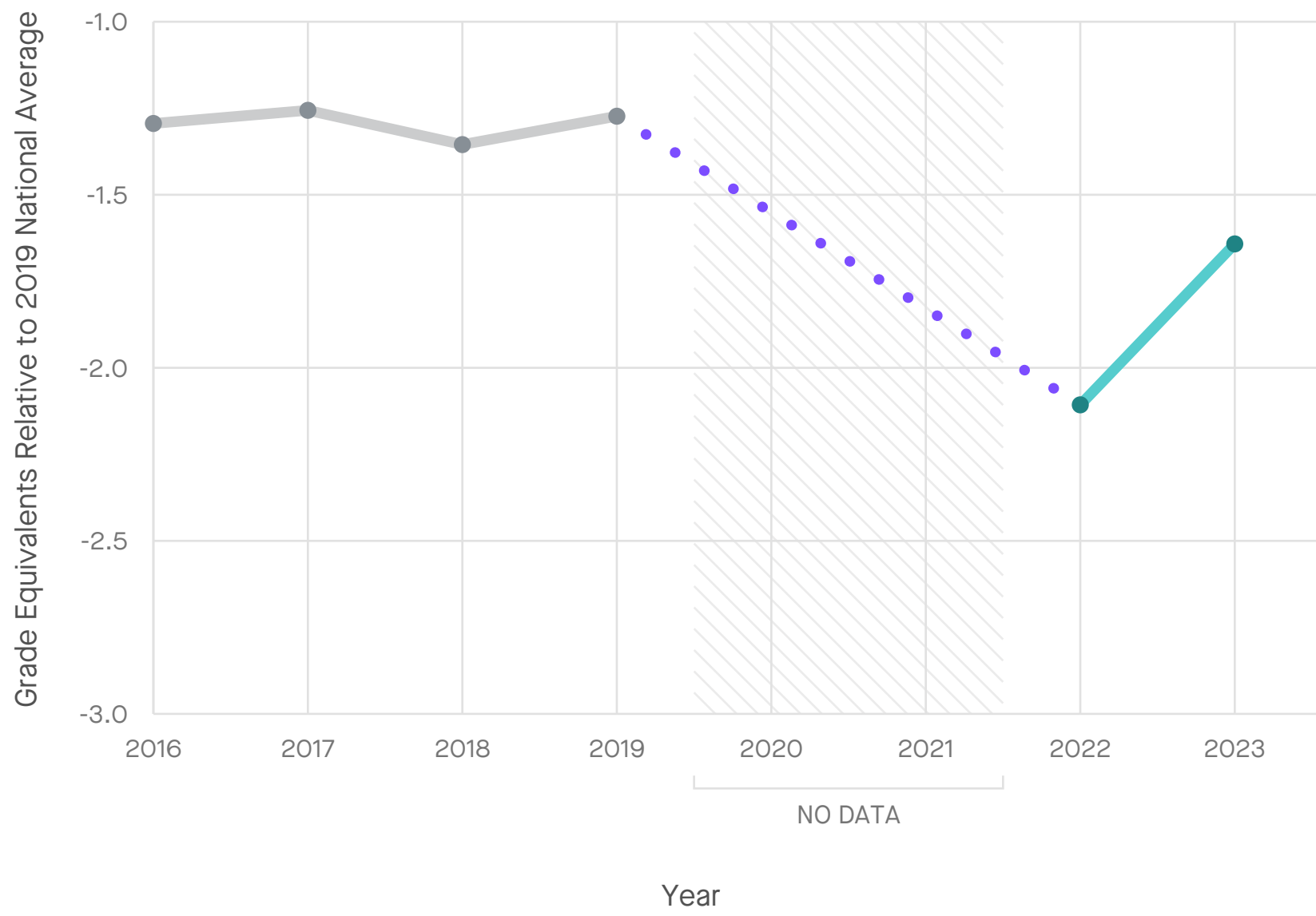


Hanover Area SD, PA



Math Performance, Grades 3-8, 2016-2023

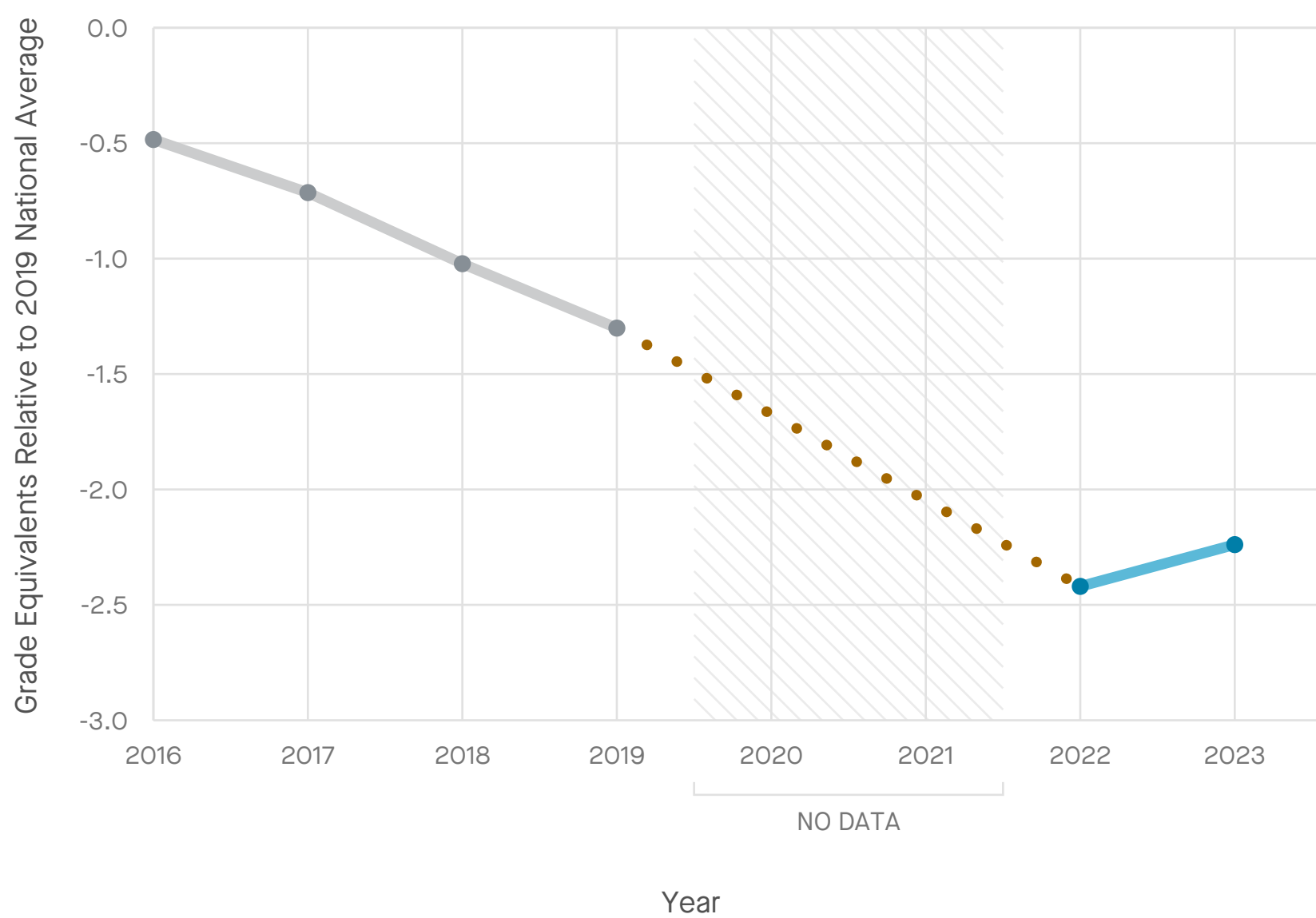


Average Math Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

| | |
|-------------------------|---------|
| 2019 Average | -1.27 |
| 2022 Average | -2.11 |
| 2023 Average | -1.64 |
| 2019-2022 Change | ↓ -0.83 |
| 2022-2023 Change | ↑ +0.47 |
| Since 2019 | ↓ -0.37 |

Reading Performance, Grades 3-8, 2016-2023



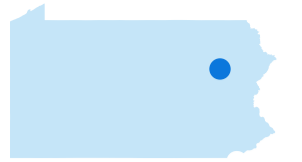
Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

