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

Grade Equivalents Relative to 2019 National Average

1.0

0.5

0.0

-0.5

2009

2011



2019

2021

PANDEMIC DATA GAP

2023

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

in Grade Level Equivalents Relative to the 2019 National Average

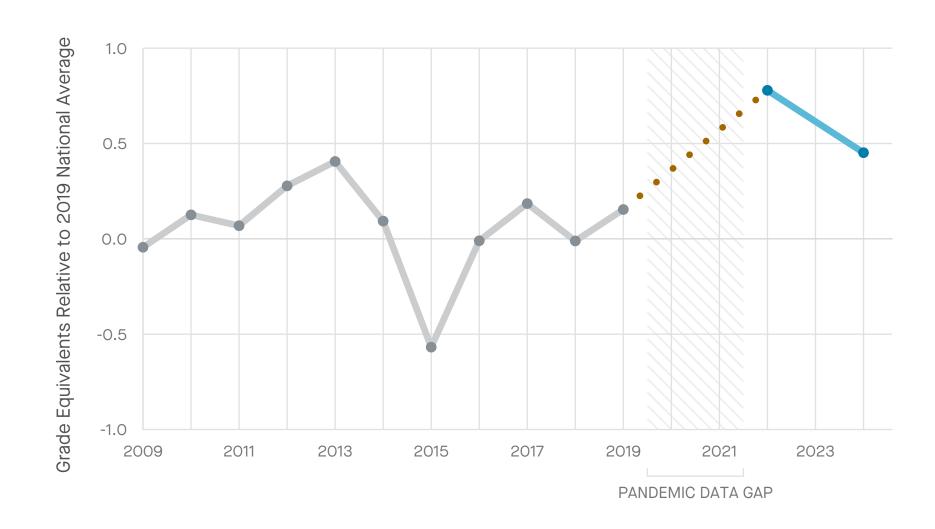
| 2019 Average     | -0.02 |
|------------------|-------|
| 2022 Average     | -0.11 |
| 2024 Average     | 0.00  |
| 2019-2022 Change | -0.10 |
| 2022-2024 Change | +0.12 |
| Since 2019       | +0.02 |

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

2013

2015

2017

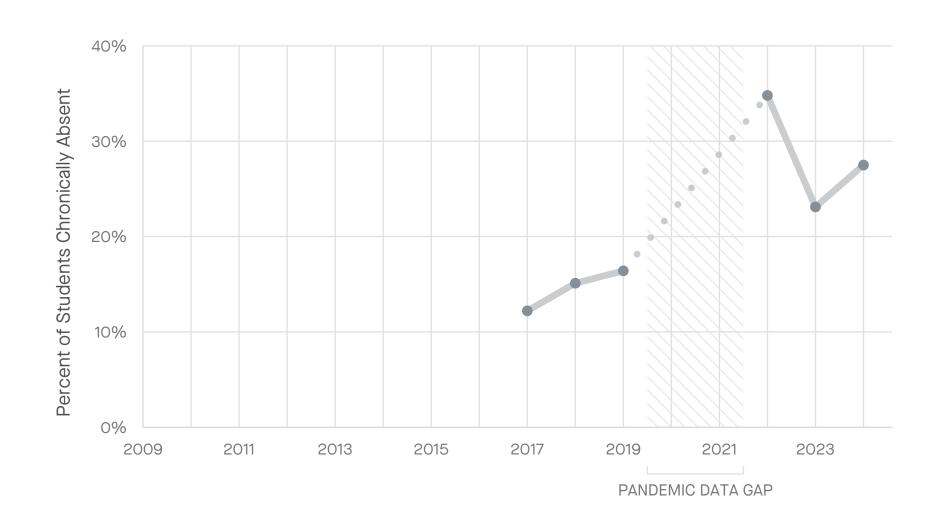


### **Average Reading Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

| 2019 Average     | 0.15  |
|------------------|-------|
| 2022 Average     | 0.78  |
| 2024 Average     | 0.45  |
| 2019-2022 Change | +0.63 |
| 2022-2024 Change | -0.33 |
| Since 2019       | +0.30 |

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



### **Absenteeism**

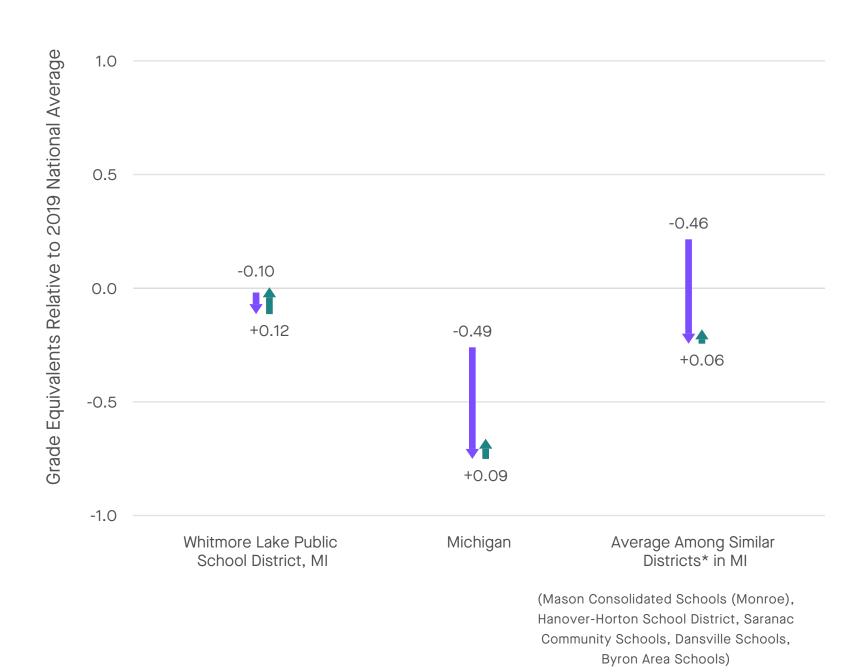
| 2019-2023 Change | +0.07 |
|------------------|-------|
| Since 2009       | N/A   |

