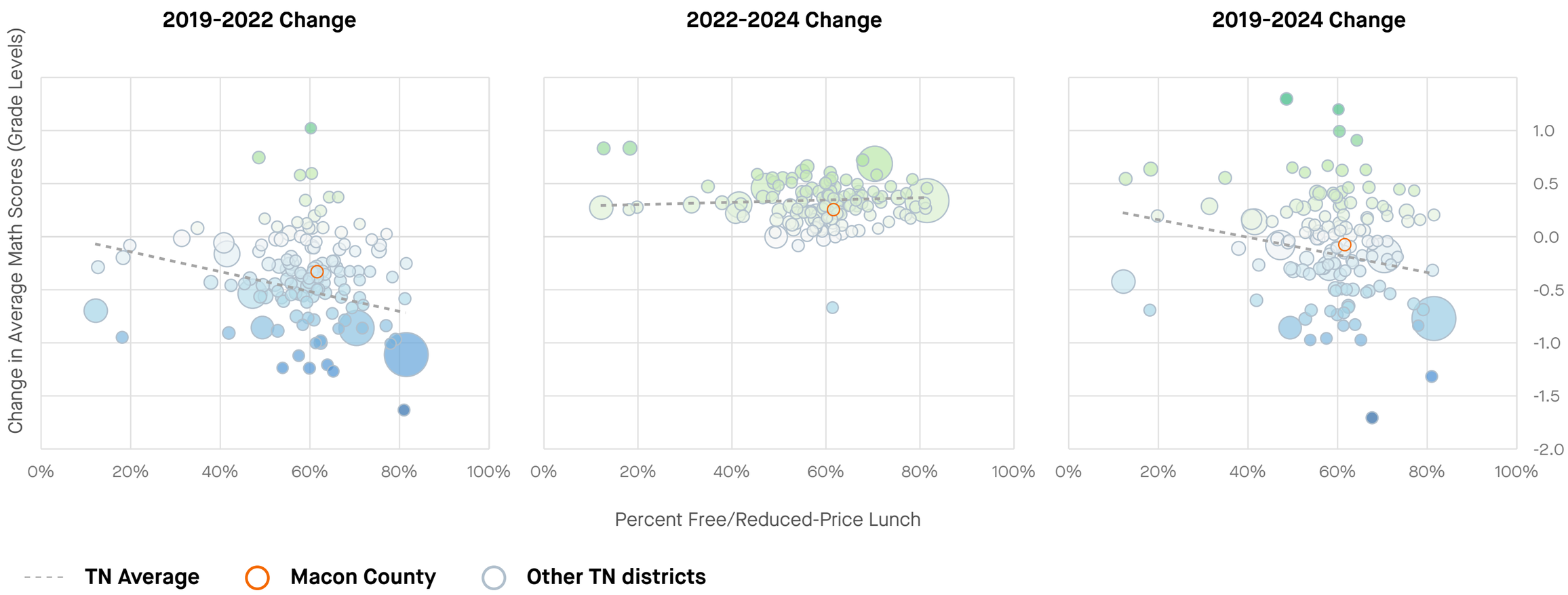
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

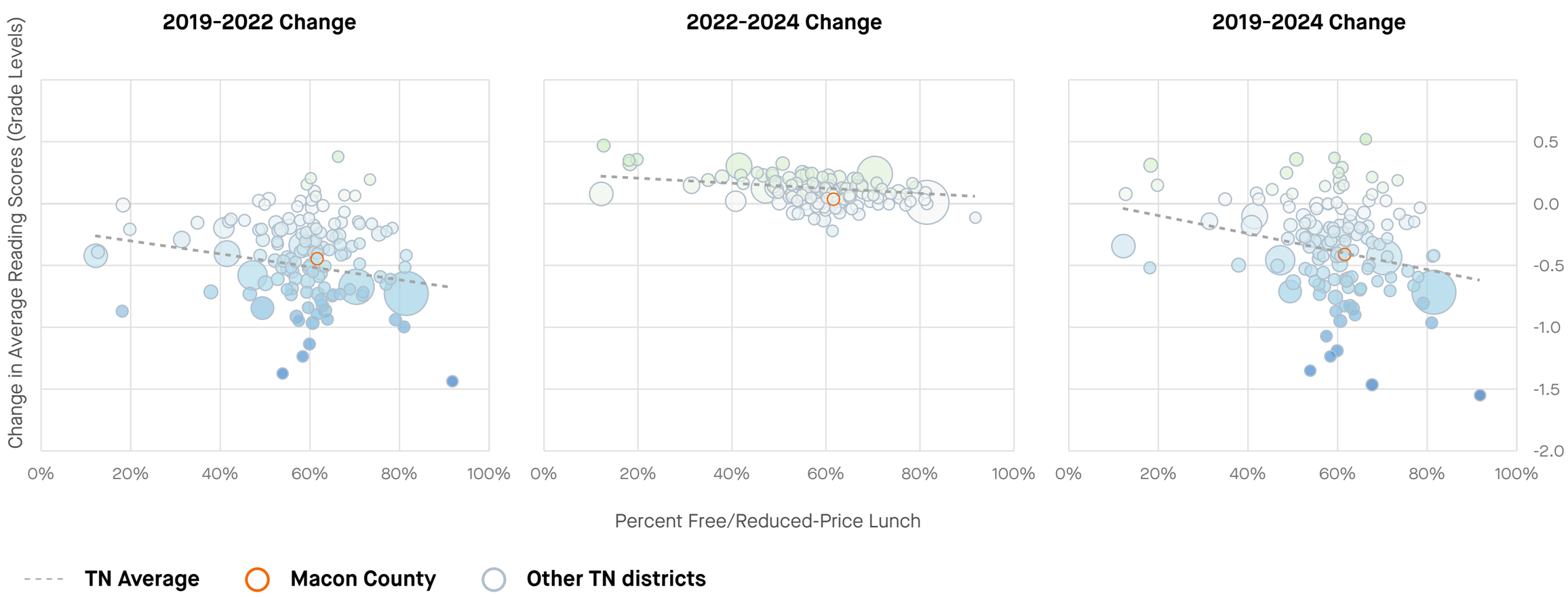
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	0.18	-0.28	-0.22	↓ -0.46	↑ 0.06	↓ -0.40
Black	-0.48	N/A	N/A	N/A	N/A	N/A
Hispanic	-1.20	-1.60	-1.69	↓ -0.40	↓ -0.09	↓ -0.48
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-0.80	-1.30	-1.25	↓ -0.50	↑ 0.05	↓ -0.45
Non-Poor	0.53	-0.06	0.02	↓ -0.59	↑ 0.08	↓ -0.51
Female	0.44	0.09	0.12	↓ -0.35	↑ 0.03	↓ -0.32
Male	-0.47	-0.96	-0.91	↓ -0.49	↑ 0.04	↓ -0.45

