## Appendix

## Methodolgy

The tables on the following pages reflect an analysis by researcher Alan Ginsburg of absenteeism data reported by students who took the National Assessment of Educational Progress (NAEP) in 2011 and 2013. Every two years, the NAEP assesses the reading and math skills of students in grades 4 and 8 across the country, using a representative sample in each state of about 2,500 students at each grade. In addition to testing, NAEP asks the sampled students about the numbers of days they were absent the prior month. Analysis shows that missing three or more days in the prior month (high-absenteeism) is associated with lower test scores for students in every state and city tested. Using information NAEP collects about students, the percentages of high-absentee students were broken out for three different school-reported student characteristics:
(1) Eligibility for the national school lunch program;
(2) Race/ethnicity used to report trends (White, Black, Hispanic, Asian and American Indian); and
(3) Disability status of student, which includes students who have 504 plans.

A gap analysis identified the states with the widest gaps between higher at-risk students (e.g., students eligible for school-lunch; Black, Hispanic and American Indian students; and students identified with disability) and less at-risk students.

To improve the accuracy of the NAEP state estimates of the percentage of students absent three or more days by the different student groups, our analyses pooled the 2011 and 2013 NAEP surveys and reported the average of the high-absenteeism percentages over the two years.

Percentage of grade 4 and 8 students with poor attendance by race/ethnicity
Exhibit 1. Percent of grade 4 students absent 3 or more days last month by race/ethnicity of
students and state, 2011-13* students and state, 2011-13*

|  | All <br> (percent) | White <br> (percent) | Black <br> (percent) | Hispanic <br> (percent) | Asian <br> (percent) | American <br> Indian <br> (percent) |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| National | 20 | 19 | 22 | 21 | 14 | 29 |


| National | 20 | 19 | 22 | 21 | 14 | 29 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Alabama | 21 | 21 | 22 | 18 | $\ddagger$ | $\ddagger$ |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 23 | 20 | 23 | 26 | 17 | 34 |


| Arkansas | 24 | 24 | 26 | 24 | 19 | $\ddagger$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| California | 19 | 19 | 22 | 20 | 12 | $\neq$ |
| Colorado | 21 | 19 | 32 | 25 | 21 | $\ddagger$ |
| Connecticut | 20 | 17 | 26 | 27 | 14 | $\neq$ |
| Delaware | 20 | 20 | 22 | 21 | 8 | $\ddagger$ |


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| Michigan | 17 |
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| Minnesota | 23 |
| Mississippi | 19 |
| Missouri | 21 |
| Min | 20 |


| Montana | 24 | 23 | $\ddagger$ | 26 | $\ddagger$ | 33 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Nebraska | 19 | 18 | 24 | 22 | 15 | $\ddagger$ |
| Nevada | 21 | 20 | 24 | 21 | 15 | $\ddagger$ |
| New Hampshire | 18 | 18 | $\ddagger$ | 27 | 12 | $\ddagger$ |
| New Jersey | 21 | 19 | 25 | 26 | 14 | $\ddagger$ |
| New Mexico | 25 | 23 | 31 | 25 | $\ddagger$ | 31 |
| New York | 21 | 18 | 27 | 28 | 13 | $\ddagger$ |
| North Carolina | 21 | 20 | 23 | 23 | 15 | 30 |
| North Dakota | 18 | 17 | 17 | 21 | $\ddagger$ | 27 |
| Ohio | 19 | 18 | 25 | 25 | $\ddagger$ | $\ddagger$ |
| Oklahoma | 23 | 22 | 24 | 22 | 15 | 26 |
| Oregon | 22 | 22 | 24 | 24 | 20 | $\ddagger$ |
| Pennsylvania | 20 | 18 | 27 | 25 | 14 | $\ddagger$ |
| Rhode Island | 22 | 19 | 23 | 29 | 17 | $\ddagger$ |
| South Carolina | 21 | 20 | 22 | 22 | $\ddagger$ | $\ddagger$ |
| South Dakota | 18 | 16 | 20 | 22 | $\ddagger$ | 27 |
| Tennessee | 21 | 21 | 22 | 23 | 8 | $\ddagger$ |
| Texas | 17 | 17 | 15 | 17 | 14 | $\ddagger$ |
| Utah | 22 | 21 | $\ddagger$ | 24 | 19 | $\ddagger$ |
| Vermont | 22 | 22 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Virginia | 19 | 18 | 22 | 21 | 12 | $\ddagger$ |
| Washington | 21 | 20 | 23 | 24 | 15 | $\ddagger$ |
| West Virginia | 23 | 24 | 22 | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Wisconsin | 19 | 18 | 28 | 22 | 16 | $\ddagger$ |
| Wyoming | 25 | 24 | $\ddagger$ | 25 | $\ddagger$ | 32 |
| DoDEA | 19 | 19 | 20 | 21 | 18 | $\ddagger$ |

