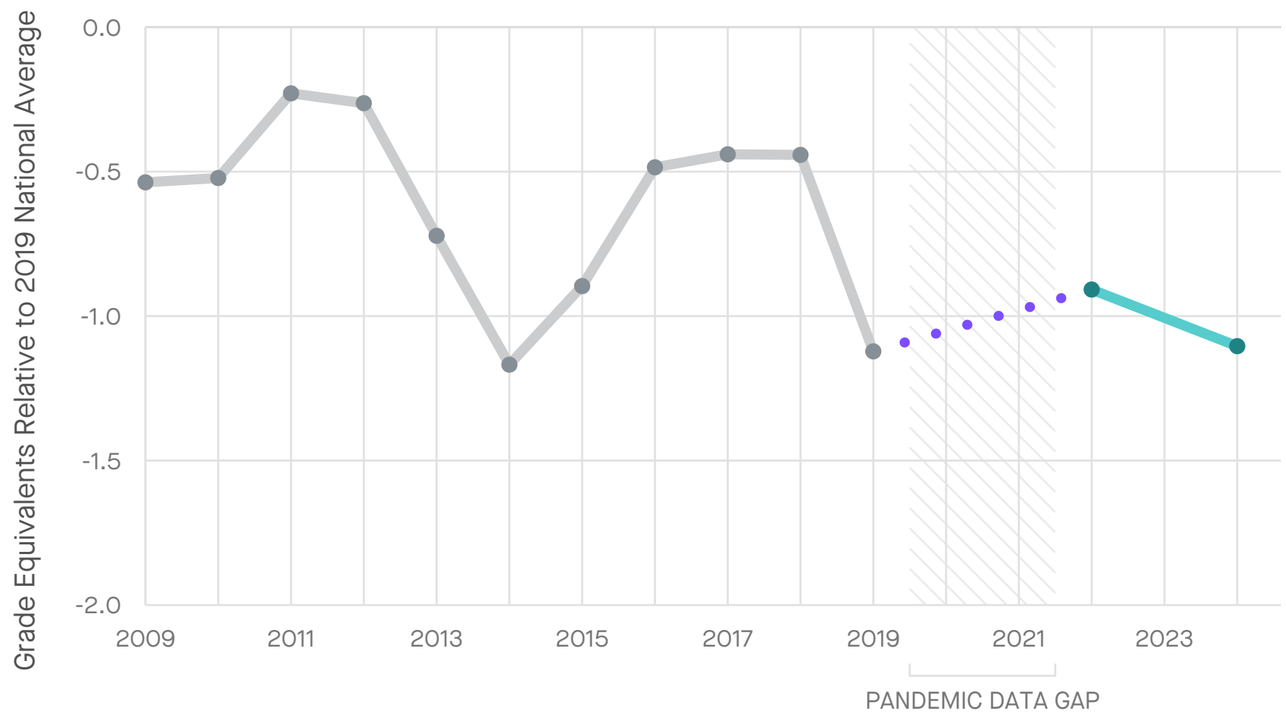
Cardinal Community School District, IA

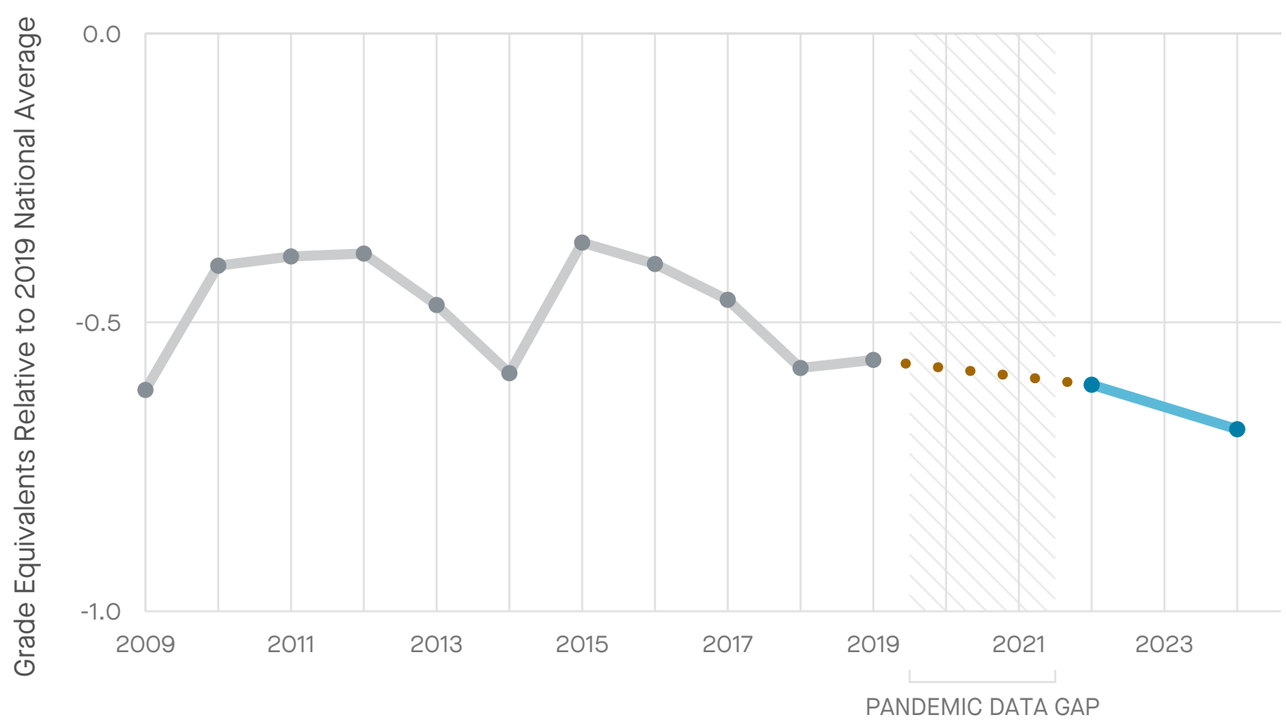
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	-1.12
2022 Average	-0.91
2024 Average	-1.10
2019-2022 Change	+0.21
2022-2024 Change	-0.20
Since 2019	+0.02

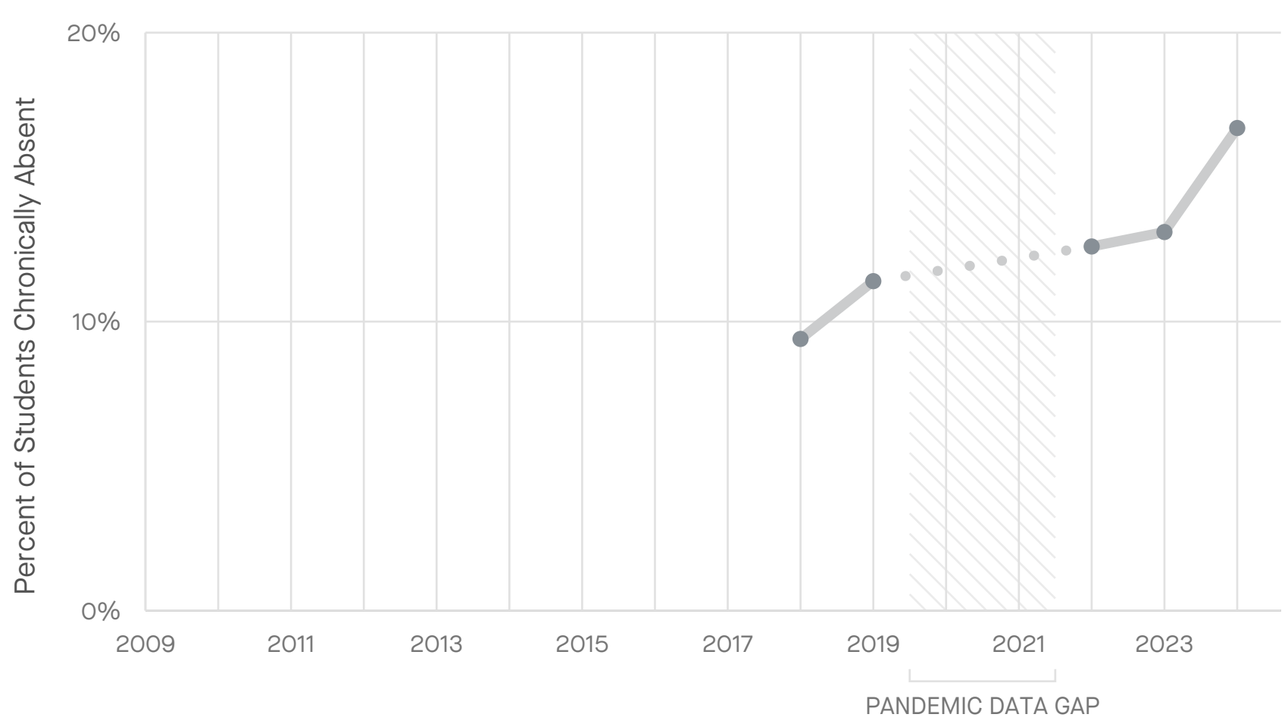
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	-0.56
2022 Average	-0.61
2024 Average	-0.69
2019-2022 Change	-0.04
2022-2024 Change	-0.08
Since 2019	-0.12

