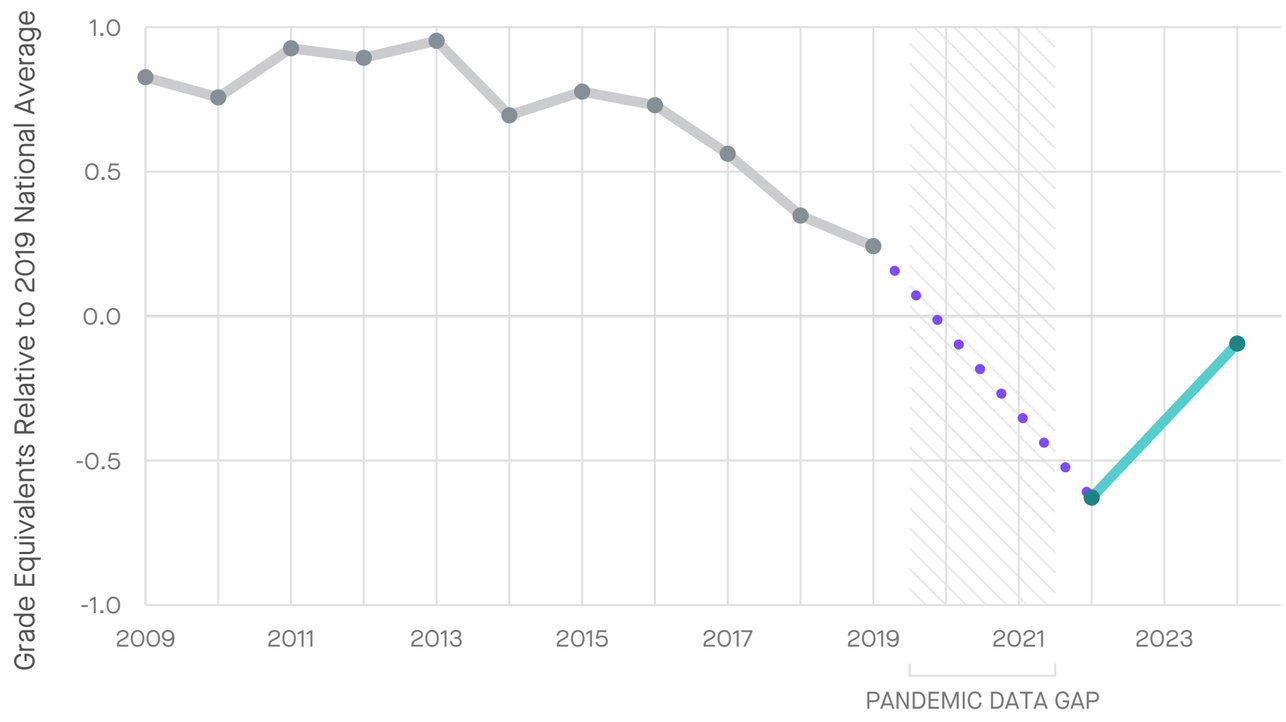
Orange County Schools, NC

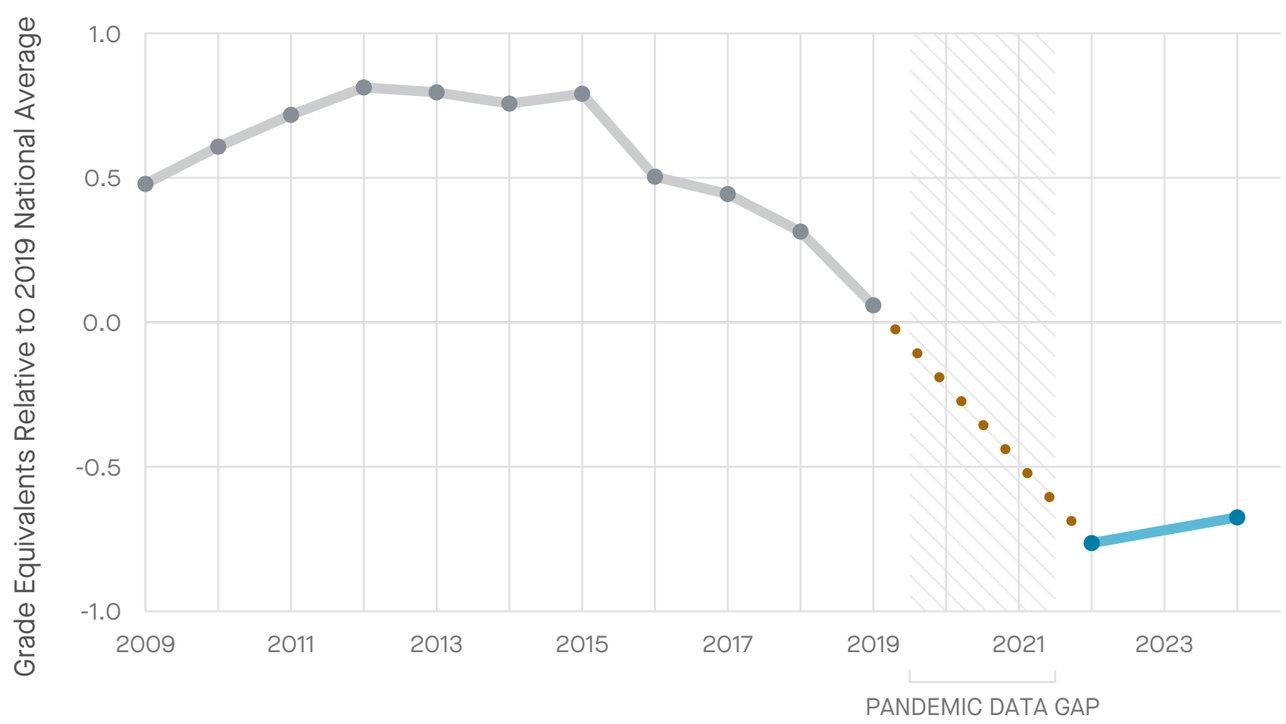
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	0.24
2022 Average	-0.63
2024 Average	-0.10
2019-2022 Change	-0.87
2022-2024 Change	+0.53
Since 2019	-0.34

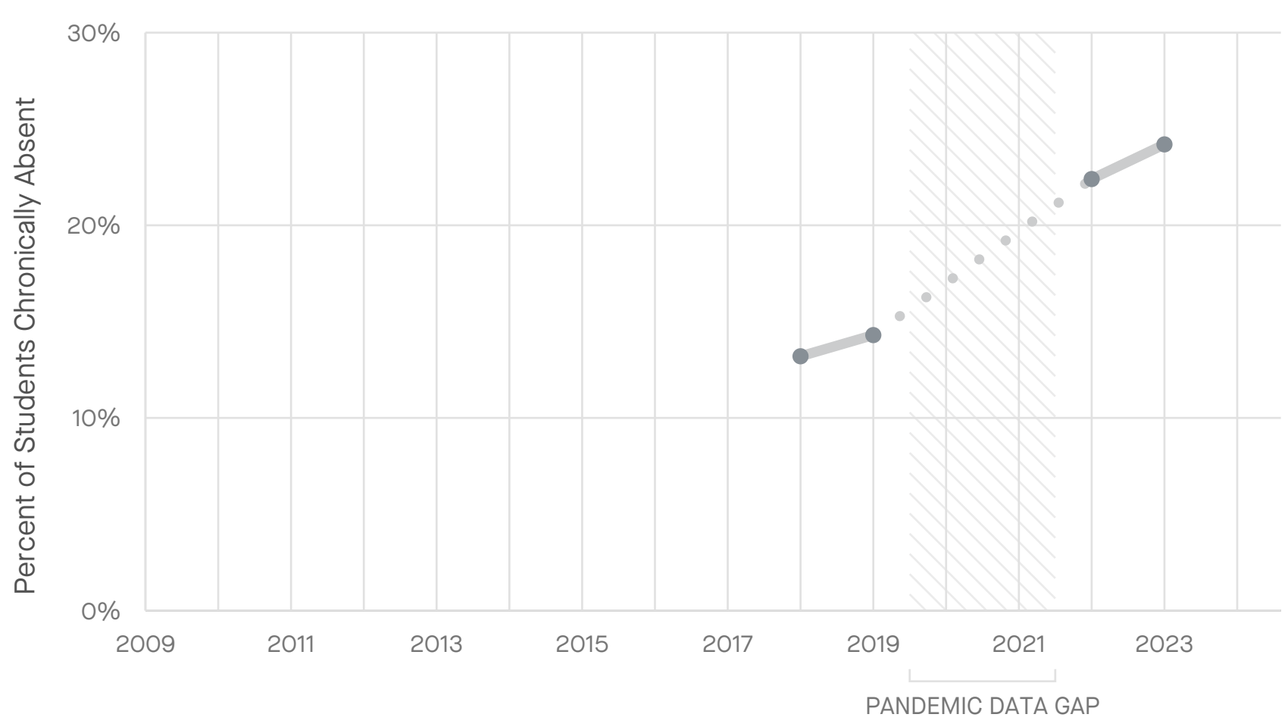
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	0.06
2022 Average	-0.76
2024 Average	-0.68
2019-2022 Change	-0.82
2022-2024 Change	+0.09
Since 2019	-0.73

