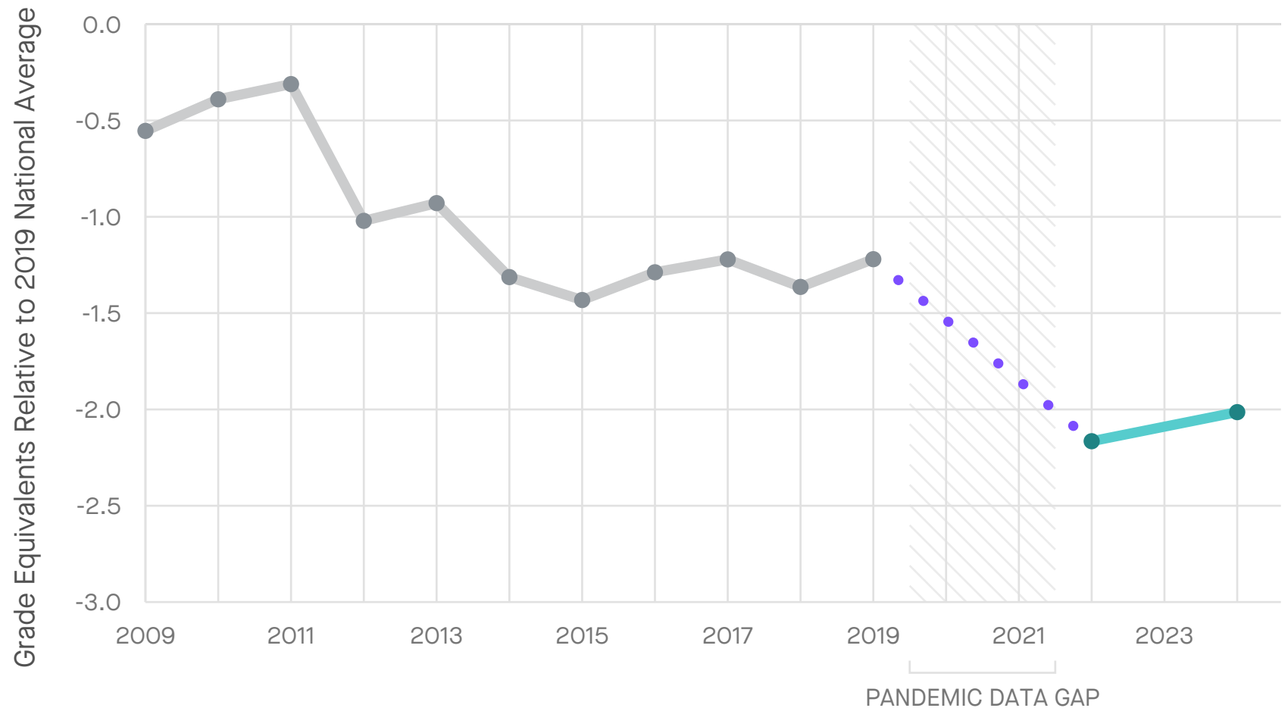
Hanover Area SD, PA

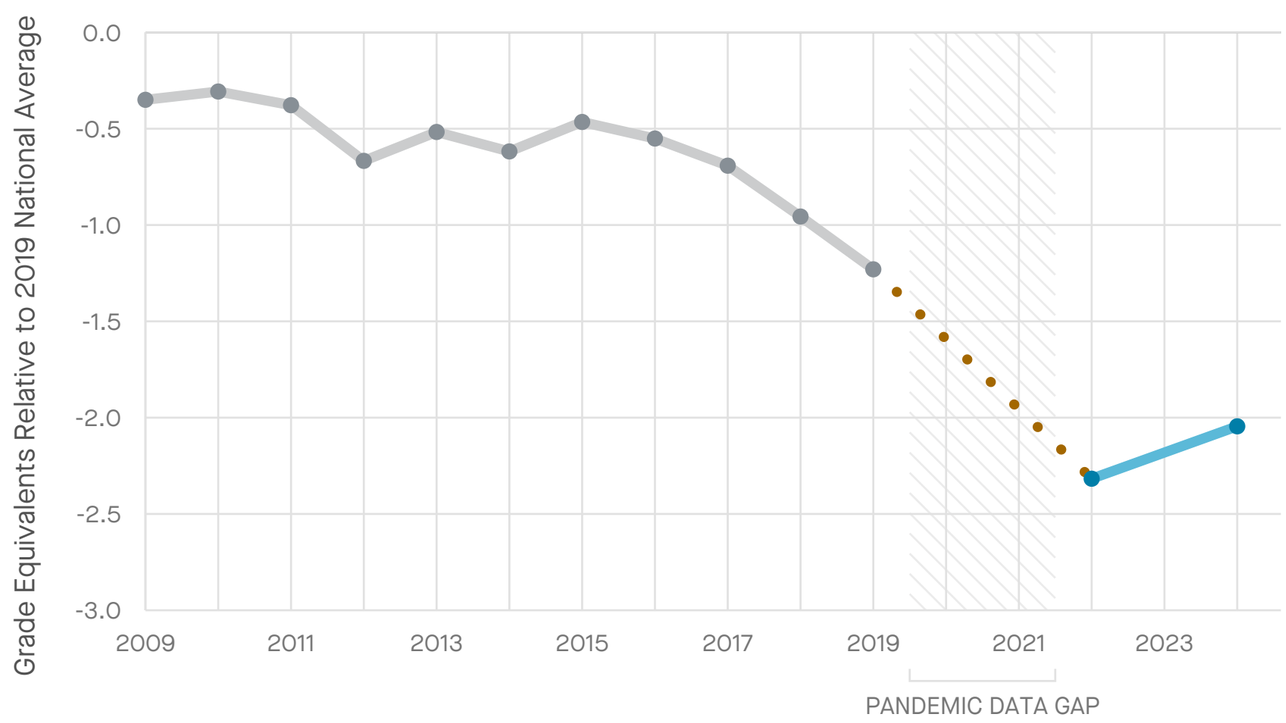
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	-1.22
2022 Average	-2.17
2024 Average	-2.01
2019-2022 Change	-0.95
2022-2024 Change	+0.15
Since 2019	-0.79

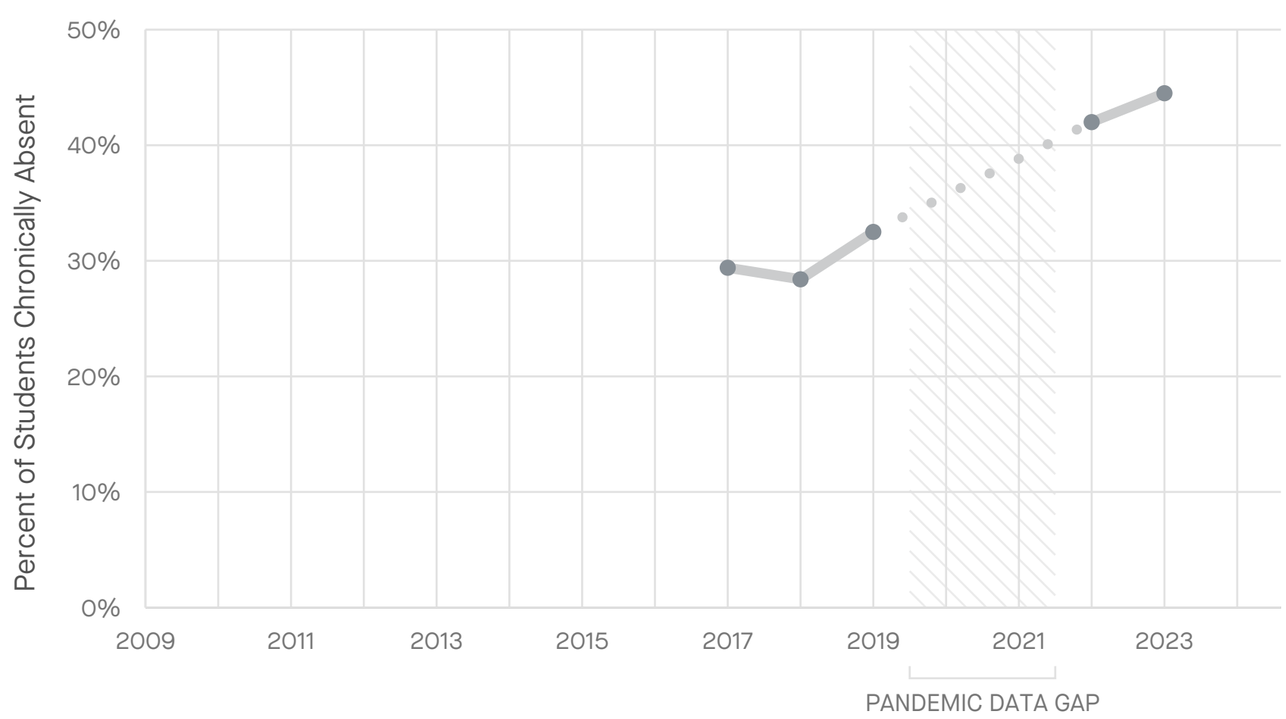
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	-1.23
2022 Average	-2.32
2024 Average	-2.04
2019-2022 Change	-1.09
2022-2024 Change	+0.27
Since 2019	-0.81

