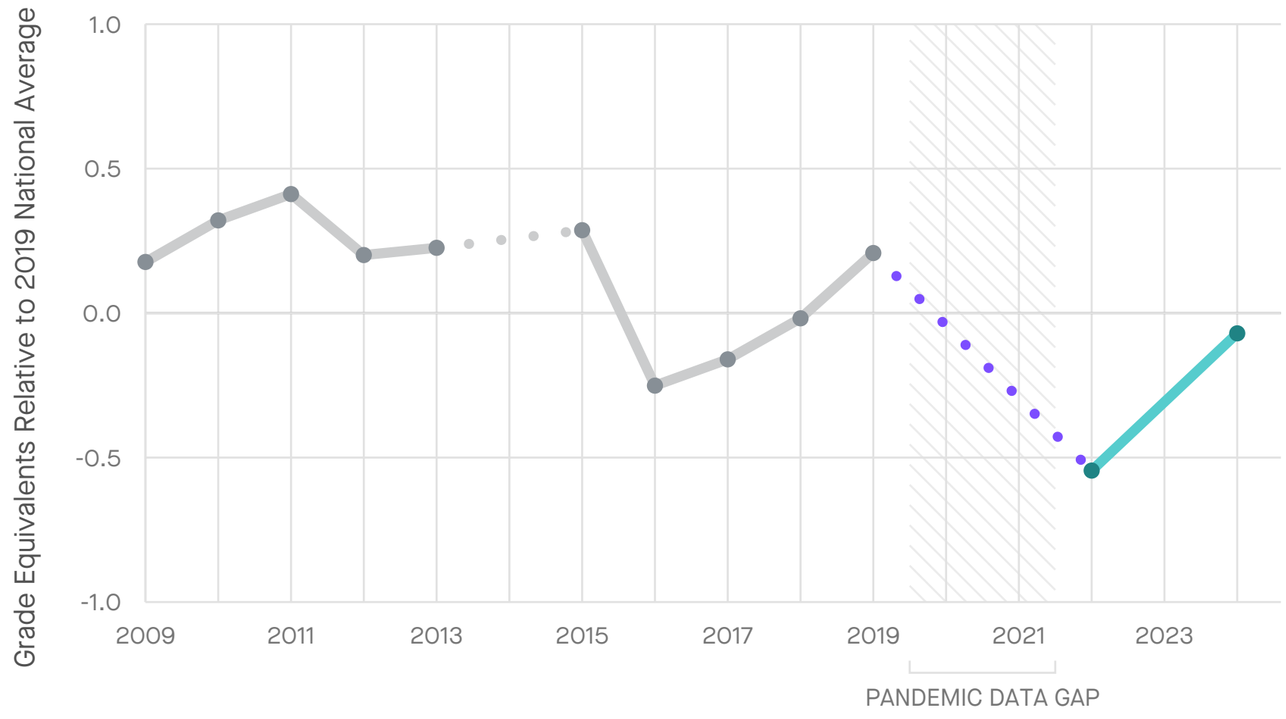
# Parma City, OH



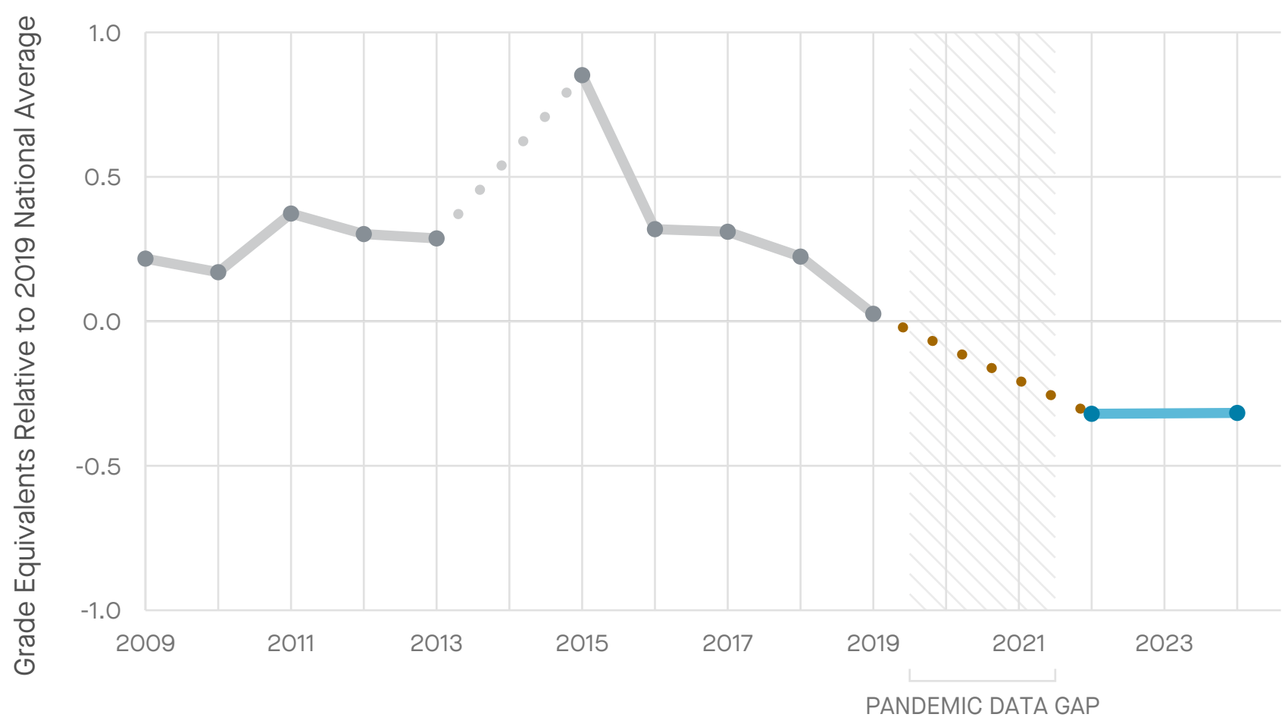
## Math Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | 0.21 |
| **2022 Average** | -0.55 |
| **2024 Average** | -0.07 |
| **2019-2022 Change** | -0.75 |
| **2022-2024 Change** | +0.47 |
| **Since 2019** | -0.28 |

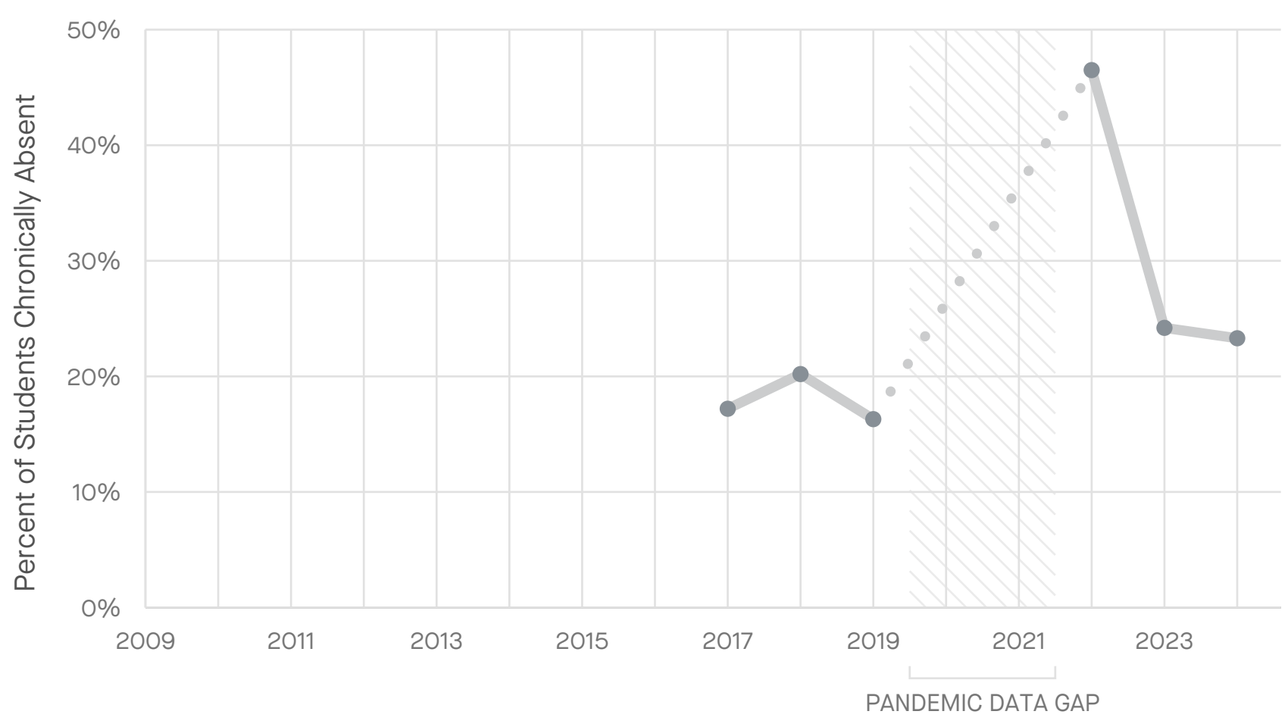
## Reading Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | 0.03 |
| **2022 Average** | -0.32 |
| **2024 Average** | -0.32 |
| **2019-2022 Change** | -0.35 |
| **2022-2024 Change** | +0.00 |
| **Since 2019** | -0.34 |