Macon County, TN

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

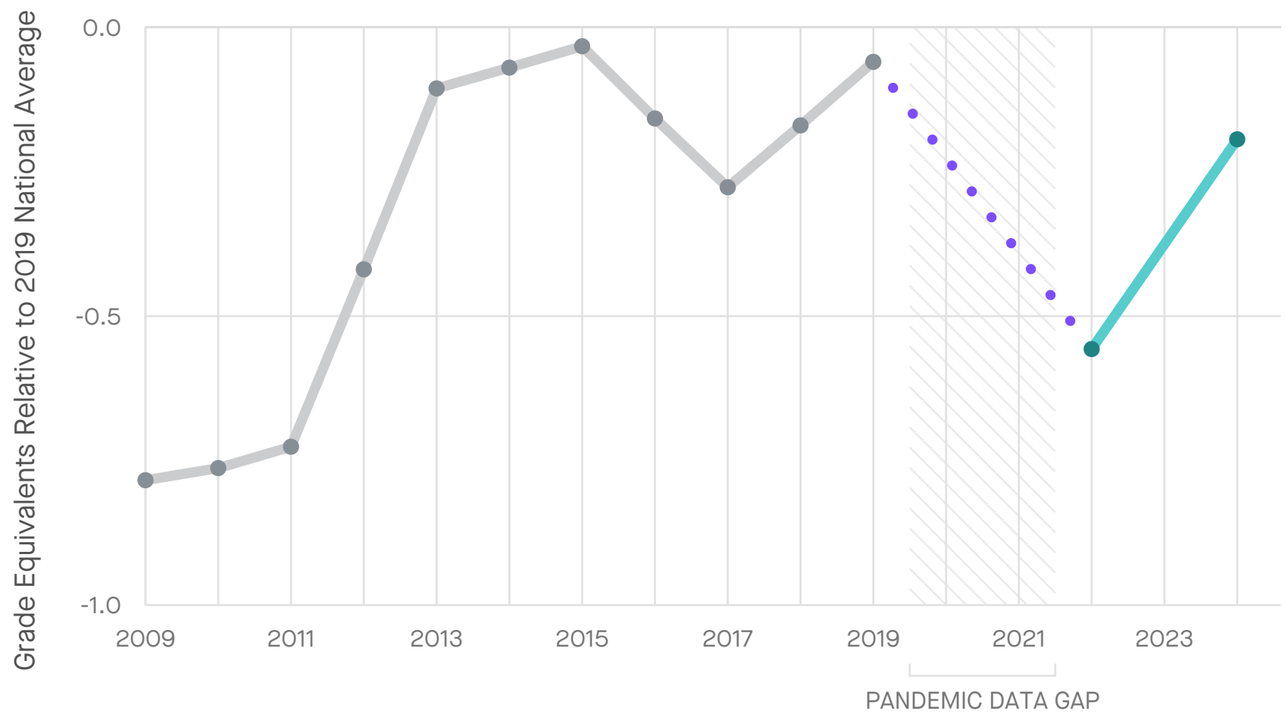


Change in Reading Performance in Tennessee Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Tennessee

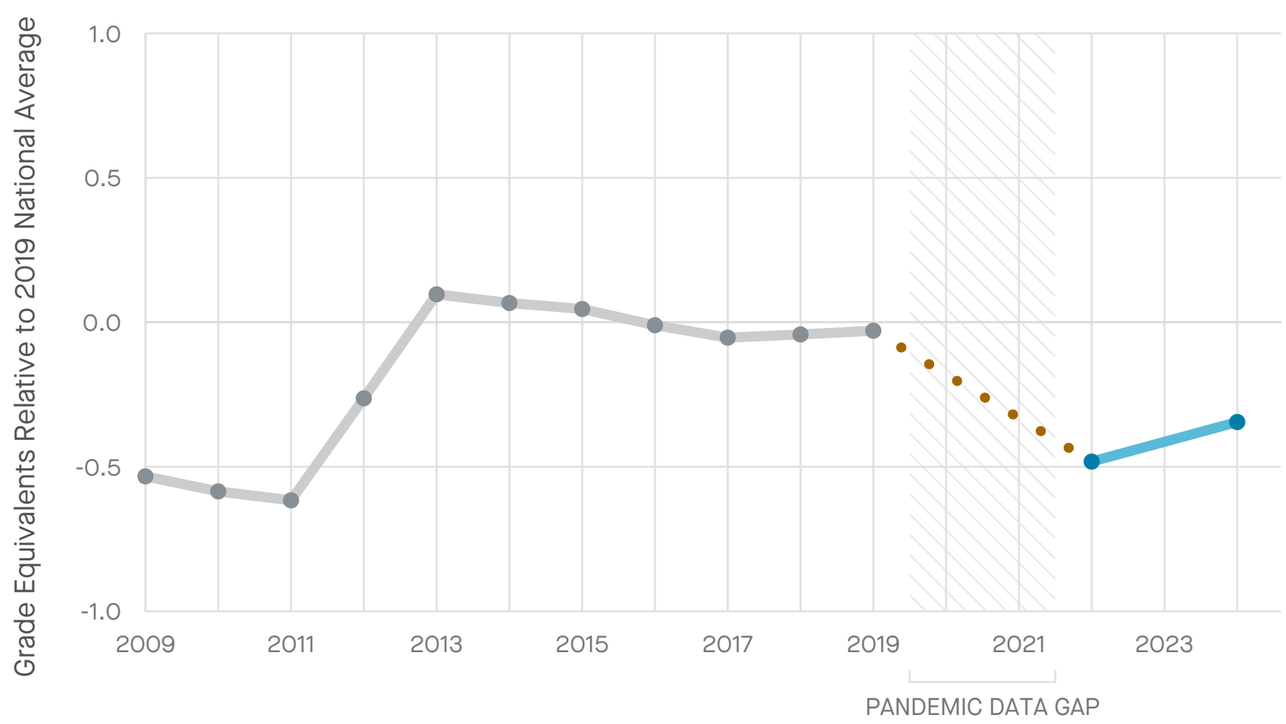
Math Performance, Grades 3-8, 2009-2024



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

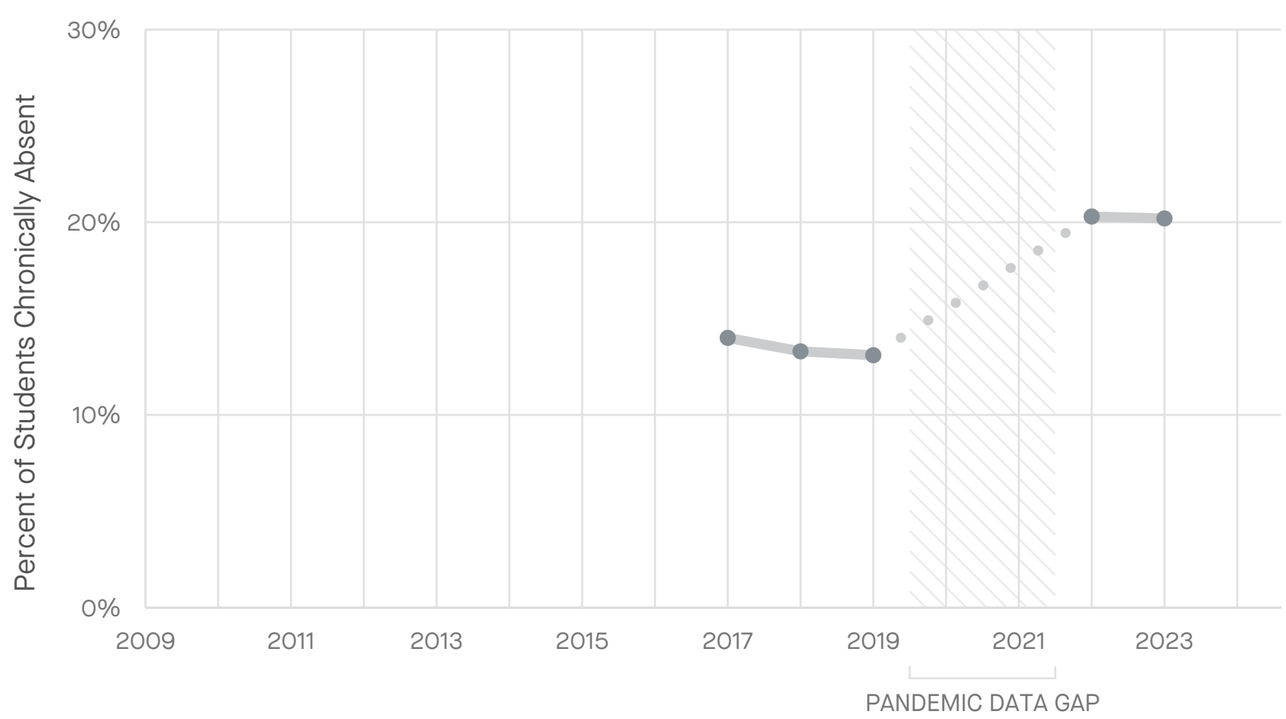
Reading Performance, Grades 3-8, 2009-2024