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute



## Math Performance in Whitmore Lake Public School District vs. Michigan and Similar Districts, Grades 3-8, 2019-2024





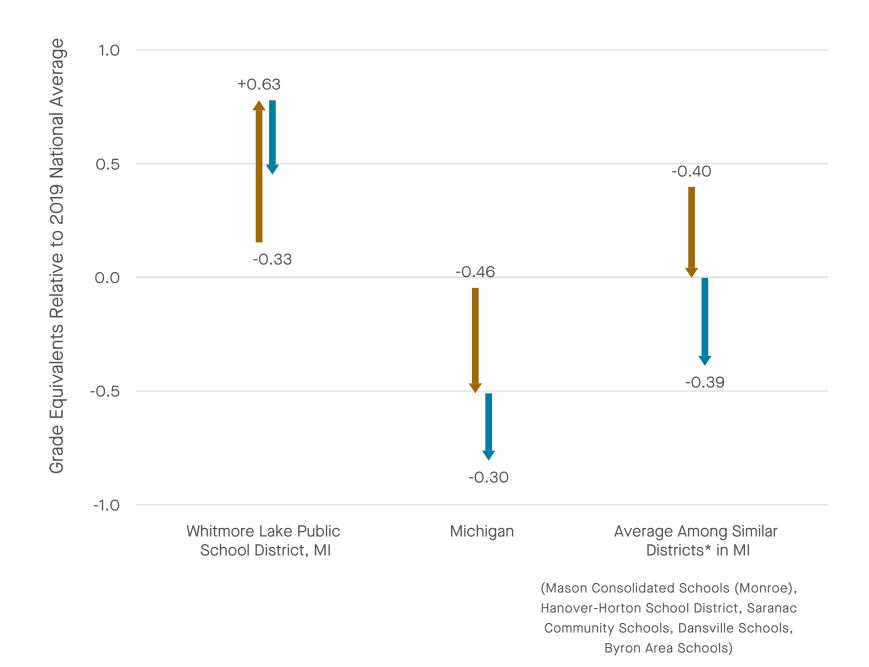
### **Average Math Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

|  | 2079<br>Average | 2022<br>AV6/298 | 2024<br>4verage | 2019-22<br>Change | 2022-24<br>Change | 2019-24<br>Change |
|--|-----------------|-----------------|-----------------|-------------------|-------------------|-------------------|
| Whitmore Lake<br>Public School<br>District, MI | -0.02           | -O.11           | 0.00            | -0.10             | • 0.12            | ♠ 0.02            |
| Michigan                                       | -0.26           | -0.75           | -0.66           | -0.49             | • 0.09            | <b>▼</b> -0.40    |
| Similar Districts* in<br>Michigan              | <b>1</b> 0.21   | -0.24           | -0.18           | -0.46             | • 0.06            | <b>▼</b> -0.40    |

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

## Reading Performance in Whitmore Lake Public School District vs. Michigan 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

|  | 2079<br>Average | 2022<br>Average | 2024<br>4 <sup>Ver3</sup> 96 | 2019.22<br>Change | 2022-24<br>Change | 2019-24<br>Change |
|--|-----------------|-----------------|------------------------------|-------------------|-------------------|-------------------|
| Whitmore Lake<br>Public School<br>District, MI | 0.15            | 0.78            | 0.45                         | • 0.63            | -0.33             | ♠ 0.30            |
| Michigan                                       | -0.05           | -0.51           | -0.81                        | -0.46             | -0.30             | <b>↓</b> -0.76    |
| Similar Districts* in Michigan                 | 0.40            | -0.00           | -0.39                        | -0.40             | -0.39             | <b>↓</b> -0.79    |

\*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



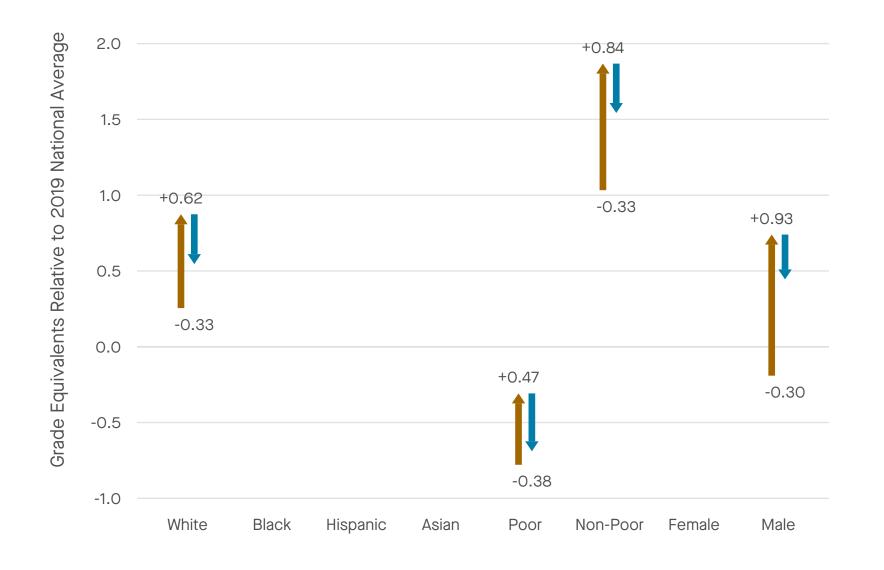


### **Average Math Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

|          | 2079<br>Average | 2022<br>AV67398 | 2024<br>AV <sup>673</sup> 98 | 2019.22<br>Change | 2022-24<br>Change | 2019-24<br>Change |
|----------|-----------------|-----------------|------------------------------|-------------------|-------------------|-------------------|
| White    | 0.10            | 0.00            | 0.12                         | -0.10             | • 0.12            | ♠ 0.02            |
| 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     | -0.98           | -1.10           | -1.05                        | -0.12             | ♠ 0.05            | <b>▼</b> -0.07    |
| Non-Poor | 0.84            | 0.80            | 0.93                         | -0.04             | ♠ 0.13            | • 0.09            |
| Female   | -0.25           | -0.29           | -0.23                        | -0.04             | ♠ 0.06            | ♠ 0.02            |
| Male     | 0.18            | 0.15            | 0.29                         | -0.03             | ♠ 0.14            | • 0.11            |

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



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

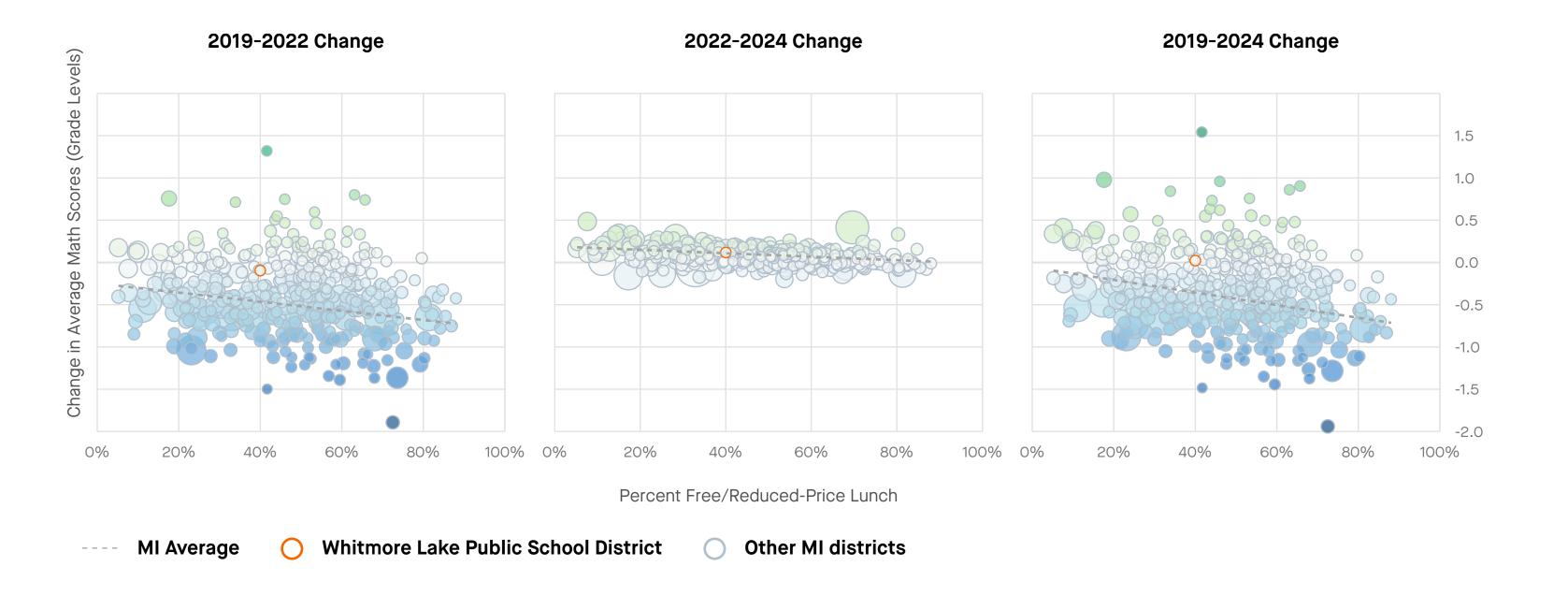
in Grade Level Equivalents Relative to the 2019 National Average

