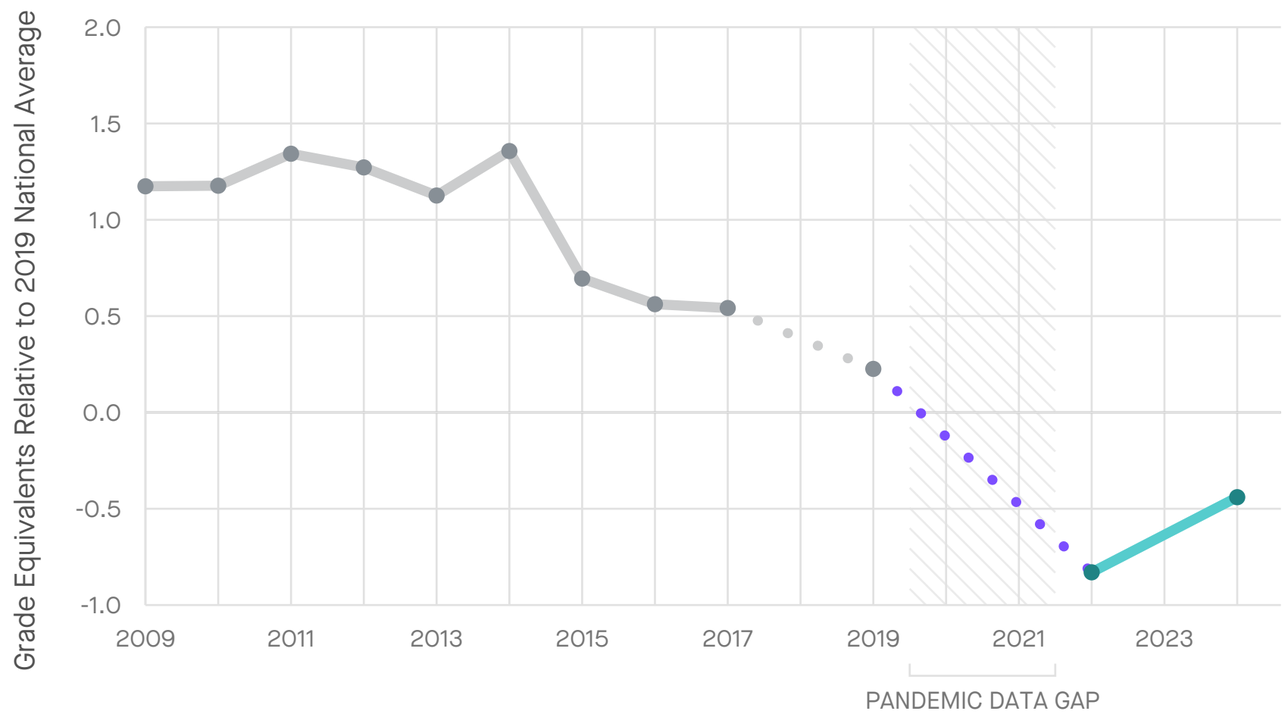
Anne Arundel County Public Schools, MD

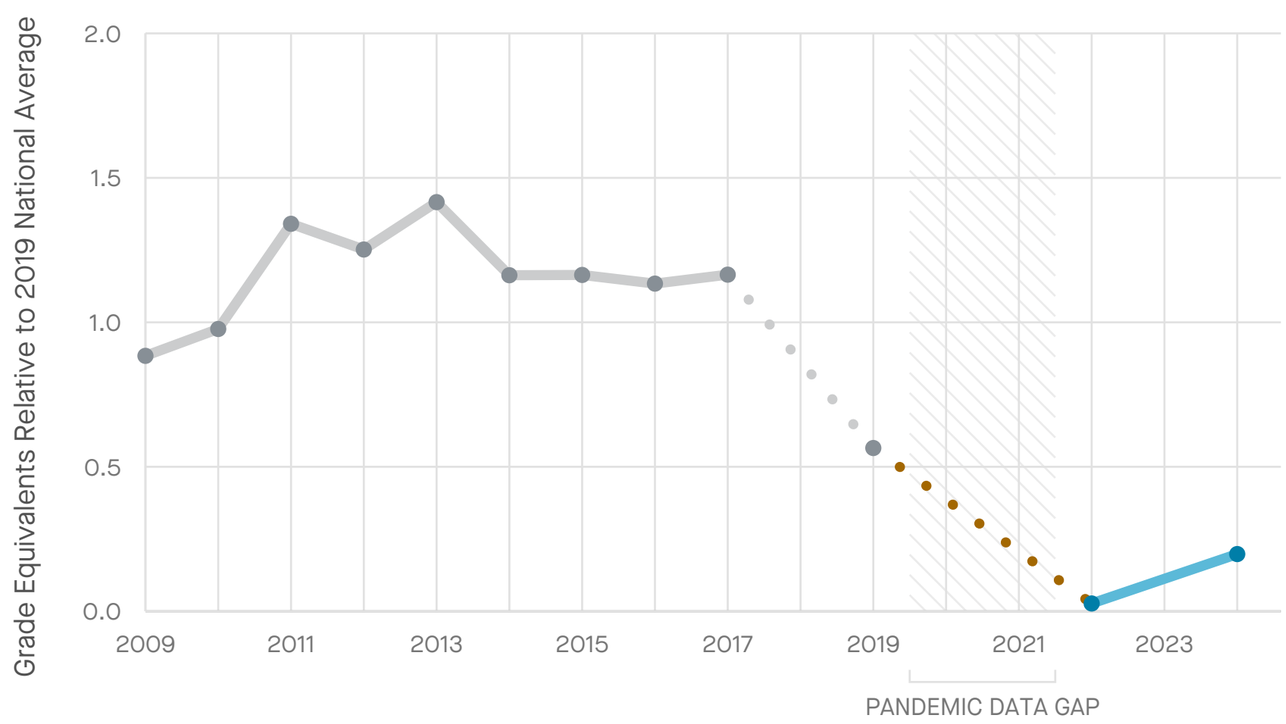
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	0.23
2022 Average	-0.83
2024 Average	-0.44
2019-2022 Change	-1.06
2022-2024 Change	+0.39
Since 2019	-0.67

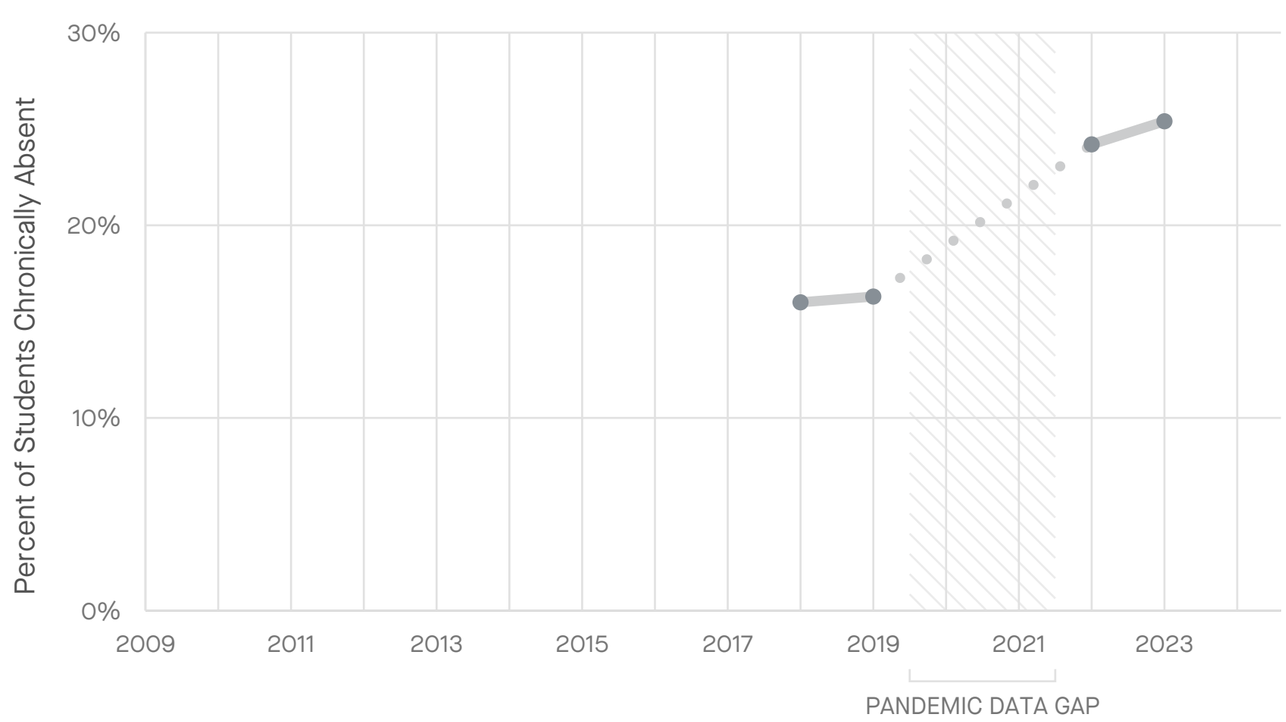
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	0.56
2022 Average	0.03
2024 Average	0.20
2019-2022 Change	-0.54
2022-2024 Change	+0.17
Since 2019	-0.37