Absenteeism, Grades 3-8, 2009-2024



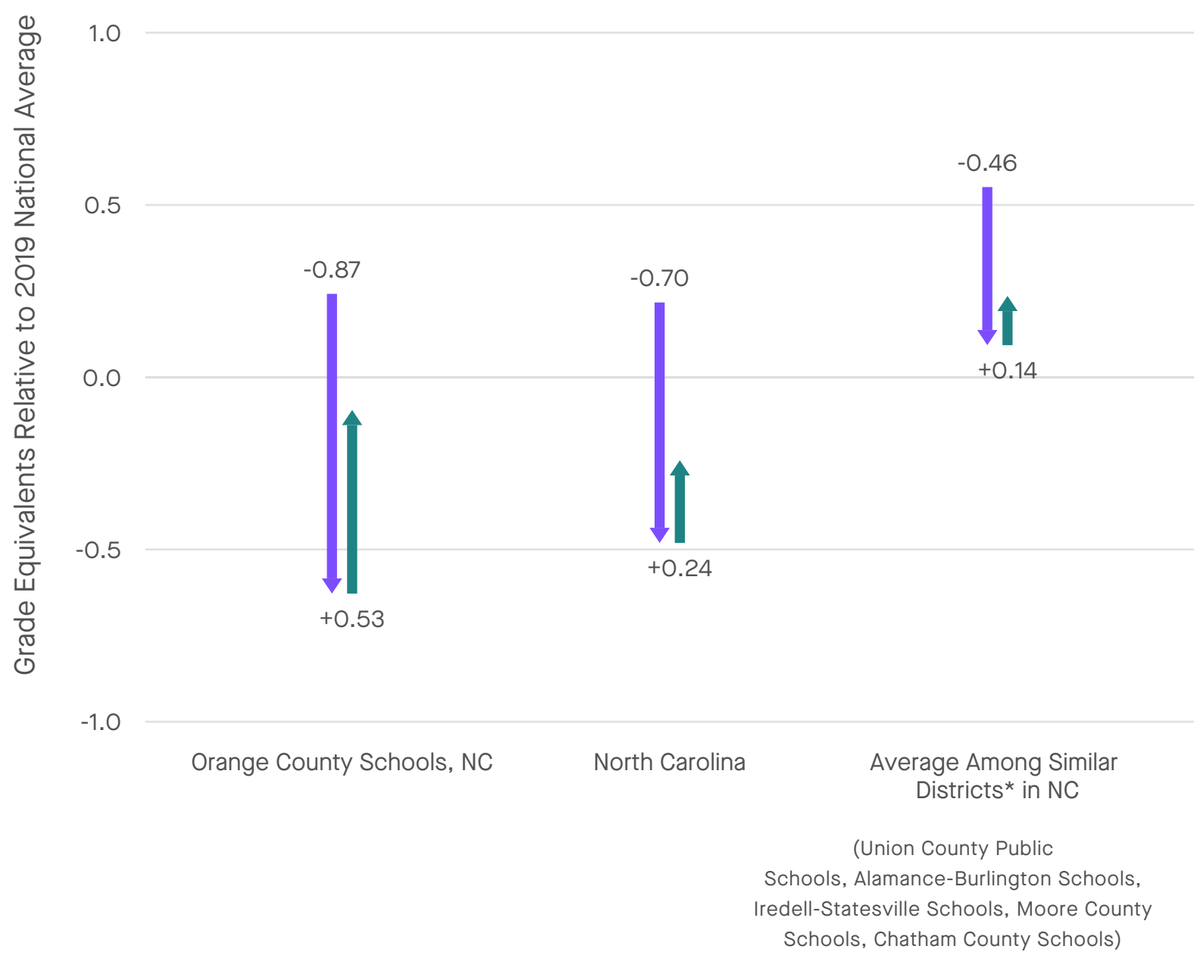
Absenteeism

2019-2023 Change	+0.10
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Orange County Schools, NC

Math Performance in Orange County Schools vs. North Carolina and Similar Districts, Grades 3-8, 2019-2024



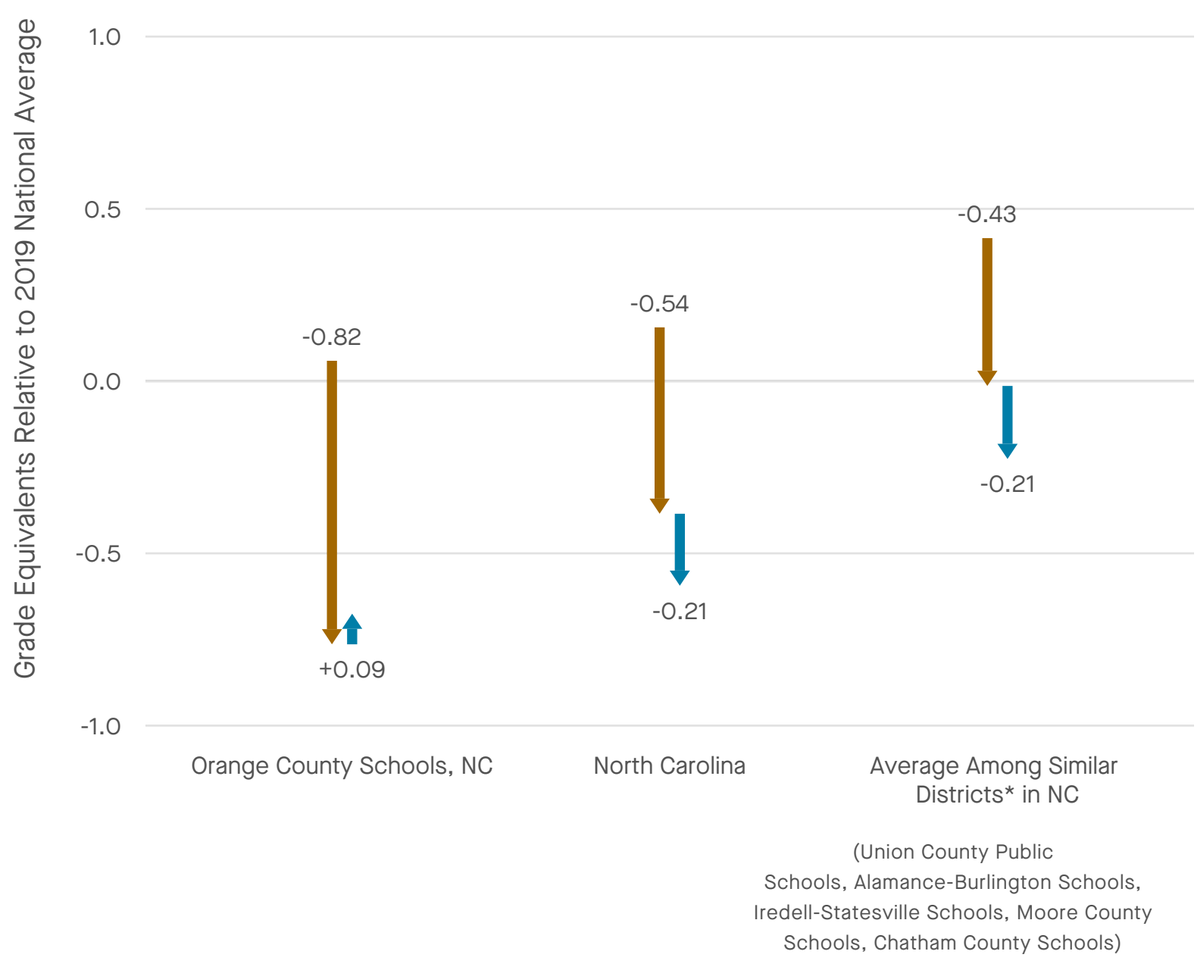
Average Math Scores and Trends in Scores

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
Orange County Schools, NC	0.24	-0.63	-0.10	↓ -0.87	↑ 0.53	↓ -0.34
North Carolina	0.22	-0.48	-0.24	↓ -0.70	↑ 0.24	↓ -0.46
Similar Districts* in North Carolina	0.55	0.09	0.24	↓ -0.46	↑ 0.14	↓ -0.32

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

Reading Performance in Orange County Schools vs. North Carolina and Similar Districts, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

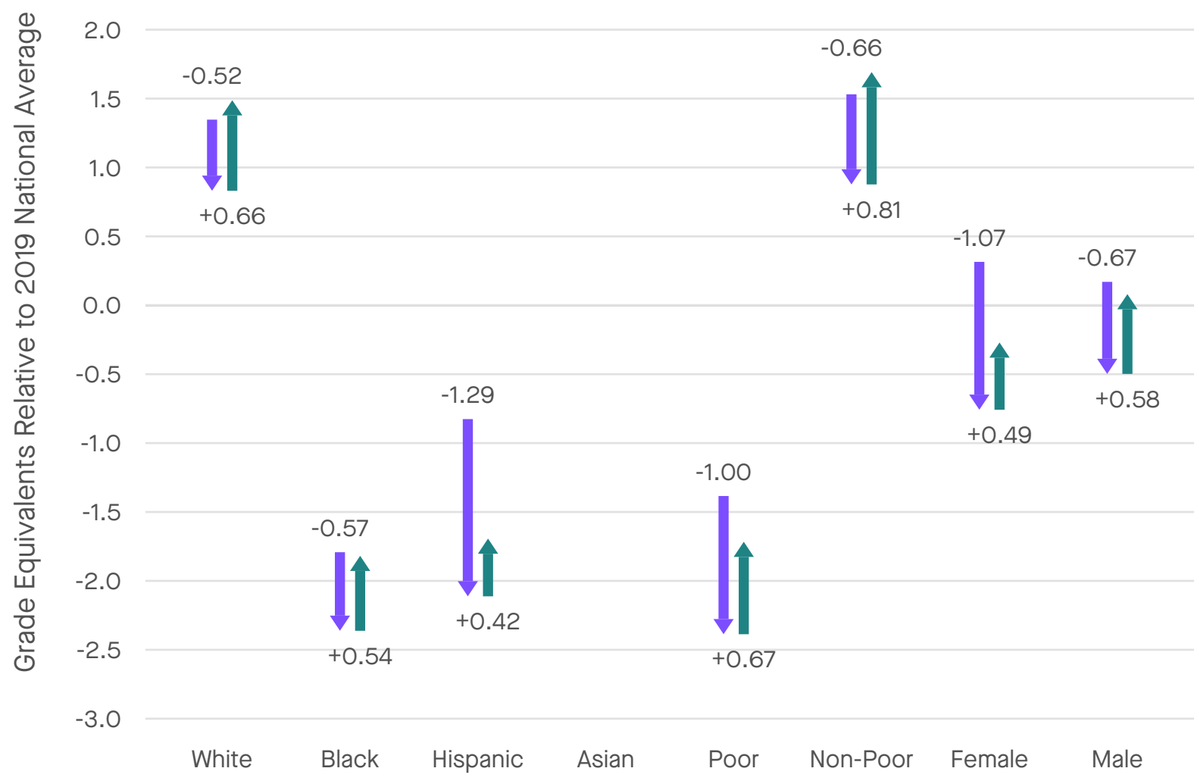
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Orange County Schools, NC	0.06	-0.76	-0.68	↓ -0.82	↑ 0.09	↓ -0.73
North Carolina	0.16	-0.38	-0.59	↓ -0.54	↓ -0.21	↓ -0.75
Similar Districts* in North Carolina	0.42	-0.01	-0.23	↓ -0.43	↓ -0.21	↓ -0.64