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



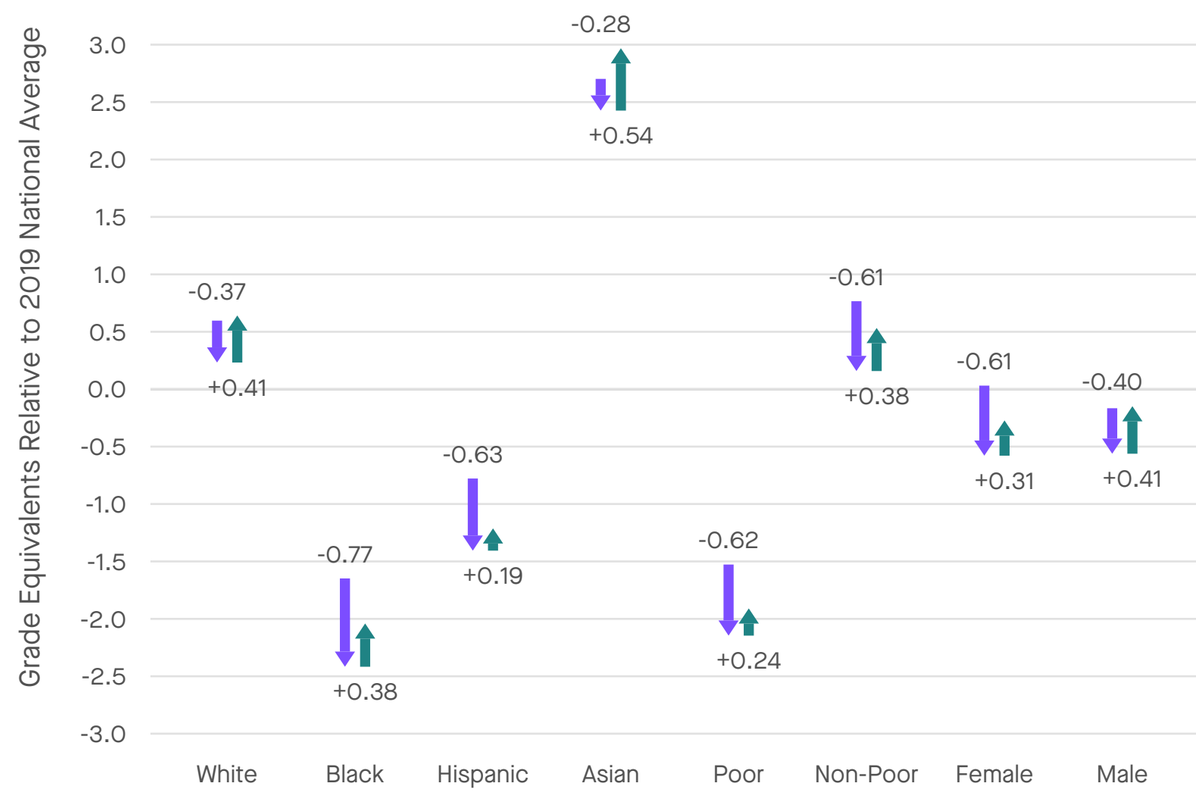
Absenteeism

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

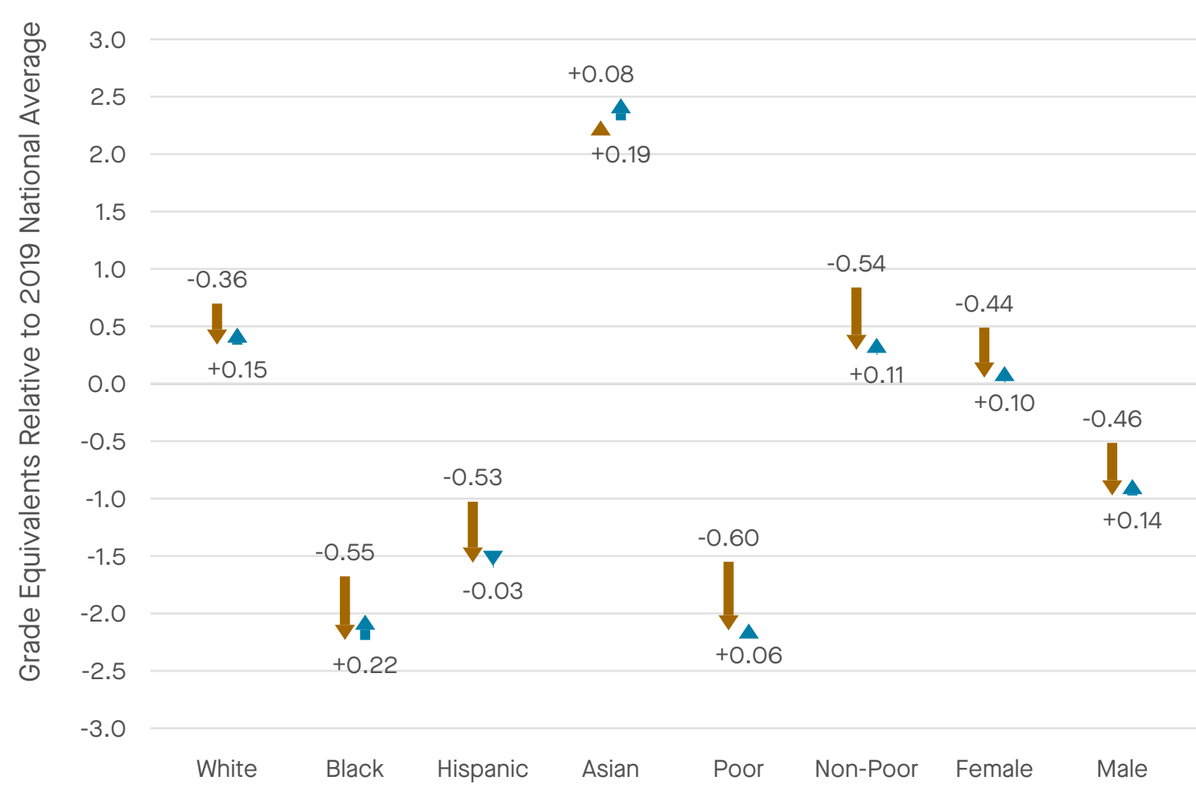


Average Math Scores and Trends in Scores

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

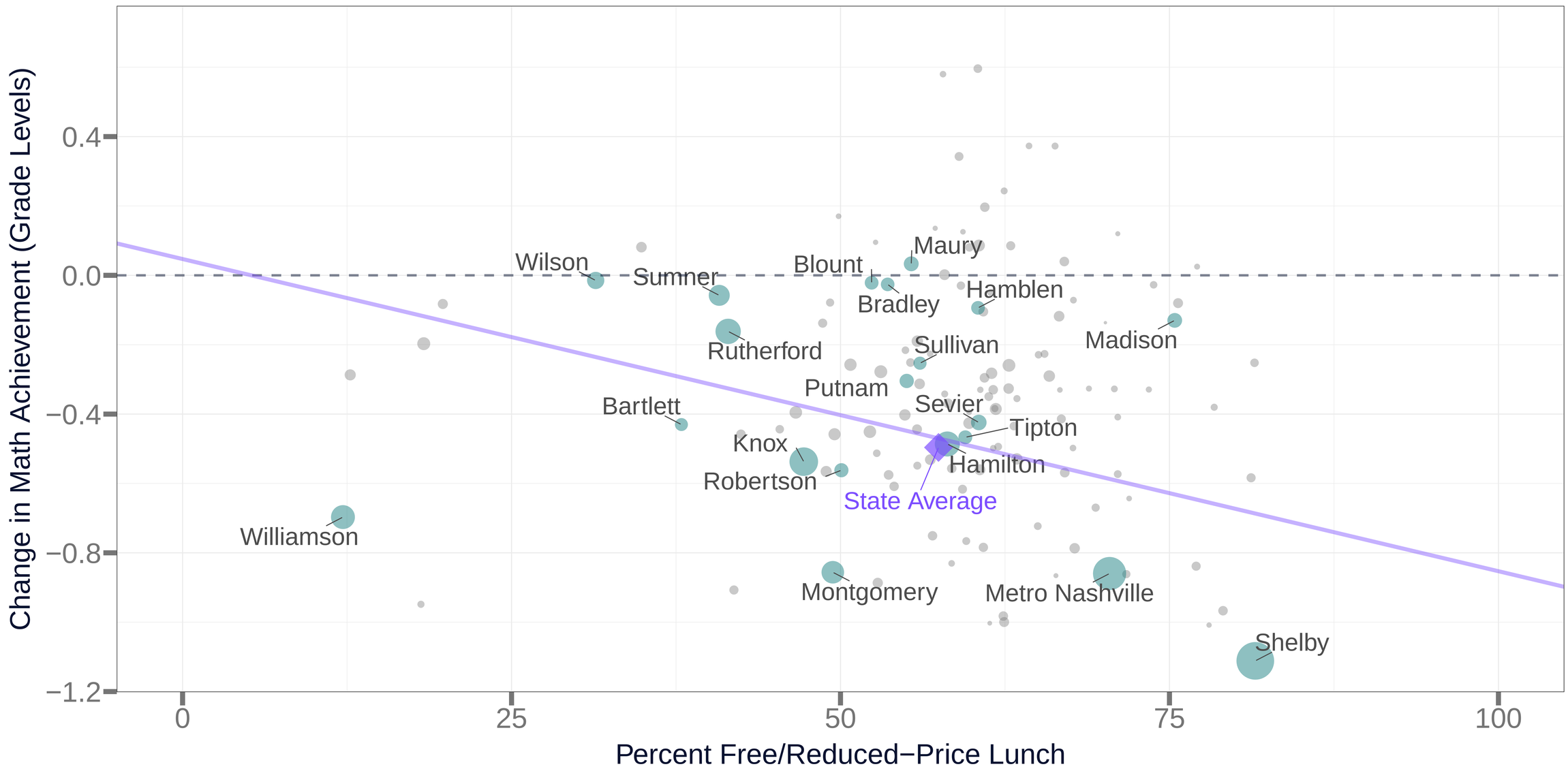


Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