|          | 2079<br>AV67998 | 2022<br>4 <sup>Vera</sup> ge | 2024<br>Average | 2019-22<br>Change | 2022-24<br>Change | 2019-24<br>Change |
|----------|-----------------|------------------------------|-----------------|-------------------|-------------------|-------------------|
| White    | 0.26            | 0.87                         | 0.55            | ♠ 0.62            | -0.33             | ♠ 0.29            |
| 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     | -0.78           | -0.31                        | -0.69           | • 0.47            | -0.38             | • 0.09            |
| Non-Poor | 1.03            | 1.87                         | 1.54            | ♠ 0.84            | -0.33             | ♠ 0.51            |
| Female   | N/A             | N/A                          | N/A             | N/A               | N/A               | N/A               |
| Male     | -0.19           | 0.74                         | 0.44            | • 0.93            | -0.30             | ♠ 0.64            |

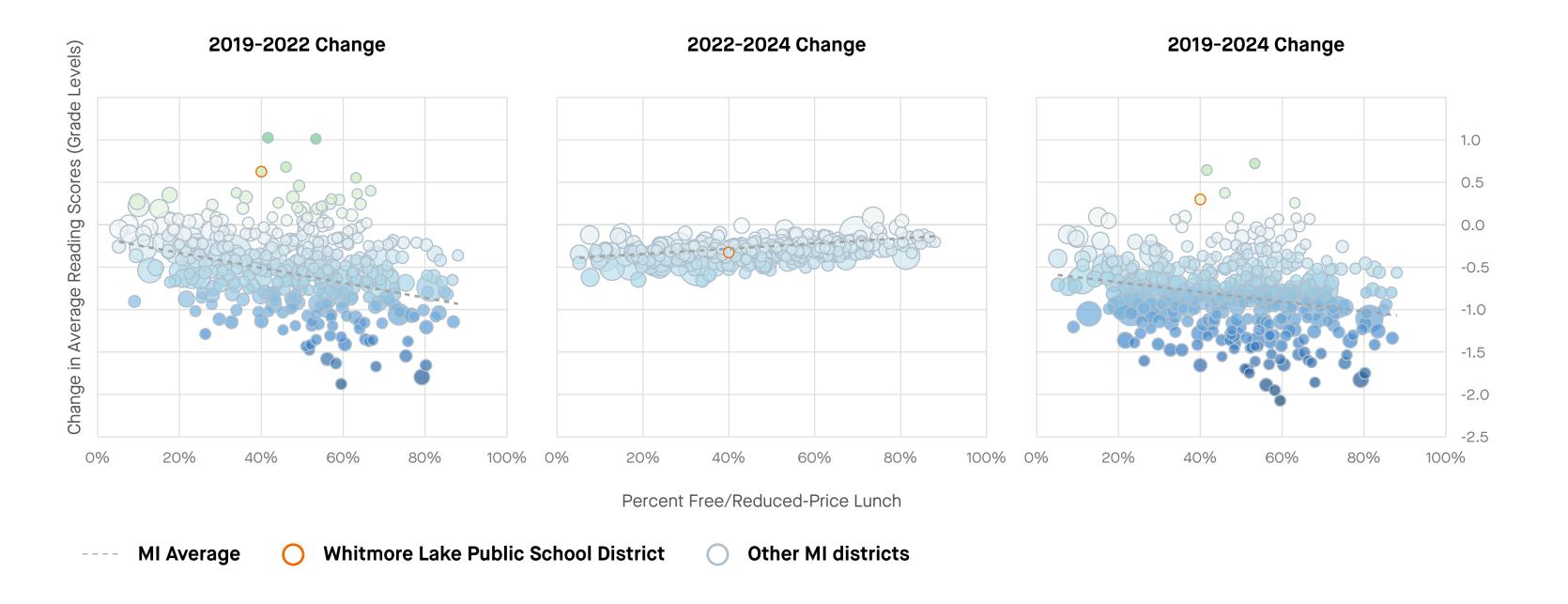


Change in Math Performance in Michigan Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024