Absenteeism, Grades 3-8, 2009-2024



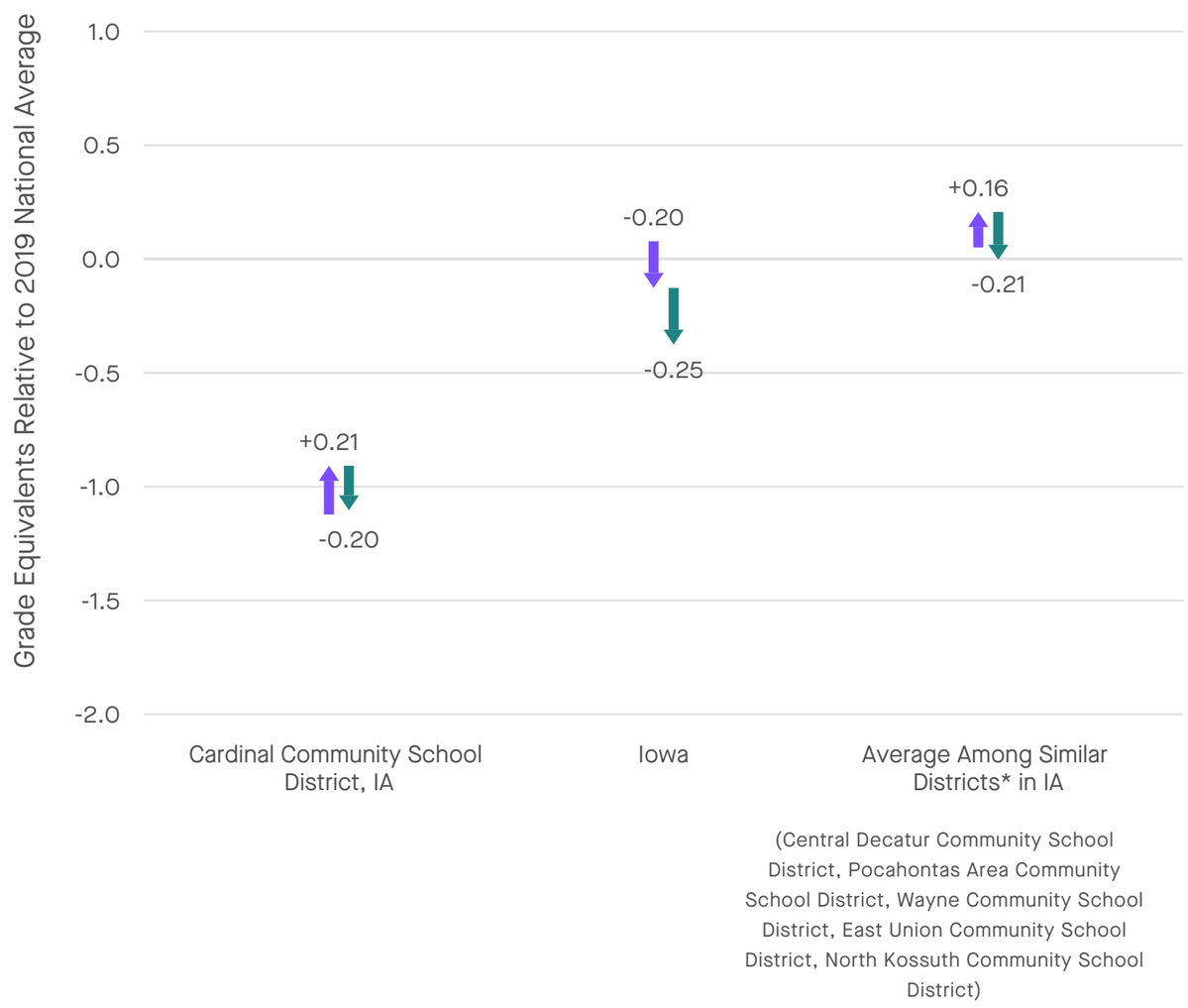
Absenteeism

2019-2023 Change	+0.02
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Cardinal Community School District, IA

Math Performance in Cardinal Community School District vs. Iowa and Similar Districts, Grades 3-8, 2019-2024



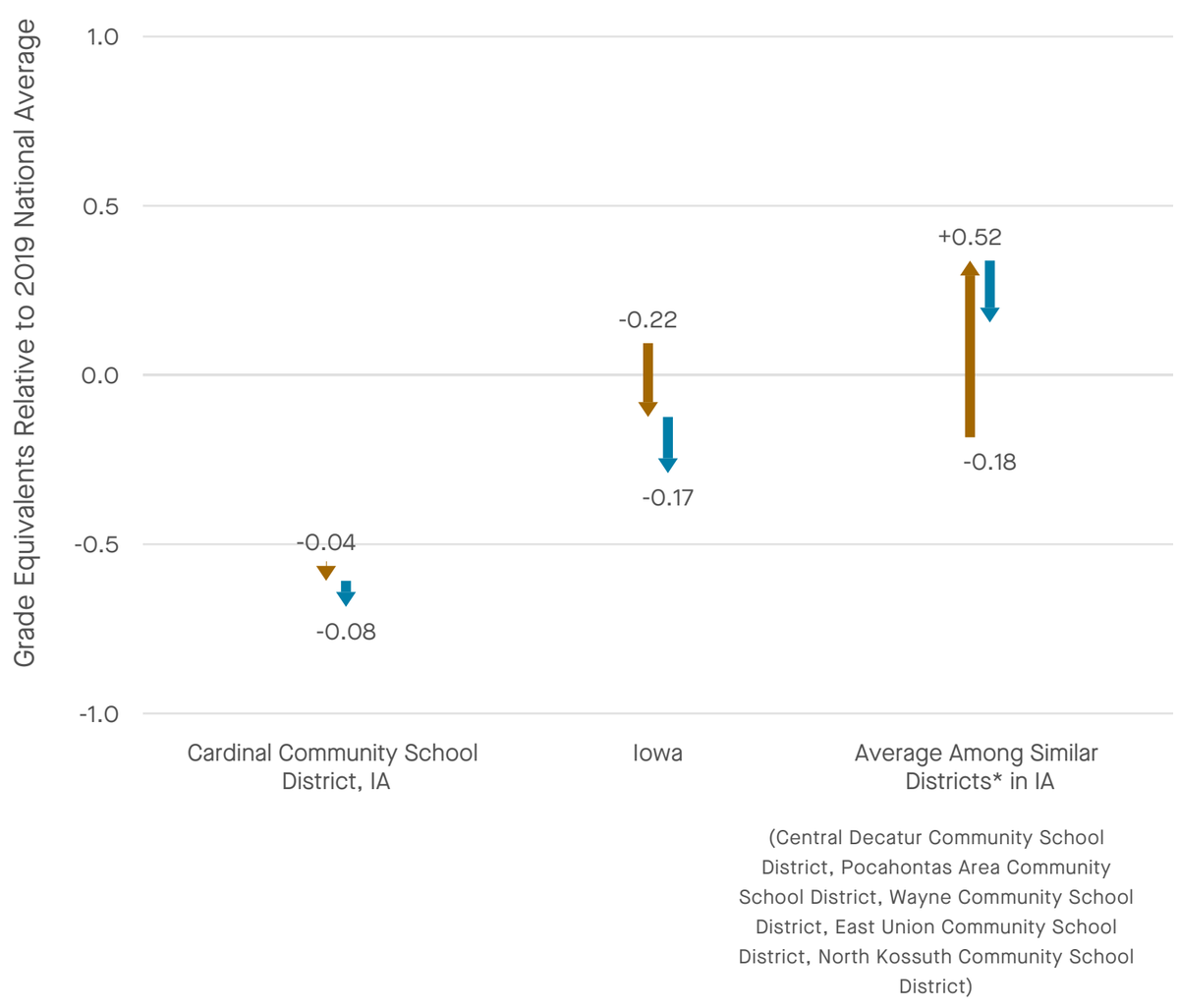
Average Math Scores and Trends in Scores

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
Cardinal Community School District, IA	-1.12	-0.91	-1.10	↑ 0.21	↓ -0.20	↑ 0.02
Iowa	0.08	-0.13	-0.38	↓ -0.20	↓ -0.25	↓ -0.45
Similar Districts* in Iowa	0.05	0.21	-0.00	↑ 0.16	↓ -0.21	↓ -0.05

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

Reading Performance in Cardinal Community School District vs. Iowa and Similar Districts, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

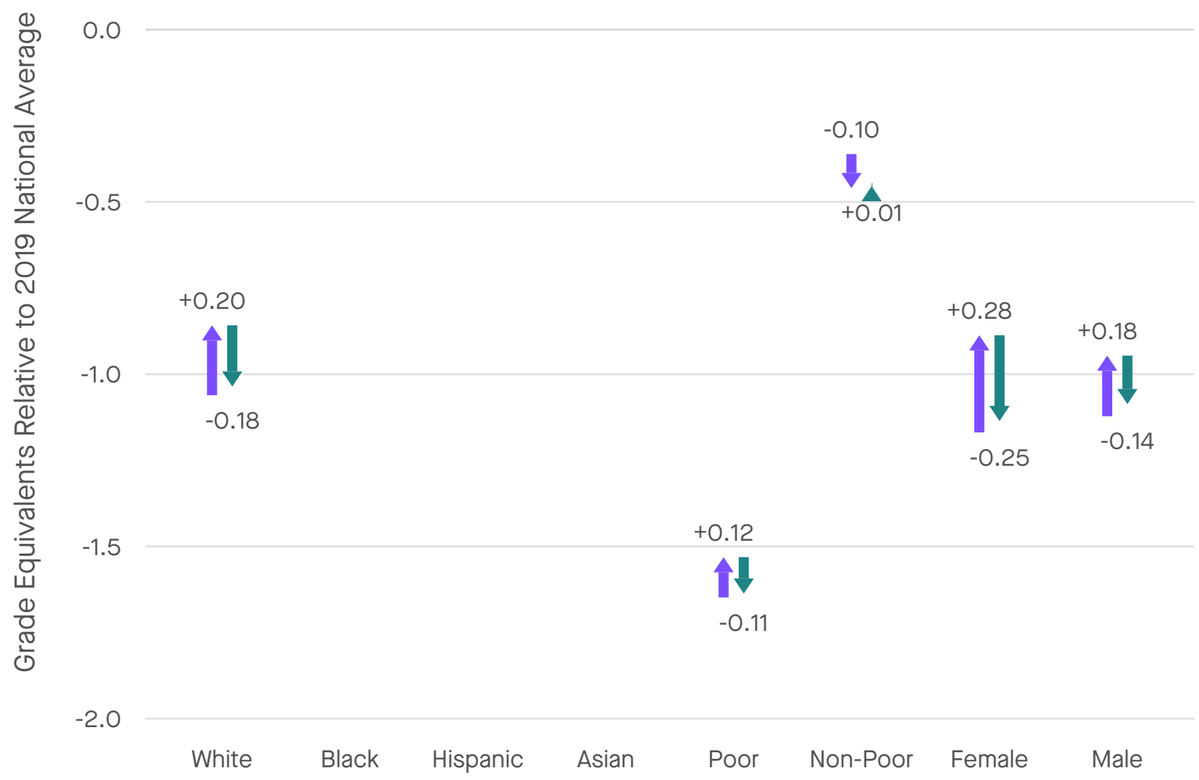
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Cardinal Community School District, IA	-0.56	-0.61	-0.69	↓ -0.04	↓ -0.08	↓ -0.12
Iowa	0.09	-0.12	-0.29	↓ -0.22	↓ -0.17	↓ -0.39
Similar Districts* in Iowa	-0.18	0.34	0.16	↑ 0.52	↓ -0.18	↑ 0.34