Absenteeism, Grades 3-8, 2009-2024



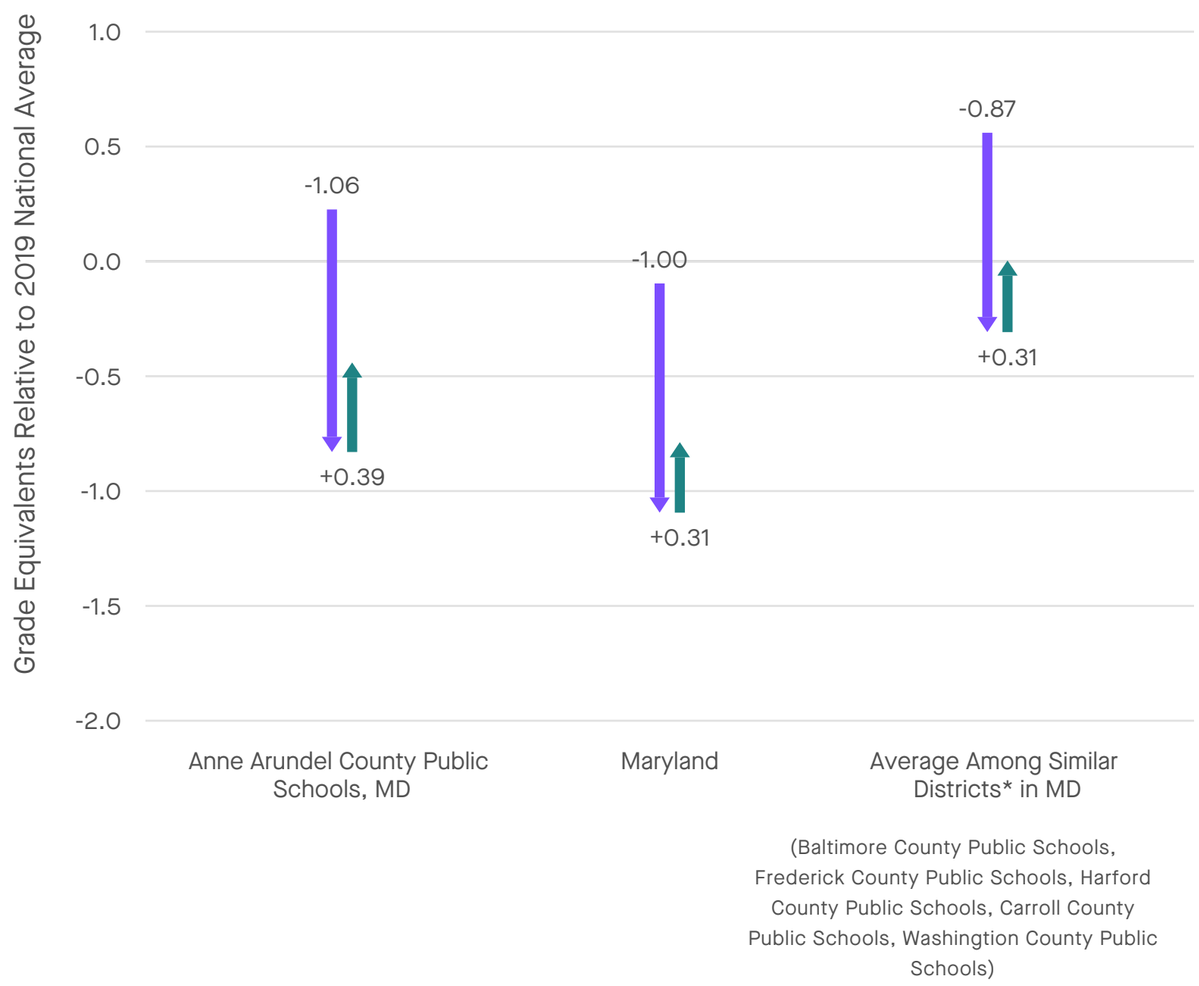
Absenteeism

2019-2023 Change	+0.09
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Anne Arundel County Public Schools, MD

Math Performance in Anne Arundel County Public Schools vs. Maryland and Similar Districts, Grades 3-8, 2019-2024



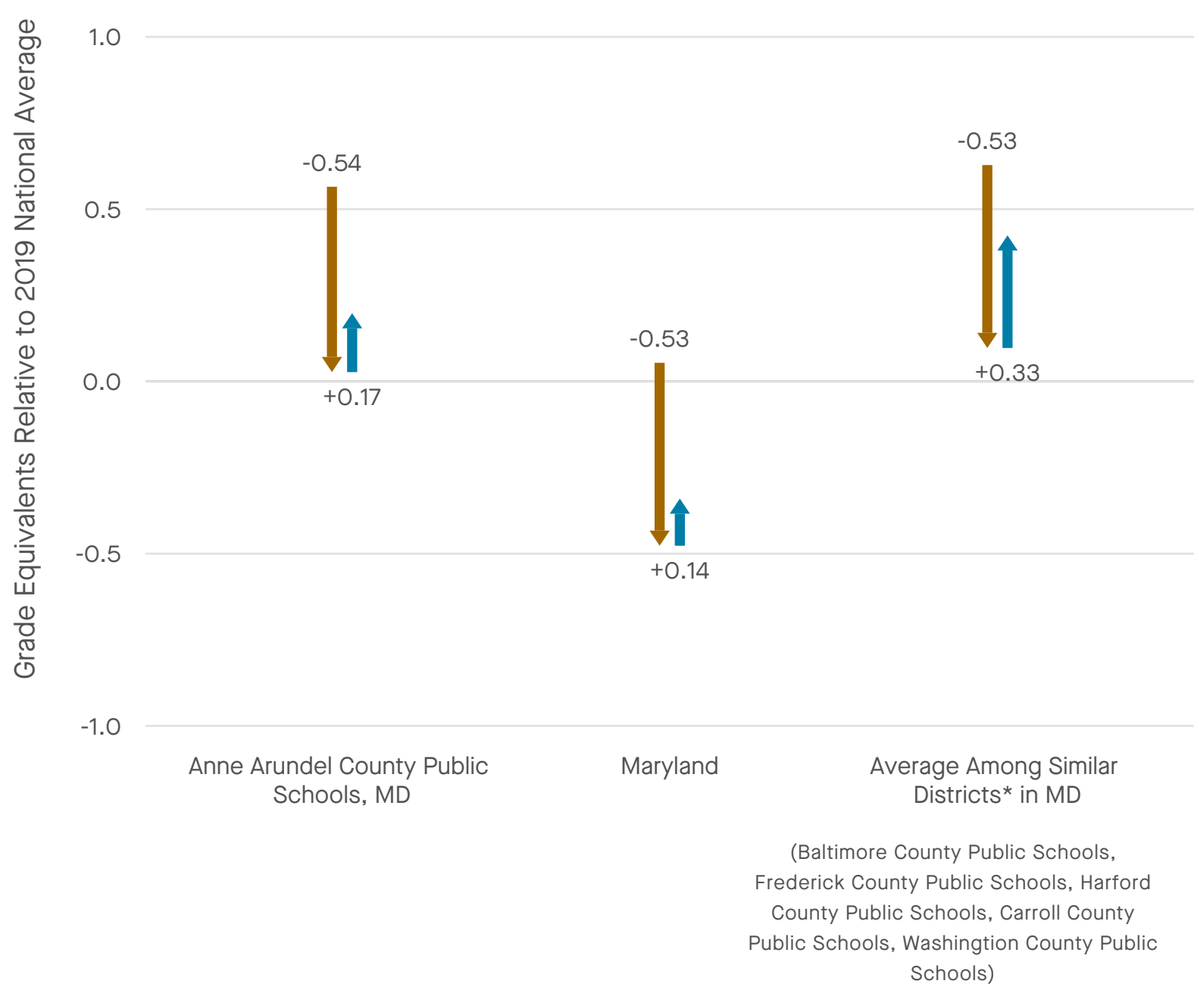
Average Math Scores and Trends in Scores

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
Anne Arundel County Public Schools, MD	0.23	-0.83	-0.44	↓ -1.06	↑ 0.39	↓ -0.67
Maryland	-0.10	-1.09	-0.79	↓ -1.00	↑ 0.31	↓ -0.69
Similar Districts* in Maryland	0.56	-0.31	0.00	↓ -0.87	↑ 0.31	↓ -0.56

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

Reading Performance in Anne Arundel County Public Schools vs. Maryland and Similar Districts, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

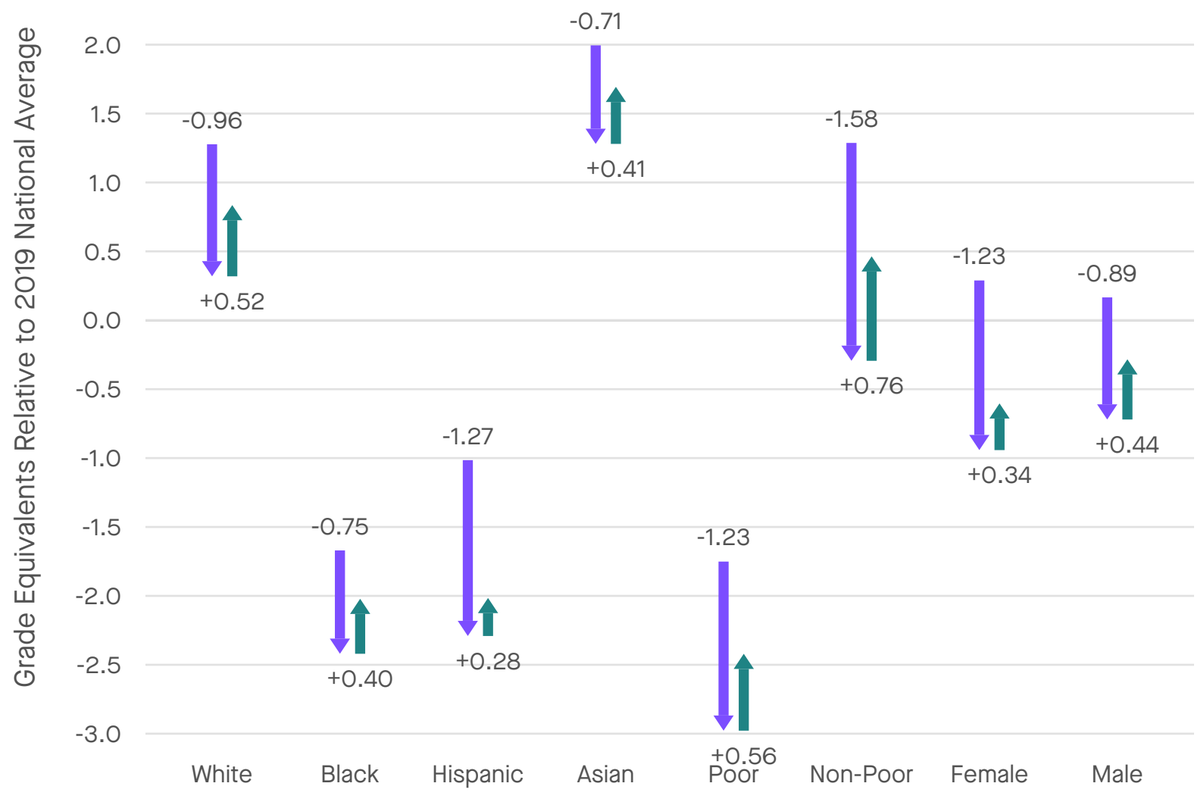
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Anne Arundel County Public Schools, MD	0.56	0.03	0.20	↓ -0.54	↑ 0.17	↓ -0.37
Maryland	0.05	-0.48	-0.34	↓ -0.53	↑ 0.14	↓ -0.39
Similar Districts* in Maryland	0.63	0.10	0.42	↓ -0.53	↑ 0.33	↓ -0.20