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

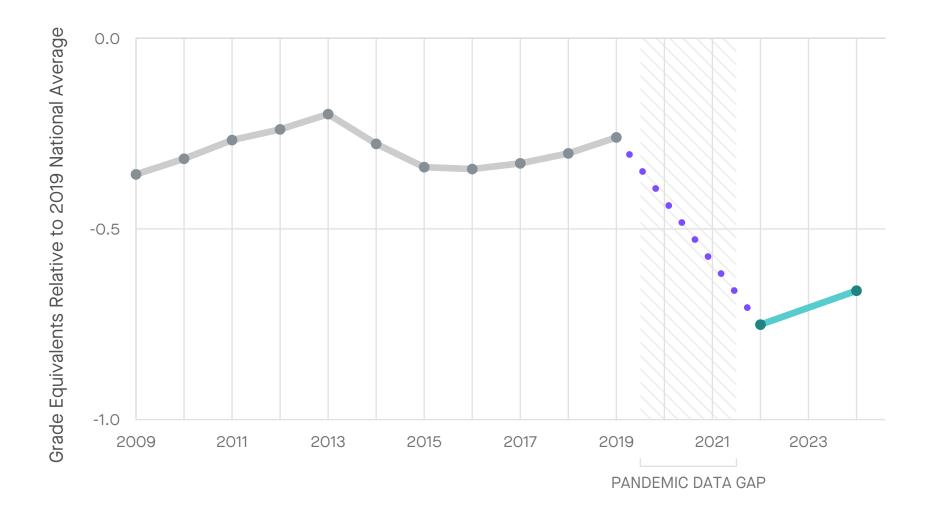




## Michigan

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



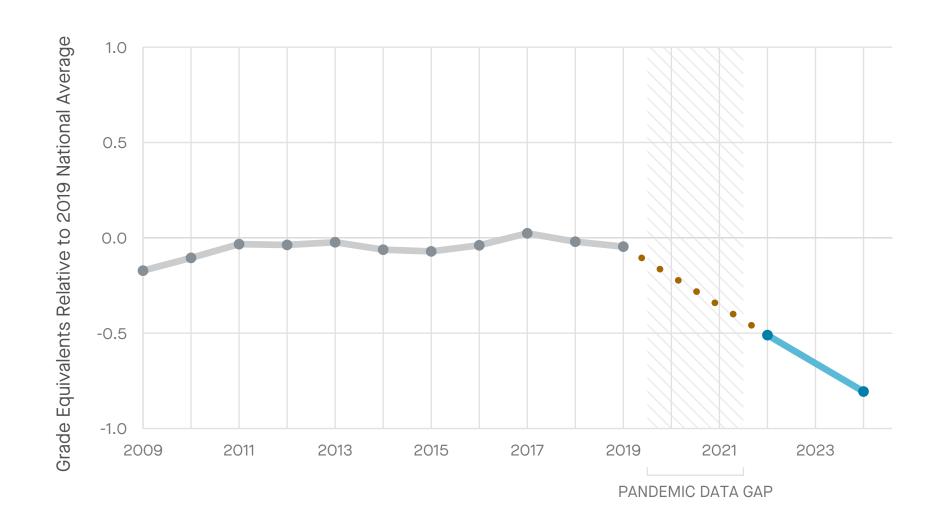


### **Average Math Scores and Trends in Scores**

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

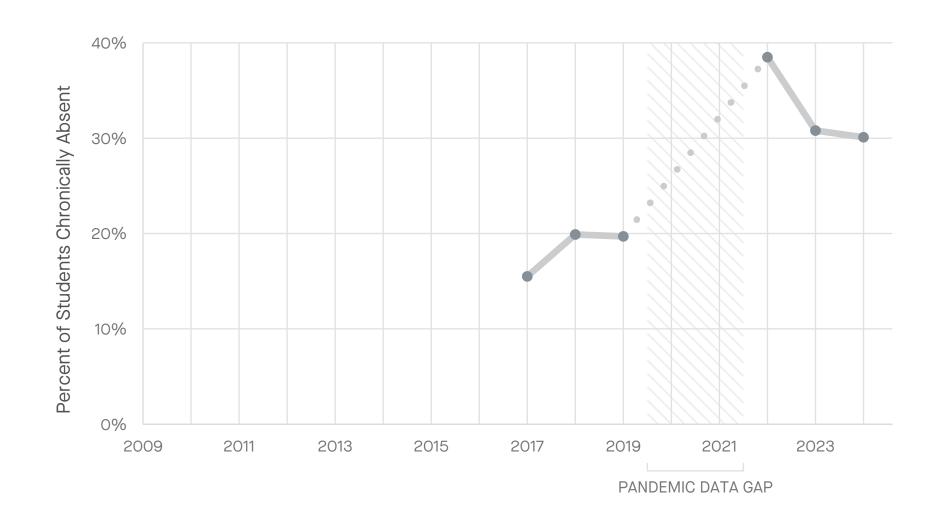


### **Average Reading Scores and Trends in Scores**

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   |

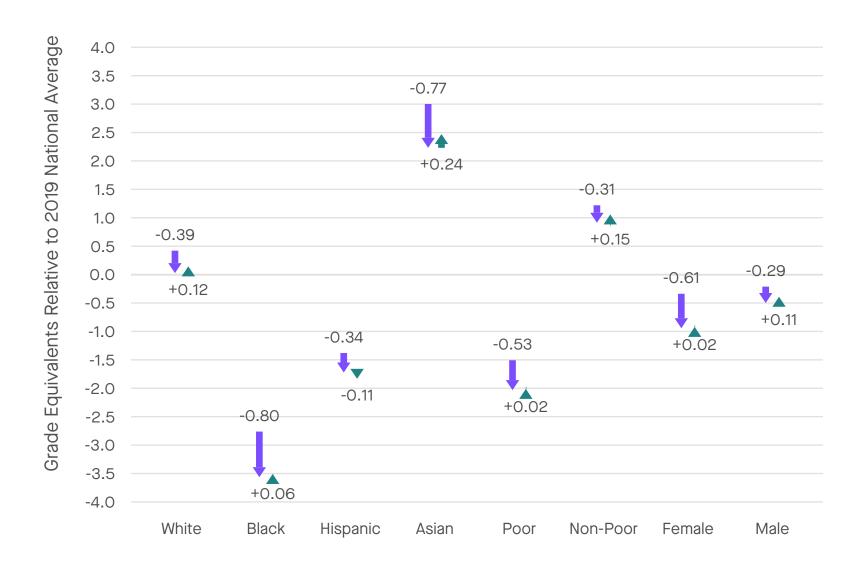
Absenteeism data courtesy of Nat Malkus, American Enterprise Institute



## Michigan

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



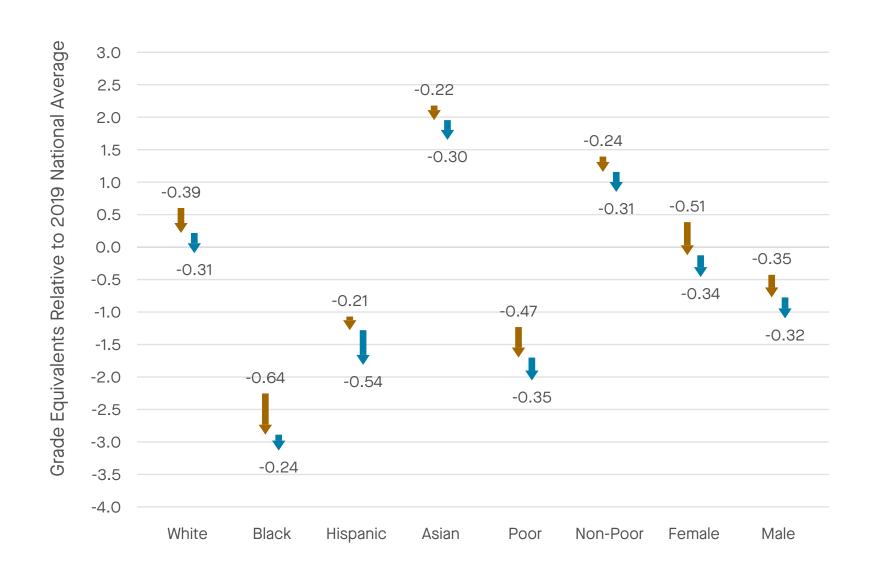


### **Average Math Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

|          | 2079<br>Average | 2022<br>AVEVES | 2024<br>AV61398 | 2019-22<br>Change | 2022,24<br>Change | 2019-24<br>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