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

Orange County Schools, NC

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

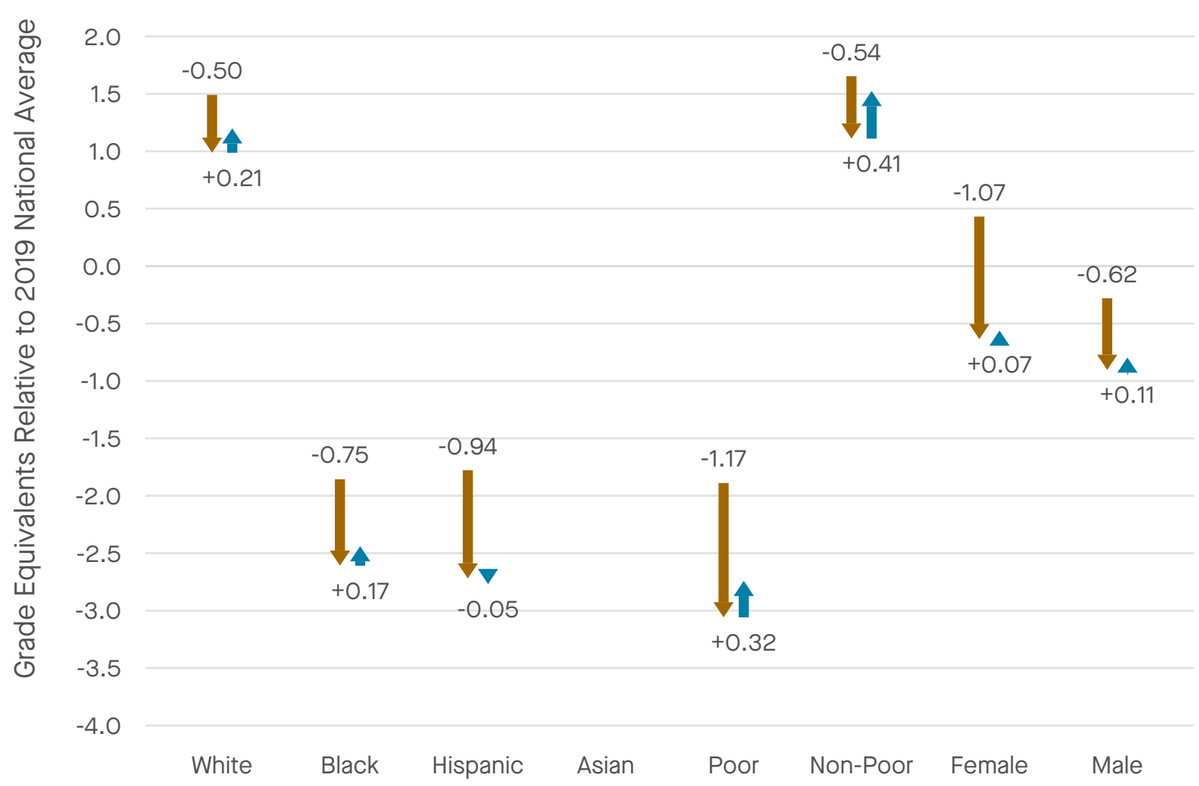


Average Math Scores and Trends in Scores

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	1.35	0.83	1.49	↓ -0.52	↑ 0.66	↑ 0.14
Black	-1.79	-2.36	-1.82	↓ -0.57	↑ 0.54	↓ -0.03
Hispanic	-0.83	-2.11	-1.69	↓ -1.29	↑ 0.42	↓ -0.87
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-1.38	-2.39	-1.72	↓ -1.00	↑ 0.67	↓ -0.33
Non-Poor	1.53	0.88	1.69	↓ -0.66	↑ 0.81	↑ 0.16
Female	0.32	-0.76	-0.27	↓ -1.07	↑ 0.49	↓ -0.59
Male	0.17	-0.50	0.08	↓ -0.67	↑ 0.58	↓ -0.09

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



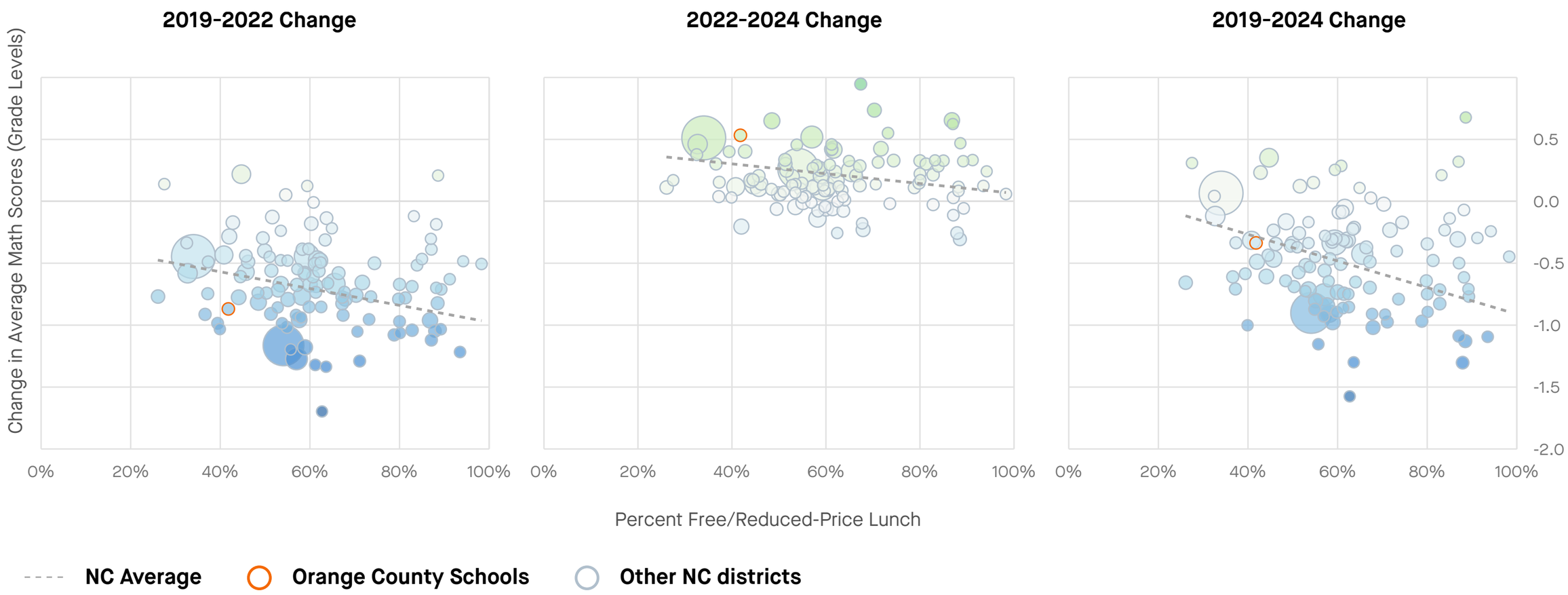
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

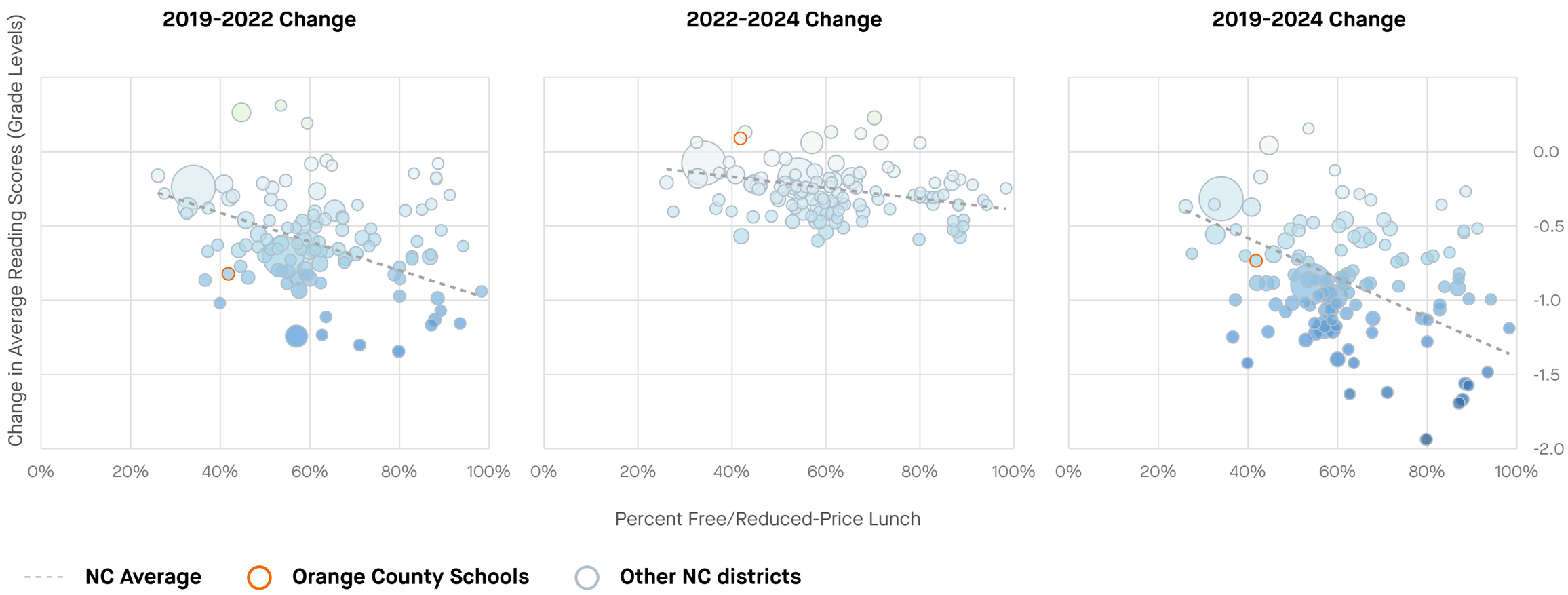
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.49	0.99	1.20	↓ -0.50	↑ 0.21	↓ -0.29
Black	-1.86	-2.61	-2.44	↓ -0.75	↑ 0.17	↓ -0.58
Hispanic	-1.78	-2.72	-2.77	↓ -0.94	↓ -0.05	↓ -0.99
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-1.89	-3.06	-2.74	↓ -1.17	↑ 0.32	↓ -0.85
Non-Poor	1.65	1.11	1.52	↓ -0.54	↑ 0.41	↓ -0.13
Female	0.43	-0.64	-0.56	↓ -1.07	↑ 0.07	↓ -0.99
Male	-0.28	-0.90	-0.80	↓ -0.62	↑ 0.11	↓ -0.52