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




**Absenteeism**

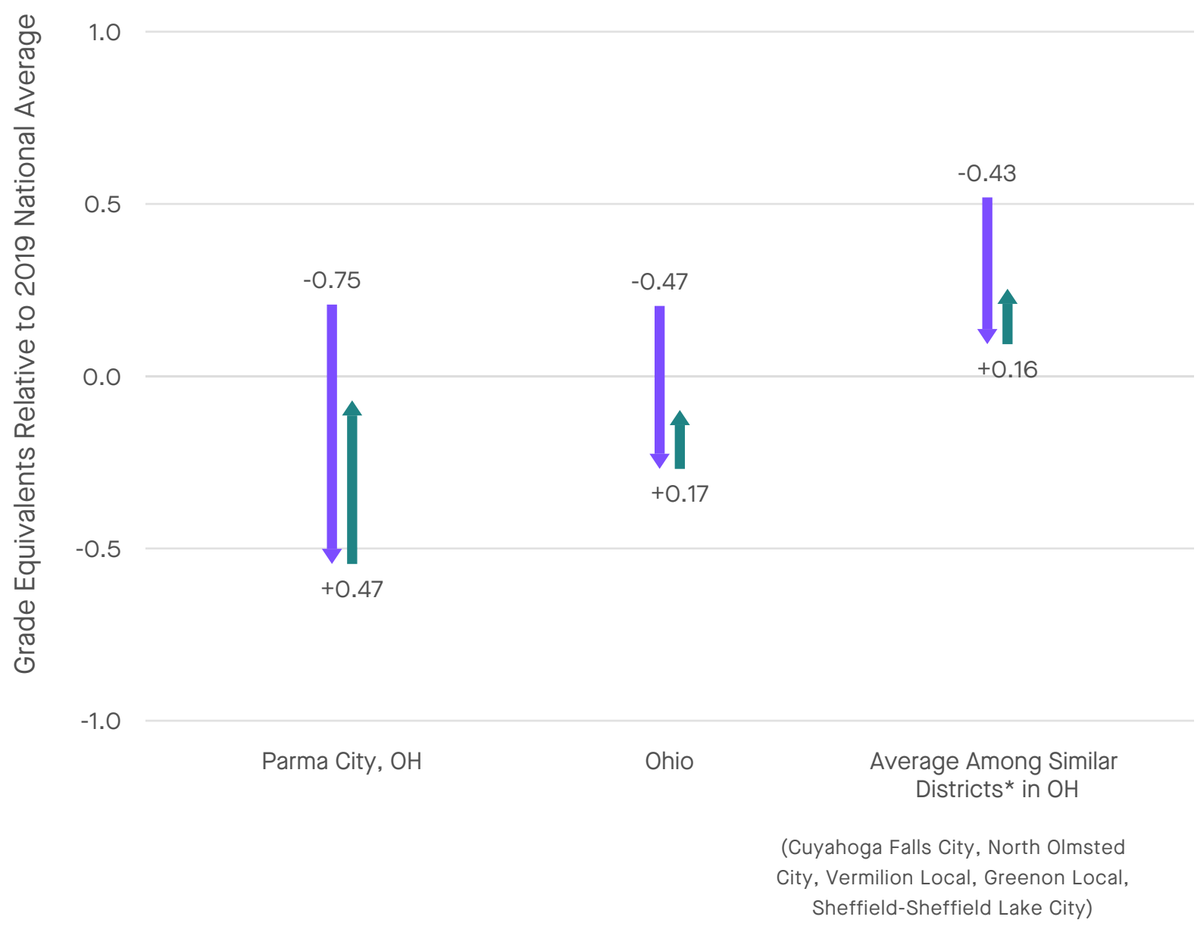
| | |
|---|---|
| **2019-2023 Change** | +0.08 |
| **Since 2009** | N/A |

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

# Parma City, OH



## Math Performance in Parma City vs. Ohio and Similar Districts, Grades 3-8, 2019-2024



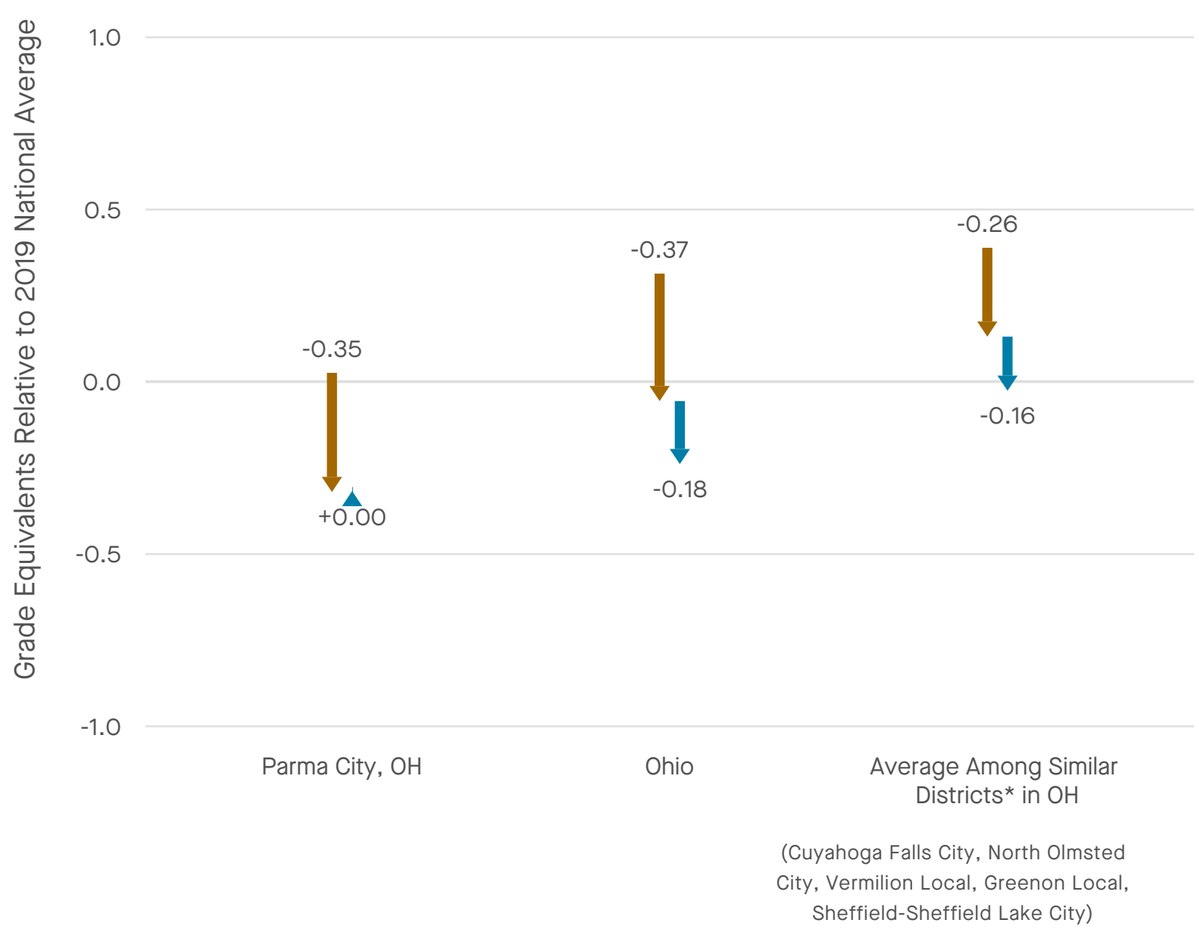

**Average Math Scores and Trends in Scores**

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 |
|---|---|---|---|---|---|---|
| **Parma City, OH** | 0.21 | -0.55 | -0.07 | ↓ -0.75 | ↑ 0.47 | ↓ -0.28 |
| **Ohio** | 0.20 | -0.27 | -0.10 | ↓ -0.47 | ↑ 0.17 | ↓ -0.30 |
| **Similar Districts* in Ohio** | 0.52 | 0.09 | 0.25 | ↓ -0.43 | ↑ 0.16 | ↓ -0.26 |

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

## Reading Performance in Parma City vs. Ohio 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

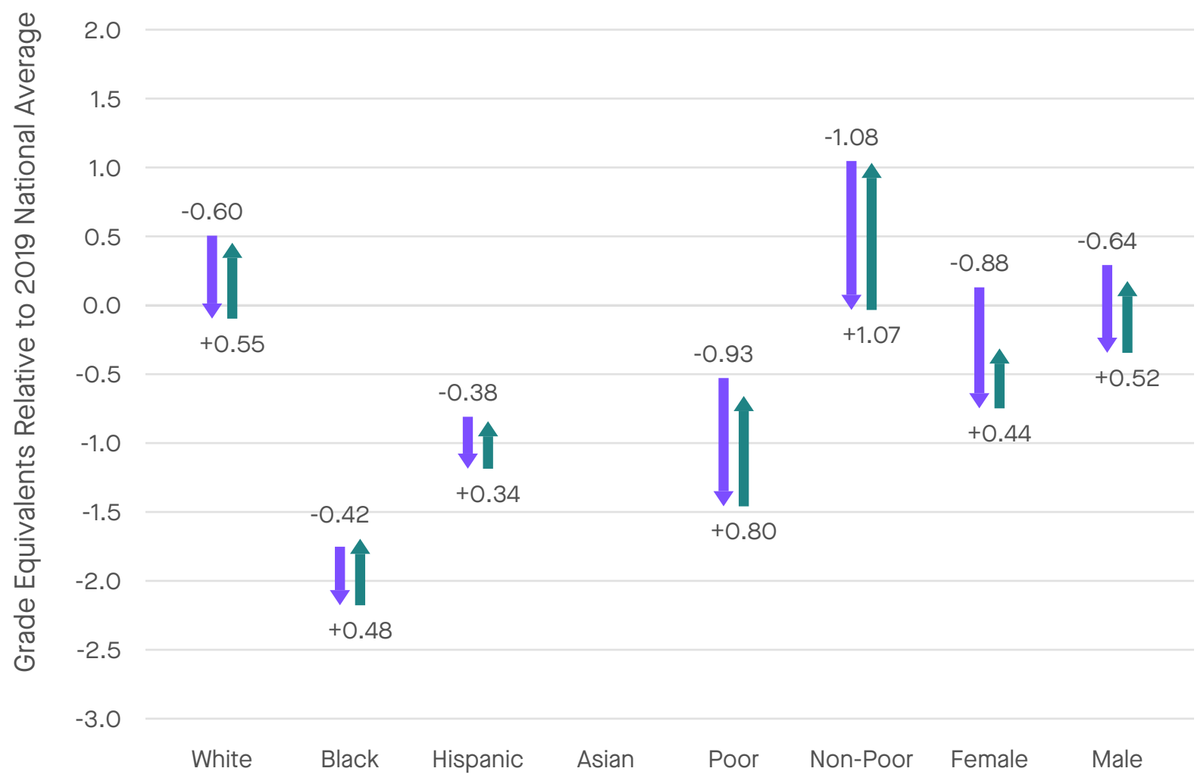
| | 2019 Average | 2022 Average | 2024 Average | 2019-22 Change | 2022-24 Change | 2019-24 Change |
|---|---|---|---|---|---|---|
| **Parma City, OH** | 0.03 | -0.32 | -0.32 | ↓ -0.35 | ↑ 0.00 | ↓ -0.34 |
| **Ohio** | 0.31 | -0.06 | -0.24 | ↓ -0.37 | ↓ -0.18 | ↓ -0.55 |
| **Similar Districts* in Ohio** | 0.39 | 0.13 | -0.03 | ↓ -0.26 | ↓ -0.16 | ↓ -0.42 |