Absenteeism, Grades 3-8, 2009-2024



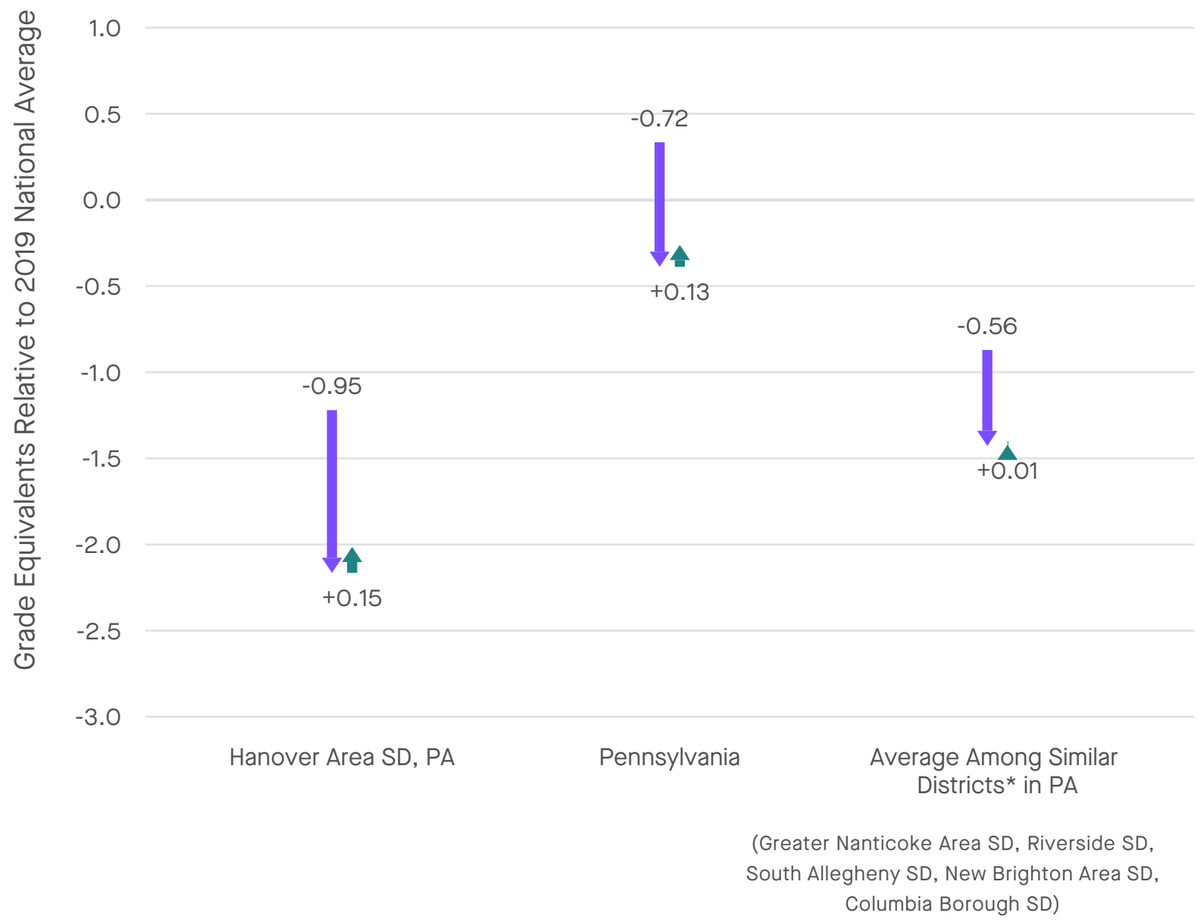
Absenteeism

2019-2023 Change	+0.12
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Hanover Area SD, PA

Math Performance in Hanover Area SD vs. Pennsylvania and Similar Districts, Grades 3-8, 2019-2024



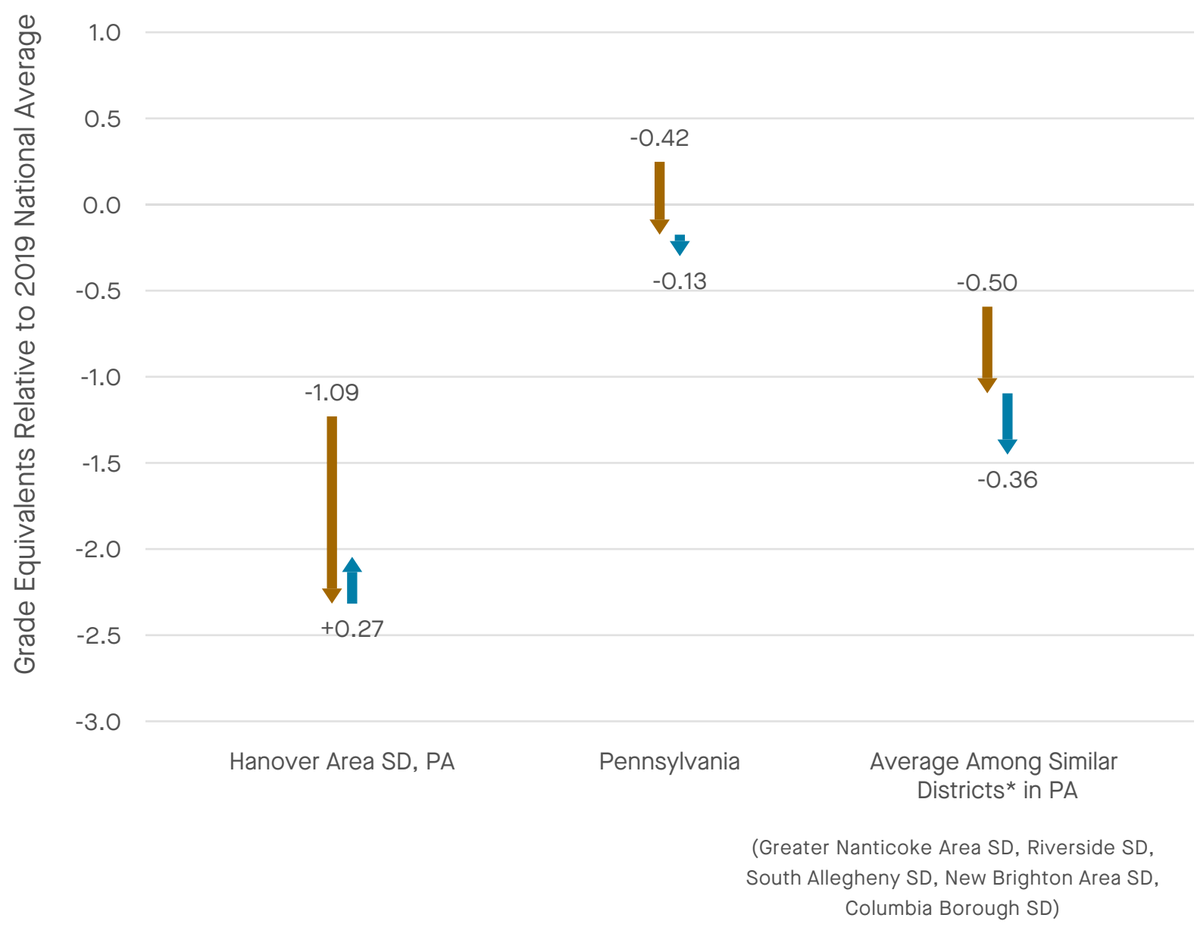
Average Math Scores and Trends in Scores

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
Hanover Area SD, PA	-1.22	-2.17	-2.01	↓ -0.95	↑ 0.15	↓ -0.79
Pennsylvania	0.33	-0.39	-0.26	↓ -0.72	↑ 0.13	↓ -0.60
Similar Districts* in Pennsylvania	-0.87	-1.43	-1.42	↓ -0.56	↑ 0.01	↓ -0.55

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

Reading Performance in Hanover Area SD vs. Pennsylvania and Similar Districts, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

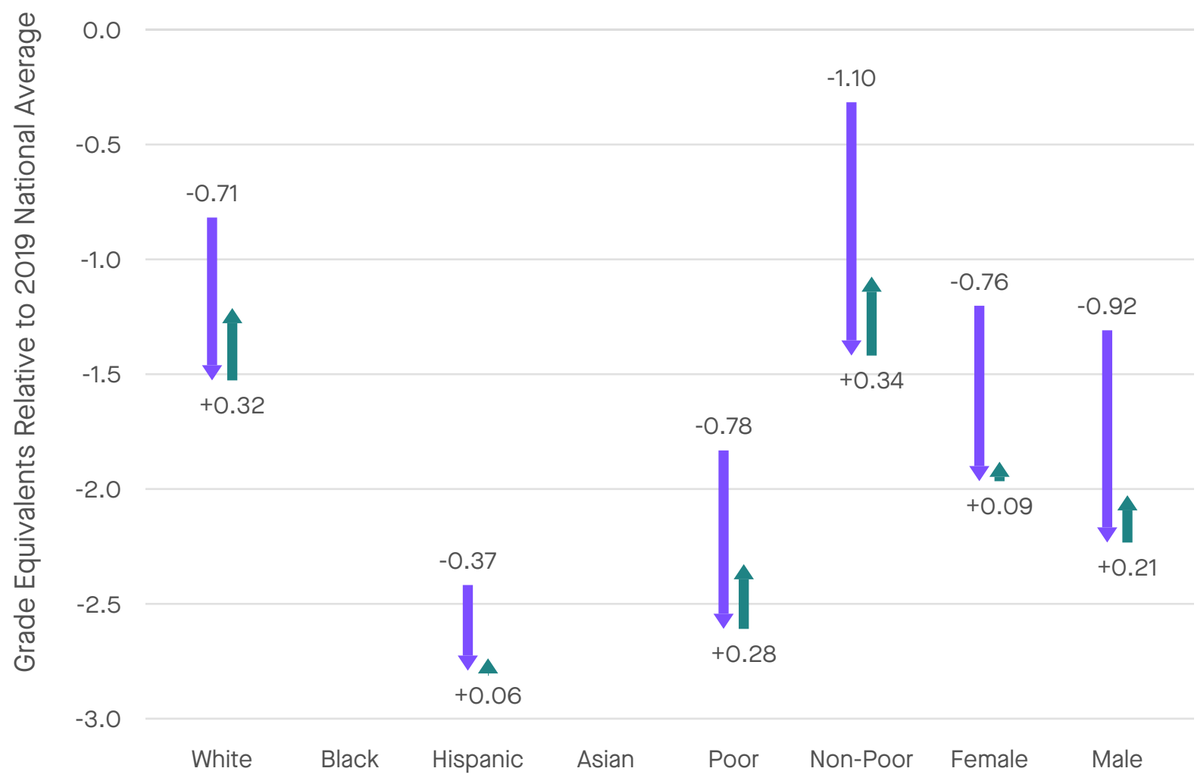
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Hanover Area SD, PA	-1.23	-2.32	-2.04	↓ -1.09	↑ 0.27	↓ -0.81
Pennsylvania	0.25	-0.17	-0.30	↓ -0.42	↓ -0.13	↓ -0.55
Similar Districts* in Pennsylvania	-0.59	-1.10	-1.45	↓ -0.50	↓ -0.36	↓ -0.86