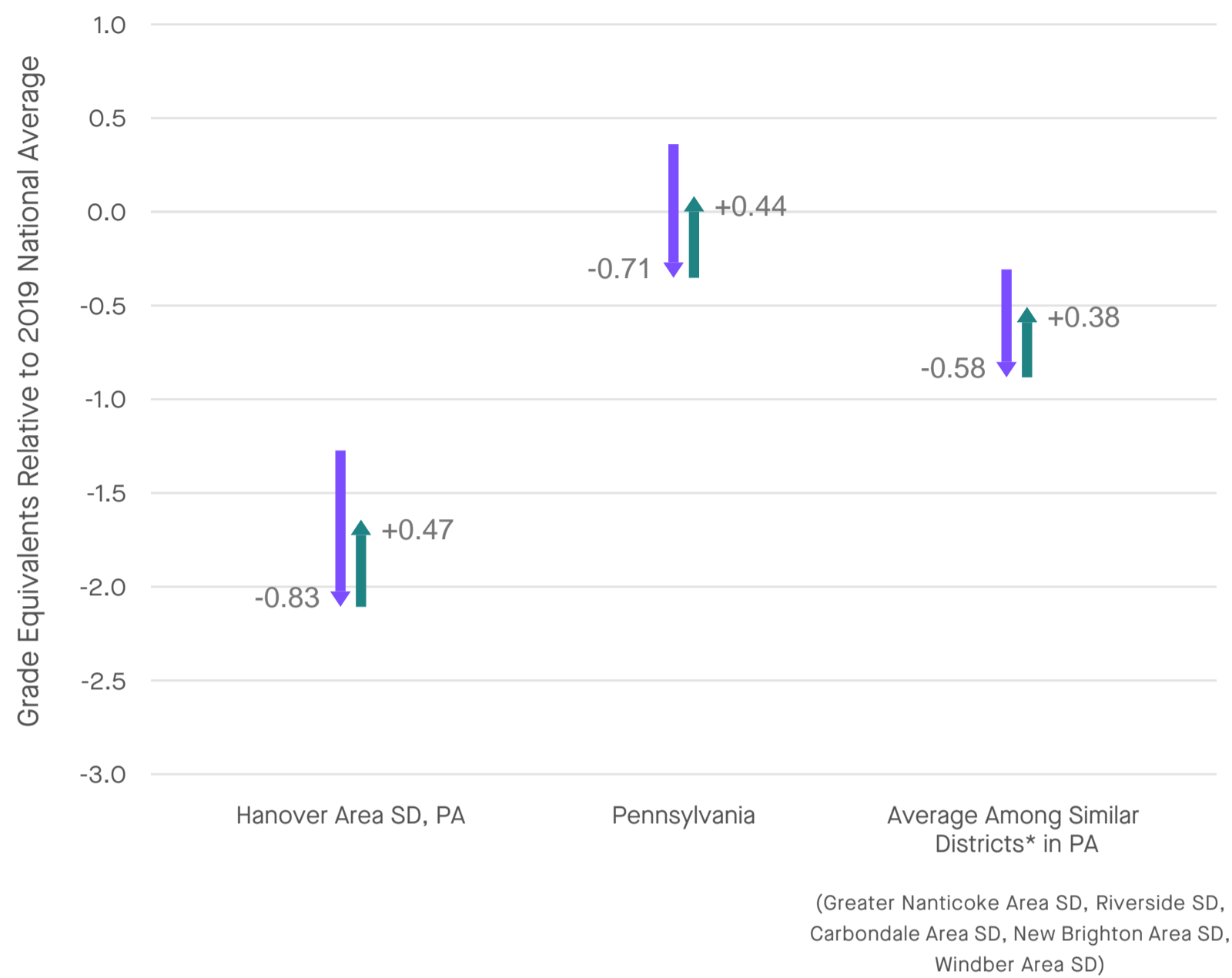
| | |
|-------------------------|---------|
| 2019 Average | -1.30 |
| 2022 Average | -2.42 |
| 2023 Average | -2.24 |
| 2019-2022 Change | ↓ -1.12 |
| 2022-2023 Change | ↑ +0.18 |
| Since 2019 | ↓ -0.94 |



Hanover Area SD, PA



Math Performance in Hanover Area SD vs. Pennsylvania and Similar Districts, Grades 3-8, 2019-2023