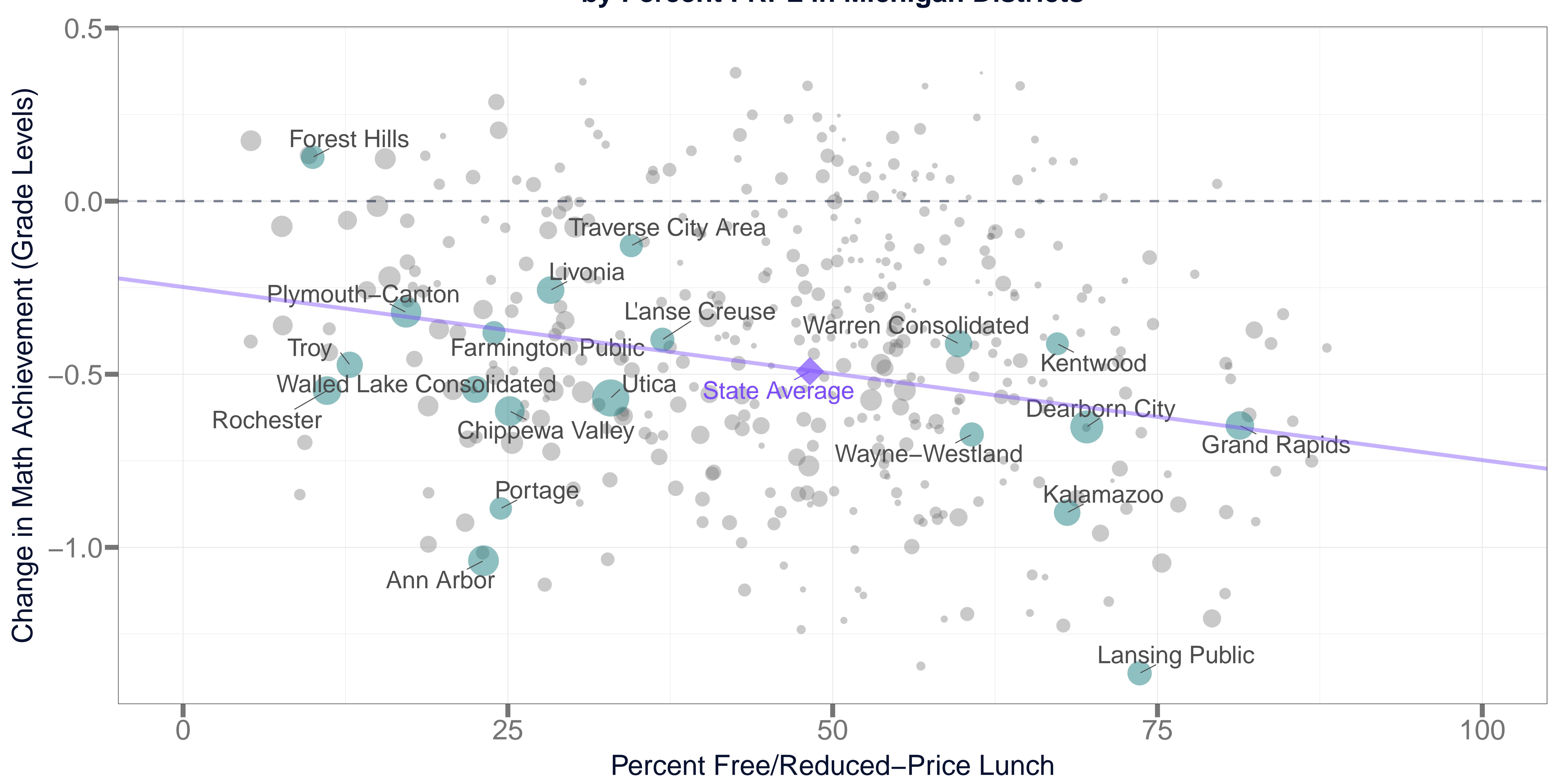
### **Average Reading Scores and Trends in Scores**

in Grade Level Equivalents Relative to the 2019 National Average

|          | 2079<br>A <sup>VO</sup> 19 | 2022<br>AVR/298 | 2024<br>AVG/396 | 2019-22<br>Change | 2022-24<br>Change | 2079-24<br>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    |