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

Cardinal Community School District, IA

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

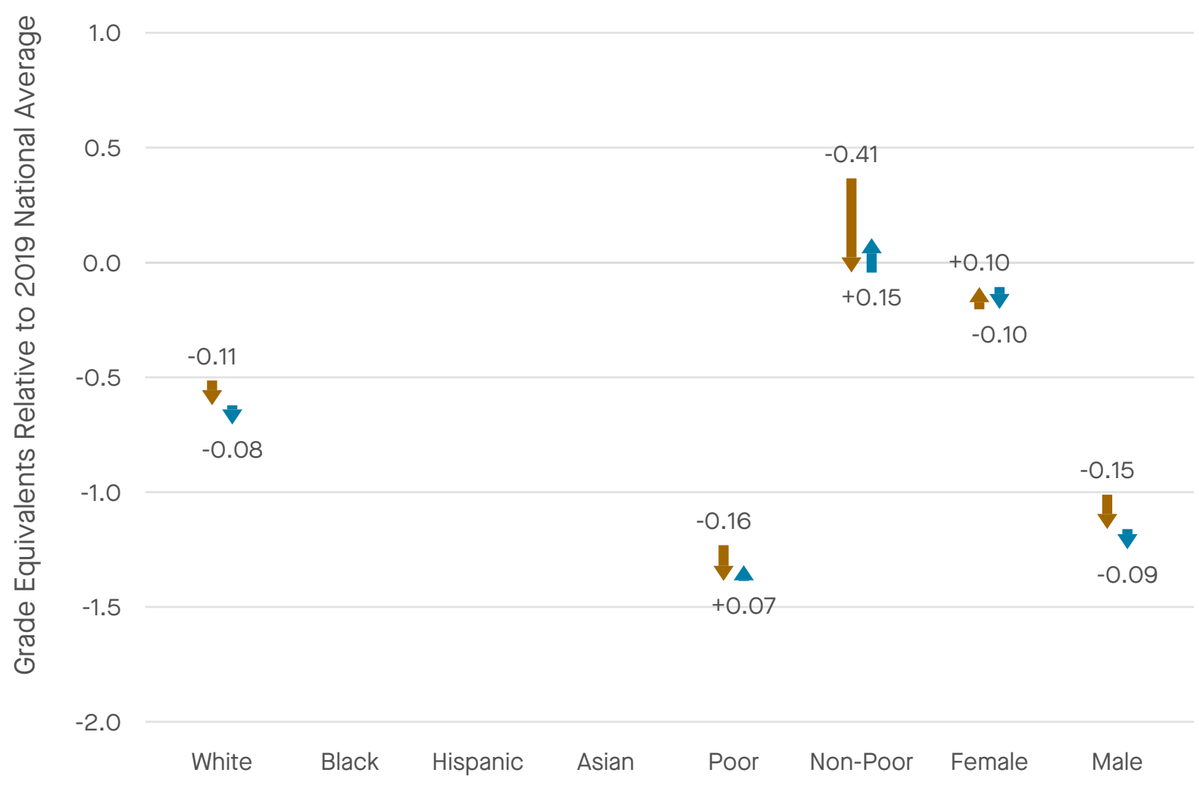


Average Math Scores and Trends in Scores

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	-1.06	-0.86	-1.04	↑ 0.20	↓ -0.18	↑ 0.03
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	N/A	N/A	N/A	N/A	N/A	N/A
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-1.65	-1.53	-1.64	↑ 0.12	↓ -0.11	↑ 0.01
Non-Poor	-0.36	-0.46	-0.45	↓ -0.10	↑ 0.01	↓ -0.09
Female	-1.17	-0.89	-1.14	↑ 0.28	↓ -0.25	↑ 0.03
Male	-1.12	-0.95	-1.09	↑ 0.18	↓ -0.14	↑ 0.04

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



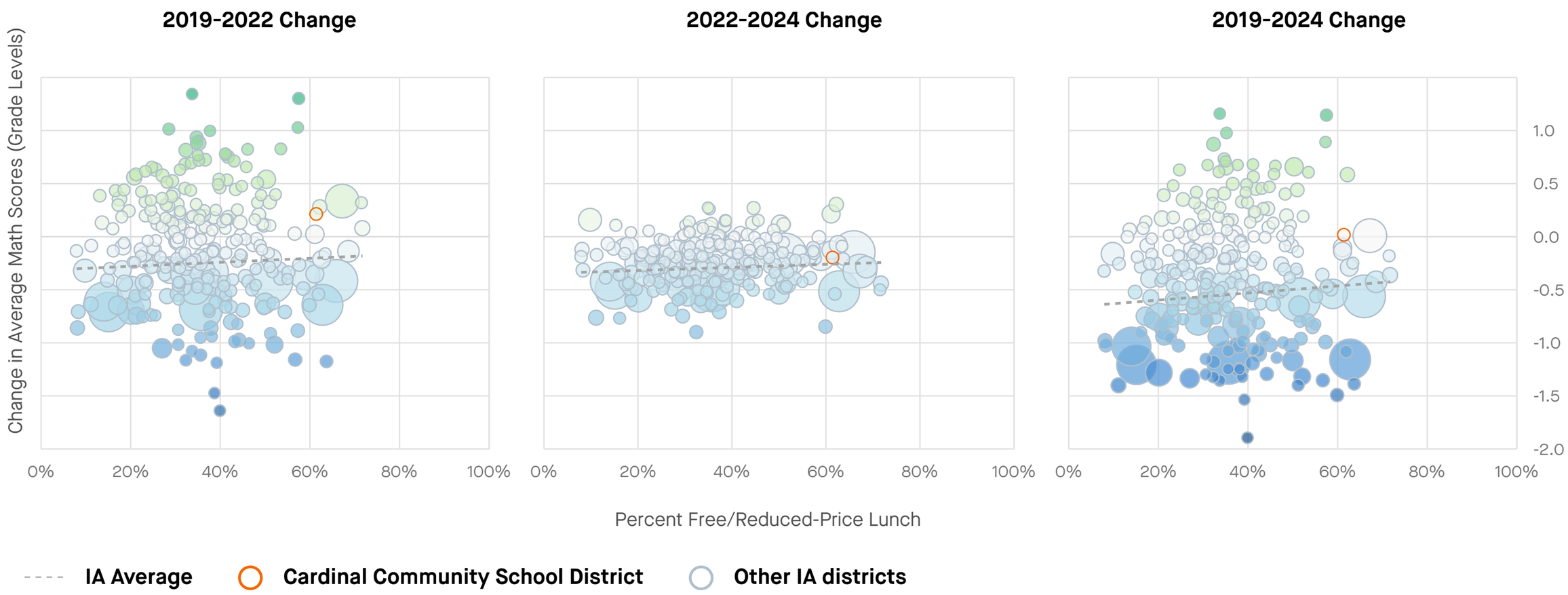
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

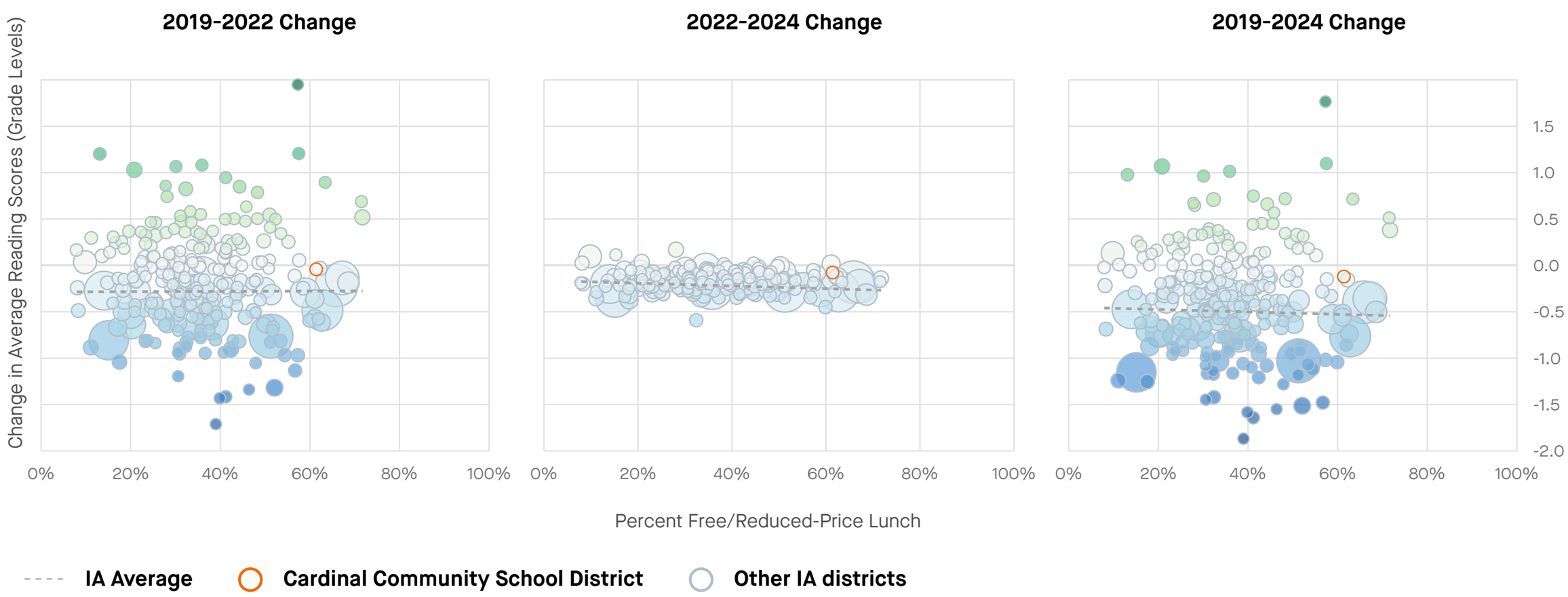
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	-0.51	-0.62	-0.71	↓ -0.11	↓ -0.08	↓ -0.19
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	N/A	N/A	N/A	N/A	N/A	N/A
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	-1.23	-1.39	-1.32	↓ -0.16	↑ 0.07	↓ -0.09
Non-Poor	0.37	-0.04	0.11	↓ -0.41	↑ 0.15	↓ -0.26
Female	-0.20	-0.11	-0.20	↑ 0.10	↓ -0.10	↑ 0.00
Male	-1.01	-1.16	-1.25	↓ -0.15	↓ -0.09	↓ -0.24