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

Hanover Area SD, PA

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

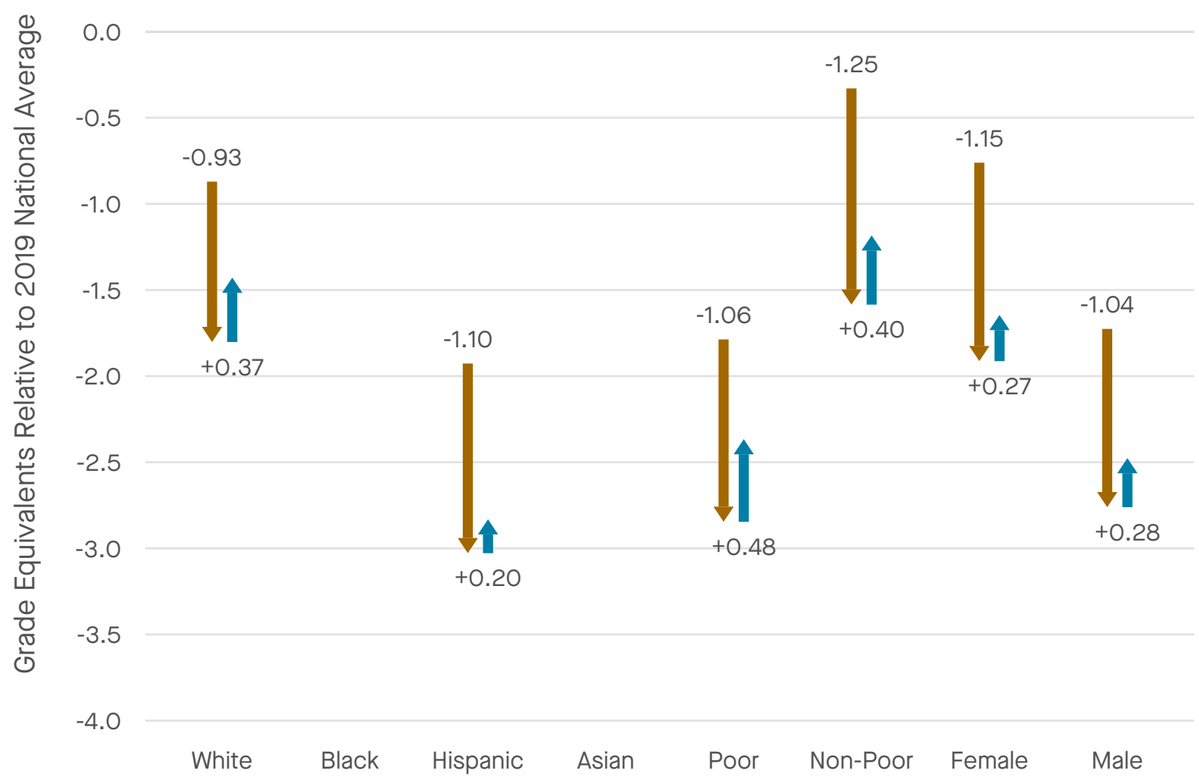


Average Math Scores and Trends in Scores

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	-0.82	-1.53	-1.21	↓ -0.71	↑ 0.32	↓ -0.40
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	-2.42	-2.79	-2.74	↓ -0.37	↑ 0.06	↓ -0.32
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-1.83	-2.61	-2.33	↓ -0.78	↑ 0.28	↓ -0.49
Non-Poor	-0.32	-1.42	-1.07	↓ -1.10	↑ 0.34	↓ -0.76
Female	-1.20	-1.97	-1.88	↓ -0.76	↑ 0.09	↓ -0.68
Male	-1.31	-2.23	-2.03	↓ -0.92	↑ 0.21	↓ -0.72

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



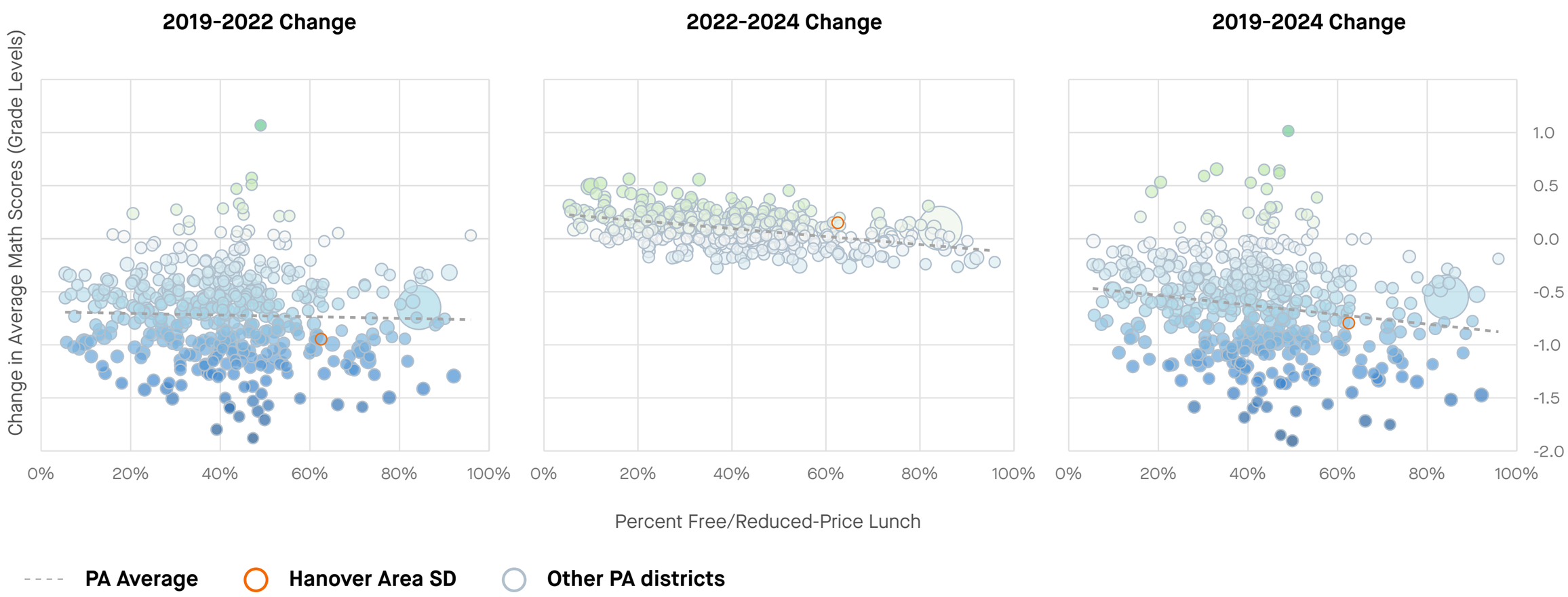
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

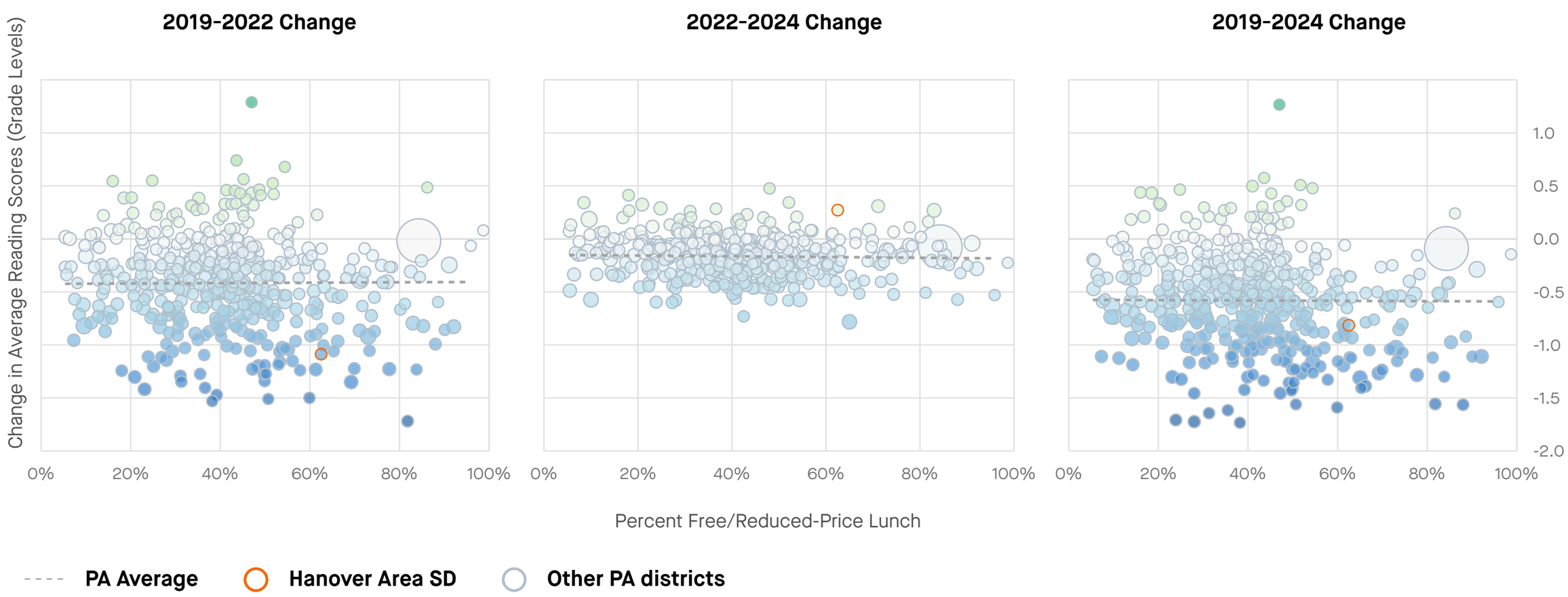
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	-0.87	-1.80	-1.43	↓ -0.93	↑ 0.37	↓ -0.56
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	-1.93	-3.03	-2.83	↓ -1.10	↑ 0.20	↓ -0.90
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-1.79	-2.85	-2.37	↓ -1.06	↑ 0.48	↓ -0.58
Non-Poor	-0.33	-1.58	-1.18	↓ -1.25	↑ 0.40	↓ -0.85
Female	-0.76	-1.91	-1.65	↓ -1.15	↑ 0.27	↓ -0.88
Male	-1.73	-2.76	-2.48	↓ -1.04	↑ 0.28	↓ -0.75