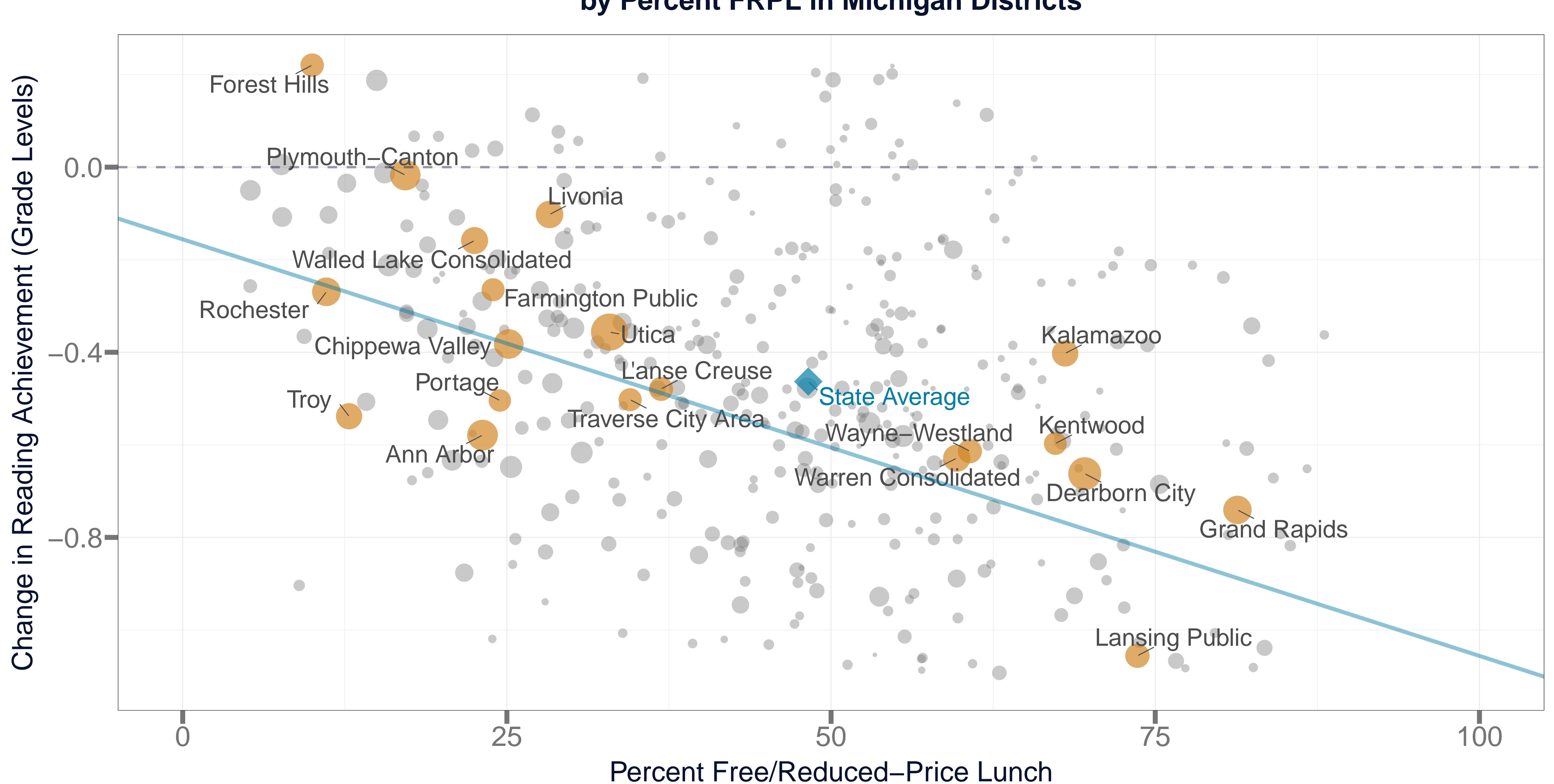


## Change in Math Achievement 2019–2022 by Percent FRPL in Michigan Districts



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

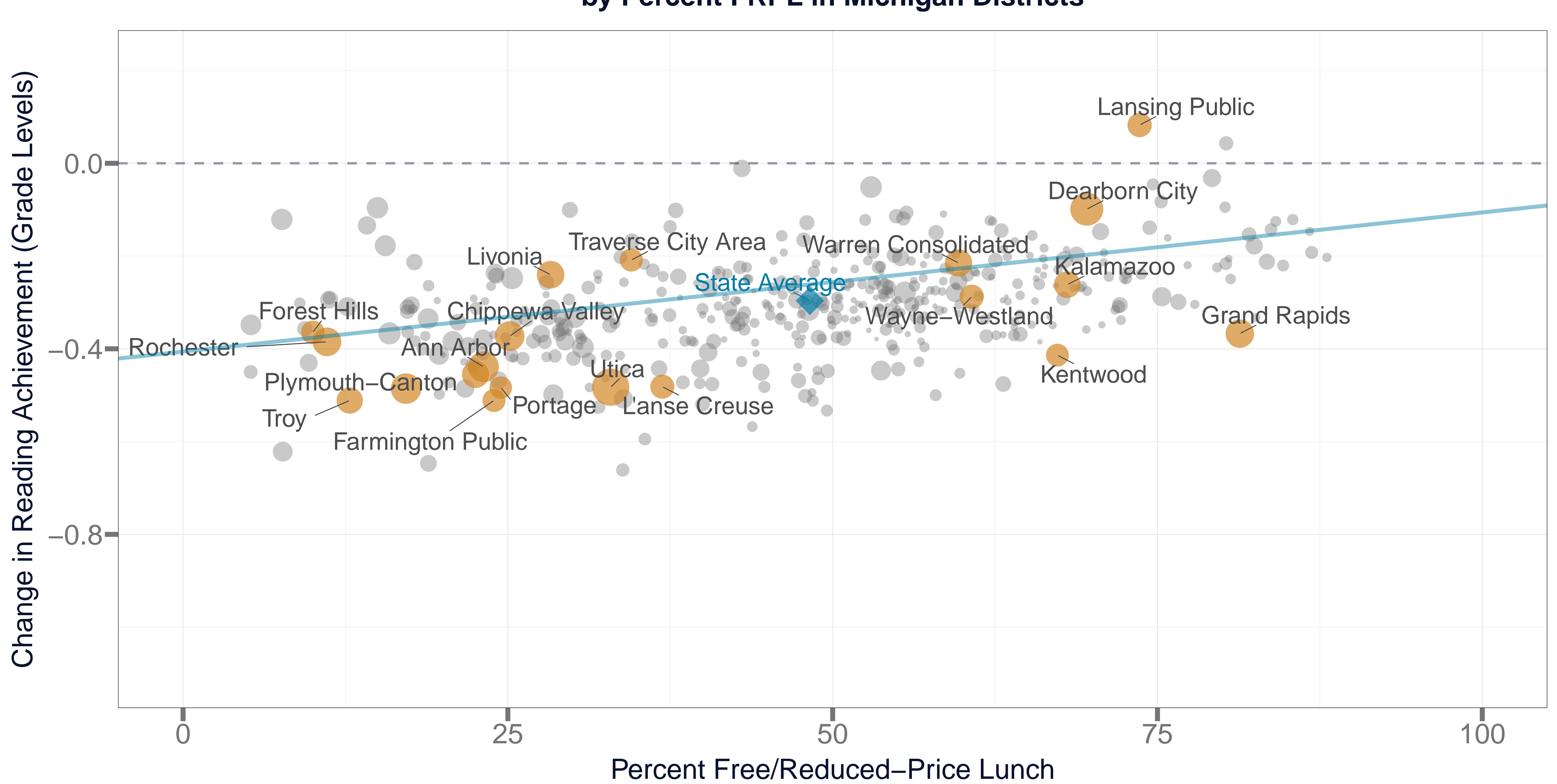