Cardinal Community School District, IA

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

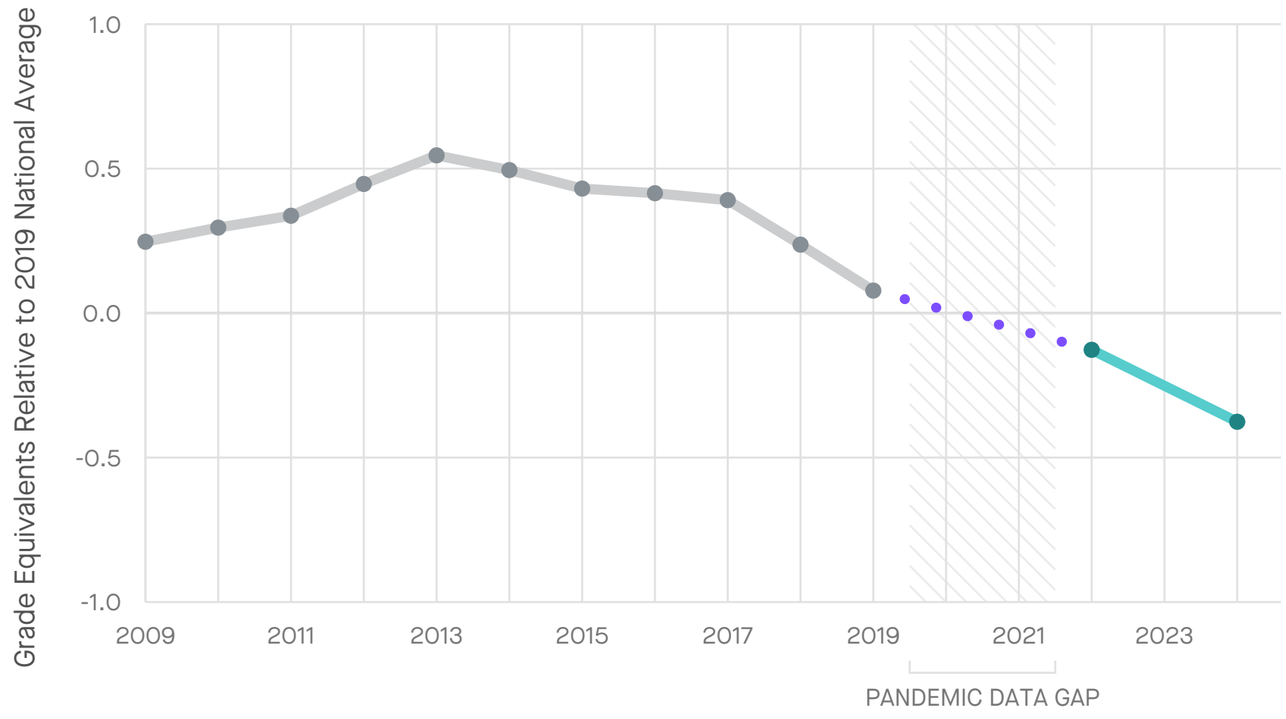


Change in Reading Performance in Iowa Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Iowa

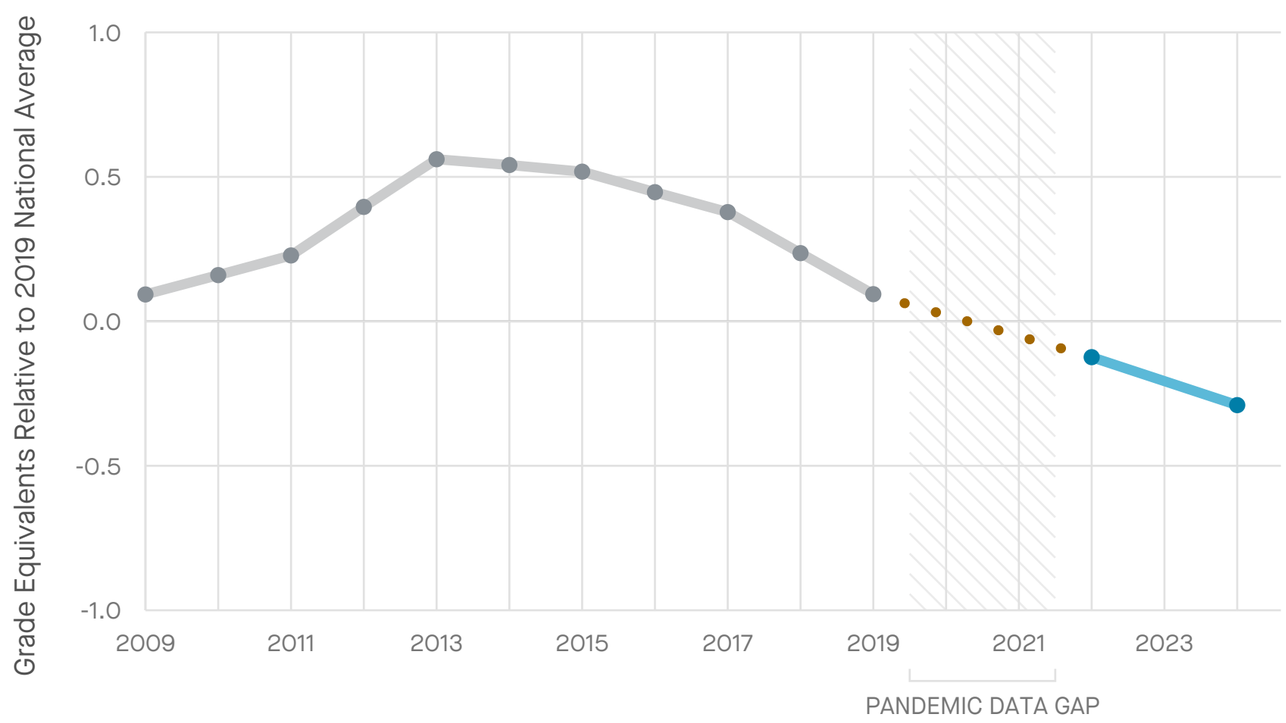
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	0.08
2022 Average	-0.13
2024 Average	-0.38
2019-2022 Change	-0.20
2022-2024 Change	-0.25
Since 2019	-0.45

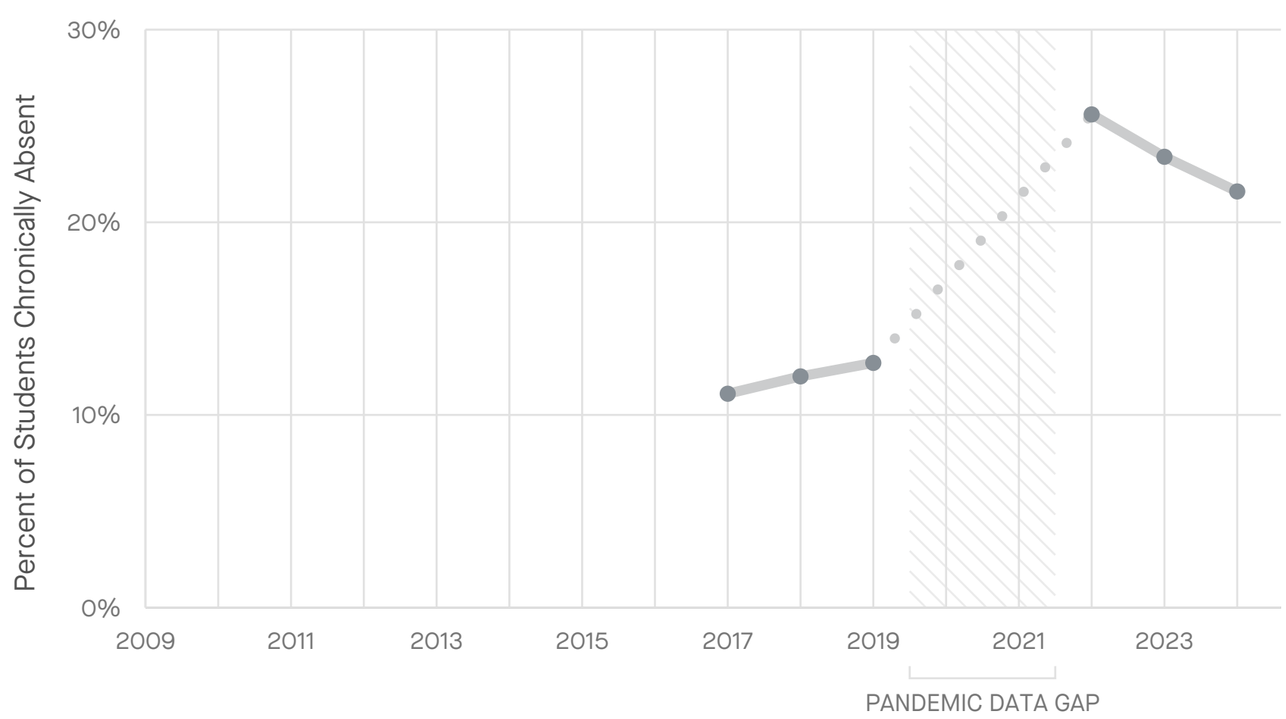
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	0.09
2022 Average	-0.12
2024 Average	-0.29
2019-2022 Change	-0.22
2022-2024 Change	-0.17
Since 2019	-0.39

