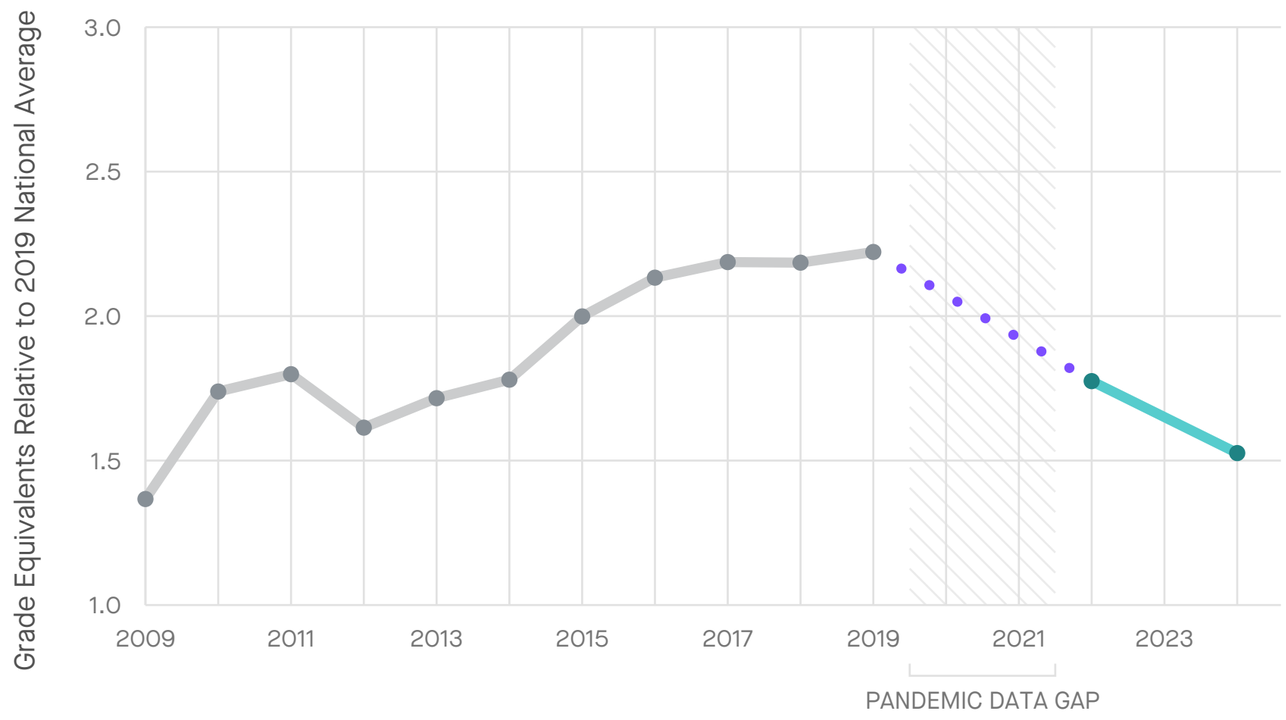
Vail Unified District (4413), AZ

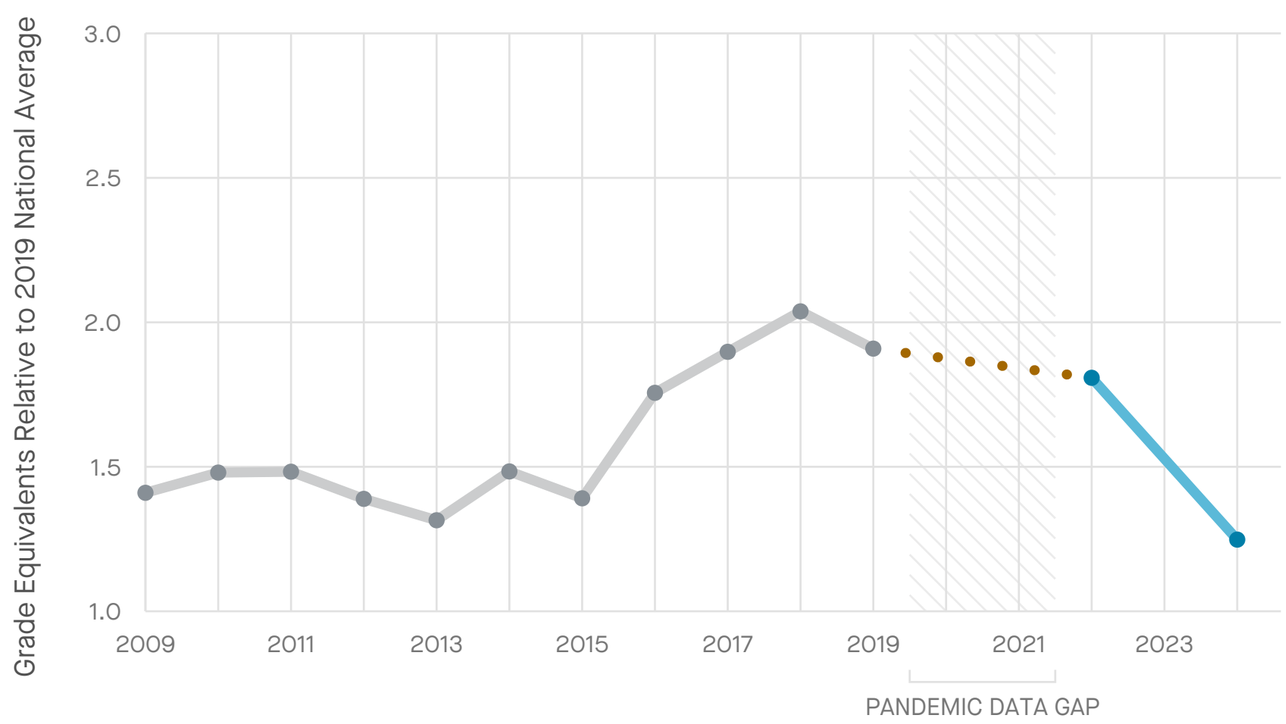
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	2.22
2022 Average	1.77
2024 Average	1.53
2019-2022 Change	-0.45
2022-2024 Change	-0.25
Since 2019	-0.70

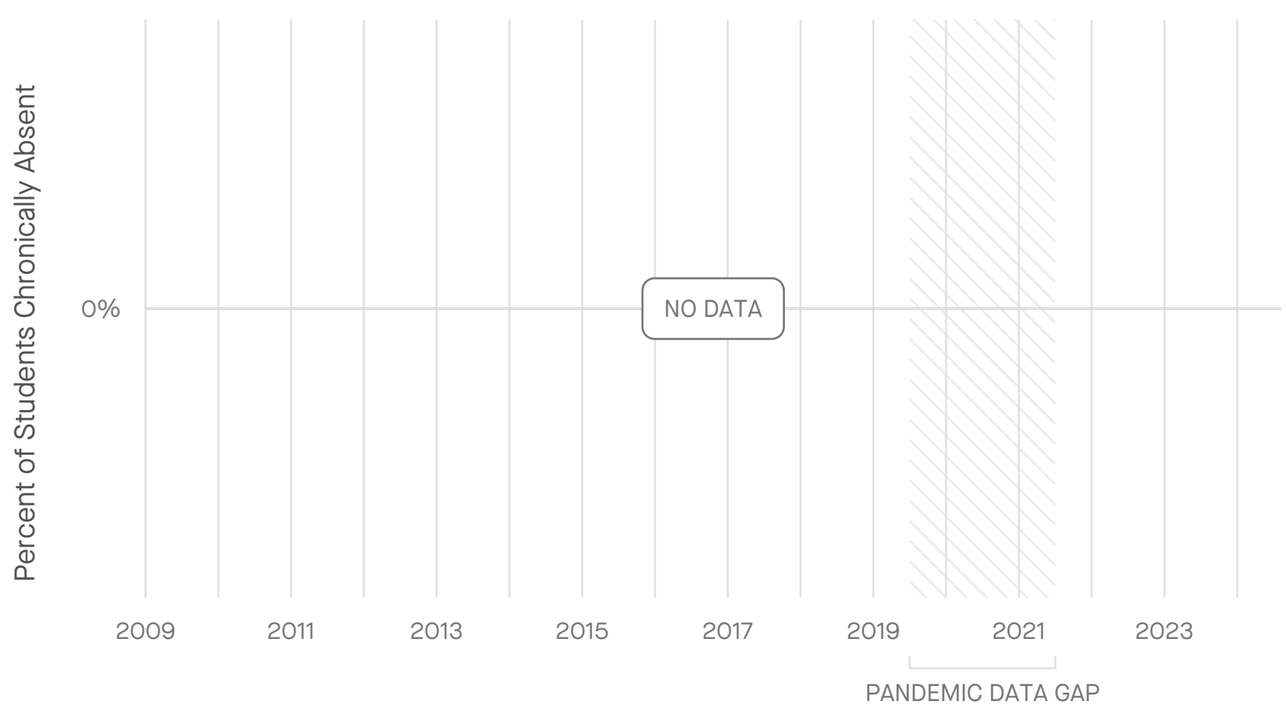
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	1.91
2022 Average	1.81
2024 Average	1.25
2019-2022 Change	-0.10
2022-2024 Change	-0.56
Since 2019	-0.66