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

Anne Arundel County Public Schools, MD

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

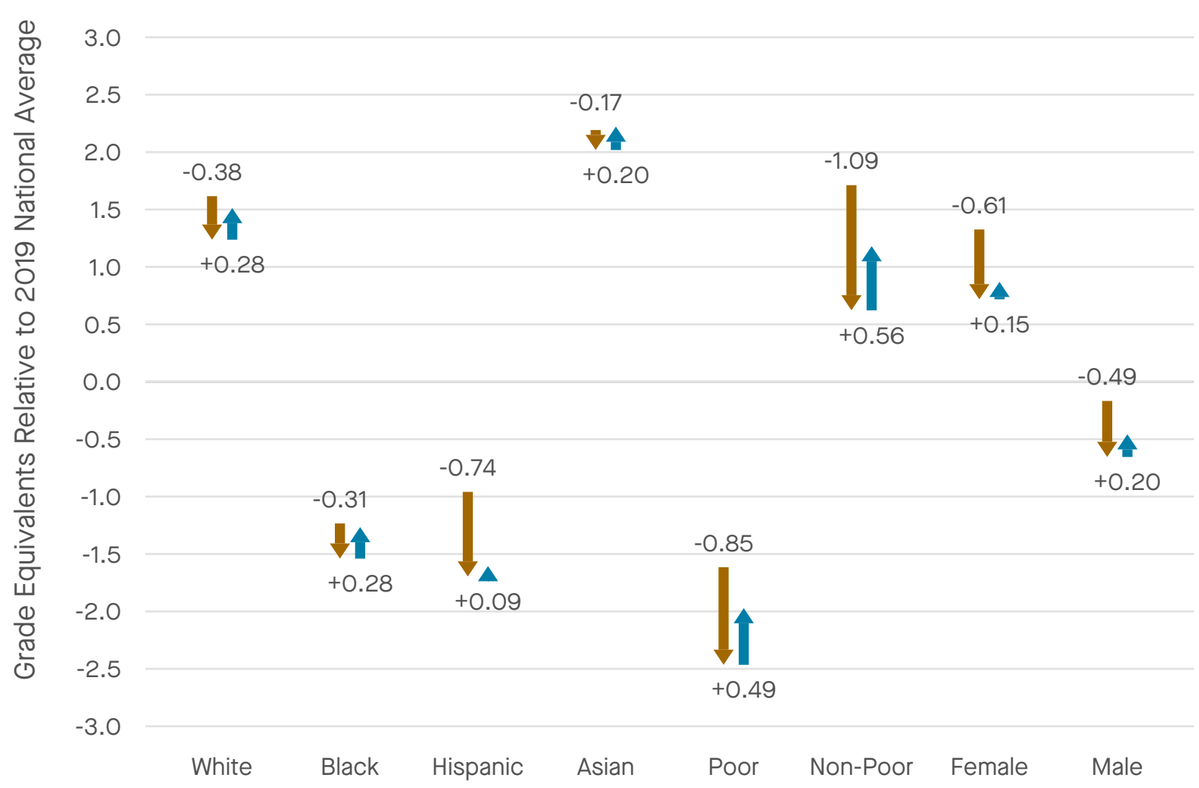


Average Math Scores and Trends in Scores

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	1.28	0.32	0.84	↓ -0.96	↑ 0.52	↓ -0.44
Black	-1.67	-2.42	-2.02	↓ -0.75	↑ 0.40	↓ -0.35
Hispanic	-1.01	-2.29	-2.02	↓ -1.27	↑ 0.28	↓ -1.00
Asian	2.00	1.28	1.69	↓ -0.71	↑ 0.41	↓ -0.30
Poor	-1.75	-2.98	-2.42	↓ -1.23	↑ 0.56	↓ -0.67
Non-Poor	1.29	-0.29	0.46	↓ -1.58	↑ 0.76	↓ -0.82
Female	0.29	-0.94	-0.60	↓ -1.23	↑ 0.34	↓ -0.89
Male	0.17	-0.72	-0.28	↓ -0.89	↑ 0.44	↓ -0.45

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



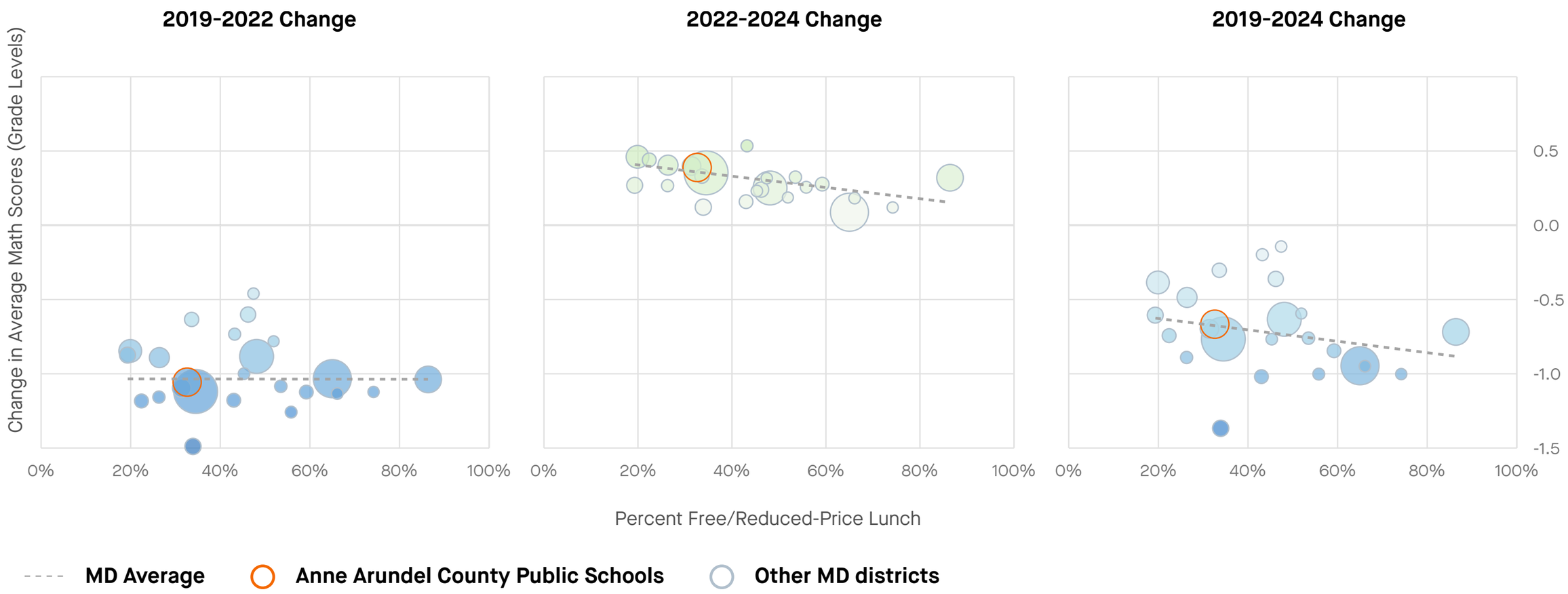
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

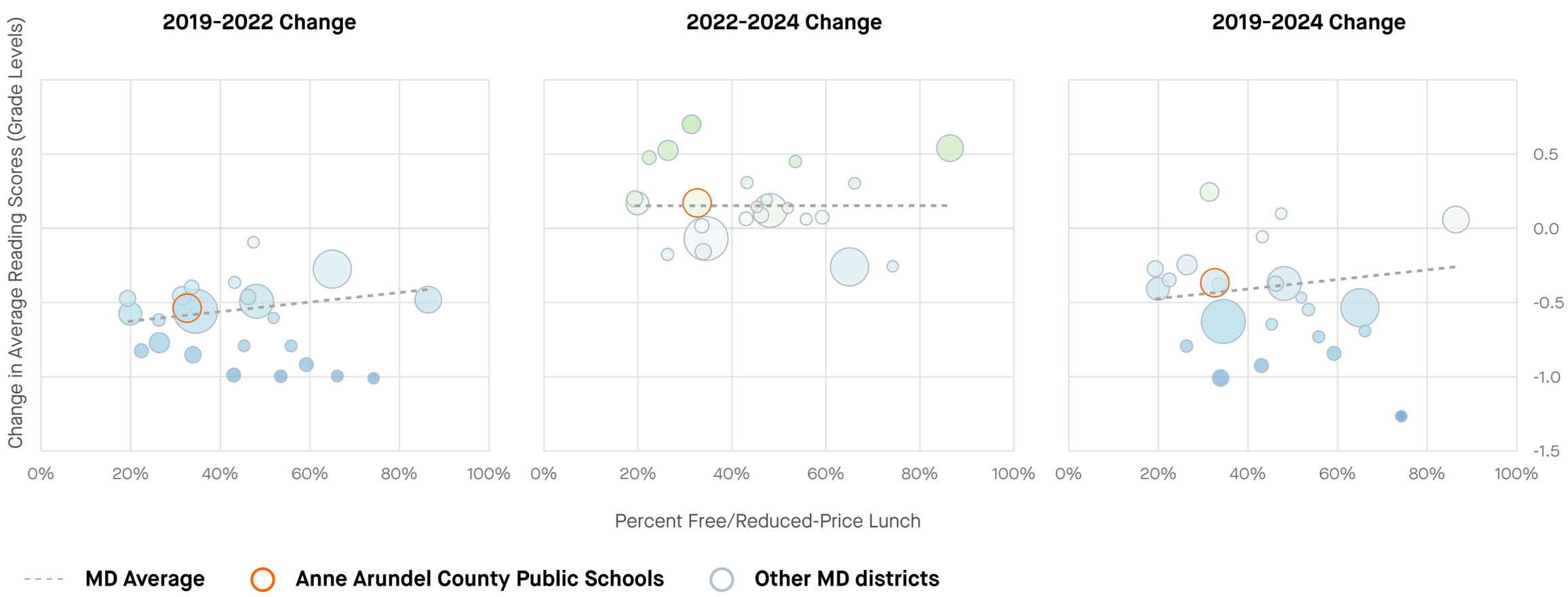
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.62	1.24	1.51	↓ -0.38	↑ 0.28	↓ -0.10
Black	-1.23	-1.54	-1.26	↓ -0.31	↑ 0.28	↓ -0.03
Hispanic	-0.96	-1.70	-1.60	↓ -0.74	↑ 0.09	↓ -0.65
Asian	2.19	2.02	2.22	↓ -0.17	↑ 0.20	↑ 0.03
Poor	-1.61	-2.46	-1.97	↓ -0.85	↑ 0.49	↓ -0.36
Non-Poor	1.71	0.62	1.18	↓ -1.09	↑ 0.56	↓ -0.53
Female	1.33	0.72	0.87	↓ -0.61	↑ 0.15	↓ -0.46
Male	-0.17	-0.66	-0.46	↓ -0.49	↑ 0.20	↓ -0.29