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

# Parma City, OH



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

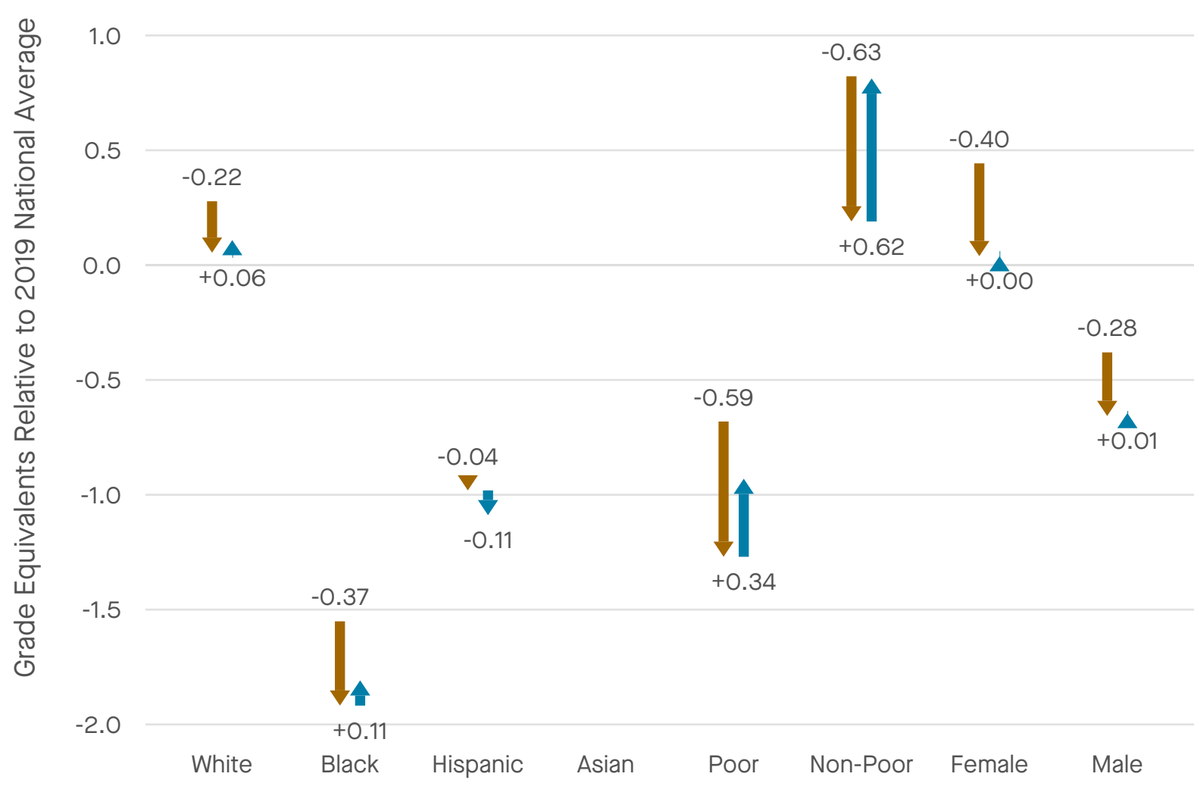



**Average Math Scores and Trends in Scores**

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** | 0.51 | -0.10 | 0.45 | ↓ -0.60 | ↑ 0.55 | ↓ -0.05 |
| **Black** | -1.75 | -2.18 | -1.69 | ↓ -0.42 | ↑ 0.48 | ↑ 0.06 |
| **Hispanic** | -0.81 | -1.19 | -0.84 | ↓ -0.38 | ↑ 0.34 | ↓ -0.03 |
| **Asian** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Poor** | -0.53 | -1.46 | -0.66 | ↓ -0.93 | ↑ 0.80 | ↓ -0.13 |
| **Non-Poor** | 1.05 | -0.03 | 1.03 | ↓ -1.08 | ↑ 1.07 | ↓ -0.01 |
| **Female** | 0.13 | -0.75 | -0.31 | ↓ -0.88 | ↑ 0.44 | ↓ -0.44 |
| **Male** | 0.29 | -0.34 | 0.18 | ↓ -0.64 | ↑ 0.52 | ↓ -0.12 |

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




**Average Reading Scores and Trends in Scores**

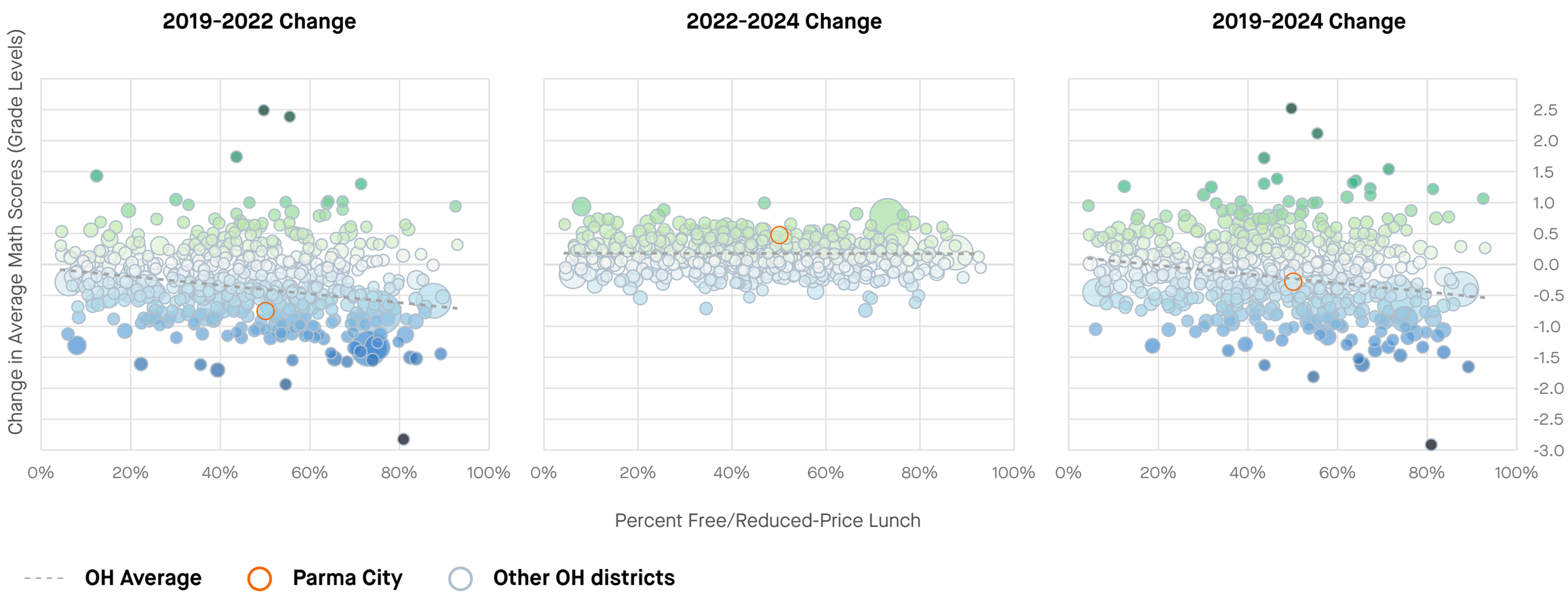
in Grade Level Equivalents Relative to the 2019 National Average

| | 2019 Average | 2022 Average | 2024 Average | 2019-22 Change | 2022-24 Change | 2019-24 Change |
|---|---|---|---|---|---|---|
| **White** | 0.28 | 0.05 | 0.11 | ↓ -0.22 | ↑ 0.06 | ↓ -0.17 |
| **Black** | -1.55 | -1.92 | -1.81 | ↓ -0.37 | ↑ 0.11 | ↓ -0.26 |
| **Hispanic** | -0.94 | -0.98 | -1.09 | ↓ -0.04 | ↓ -0.11 | ↓ -0.15 |
| **Asian** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Poor** | -0.68 | -1.27 | -0.93 | ↓ -0.59 | ↑ 0.34 | ↓ -0.25 |
| **Non-Poor** | 0.82 | 0.19 | 0.81 | ↓ -0.63 | ↑ 0.62 | ↓ -0.01 |
| **Female** | 0.44 | 0.04 | 0.04 | ↓ -0.40 | ↑ 0.00 | ↓ -0.40 |
| **Male** | -0.38 | -0.66 | -0.64 | ↓ -0.28 | ↑ 0.01 | ↓ -0.26 |

