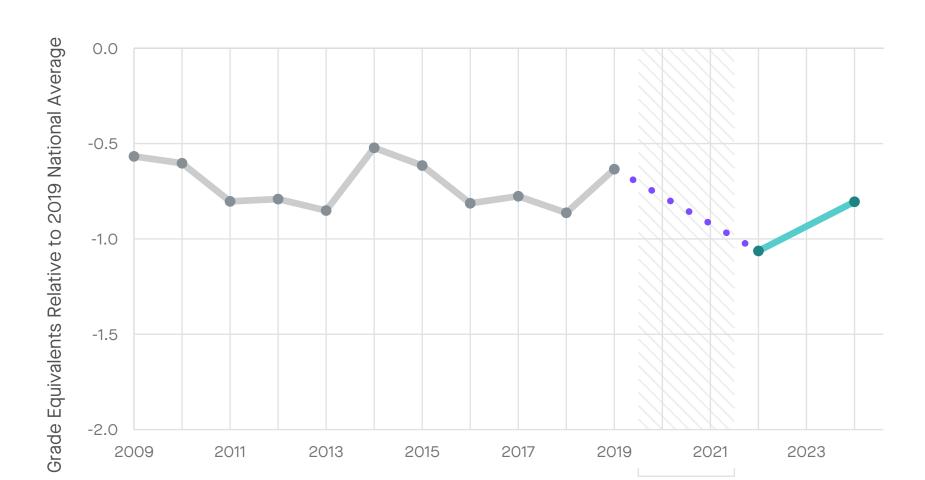
### Math Performance, Grades 3-8, 2009-2024



