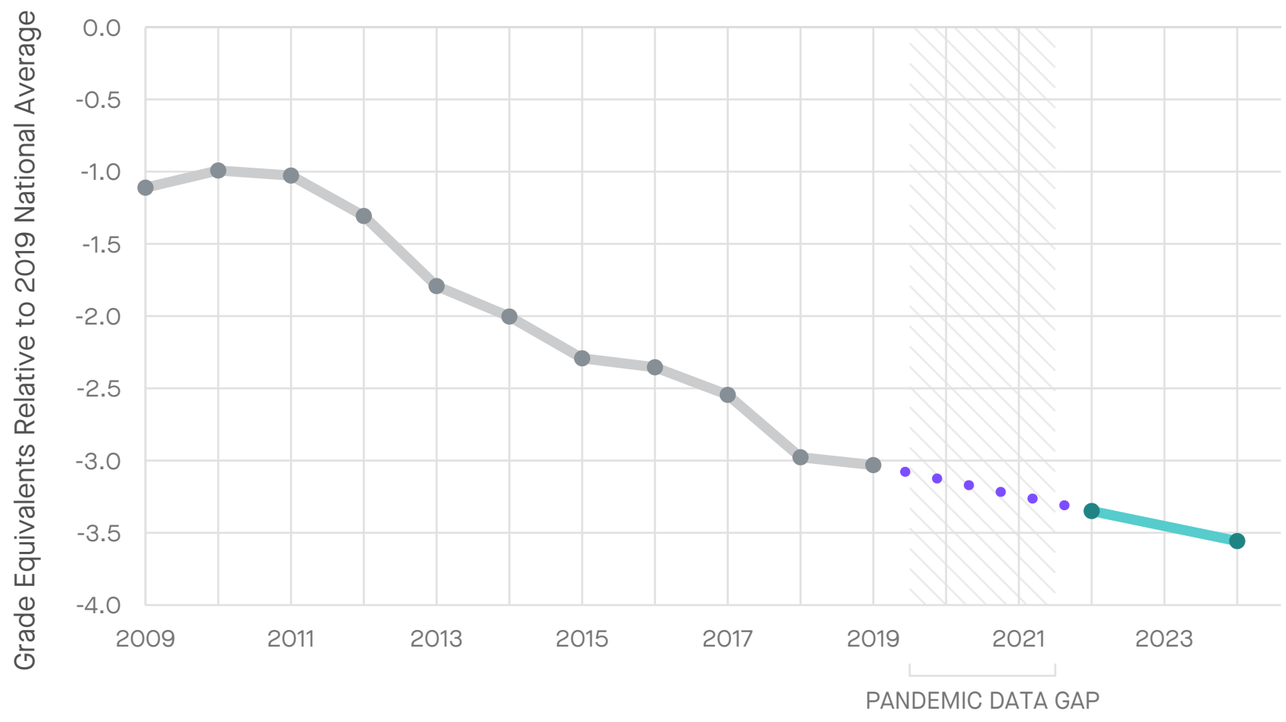
# Reading SD, PA



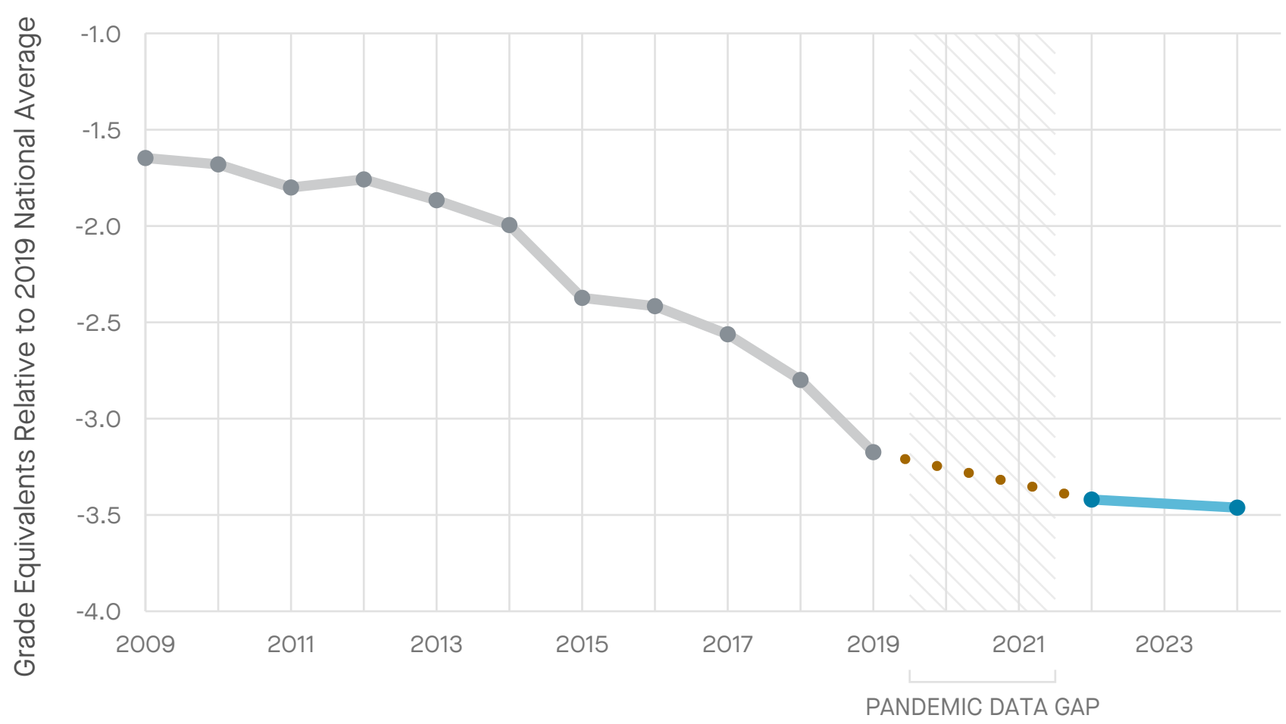
## Math Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | -3.03 |
| **2022 Average** | -3.35 |
| **2024 Average** | -3.56 |
| **2019-2022 Change** | -0.32 |
| **2022-2024 Change** | -0.21 |
| **Since 2019** | -0.53 |

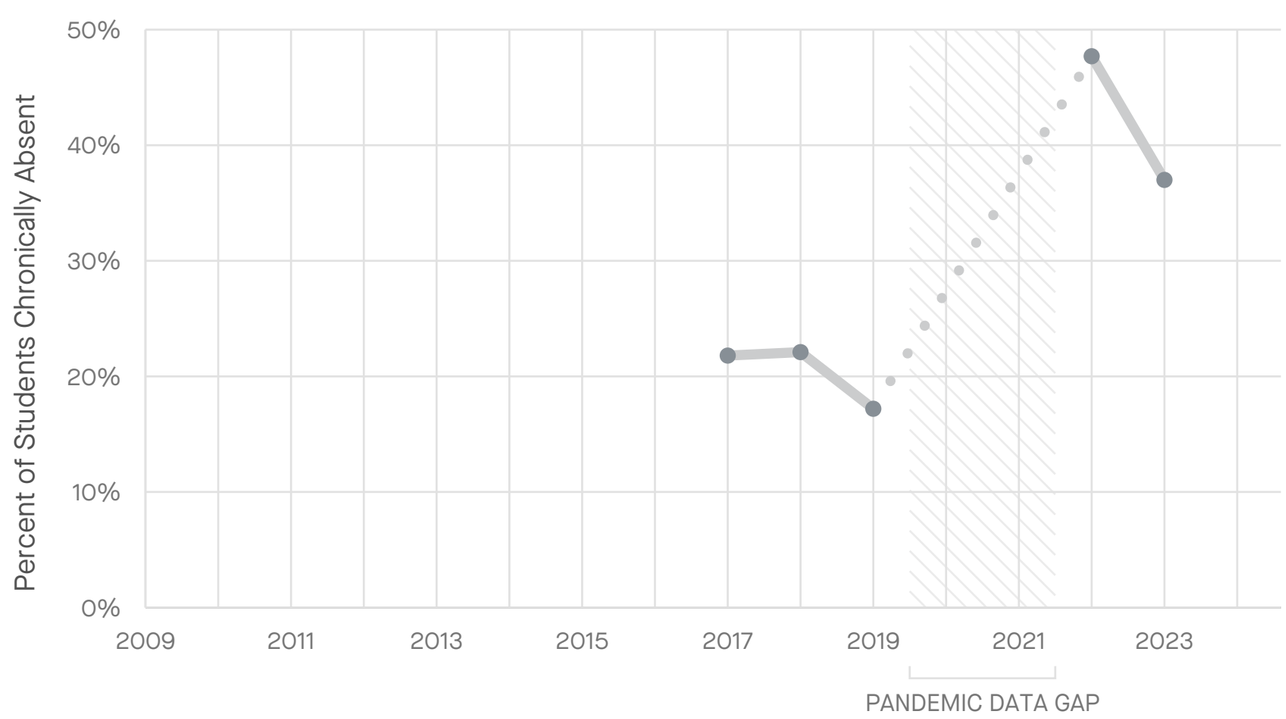
## Reading Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | -3.17 |
| **2022 Average** | -3.42 |
| **2024 Average** | -3.46 |
| **2019-2022 Change** | -0.25 |
| **2022-2024 Change** | -0.04 |
| **Since 2019** | -0.29 |