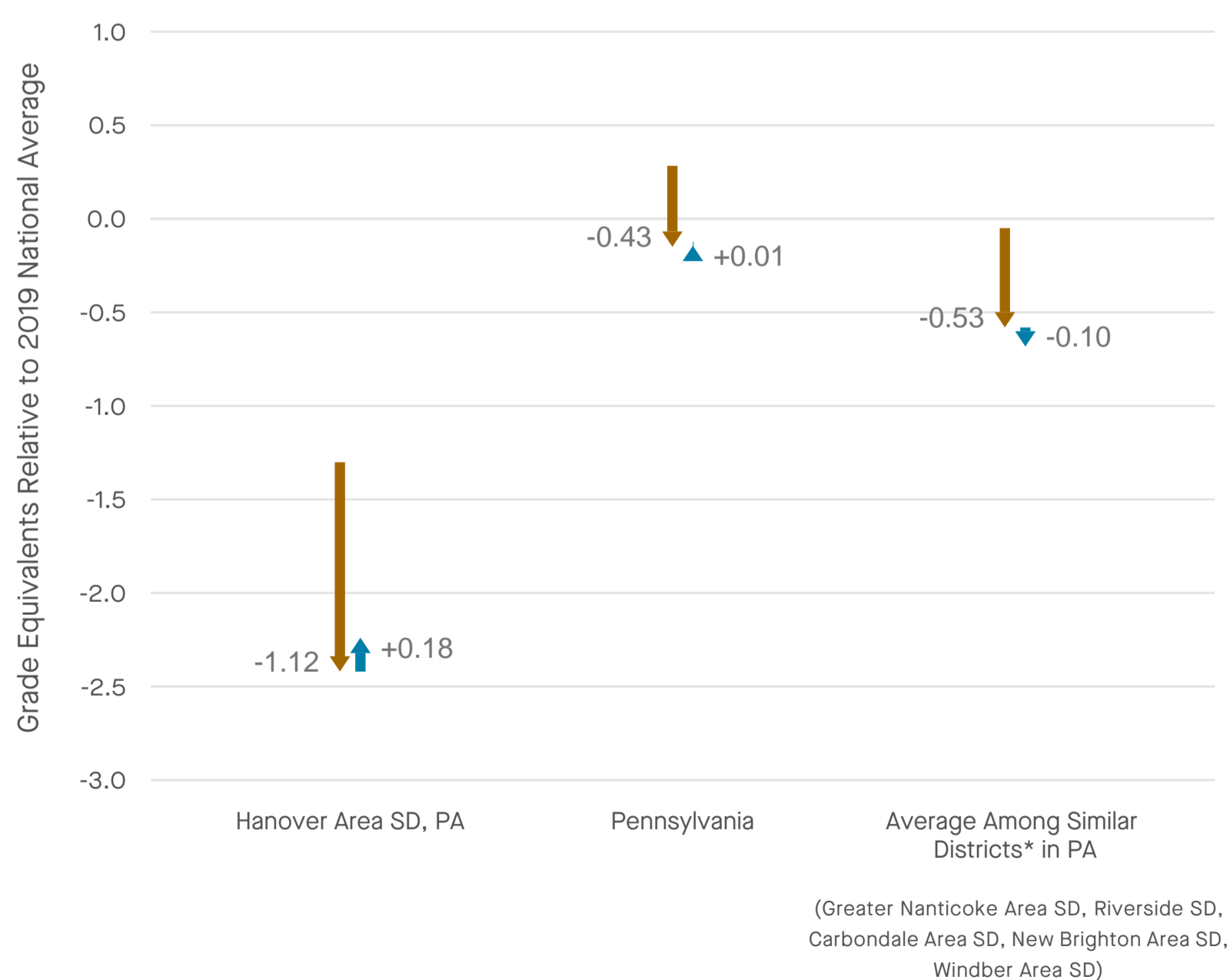
Average Math Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

| | Hanover Area SD, PA | Pennsylvania | Similar Districts* in Pennsylvania |
|-------------------------|---------------------|--------------|------------------------------------|
| 2019 Average | -1.27 | 0.36 | -0.31 |
| 2022 Average | -2.11 | -0.35 | -0.88 |
| 2023 Average | -1.64 | 0.08 | -0.51 |
| 2019-2022 Change | ↓ -0.83 | ↓ -0.71 | ↓ -0.58 |
| 2022-2023 Change | ↑ +0.47 | ↑ +0.44 | ↑ +0.38 |
| 2019-2023 Change | ↓ -0.37 | ↓ -0.28 | ↓ -0.20 |

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

Reading Performance in Hanover Area SD vs. Pennsylvania and Similar Districts, Grades 3-8, 2019-2023



Average Reading Scores and Trends in Scores

in Grade Level Equivalents Relative to the 2019 National Average

| | Hanover Area SD, PA | Pennsylvania | Similar Districts* in Pennsylvania |
|-------------------------|---------------------|--------------|------------------------------------|
| 2019 Average | -1.30 | 0.28 | -0.05 |
| 2022 Average | -2.42 | -0.15 | -0.58 |
| 2023 Average | -2.24 | -0.14 | -0.68 |
| 2019-2022 Change | ↓ -1.12 | ↓ -0.43 | ↓ -0.53 |
| 2022-2023 Change | ↑ +0.18 | ↑ +0.01 | ↓ -0.10 |
| 2019-2023 Change | ↓ -0.94 | ↓ -0.43 | ↓ -0.63 |