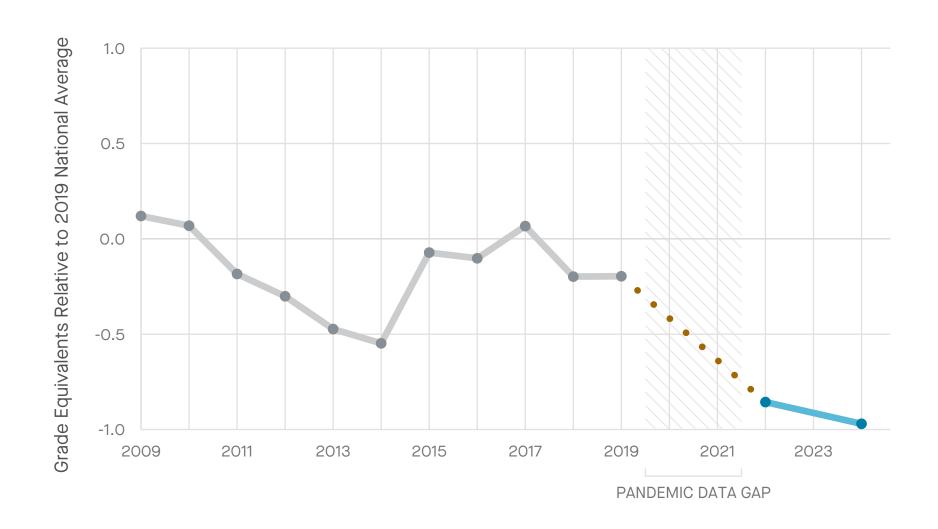
PANDEMIC DATA GAP

in Grade Level Equivalents Relative to the 2019 National Average

**Average Math Scores and Trends in Scores** 

2019 Average	-0.63
2022 Average	-1.06
2024 Average	-0.81
2019-2022 Change	-0.43
2022-2024 Change	+0.26
Since 2019	-0.17

### Reading Performance, Grades 3-8, 2009-2024

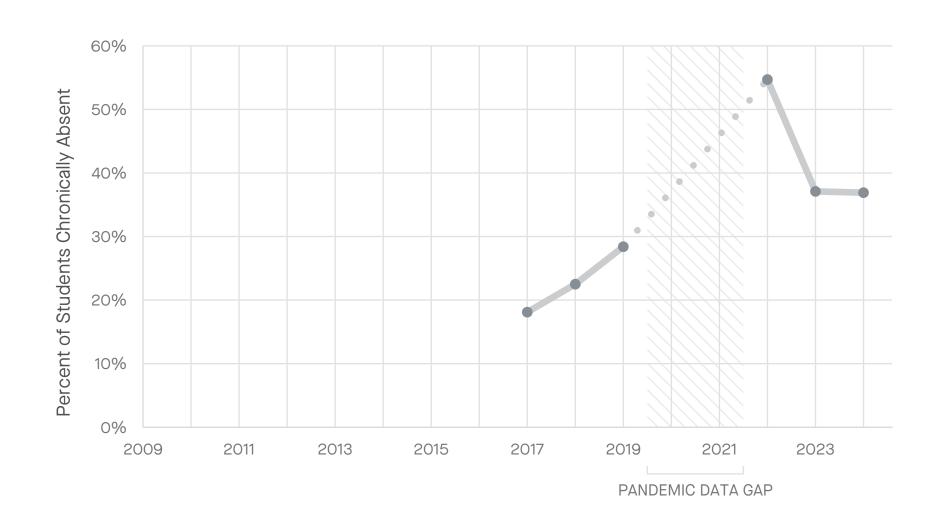


### **Average Reading Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

2019 Average	-0.20
2022 Average	-0.86
2024 Average	-0.97
2019-2022 Change	-0.66
2022-2024 Change	-0.11
Since 2019	-0.77

### Absenteeism, Grades 3-8, 2009-2024



### Absenteeism

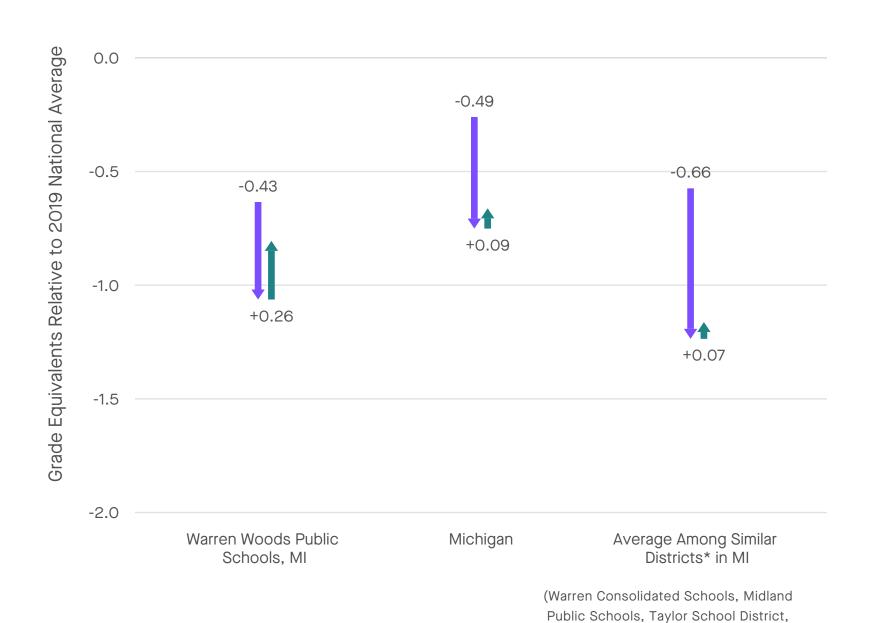
2019-2023 Change	+0.09
Since 2009	N/A

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute



## Math Performance in Warren Woods Public Schools vs. Michigan and Similar Districts, Grades 3-8, 2019-2024





### **Average Math Scores and Trends in Scores**

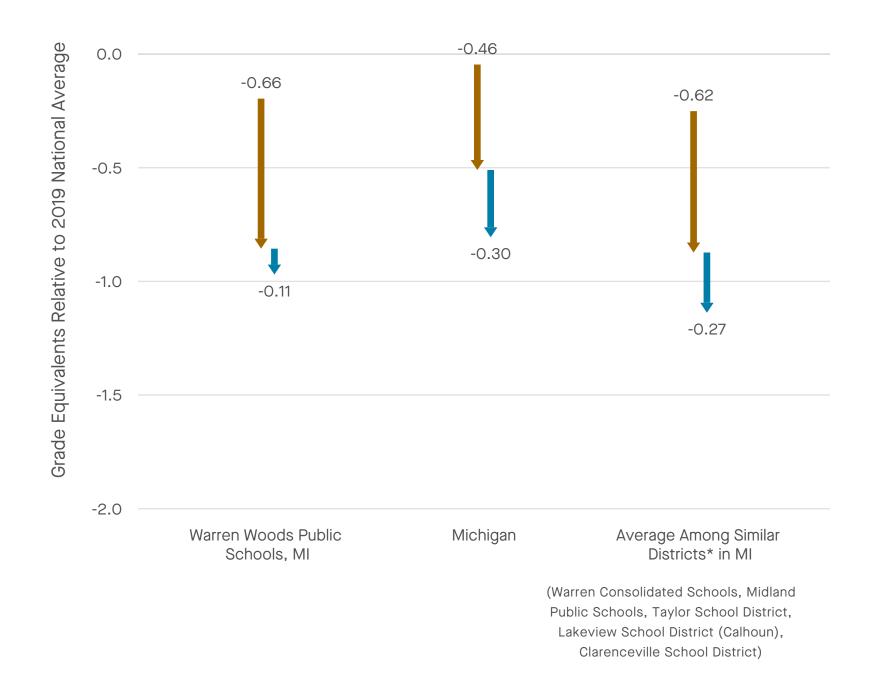
in Grade Level Equivalents Relative to the 2019 National Average

	2079 AV <sup>©</sup> 798	2022 4V87298	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Warren Woods Public Schools, MI	-0.63	-1.06	-0.81	-0.43	♠ 0.26	<b>▼</b> -0.17
Michigan	-0.26	-0.75	-0.66	-0.49	• 0.09	<b>♣</b> -0.40
Similar Districts* ir Michigan	-0.57	-1.24	-1.16	-0.66	• 0.07	<b>▼</b> -0.59