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




**Absenteeism**

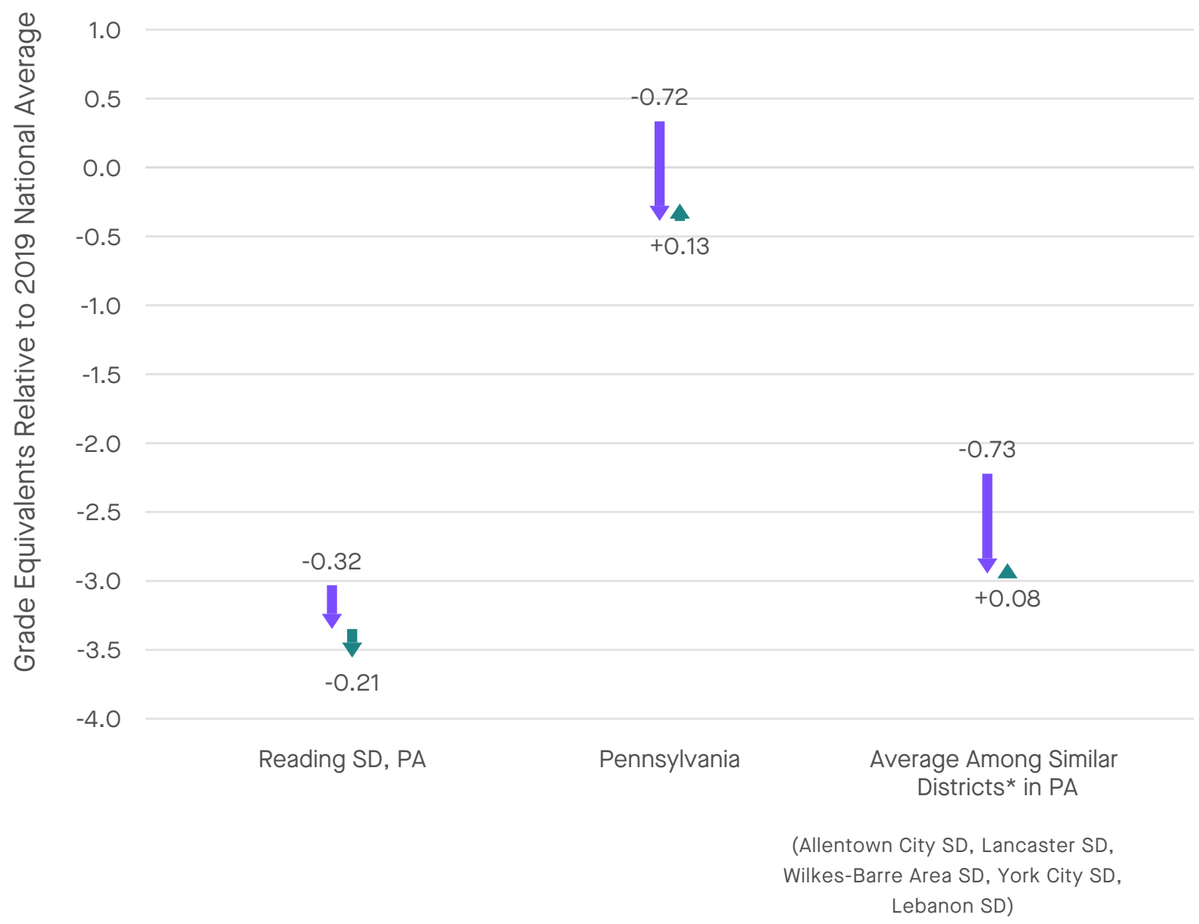
| | |
|---|---|
| **2019-2023 Change** | +0.20 |
| **Since 2009** | N/A |

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

# Reading SD, PA



## Math Performance in Reading SD vs. Pennsylvania and Similar Districts, Grades 3-8, 2019-2024



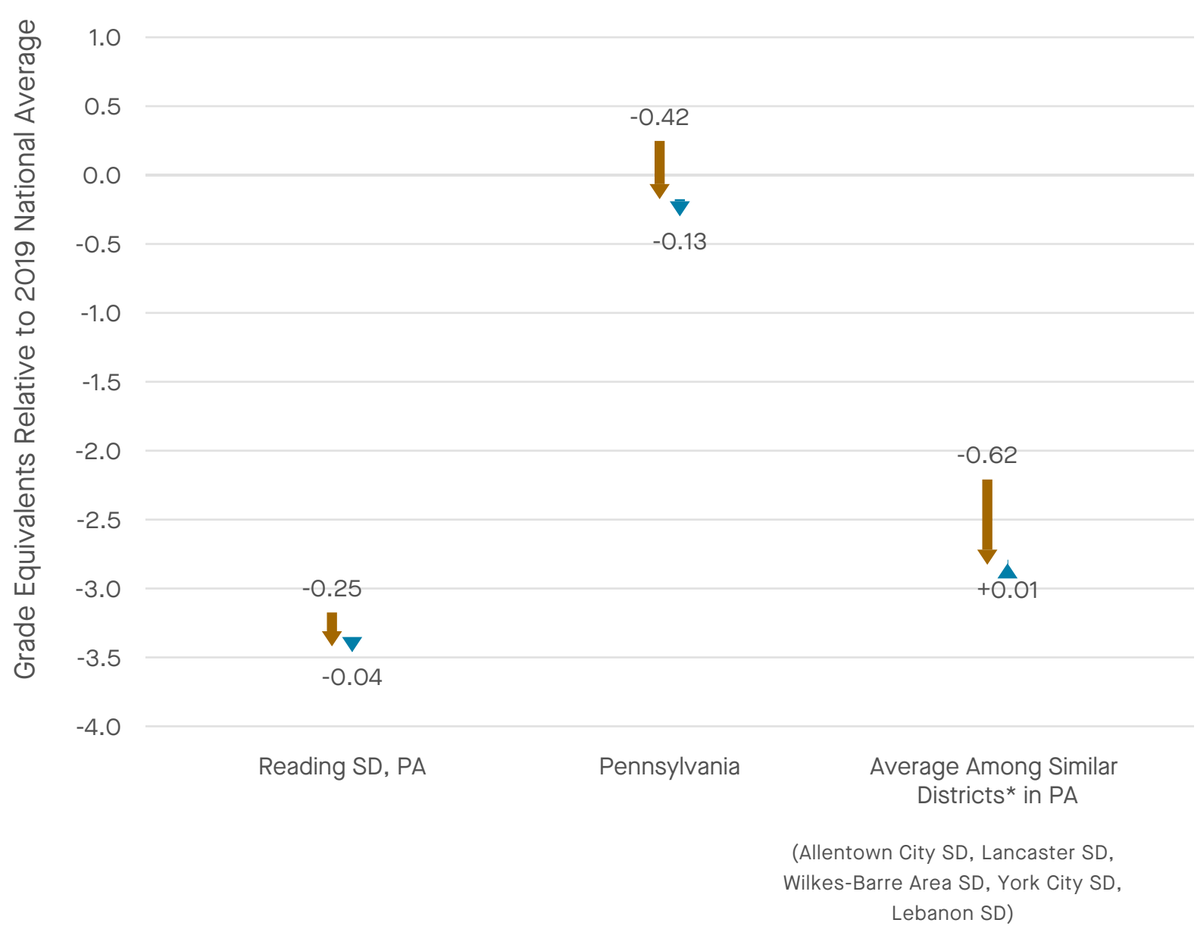

**Average Math Scores and Trends in Scores**

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 |
|---|---|---|---|---|---|---|
| **Reading SD, PA** | -3.03 | -3.35 | -3.56 | ↓ -0.32 | ↓ -0.21 | ↓ -0.53 |
| **Pennsylvania** | 0.33 | -0.39 | -0.26 | ↓ -0.72 | ↑ 0.13 | ↓ -0.60 |
| **Similar Districts* in Pennsylvania** | -2.22 | -2.95 | -2.87 | ↓ -0.73 | ↑ 0.08 | ↓ -0.65 |

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

## Reading Performance in Reading SD vs. Pennsylvania 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

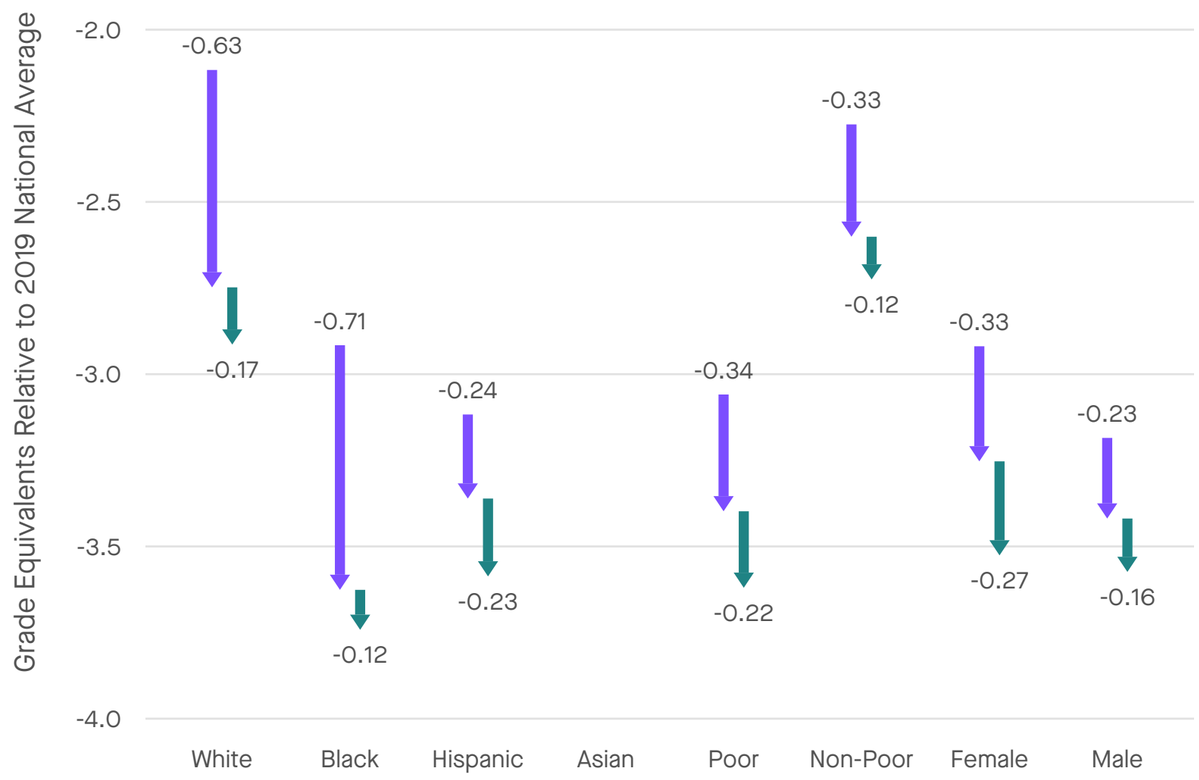
| | 2019 Average | 2022 Average | 2024 Average | 2019-22 Change | 2022-24 Change | 2019-24 Change |
|---|---|---|---|---|---|---|
| **Reading SD, PA** | -3.17 | -3.42 | -3.46 | ↓ -0.25 | ↓ -0.04 | ↓ -0.29 |
| **Pennsylvania** | 0.25 | -0.17 | -0.30 | ↓ -0.42 | ↓ -0.13 | ↓ -0.55 |
| **Similar Districts* in Pennsylvania** | -2.21 | -2.83 | -2.82 | ↓ -0.62 | ↑ 0.01 | ↓ -0.61 |