Anne Arundel County Public Schools, MD

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

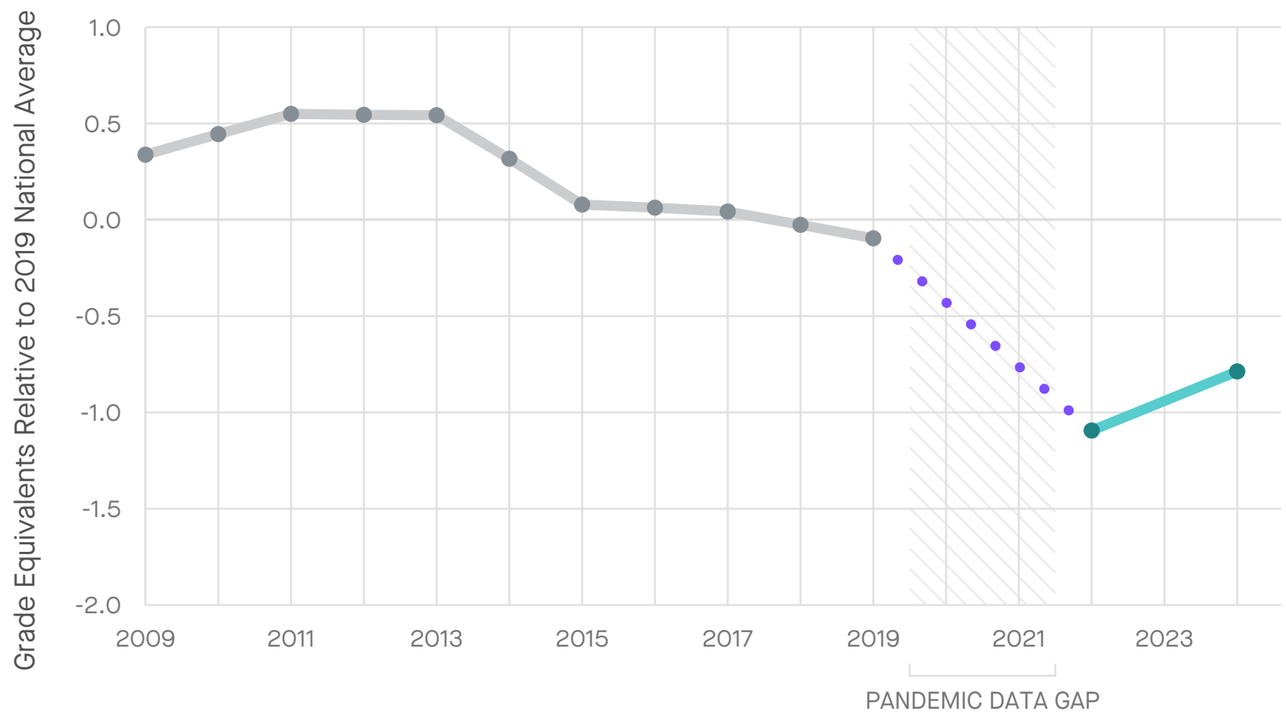


Change in Reading Performance in Maryland Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Maryland

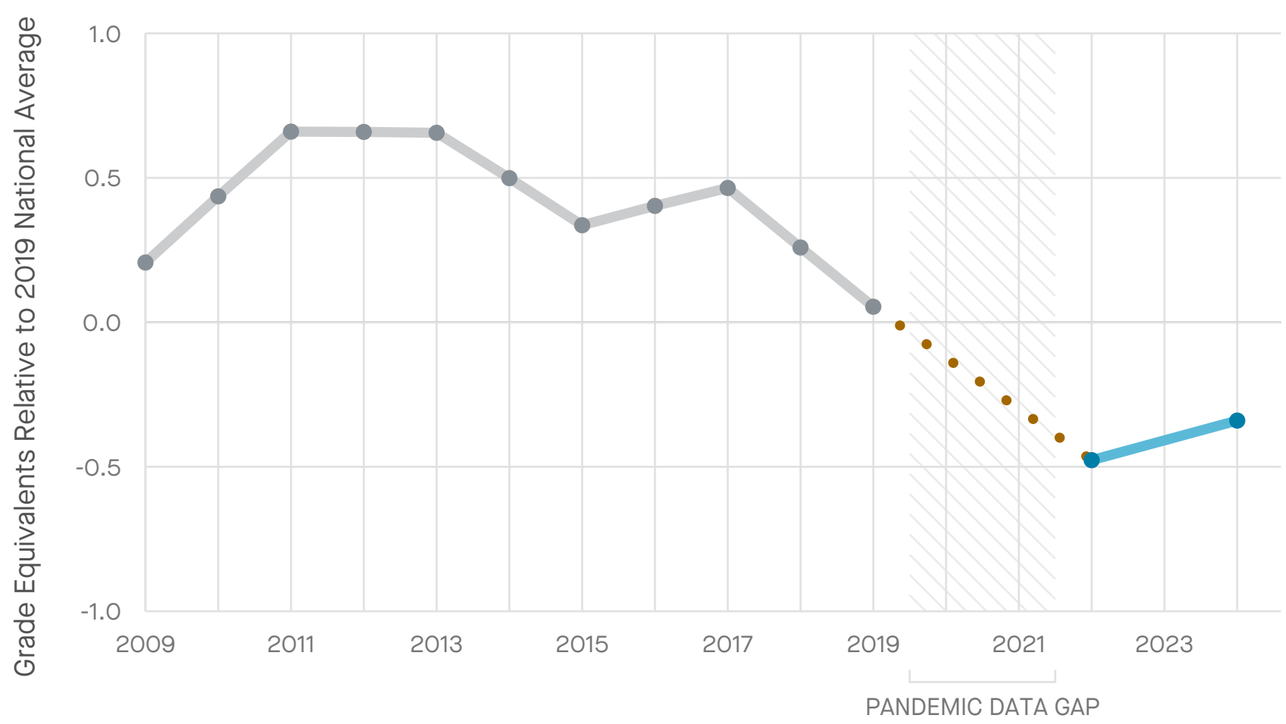
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	-0.10
2022 Average	-1.09
2024 Average	-0.79
2019-2022 Change	-1.00
2022-2024 Change	+0.31
Since 2019	-0.69

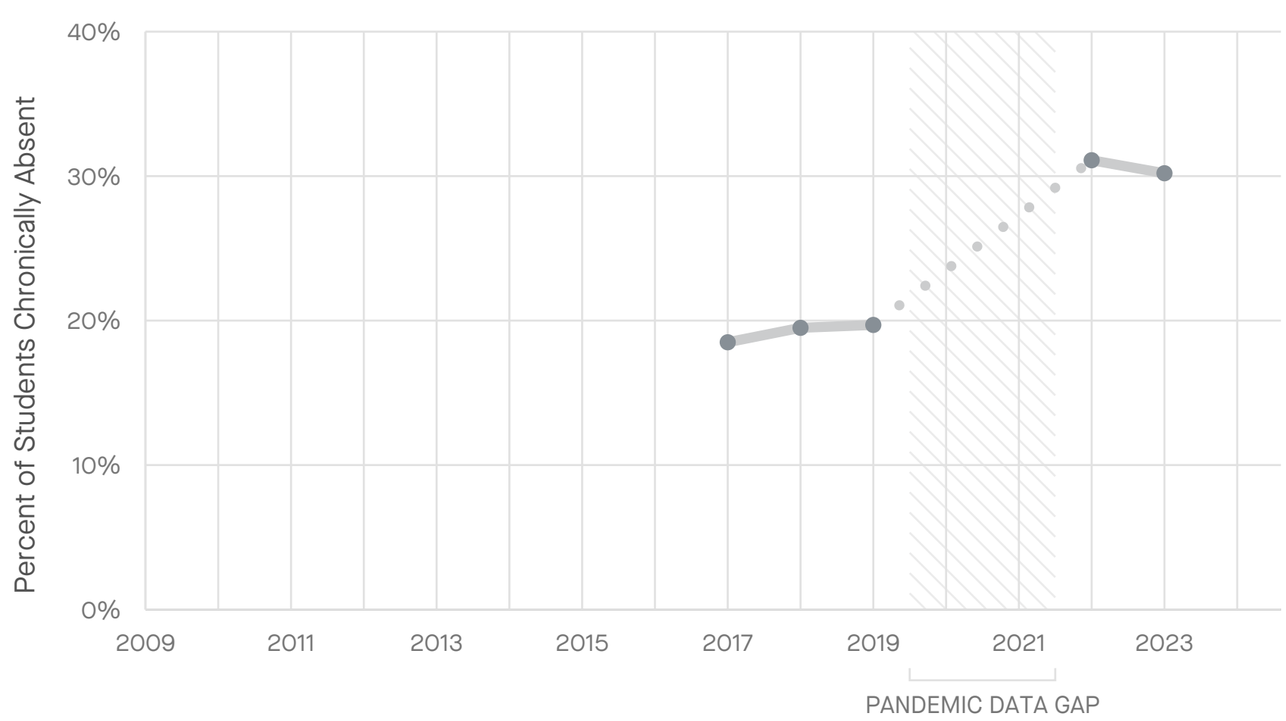
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	0.05
2022 Average	-0.48
2024 Average	-0.34
2019-2022 Change	-0.53
2022-2024 Change	+0.14
Since 2019	-0.39

