## BRIEFING PACKET

## STATE RELEASE

## 2020-2021 Assessment Results



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## KENTUCKY DEPARTMENT OF EDUCATION

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## INTRODUCTION

Assessments were administered in Kentucky during the spring of 2021. They are one of a number of strategies to better understand how students who tested performed academically as part of Kentucky's COVID-19 academic recovery efforts. Although there were many learning disruptions, schools and districts provided a variety of learning opportunities, including in-person, remote and a hybrid option consisting of in-person and remote learning.

The COVID-19 pandemic reshaped most aspects of education in the 2020-2021 school year, including school accountability. The Kentucky Department of Education (KDE) applied for and received a waiver from accountability and certain reporting requirements by the U.S. Department of Education (USED). Due to the federal waiver from accountability, school accountability indicators and ratings (i.e., stars) are not part of the 2020-2021 reporting or public release.

Since Kentucky received a waiver from federal accountability and school identification, KDE will continue to support schools previously identified for Comprehensive Support and Improvement (CSI) and Additional Targeted Support and Improvement (ATSI) in the 2021-2022 school year. School identification will resume in the fall of 2022.

While state assessment administration was required federally, KDE accepted flexibilities offered by USED. Testing windows were expanded and the administration of assessments normally given earlier in the year was moved to the end of the school year. Additionally, the annual statewide assessment was shorter than in previous years. Shortening the assessment made administration more feasible and prioritized time for in-person learning and instruction in the classroom.

Participation data provides demographic information about who did and did not take the assessment in light of COVID-19 learning conditions and should be considered for context when reviewing the assessment data. Historically, $95 \%$ to $98 \%$ of Kentucky students participate in state testing. Due to the impact of COVID-19, participation rates were much lower across all students as a group and specific student demographic groups. It is important to note that participation rates among students taking the state assessment were so low that we caution against drawing conclusions about student performance statewide.

Direct comparisons of assessment data from previous years are not appropriate because of the learning disruptions, changes in the opportunities to learn, lower participation rates and a shortened assessment. With the exception of The ACT and Graduation Rate, trends and comparison data are not included in 2020-2021 reporting or public release.

The data provides a point-in-time "temperature check" that allows districts to better track and address student recovery. These results are being used to inform the ongoing work to support schools and improve the educational outcomes for students. The results will be combined locally with formative measures and experiences in the classroom to help educators better understand the needs of their students.

## State Testing

Kentucky administers state tests called the Kentucky Summative Assessment (KSA). Previously, these tests were called K-PREP - the Kentucky Performance Rating for Educational Progress. The tests were developed by Kentucky teachers and align with the Kentucky Academic Standards in each content area. As current standards had been measured in operational state assessments, the KSA name has been applied.

All students in grades 3 through 8 and grade 10 take reading and mathematics tests in the spring of each year. The other subjects are tested once per grade level (science in grades 4, 7 and 11 and on-demand
writing in grades 5, 8 and 11). Note that Social Studies was field tested at grades 5,8 and 11 during the 2020-2021 school year. No performance data for Social Studies are reported.

Students with disabilities who qualify take alternate assessments. English learners take ACCESS 2.0 annually, which serves as the basis for English proficiency determinations.

## STATE TESTING RESULTS

Table 1: Number of Students Tested by Grade ${ }^{1}$

| Grade | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}^{\mathbf{1}}$ | $\mathbf{2 0 2 1}^{\mathbf{2}}$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Grade 3 | 52,153 | 51,257 | 48,972 |  | 39,495 |
| Grade 4 | 52,401 | 52,214 | 51,181 |  | 42,540 |
| Grade 5 | 51,107 | 52,572 | 51,990 |  | 42,755 |
| Grade 6 | 49,910 | 50,804 | 52,157 |  | 43,327 |
| Grade 7 | 49,939 | 49,863 | 50,559 |  | 43,552 |
| Grade 8 | 49,830 | 49,819 | 49,832 |  | 43,497 |
| Grade 103 |  |  |  |  | 39,565 |
| Grade 11 | 46,701 | 46,631 | 46,238 |  | 34,397 |
|  |  |  |  |  |  |
| Total | 352,041 | 353,160 | 350,929 |  | 329,128 |

${ }^{1}$ No state required testing in 2020 due to USED testing waiver.
${ }^{2}$ State required online testing in-person only.
${ }^{3}$ Students were not assessed at grade 10 from 2017-2019.