*Data shown are the mean of the percent of students absent 3 or more days on the 2011 and 2013 NAEP reading assessments.
$\ddagger$ Reporting standards not met.
Source: NAEP Data Explorer (2015). Prepared by Alan Ginsburg for Attendance Works.
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Exhibit 2. Percent of grade 8 students absent 3 or more days last month by race/ethnicity of students and state, 2011-13*

| All |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| (percent) | | White |
| :---: |
| (percent) | | Black |
| :---: |
| (percent) | | Hispanic |
| :---: |
| (percent) | | Asian |
| :---: |
| (percent) | | American |
| :---: |
| Indian <br> (percent) |


| National | 20 | 19 | 23 | 22 | 11 | 30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 20 | 20 | 21 | 18 | $\ddagger$ | $\ddagger$ |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 26 | 26 | 25 | 26 | 10 | 32 |
| Arkansas | 22 | 21 | 24 | 19 | $\ddagger$ | $\ddagger$ |
| California | 19 | 21 | 22 | 19 | 9 | $\ddagger$ |
| Colorado | 25 | 23 | 28 | 30 | 12 | $\ddagger$ |
| Connecticut | 19 | 17 | 23 | 29 | 9 | $\ddagger$ |
| Delaware | 21 | 20 | 23 | 21 | 10 | $\ddagger$ |

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## Percentage of grade 4 and 8 students with poor attendance by lunch eligibility

Exhibit 3. Percent of grade 4 students absent 3 or more days last month by school lunch eligibility of students and state, 2011-13*

|  | $\begin{gathered} \text { All } \\ \text { (percent) } \end{gathered}$ | Eligible for school lunch (percent) | Not eligible for school lunch (percent) |
| :---: | :---: | :---: | :---: |
| National | 20 | 23 | 17 |
| Alabama | 21 | 24 | 17 |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 23 | 26 | 20 |
| Arkansas | 24 | 28 | 19 |
| California | 19 | 20 | 17 |
| Colorado | 21 | 25 | 18 |
| Connecticut | 20 | 27 | 16 |
| Delaware | 20 | 24 | 17 |
| District of Columbia | 28 | 30 | 20 |
| Florida | 19 | 21 | 15 |
| Georgia | 18 | 20 | 14 |
| Hawaii | 23 | 28 | 17 |
| Idaho | 20 | 22 | 17 |
| Illinois | 19 | 22 | 17 |
| Indiana | 19 | 23 | 15 |
| lowa | 19 | 24 | 15 |
| Kansas | 20 | 24 | 17 |
| Kentucky | 20 | 23 | 16 |
| Louisiana | 22 | 23 | 17 |
| Maine | 21 | 25 | 18 |
| Maryland | 20 | 24 | 16 |
| Massachusetts | 17 | 23 | 14 |
| Michigan | 23 | 29 | 18 |
| Minnesota | 19 | 23 | 16 |
| Mississippi | 21 | 23 | 17 |
| Missouri | 20 | 24 | 15 |
| Montana | 24 | 28 | 21 |
| Nebraska | 19 | 24 | 16 |
| Nevada | 21 | 22 | 18 |
| New Hampshire | 18 | 23 | 16 |
| New Jersey | 21 | 27 | 17 |
| New Mexico | 25 | 27 | 20 |
| New York | 21 | 25 | 17 |
| North Carolina | 21 | 24 | 18 |
| North Dakota | 18 | 21 | 16 |
| Ohio | 19 | 25 | 15 |
| Oklahoma | 23 | 25 | 20 |
| Oregon | 22 | 24 | 20 |
| Pennsylvania | 20 | 25 | 16 |
| Rhode Island | 22 | 28 | 16 |
| South Carolina | 21 | 24 | 16 |
| South Dakota | 18 | 23 | 14 |
| Tennessee | 21 | 25 | 16 |
| Texas | 17 | 18 | 15 |
| Utah | 22 | 25 | 19 |
| Vermont | 22 | 26 | 18 |
| Virginia | 19 | 24 | 16 |
| Washington | 21 | 24 | 17 |
| West Virginia | 23 | 26 | 19 |
| Wisconsin | 19 | 25 | 16 |
| Wyoming | 25 | 27 | 19 |
| DoDEA | 19 | $\ddagger$ | $\ddagger$ |