Absenteeism, Grades 3-8, 2009-2024



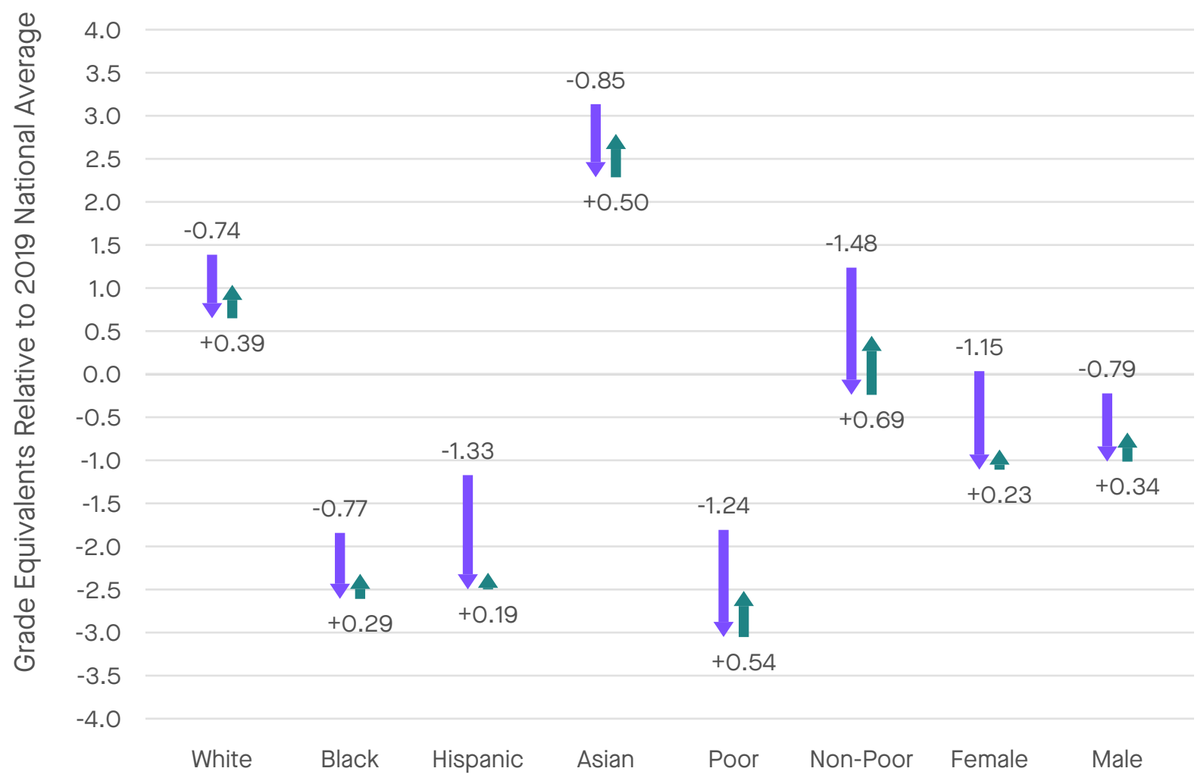
Absenteeism

2019-2023 Change	+0.10
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Maryland

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

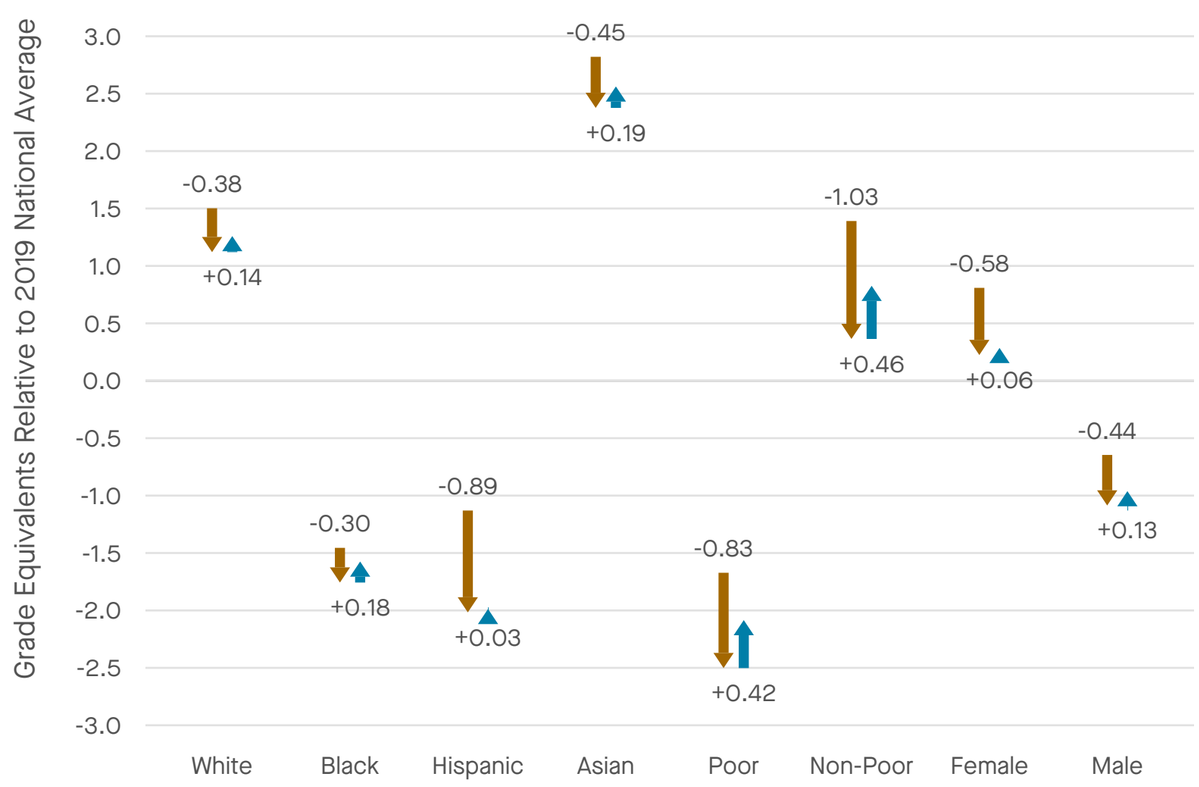


Average Math Scores and Trends in Scores

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	1.39	0.65	1.04	-0.74	0.39	-0.35
Black	-1.84	-2.61	-2.32	-0.77	0.29	-0.47
Hispanic	-1.17	-2.50	-2.31	-1.33	0.19	-1.13
Asian	3.13	2.29	2.79	-0.85	0.50	-0.34
Poor	-1.81	-3.05	-2.52	-1.24	0.54	-0.71
Non-Poor	1.24	-0.24	0.45	-1.48	0.69	-0.79
Female	0.04	-1.11	-0.87	-1.15	0.23	-0.91
Male	-0.22	-1.01	-0.68	-0.79	0.34	-0.45