Orange County Schools, NC

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

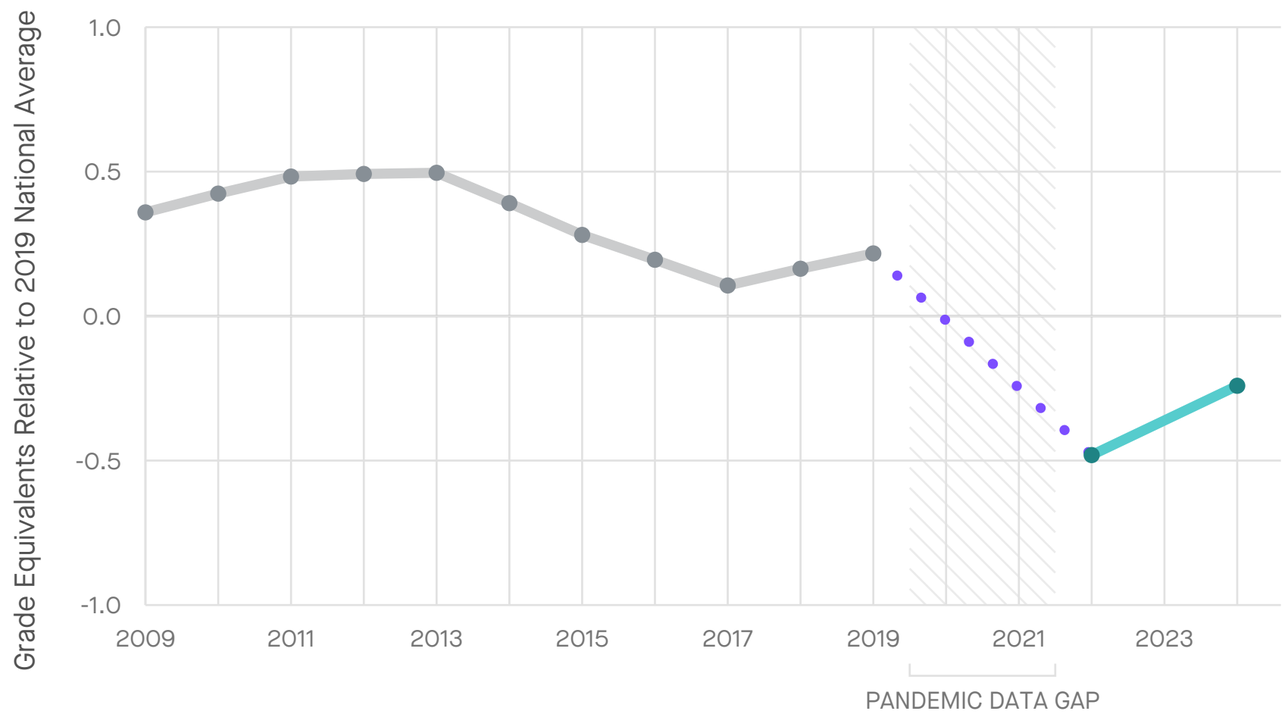


Change in Reading Performance in North Carolina Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



North Carolina

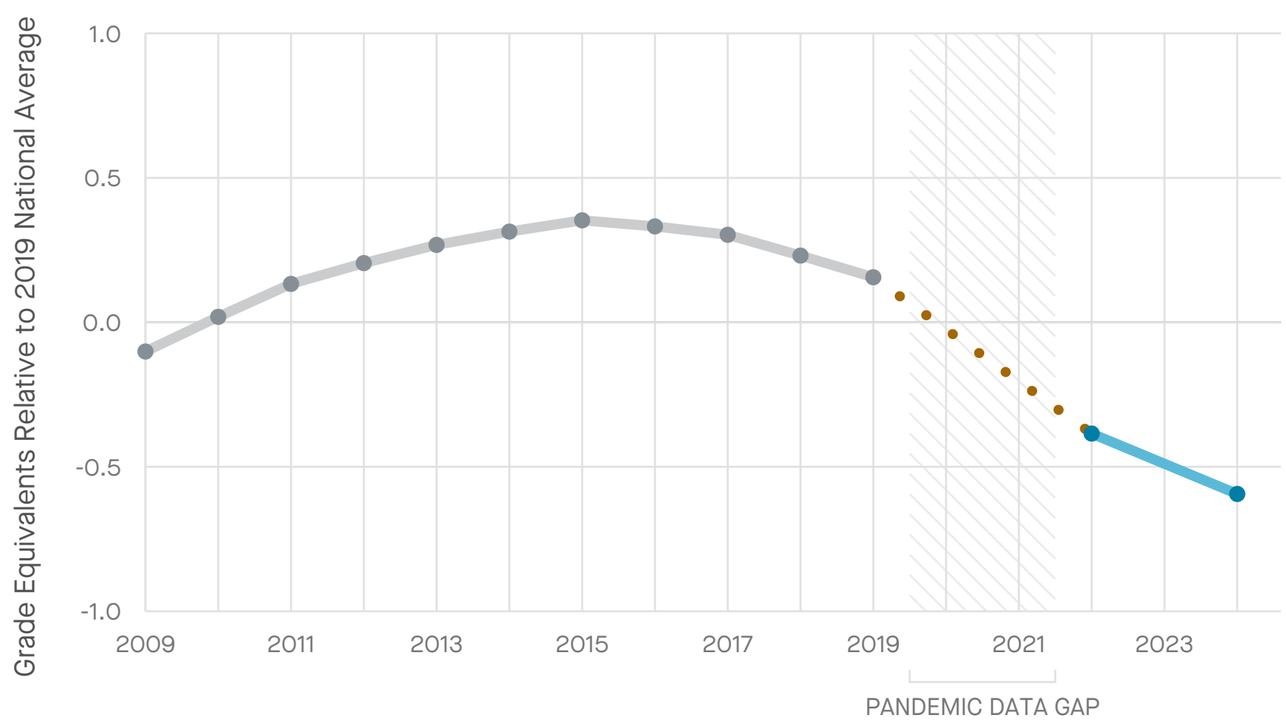
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	0.22
2022 Average	-0.48
2024 Average	-0.24
2019-2022 Change	-0.70
2022-2024 Change	+0.24
Since 2019	-0.46

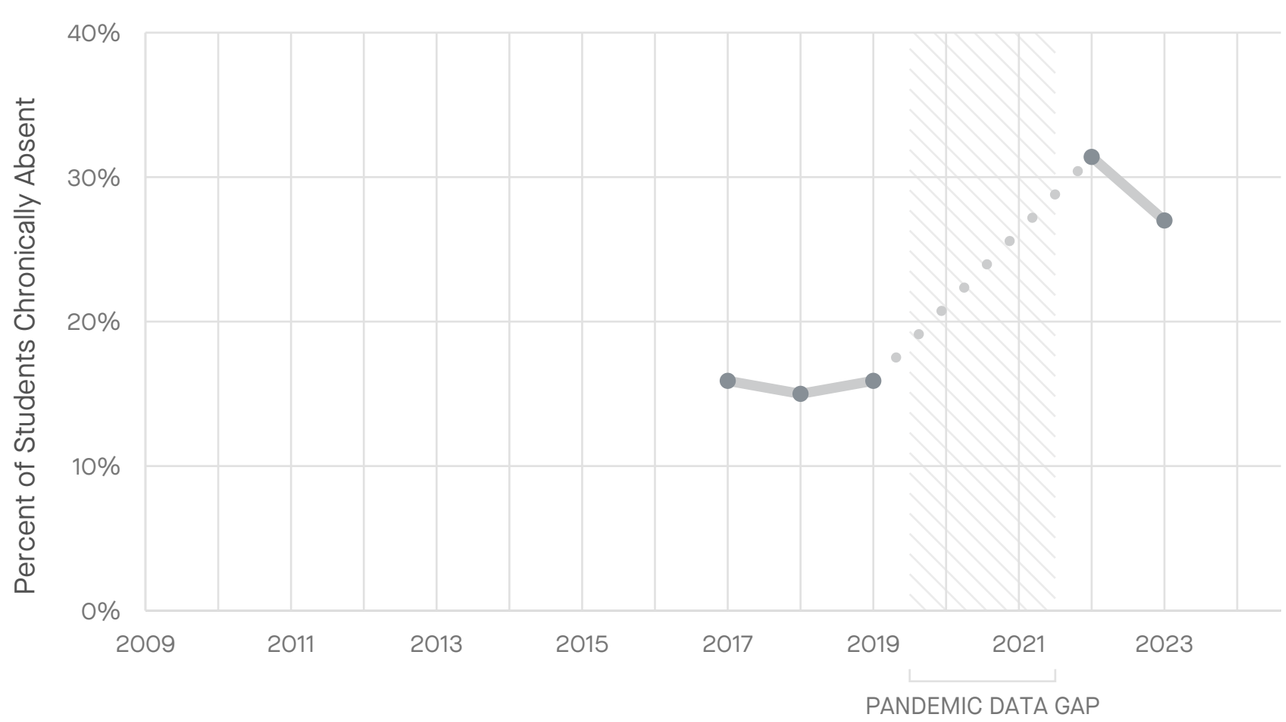
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	0.16
2022 Average	-0.39
2024 Average	-0.59
2019-2022 Change	-0.54
2022-2024 Change	-0.21
Since 2019	-0.75