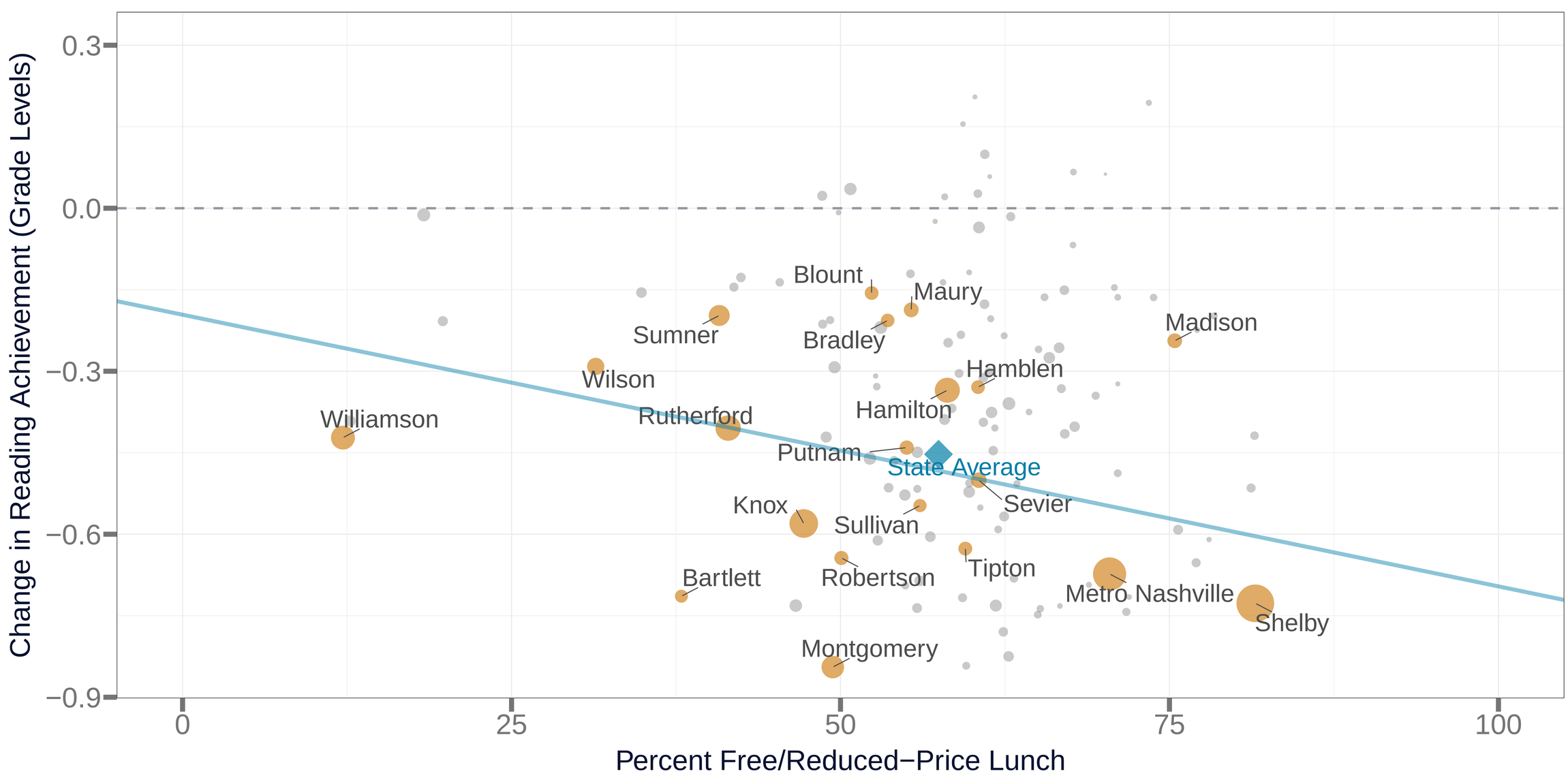
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	0.70	0.34	0.49	↓ -0.36	↑ 0.15	↓ -0.21
Black	-1.68	-2.23	-2.01	↓ -0.55	↑ 0.22	↓ -0.33
Hispanic	-1.03	-1.56	-1.59	↓ -0.53	↓ -0.03	↓ -0.56
Asian	2.21	2.29	2.49	↑ 0.08	↑ 0.19	↑ 0.27
Poor	-1.55	-2.15	-2.09	↓ -0.60	↑ 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