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

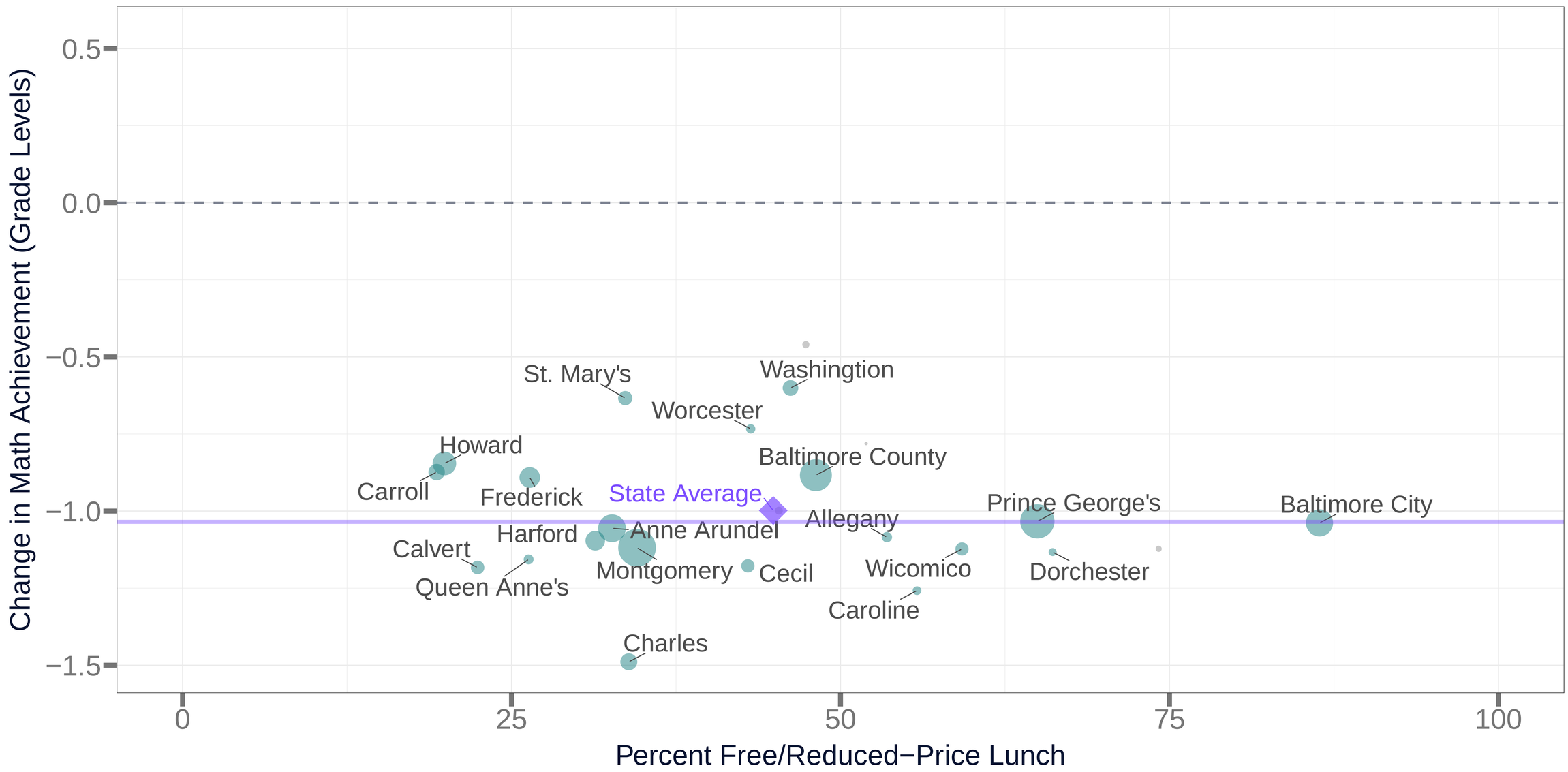


Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

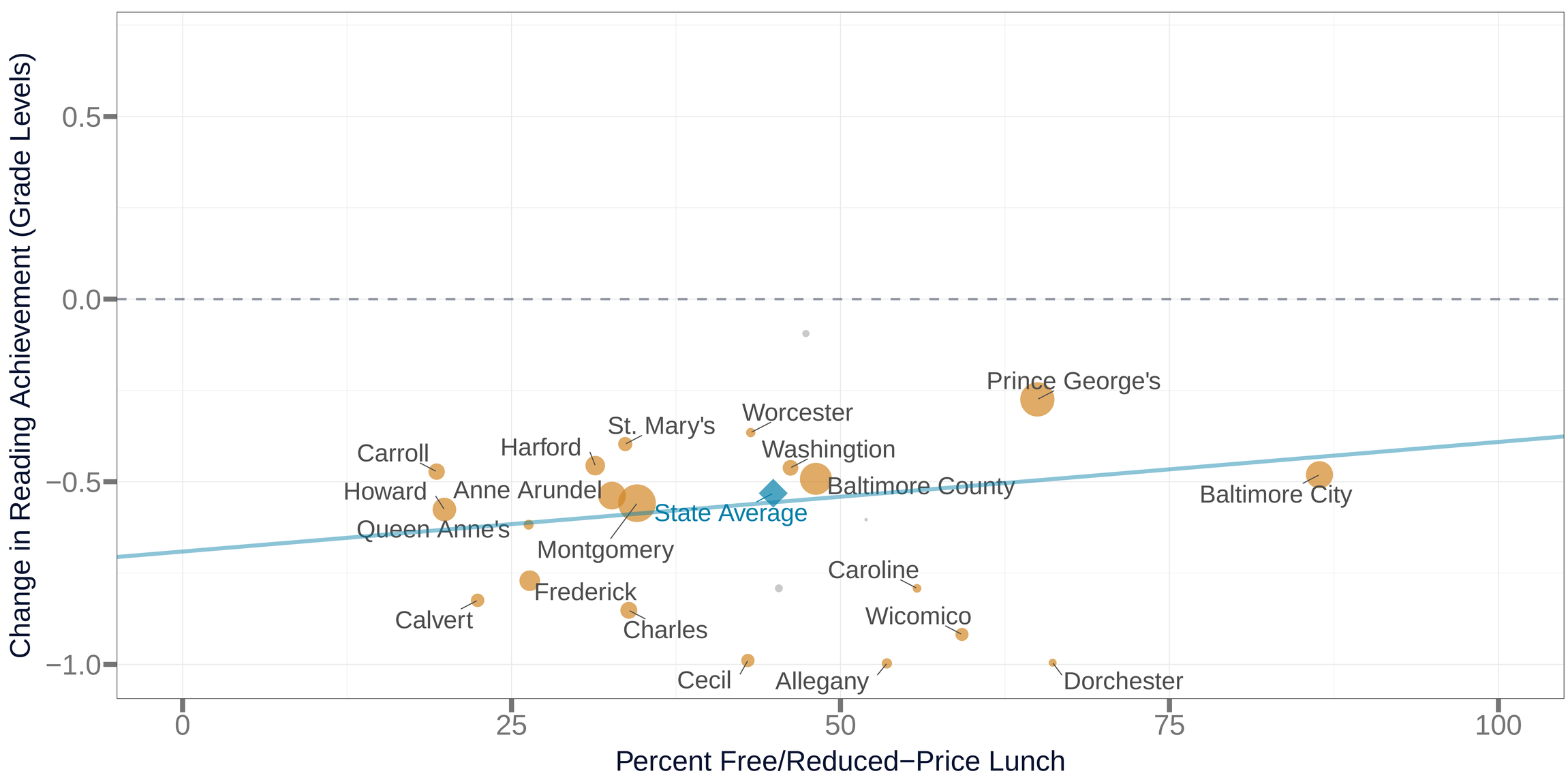
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.50	1.12	1.26	-0.38	0.14	-0.24
Black	-1.46	-1.76	-1.57	-0.30	0.18	-0.12
Hispanic	-1.13	-2.02	-1.99	-0.89	0.03	-0.86
Asian	2.82	2.38	2.56	-0.45	0.19	-0.26
Poor	-1.67	-2.50	-2.08	-0.83	0.42	-0.41
Non-Poor	1.39	0.36	0.83	-1.03	0.46	-0.56
Female	0.81	0.22	0.29	-0.58	0.06	-0.52
Male	-0.65	-1.09	-0.96	-0.44	0.13	-0.32

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



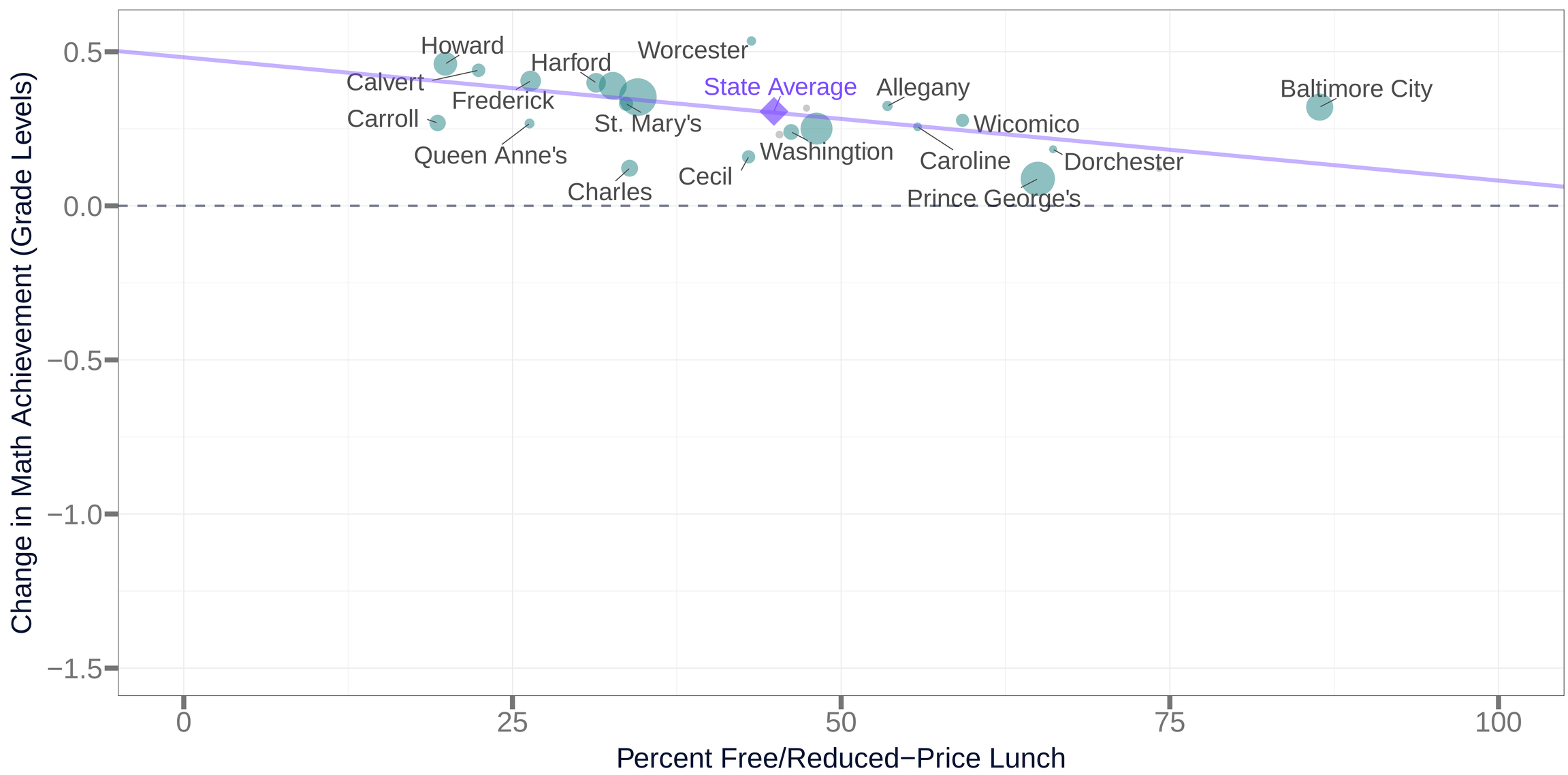
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



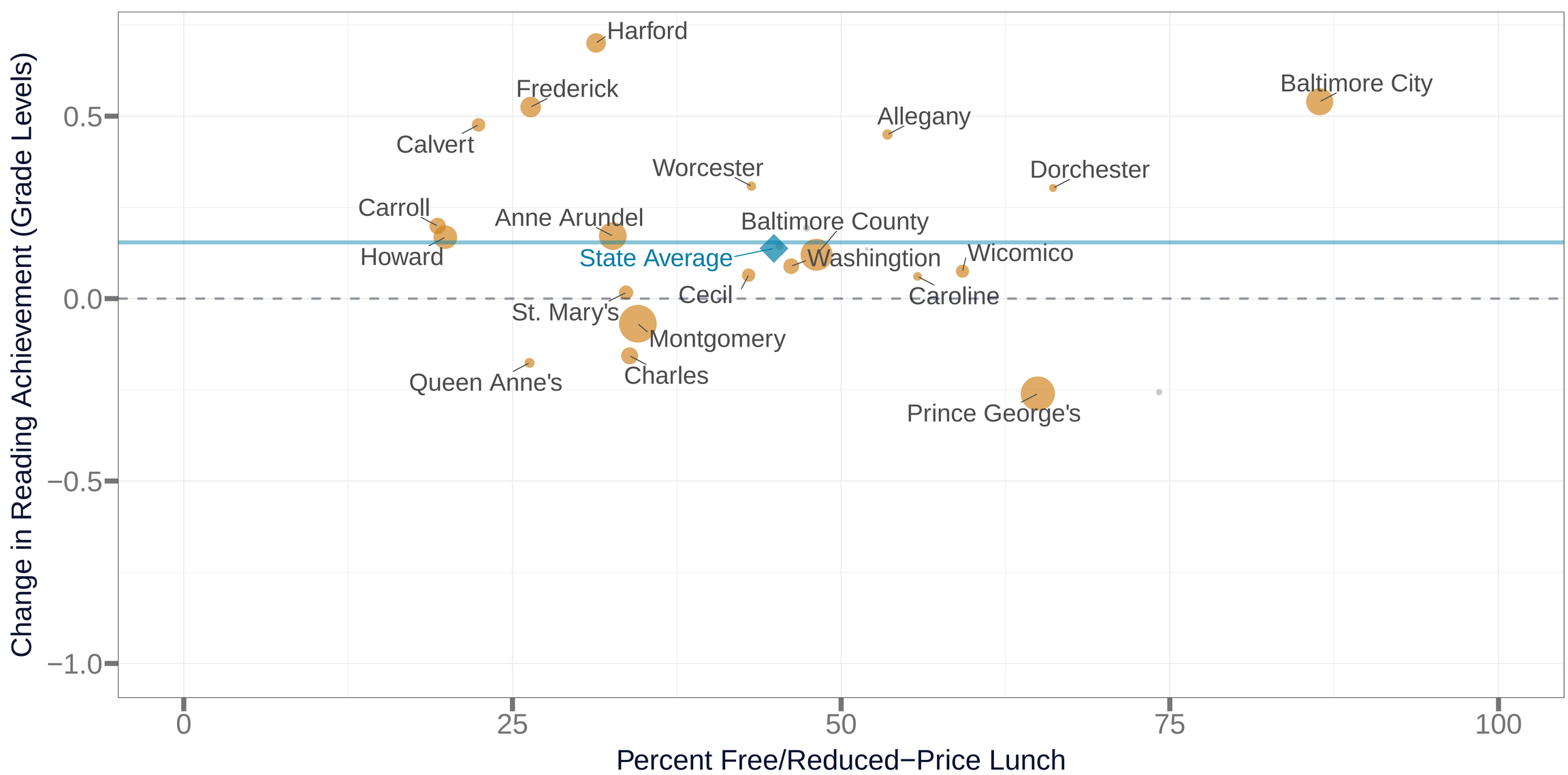
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