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



Pennsylvania Report on Covid Recovery

Change in Math Achievement 2019-2022 by proportion FRPL in Pennsylvania districts



Change in Reading Achievement 2019-2022 by proportion FRPL in Pennsylvania districts



Change in Math Achievement 2022-2023 by proportion FRPL in Pennsylvania districts



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA.
 Notes: All estimates are based on published state assessment results, which have been rescaled to grade equivalents using state scores on the National Assessment of Educational Progress. For historical comparability, the proportion of students receiving free or reduced price lunch reflects the estimated number of students in households with incomes below 185% of the federal poverty level in Census data. Some districts may have higher rates of federally subsidized lunch recipients due to the community eligibility provision. The sample of districts shown have been limited to districts with reliable estimates. Labeled points represent districts with at least 700 tested students per grade. The regression line displays the overall trend within the state. For details on the methodology see <https://edopportunity.org/methods>.

Change in Reading Achievement 2022-2023 by proportion FRPL in Pennsylvania districts



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA.
 Notes: All estimates are based on published state assessment results, which have been rescaled to grade equivalents using state scores on the National Assessment of Educational Progress. For historical comparability, the proportion of students receiving free or reduced price lunch reflects the estimated number of students in households with incomes below 185% of the federal poverty level in Census data. Some districts may have higher rates of federally subsidized lunch recipients due to the community eligibility provision. The sample of districts shown have been limited to districts with reliable estimates. Labeled points represent districts with at least 700 tested students per grade. The regression line displays the overall trend within the state. For details on the methodology see <https://edopportunity.org/methods>.

Change in Math Achievement 2019-2023 by proportion FRPL in Pennsylvania districts



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA.
 Notes: All estimates are based on published state assessment results, which have been rescaled to grade equivalents using state scores on the National Assessment of Educational Progress. For historical comparability, the proportion of students receiving free or reduced price lunch reflects the estimated number of students in households with incomes below 185% of the federal poverty level in Census data. Some districts may have higher rates of federally subsidized lunch recipients due to the community eligibility provision. The sample of districts shown have been limited to districts with reliable estimates. Labeled points represent districts with at least 700 tested students per grade. The regression line displays the overall trend within the state. For details on the methodology see <https://edopportunity.org/methods>.

Change in Reading Achievement 2019-2023 by proportion FRPL in Pennsylvania districts



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA.
 Notes: All estimates are based on published state assessment results, which have been rescaled to grade equivalents using state scores on the National Assessment of Educational Progress. For historical comparability, the proportion of students receiving free or reduced price lunch reflects the estimated number of students in households with incomes below 185% of the federal poverty level in Census data. Some districts may have higher rates of federally subsidized lunch recipients due to the community eligibility provision. The sample of districts shown have been limited to districts with reliable estimates. Labeled points represent districts with at least 700 tested students per grade. The regression line displays the overall trend within the state. For details on the methodology see <https://edopportunity.org/methods>.

Change in Math Achievement

by proportion FRPL in Pennsylvania districts



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA.
 Notes: All estimates are based on published state assessment results, which have been rescaled to grade equivalents using state scores on the National Assessment of Educational Progress. For historical comparability, the proportion of students receiving free or reduced price lunch reflects the estimated number of students in households with incomes below 185% of the federal poverty level in Census data. Some districts may have higher rates of federally subsidized lunch recipients due to the community eligibility provision. The sample of districts shown have been limited to districts with reliable estimates. Blue points represent districts with at least 700 tested students per grade. The regression line displays the overall trend within the state. For details on the methodology see <https://edopportunity.org/methods>.

Change in Reading Achievement

by proportion FRPL in Pennsylvania districts



Source: Education Recovery Scorecard, by Harvard CEPR and Stanford SEDA.
 Notes: All estimates are based on published state assessment results, which have been rescaled to grade equivalents using state scores on the National Assessment of Educational Progress. For historical comparability, the proportion of students receiving free or reduced price lunch reflects the estimated number of students in households with incomes below 185% of the federal poverty level in Census data. Some districts may have higher rates of federally subsidized lunch recipients due to the community eligibility provision. The sample of districts shown have been limited to districts with reliable estimates. Orange points represent districts with at least 700 tested students per grade. The regression line displays the overall trend within the state. For details on the methodology see <https://edopportunity.org/methods>.