Hanover Area SD, PA

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

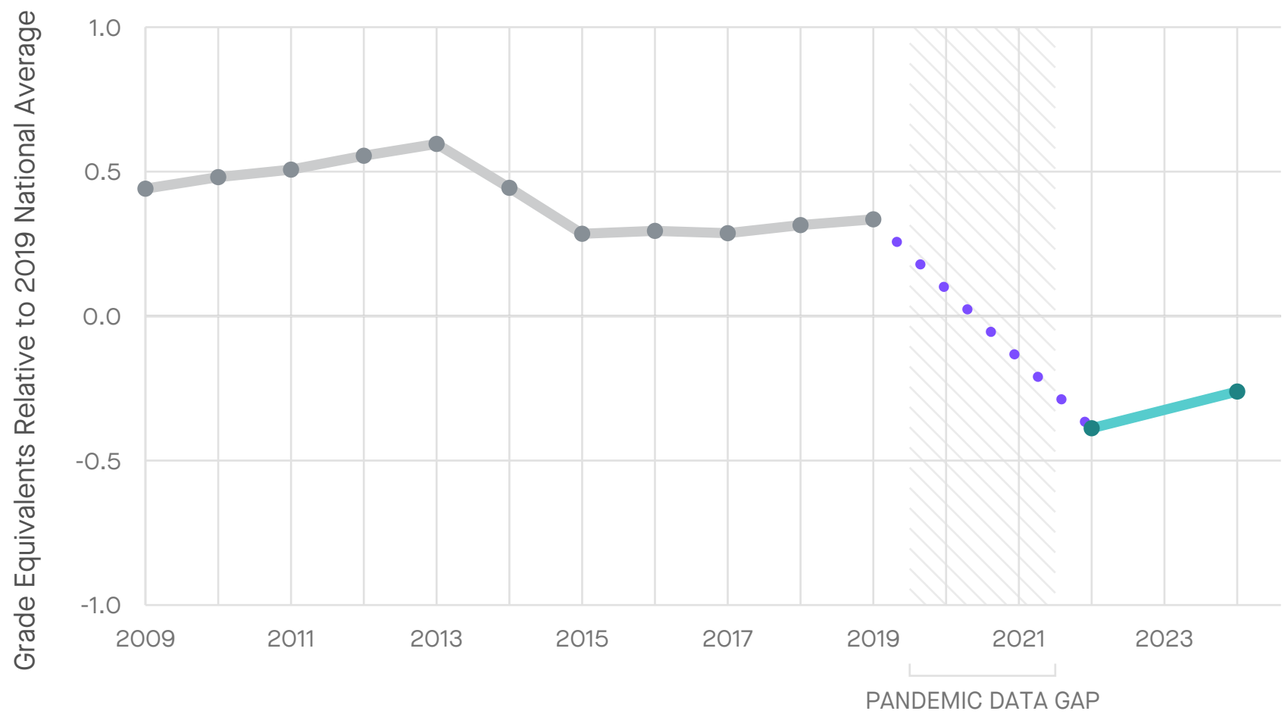


Change in Reading Performance in Pennsylvania Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Pennsylvania

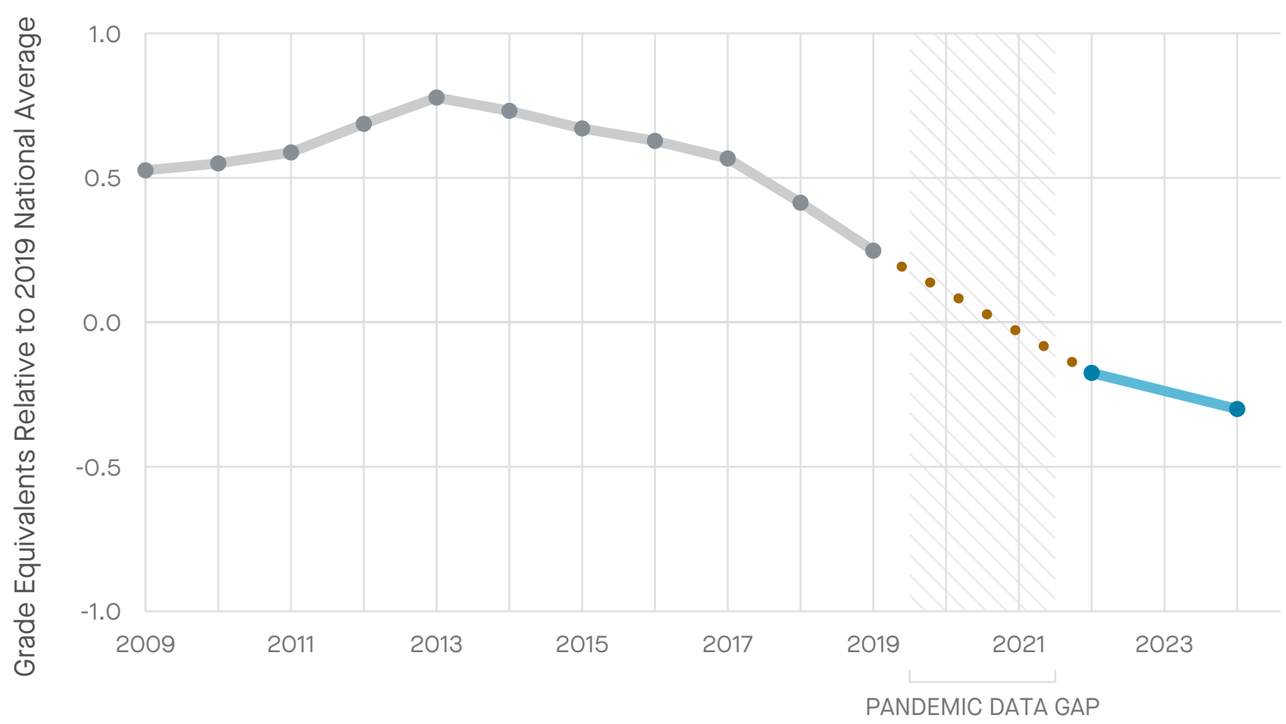
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	0.34
2022 Average	-0.39
2024 Average	-0.26
2019-2022 Change	-0.72
2022-2024 Change	+0.13
Since 2019	-0.60

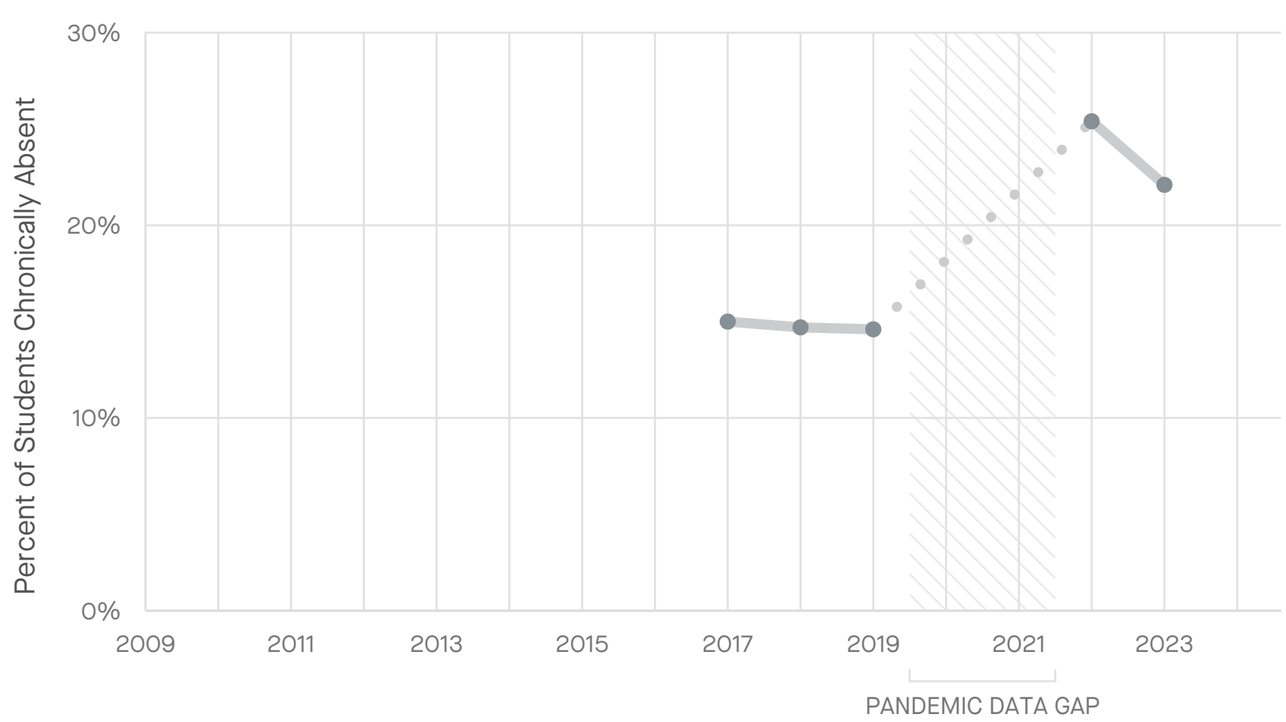
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	0.25
2022 Average	-0.17
2024 Average	-0.30
2019-2022 Change	-0.42
2022-2024 Change	-0.13
Since 2019	-0.55