Absenteeism, Grades 3-8, 2009-2024



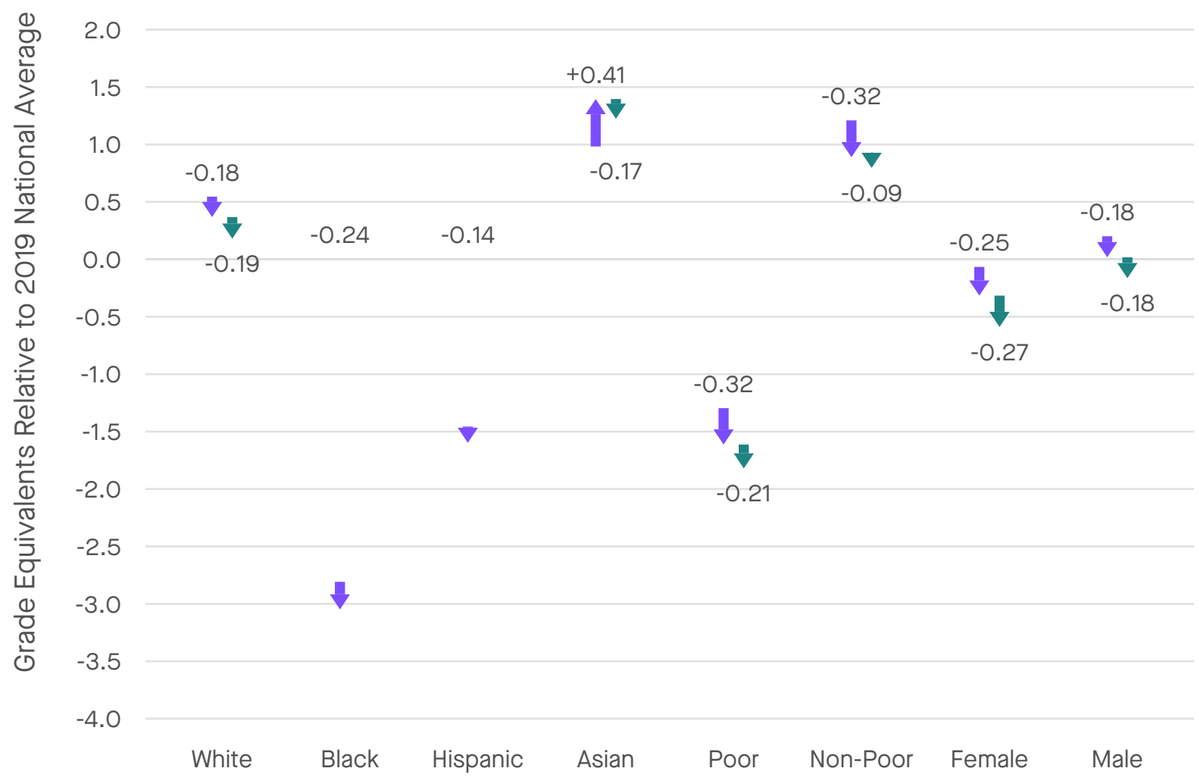
Absenteeism

2019-2023 Change	+0.11
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Iowa

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

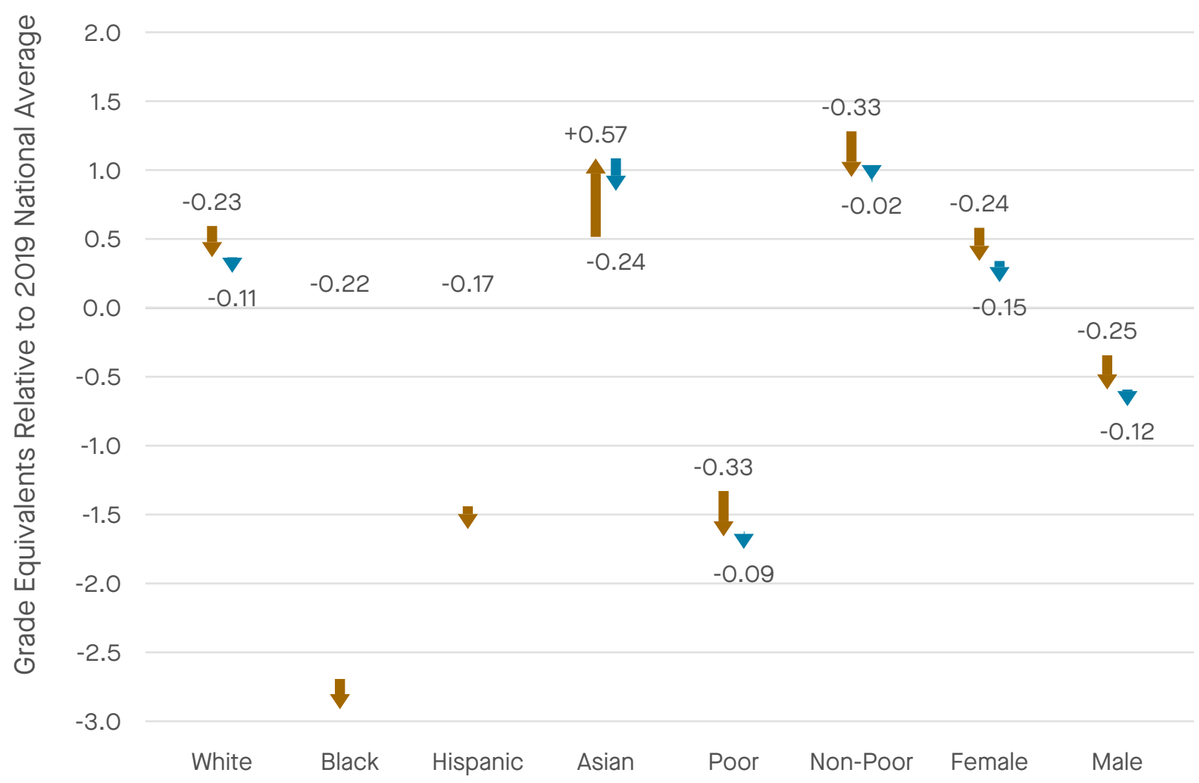


Average Math Scores and Trends in Scores

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	0.55	0.37	0.18	↓ -0.18	↓ -0.19	↓ -0.37
Black	-2.81	-3.05	N/A	↓ -0.24	N/A	N/A
Hispanic	-1.46	-1.60	N/A	↓ -0.14	N/A	N/A
Asian	0.98	1.40	1.22	↑ 0.41	↓ -0.17	↑ 0.24
Poor	-1.30	-1.61	-1.82	↓ -0.32	↓ -0.21	↓ -0.53
Non-Poor	1.21	0.89	0.80	↓ -0.32	↓ -0.09	↓ -0.41
Female	-0.07	-0.32	-0.59	↓ -0.25	↓ -0.27	↓ -0.52
Male	0.20	0.02	-0.16	↓ -0.18	↓ -0.18	↓ -0.36