Absenteeism, Grades 3-8, 2009-2024



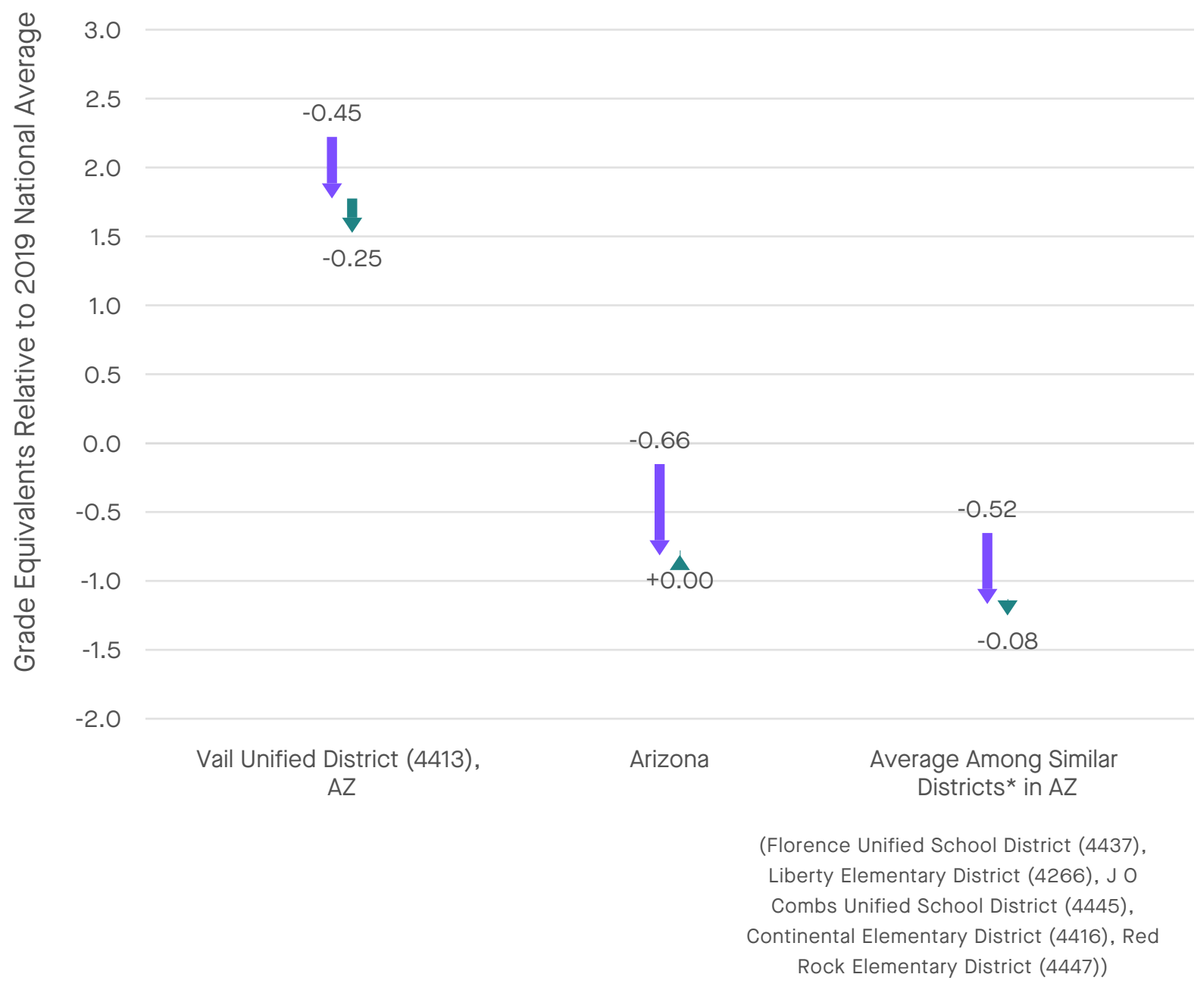
Absenteeism

2019-2023 Change	N/A
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Vail Unified District (4413), AZ

Math Performance in Vail Unified District (4413) vs. Arizona and Similar Districts, Grades 3-8, 2019-2024



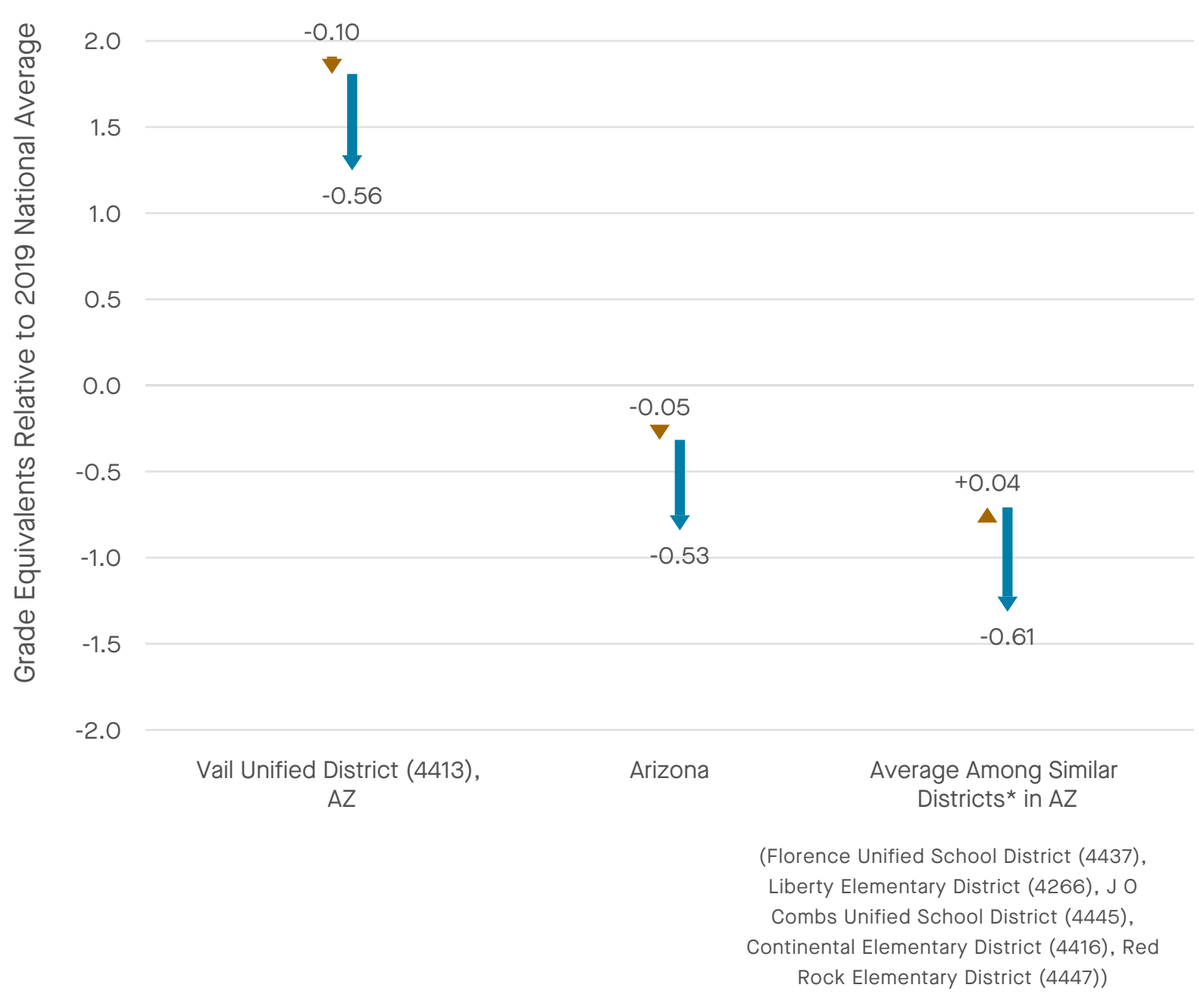
Average Math Scores and Trends in Scores

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
Vail Unified District (4413), AZ	2.22	1.77	1.53	↓ -0.45	↓ -0.25	↓ -0.70
Arizona	-0.15	-0.82	-0.81	↓ -0.66	↑ 0.00	↓ -0.66
Similar Districts* in Arizona	-0.65	-1.17	-1.25	↓ -0.52	↓ -0.08	↓ -0.60

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

Reading Performance in Vail Unified District (4413) vs. Arizona and Similar Districts, Grades 3-8, 2019-2024



Average Reading Scores and Trends in Scores

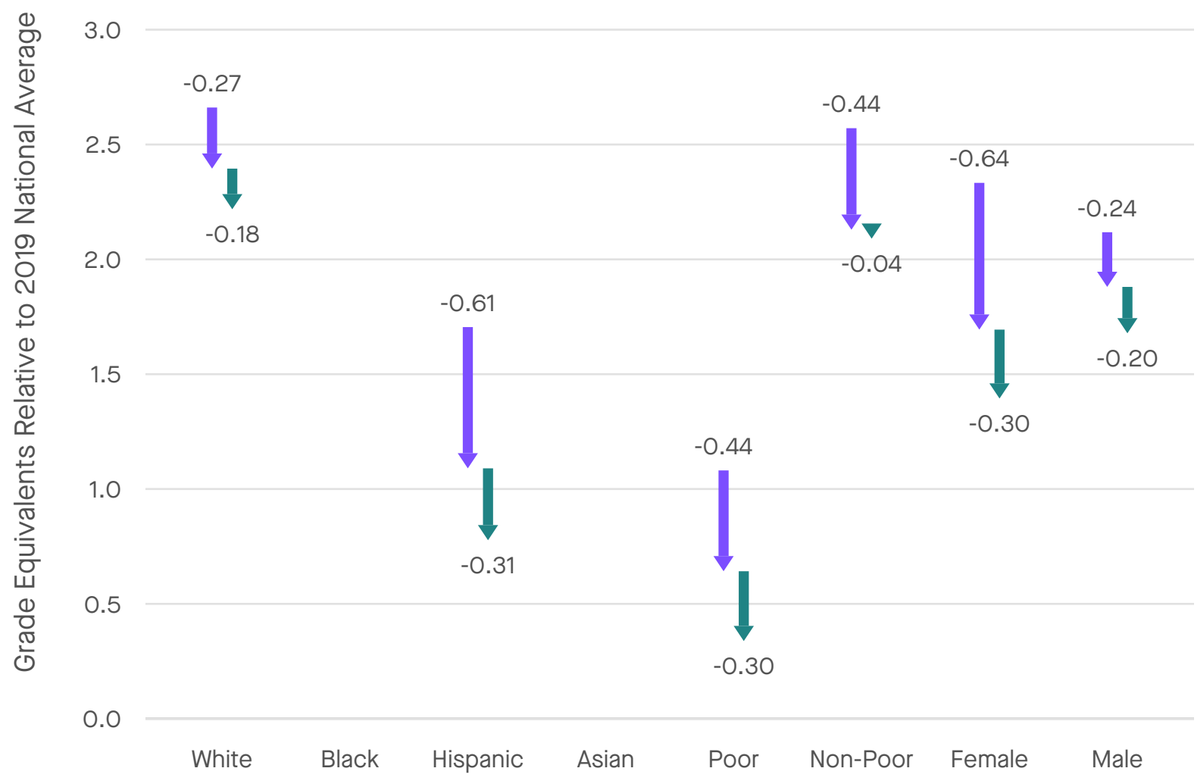
in Grade Level Equivalents Relative to the 2019 National Average