Absenteeism, Grades 3-8, 2009-2024



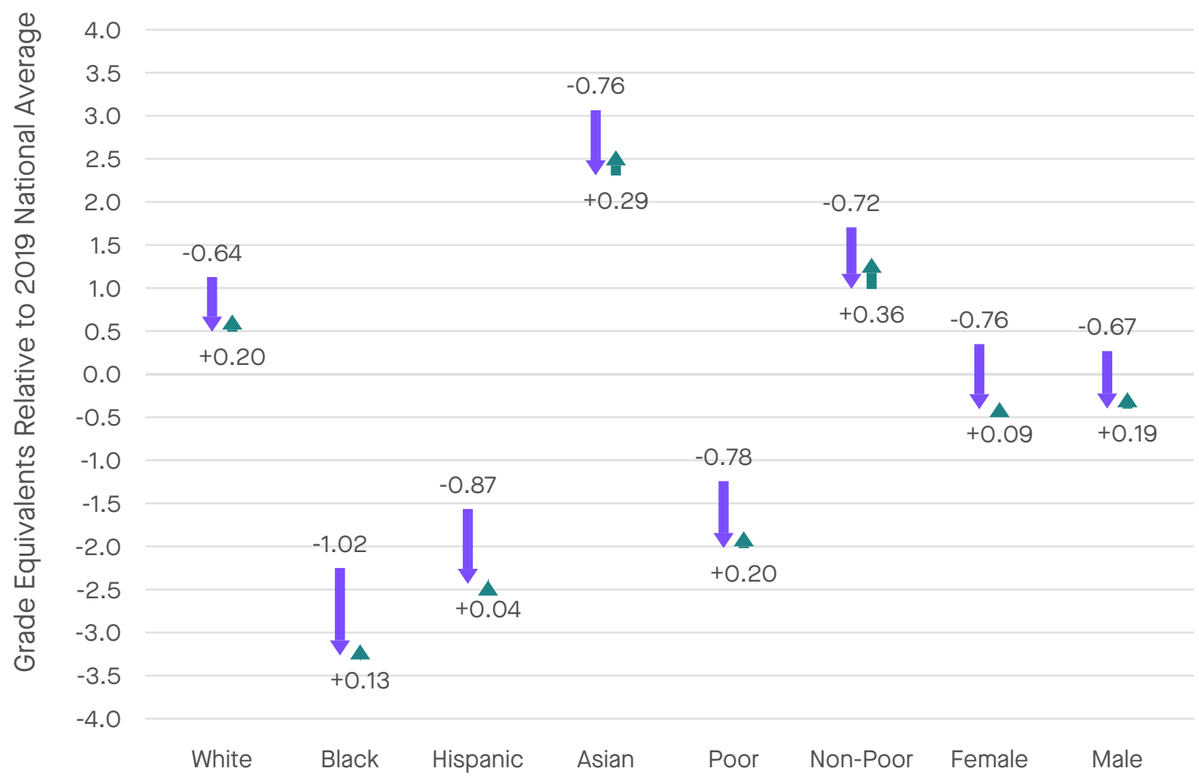
Absenteeism

2019-2023 Change	+0.07
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Pennsylvania

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

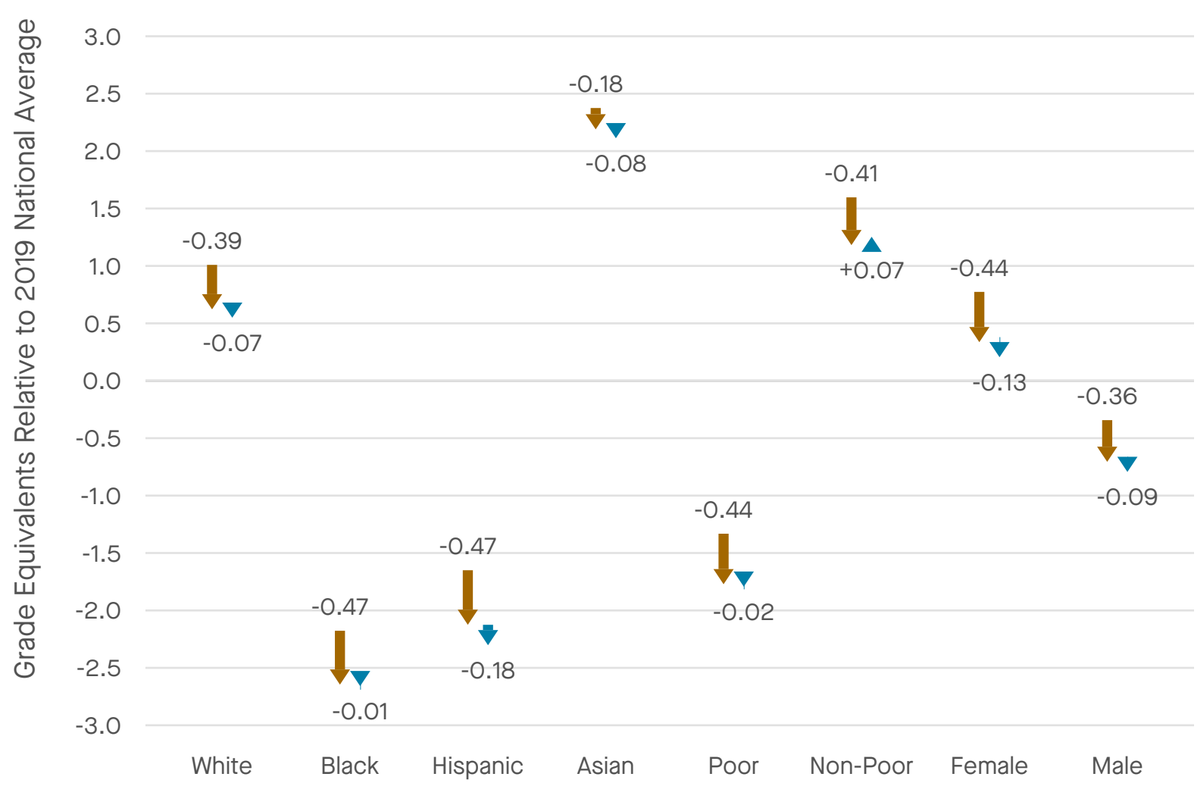


Average Math Scores and Trends in Scores

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	1.13	0.49	0.69	↓ -0.64	↑ 0.20	↓ -0.43
Black	-2.25	-3.27	-3.14	↓ -1.02	↑ 0.13	↓ -0.89
Hispanic	-1.56	-2.44	-2.40	↓ -0.87	↑ 0.04	↓ -0.83
Asian	3.06	2.31	2.60	↓ -0.76	↑ 0.29	↓ -0.47
Poor	-1.24	-2.02	-1.82	↓ -0.78	↑ 0.20	↓ -0.58
Non-Poor	1.71	0.99	1.35	↓ -0.72	↑ 0.36	↓ -0.35
Female	0.35	-0.41	-0.32	↓ -0.76	↑ 0.09	↓ -0.67
Male	0.27	-0.40	-0.21	↓ -0.67	↑ 0.19	↓ -0.48