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

## Reading Performance in Warren Woods Public Schools vs. Michigan and Similar Districts, Grades 3-8, 2019-2024

Lakeview School District (Calhoun), Clarenceville School District)



### **Average Reading Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

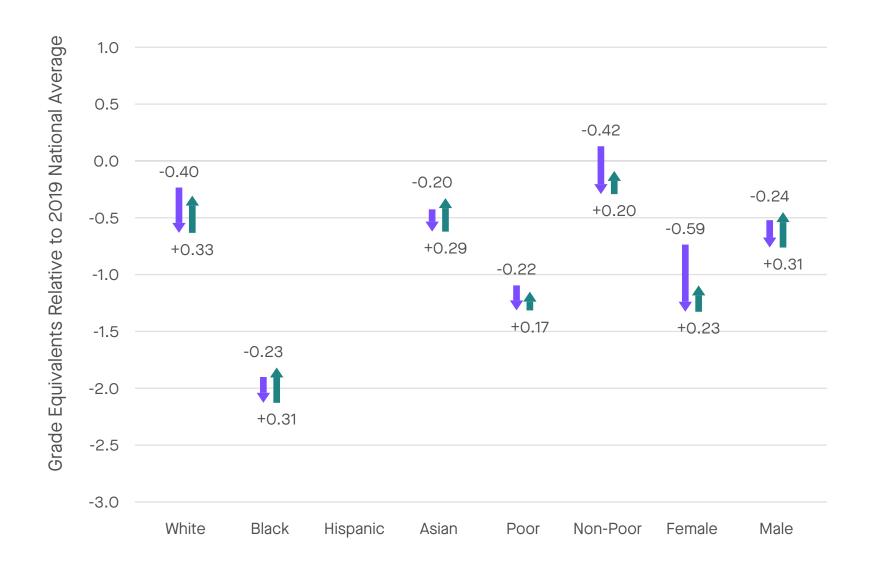
	2079 Average	2022 AVE/298	2024 Average	2019-22 Change	2022-24 Change	2019-24 Change
Warren Woods Public Schools, MI	-0.20	-0.86	-0.97	-0.66	-0.11	<b>▼</b> -0.77
Michigan	-0.05	-0.51	-0.81	-0.46	-0.30	<b>↓</b> -0.76
Similar Districts* ir Michigan	<b>1</b> -0.25	-0.87	-1.14	-0.62	-0.27	-0.89

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



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



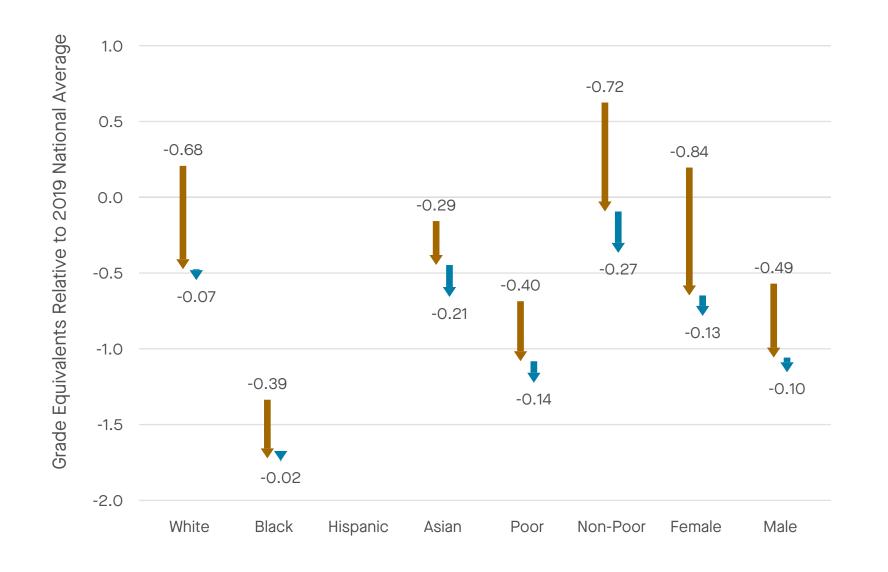


### **Average Math Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

	2079 AV67998	2022 4V67398	2024 A <sup>Verage</sup>	2019.22 Change	2022.24 Change	2019-24 Change
White	-0.23	-0.63	-0.30	-0.40	♠ 0.33	<b>▼</b> -0.07
Black	-1.90	-2.13	-1.82	-0.23	• 0.31	♠ 0.08
Hispanic	N/A	N/A	N/A	N/A	N/A	N/A
Asian	-0.43	-0.62	-0.33	-0.20	♠ 0.29	♠ 0.10
Poor	-1.09	-1.31	-1.15	-0.22	♠ 0.17	-0.06
Non-Poor	0.13	-0.29	-0.09	-0.42	♠ 0.20	<b>▼</b> -0.22
Female	-0.74	-1.33	-1.09	-0.59	♠ 0.23	<b>↓</b> -0.36
Male	-0.52	-0.76	-0.45	-0.24	• 0.31	♠ 0.07