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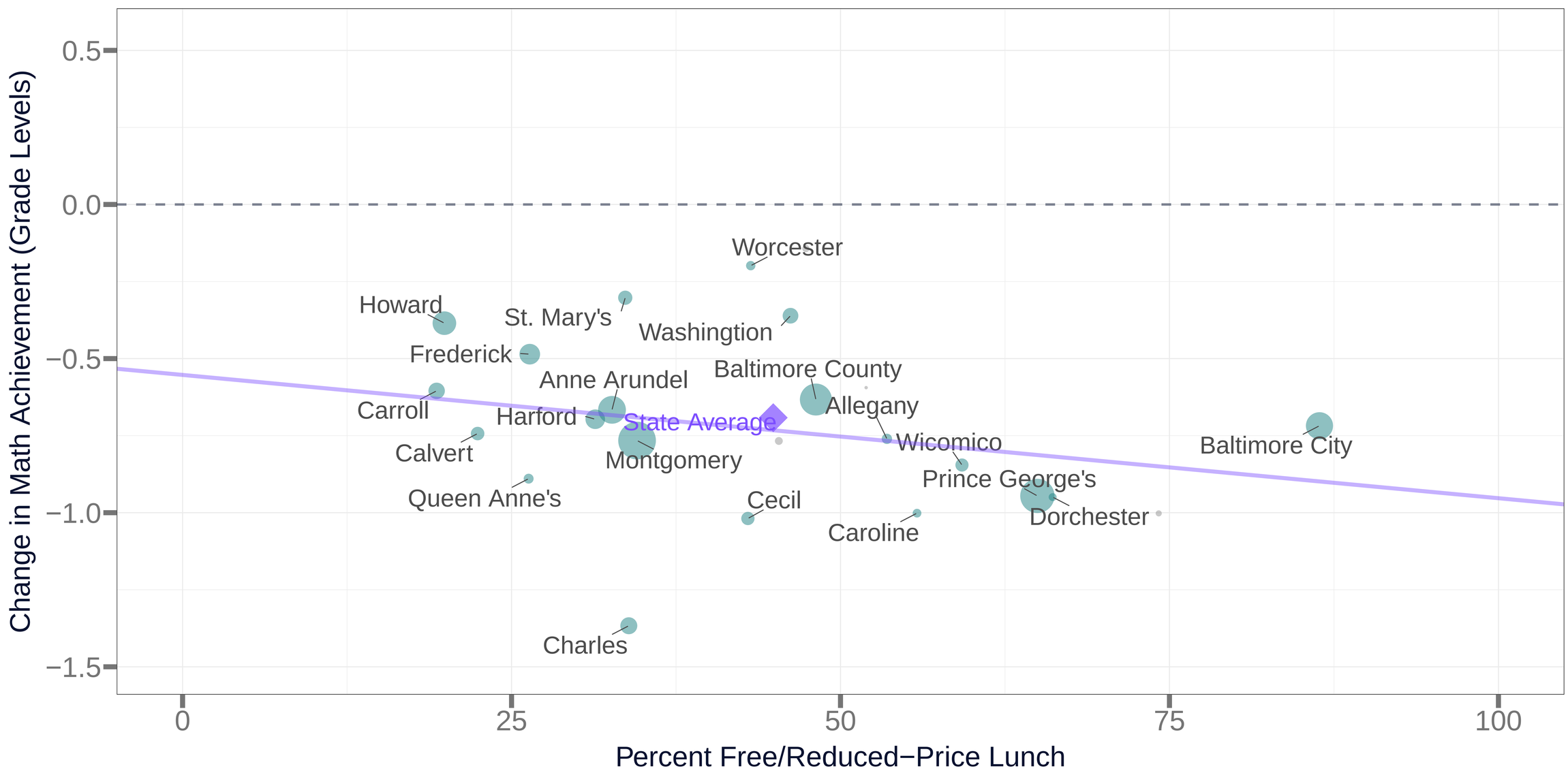
Change in Math Achievement 2019−2024
by Percent FRPL in Maryland Districts



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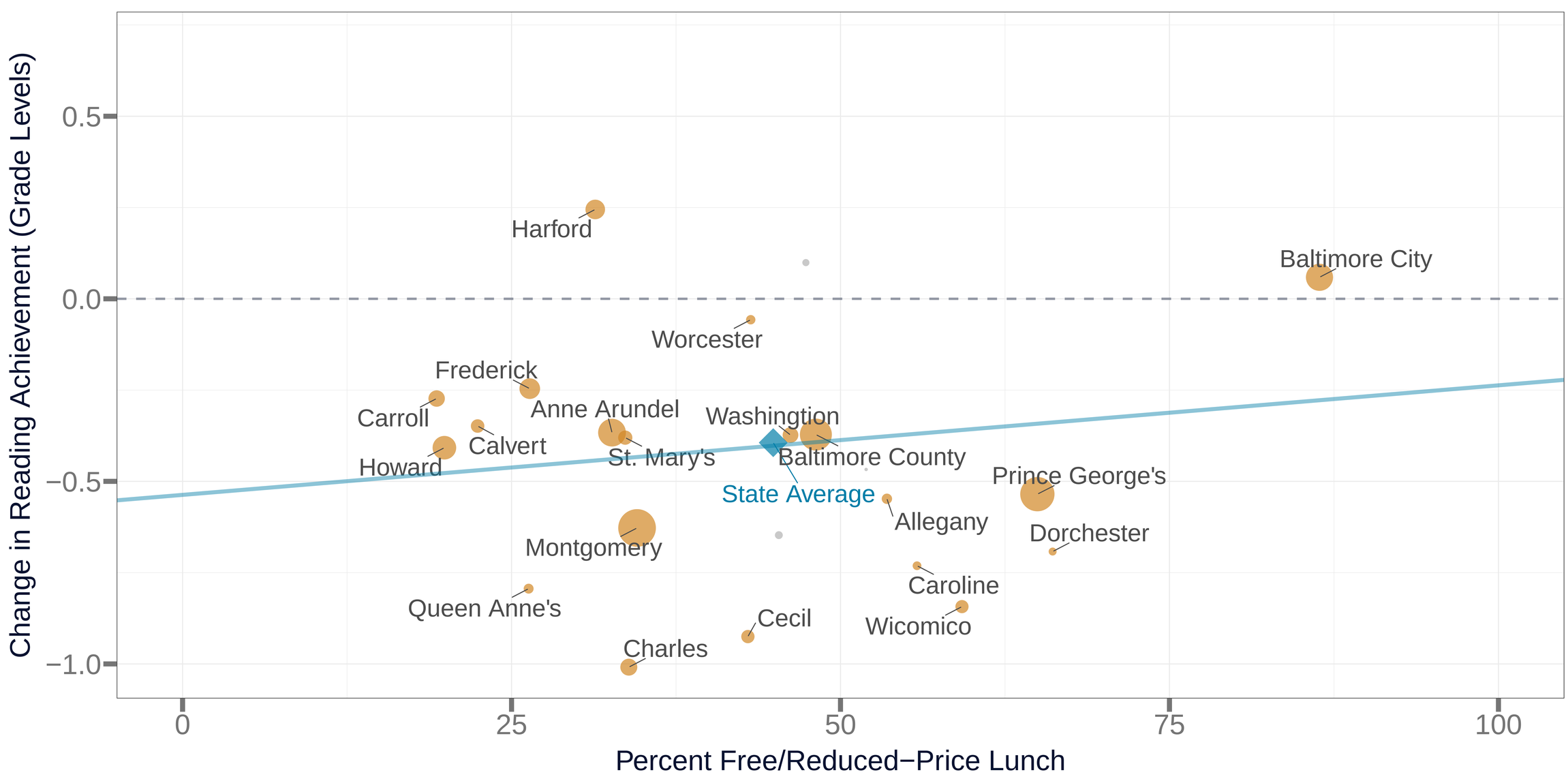
Change in Reading Achievement 2019−2024
by Percent FRPL in Maryland Districts