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

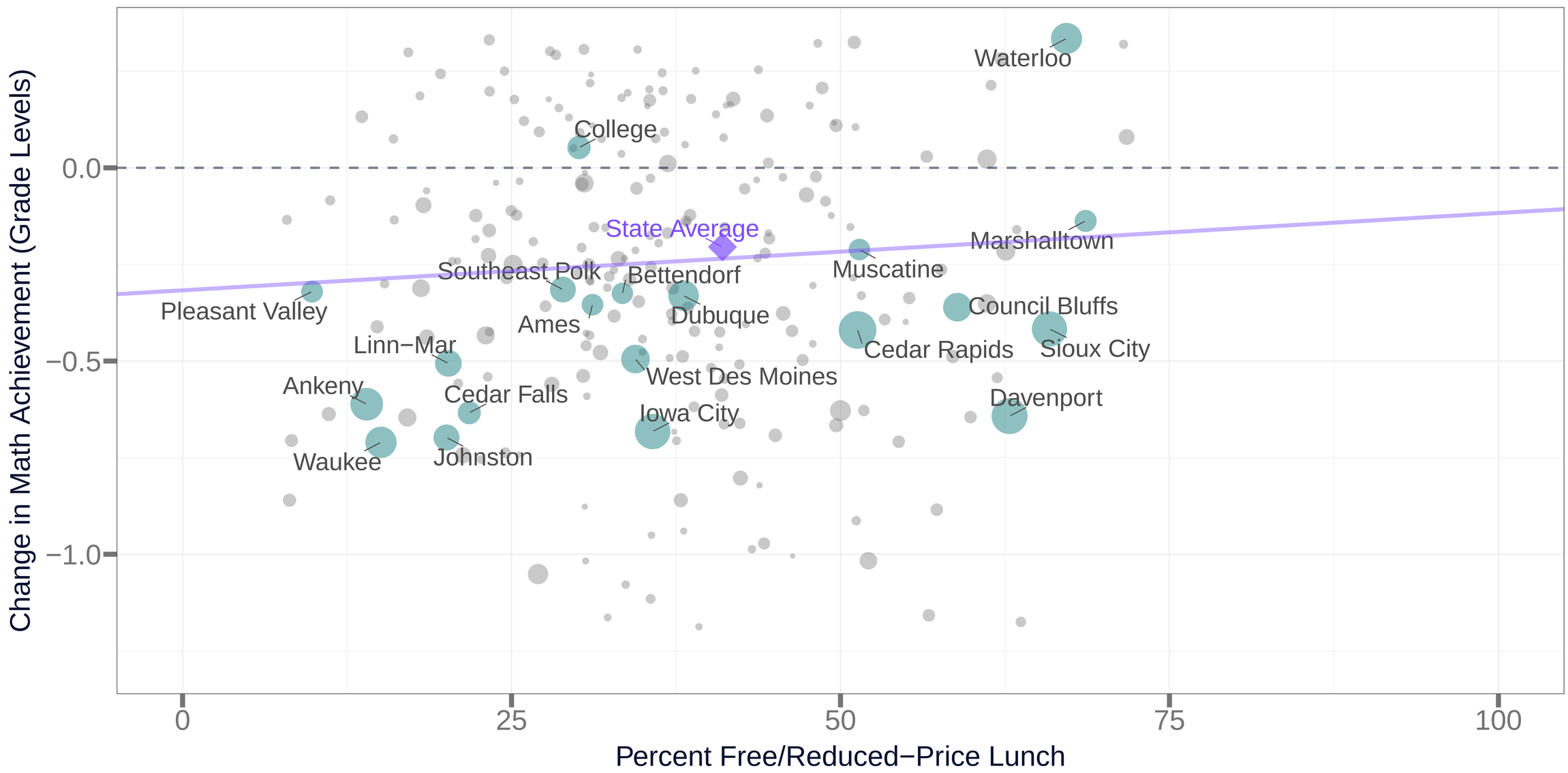


Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

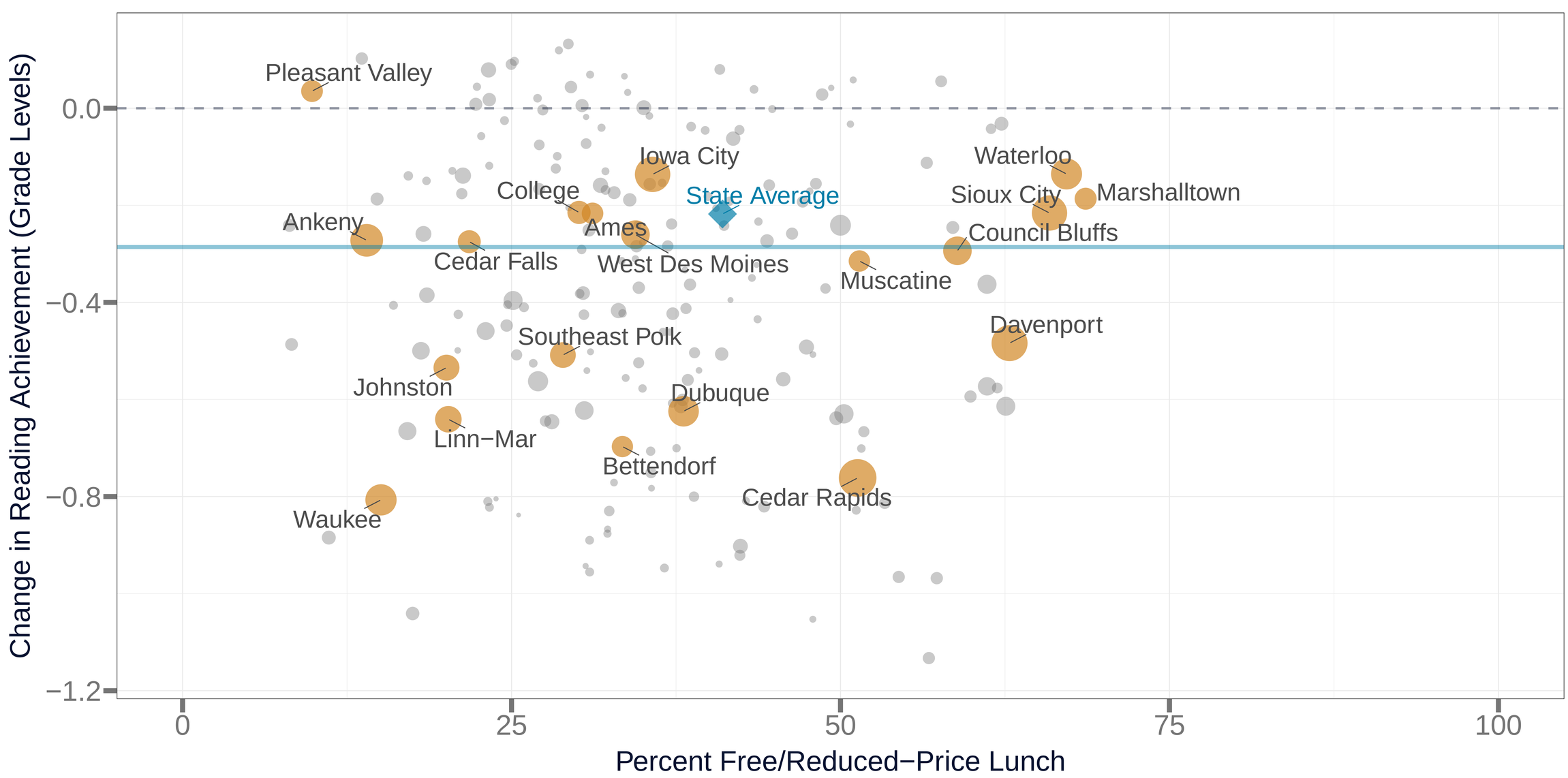
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	0.59	0.37	0.25	↓ -0.23	↓ -0.11	↓ -0.34
Black	-2.69	-2.91	N/A	↓ -0.22	N/A	N/A
Hispanic	-1.44	-1.61	N/A	↓ -0.17	N/A	N/A
Asian	0.52	1.08	0.85	↑ 0.57	↓ -0.24	↑ 0.33
Poor	-1.33	-1.66	-1.75	↓ -0.33	↓ -0.09	↓ -0.42
Non-Poor	1.28	0.95	0.93	↓ -0.33	↓ -0.02	↓ -0.36
Female	0.58	0.34	0.19	↓ -0.24	↓ -0.15	↓ -0.40
Male	-0.34	-0.59	-0.71	↓ -0.25	↓ -0.12	↓ -0.37

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



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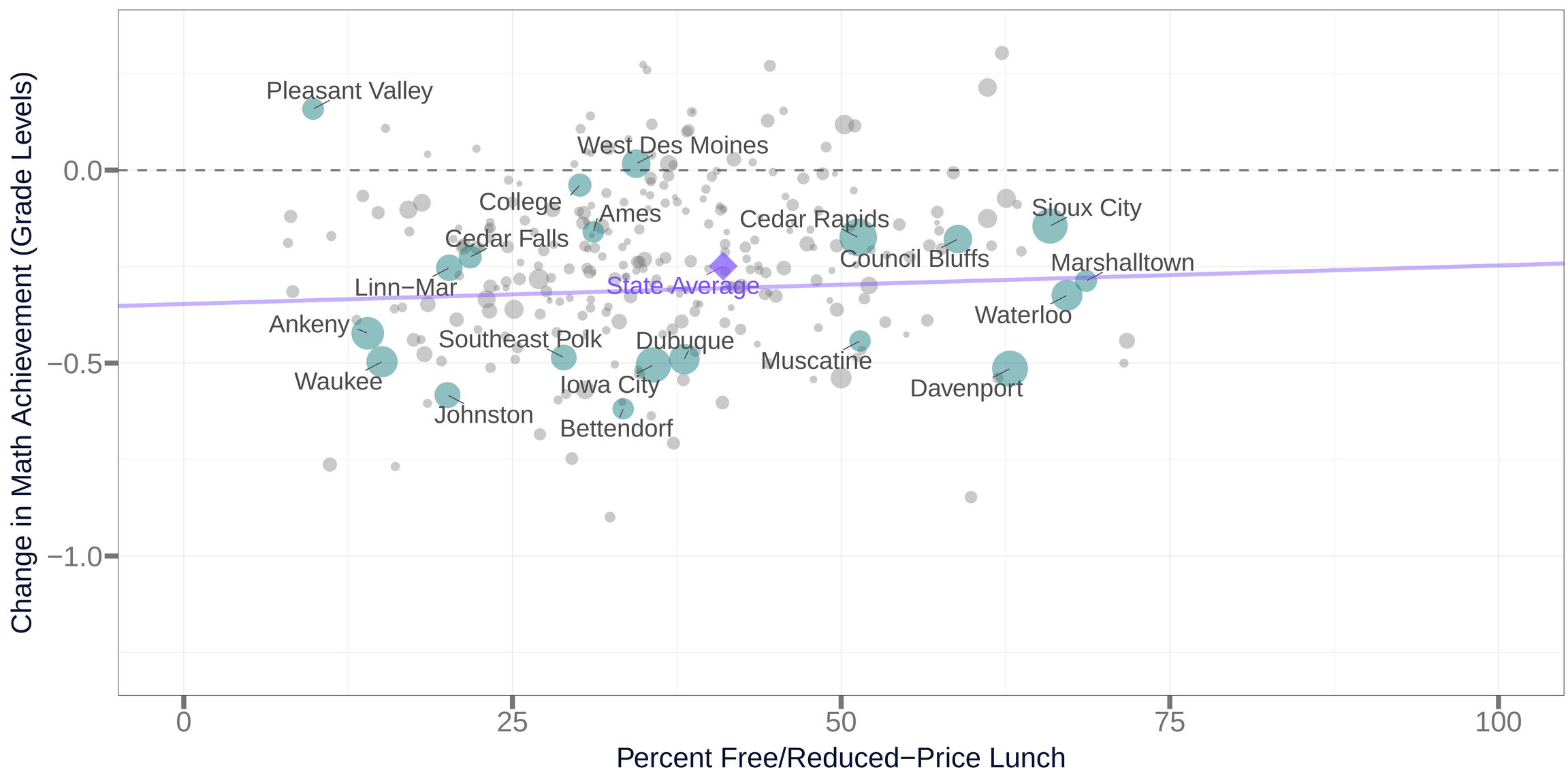
Change in Math Achievement 2022−2024
by Percent FRPL in Iowa Districts



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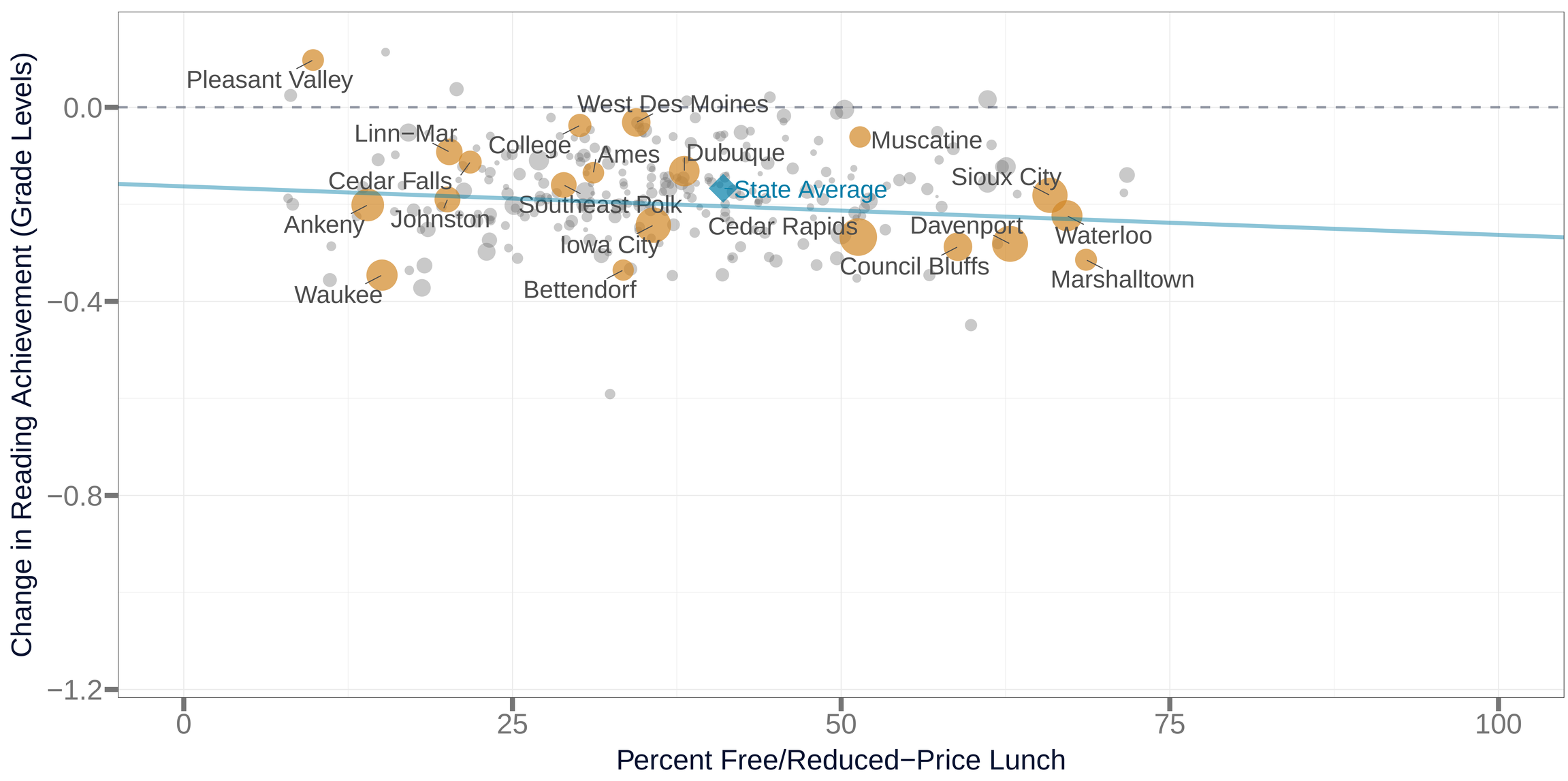
Change in Reading Achievement 2022−2024
by Percent FRPL in Iowa Districts