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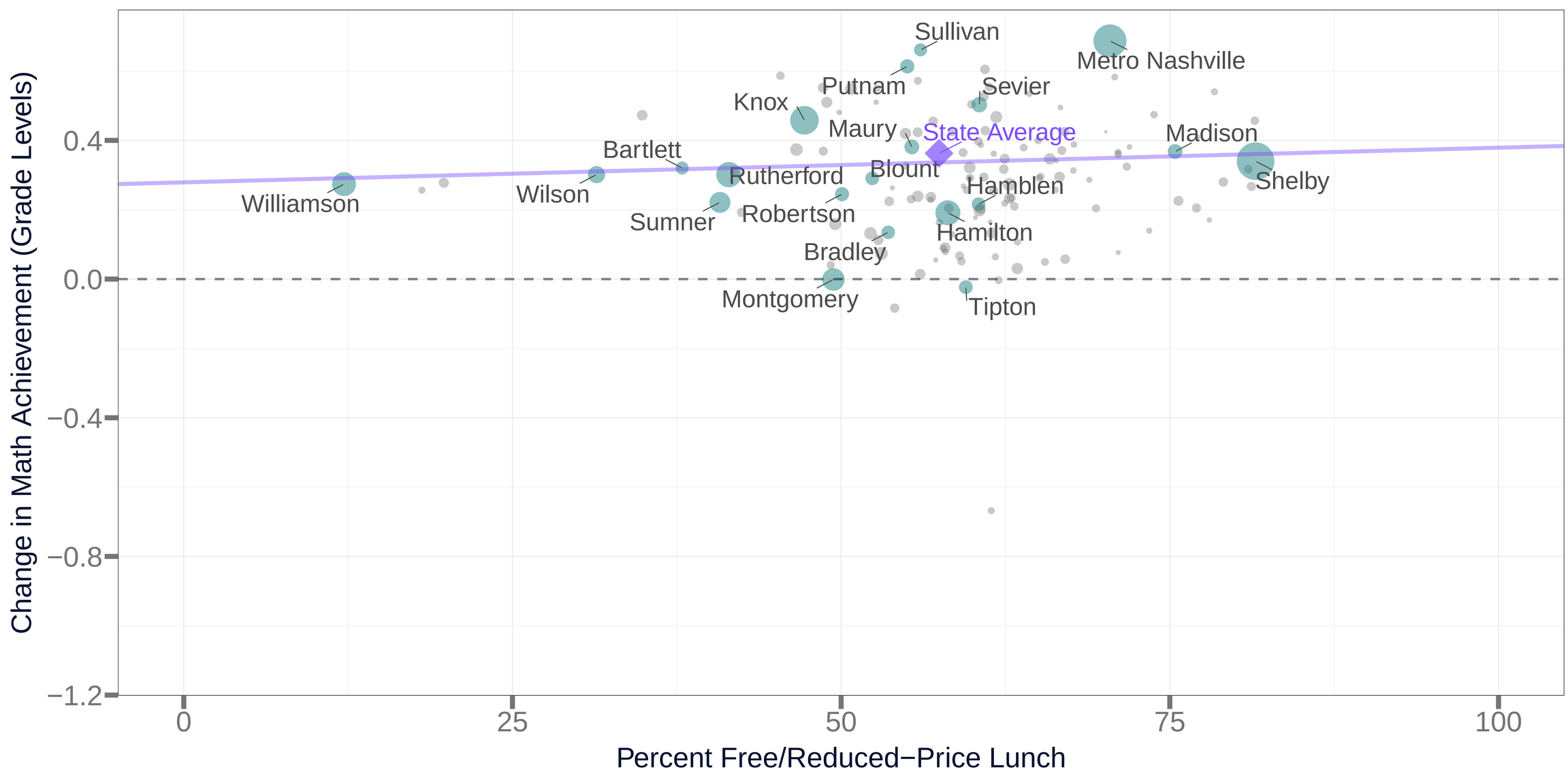
Change in Math Achievement 2022−2024
by Percent FRPL in Tennessee Districts