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

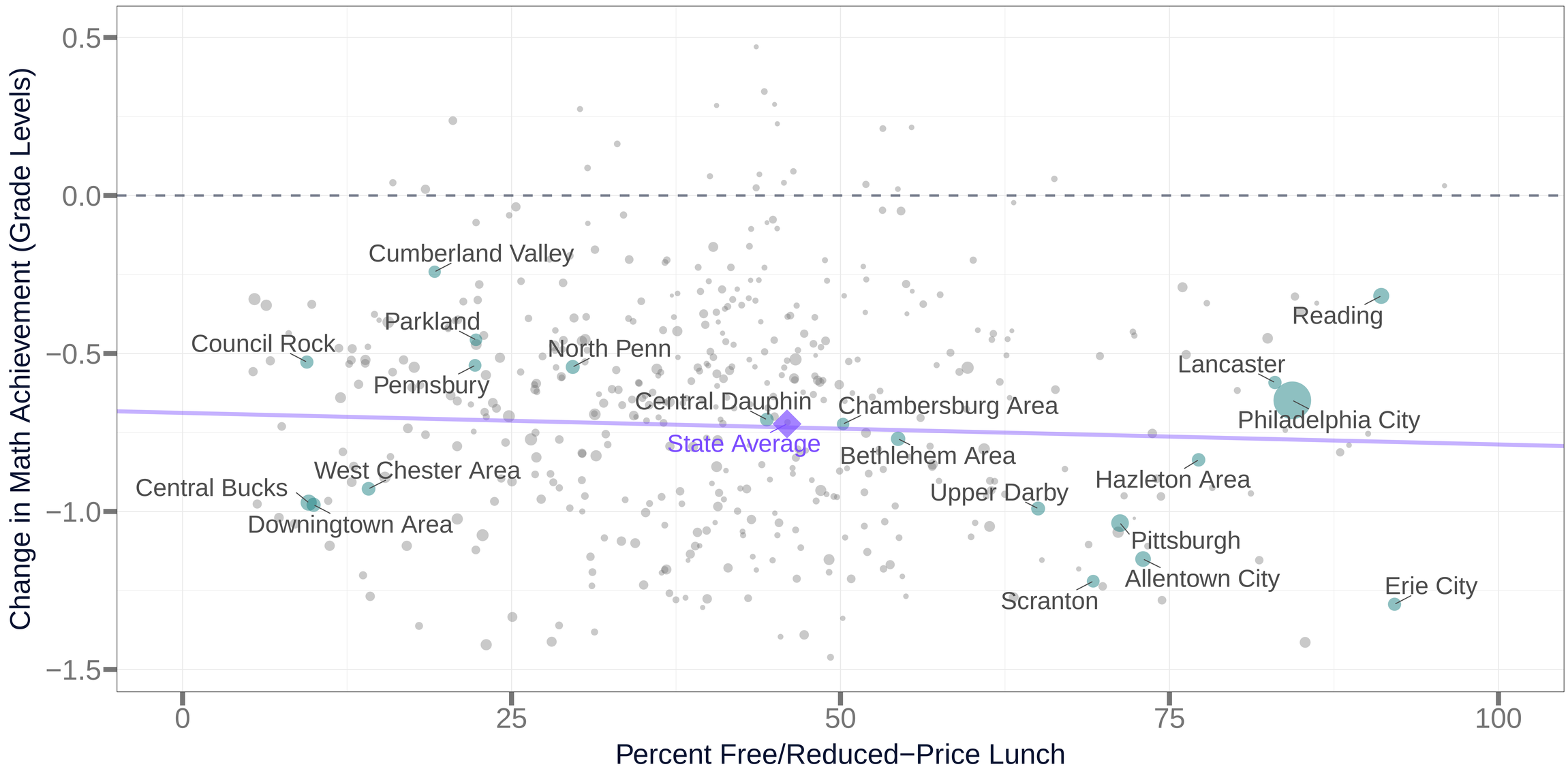


Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

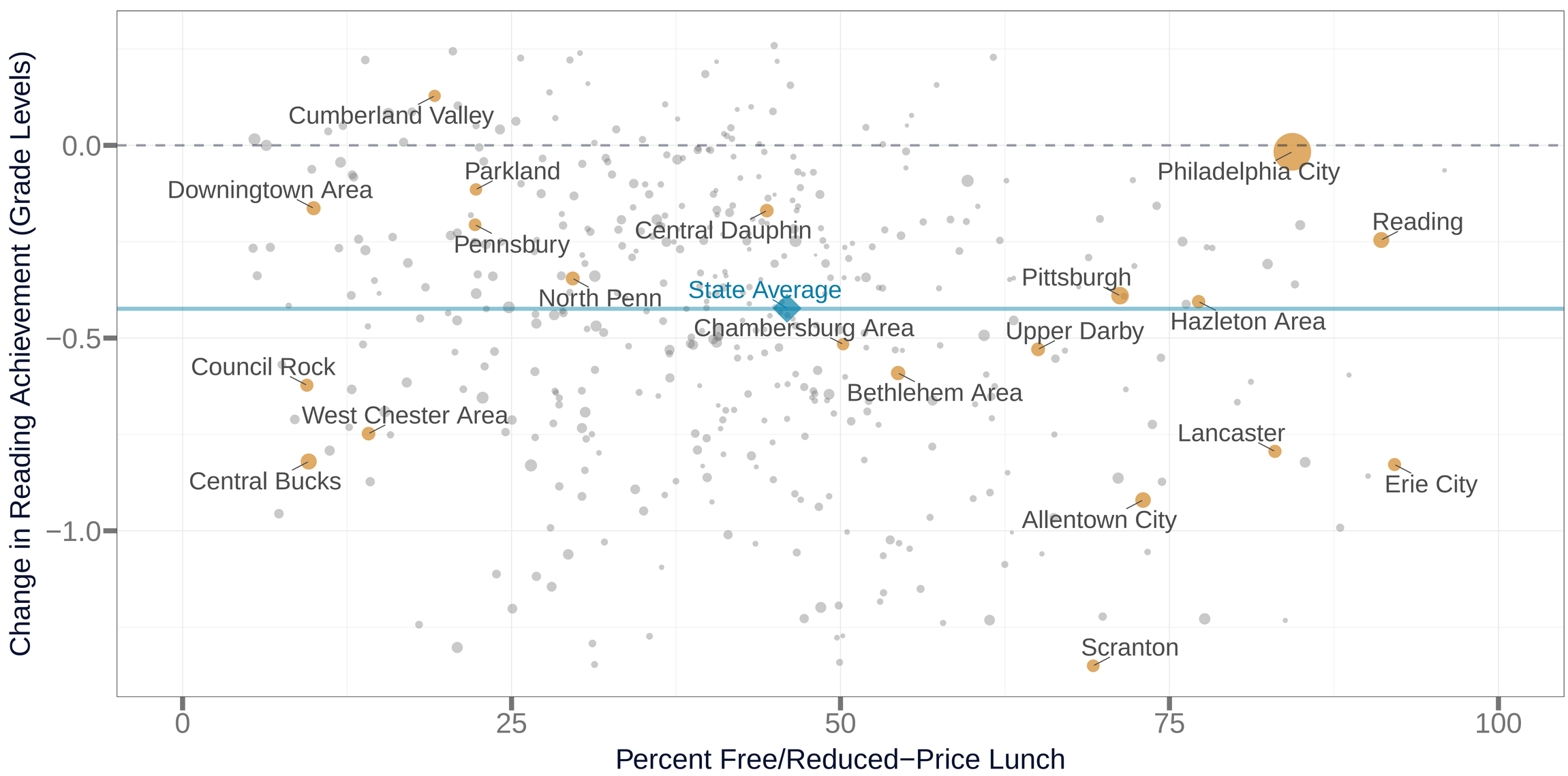
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.01	0.62	0.55	↓ -0.39	↓ -0.07	↓ -0.46
Black	-2.18	-2.65	-2.66	↓ -0.47	↓ -0.01	↓ -0.48
Hispanic	-1.65	-2.13	-2.30	↓ -0.47	↓ -0.18	↓ -0.65
Asian	2.38	2.19	2.11	↓ -0.18	↓ -0.08	↓ -0.26
Poor	-1.33	-1.77	-1.79	↓ -0.44	↓ -0.02	↓ -0.46
Non-Poor	1.60	1.18	1.25	↓ -0.41	↑ 0.07	↓ -0.34
Female	0.77	0.34	0.20	↓ -0.44	↓ -0.13	↓ -0.57
Male	-0.34	-0.71	-0.79	↓ -0.36	↓ -0.09	↓ -0.45

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



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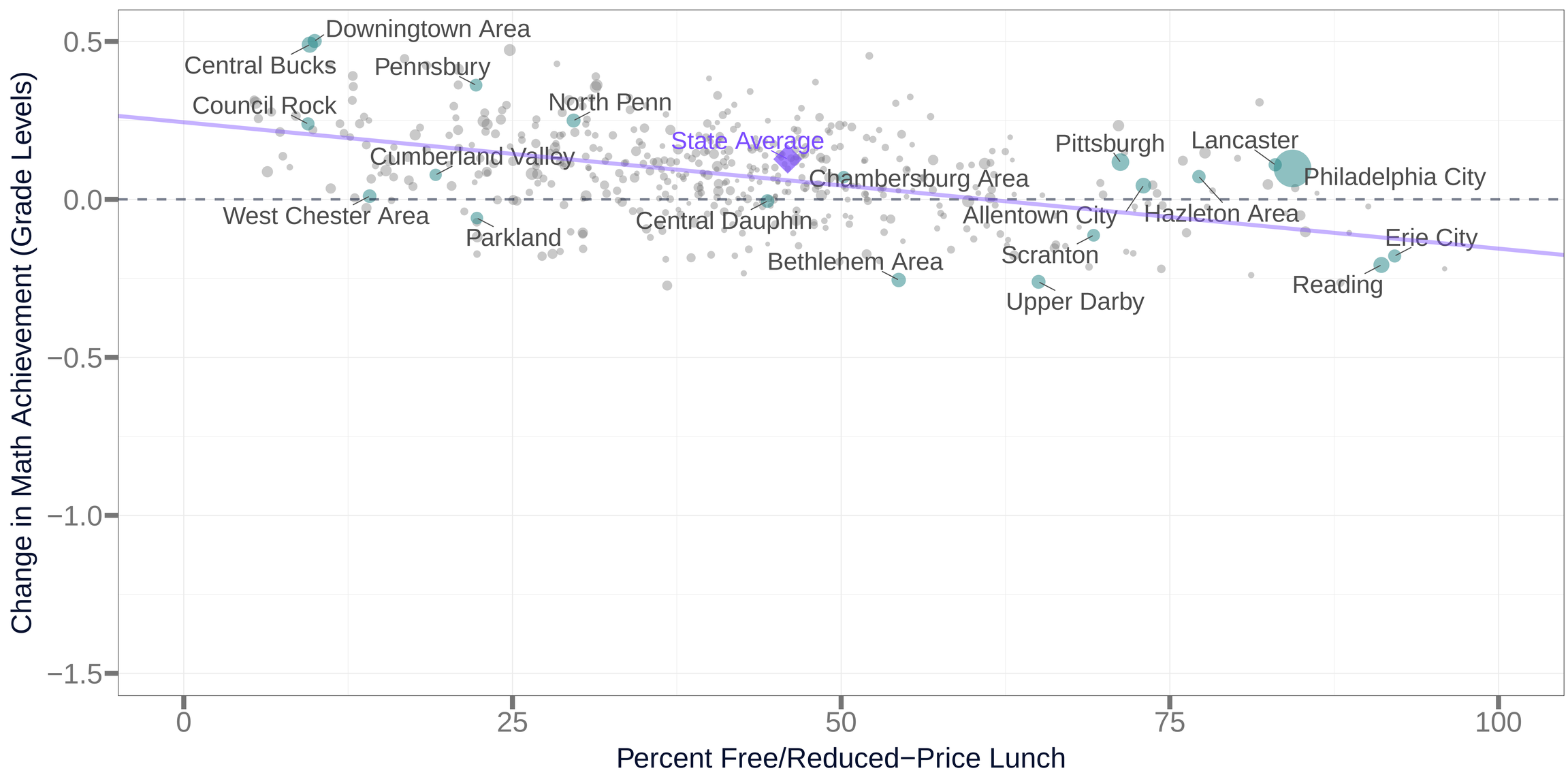
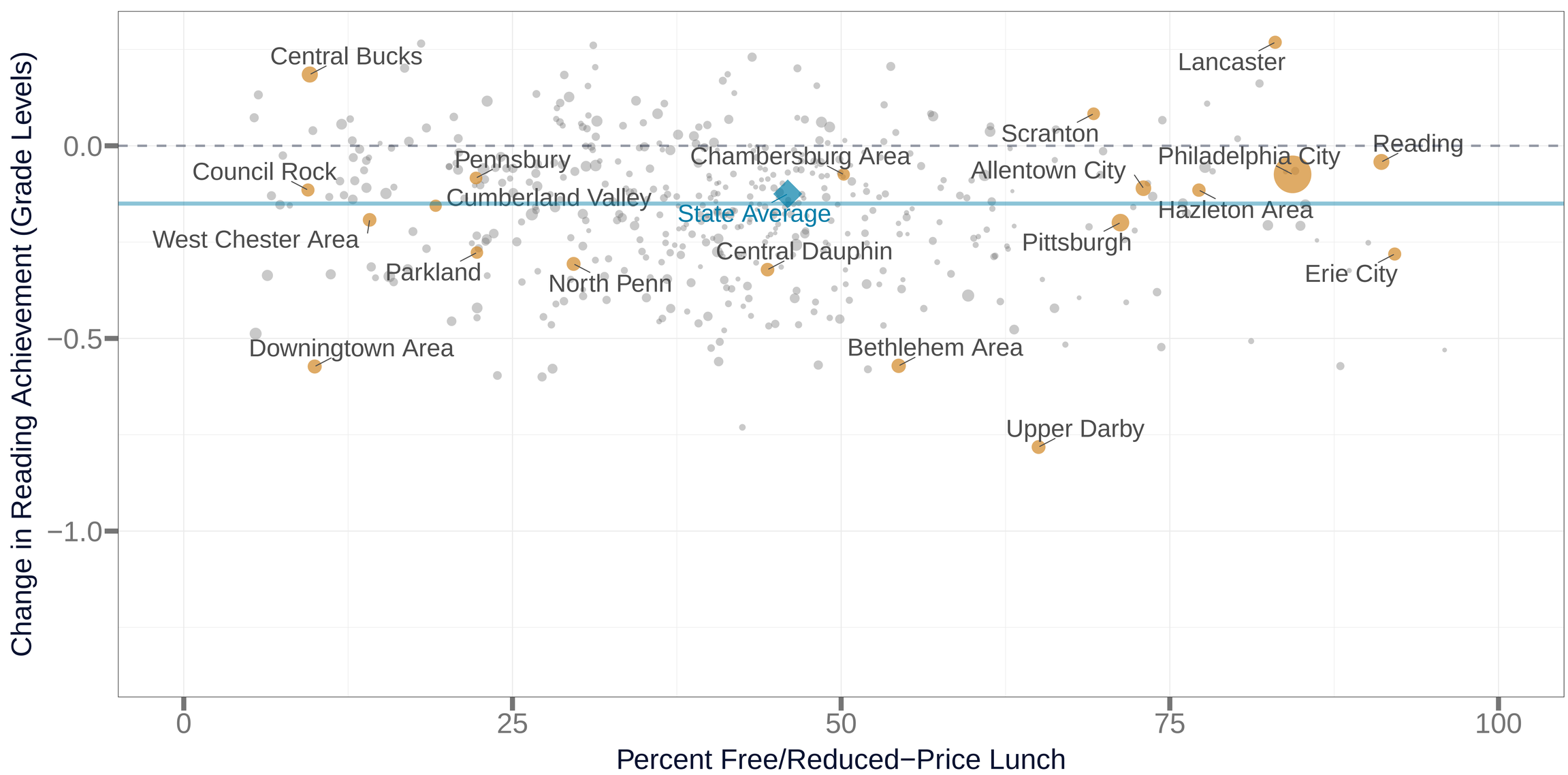
Change in Math Achievement 2022−2024
by Percent FRPL in Pennsylvania Districts