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

# Reading SD, PA



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

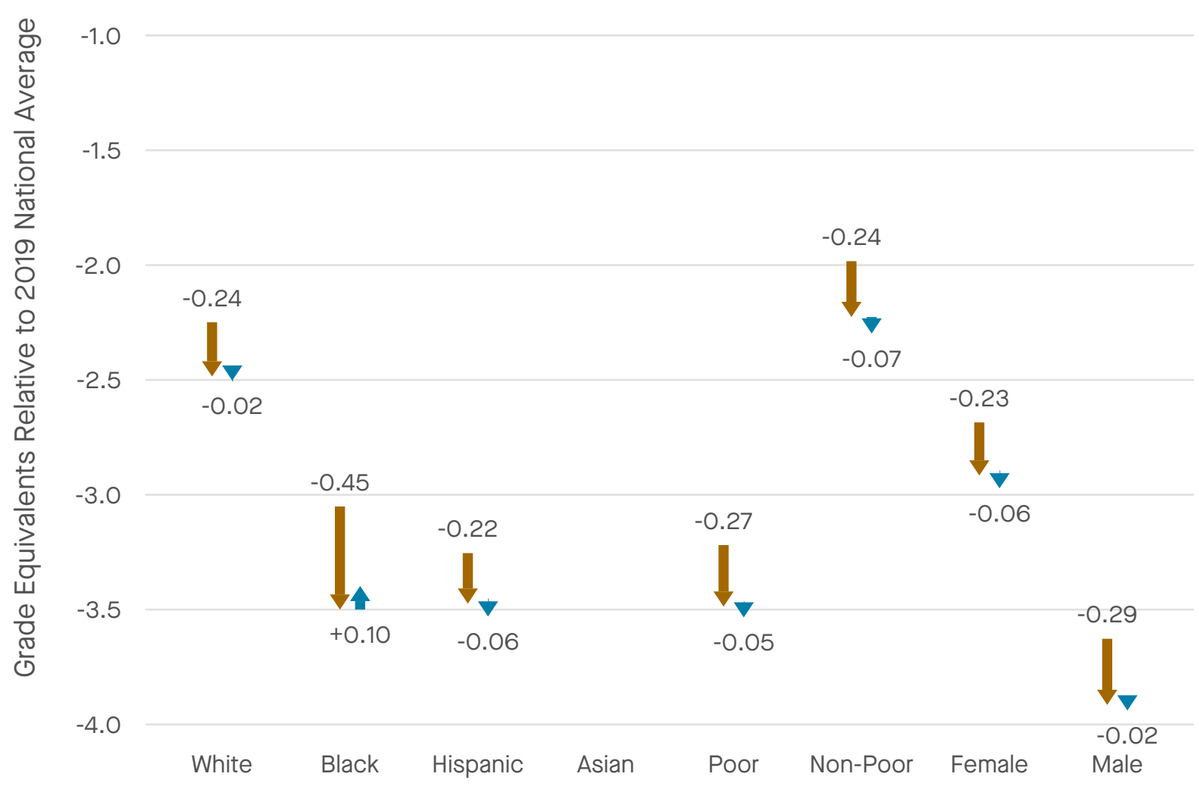



**Average Math Scores and Trends in Scores**

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** | -2.12 | -2.75 | -2.91 | -0.63 | -0.17 | -0.80 |
| **Black** | -2.92 | -3.63 | -3.74 | -0.71 | -0.12 | -0.83 |
| **Hispanic** | -3.12 | -3.36 | -3.59 | -0.24 | -0.23 | -0.47 |
| **Asian** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Poor** | -3.06 | -3.40 | -3.62 | -0.34 | -0.22 | -0.56 |
| **Non-Poor** | -2.27 | -2.60 | -2.73 | -0.33 | -0.12 | -0.45 |
| **Female** | -2.92 | -3.25 | -3.53 | -0.33 | -0.27 | -0.61 |
| **Male** | -3.19 | -3.42 | -3.57 | -0.23 | -0.16 | -0.39 |

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




**Average Reading Scores and Trends in Scores**

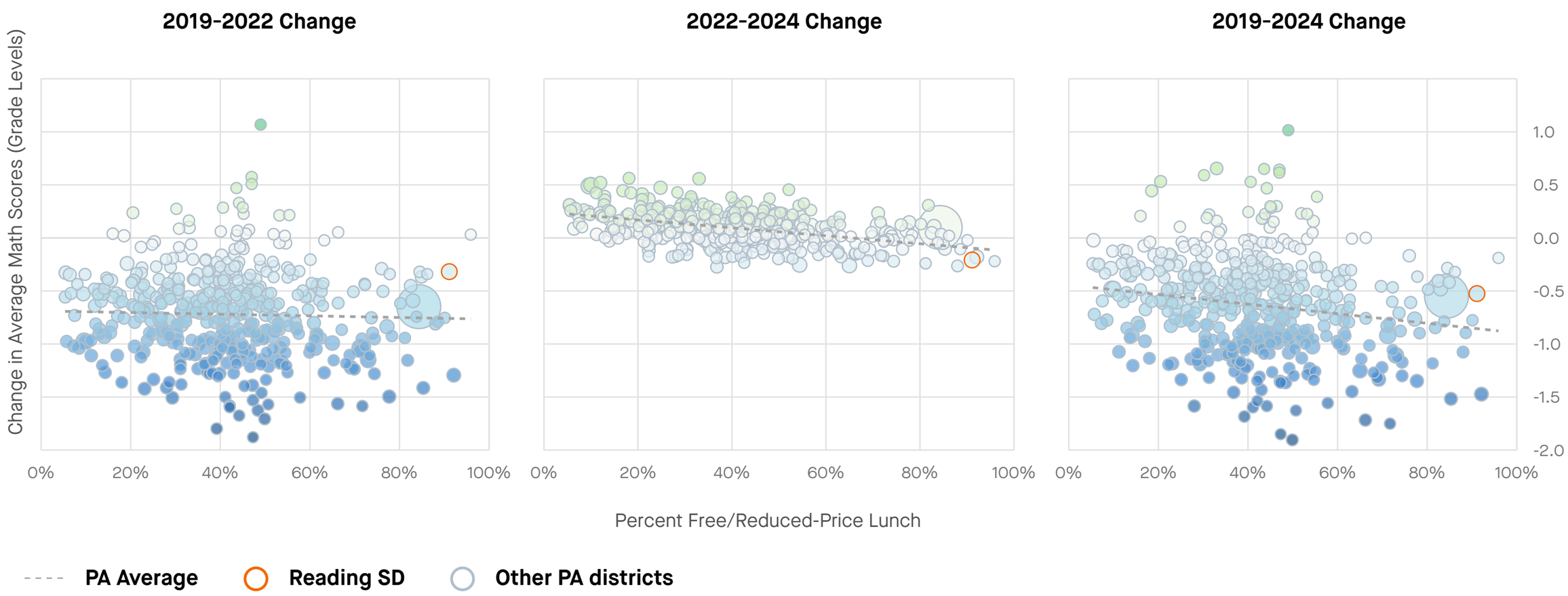
in Grade Level Equivalents Relative to the 2019 National Average

| | 2019 Average | 2022 Average | 2024 Average | 2019-22 Change | 2022-24 Change | 2019-24 Change |
|---|---|---|---|---|---|---|
| **White** | -2.25 | -2.48 | -2.50 | -0.24 | -0.02 | -0.25 |
| **Black** | -3.05 | -3.50 | -3.40 | -0.45 | 0.10 | -0.34 |
| **Hispanic** | -3.25 | -3.47 | -3.53 | -0.22 | -0.06 | -0.28 |
| **Asian** | N/A | N/A | N/A | N/A | N/A | N/A |
| **Poor** | -3.22 | -3.49 | -3.53 | -0.27 | -0.05 | -0.32 |
| **Non-Poor** | -1.98 | -2.23 | -2.30 | -0.24 | -0.07 | -0.32 |
| **Female** | -2.69 | -2.92 | -2.97 | -0.23 | -0.06 | -0.29 |
| **Male** | -3.63 | -3.92 | -3.94 | -0.29 | -0.02 | -0.31 |