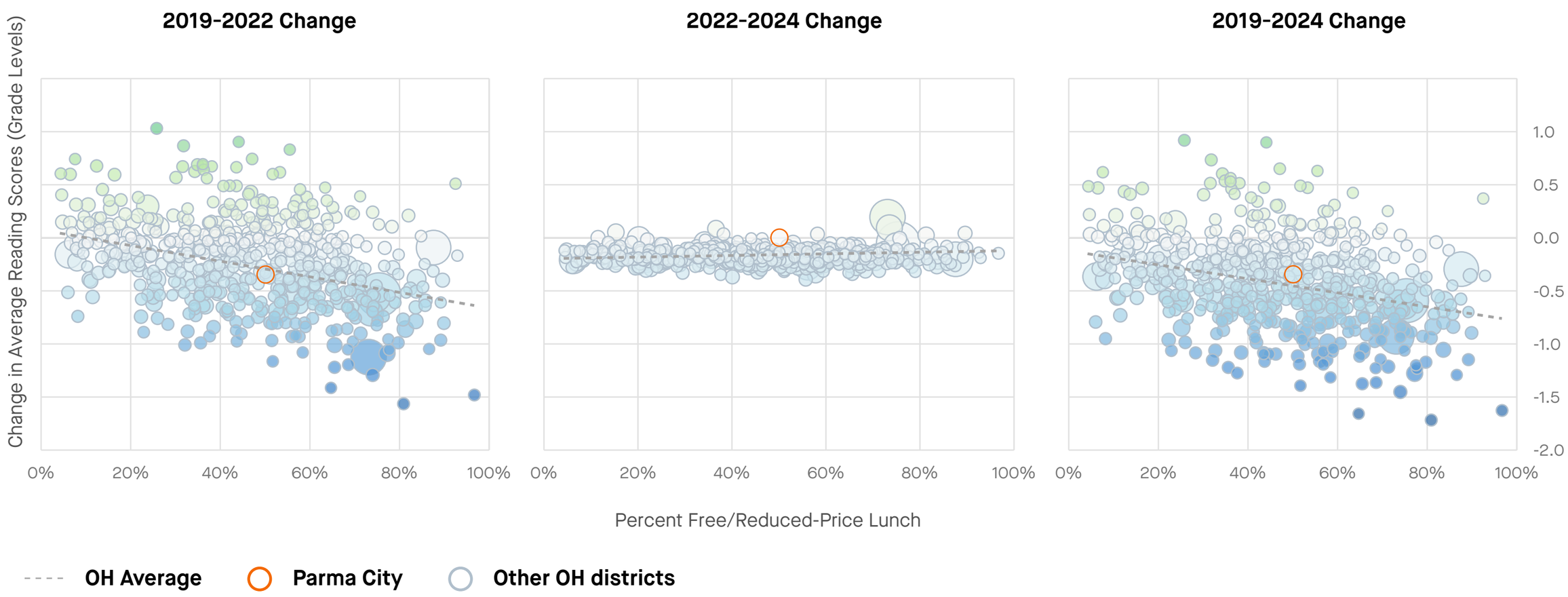
# Parma City, OH



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



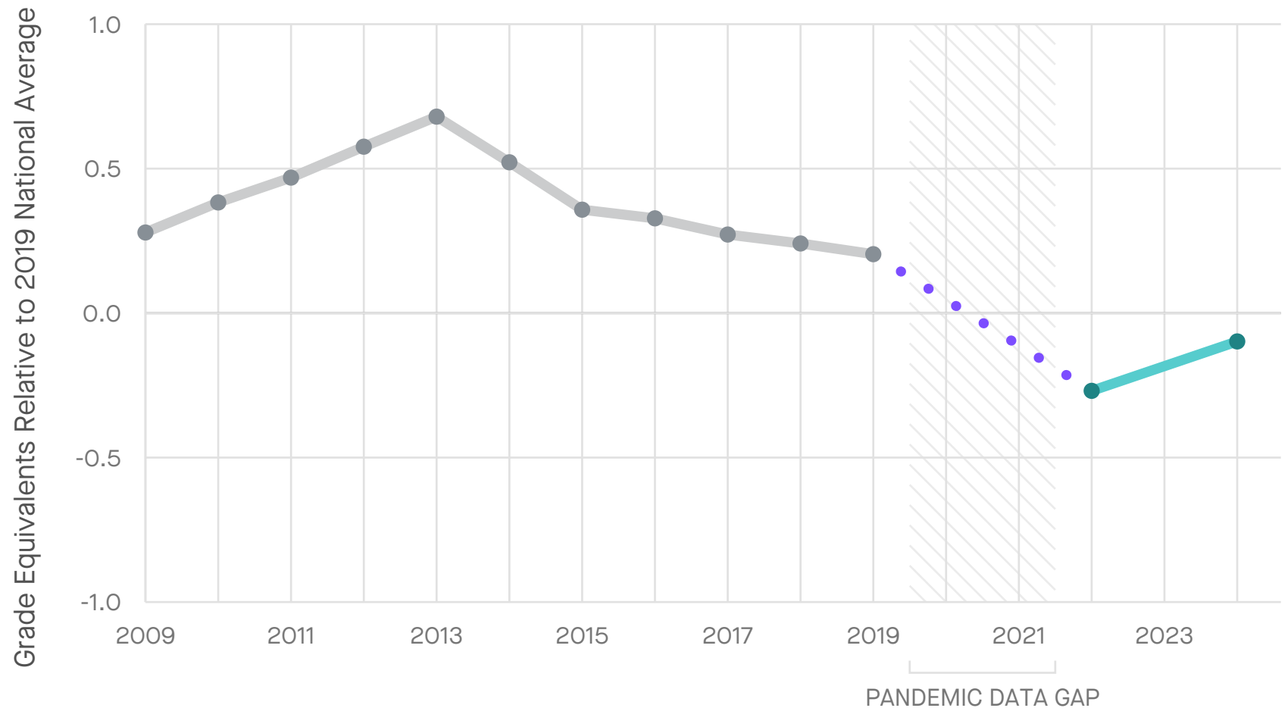

## Change in Reading Performance in Ohio Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



# Ohio



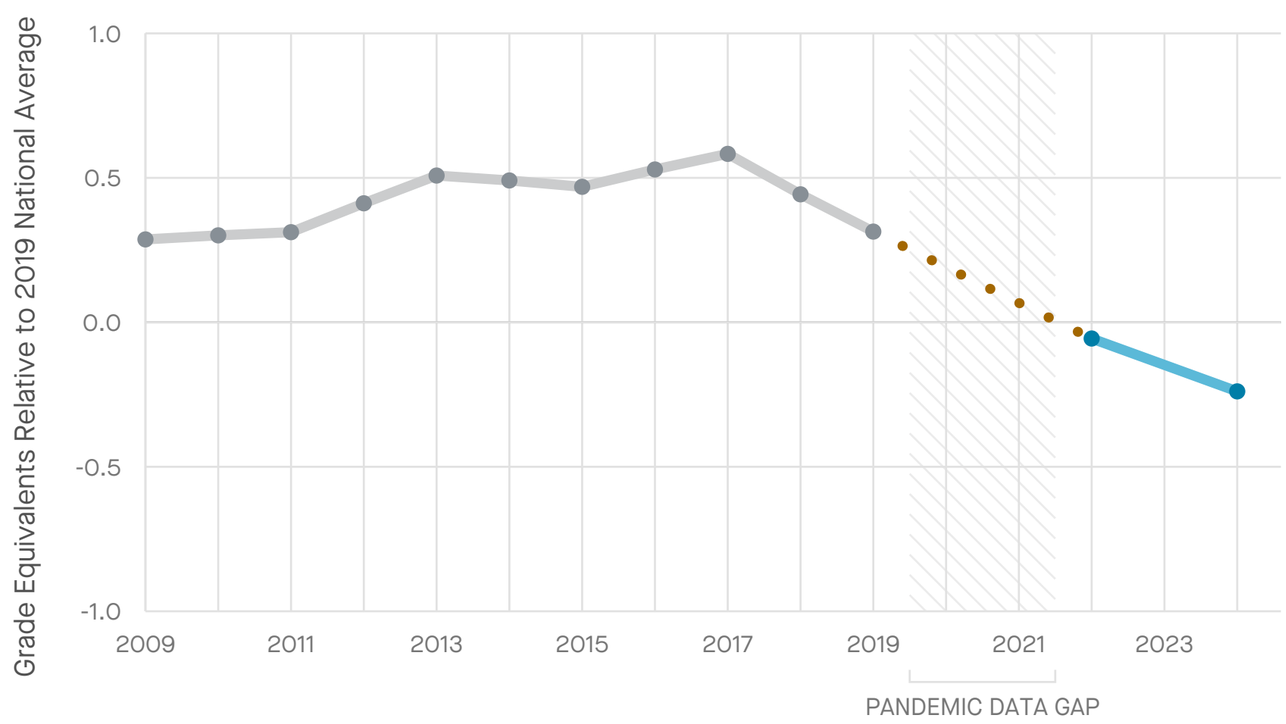
## Math Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | 0.20 |
| **2022 Average** | -0.27 |
| **2024 Average** | -0.10 |
| **2019-2022 Change** | -0.47 |
| **2022-2024 Change** | +0.17 |
| **Since 2019** | -0.30 |

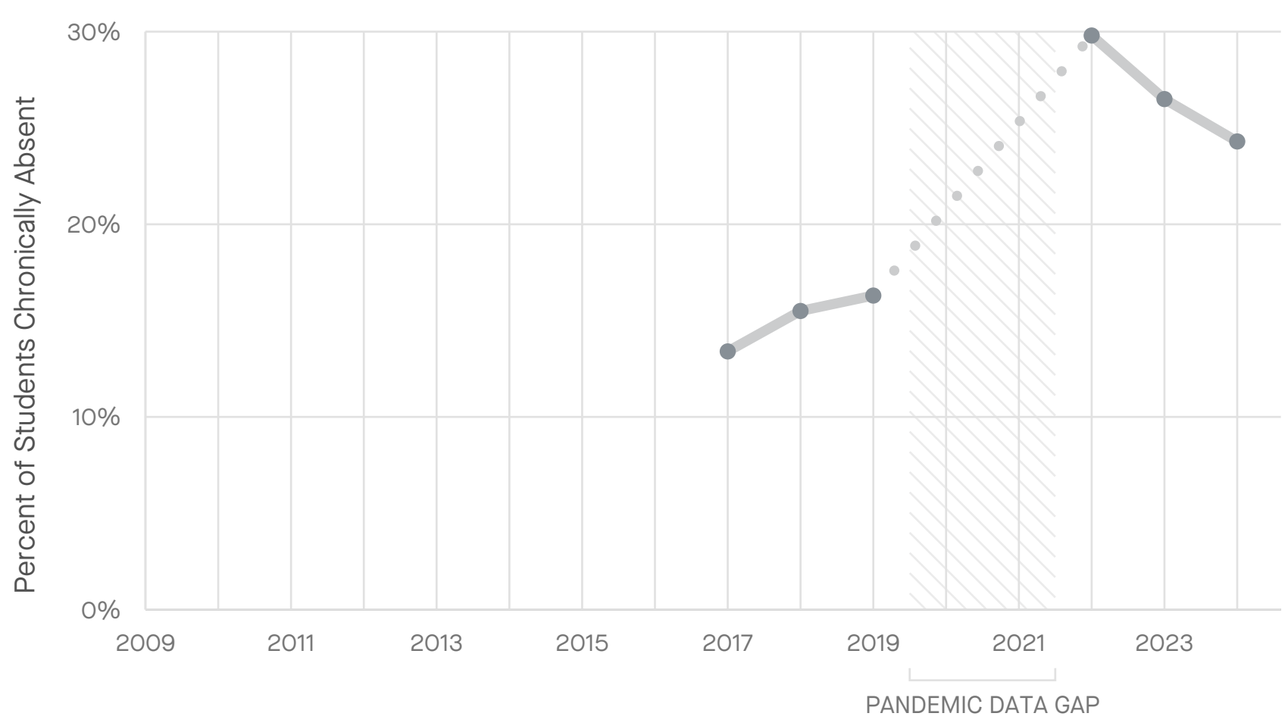
## Reading Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | 0.31 |
| **2022 Average** | -0.06 |
| **2024 Average** | -0.24 |
| **2019-2022 Change** | -0.37 |
| **2022-2024 Change** | -0.18 |
| **Since 2019** | -0.55 |