*Data shown are the mean of the percent of students absent 3 or more days on the 2011 and 2013 NAEP reading assessments.
$\ddagger$ Reporting standards not met.
SOURCE: NAEP Data Explorer (2015). Prepared by Alan Ginsburg for Attendance Works.

Exhibit 4. Percent of grade 8 students absent 3 or more days a last month by school lunch eligiblity of students and state, 2011-13*

|  | $\begin{gathered} \text { All } \\ \text { (percent) } \end{gathered}$ | Eligible for school lunch (percent) | Not eligible for school lunch (percent) |
| :---: | :---: | :---: | :---: |
| National | 20 | 24 | 16 |
| Alabama | 20 | 25 | 15 |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 26 | 27 | 24 |
| Arkansas | 22 | 25 | 17 |
| California | 19 | 20 | 17 |
| Colorado | 25 | 30 | 22 |
| Connecticut | 19 | 27 | 15 |
| Delaware | 21 | 26 | 17 |
| District of Columbia | 30 | 33 | 23 |
| Florida | 23 | 26 | 18 |
| Georgia | 17 | 20 | 14 |
| Hawaii | 24 | 29 | 19 |
| Idaho | 21 | 24 | 19 |
| Illinois | 17 | 20 | 15 |
| Indiana | 18 | 23 | 15 |
| lowa | 19 | 26 | 15 |
| Kansas | 21 | 26 | 17 |
| Kentucky | 20 | 24 | 15 |
| Louisiana | 23 | 26 | 18 |
| Maine | 21 | 27 | 17 |
| Maryland | 20 | 27 | 16 |
| Massachusetts | 16 | 23 | 12 |
| Michigan | 22 | 30 | 16 |
| Minnesota | 20 | 25 | 17 |
| Mississippi | 20 | 22 | 16 |
| Missouri | 19 | 25 | 15 |
| Montana | 27 | 32 | 24 |
| Nebraska | 20 | 24 | 17 |
| Nevada | 22 | 24 | 19 |
| New Hampshire | 19 | 26 | 17 |
| New Jersey | 18 | 22 | 16 |
| New Mexico | 28 | 30 | 24 |
| New York | 22 | 27 | 16 |
| North Carolina | 21 | 26 | 16 |
| North Dakota | 22 | 28 | 19 |
| Ohio | 20 | 28 | 14 |
| Oklahoma | 24 | 28 | 20 |
| Oregon | 24 | 27 | 22 |
| Pennsylvania | 21 | 27 | 17 |
| Rhode Island | 21 | 30 | 14 |
| South Carolina | 20 | 22 | 18 |
| South Dakota | 19 | 25 | 15 |
| Tennessee | 20 | 23 | 16 |
| Texas | 18 | 20 | 15 |
| Utah | 25 | 30 | 22 |
| Vermont | 17 | 21 | 15 |
| Virginia | 19 | 23 | 17 |
| Washington | 22 | 27 | 18 |
| West Virginia | 22 | 26 | 16 |
| Wisconsin | 19 | 27 | 15 |
| Wyoming | 27 | 32 | 25 |
| DoDEA | 18 | $\ddagger$ | $\ddagger$ |

*Data shown are the mean of the percent of students absent 3 or more days on the 2011 and 2013 NAEP math assessments.
$\ddagger$ Reporting standards not met.
SOURCE: NAEP Data Explorer (2015). Prepared by Alan Ginsburg for Attendance Works.