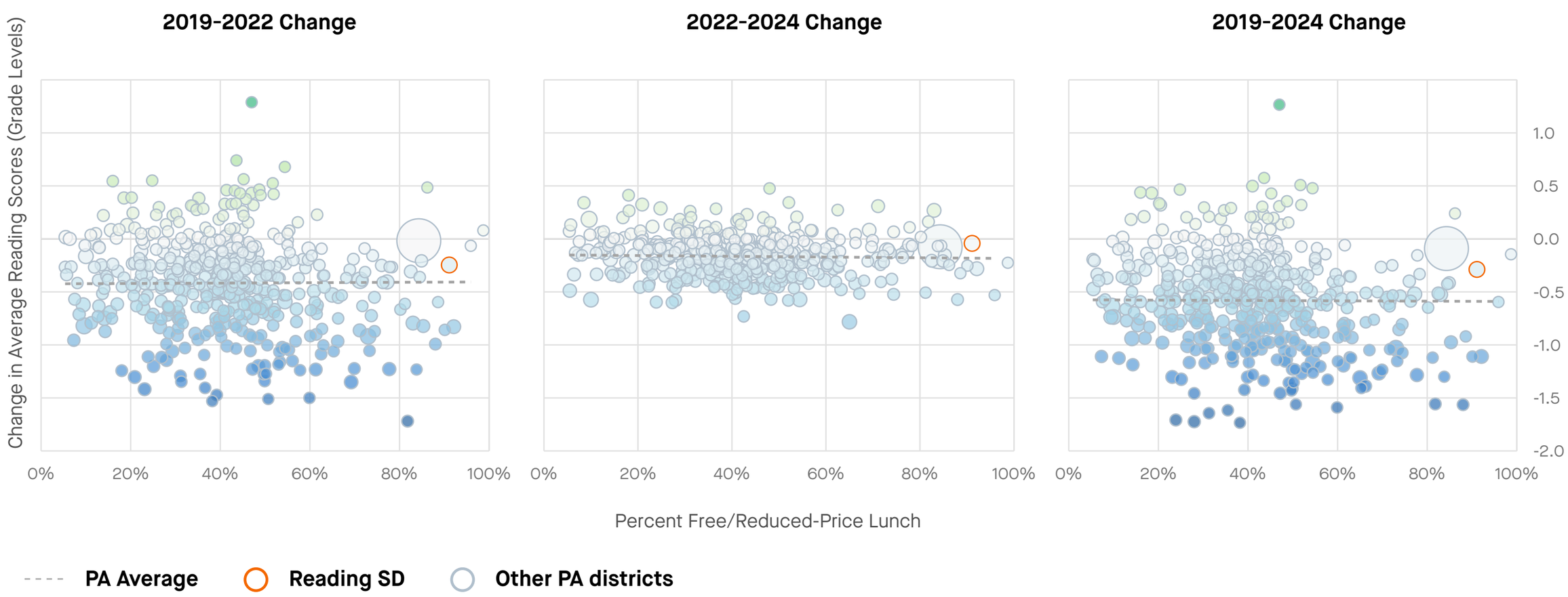
# Reading SD, PA



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



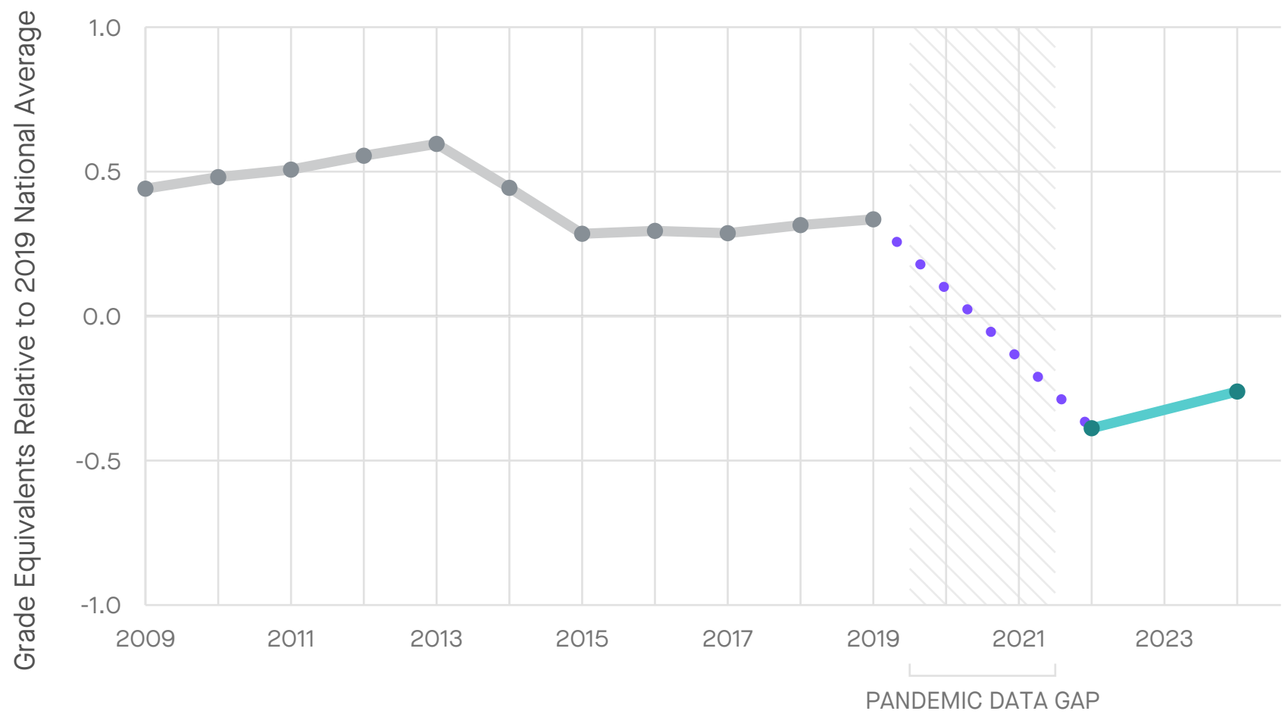

## Change in Reading Performance in Pennsylvania Districts vs. Percent Free/Reduced-Price Lunch, Grades 3-8, 2019-2024



# Pennsylvania



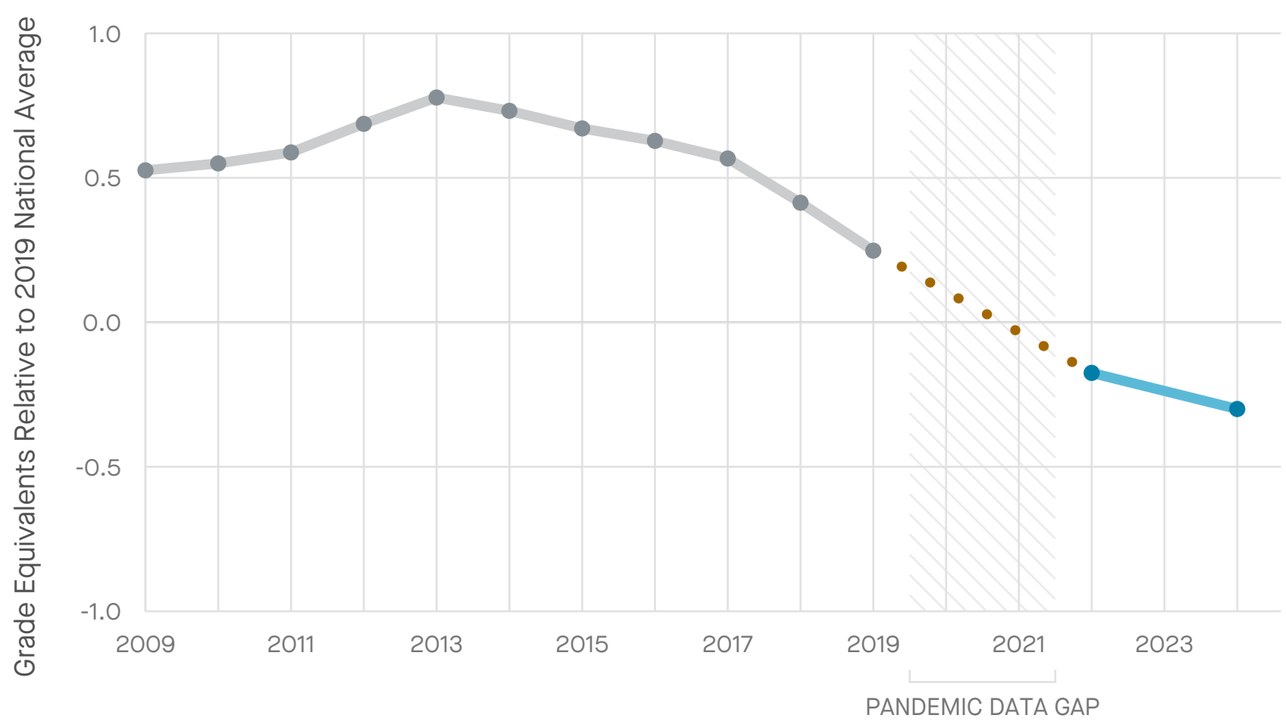
## Math Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | 0.34 |
| **2022 Average** | -0.39 |
| **2024 Average** | -0.26 |
| **2019-2022 Change** | -0.72 |
| **2022-2024 Change** | +0.13 |
| **Since 2019** | -0.60 |

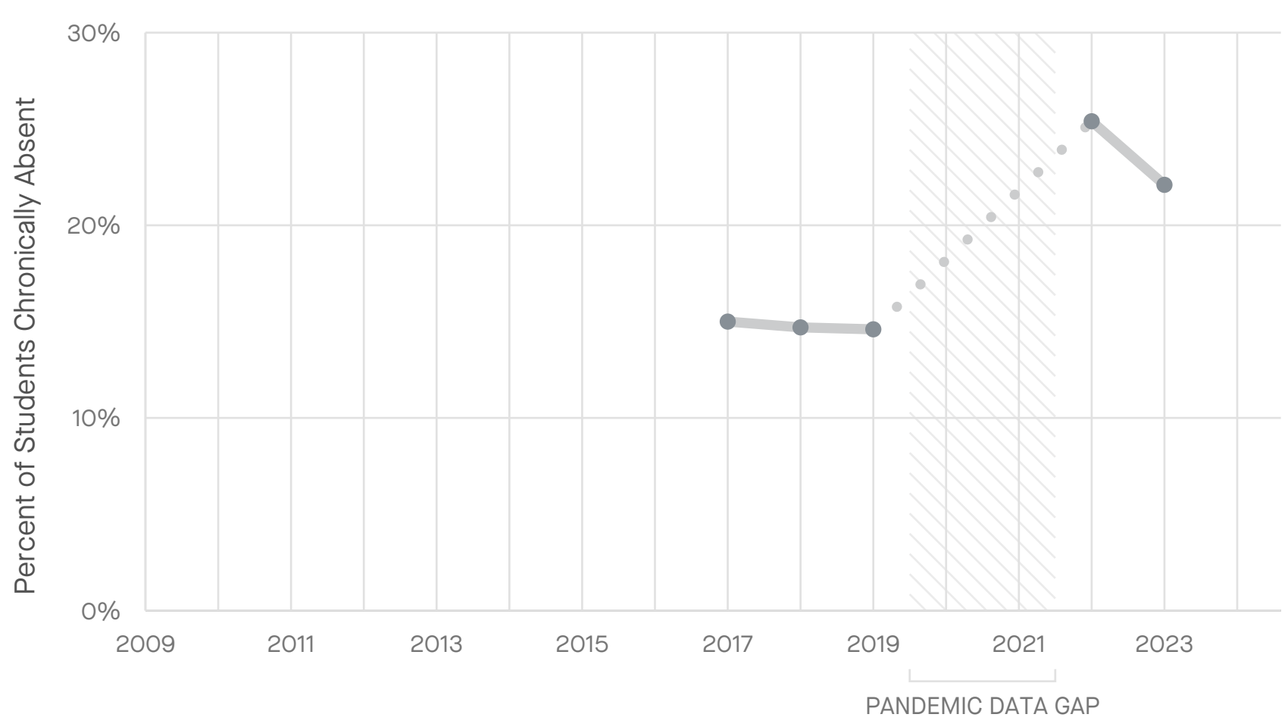
## Reading Performance, Grades 3-8, 2009-2024




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

| | |
|---|---|
| **2019 Average** | 0.25 |
| **2022 Average** | -0.17 |
| **2024 Average** | -0.30 |
| **2019-2022 Change** | -0.42 |
| **2022-2024 Change** | -0.13 |
| **Since 2019** | -0.55 |