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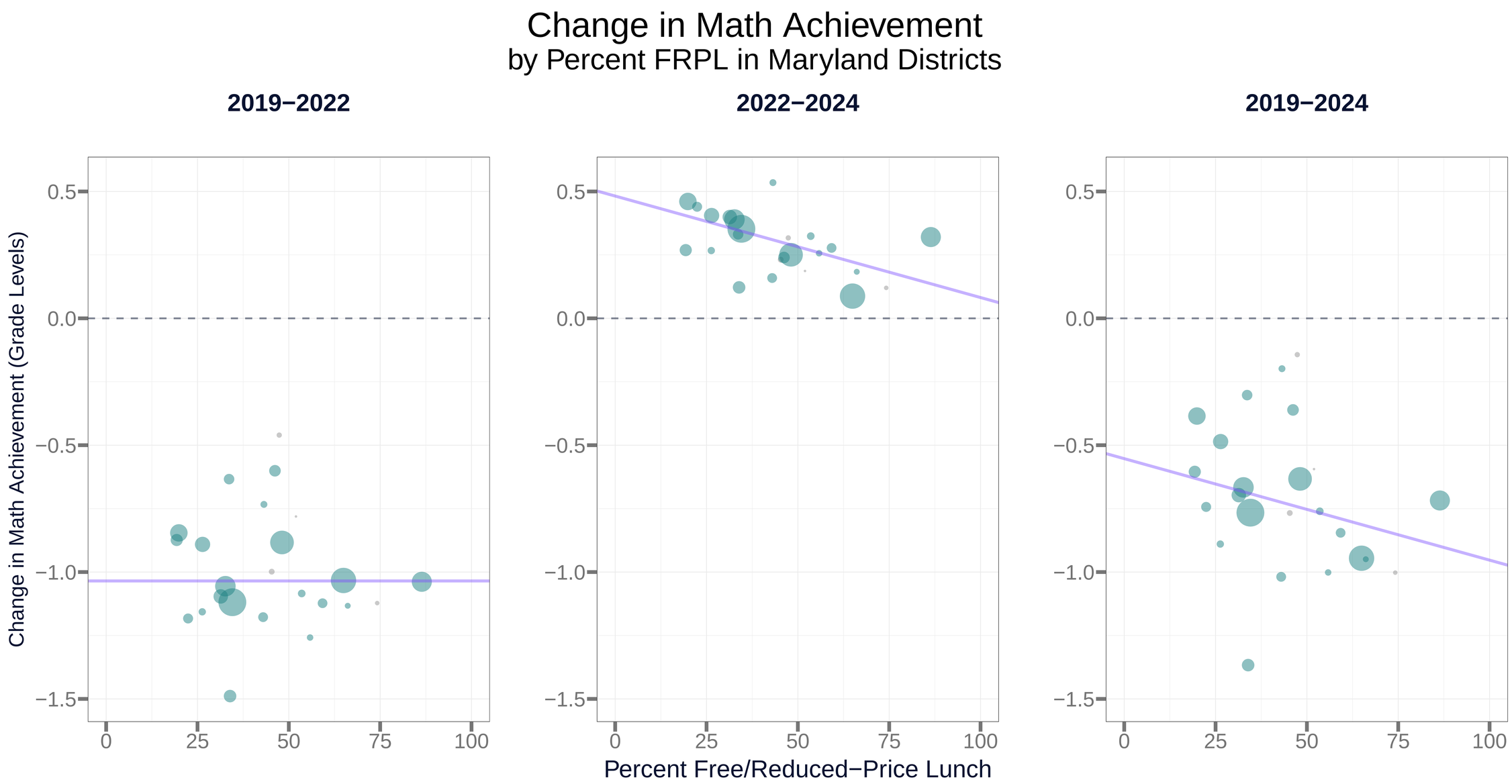

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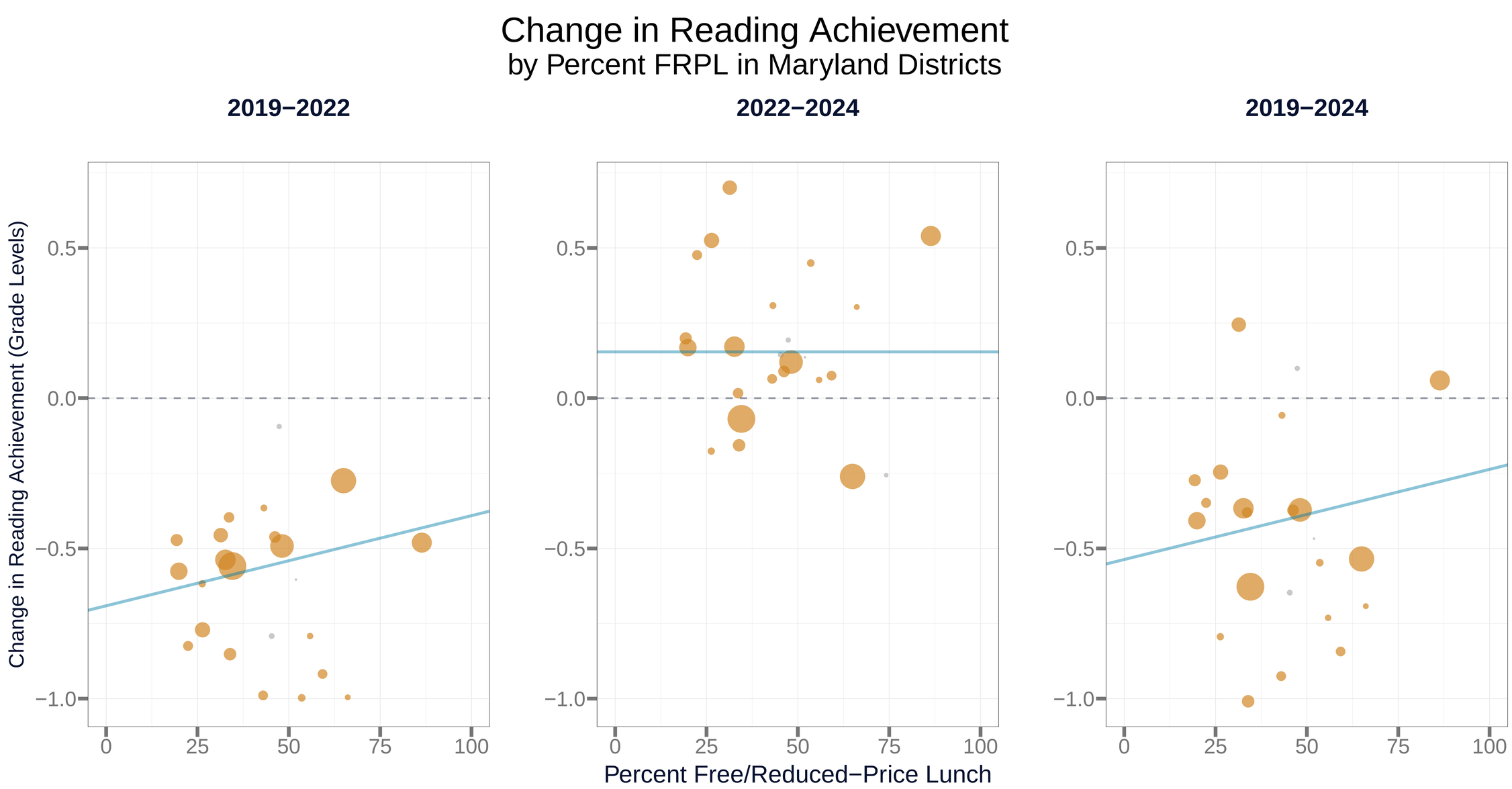

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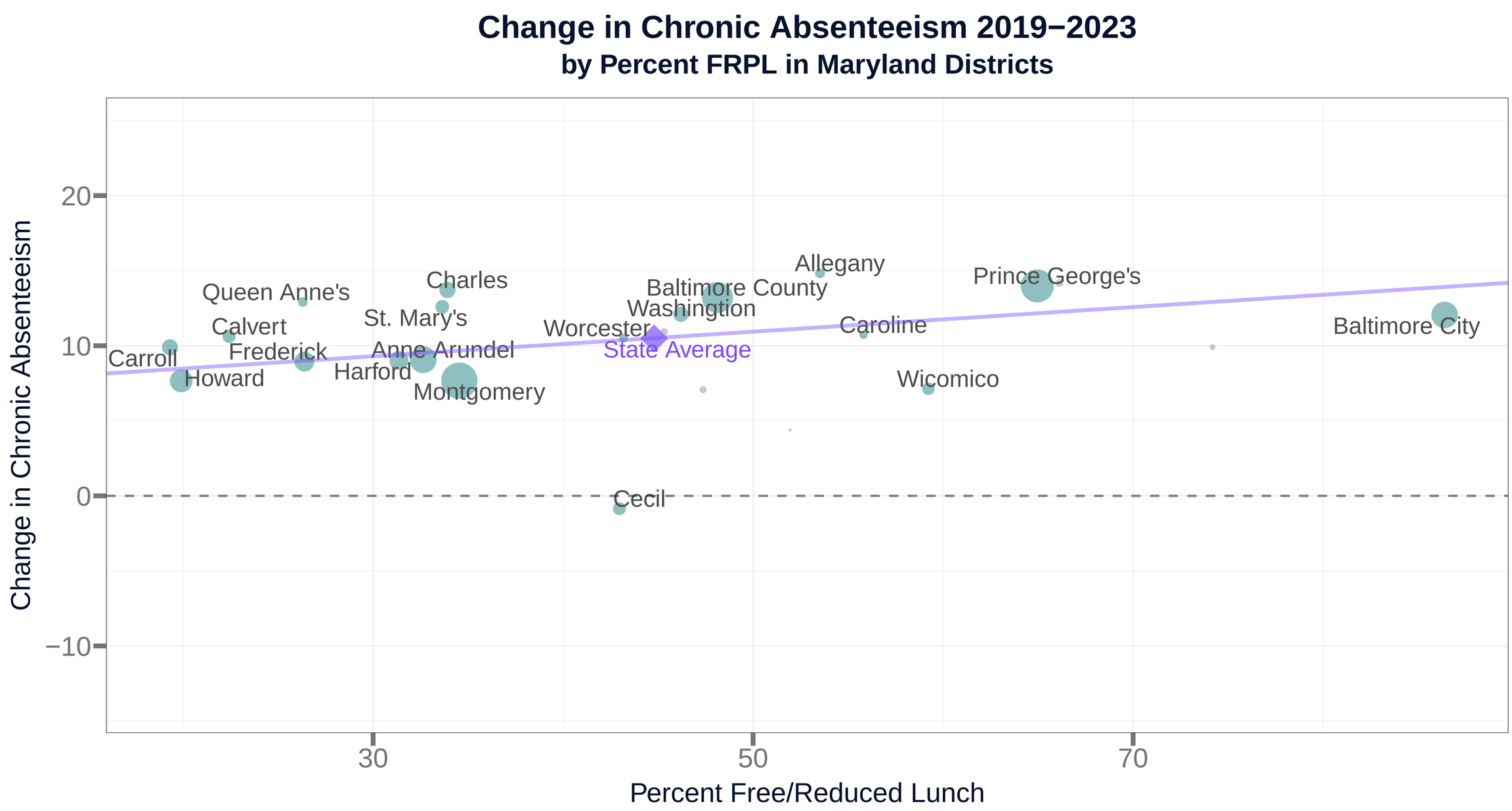

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