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



### **Average Reading Scores and Trends in Scores**

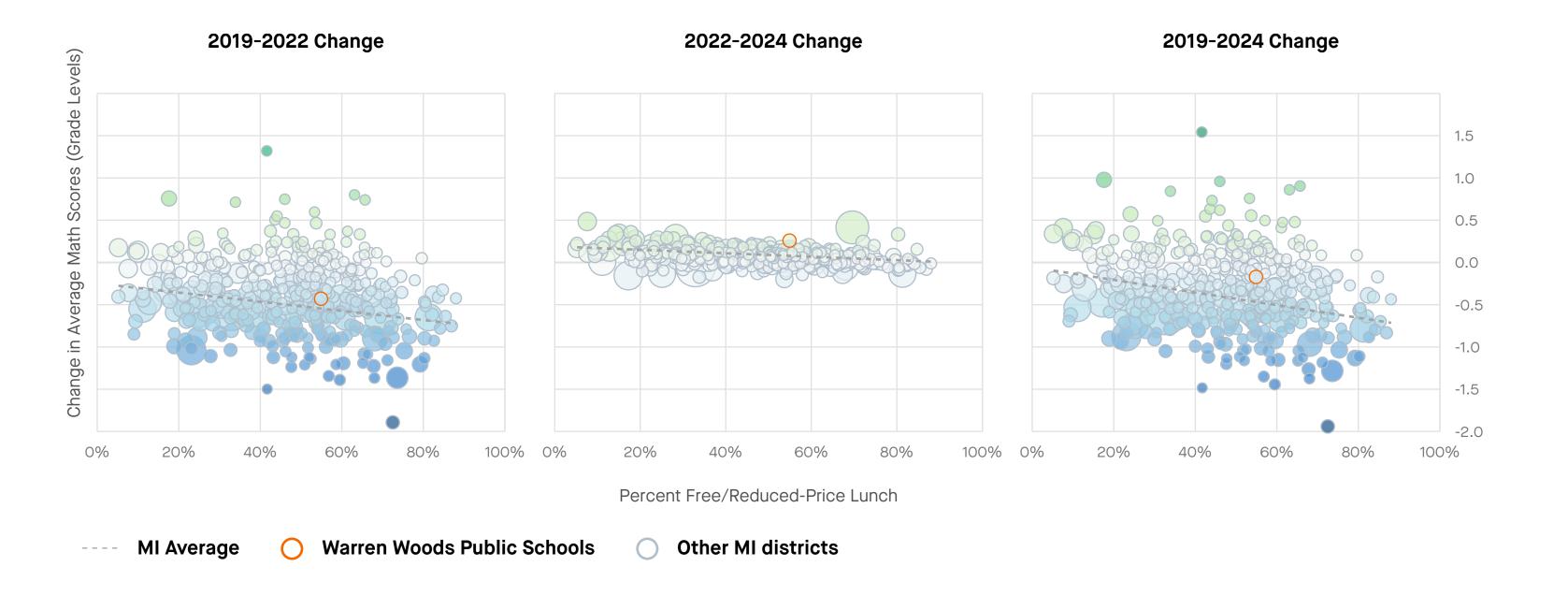
in Grade Level Equivalents Relative to the 2019 National Average

	2079 Average	2022 AVR/298	2024 Average	2019-22 Change	2022-24 Change	2079-24 Change
White	0.21	-0.47	-0.55	-0.68	-0.07	-0.76
Black	-1.34	-1.72	-1.74	-0.39	-0.02	-0.40
Hispanic	N/A	N/A	N/A	N/A	N/A	N/A
Asian	-0.16	-0.45	-0.66	-0.29	-0.21	-0.50
Poor	-0.69	-1.08	-1.22	-0.40	-0.14	-0.54
Non-Poor	0.63	-0.09	-0.37	-0.72	-0.27	-0.99
Female	0.20	-0.65	-0.78	-0.84	-0.13	-0.98
Male	-0.57	-1.06	-1.16	-0.49	-0.10	<b>↓</b> -0.58

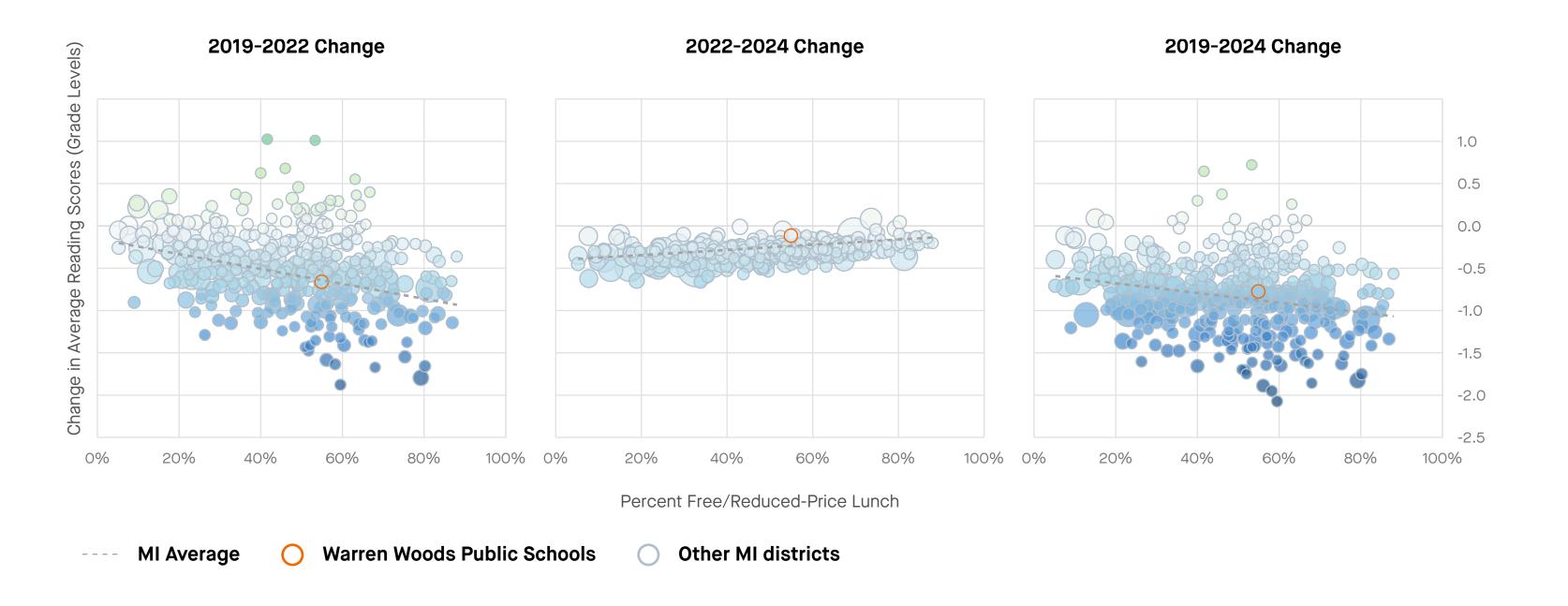


Change in Math Performance in Michigan Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024