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




**Absenteeism**

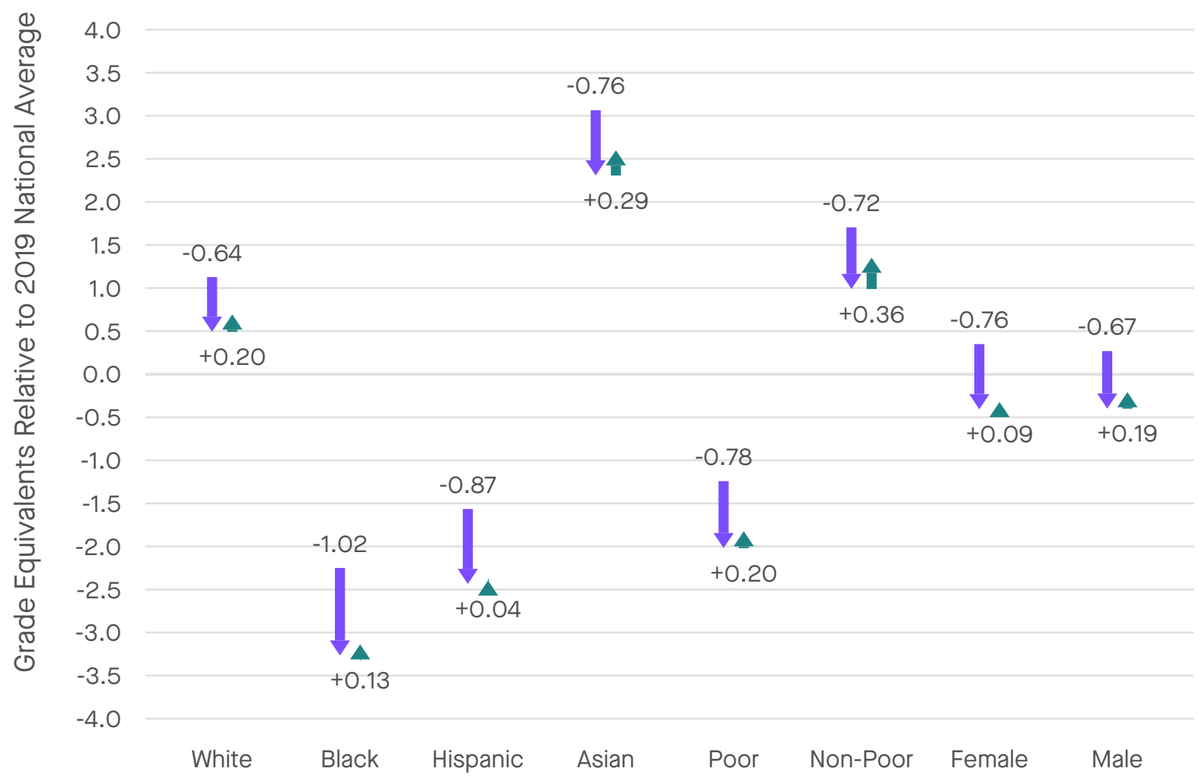
| | |
|---|---|
| **2019-2023 Change** | +0.07 |
| **Since 2009** | N/A |

Absenteeism data courtesy of Nat Malkus, American Enterprise Institute

# Pennsylvania



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

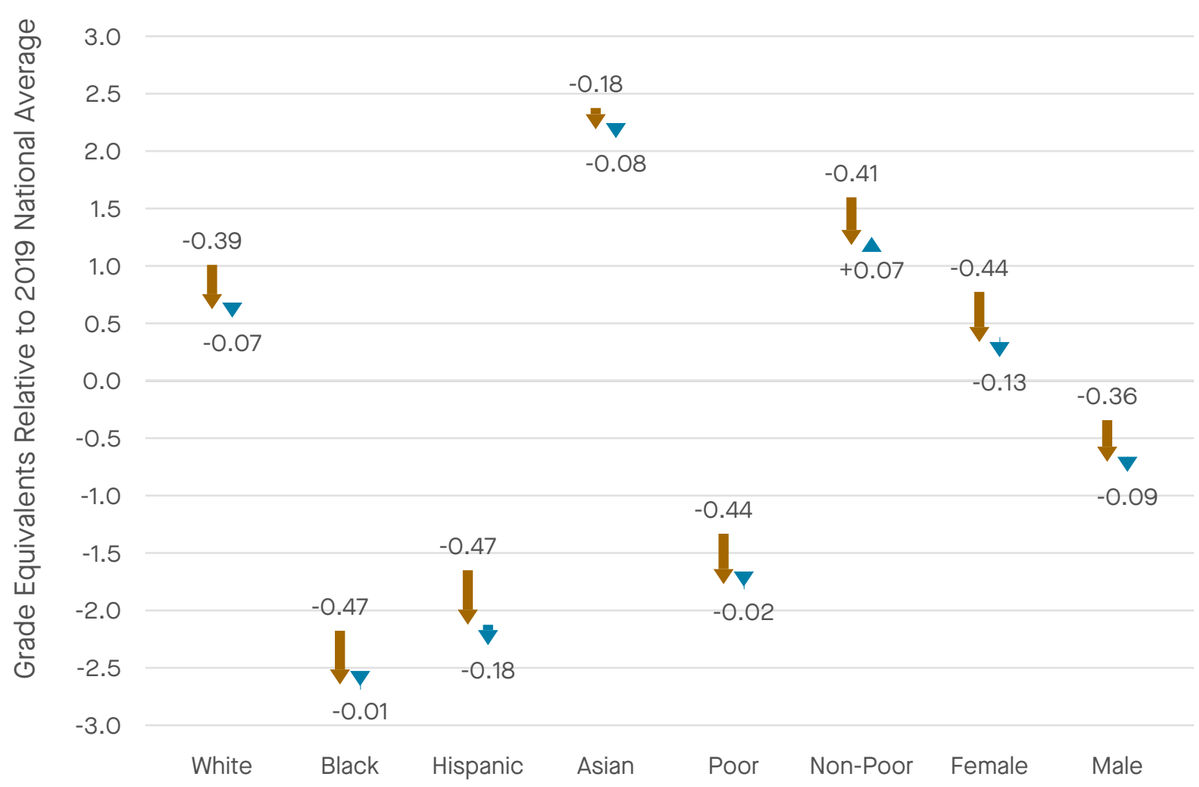



### Average Math Scores and Trends in Scores

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** | 1.13 | 0.49 | 0.69 | ↓ -0.64 | ↑ 0.20 | ↓ -0.43 |
| **Black** | -2.25 | -3.27 | -3.14 | ↓ -1.02 | ↑ 0.13 | ↓ -0.89 |
| **Hispanic** | -1.56 | -2.44 | -2.40 | ↓ -0.87 | ↑ 0.04 | ↓ -0.83 |
| **Asian** | 3.06 | 2.31 | 2.60 | ↓ -0.76 | ↑ 0.29 | ↓ -0.47 |
| **Poor** | -1.24 | -2.02 | -1.82 | ↓ -0.78 | ↑ 0.20 | ↓ -0.58 |
| **Non-Poor** | 1.71 | 0.99 | 1.35 | ↓ -0.72 | ↑ 0.36 | ↓ -0.35 |
| **Female** | 0.35 | -0.41 | -0.32 | ↓ -0.76 | ↑ 0.09 | ↓ -0.67 |
| **Male** | 0.27 | -0.40 | -0.21 | ↓ -0.67 | ↑ 0.19 | ↓ -0.48 |