	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Vail Unified District (4413), AZ	1.91	1.81	1.25	↓ -0.10	↓ -0.56	↓ -0.66
Arizona	-0.26	-0.32	-0.84	↓ -0.05	↓ -0.53	↓ -0.58
Similar Districts* in Arizona	-0.75	-0.71	-1.31	↑ 0.04	↓ -0.61	↓ -0.57

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

Vail Unified District (4413), AZ

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

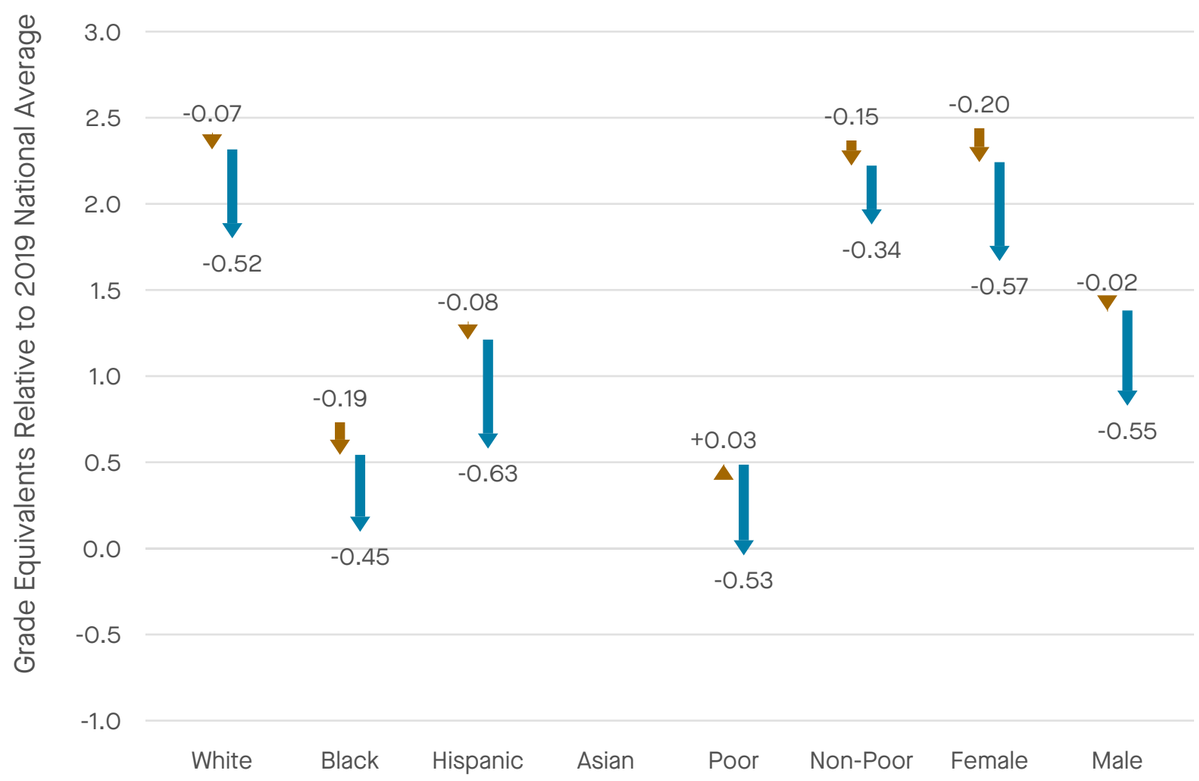


Average Math Scores and Trends in Scores

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	2.66	2.40	2.22	-0.27	-0.18	-0.44
Black	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	1.71	1.09	0.78	-0.61	-0.31	-0.93
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	1.08	0.64	0.34	-0.44	-0.30	-0.74
Non-Poor	2.57	2.13	2.09	-0.44	-0.04	-0.48
Female	2.33	1.69	1.39	-0.64	-0.30	-0.94
Male	2.12	1.88	1.68	-0.24	-0.20	-0.44

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



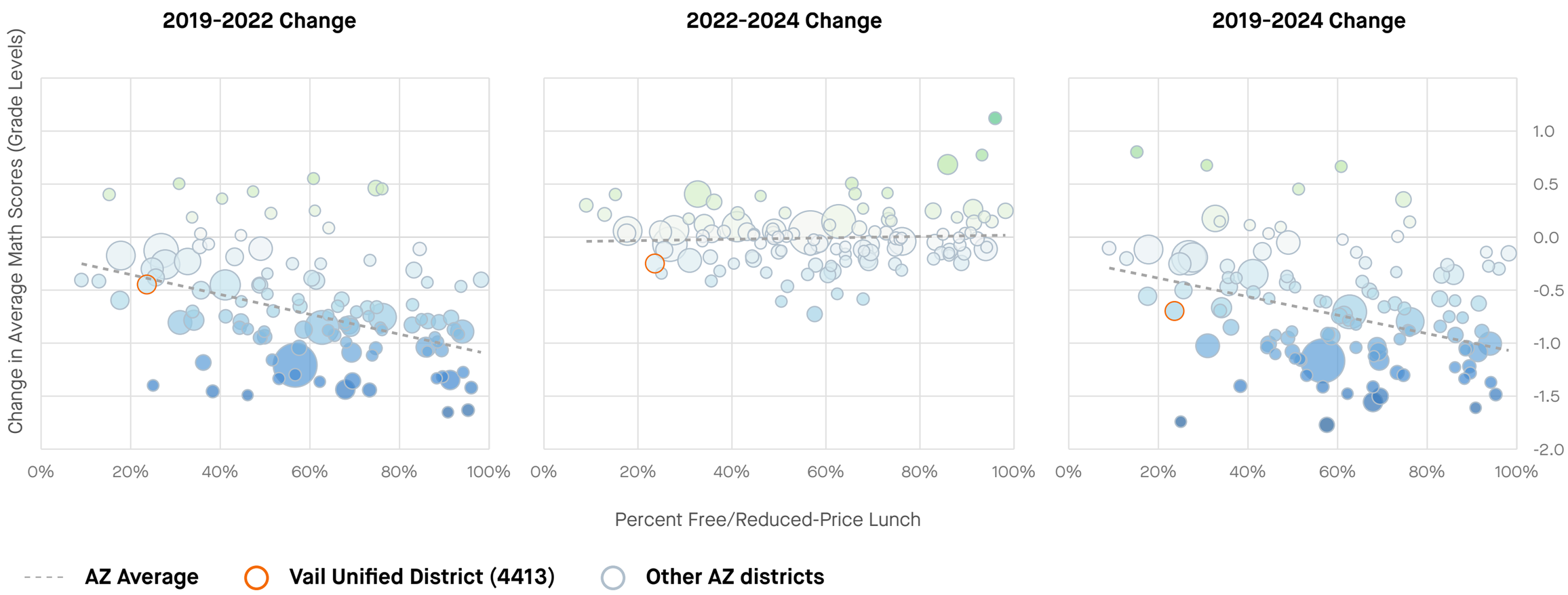
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

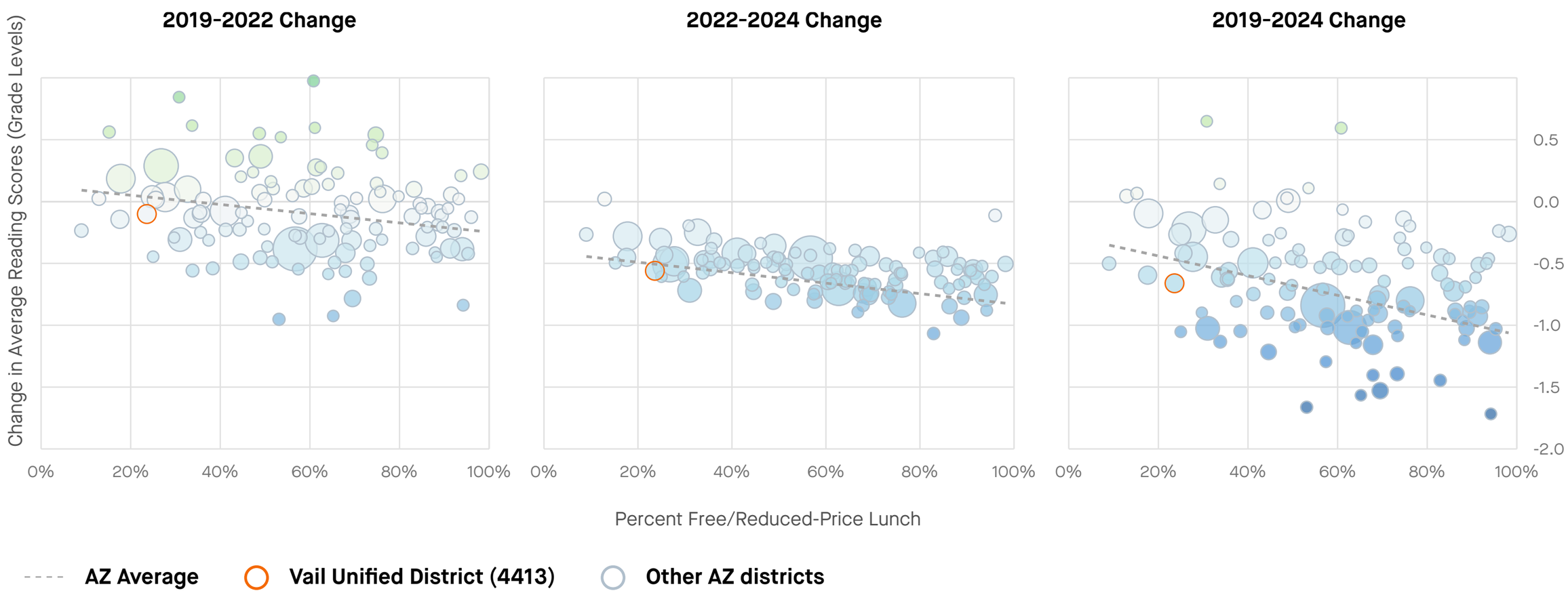
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	2.38	2.32	1.80	-0.07	-0.52	-0.58
Black	0.73	0.54	0.10	-0.19	-0.45	-0.64
Hispanic	1.29	1.21	0.58	-0.08	-0.63	-0.71
Asian	N/A	N/A	N/A	N/A	N/A	N/A
Poor	0.46	0.49	-0.04	0.03	-0.53	-0.50
Non-Poor	2.37	2.22	1.88	-0.15	-0.34	-0.49
Female	2.44	2.24	1.67	-0.20	-0.57	-0.77
Male	1.40	1.38	0.83	-0.02	-0.55	-0.58