## Participation Rate

The participation rate is the percent of all students and the student demographic groups in the school or district that participate in annual statewide assessments, with a goal of $95 \%$.

Table 2: Student Participation Rate - 2021

| Level | Reading | Mathematics | Science | Writing On-Demand |
| :--- | :---: | :---: | :---: | :---: |
| Elementary School | 88.9 | 88.9 | 88.9 | 87.8 |
| Middle School | 84.1 | 83.9 | 83.6 | 82.2 |
| High School | 76.4 | 75.9 | 73.3 | 72.4 |

Table 3: Elementary School Student Disaggregated Participation Rate - 2021

| Student Groups ${ }^{1}$ | Reading | Mathematics | Science | Writing On-Demand |
| :---: | :---: | :---: | :---: | :---: |
| All Students | 88.9 | 88.9 | 88.9 | 87.8 |
| White | 91.3 | 91.3 | 91.2 | 90.2 |
| African American | 76.1 | 76.0 | 76.1 | 75.2 |
| Hispanic | 86.4 | 86.7 | 87.2 | 85.1 |
| Asian | 85.3 | 86.0 | 85.7 | 82.5 |
| American Indian or Alaska Native | 85.5 | 85.5 | 86.7 | 87.5 |
| Native Hawaiian or Other Pacific Islander | 87.0 | 87.0 | 88.6 | 87.1 |
| Two or More Races | 86.8 | 86.8 | 86.8 | 86.0 |
| English Learners plus Monitored | 85.2 | 85.9 | 86.6 | 84.1 |
| Economically Disadvantaged | 86.7 | 86.7 | 86.6 | 85.5 |
| Disability-with IEP (Total) | 88.0 | 87.9 | 88.3 | 86.0 |

${ }^{1}$ Students can be identified for multiple student groups.

Table 4: Middle School Student Disaggregated Participation Rate - 2021

| Student Groups ${ }^{1}$ | Reading | Mathematics | Science | Writing On-Demand |
| :--- | :---: | :---: | :---: | :---: |
| All Students | 84.1 | 83.9 | 83.6 | 82.2 |
| White | 86.5 | 86.4 | 86.2 | 84.7 |
| African American | 70.9 | 70.7 | 69.2 | 69.9 |
| Hispanic | 81.3 | 81.3 | 81.1 | 78.7 |
| Asian | 80.5 | 80.8 | 81.4 | 75.4 |
| American Indian or Alaska <br> Native | 79.1 | 78.6 | 80.0 | 76.4 |
| Native Hawaiian or Other <br> Pacific Islander | 76.2 | 76.2 | 82.5 | 68.4 |
| Two or More Races | 82.2 | 82.0 | 81.9 | 80.3 |
| English Learners plus <br> Monitored | 80.6 | 80.9 | 79.6 | 77.7 |
| Economically Disadvantaged | 81.4 | 81.3 | 80.9 | 79.4 |
| Disability-with IEP (Total) | 81.9 | 81.8 | 81.3 | 80.6 |

[^0]Table 5: High School Student Disaggregated Participation Rate - 2021

| Student Groups $^{1}$ | Reading | Mathematics | Science | Writing On-Demand |
| :--- | :---: | :---: | :---: | :---: |
| All Students | 76.4 | 75.9 | 73.3 | 72.4 |
| White | 79.8 | 79.4 | 76.4 | 75.6 |
| African American | 58.7 | 57.8 | 55.2 | 53.9 |
| Hispanic | 71.3 | 70.7 | 67.9 | 66.6 |
| Asian | 72.1 | 72.3 | 70.5 | 69.9 |
| American Indian or Alaska <br> Native | 78.7 | 78.7 | 77.8 | 76.2 |
| Native Hawaiian or Other <br> Pacific Islander | 66.2 | 70.6 | 76.6 | 78.1 |
| Two or More Races | 74.3 | 73.5 | 70.5 | 69.2 |
| English Learners plus <br> Monitored | 67.3 | 67.1 | 65.4 | 63.5 |
| Economically Disadvantaged | 71.2 | 70.7 | 67.0 | 66.0 |
| Disability-with IEP (Total) | 74.0 | 73.4 | 71.5 | 70.6 |

${ }^{1}$ Students can be identified for multiple student groups.