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

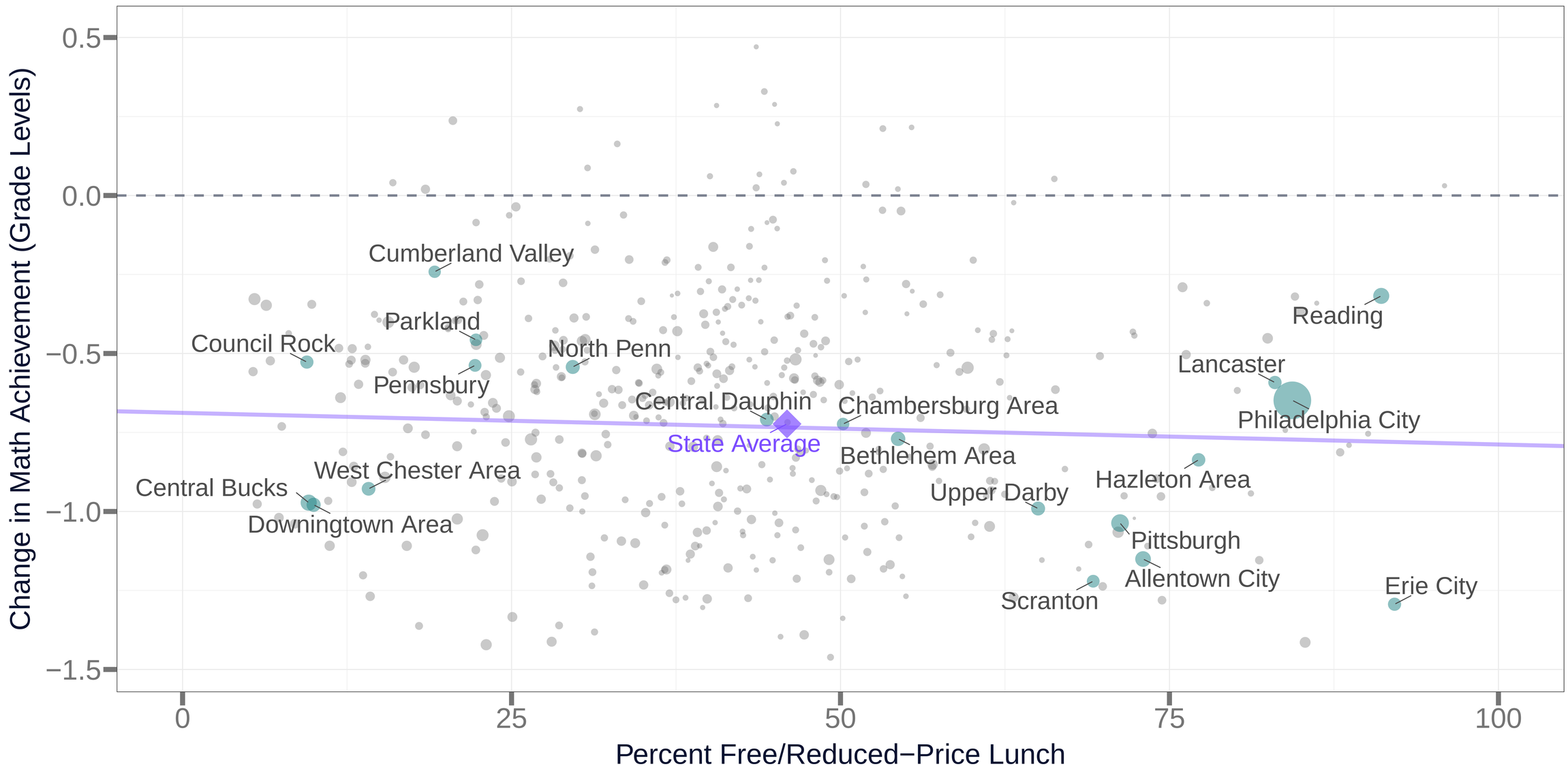



### Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

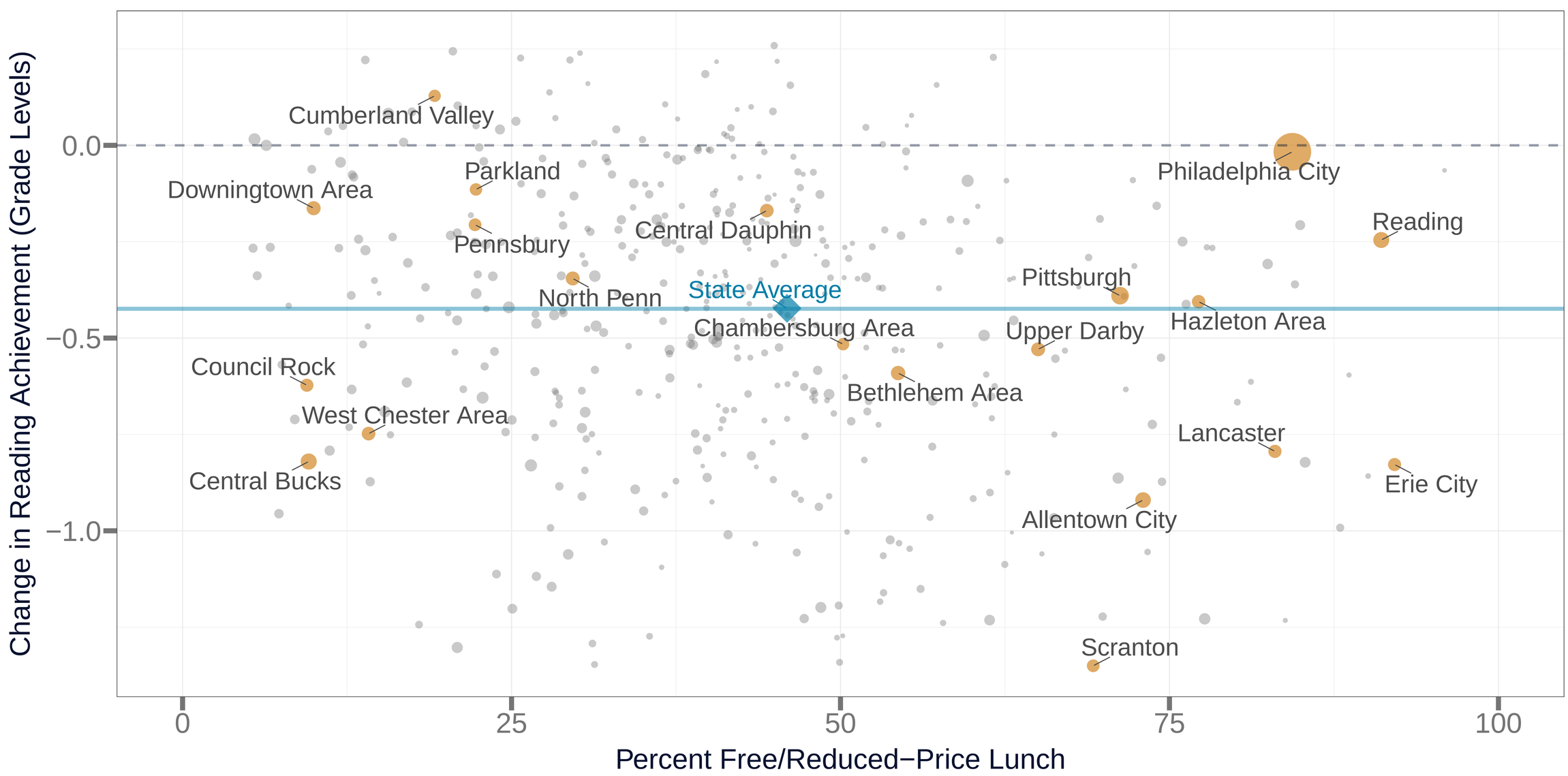
| | 2019 Average | 2022 Average | 2024 Average | 2019-22 Change | 2022-24 Change | 2019-24 Change |
|---|---|---|---|---|---|---|
| **White** | 1.01 | 0.62 | 0.55 | ↓ -0.39 | ↓ -0.07 | ↓ -0.46 |
| **Black** | -2.18 | -2.65 | -2.66 | ↓ -0.47 | ↓ -0.01 | ↓ -0.48 |
| **Hispanic** | -1.65 | -2.13 | -2.30 | ↓ -0.47 | ↓ -0.18 | ↓ -0.65 |
| **Asian** | 2.38 | 2.19 | 2.11 | ↓ -0.18 | ↓ -0.08 | ↓ -0.26 |
| **Poor** | -1.33 | -1.77 | -1.79 | ↓ -0.44 | ↓ -0.02 | ↓ -0.46 |
| **Non-Poor** | 1.60 | 1.18 | 1.25 | ↓ -0.41 | ↑ 0.07 | ↓ -0.34 |
| **Female** | 0.77 | 0.34 | 0.20 | ↓ -0.44 | ↓ -0.13 | ↓ -0.57 |
| **Male** | -0.34 | -0.71 | -0.79 | ↓ -0.36 | ↓ -0.09 | ↓ -0.45 |

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



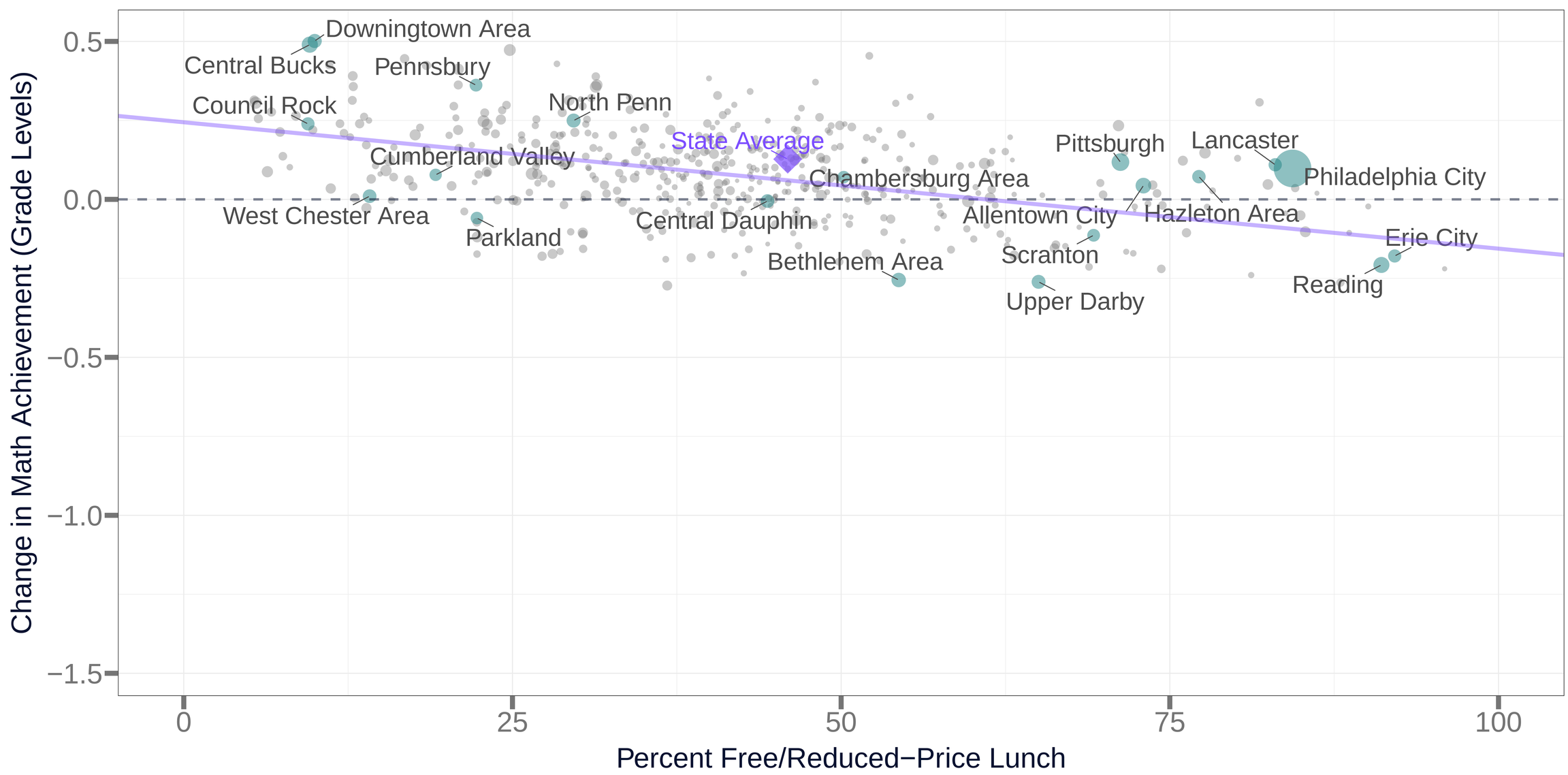

Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA. For details on the methodology see https://edopportunity.org/methods.

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

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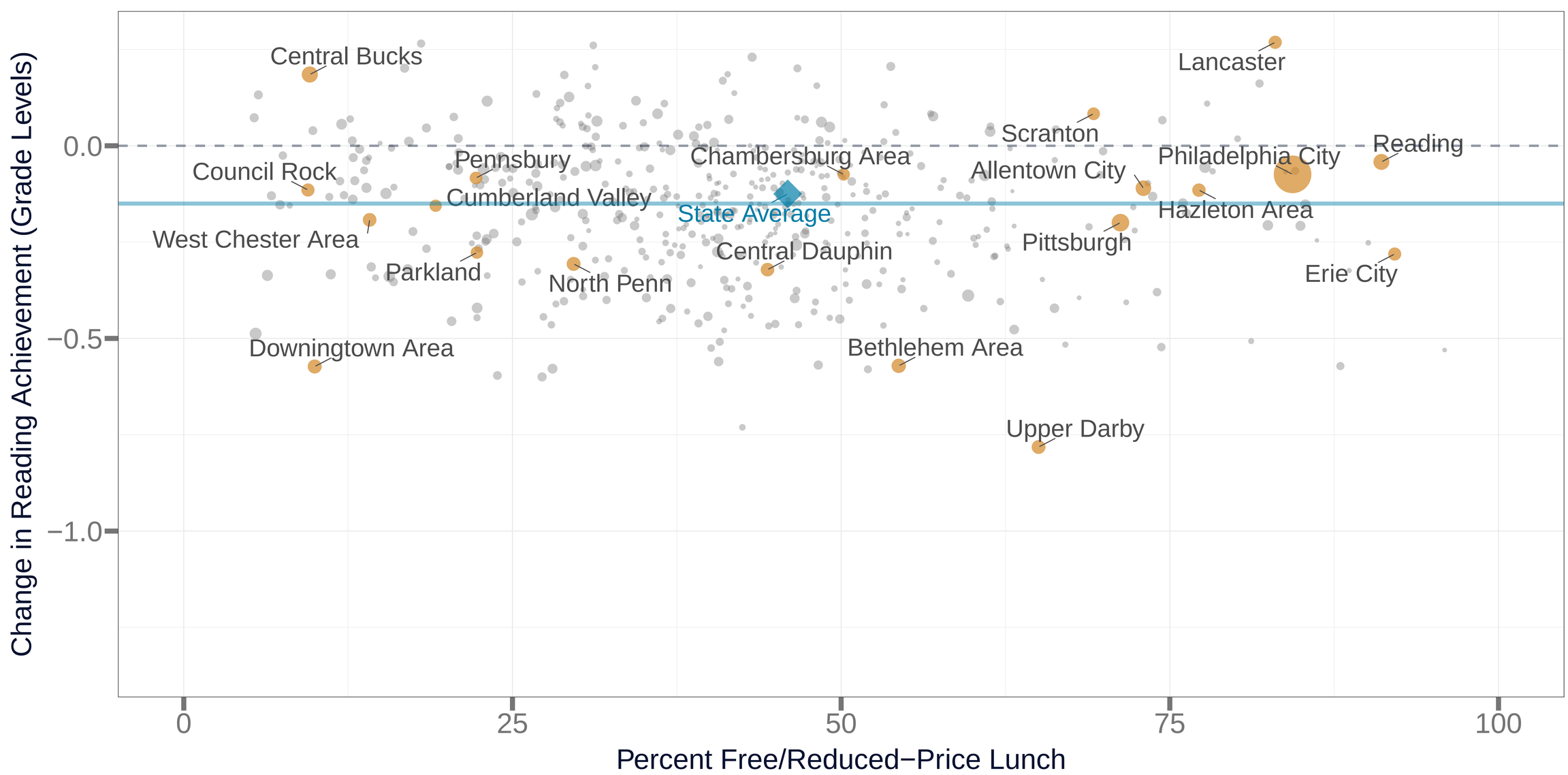
## Change in Reading Achievement 2022−2024
### by Percent FRPL in Pennsylvania Districts