Vail Unified District (4413), AZ

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

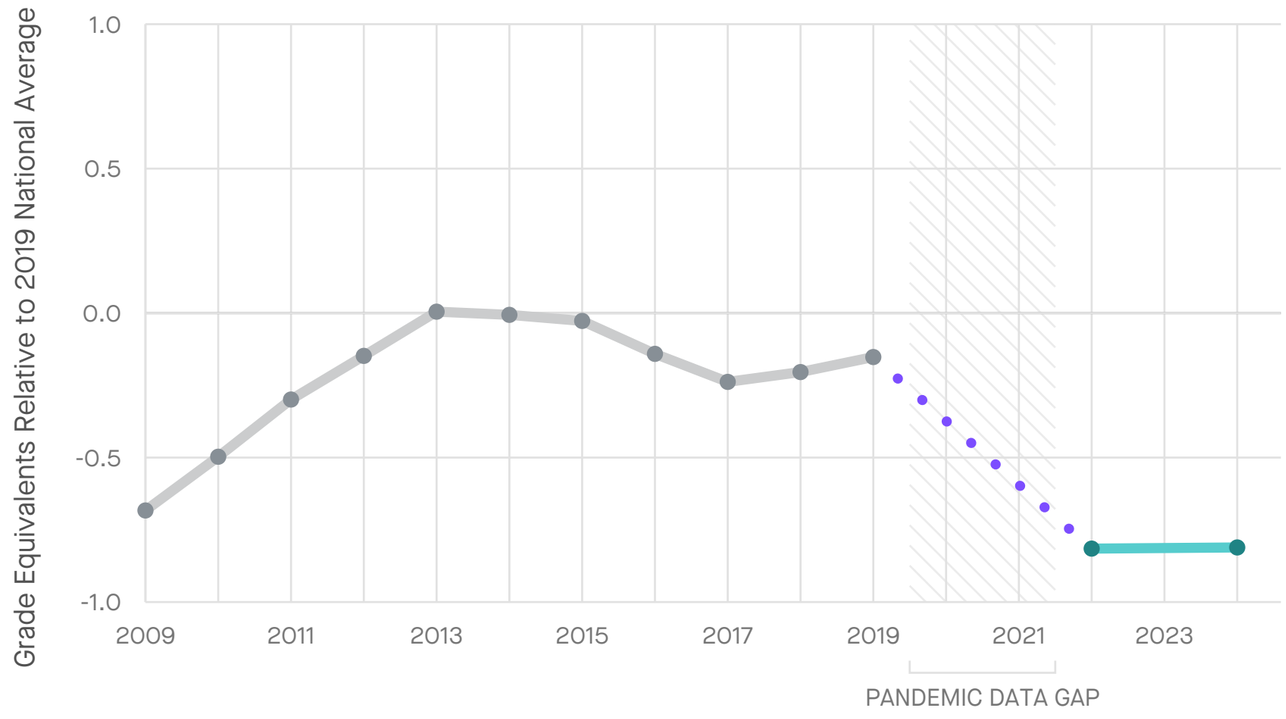


Change in Reading Performance in Arizona Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



Arizona

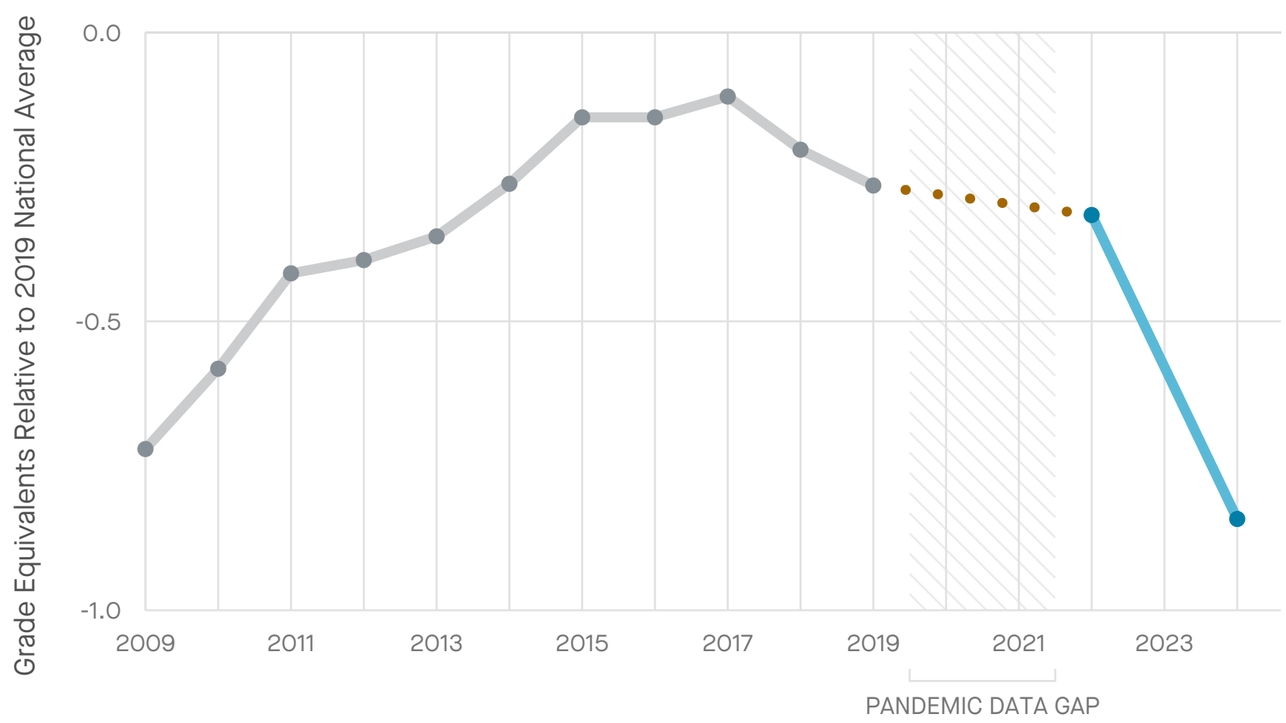
Math Performance, Grades 3-8, 2009-2024



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

2019 Average	-0.15
2022 Average	-0.81
2024 Average	-0.81
2019-2022 Change	-0.66
2022-2024 Change	+0.00
Since 2019	-0.66

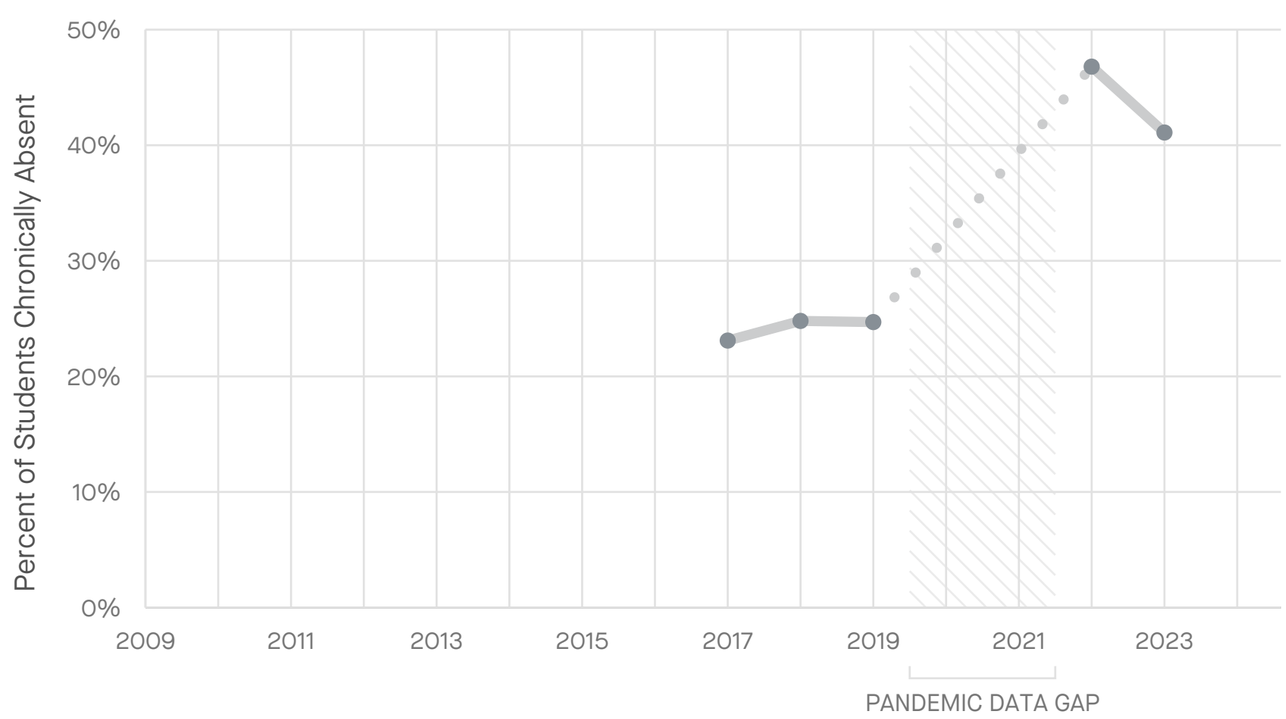
Reading Performance, Grades 3-8, 2009-2024