Absenteeism, Grades 3-8, 2009-2024



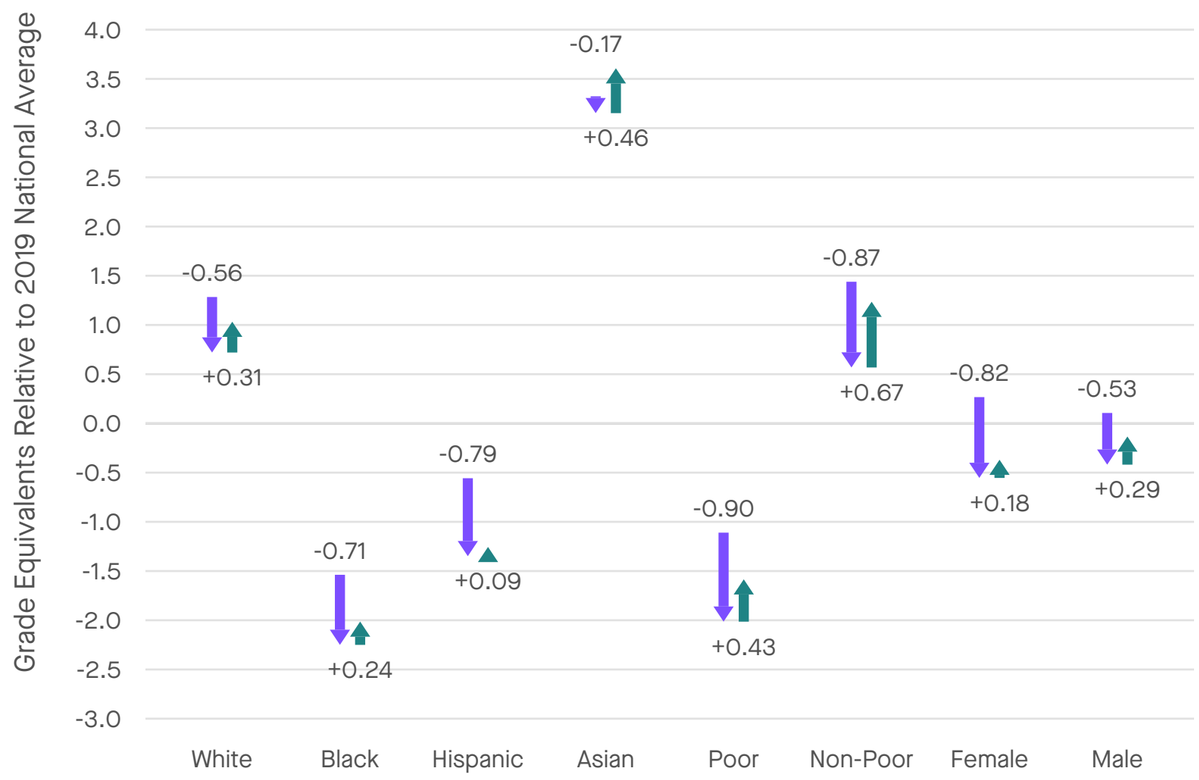
Absenteeism

2019-2023 Change	+0.11
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

North Carolina

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

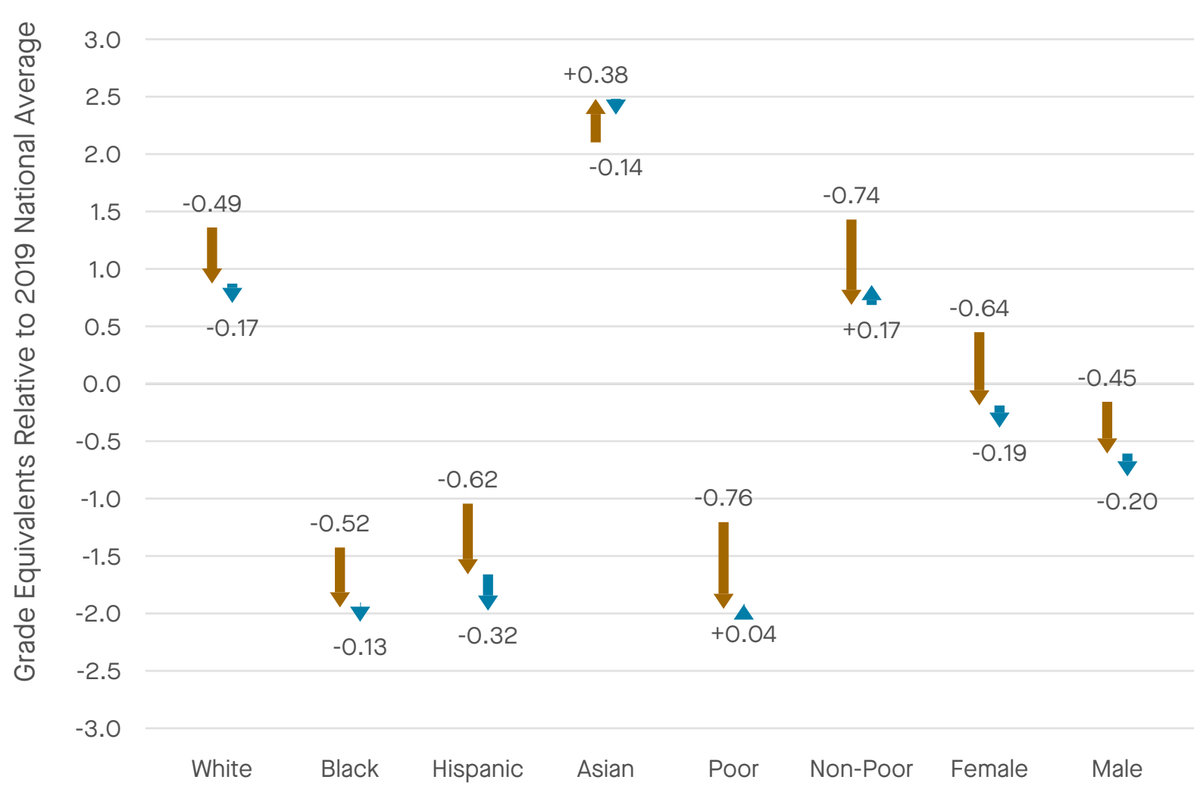


Average Math Scores and Trends in Scores

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	0.72	1.03	-0.56	0.31	-0.25
Black	-1.54	-2.25	-2.01	-0.71	0.24	-0.47
Hispanic	-0.56	-1.35	-1.25	-0.79	0.09	-0.70
Asian	3.32	3.15	3.61	-0.17	0.46	0.28
Poor	-1.11	-2.01	-1.58	-0.90	0.43	-0.47
Non-Poor	1.44	0.57	1.24	-0.87	0.67	-0.20
Female	0.27	-0.55	-0.37	-0.82	0.18	-0.64
Male	0.11	-0.42	-0.13	-0.53	0.29	-0.24