## Percentage of grade 4 and 8 students with poor attendance by disability status

Exhibit 5 . Percent of grade 4 students absent 3 or more days last month by disability status status of students and state, 2011-13*

|  | $\begin{gathered} \text { All } \\ \text { (percent) } \end{gathered}$ | Identified with disability (percent) | Not identified with disability (percent) |
| :---: | :---: | :---: | :---: |
| National | 20 | 25 | 19 |
| Alabama | 21 | 27 | 21 |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 23 | 30 | 22 |
| Arkansas | 24 | 31 | 23 |
| California | 19 | 25 | 19 |
| Colorado | 21 | 25 | 21 |
| Connecticut | 20 | 30 | 19 |
| Delaware | 20 | 27 | 19 |
| District of Columbia | 28 | 36 | 27 |
| Florida | 19 | 23 | 18 |
| Georgia | 18 | 24 | 17 |
| Hawaii | 23 | 31 | 22 |
| Idaho | 20 | 24 | 19 |
| Illinois | 19 | 23 | 19 |
| Indiana | 19 | 23 | 18 |
| lowa | 19 | 25 | 18 |
| Kansas | 20 | 25 | 20 |
| Kentucky | 20 | 25 | 19 |
| Louisiana | 22 | 27 | 20 |
| Maine | 21 | 26 | 20 |
| Maryland | 20 | 19 | 20 |
| Massachusetts | 17 | 23 | 16 |
| Michigan | 23 | 31 | 23 |
| Minnesota | 19 | 23 | 18 |
| Mississippi | 21 | 28 | 20 |
| Missouri | 20 | 25 | 19 |
| Montana | 24 | 28 | 24 |
| Nebraska | 19 | 26 | 18 |
| Nevada | 21 | 25 | 20 |
| New Hampshire | 18 | 23 | 17 |
| New Jersey | 21 | 30 | 20 |
| New Mexico | 25 | 29 | 25 |
| New York | 21 | 27 | 20 |
| North Carolina | 21 | 28 | 21 |
| North Dakota | 18 | 20 | 18 |
| Ohio | 19 | 27 | 18 |
| Oklahoma | 23 | 28 | 22 |
| Oregon | 22 | 28 | 22 |
| Pennsylvania | 20 | 25 | 19 |
| Rhode Island | 22 | 30 | 21 |
| South Carolina | 21 | 29 | 20 |
| South Dakota | 18 | 20 | 17 |
| Tennessee | 21 | 28 | 20 |
| Texas | 17 | 23 | 17 |
| Utah | 22 | 27 | 22 |
| Vermont | 22 | 25 | 21 |
| Virginia | 19 | 27 | 18 |
| Washington | 21 | 27 | 20 |
| West Virginia | 23 | 28 | 23 |
| Wisconsin | 19 | 25 | 19 |
| Wyoming | 25 | 28 | 24 |
| DoDEA | 19 | 25 | 19 |

*Data shown are the mean of the percent of students absent 3 or more days on the 2011 and 2013 NAEP reading assessments.
$\ddagger$ Reporting standards not met.
SOURCE: NAEP Data Explorer (2015). Prepared by Alan Ginsburg for Attendance Works.

Exhibit 6. Percent of grade 8 students absent 3 or more days last month by disability status of student and state, 2011-13*