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

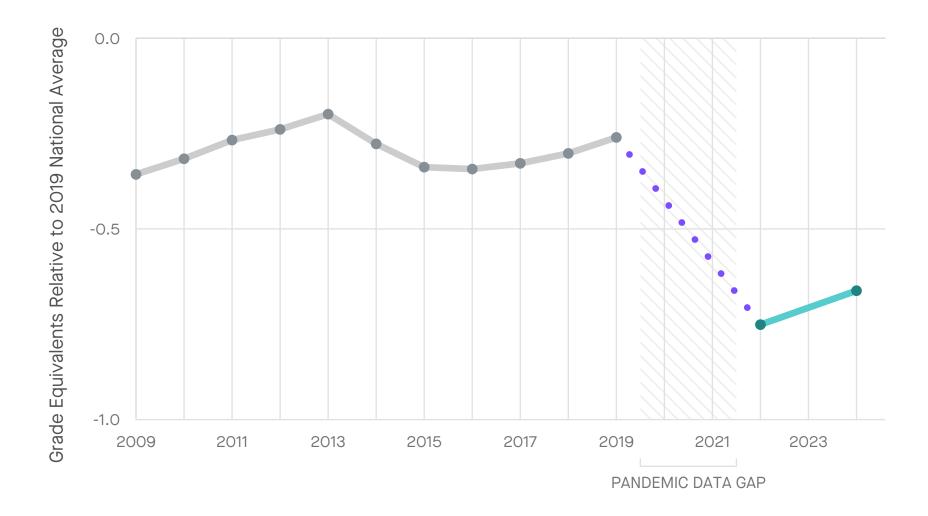




## Michigan

### Math Performance, Grades 3-8, 2009-2024



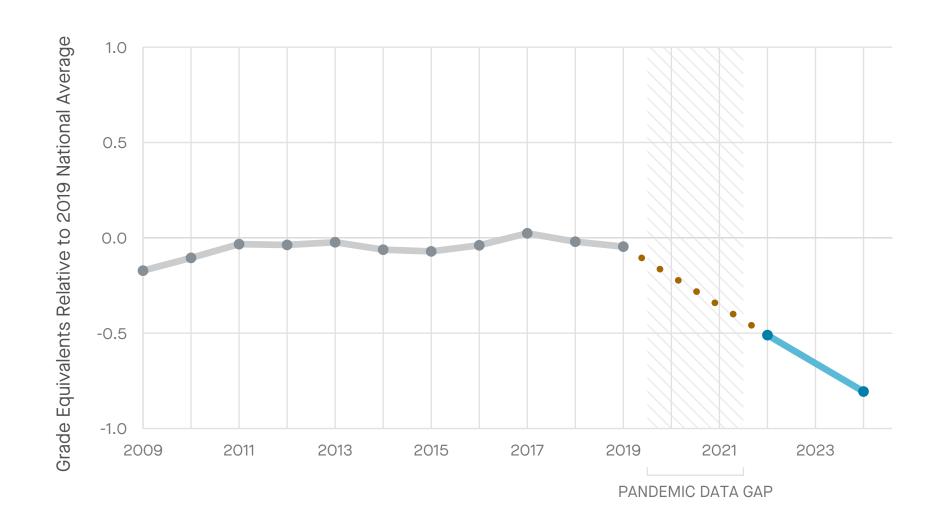


### **Average Math Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

2019 Average	-0.26
2022 Average	-0.75
2024 Average	-0.66
2019-2022 Change	-0.49
2022-2024 Change	+0.09
Since 2019	-0.40

### Reading Performance, Grades 3-8, 2009-2024

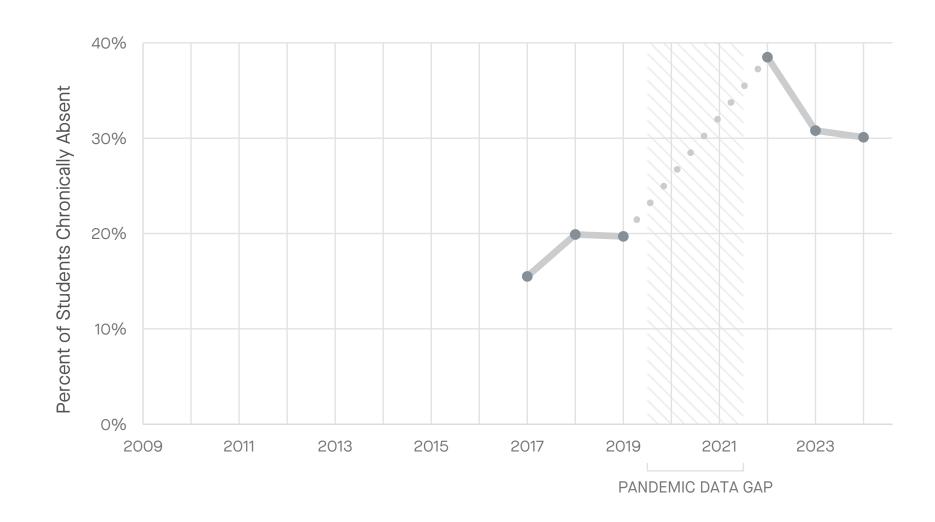


### **Average Reading Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

2019 Average	-0.05
2022 Average	-0.51
2024 Average	-0.81
2019-2022 Change	-0.46
2022-2024 Change	-0.30
Since 2019	-0.76

### Absenteeism, Grades 3-8, 2009-2024



### **Absenteeism**

2019-2023 Change	+0.11
Since 2009	N/A

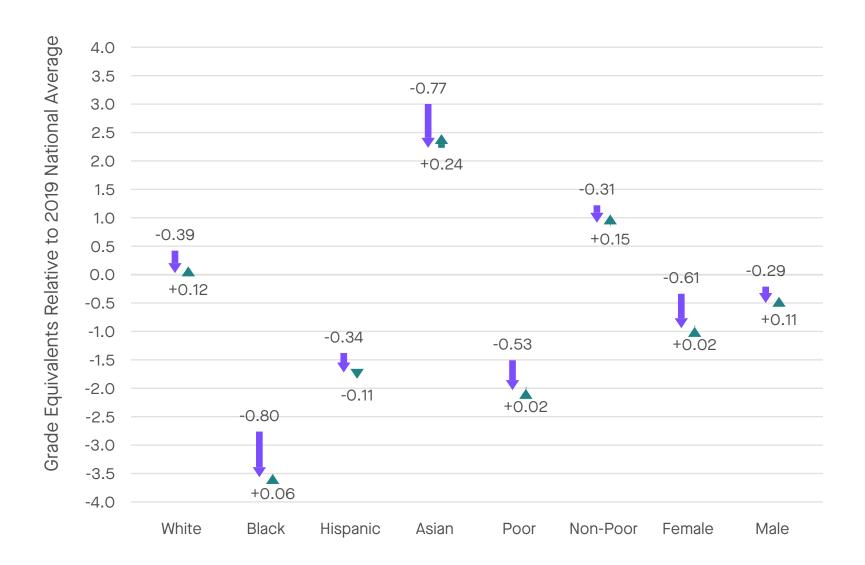
Absenteeism data courtesy of Nat Malkus, American Enterprise Institute