## Change in Math Achievement 2022–2024 by Percent FRPL in Michigan Districts

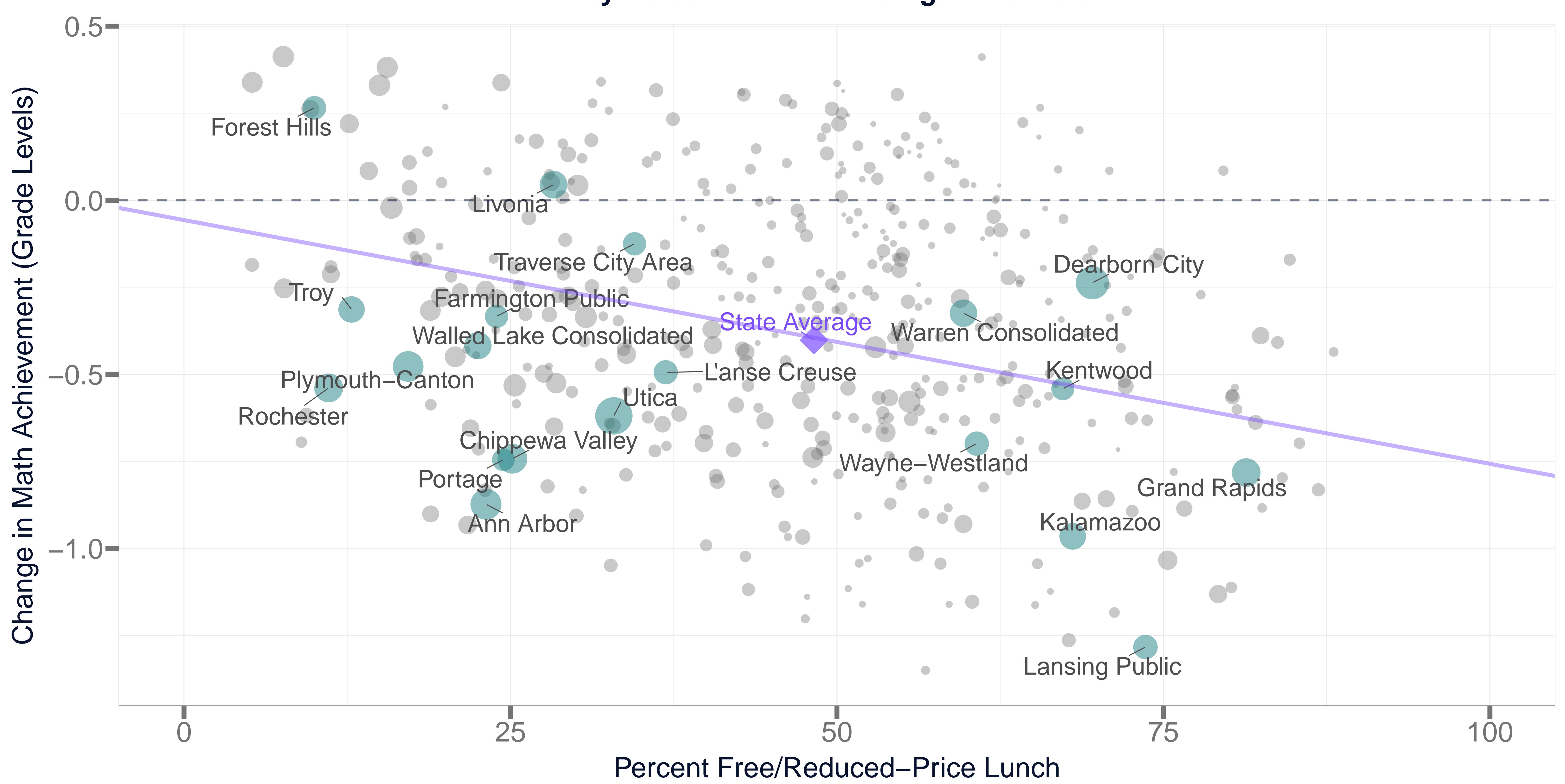


Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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