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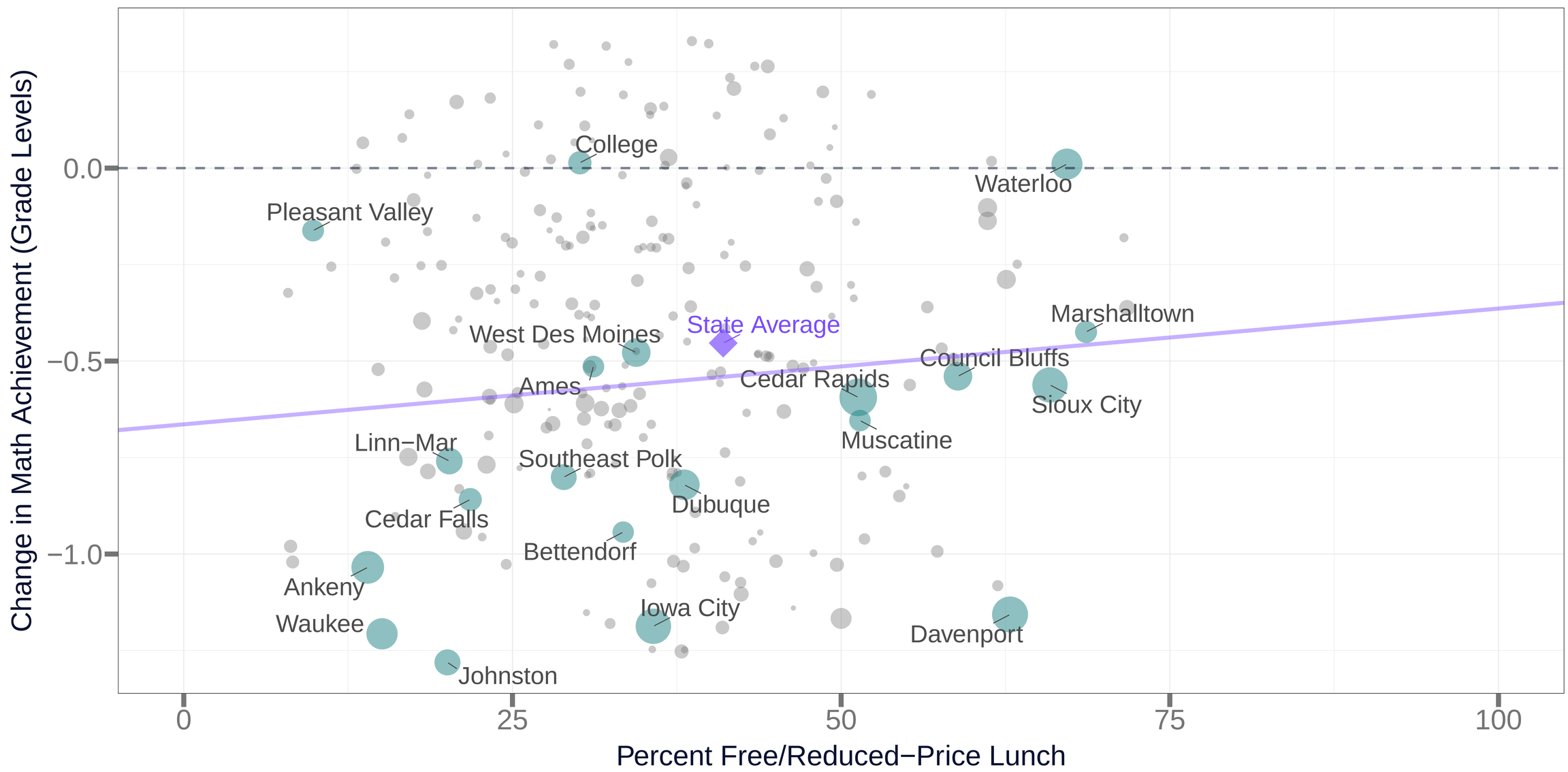
Change in Math Achievement 2019−2024
by Percent FRPL in Iowa Districts



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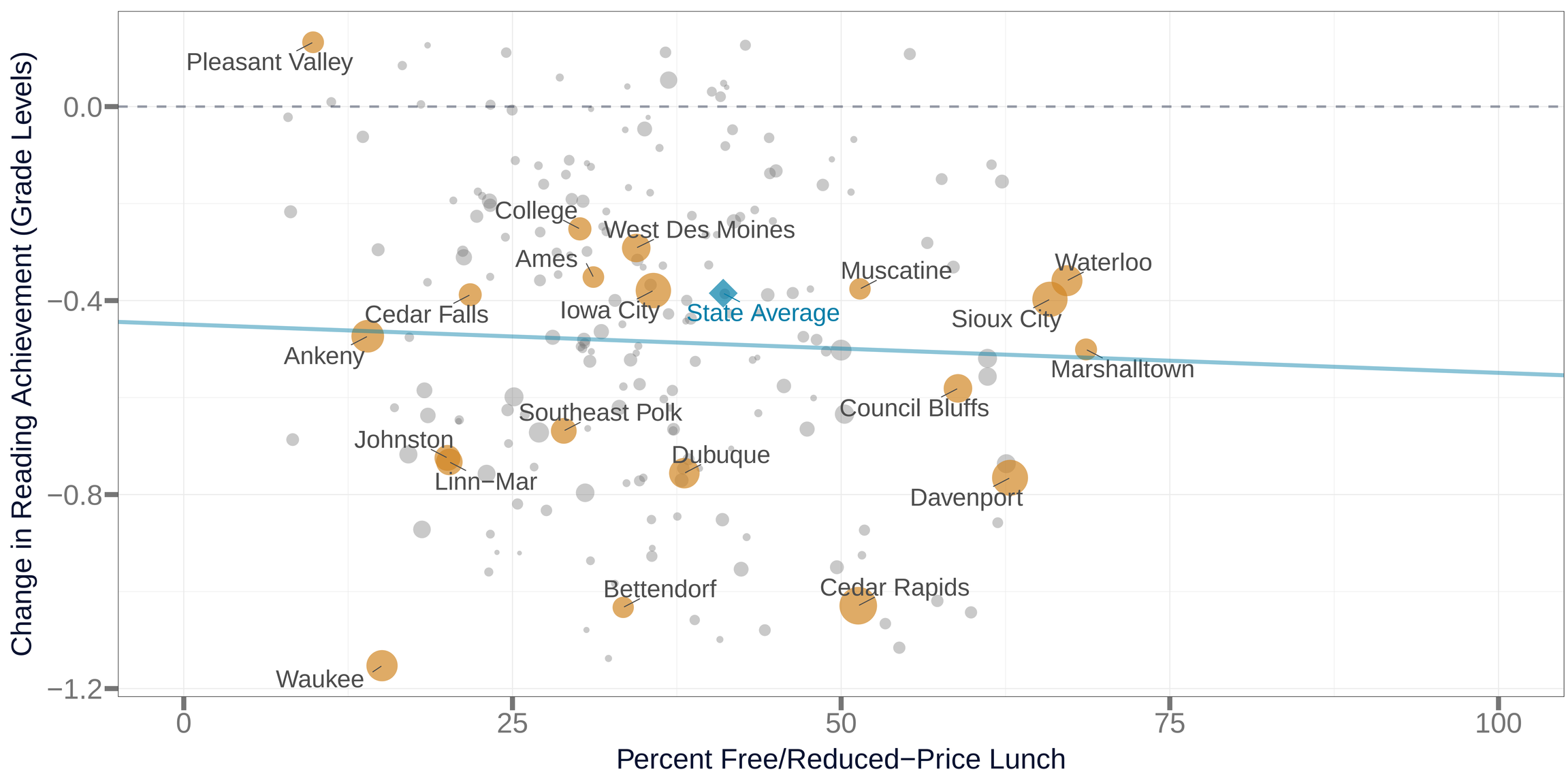
Change in Reading Achievement 2019−2024
by Percent FRPL in Iowa Districts