## Elementary School Performance

Table 6: 2021 Elementary School Reading Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 34.8 | 25.8 | 26.2 | 13.3 | 39.5 |
| White | 31.1 | 25.8 | 28.2 | 14.9 | 43.1 |
| African American | 55.7 | 24.2 | 15.6 | 4.5 | 20.1 |
| Hispanic | 45.4 | 26.7 | 20.6 | 7.3 | 27.9 |
| Asian | 26.6 | 24.5 | 28.4 | 20.5 | 48.9 |
| American Indian or Alaska <br> Native | 32.7 | 24.5 | 29.9 | 12.9 | 42.9 |
| Native Hawaiian or Other <br> Pacific Islander | 44.7 | 23.9 | 23.4 | 8.0 | 31.4 |
| Two or More Races | 38.2 | 27.2 | 23.9 | 10.7 | 34.6 |
| English Learners plus <br> Monitored | 49.3 | 26.9 | 18.2 | 5.5 | 23.7 |
| Economically Disadvantaged | 43 | 26.6 | 22.1 | 8.3 | 30.4 |
| Disability-with IEP (Total) | 49.2 | 25.3 | 18.2 | 7.3 | 25.5 |

${ }^{1}$ Students can be identified for multiple student groups.

Table 7: 2021 Elementary School Mathematics Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 30.4 | 38.2 | 21.9 | 9.5 | 31.4 |
| White | 26.4 | 38.6 | 24.1 | 10.9 | 35.0 |
| African American | 54.5 | 34.2 | 9.3 | 2.0 | 11.3 |
| Hispanic | 40.7 | 39.3 | 15.7 | 4.3 | 20.0 |
| Asian | 19.4 | 30.7 | 27.8 | 22.1 | 49.9 |
| American Indian or Alaska <br> Native | 32.7 | 32.0 | 25.2 | 10.2 | 35.4 |
| Native Hawaiian or Other <br> Pacific Islander | 42.6 | 34.6 | 19.1 | 3.7 | 22.9 |
| Two or More Races | 34.4 | 39.4 | 19.6 | 6.6 | 26.2 |
| English Learners plus <br> Monitored | 44.8 | 36.1 | 14.6 | 4.5 | 19.1 |
| Economically <br> Disadvantaged | 39.0 | 39.6 | 16.5 | 4.9 | 21.4 |
| Disability-with IEP (Total) | 45.4 | 36.9 | 13.3 | 4.4 | 17.7 |

${ }^{1}$ Students can be identified for multiple student groups.

Table 8: 2021 Elementary School Science Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 17.0 | 58.0 | 21.8 | 3.3 | 25.1 |
| White | 14.5 | 57.2 | 24.4 | 3.9 | 28.3 |
| African American | 31.4 | 59.2 | 9.1 | 0.4 | 9.4 |
| Hispanic | 22.9 | 62.2 | 13.6 | 1.3 | 14.9 |
| Asian | 14.0 | 58.1 | 23.5 | 4.4 | 27.9 |
| American Indian or Alaska <br> Native | 19.2 | 51.9 | 26.9 | 1.9 | 28.8 |
| Native Hawaiian or Other <br> Pacific Islander | 24.3 | 55.7 | 17.1 | 2.9 | 20.0 |
| Two or More Races | 18.6 | 60.6 | 18.3 | 2.5 | 20.8 |
| English Learners plus <br> Monitored | 26.1 | 62.3 | 11.0 | 0.6 | 11.5 |
| Economically <br> Disadvantaged | 21.3 | 60.7 | 16.3 | 1.7 | 17.9 |
| Disability-with IEP (Total) | 24.4 | 58.2 | 15.1 | 2.4 | 17.4 |