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

2019 Average	-0.27
2022 Average	-0.32
2024 Average	-0.84
2019-2022 Change	-0.05
2022-2024 Change	-0.53
Since 2019	-0.58

Absenteeism, Grades 3-8, 2009-2024



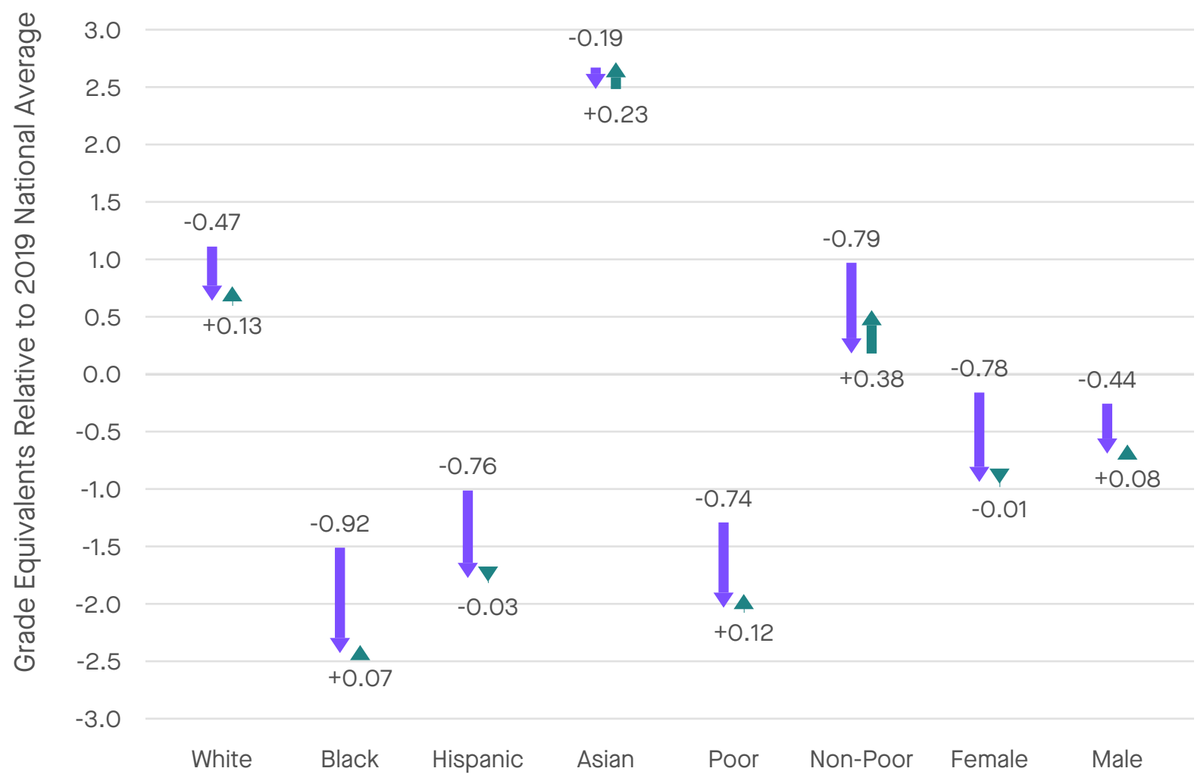
Absenteeism

2019-2023 Change	+0.16
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

Arizona

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

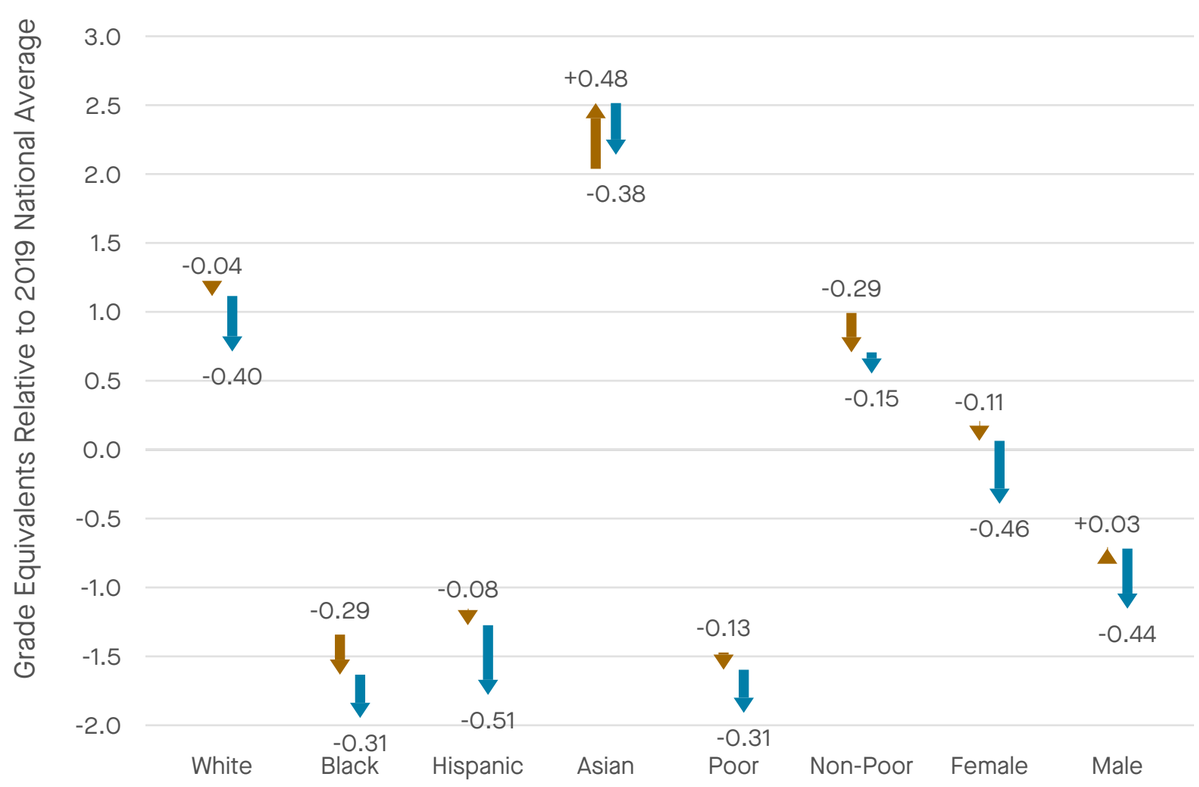


Average Math Scores and Trends in Scores

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	1.11	0.64	0.77	-0.47	0.13	-0.35
Black	-1.51	-2.43	-2.36	-0.92	0.07	-0.85
Hispanic	-1.01	-1.77	-1.81	-0.76	-0.03	-0.79
Asian	2.67	2.48	2.72	-0.19	0.23	0.05
Poor	-1.29	-2.03	-1.91	-0.74	0.12	-0.62
Non-Poor	0.97	0.18	0.56	-0.79	0.38	-0.41
Female	-0.16	-0.94	-0.95	-0.78	-0.01	-0.79
Male	-0.26	-0.69	-0.61	-0.44	0.08	-0.36