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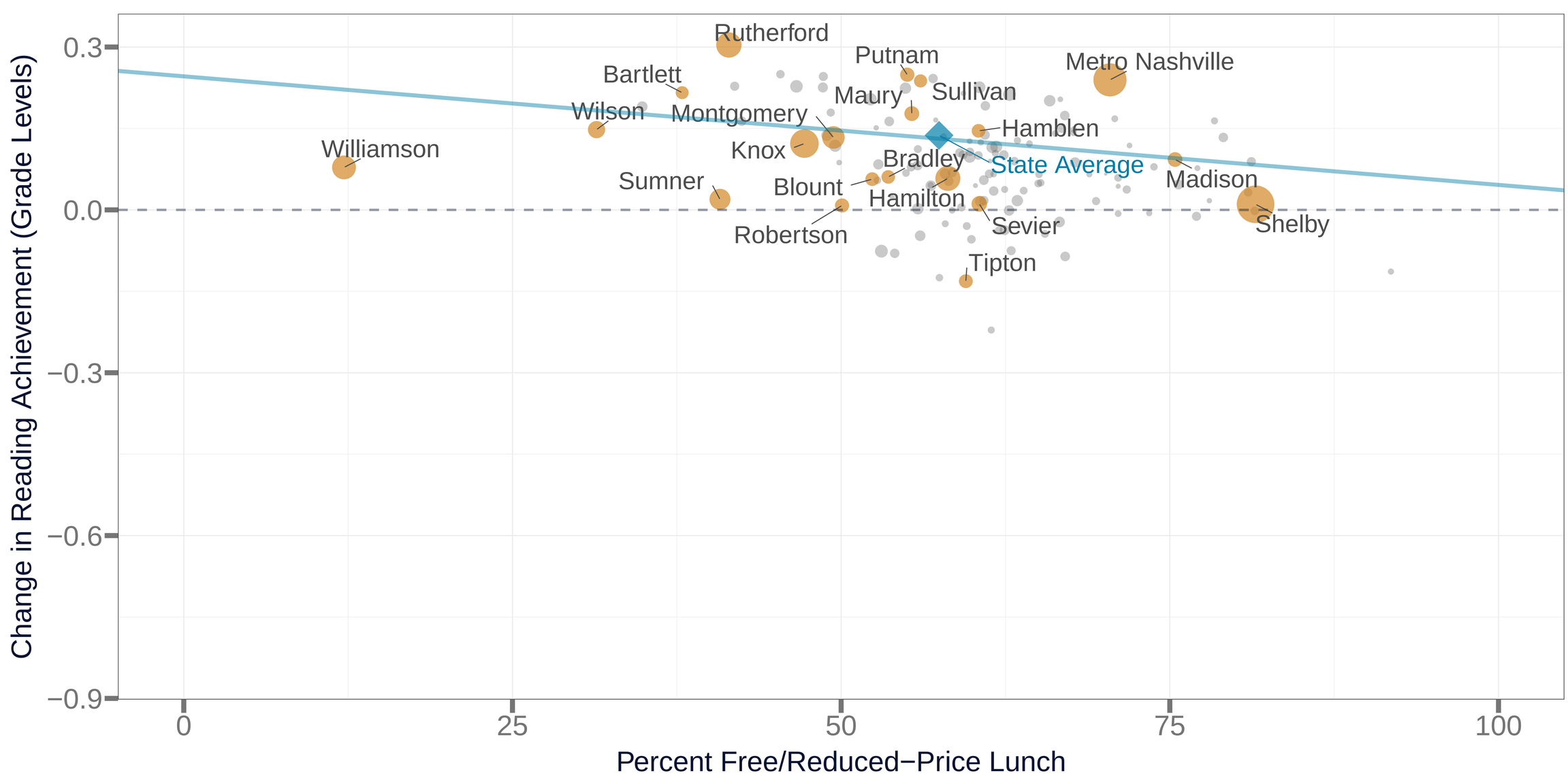
Change in Reading Achievement 2022−2024
by Percent FRPL in Tennessee Districts



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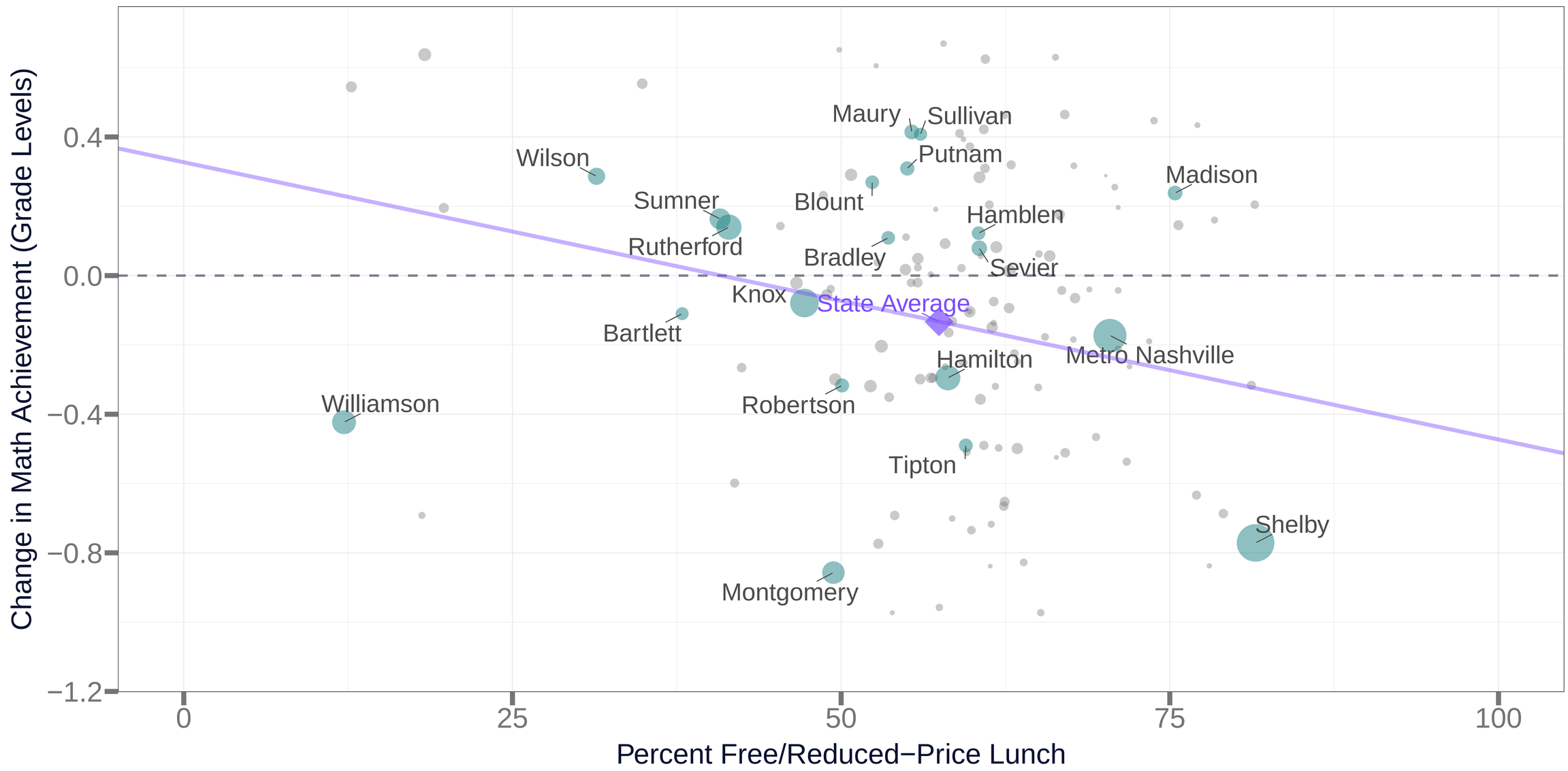
Change in Math Achievement 2019−2024
by Percent FRPL in Tennessee Districts