|  | $\begin{gathered} \text { All } \\ \text { (percent) } \end{gathered}$ | Identified with disability (percent) | Not identified with disability (percent) |
| :---: | :---: | :---: | :---: |
| National | 20 | 28 | 19 |
| Alabama | 20 | 36 | 19 |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 26 | 34 | 25 |
| Arkansas | 22 | 30 | 20 |
| California | 19 | 24 | 18 |
| Colorado | 25 | 33 | 24 |
| Connecticut | 19 | 25 | 18 |
| Delaware | 21 | 32 | 19 |
| District of Columbia | 30 | 35 | 30 |
| Florida | 23 | 30 | 22 |
| Georgia | 17 | 23 | 17 |
| Hawaii | 24 | 37 | 23 |
| Idaho | 21 | 27 | 21 |
| Illinois | 17 | 23 | 16 |
| Indiana | 18 | 24 | 17 |
| lowa | 19 | 30 | 18 |
| Kansas | 21 | 22 | 20 |
| Kentucky | 20 | 25 | 19 |
| Louisiana | 23 | 28 | 22 |
| Maine | 21 | 28 | 20 |
| Maryland | 20 | 24 | 19 |
| Massachusetts | 16 | 22 | 15 |
| Michigan | 22 | 34 | 21 |
| Minnesota | 20 | 26 | 19 |
| Mississippi | 20 | 29 | 19 |
| Missouri | 19 | 25 | 19 |
| Montana | 27 | 34 | 26 |
| Nebraska | 20 | 26 | 19 |
| Nevada | 22 | 29 | 21 |
| New Hampshire | 19 | 23 | 18 |
| New Jersey | 18 | 27 | 16 |
| New Mexico | 28 | 36 | 27 |
| New York | 22 | 29 | 20 |
| North Carolina | 21 | 33 | 20 |
| North Dakota | 22 | 27 | 21 |
| Ohio | 20 | 28 | 19 |
| Oklahoma | 24 | 33 | 23 |
| Oregon | 24 | 29 | 24 |
| Pennsylvania | 21 | 27 | 20 |
| Rhode Island | 21 | 30 | 19 |
| South Carolina | 20 | 25 | 20 |
| South Dakota | 19 | 27 | 18 |
| Tennessee | 20 | 29 | 19 |
| Texas | 18 | 25 | 17 |
| Utah | 25 | 33 | 24 |
| Vermont | 17 | 23 | 16 |
| Virginia | 19 | 30 | 18 |
| Washington | 22 | 29 | 21 |
| West Virginia | 22 | 32 | 20 |
| Wisconsin | 19 | 27 | 18 |
| Wyoming | 27 | 34 | 27 |
| DoDEA | 18 | 24 | 18 |

*Data shown are the mean of the percent of students absent 3 or more days on the 2011 and 2013 NAEP math assessments.
$\ddagger$ Reporting standards not met.
SOURCE: NAEP Data Explorer (2015). Prepared by Alan Ginsburg for Attendance Works.

## Difference in scores based on attendance in grade 4 and 8

Exhibit 7. Difference in NAEP scores for 4th grade reading between students with no absences minus students with 3 or more days absent last month by school-lunch status of student and state, 2011-13*

|  | All | Eligible for school lunch | Not eligible for school lunch |
| :---: | :---: | :---: | :---: |
| National | 12 | 9 | 8 |
| Alabama | 12 | 10 | 8 |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 14 | 10 | 15 |
| Arkansas | 11 | 7 | 9 |
| California | 11 | 11 | 8 |
| Colorado | 10 | 6 | 6 |
| Connecticut | 15 | 11 | 8 |
| Delaware | 11 | 8 | 8 |
| District of Columbia | 18 | 14 | 11 |
| Florida | 11 | 8 | 10 |
| Georgia | 11 | 10 | 4 |
| Hawaii | 17 | 12 | 11 |
| Idaho | 11 | 10 | 8 |
| Illinois | 11 | 8 | 8 |
| Indiana | 10 | 6 | 8 |
| lowa | 14 | 10 | 9 |
| Kansas | 10 | 6 | 6 |
| Kentucky | 11 | 7 | 8 |
| Louisiana | 14 | 11 | 12 |
| Maine | 9 | 6 | 6 |
| Maryland | 10 | 8 | 6 |
| Massachusetts | 13 | 8 | 8 |
| Michigan | 13 | 9 | 6 |
| Minnesota | 12 | 11 | 7 |
| Mississippi | 10 | 7 | 8 |
| Missouri | 14 | 11 | 8 |
| Montana | 8 | 7 | 6 |
| Nebraska | 14 | 14 | 7 |
| Nevada | 10 | 8 | 7 |
| New Hampshire | 8 | 5 | 6 |
| New Jersey | 12 | 10 | 6 |
| New Mexico | 10 | 8 | 7 |
| New York | 13 | 11 | 8 |
| North Carolina | 11 | 9 | 7 |
| North Dakota | 9 | 9 | 7 |
| Ohio | 14 | 10 | 8 |
| Oklahoma | 12 | 10 | 10 |
| Oregon | 11 | 8 | 9 |
| Pennsy/vania | 15 | 13 | 8 |
| Rhode Island | 18 | 10 | 12 |
| South Carolina | 14 | 10 | 9 |
| South Dakota | 16 | 14 | 10 |
| Tennessee | 12 | 9 | 7 |
| Texas | 10 | 10 | 7 |
| Utah | 12 | 13 | 8 |
| Vermont | 9 | 8 | 4 |
| Virginia | 14 | 11 | 10 |
| Washington | 14 | 11 | 8 |
| West Virginia | 11 | 9 | 8 |
| Wisconsin | 12 | 7 | 7 |
| Wyoming | 5 | 4 | 3 |
| DoDEA | 6 | $\ddagger$ | $\ddagger$ |