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

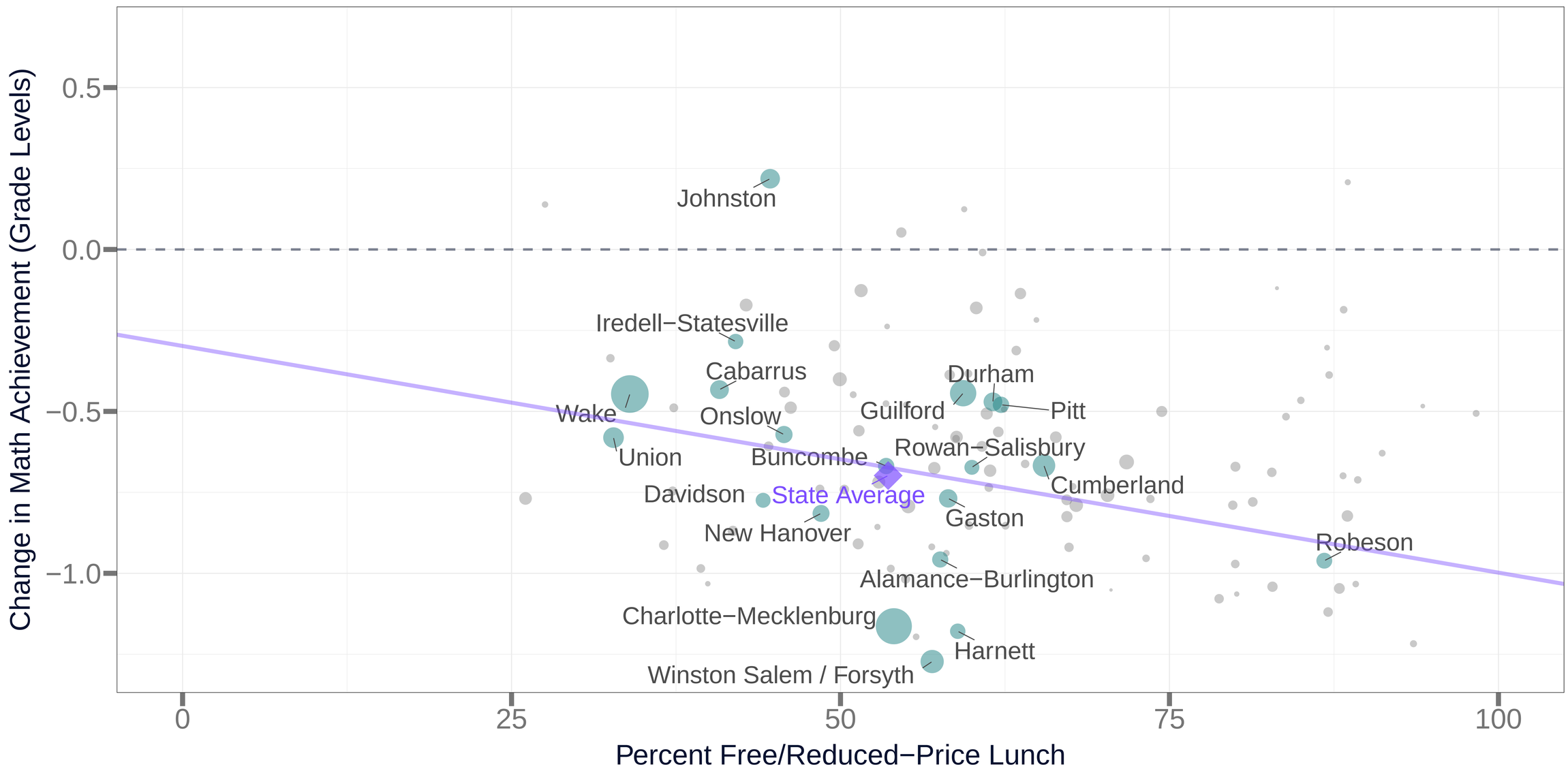


Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

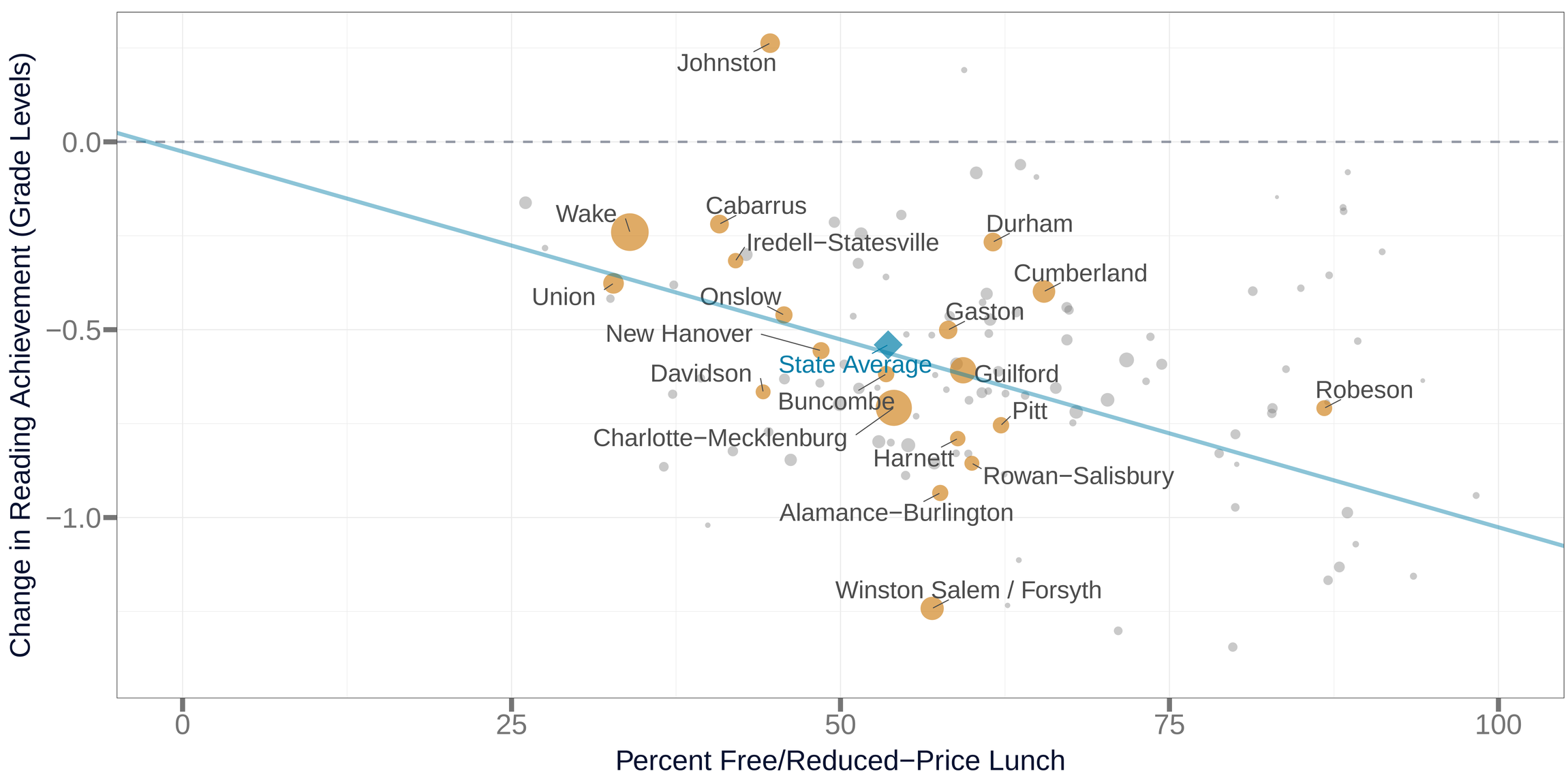
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.36	0.87	0.70	-0.49	-0.17	-0.66
Black	-1.43	-1.95	-2.07	-0.52	-0.13	-0.65
Hispanic	-1.04	-1.66	-1.98	-0.62	-0.32	-0.93
Asian	2.10	2.48	2.34	0.38	-0.14	0.24
Poor	-1.21	-1.96	-1.92	-0.76	0.04	-0.72
Non-Poor	1.43	0.69	0.86	-0.74	0.17	-0.57
Female	0.45	-0.19	-0.38	-0.64	-0.19	-0.83
Male	-0.16	-0.61	-0.81	-0.45	-0.20	-0.65

Change in Math Achievement 2019−2022
by Percent FRPL in North Carolina Districts



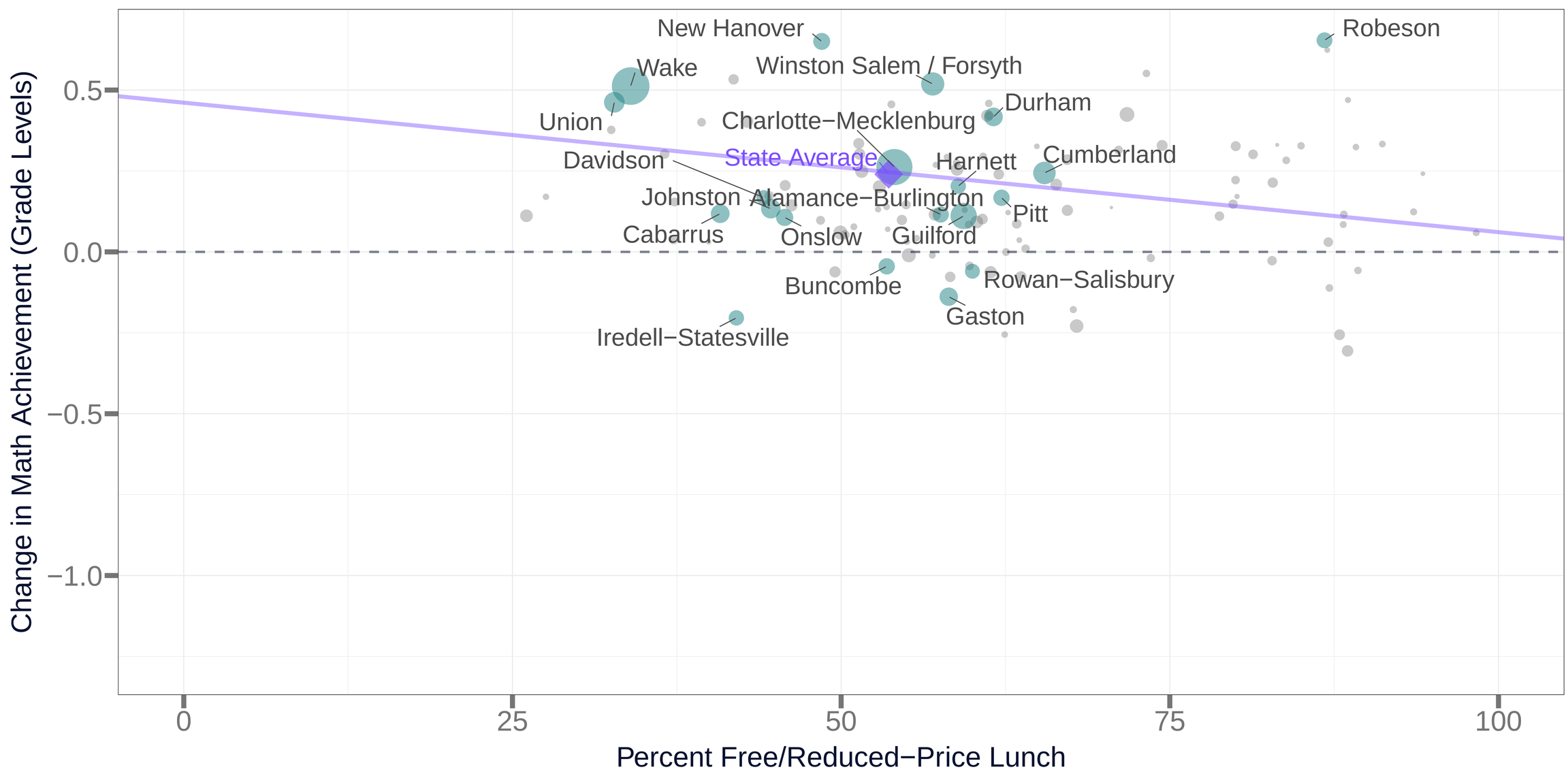
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Reading Achievement 2019−2022
by Percent FRPL in North Carolina Districts



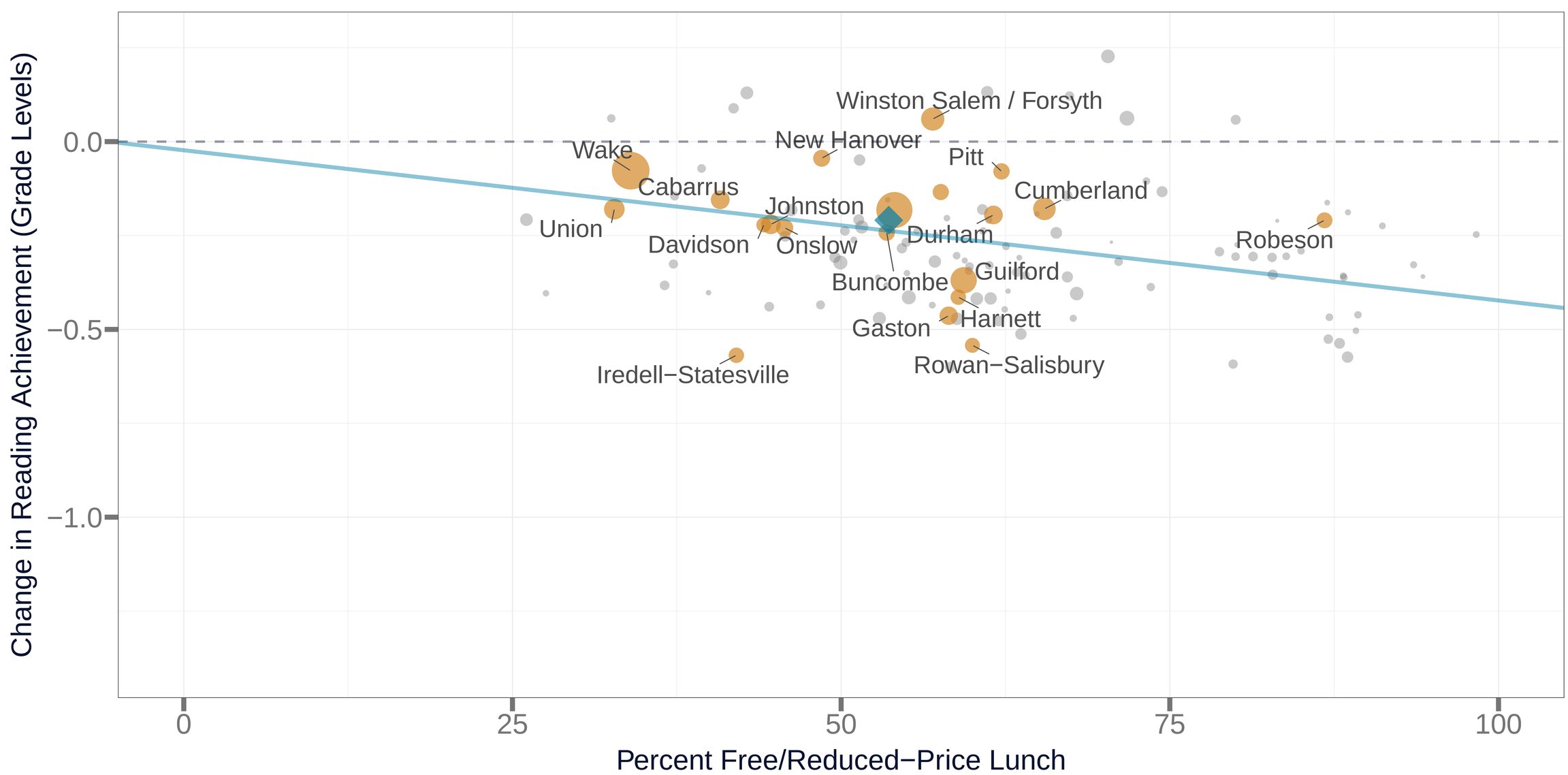
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Math Achievement 2022−2024
by Percent FRPL in North Carolina Districts