## Michigan

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



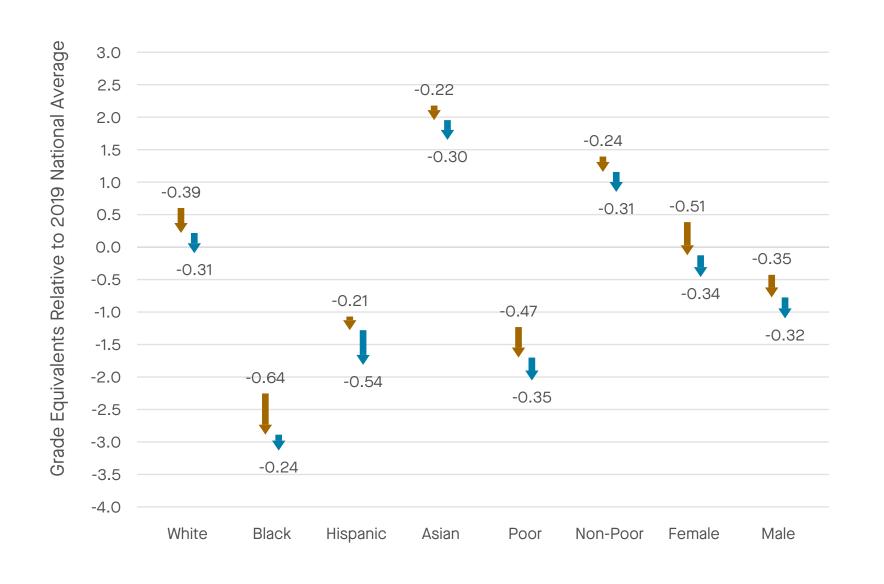


### **Average Math Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

	2079 Average	2022 AVEVES	2024 AV61398	2019-22 Change	2022,24 Change	2019-24 Change
White	0.42	0.03	0.14	-0.39	♠ 0.12	<b>▼</b> -0.28
Black	-2.76	-3.56	-3.51	-0.80	• 0.06	<b>▼</b> -0.75
Hispanic	-1.38	-1.72	-1.83	-0.34	<b>▼</b> -0.11	<b>▼</b> -0.46
Asian	3.00	2.23	2.47	-0.77	♠ 0.24	<b>▼</b> -0.53
Poor	-1.51	-2.03	-2.01	-0.53	♠ 0.02	<b>▼</b> -0.50
Non-Poor	1.22	0.91	1.06	-0.31	• 0.15	<b>↓</b> -0.16
Female	-0.34	-0.94	-0.92	-0.61	♠ 0.02	<b>▼</b> -0.58
Male	-0.21	-0.50	-0.39	-0.29	• 0.11	-0.18

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



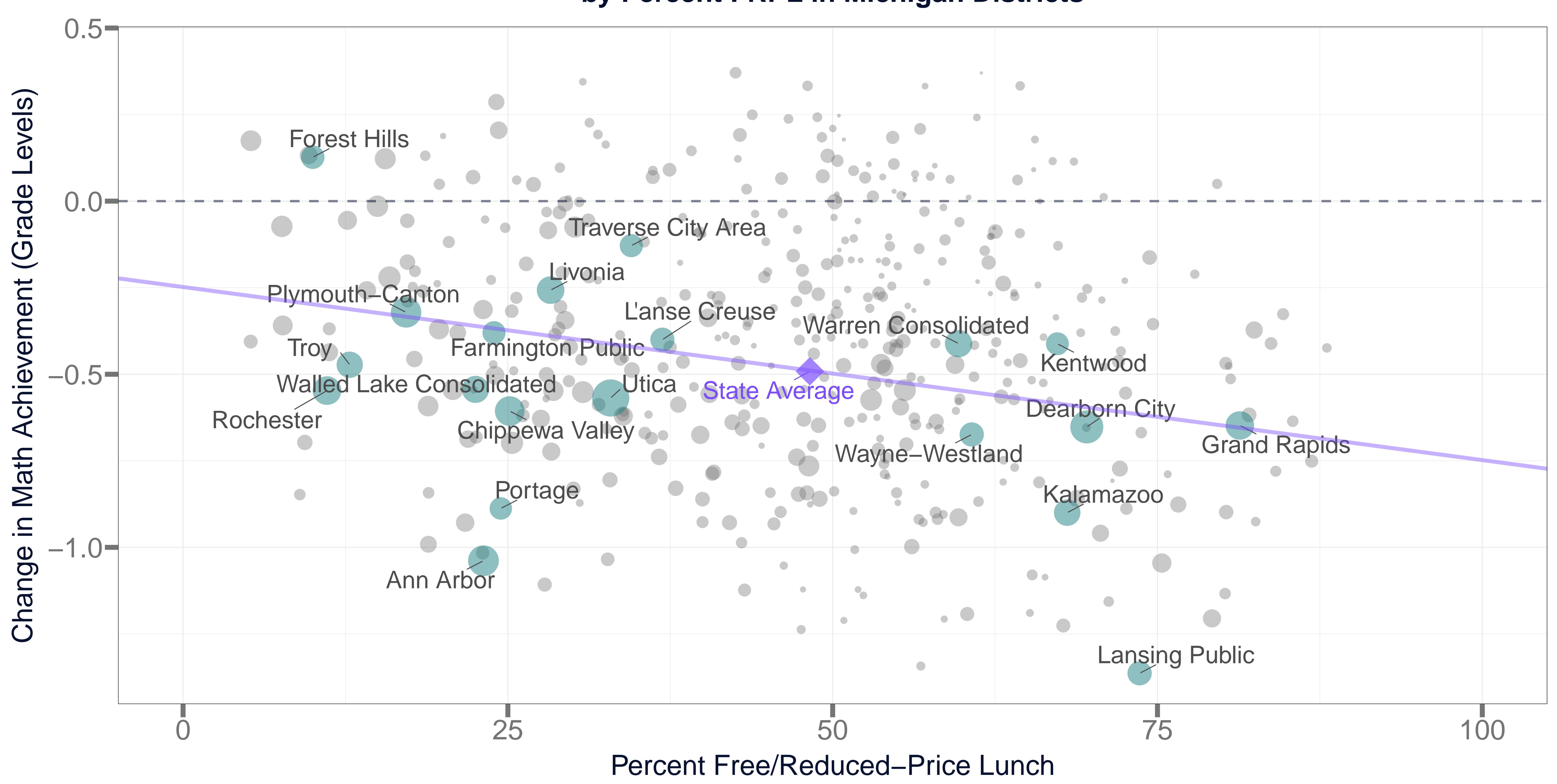
### **Average Reading Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

	2079 A <sup>VO</sup> 19	2022 AVR/298	2024 AVG/396	2019-22 Change	2022-24 Change	2079-24 Change
White	0.60	0.22	-0.10	-0.39	-0.31	▼ -0.70
Black	-2.25	-2.89	-3.13	-0.64	-0.24	-0.88
Hispanic	-1.07	-1.28	-1.81	-0.21	-0.54	<b>▼</b> -0.74
Asian	2.18	1.96	1.65	-0.22	-0.30	<b>→</b> -0.53
Poor	-1.23	-1.70	-2.05	-0.47	-0.35	<b>▼</b> -0.82
Non-Poor	1.39	1.16	0.85	-0.24	-0.31	▼ -0.55
Female	0.39	-0.13	-0.46	-0.51	-0.34	-0.85
Male	-0.43	-0.78	-1.10	-0.35	<b>-</b> 0.32	<b>▼</b> -0.67