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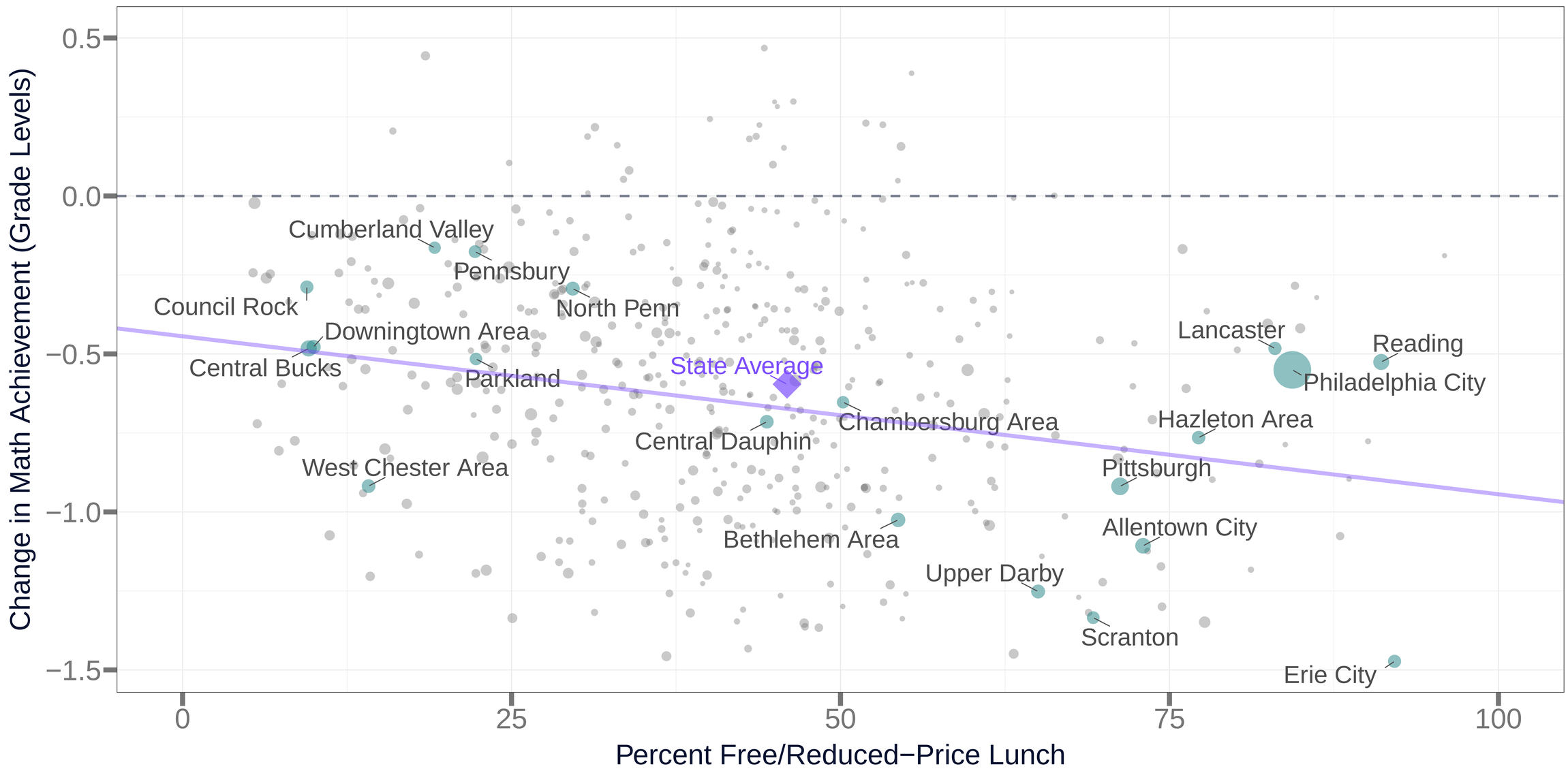
## Change in Math Achievement 2019−2024
### by Percent FRPL in Pennsylvania Districts

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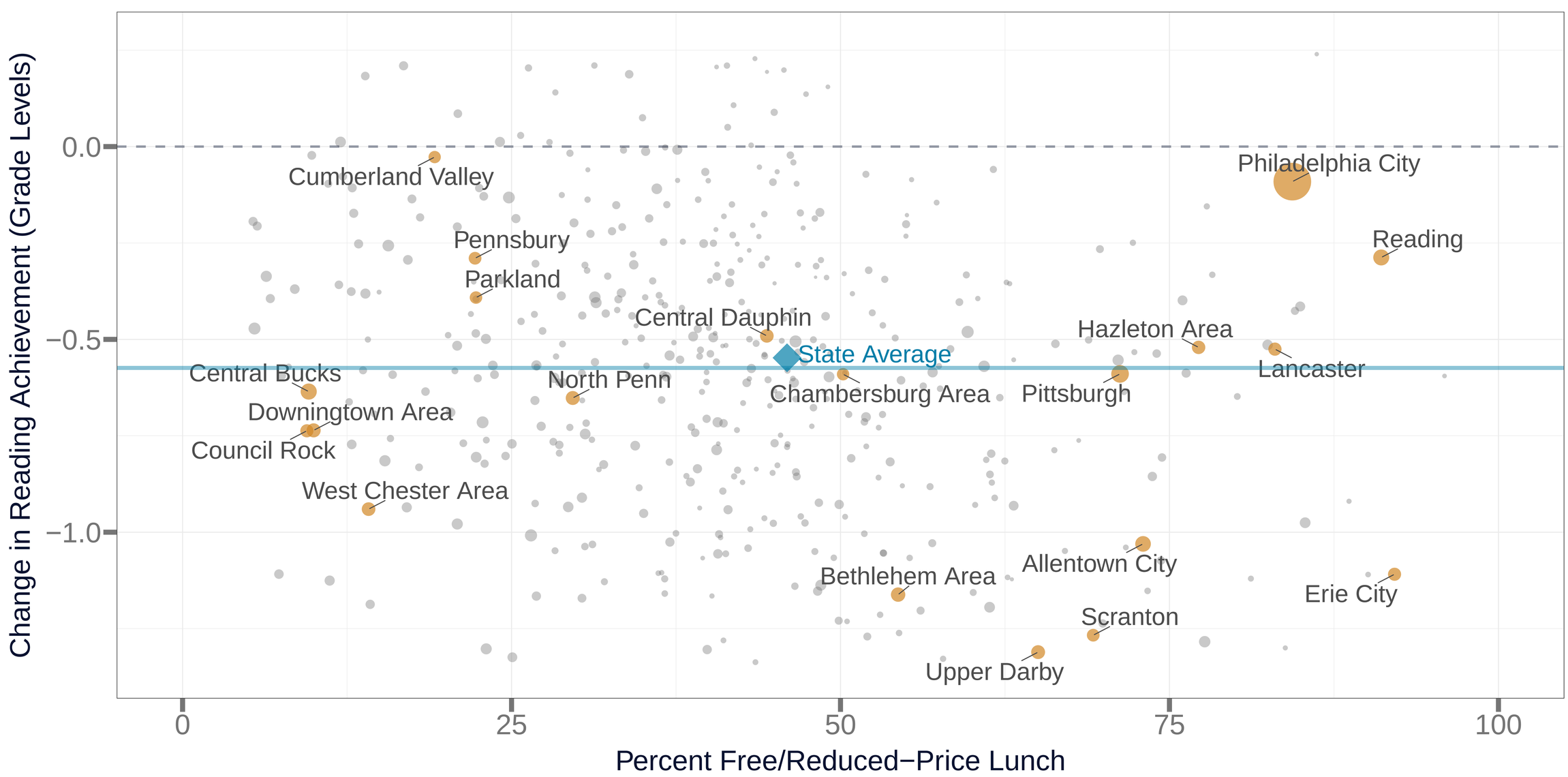
## Change in Reading Achievement 2019−2024
### by Percent FRPL in Pennsylvania Districts