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

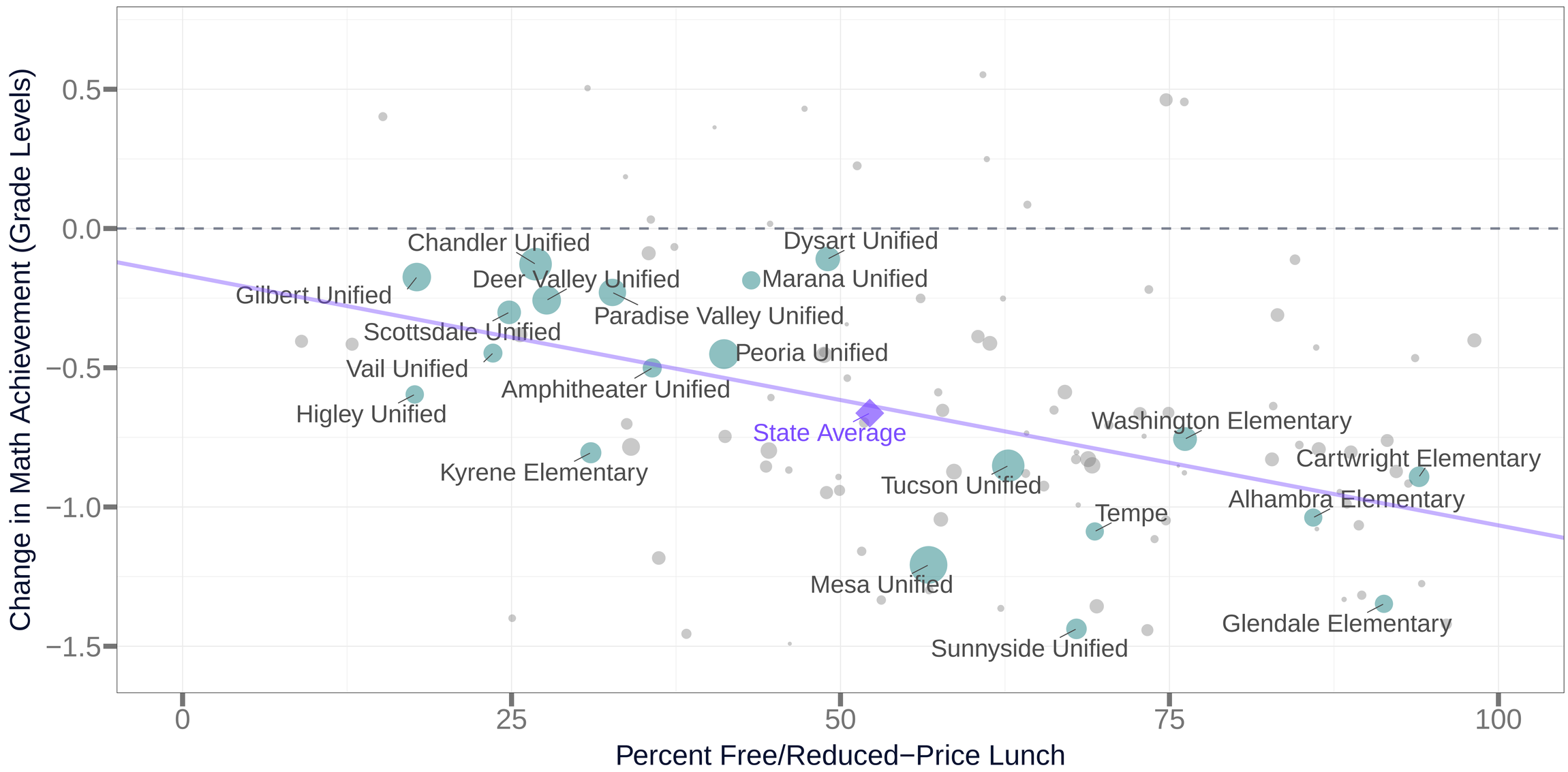


Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

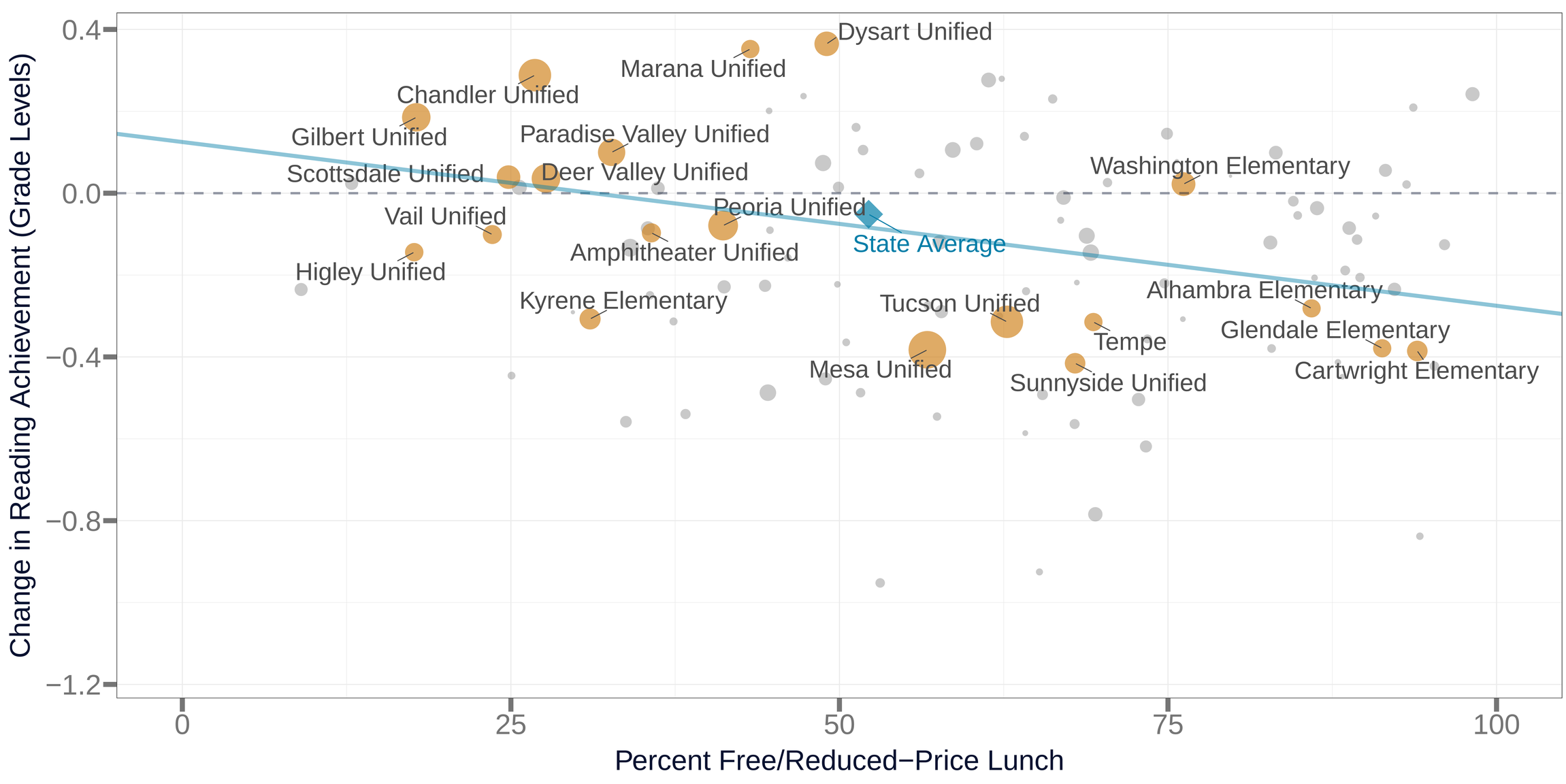
	2019 Average	2022 Average	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
White	1.16	1.11	0.71	-0.04	-0.40	-0.44
Black	-1.34	-1.63	-1.95	-0.29	-0.31	-0.60
Hispanic	-1.19	-1.27	-1.78	-0.08	-0.51	-0.59
Asian	2.04	2.52	2.14	0.48	-0.38	0.10
Poor	-1.47	-1.60	-1.91	-0.13	-0.31	-0.44
Non-Poor	0.99	0.71	0.55	-0.29	-0.15	-0.44
Female	0.17	0.06	-0.39	-0.11	-0.46	-0.56
Male	-0.74	-0.72	-1.15	0.03	-0.44	-0.41

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



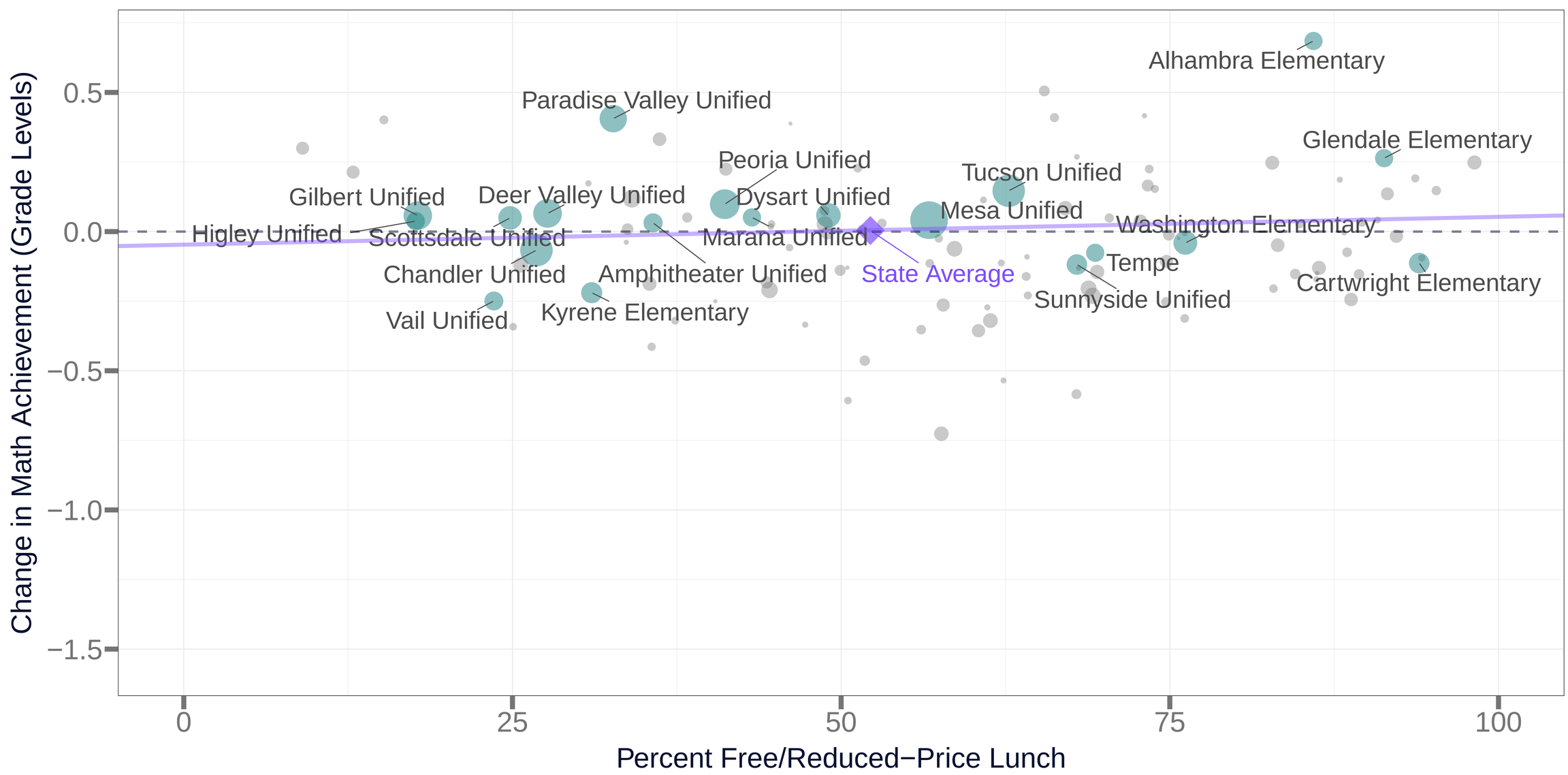
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