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




**Absenteeism**

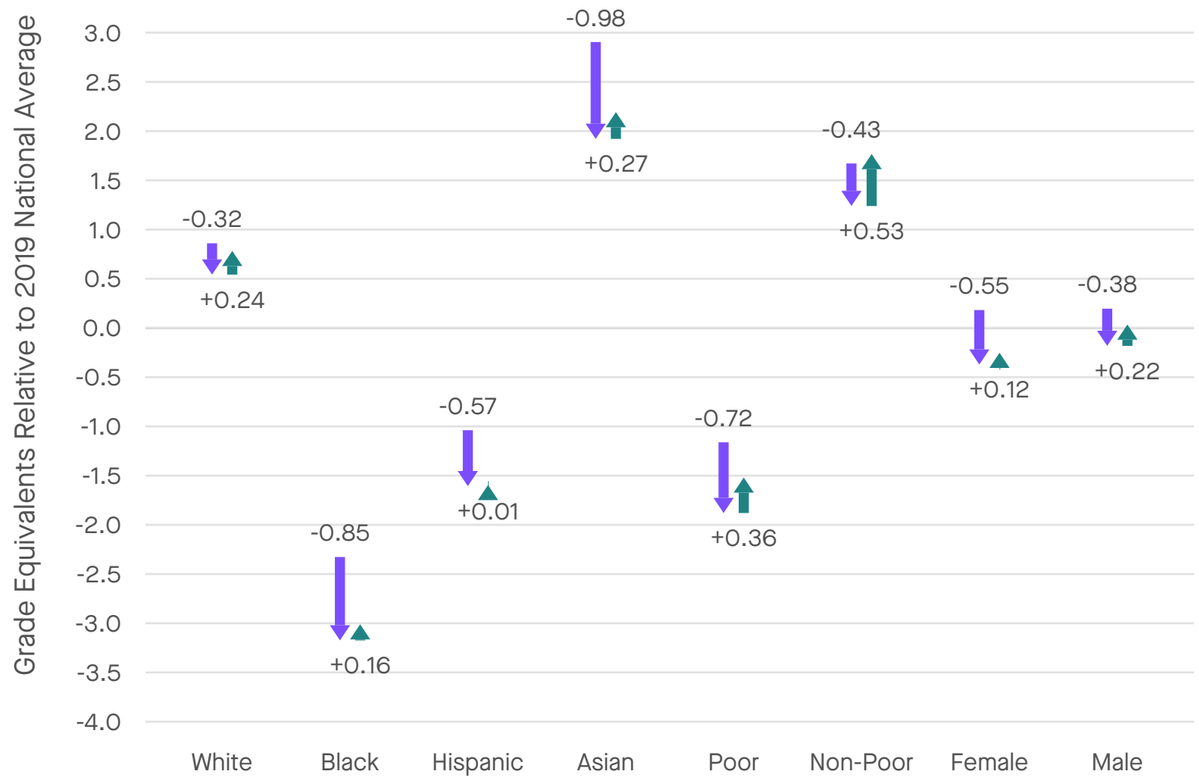
| | |
|---|---|
| **2019-2023 Change** | +0.10 |
| **Since 2009** | N/A |

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

# Ohio



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

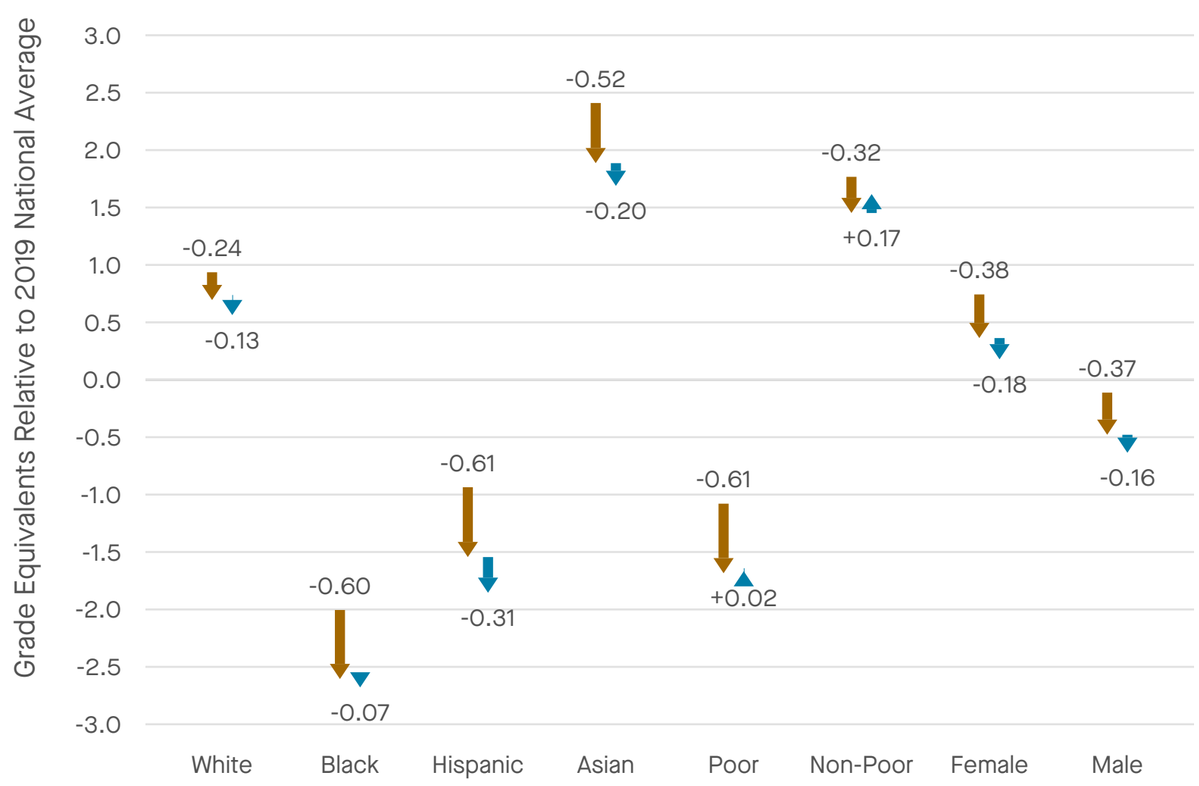



### Average Math Scores and Trends in Scores

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** | 0.86 | 0.54 | 0.78 | ↓ -0.32 | ↑ 0.24 | ↓ -0.08 |
| **Black** | -2.33 | -3.17 | -3.01 | ↓ -0.85 | ↑ 0.16 | ↓ -0.68 |
| **Hispanic** | -1.04 | -1.61 | -1.59 | ↓ -0.57 | ↑ 0.01 | ↓ -0.56 |
| **Asian** | 2.90 | 1.92 | 2.19 | ↓ -0.98 | ↑ 0.27 | ↓ -0.71 |
| **Poor** | -1.16 | -1.88 | -1.52 | ↓ -0.72 | ↑ 0.36 | ↓ -0.36 |
| **Non-Poor** | 1.67 | 1.24 | 1.77 | ↓ -0.43 | ↑ 0.53 | ↑ 0.10 |
| **Female** | 0.18 | -0.37 | -0.25 | ↓ -0.55 | ↑ 0.12 | ↓ -0.43 |
| **Male** | 0.20 | -0.18 | 0.04 | ↓ -0.38 | ↑ 0.22 | ↓ -0.16 |