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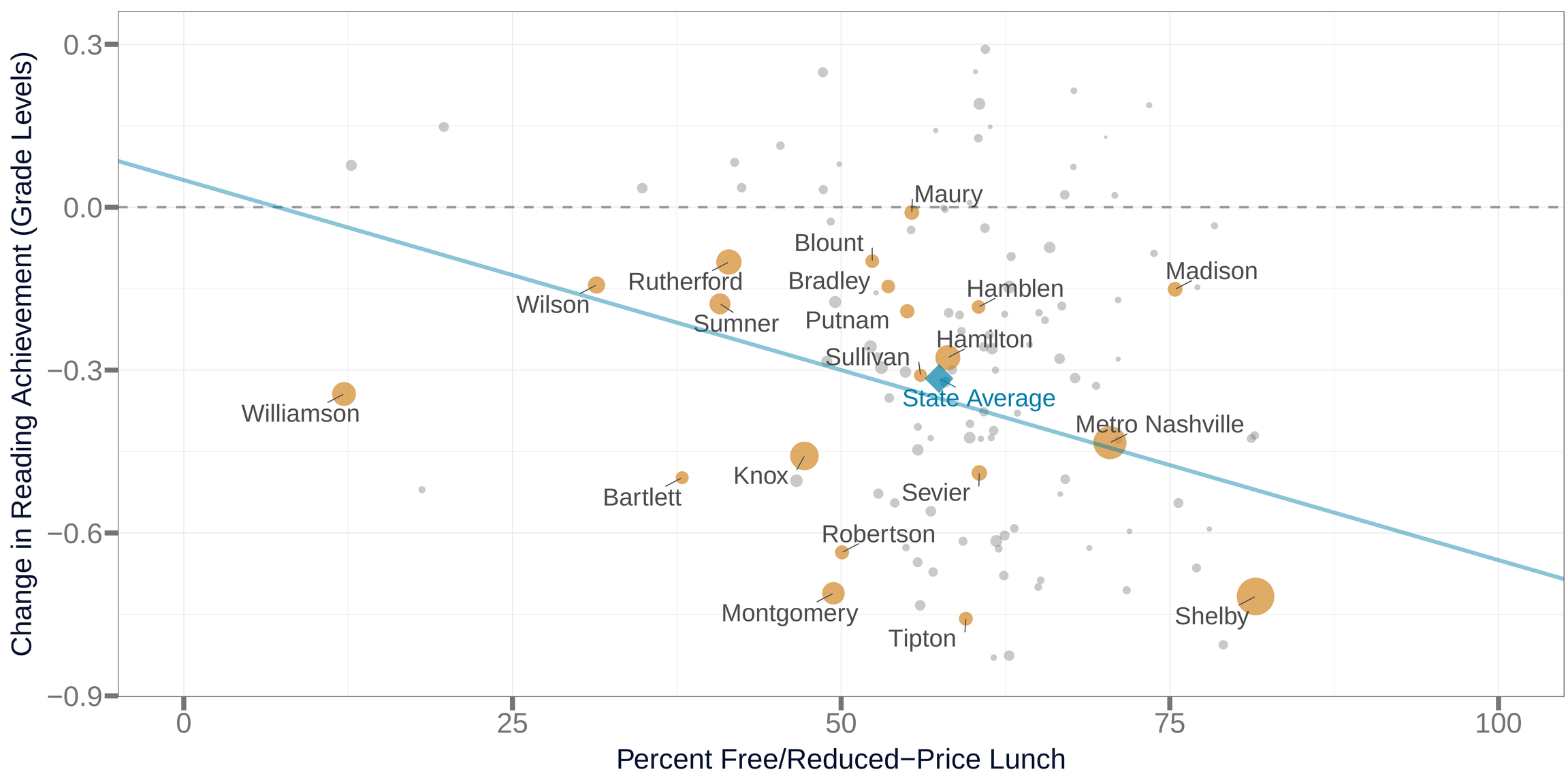
Change in Reading Achievement 2019−2024
by Percent FRPL in Tennessee Districts



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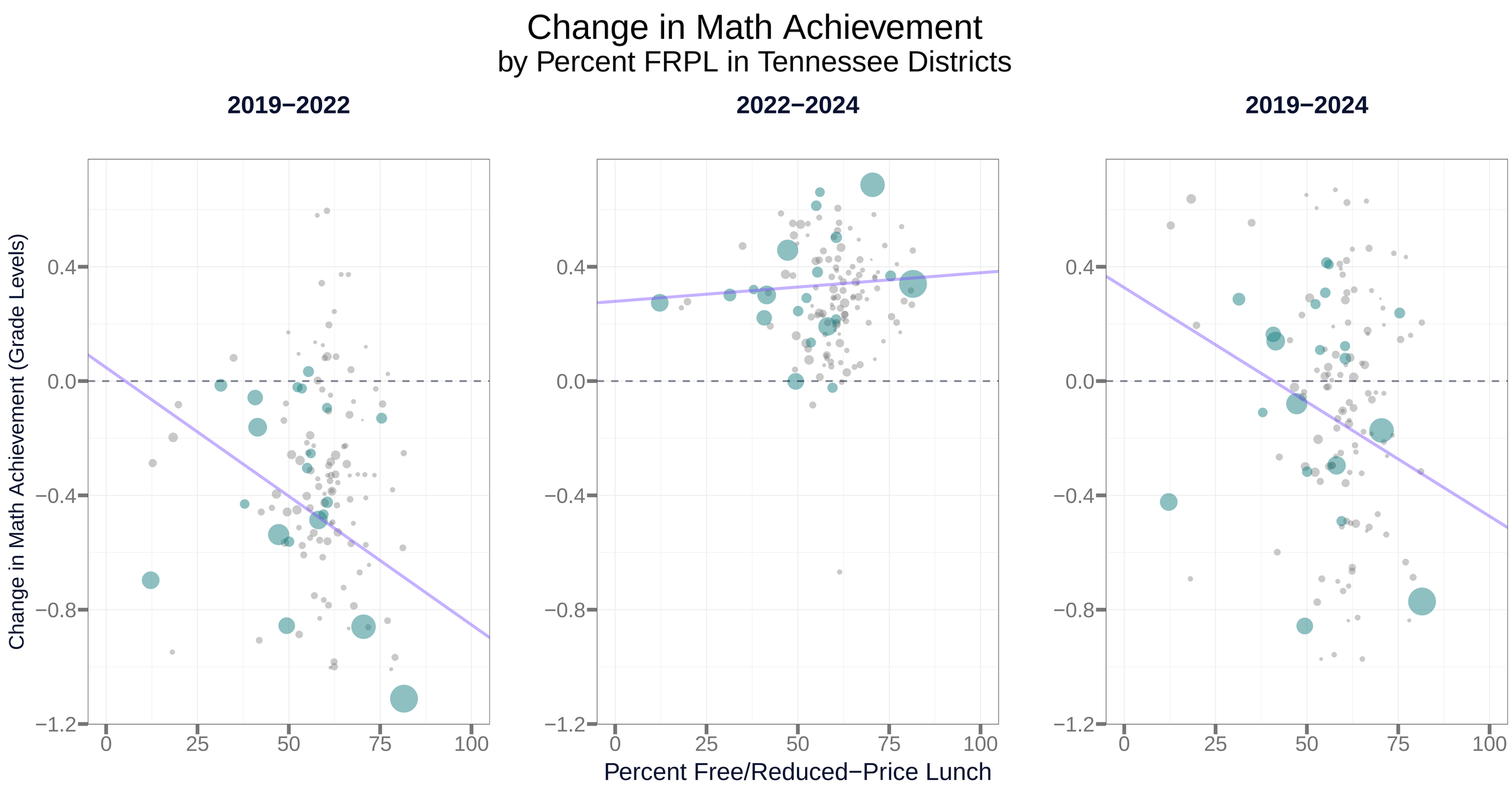