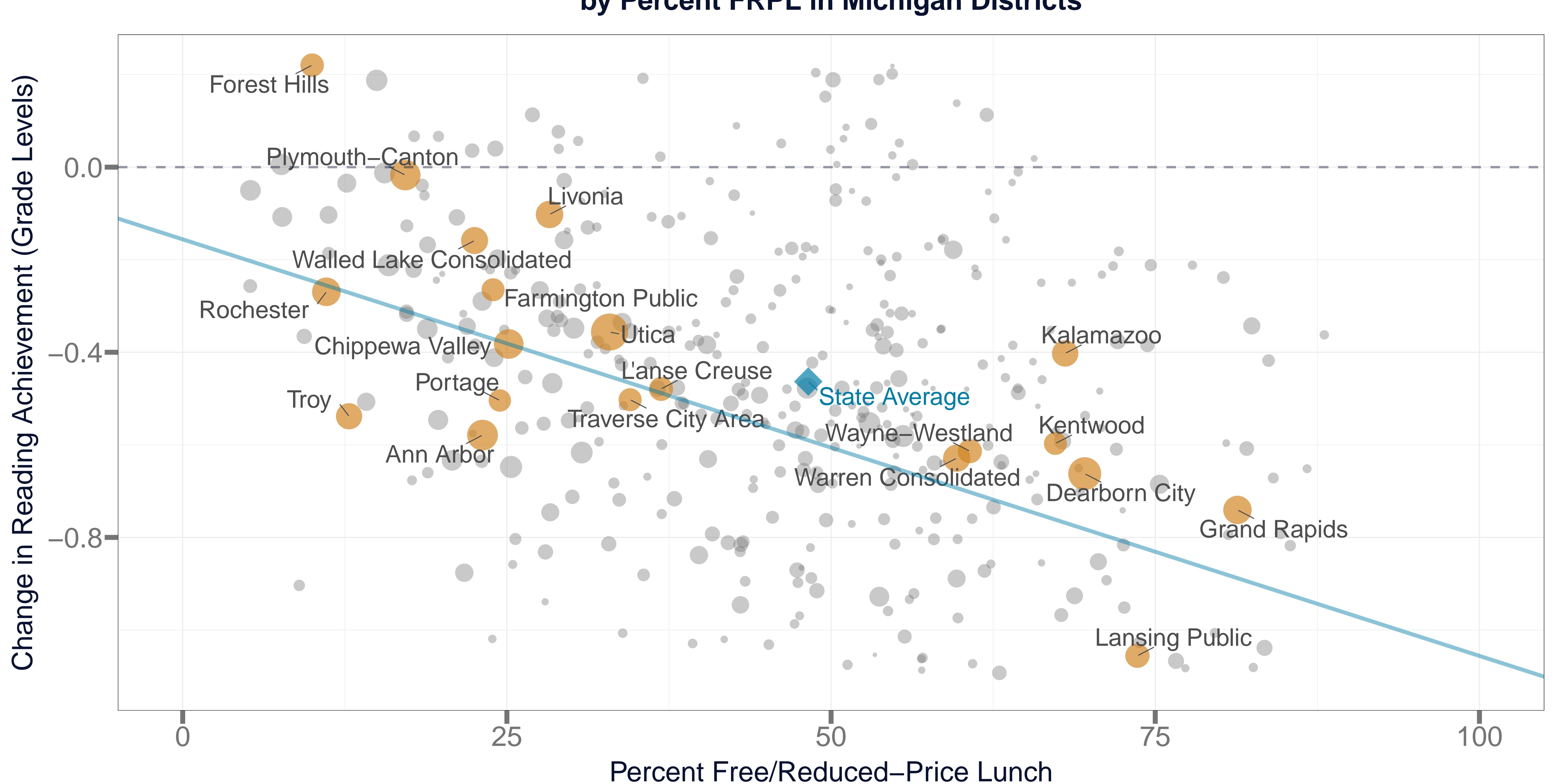


## Change in Math Achievement 2019–2022 by Percent FRPL in Michigan Districts



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 Michigan Districts

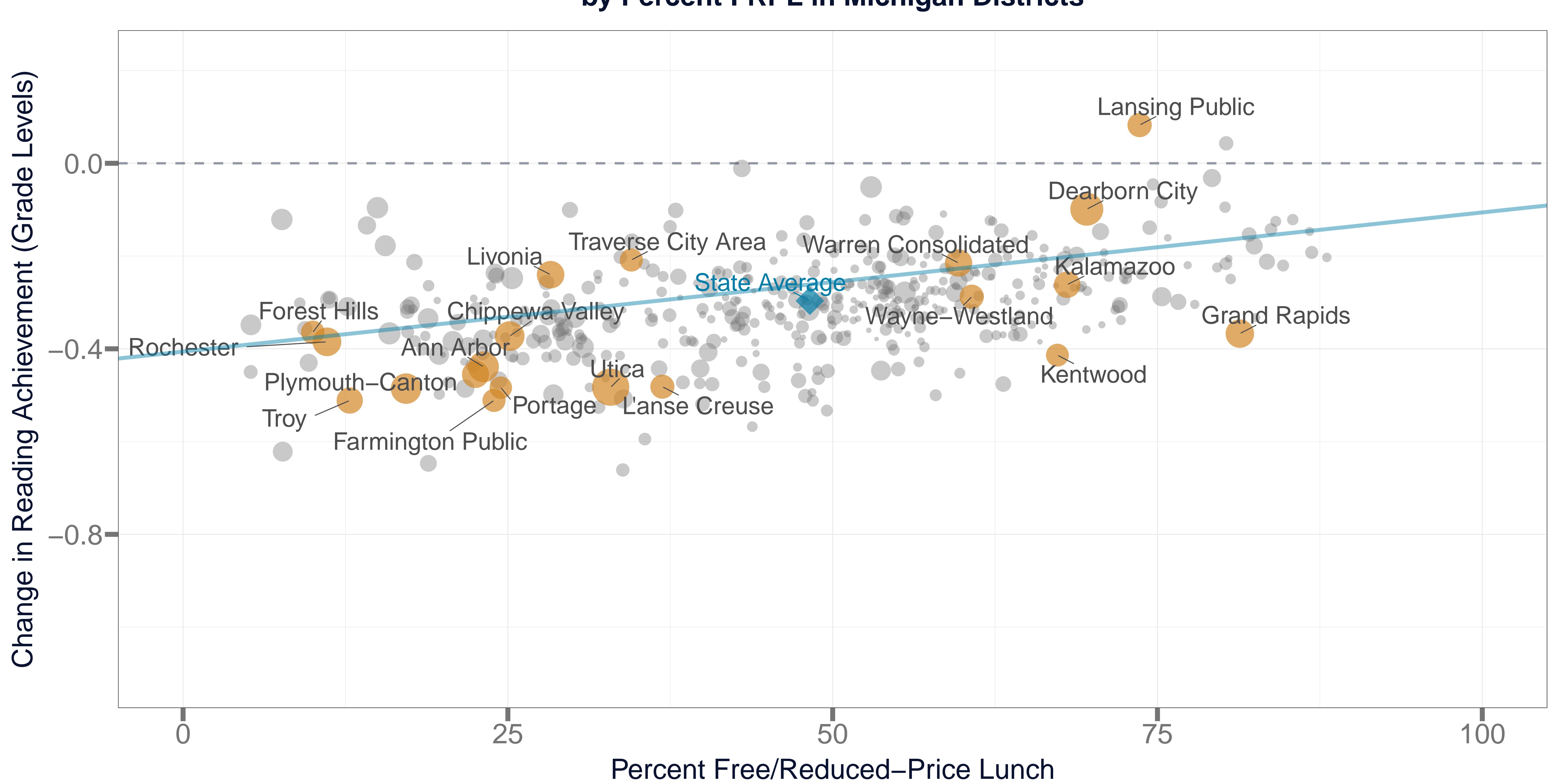


## Change in Math Achievement 2022–2024 by Percent FRPL in Michigan Districts

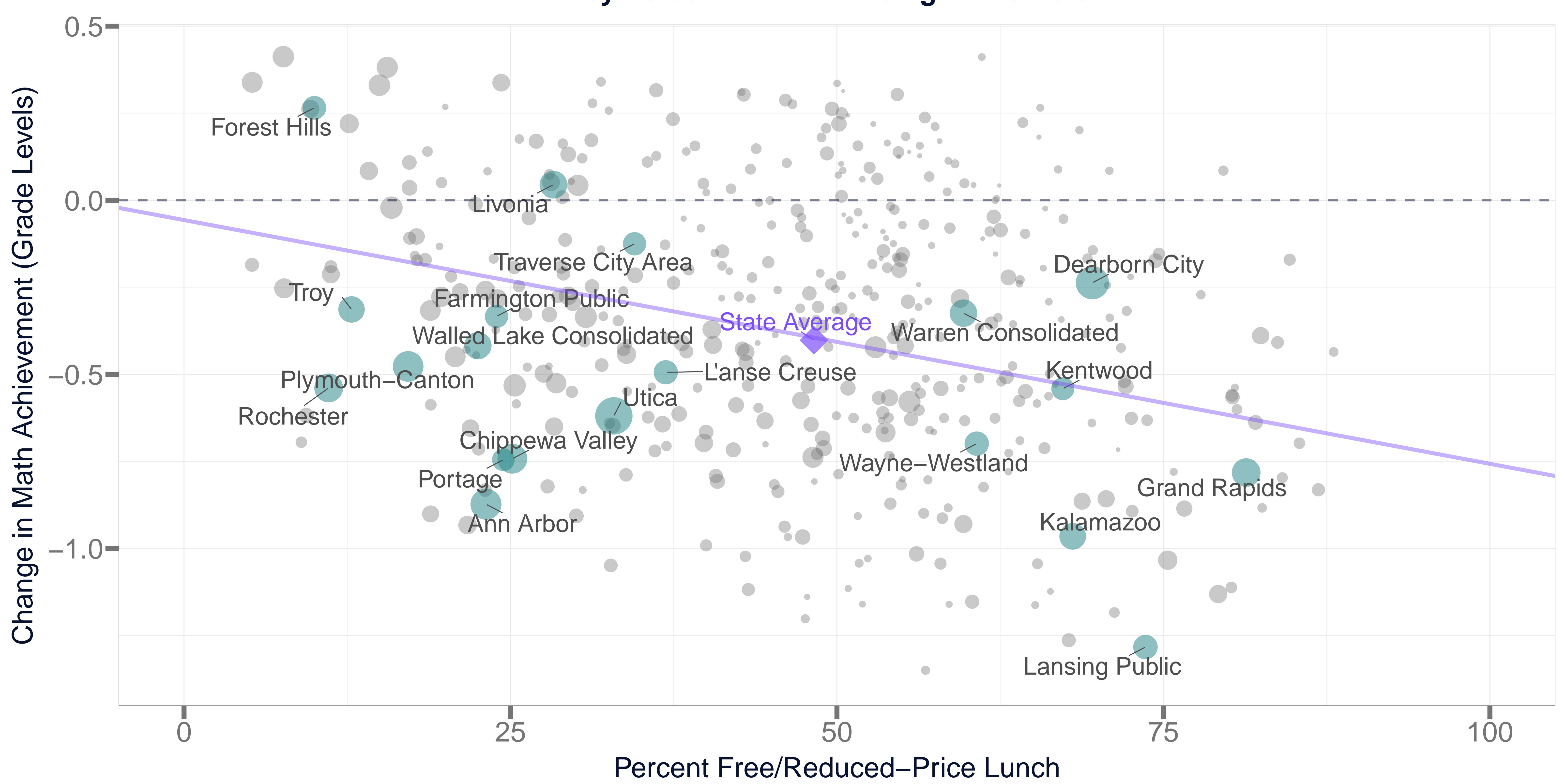


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## Change in Reading Achievement 2022–2024 by Percent FRPL in Michigan Districts