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 Pennsylvania Districts



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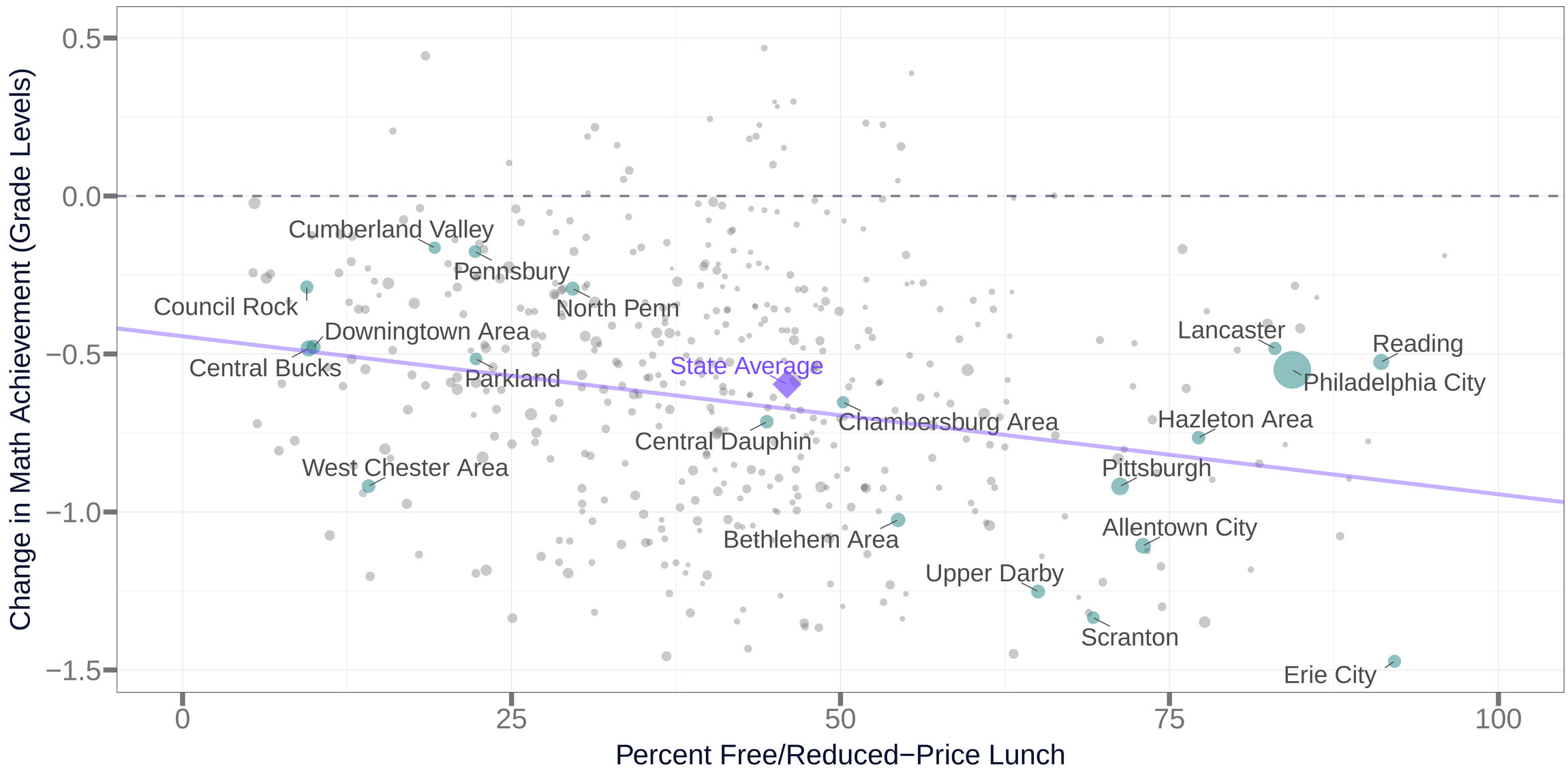
Change in Math Achievement 2019−2024
by Percent FRPL in Pennsylvania Districts



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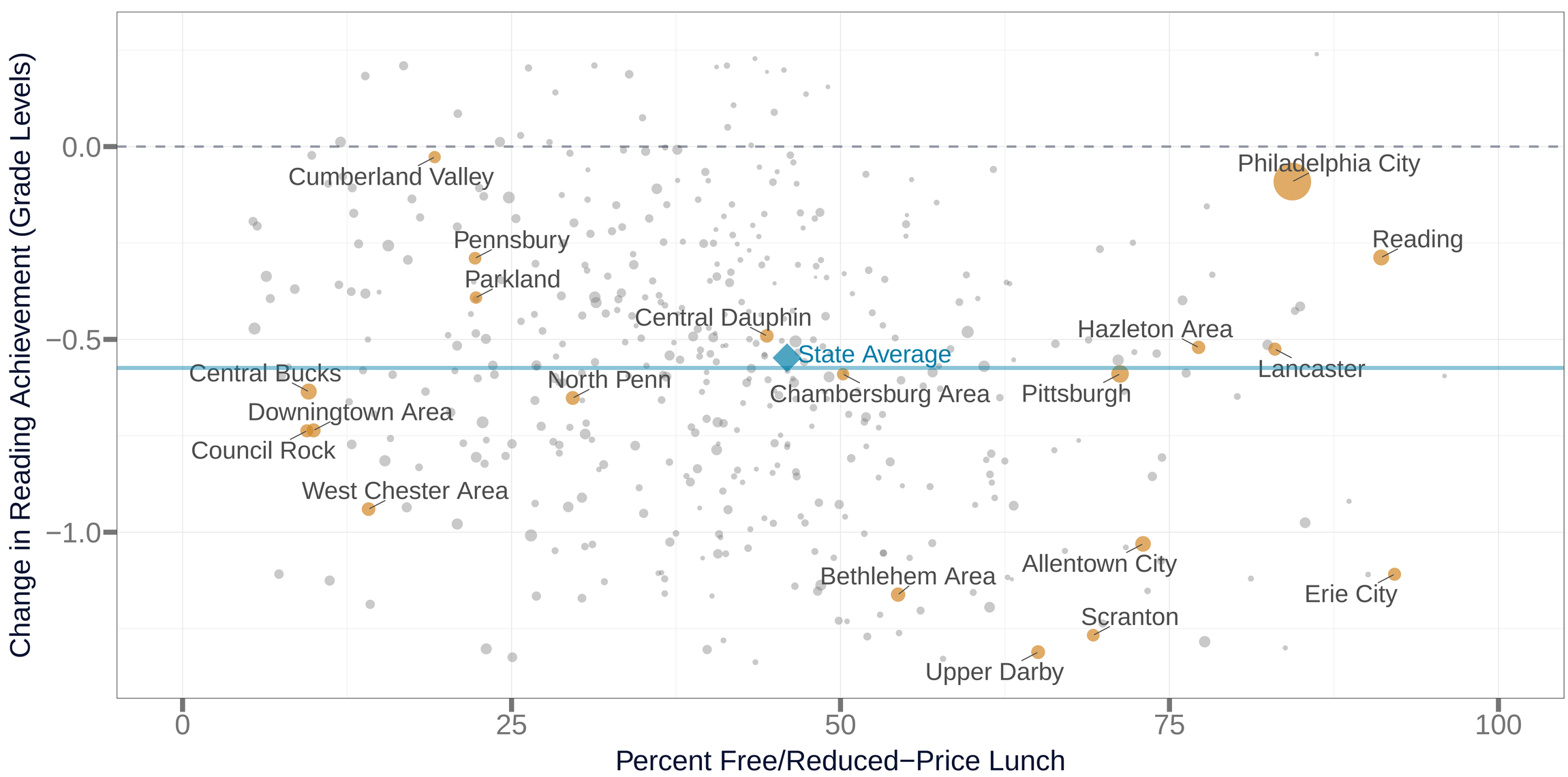
Change in Reading Achievement 2019−2024
by Percent FRPL in Pennsylvania Districts