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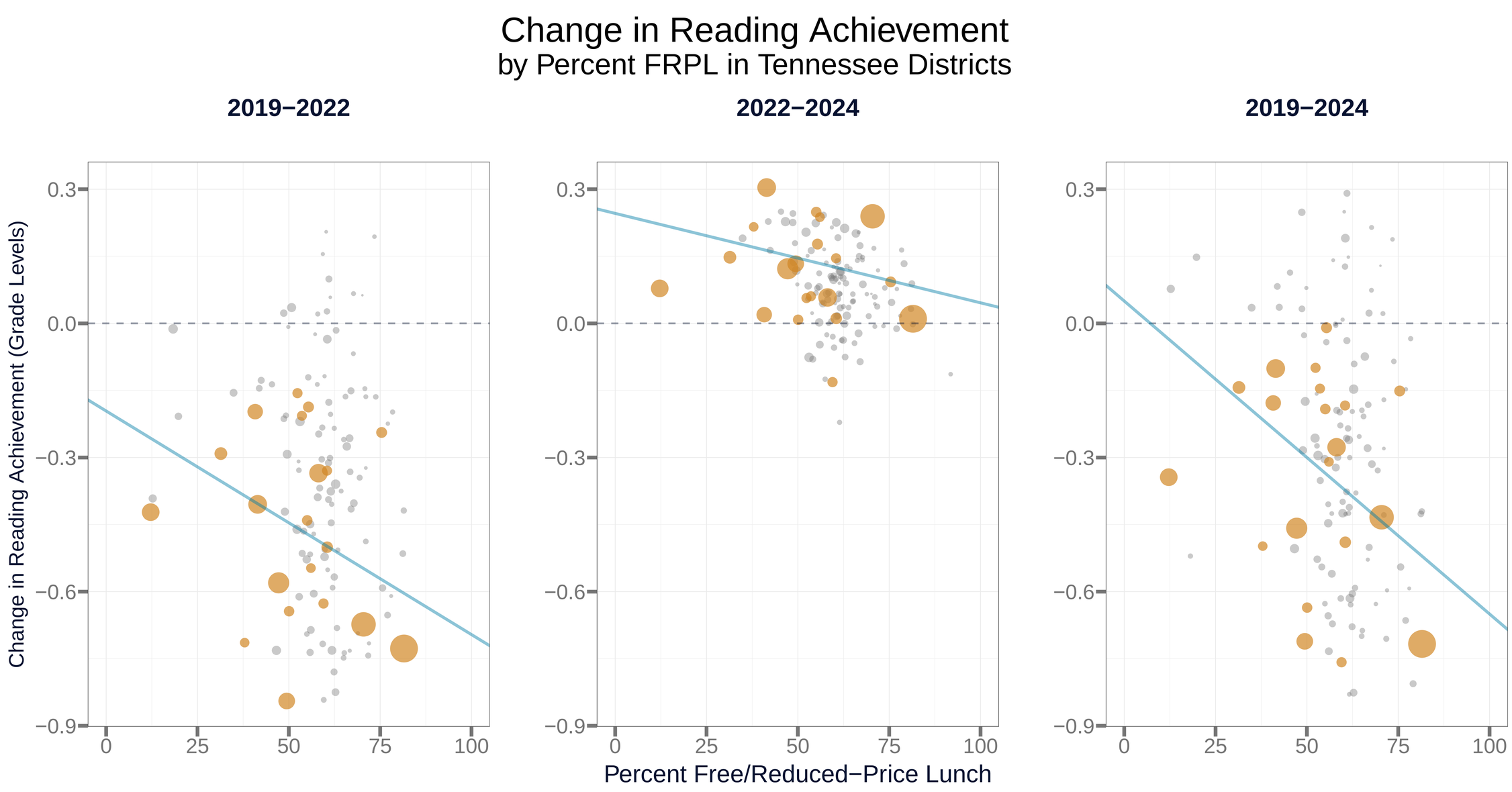

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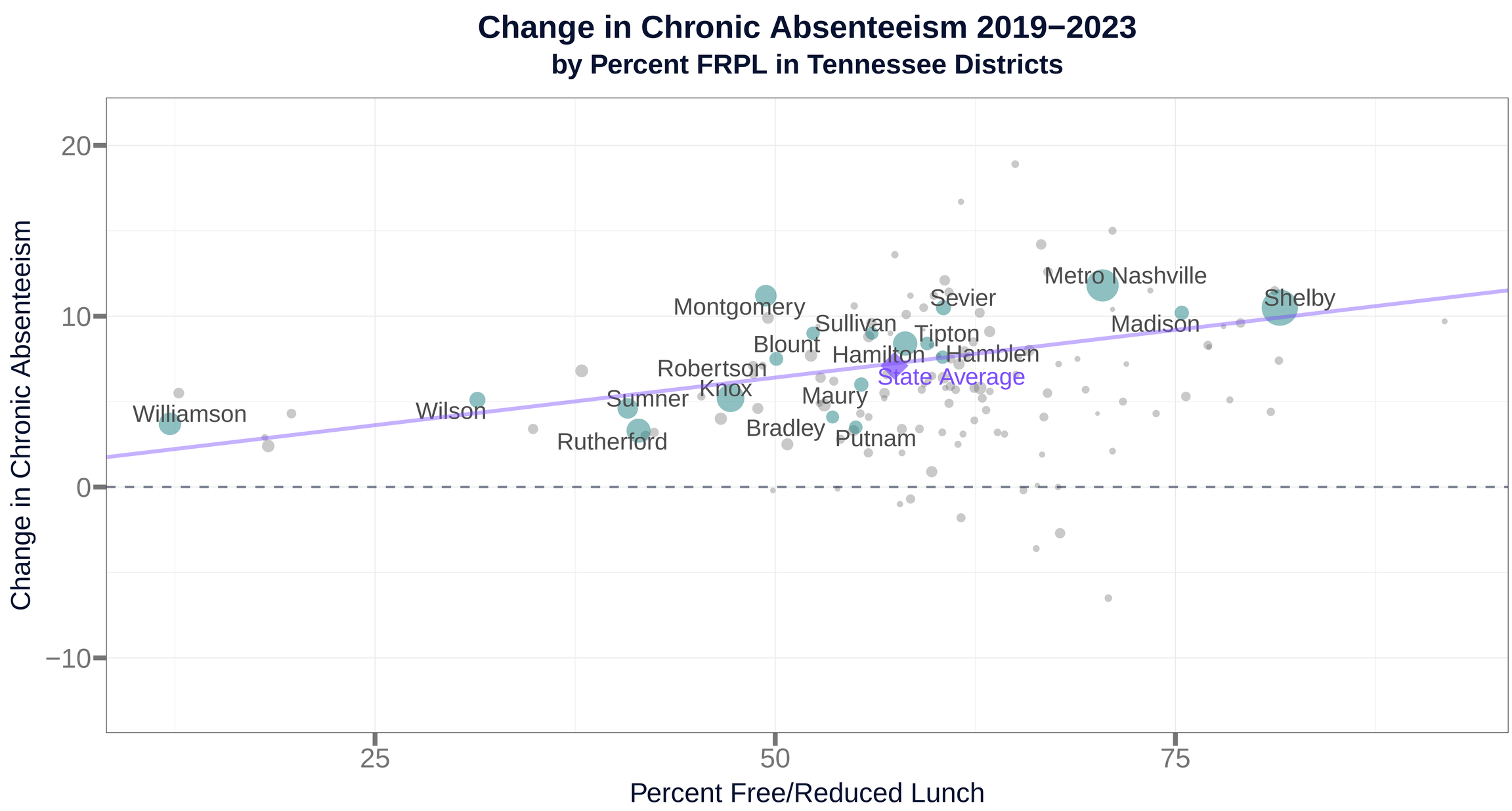

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