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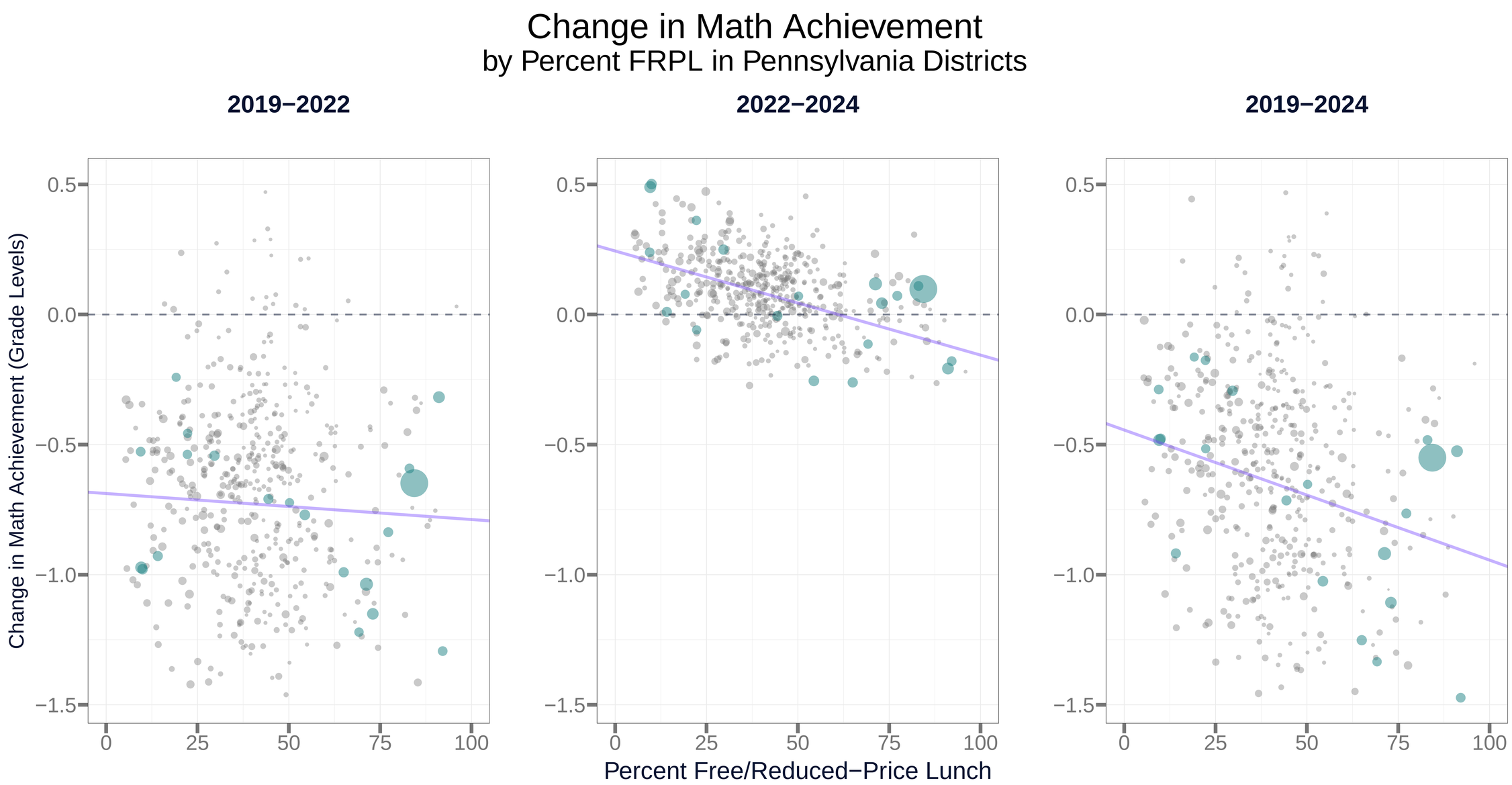


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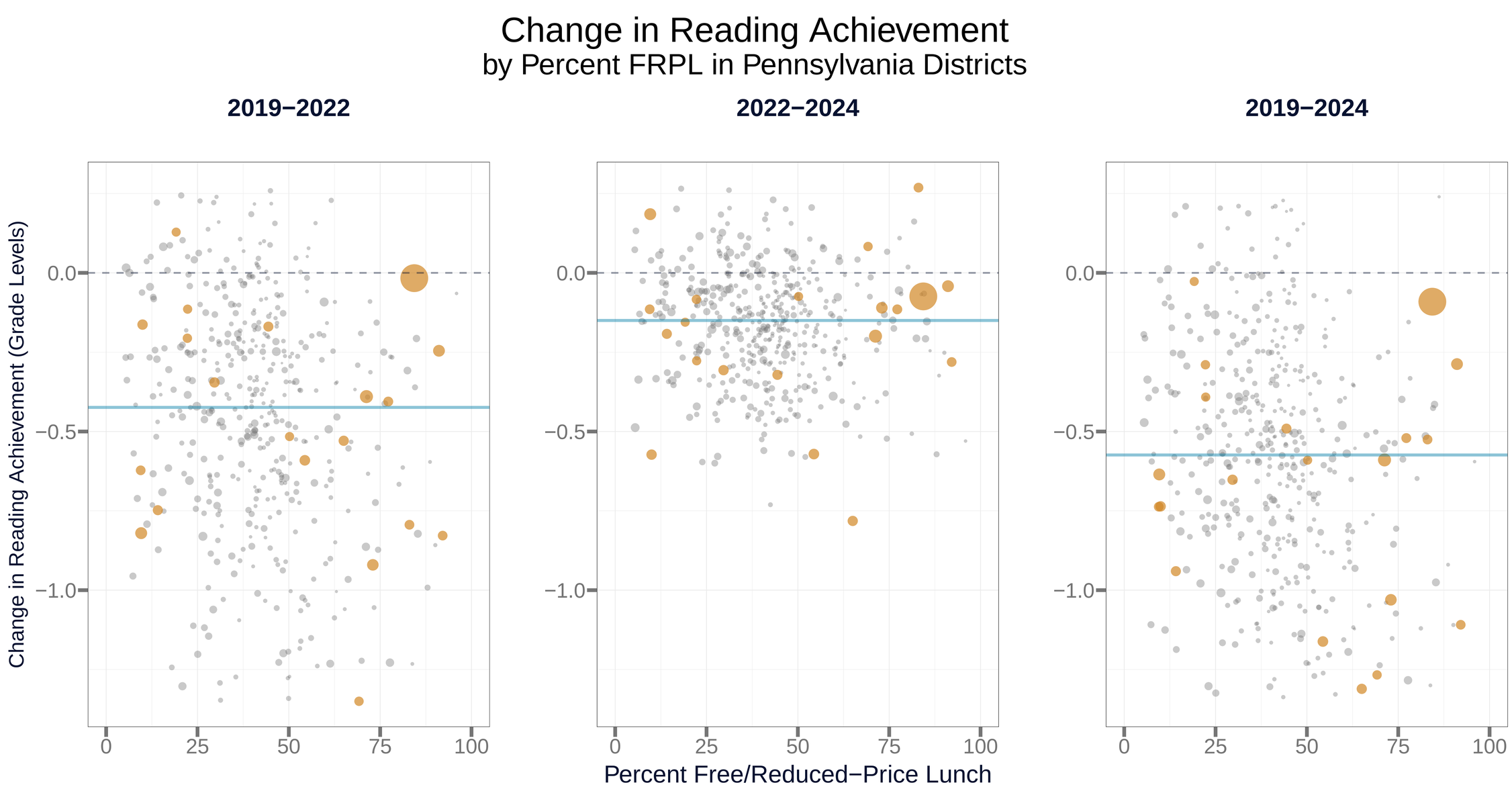


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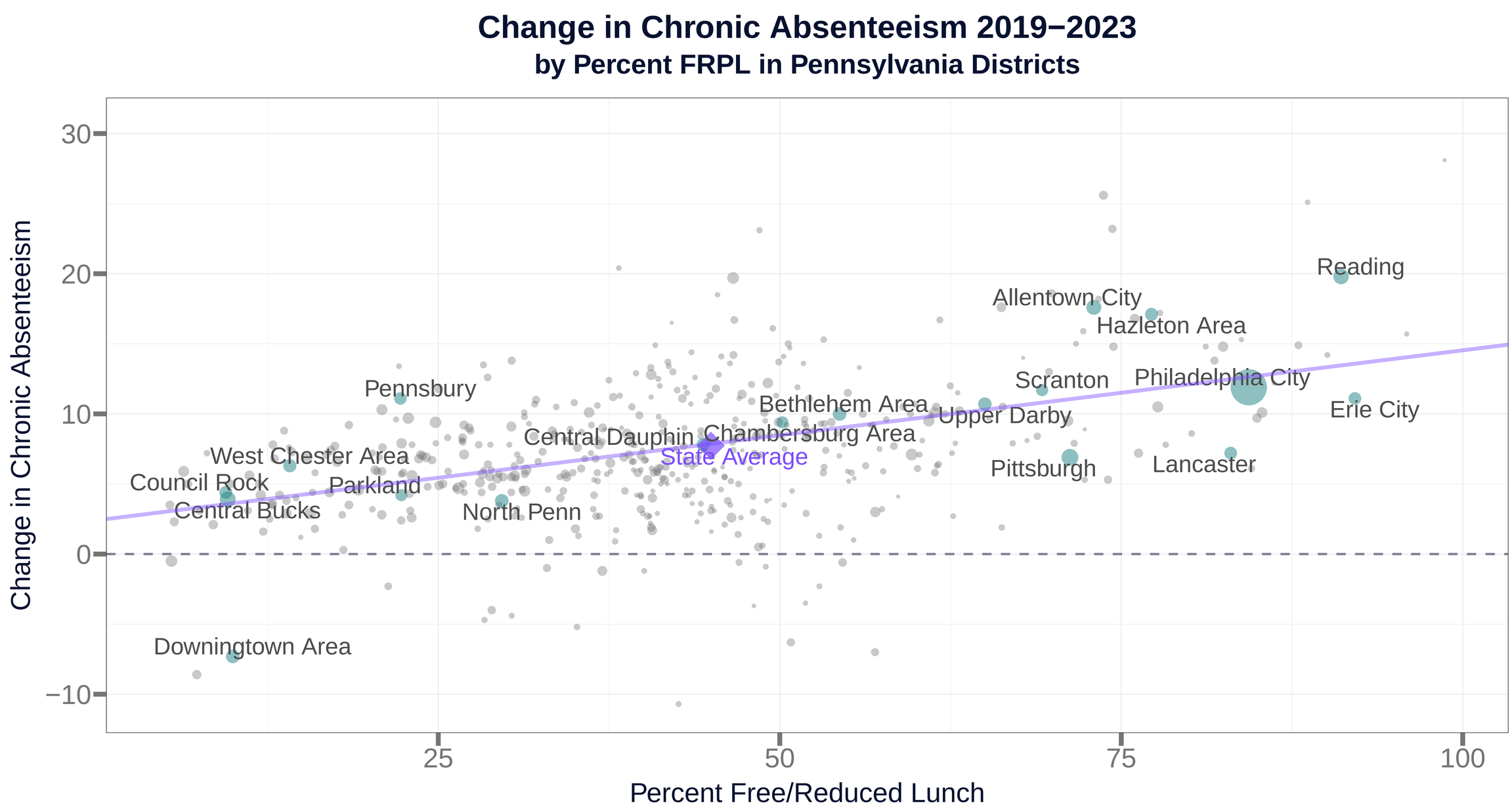


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