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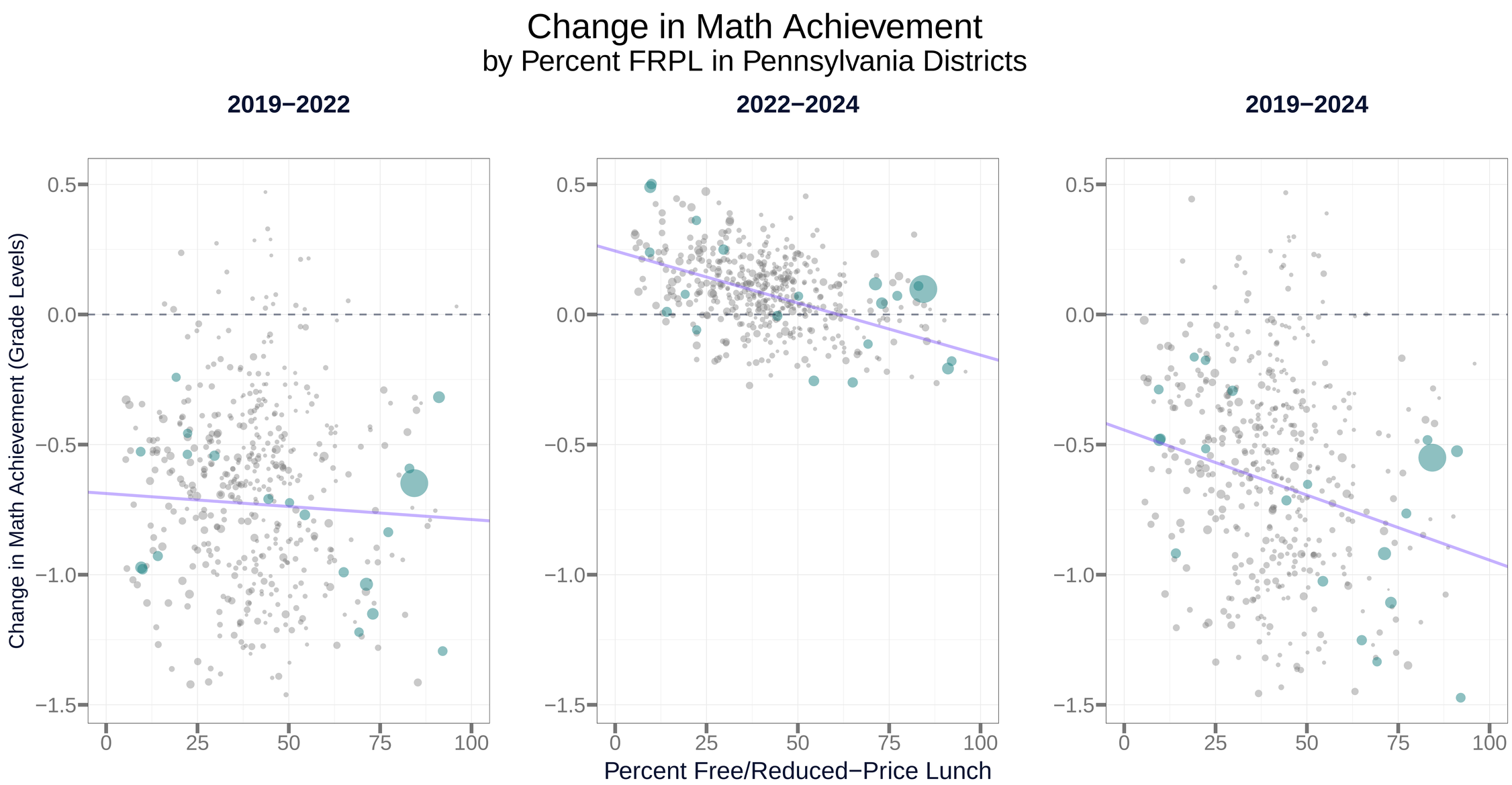

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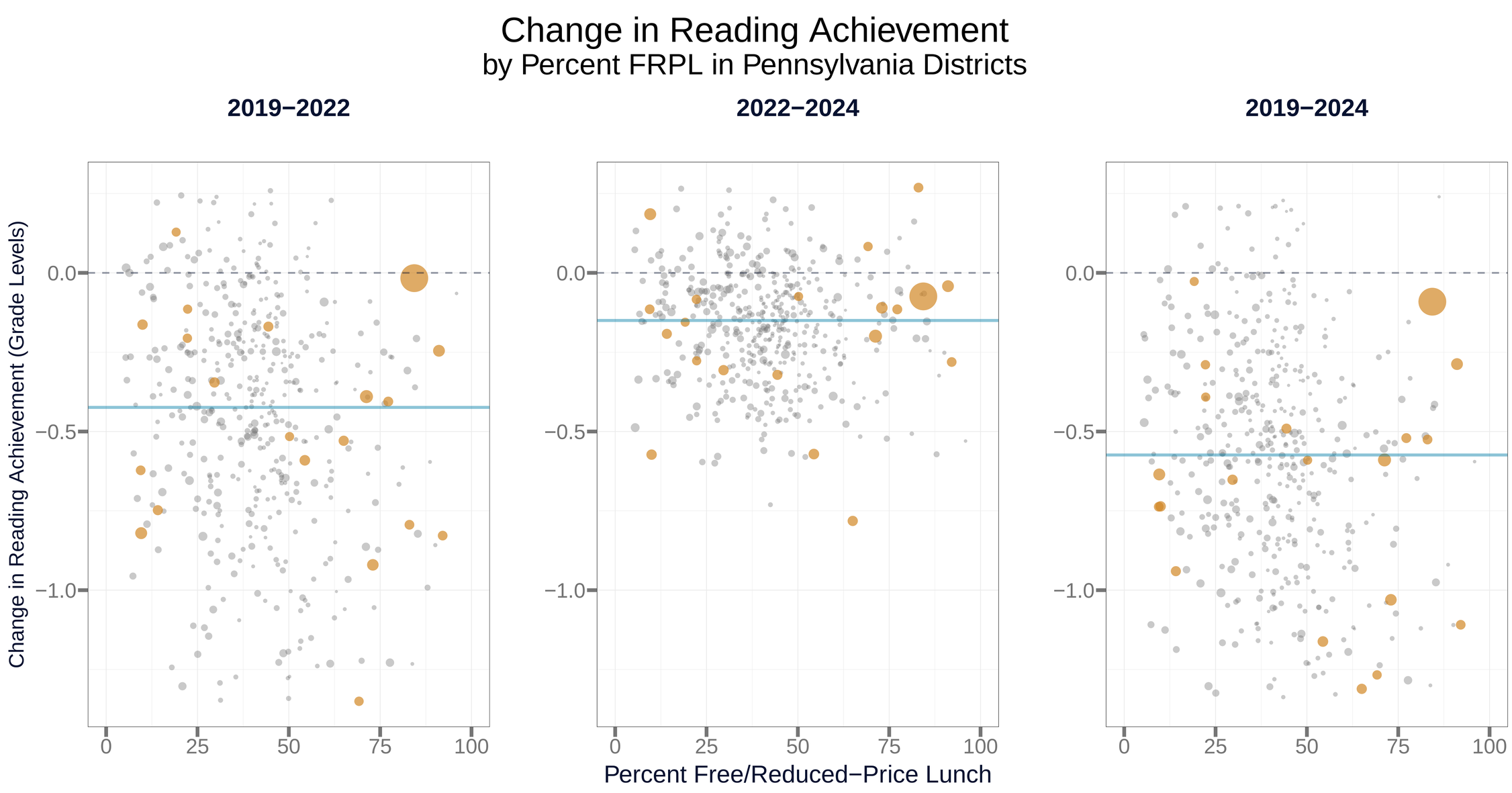

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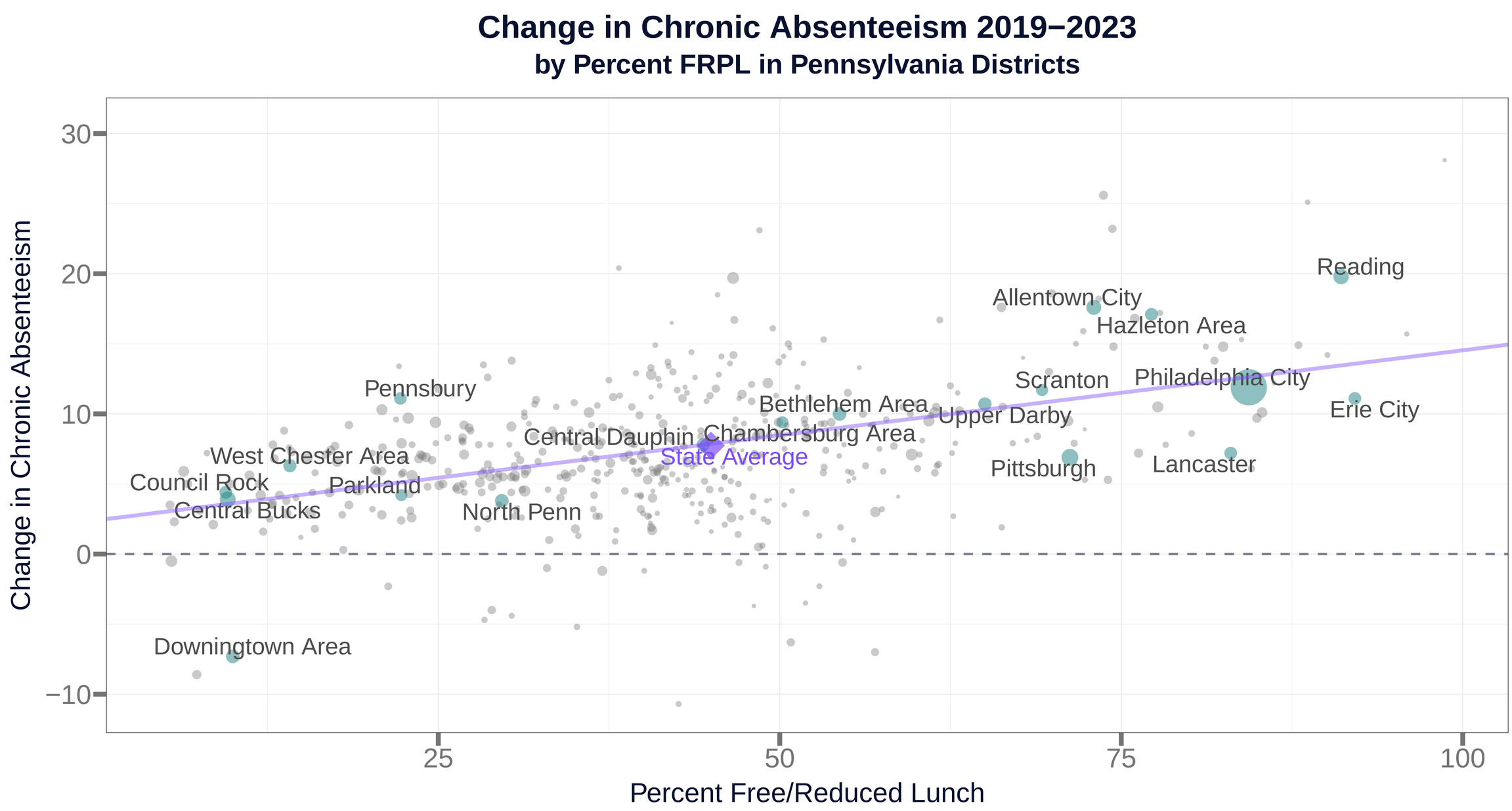

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