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

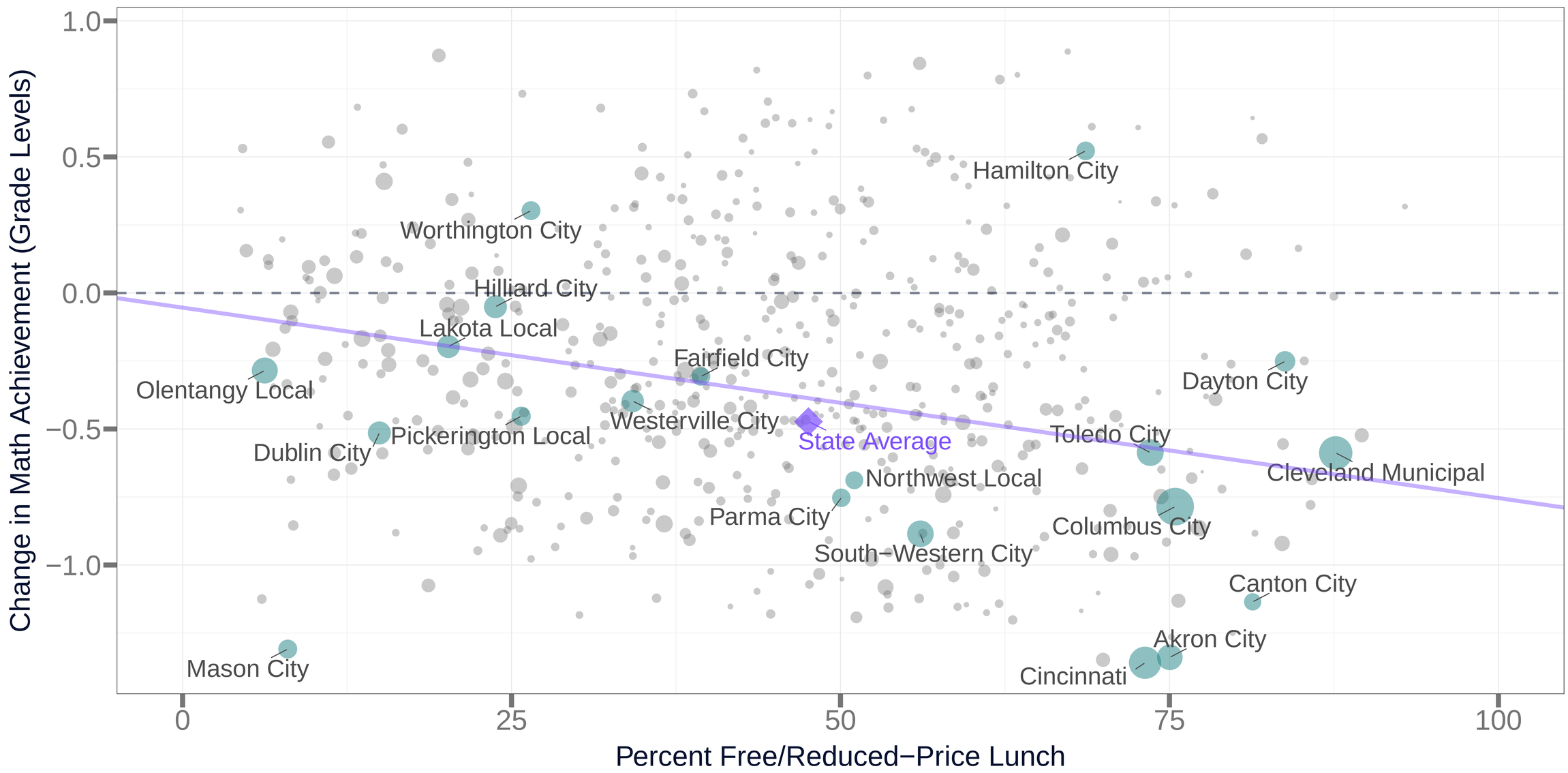



### Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

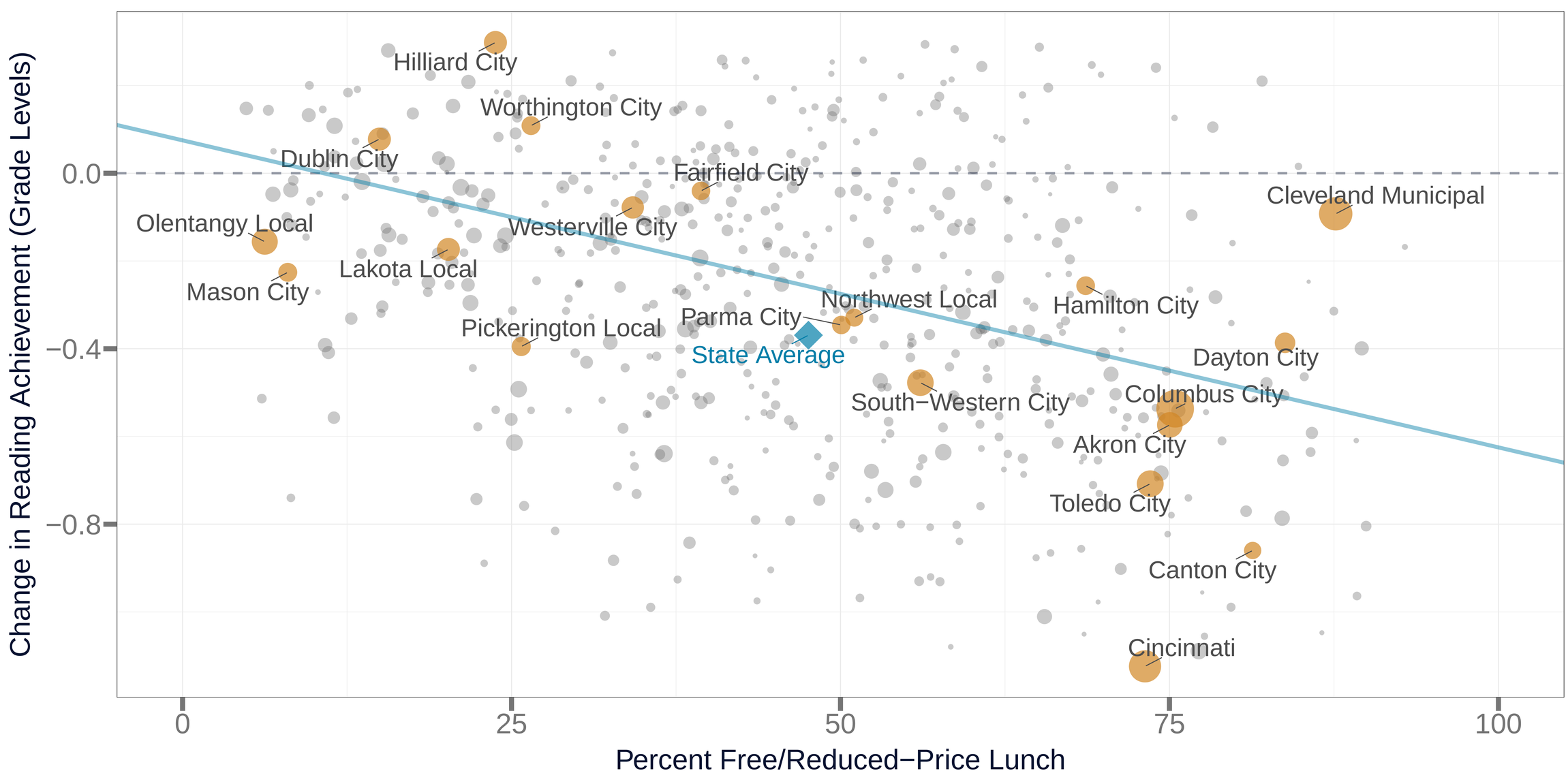
| | 2019 Average | 2022 Average | 2024 Average | 2019-22 Change | 2022-24 Change | 2019-24 Change |
|---|---|---|---|---|---|---|
| **White** | 0.94 | 0.69 | 0.56 | ↓ -0.24 | ↓ -0.13 | ↓ -0.37 |
| **Black** | -2.00 | -2.61 | -2.68 | ↓ -0.60 | ↓ -0.07 | ↓ -0.67 |
| **Hispanic** | -0.94 | -1.54 | -1.85 | ↓ -0.61 | ↓ -0.31 | ↓ -0.92 |
| **Asian** | 2.41 | 1.89 | 1.69 | ↓ -0.52 | ↓ -0.20 | ↓ -0.72 |
| **Poor** | -1.08 | -1.69 | -1.67 | ↓ -0.61 | ↑ 0.02 | ↓ -0.59 |
| **Non-Poor** | 1.77 | 1.45 | 1.62 | ↓ -0.32 | ↑ 0.17 | ↓ -0.15 |
| **Female** | 0.74 | 0.36 | 0.18 | ↓ -0.38 | ↓ -0.18 | ↓ -0.56 |
| **Male** | -0.11 | -0.48 | -0.64 | ↓ -0.37 | ↓ -0.16 | ↓ -0.52 |