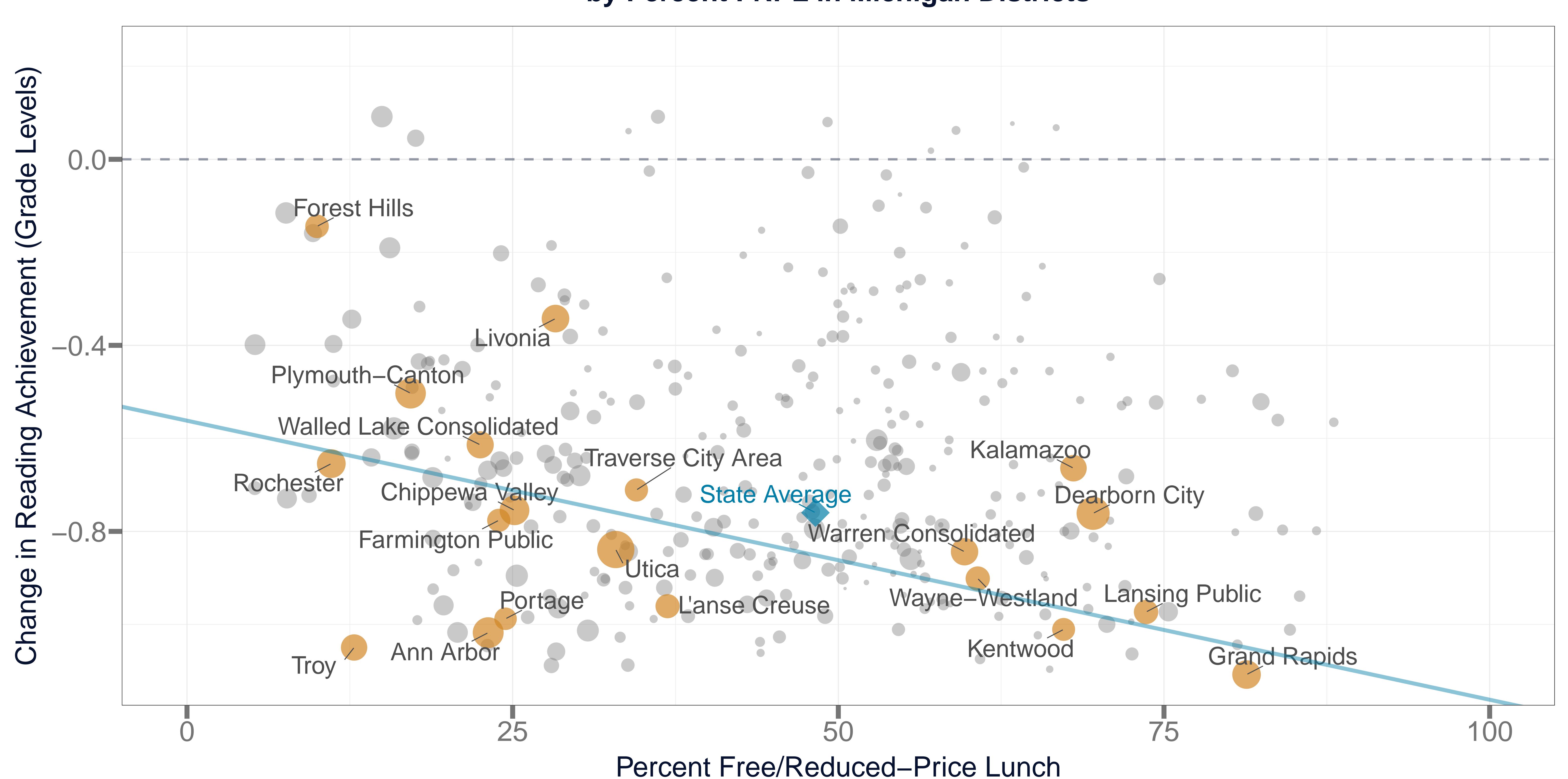


## Change in Math Achievement 2019–2024 by Percent FRPL in Michigan Districts

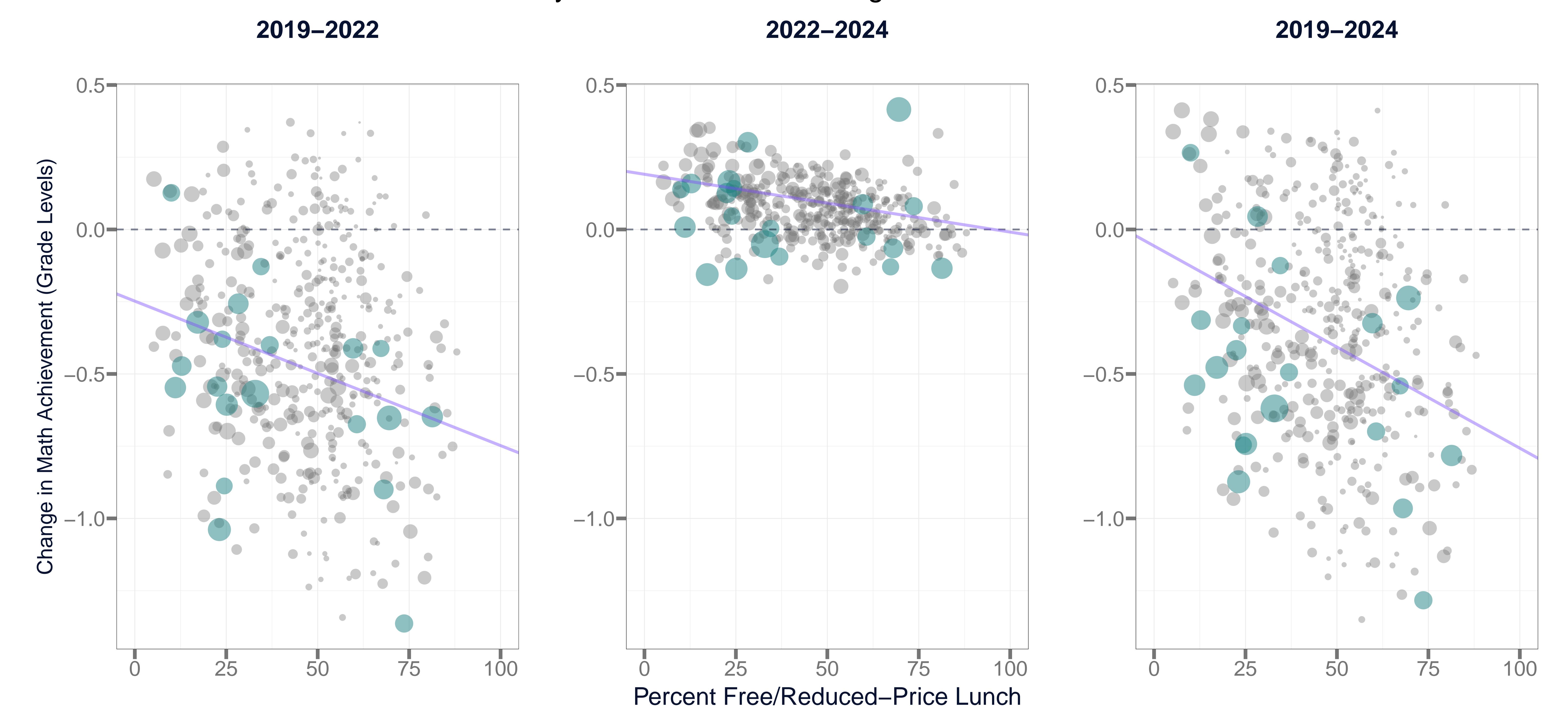


Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

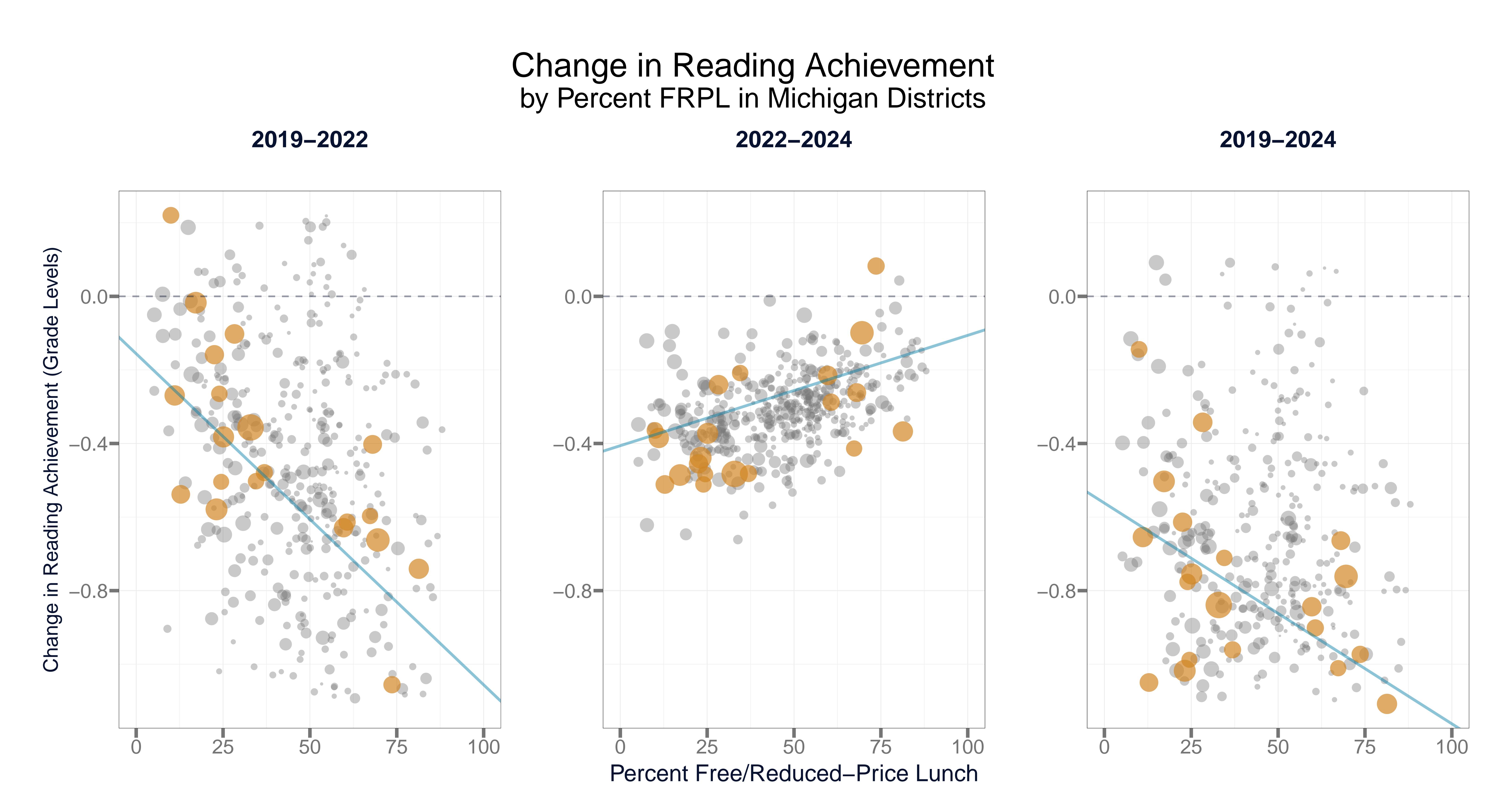
## Change in Reading Achievement 2019–2024 by Percent FRPL in Michigan Districts



# 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