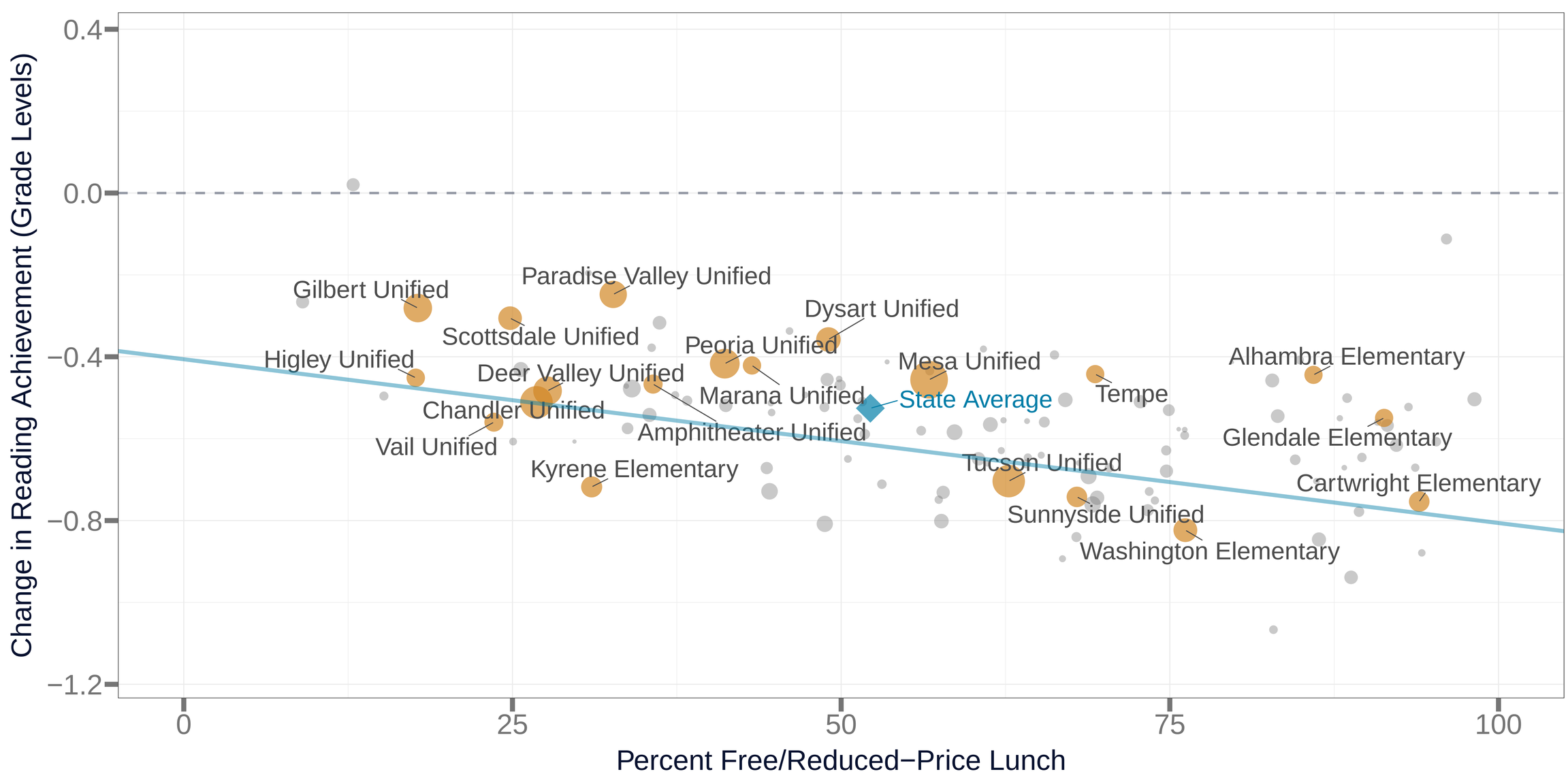
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



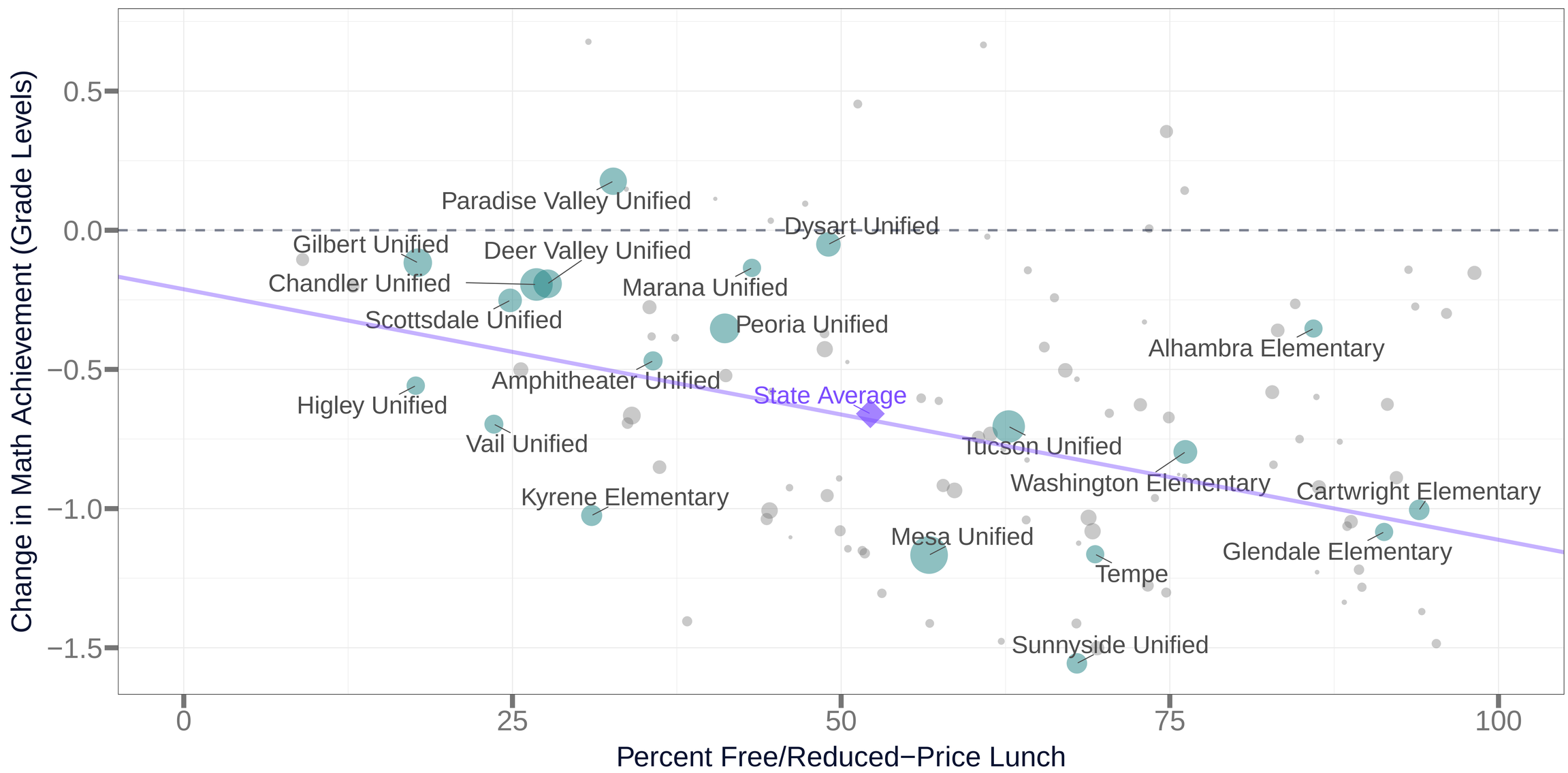
Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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