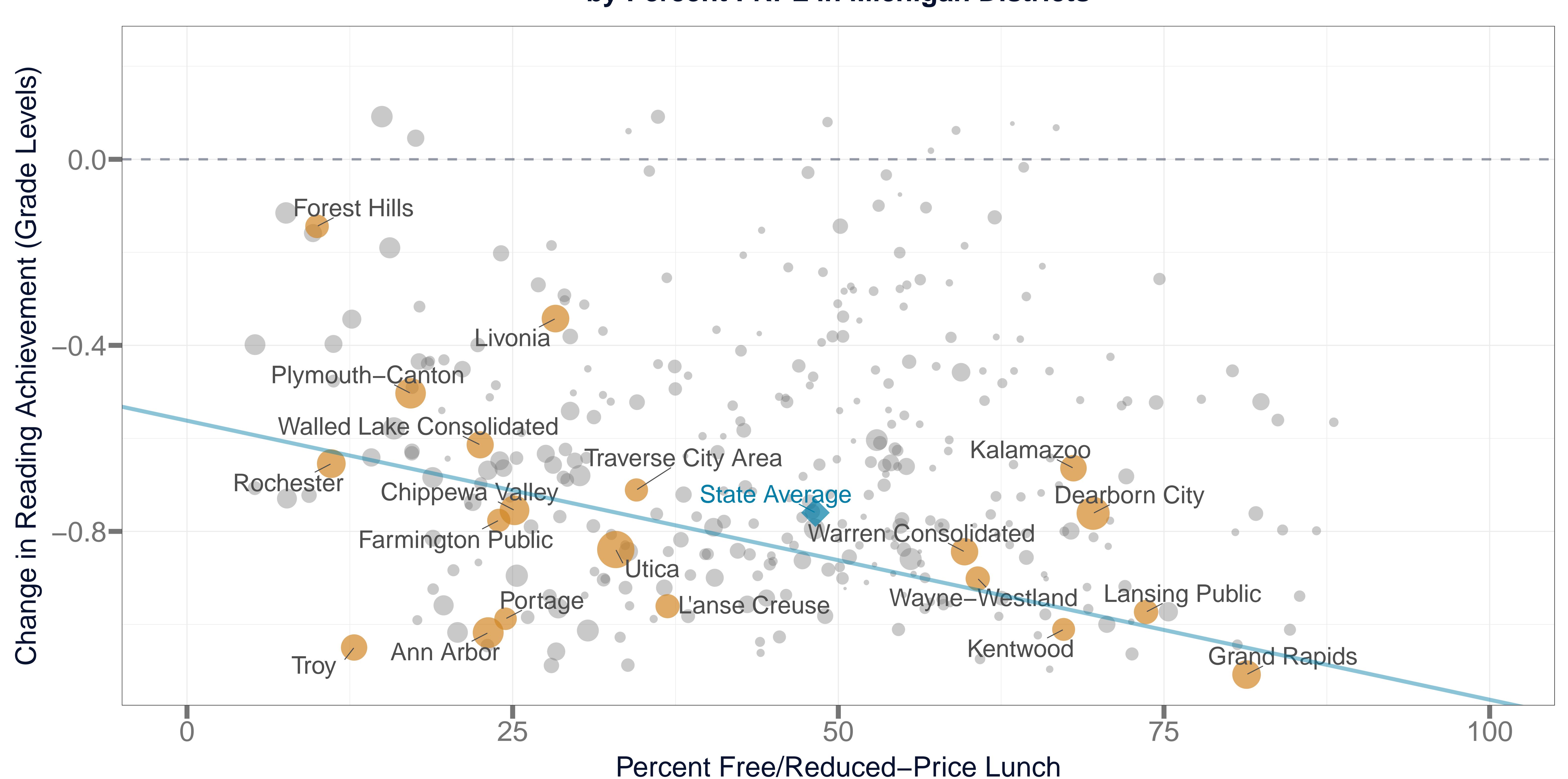


## Change in Math Achievement 2019–2024 by Percent FRPL in Michigan Districts

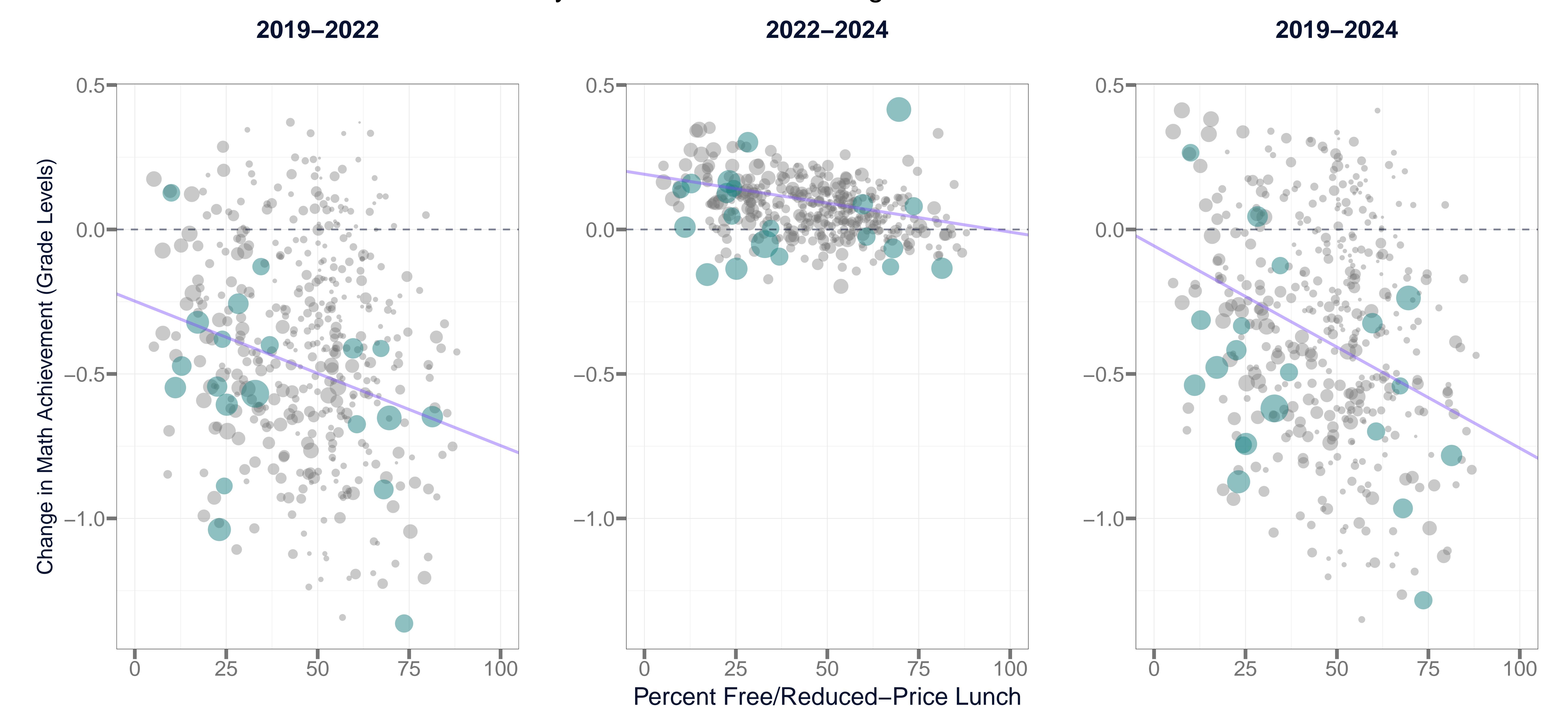


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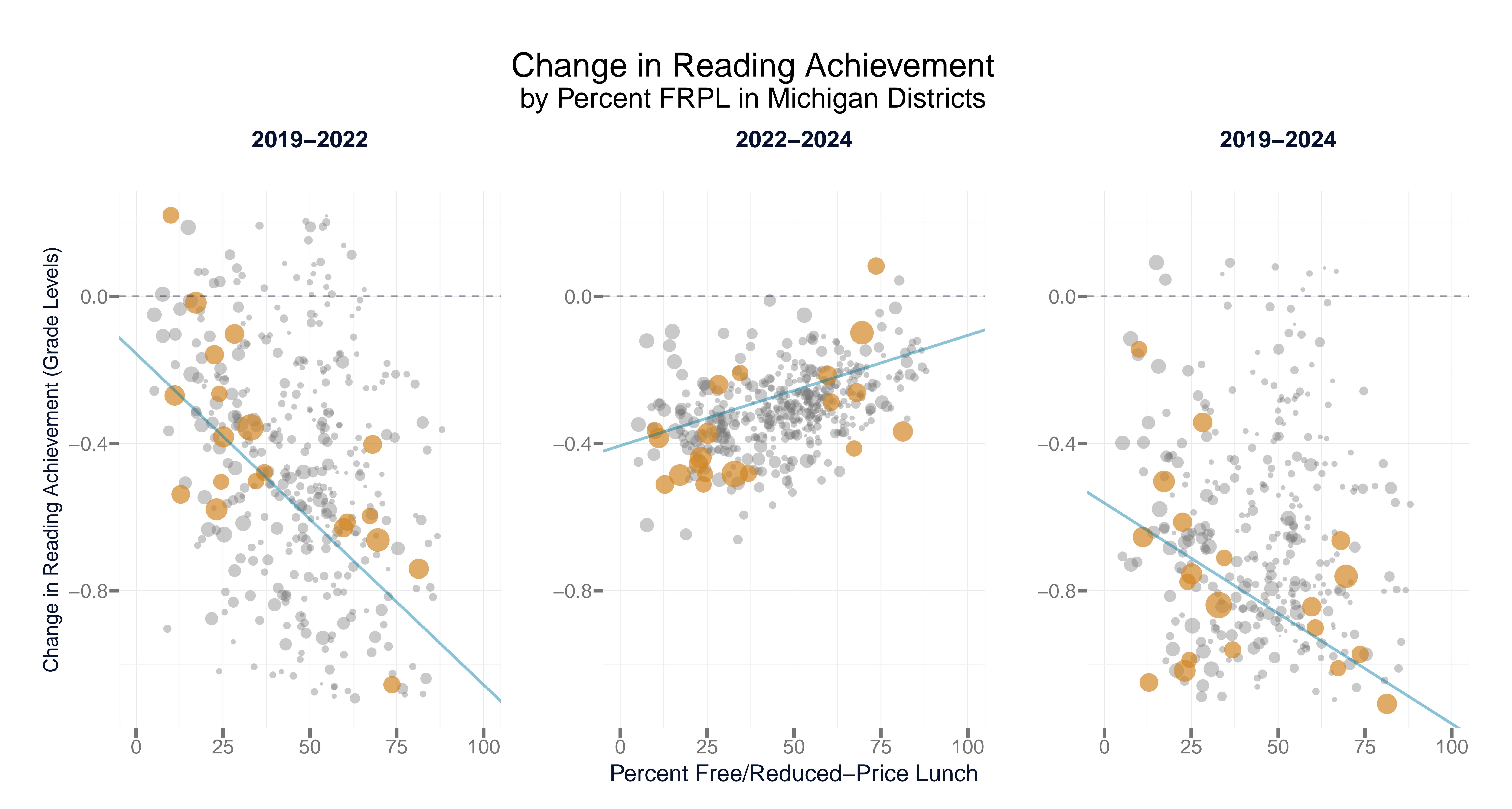
## Change in Reading Achievement 2019–2024 by Percent FRPL in Michigan Districts



# Change in Math Achievement by Percent FRPL in Michigan Districts



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



## Change in Chronic Absenteeism 2019–2023 by Percent FRPL in Michigan Districts