[^1]Table 9: 2021 Elementary School Writing On-demand Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 15.6 | 44.6 | 30.9 | 8.9 | 39.8 |
| White | 13.1 | 43.5 | 33.5 | 9.9 | 43.4 |
| African American | 32.7 | 48.2 | 16.3 | 2.8 | 19.1 |
| Hispanic | 21.2 | 49.6 | 23.9 | 5.3 | 29.2 |
| Asian | 8.8 | 37.7 | 38.7 | 14.8 | 53.4 |
| American Indian or Alaska <br> Native | 20.4 | 40.8 | 28.6 | 10.2 | 38.8 |
| Native Hawaiian or Other <br> Pacific Islander | 16.4 | 47.5 | 27.9 | 8.2 | 36.1 |
| Two or More Races | 14.9 | 48.7 | 29.1 | 7.2 | 36.3 |
| English Learners plus <br> Monitored | 26.6 | 49.3 | 20.5 | 3.6 | 24.1 |
| Economically <br> Disadvantaged | 20.9 | 48.6 | 25.2 | 5.3 | 30.5 |
| Disability-with IEP (Total) | 39.3 | 44.1 | 14.0 | 2.6 | 16.6 |

${ }^{1}$ Students can be identified for multiple student groups.

## Middle School Performance

Table 10: 2021 Middle School Reading Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 31.4 | 24.6 | 27.1 | 16.9 | 44.0 |
| White | 28.0 | 24.7 | 28.7 | 18.6 | 47.3 |
| African American | 52.0 | 24.0 | 17.5 | 6.4 | 23.9 |
| Hispanic | 41.1 | 25.6 | 23.2 | 10.2 | 33.3 |
| Asian | 18.2 | 17.9 | 28.8 | 35.1 | 63.9 |
| American Indian or Alaska <br> Native | 31.6 | 28.4 | 25.2 | 14.8 | 40.0 |
| Native Hawaiian or Other <br> Pacific Islander | 45.5 | 21.0 | 25.6 | 8.0 | 33.5 |
| Two or more races | 33.9 | 25.5 | 26.5 | 14.2 | 40.7 |
| English Learner plus <br> Monitored | 61.0 | 22.6 | 13.4 | 3.0 | 16.4 |
| Economically <br> Disadvantaged | 39.5 | 26.3 | 23.7 | 10.5 | 34.2 |
| Disability-With IEP (Total) | 55.7 | 24.1 | 15.2 | 4.9 | 20.1 |

[^2]Table 11: 2021 Middle School Mathematics Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 30.7 | 41.5 | 20.5 | 7.3 | 27.8 |
| White | 27.4 | 41.8 | 22.7 | 8.1 | 30.7 |
| African American | 51.9 | 38.0 | 8.4 | 1.7 | 10.1 |
| Hispanic | 38.7 | 43.7 | 14.3 | 3.3 | 17.5 |
| Asian | 16.6 | 28.7 | 29.1 | 25.6 | 54.7 |
| American Indian or Alaska <br> Native | 35.7 | 41.6 | 14.3 | 8.4 | 22.7 |
| Native Hawaiian or Other <br> Pacific Islander | 33.0 | 48.3 | 15.9 | 2.8 | 18.8 |
| Two or More Races | 33.6 | 44.0 | 16.8 | 5.6 | 22.4 |
| English Learners plus <br> Monitored | 52.0 | 38.9 | 7.4 | 1.7 | 9.0 |
| Economically <br> Disadvantaged | 38.9 | 43.2 | 14.5 | 3.4 | 17.9 |
| Disability-with IEP (Total) | 49.9 | 38.6 | 9.4 | 2.1 | 11.5 |

[^3]Table 12: 2021 Middle School Science Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{\text {1 }}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 34.5 | 44.7 | 18.0 | 2.8 | 20.9 |
| White | 31.3 | 45.4 | 20.0 | 3.2 | 23.2 |
| African American | 53.5 | 39.7 | 6.4 | 0.4 | 6.8 |
| Hispanic | 43.6 | 44.0 | 11.4 | 1.1 | 12.4 |
| Asian | 22.6 | 37.7 | 29.7 | 9.9 | 39.6 |
| American Indian or Alaska <br> Native | 43.8 | 43.8 | 10.4 | 2.1 | 12.5 |
| Native Hawaiian or Other <br> Pacific Islander | 47.0 | 43.9 | 9.1 | 0.0 | 9.1 |
| Two or More Races | 36.5 | 45.6 | 15.8 | 2.1 | 17.9 |
| English Learners plus <br> Monitored | 60.6 | 36.1 | 2.7 | 0.5 | 3.3 |
| Economically <br> Disadvantaged | 42.4 | 44.6 | 12.0 | 1.1 | 13.1 |
| Disability-with IEP (Total) | 54.1 | 37.5 | 7.8 | 0.7 | 8.4 |

${ }^{1}$ Students can be identified for multiple student groups.