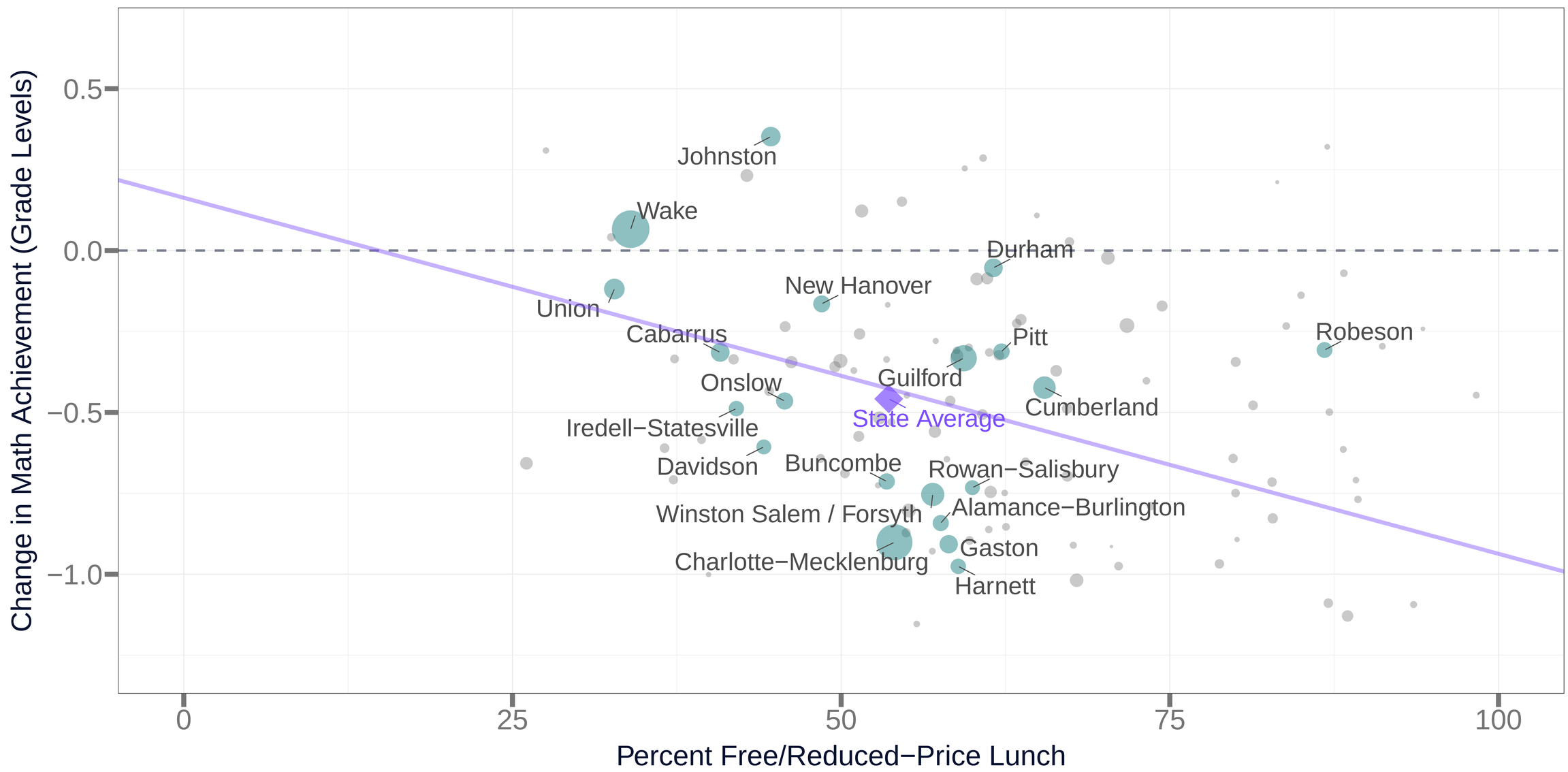
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Reading Achievement 2022−2024
by Percent FRPL in North Carolina Districts



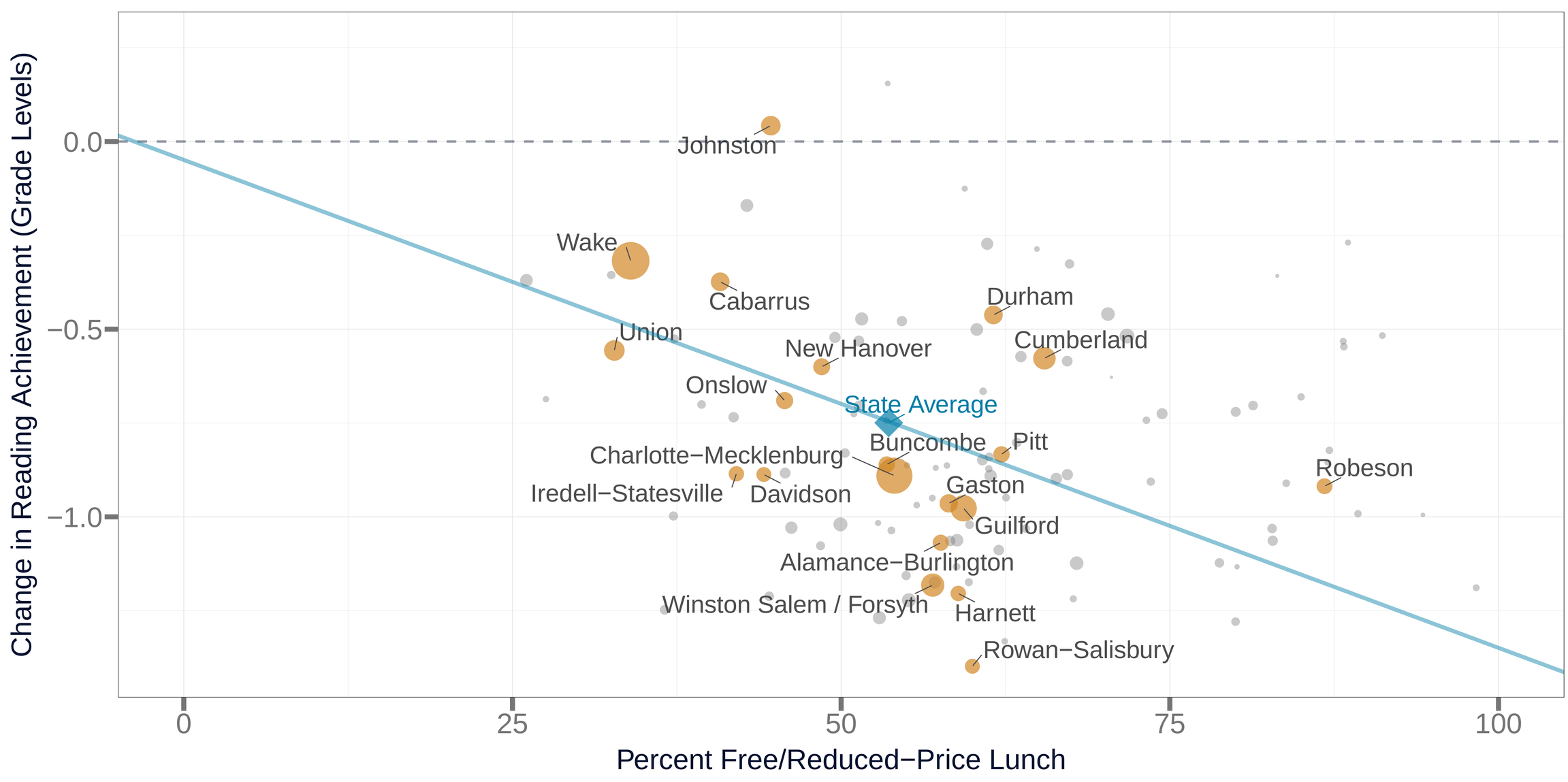
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