## Change in Math Achievement 2019−2022
### by Percent FRPL in Ohio Districts



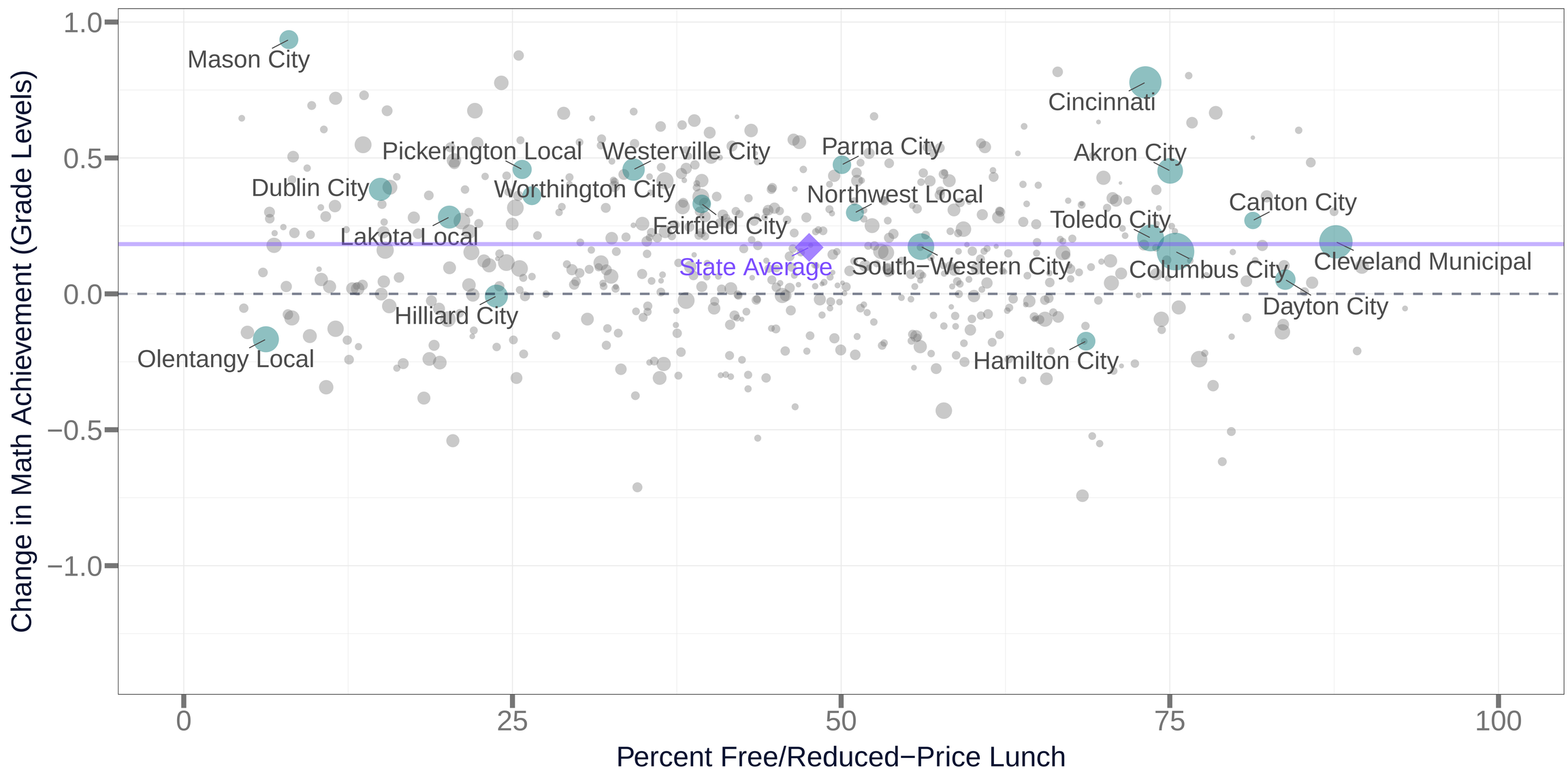

Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

## Change in Reading Achievement 2019−2022
### by Percent FRPL in Ohio Districts



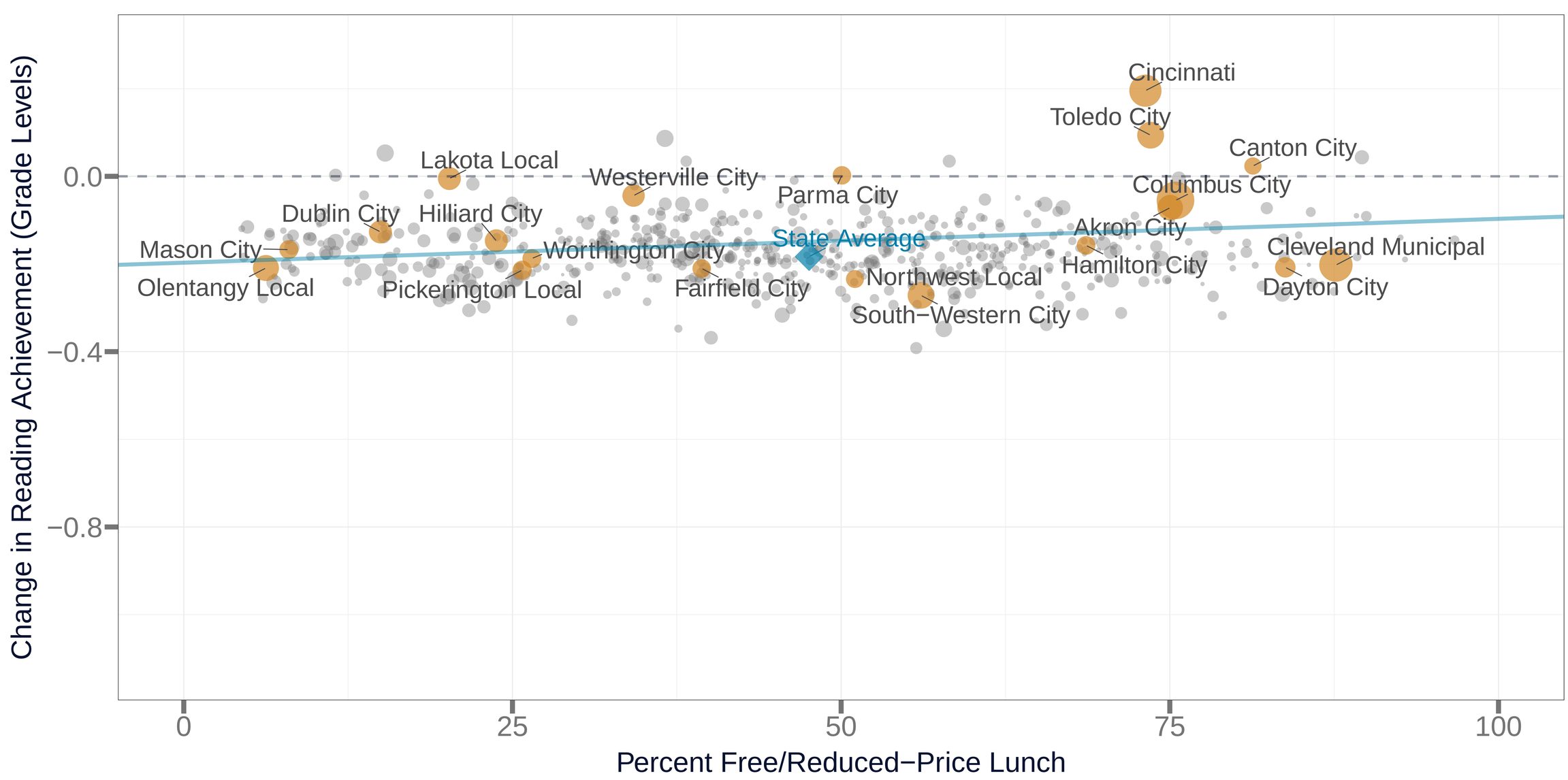

Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

## Change in Math Achievement 2022−2024
### by Percent FRPL in Ohio Districts



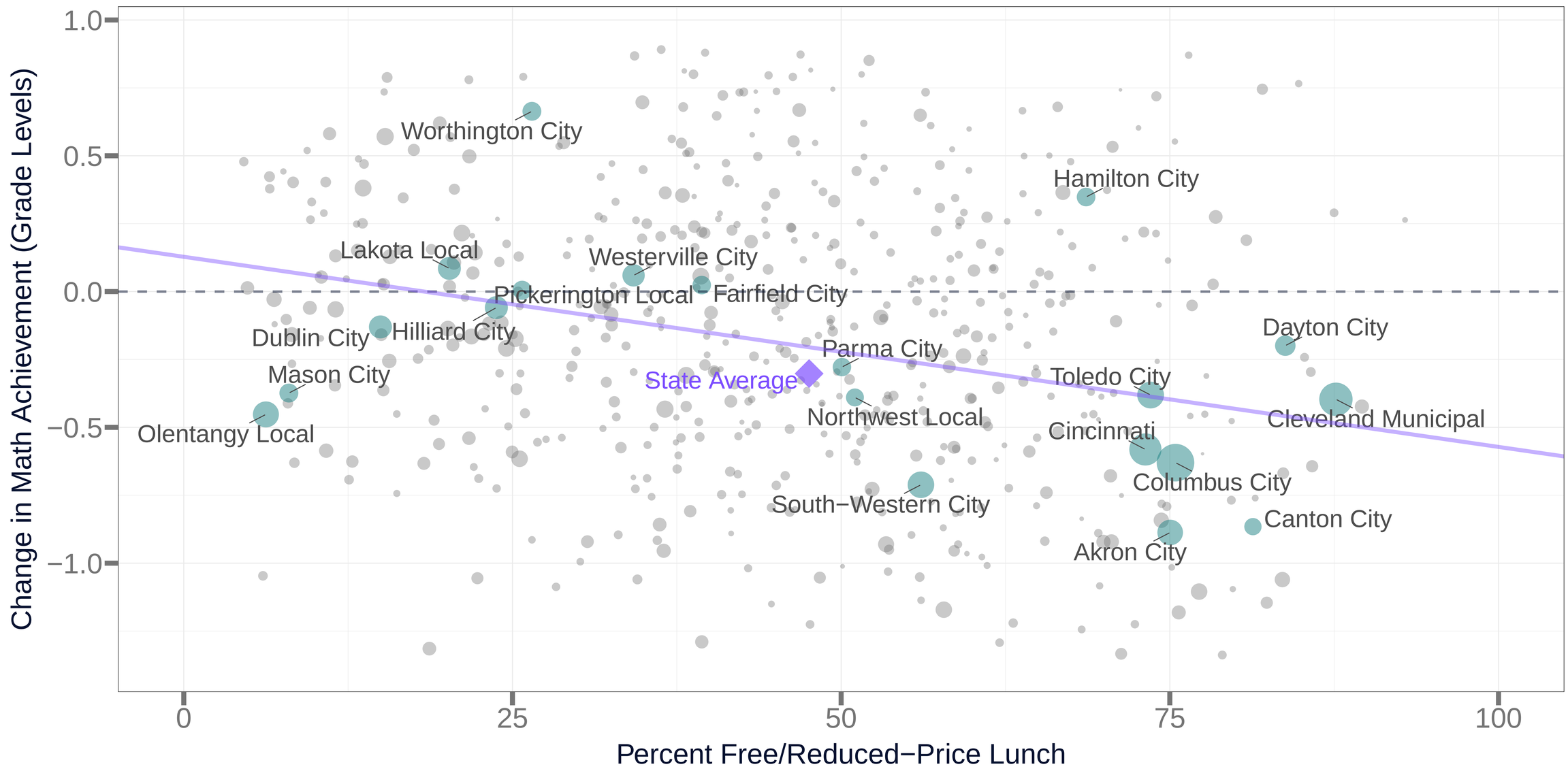

Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

## Change in Reading Achievement 2022−2024
### by Percent FRPL in Ohio 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 Ohio Districts

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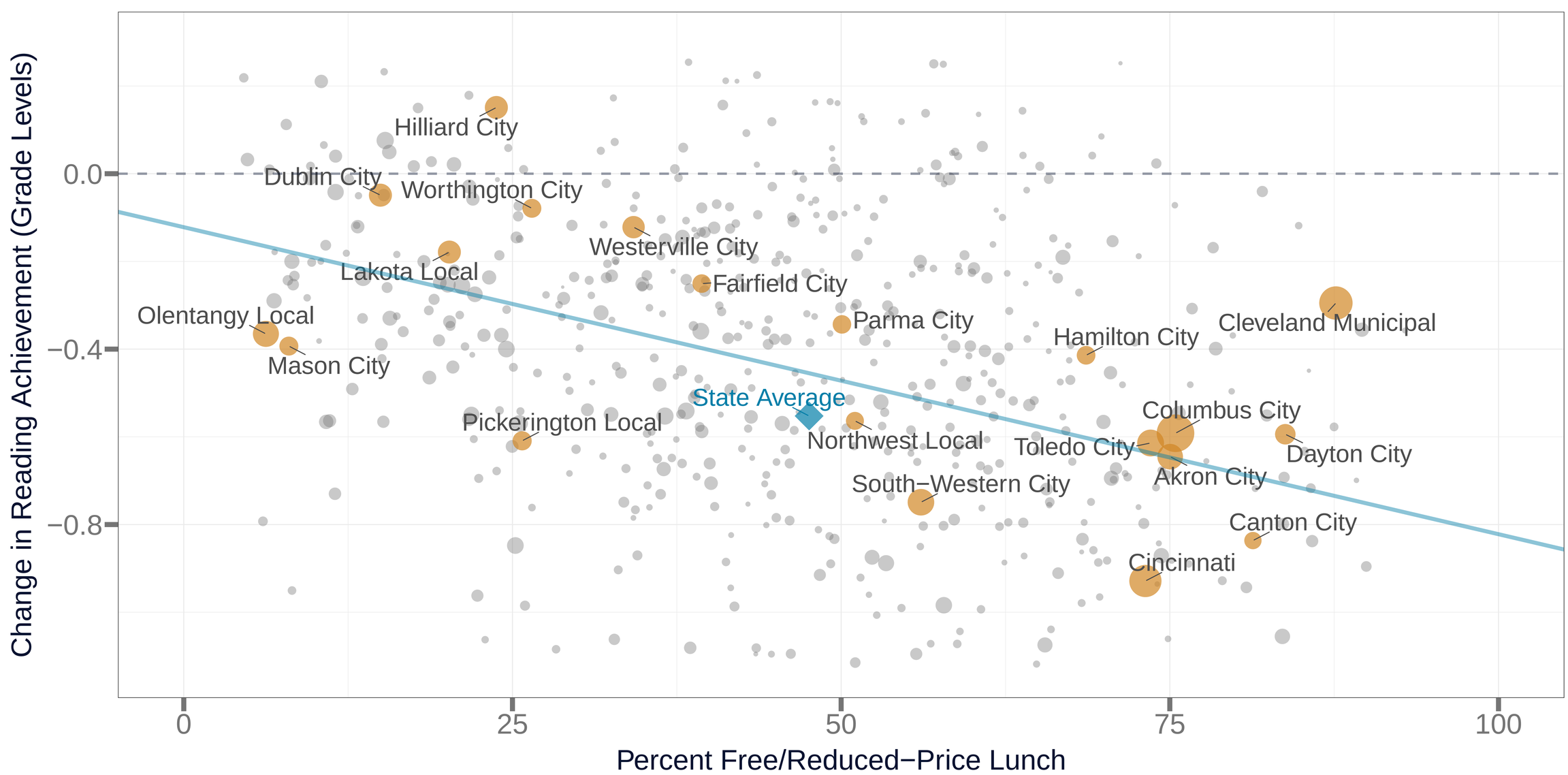
## Change in Reading Achievement 2019−2024
### by Percent FRPL in Ohio Districts