*Data shown are the mean of the NAEP scores on the 2011 and 2013 NAEP assessments.
$\ddagger$ Reporting standards not met.
SOURCE: NAEP Data Explorer (2015). Prepared by Alan Ginsburg for Attendance Works.

Exhibit 8. Difference in NAEP scores for 8th grade math between students with no absences minus students with 3 or more days absent last month by school-lunch status of student and state, 2011-13*

|  | All | Eligible for school lunch | Not eligible for school lunch |
| :---: | :---: | :---: | :---: |
| National | 18 | 15 | 15 |
| Alabama | 17 | 13 | 12 |
| Alaska | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Arizona | 16 | 14 | 15 |
| Arkansas | 15 | 11 | 13 |
| California | 18 | 16 | 18 |
| Colorado | 17 | 14 | 13 |
| Connecticut | 22 | 15 | 17 |
| Delaware | 19 | 17 | 14 |
| District of Columbia | 16 | 11 | 18 |
| Florida | 15 | 13 | 13 |
| Georgia | 17 | 13 | 16 |
| Hawaii | 21 | 18 | 19 |
| Idaho | 13 | 12 | 11 |
| Illinois | 18 | 14 | 17 |
| Indiana | 20 | 14 | 18 |
| lowa | 17 | 14 | 14 |
| Kansas | 13 | 10 | 9 |
| Kentucky | 16 | 9 | 15 |
| Louisiana | 14 | 14 | 8 |
| Maine | 16 | 11 | 14 |
| Maryland | 22 | 17 | 18 |
| Massachusetts | 22 | 17 | 14 |
| Michigan | 23 | 18 | 17 |
| Minnesota | 14 | 14 | 9 |
| Mississippi | 13 | 10 | 10 |
| Missouri | 17 | 12 | 14 |
| Montana | 14 | 13 | 10 |
| Nebraska | 16 | 13 | 13 |
| Nevada | 17 | 16 | 17 |
| New Hampshire | 16 | 15 | 11 |
| New Jersey | 20 | 14 | 17 |
| New Mexico | 15 | 12 | 17 |
| New York | 23 | 21 | 18 |
| North Carolina | 17 | 14 | 13 |
| North Dakota | 13 | 13 | 10 |
| Ohio | 22 | 14 | 18 |
| Oklahoma | 17 | 16 | 13 |
| Oregon | 13 | 11 | 11 |
| Pennsylvania | 21 | 14 | 17 |
| Rhode Island | 25 | 15 | 21 |
| South Carolina | 12 | 10 | 9 |
| South Dakota | 16 | 17 | 10 |
| Tennessee | 20 | 17 | 16 |
| Texas | 19 | 17 | 16 |
| Utah | 15 | 13 | 12 |
| Vermont | 15 | 12 | 12 |
| Virginia | 22 | 12 | 23 |
| Washington | 19 | 15 | 16 |
| West Virginia | 17 | 13 | 15 |
| Wisconsin | 17 | 13 | 11 |
| Wyoming | 11 | 13 | 9 |
| DoDEA | 12 | $\ddagger$ | \# |

*Data shown are the mean of the NAEP scores on the 2011 and 2013 NAEP assessments.
$\ddagger$ Reporting standards not met.
SOURCE: NAEP Data Explorer (2015). Prepared by Alan Ginsburg for Attendance Works.