Change in Math Achievement 2019−2024
by Percent FRPL in North Carolina Districts

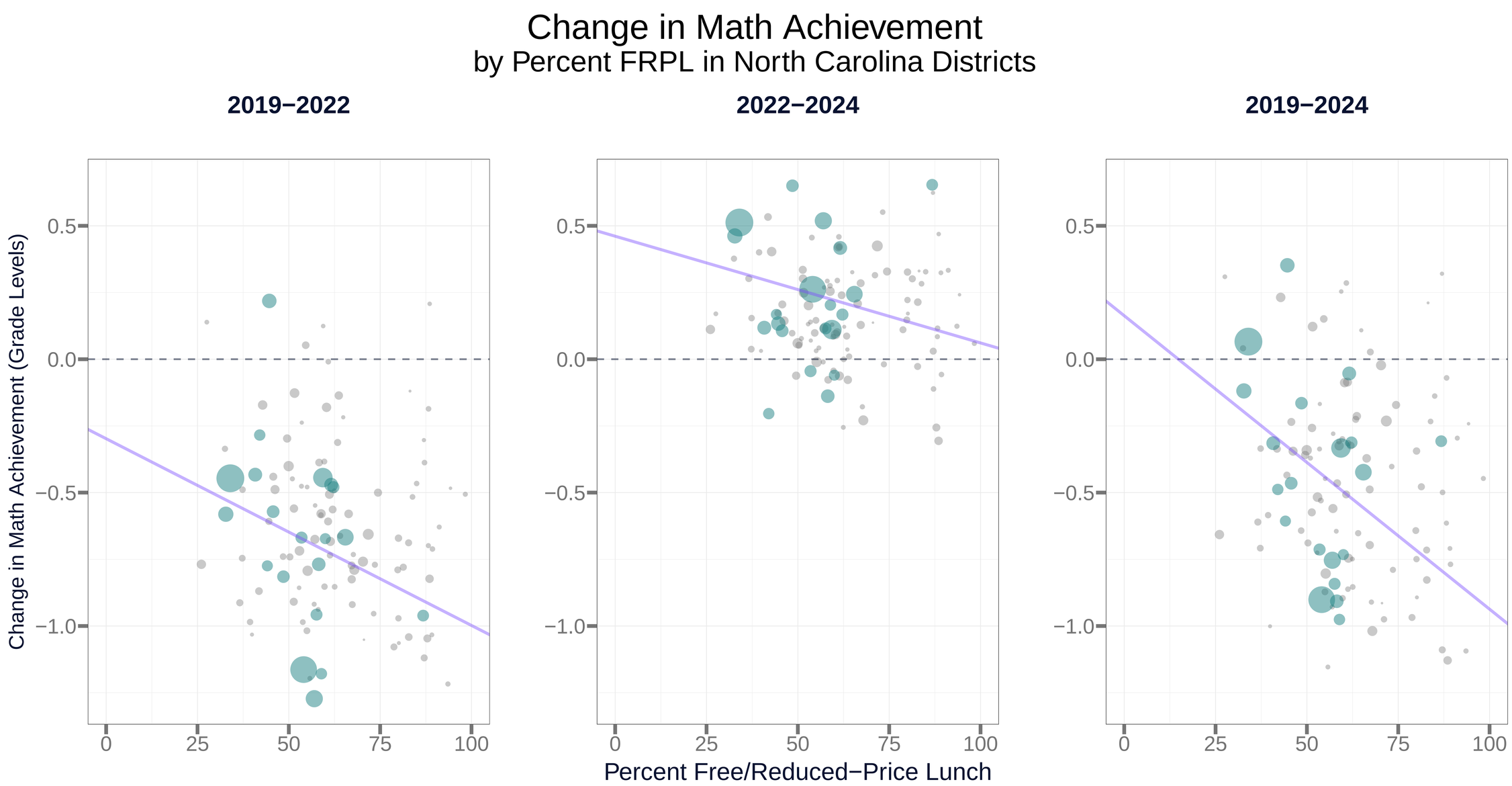


Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

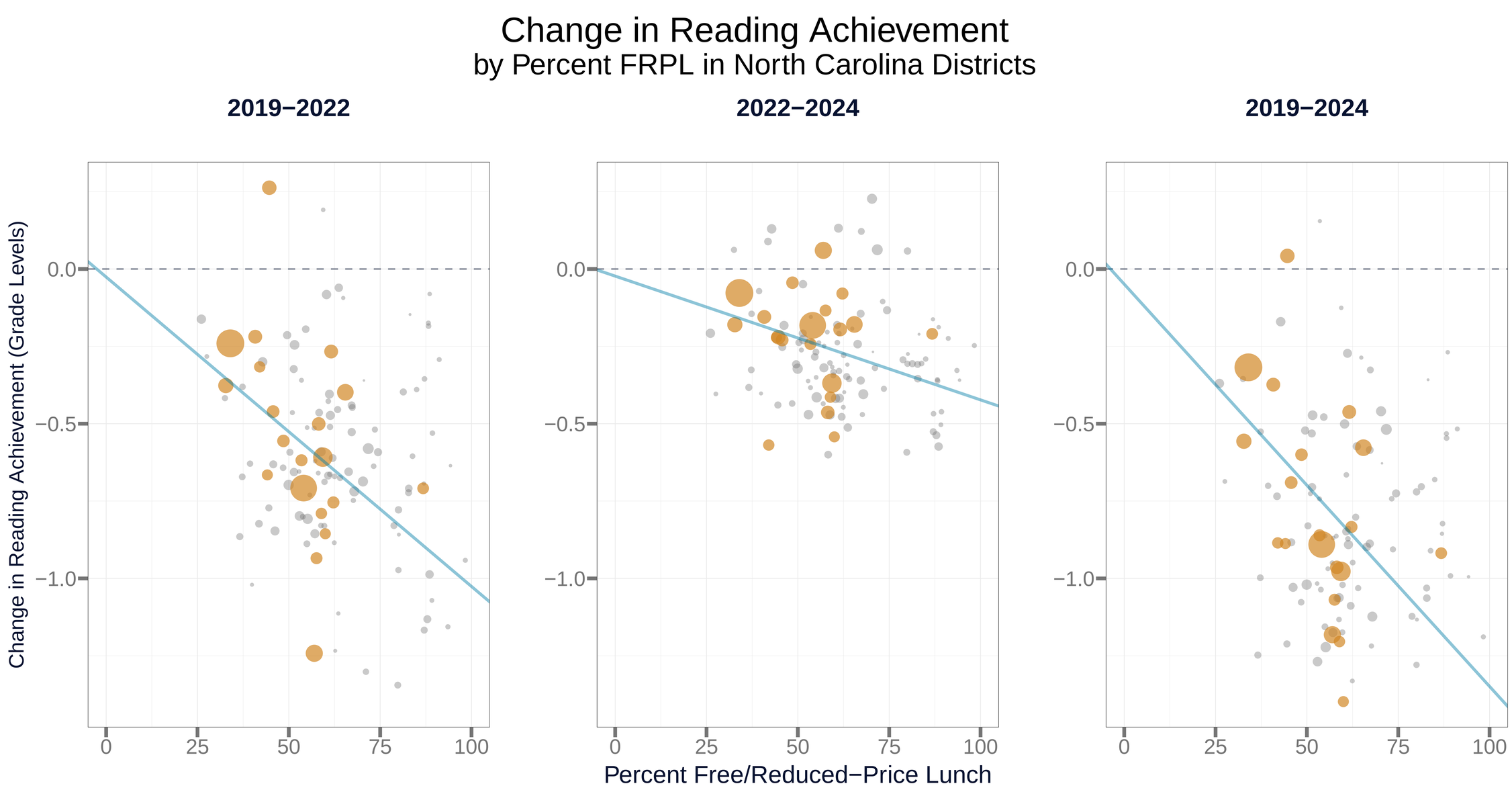
Change in Reading Achievement 2019−2024
by Percent FRPL in North Carolina Districts



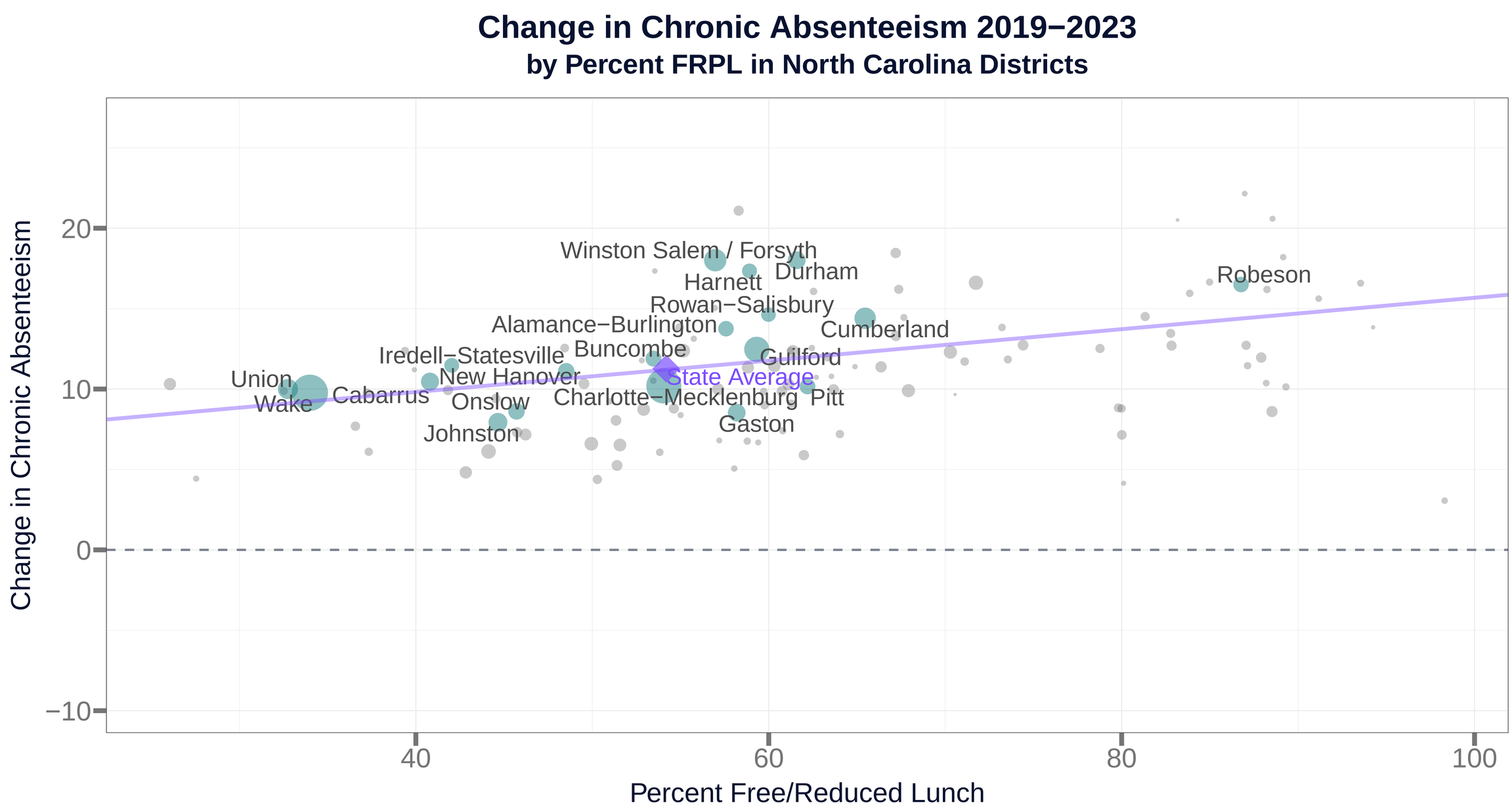
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.



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



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



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