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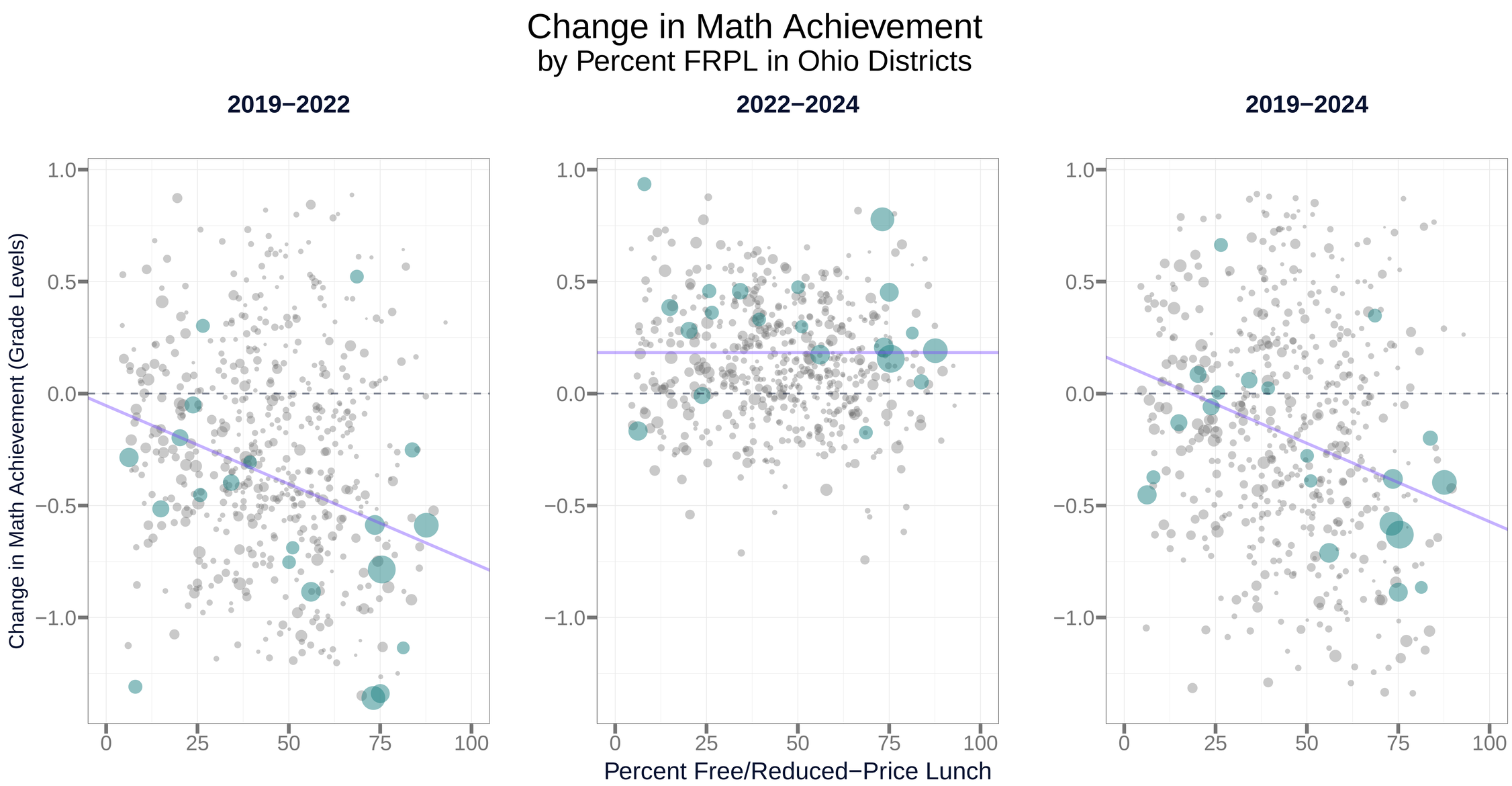
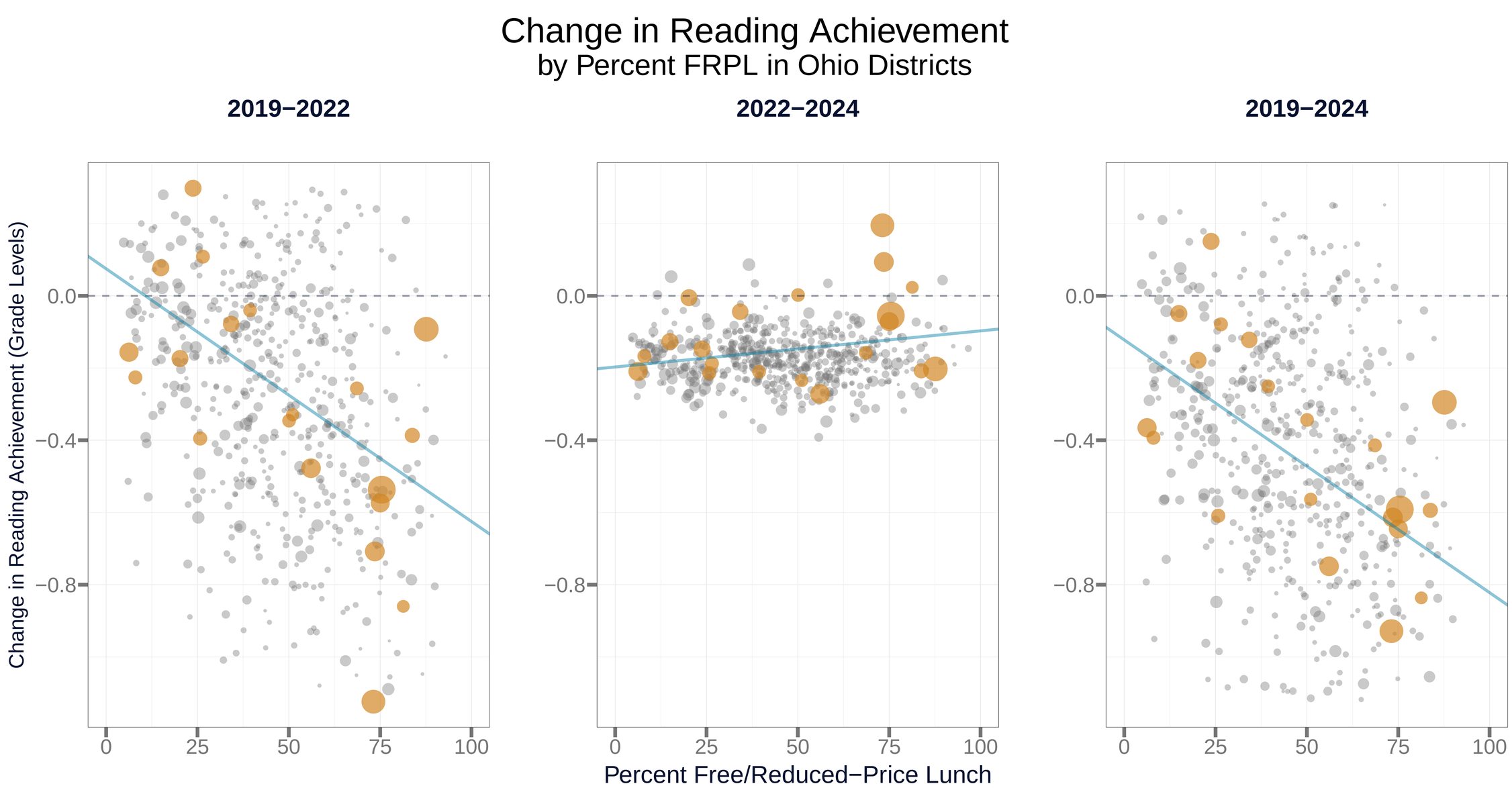
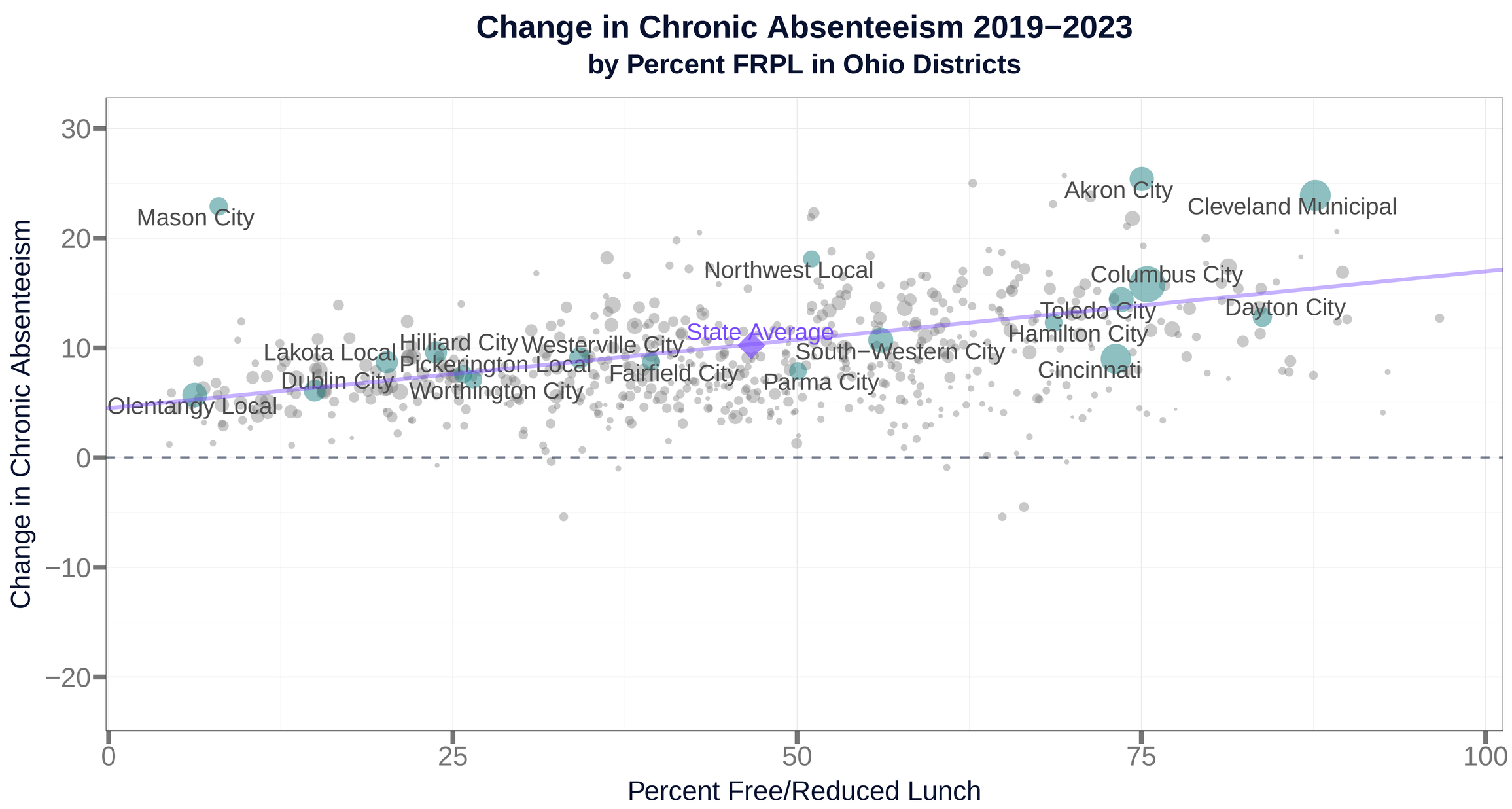



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.




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

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