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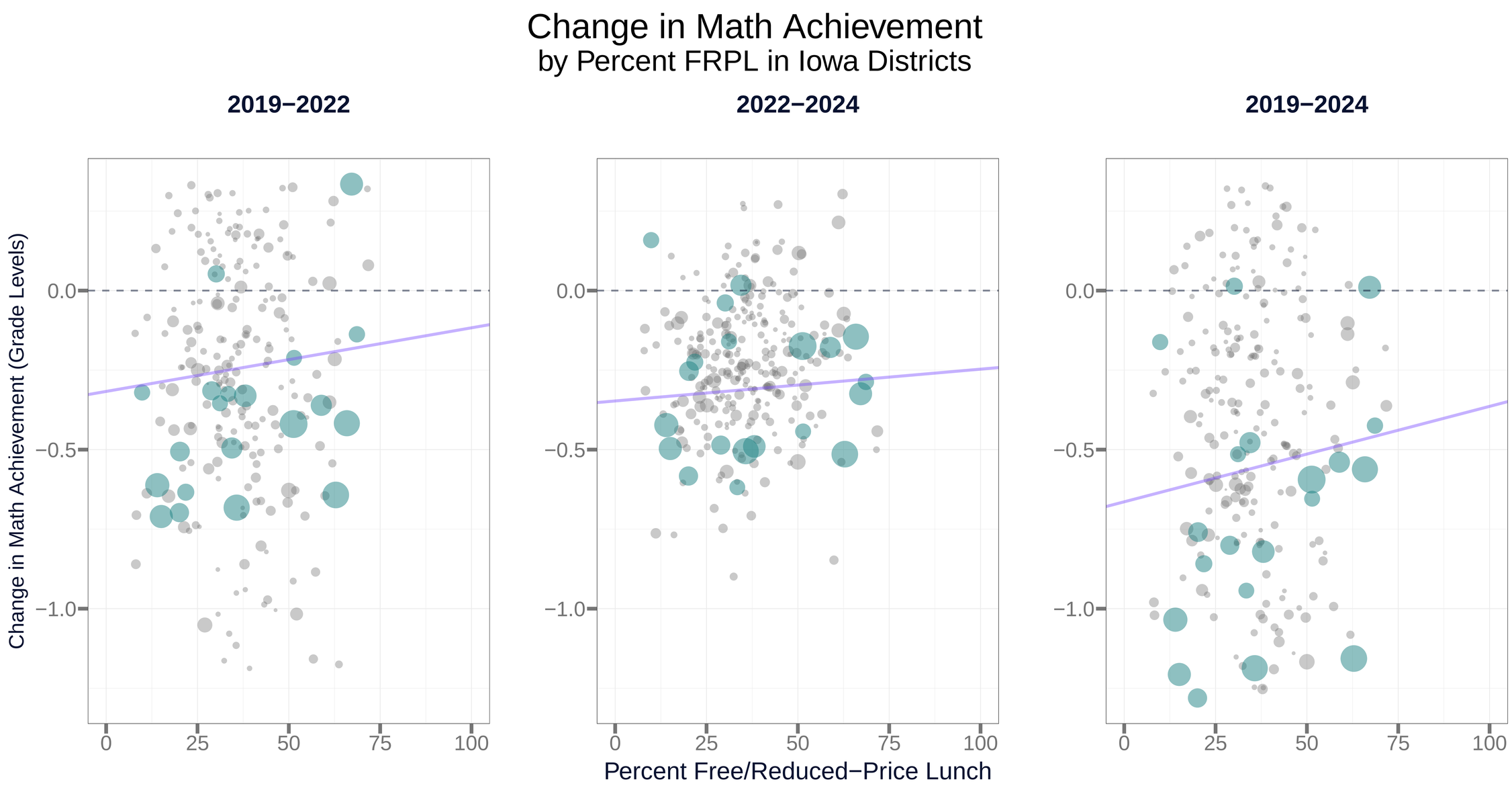

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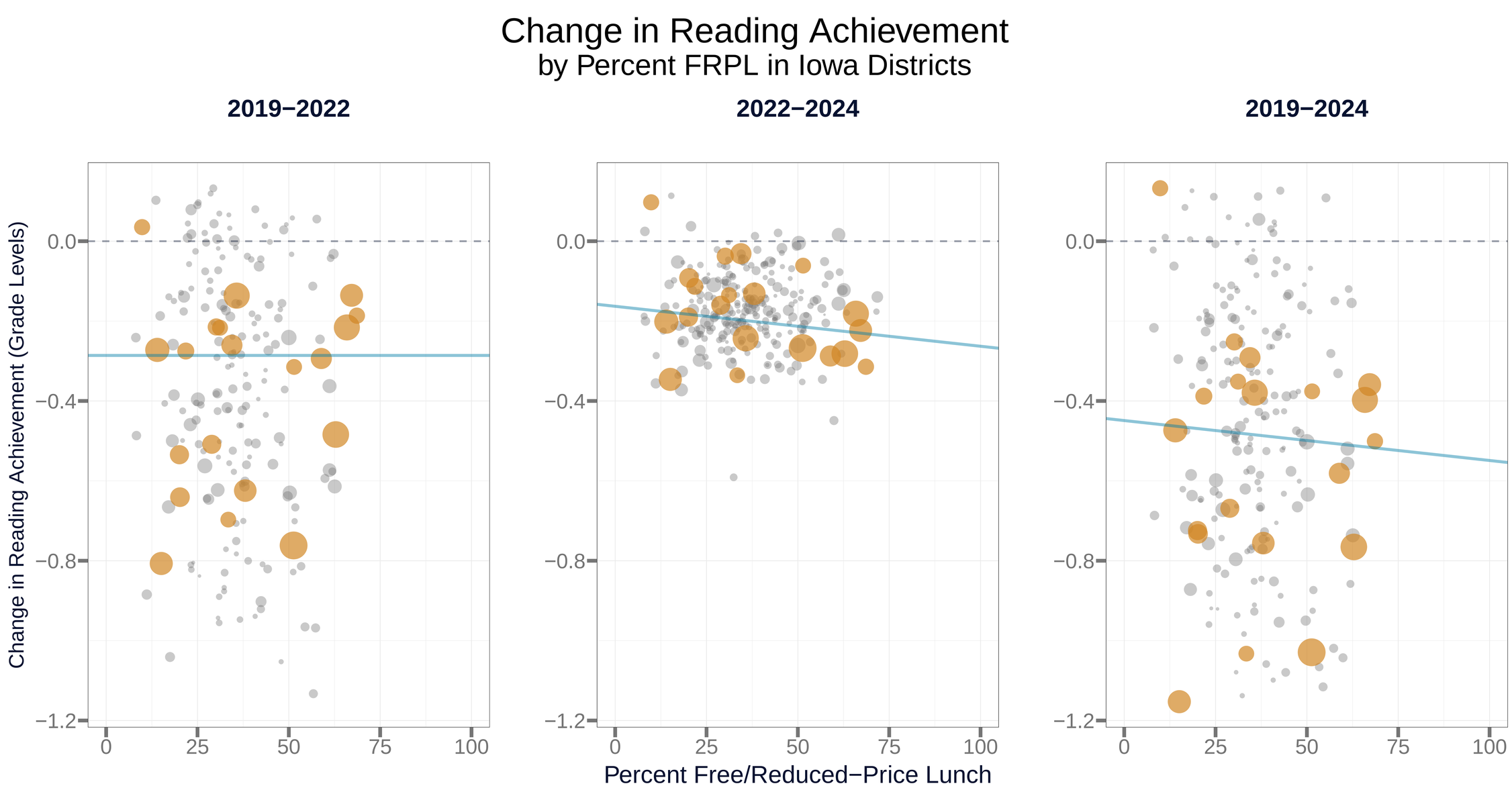

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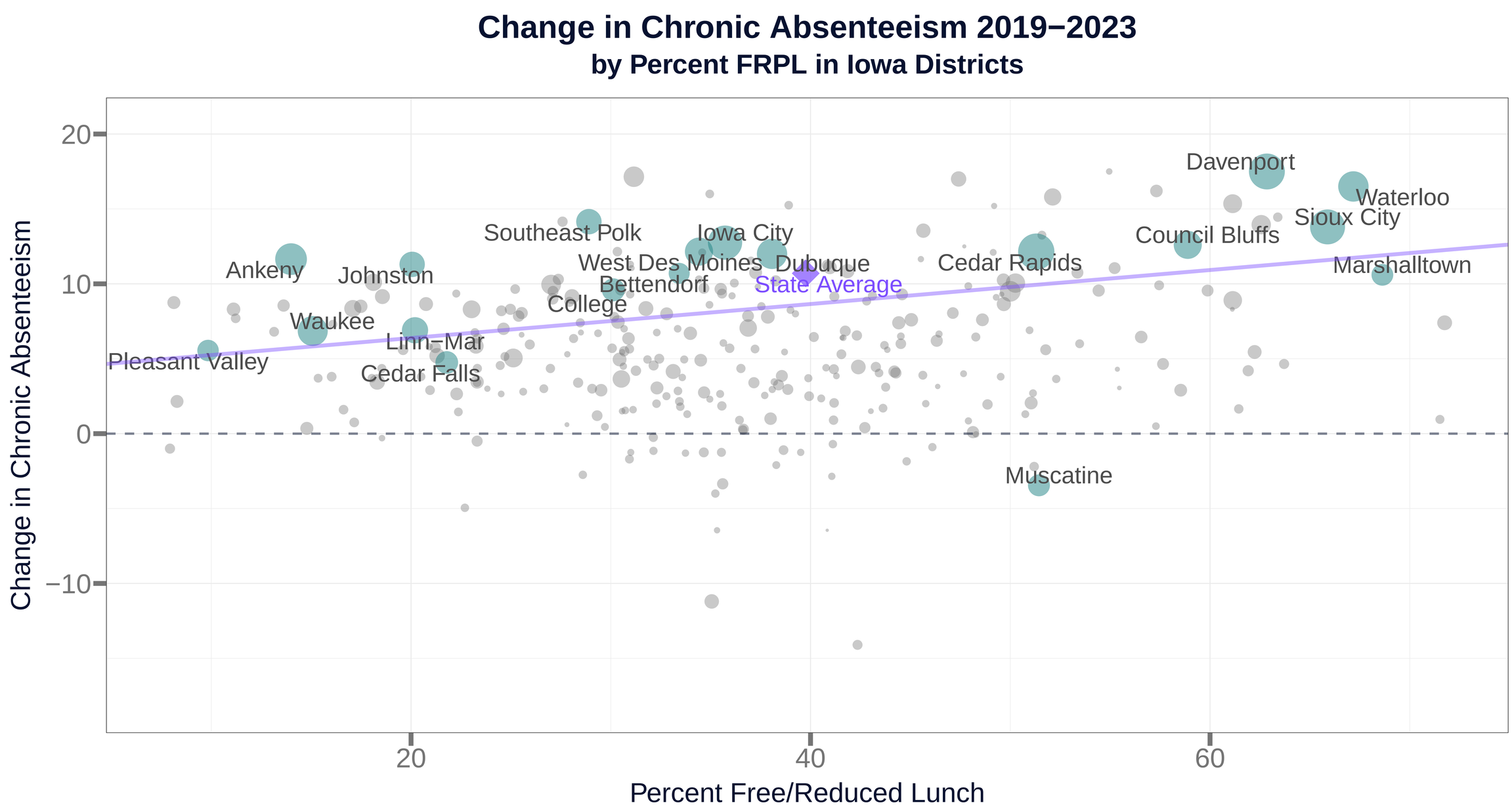

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