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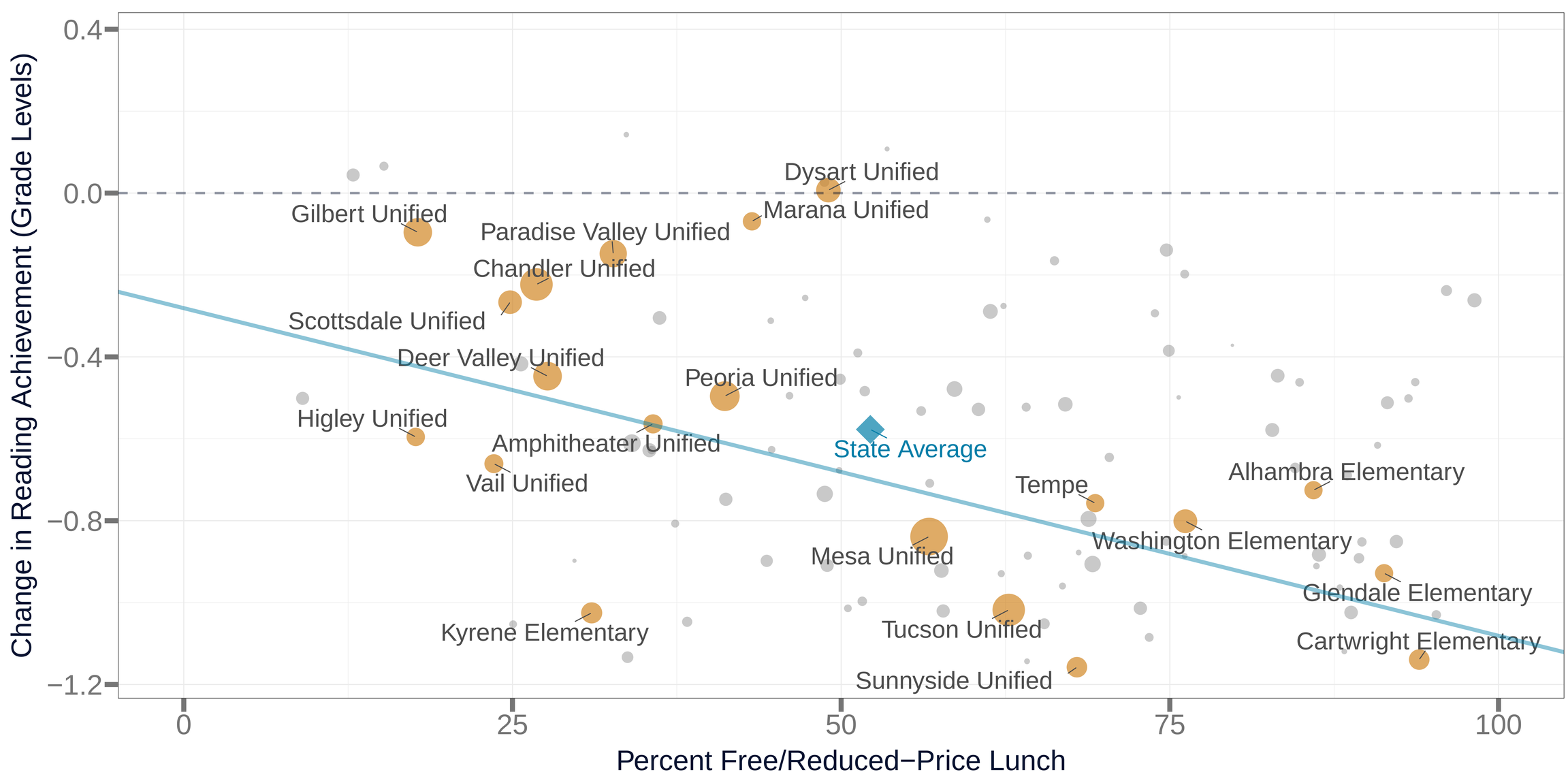
Change in Reading Achievement 2019−2024
by Percent FRPL in Arizona Districts



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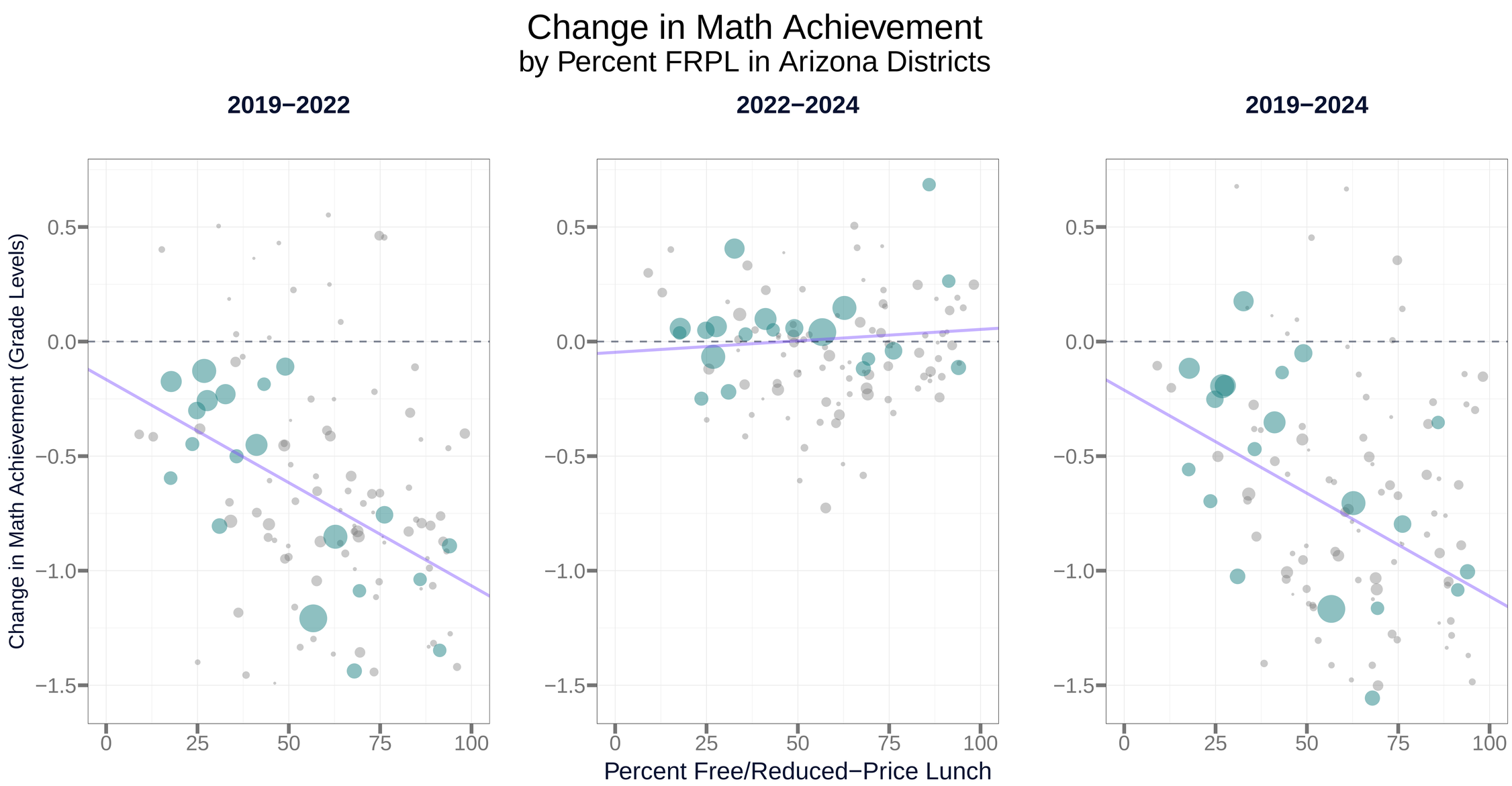

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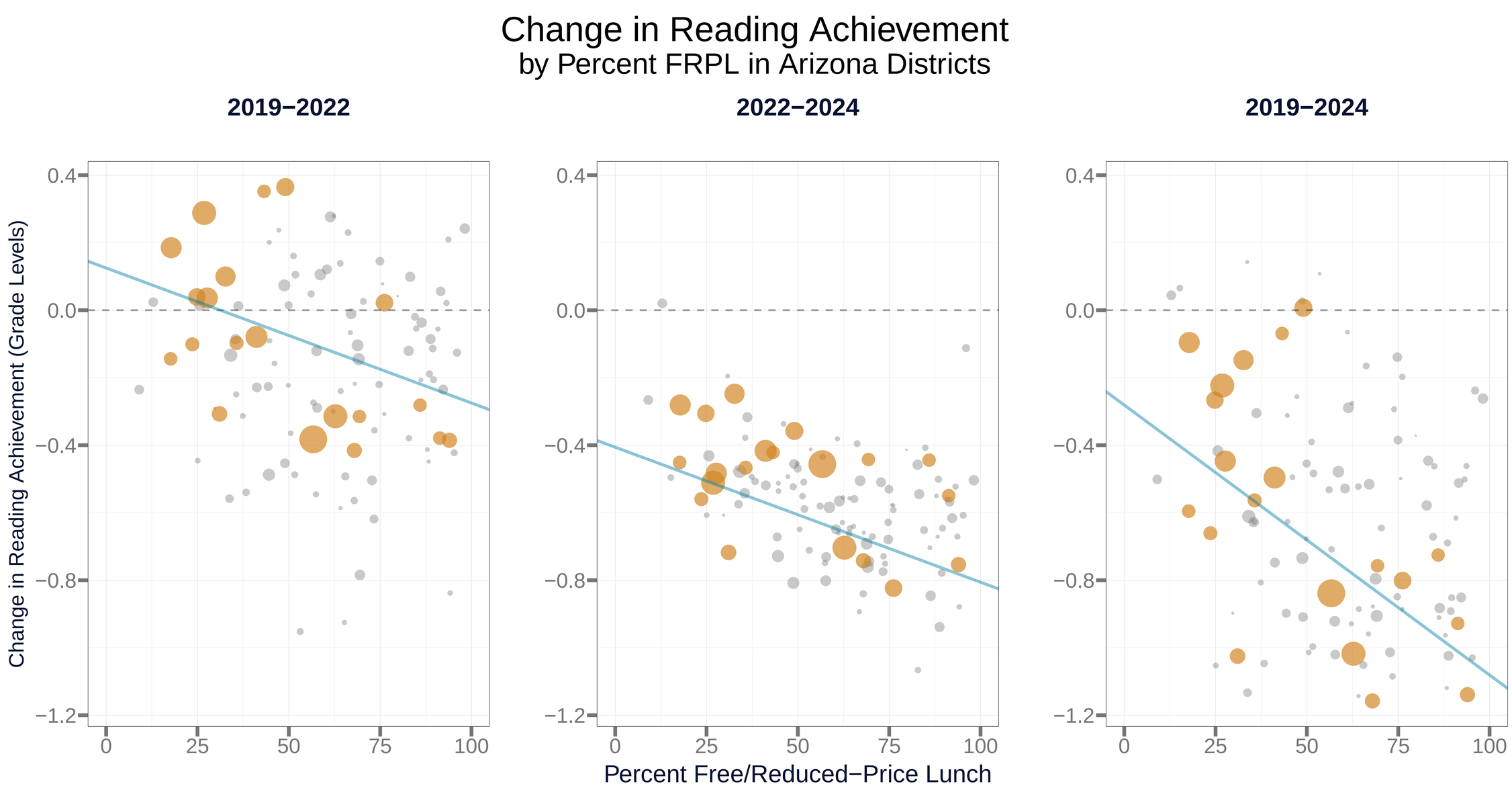

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