Table 13: 2021 Middle School Writing On-demand Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 16.3 | 32.8 | 36.8 | 14.1 | 50.9 |
| White | 13.6 | 31.3 | 39.2 | 15.8 | 55.1 |
| African American | 33.2 | 40.5 | 22.3 | 3.9 | 26.3 |
| Hispanic | 23.1 | 38.6 | 29.7 | 8.6 | 38.3 |
| Asian | 10.6 | 23.2 | 41.4 | 24.9 | 66.2 |
| American Indian or Alaska <br> Native | 21.8 | 29.1 | 36.4 | 12.7 | 49.1 |
| Native Hawaiian or Other <br> Pacific Islander | 18.5 | 38.9 | 29.6 | 13.0 | 42.6 |
| Two or More Races | 17.8 | 36.0 | 34.4 | 11.7 | 46.1 |
| English Learners plus <br> Monitored | 53.7 | 34.4 | 10.6 | 1.3 | 11.8 |
| Economically <br> Disadvantaged | 22.3 | 37.9 | 31.3 | 8.5 | 39.7 |
| Disability-with IEP (Total) | 52.0 | 34.4 | 11.7 | 1.8 | 13.6 |

${ }^{1}$ Students can be identified for multiple student groups.

High School Performance
Table 14: 2021 High School Reading Performance Level Percentages Disaggregated by Student Group ${ }^{1}$

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 34.8 | 27.3 | 25.4 | 12.4 | 37.9 |
| White | 31.5 | 27.8 | 27.1 | 13.7 | 40.7 |
| African American | 55.7 | 24.1 | 14.7 | 5.5 | 20.1 |
| Hispanic | 46.3 | 26.2 | 20.2 | 7.2 | 27.4 |
| Asian | 26.1 | 21.5 | 31.0 | 21.4 | 52.4 |
| American Indian or Alaska <br> Native | 20.8 | 39.6 | 29.2 | 10.4 | 39.6 |
| Native Hawaiian or Other <br> Pacific Islander | 37.8 | 28.9 | 28.9 | 4.4 | 33.3 |
| Two or More Races | 38.0 | 28.8 | 23.9 | 9.2 | 33.2 |
| English Learners plus <br> Monitored | 79.4 | 14.2 | 5.4 | 1.0 | 6.4 |
| Economically <br> Disadvantaged | 44.2 | 28.1 | 20.5 | 7.2 | 27.7 |
| Disability-with IEP (Total) | 65.2 | 22.3 | 10.1 | 2.4 | 12.6 |

${ }^{1}$ Students can be identified for multiple student groups.

Table 15: 2021 High School Mathematics Performance Level Percentages Disaggregated by Student Group ${ }^{1}$

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 35.9 | 33.8 | 24.4 | 5.8 | 30.3 |
| White | 33.5 | 33.7 | 26.6 | 6.2 | 32.8 |
| African American | 53.2 | 34.2 | 11.0 | 1.6 | 12.6 |
| Hispanic | 43.9 | 36.3 | 17.1 | 2.7 | 19.8 |
| Asian | 21.3 | 23.0 | 31.1 | 24.6 | 55.7 |
| American Indian or Alaska <br> Native | 33.3 | 29.2 | 31.3 | 6.3 | 37.5 |
| Native Hawaiian or Other <br> Pacific Islander | 37.5 | 41.7 | 18.8 | 2.1 | 20.8 |
| Two or More Races | 38.6 | 36.3 | 20.4 | 4.7 | 25.1 |
| English Learners plus <br> Monitored | 60.0 | 34.1 | 5.4 | 0.6 | 6.0 |
| Economically Disadvantaged | 44.7 | 36.1 | 17.2 | 2.1 | 19.2 |
| Disability-with IEP (Total) | 58.0 | 32.8 | 8.4 | 0.8 | 9.2 |

[^4]Table 16: 2021 High School Science Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 30.6 | 42.9 | 22.8 | 3.7 | 26.5 |
| White | 27.5 | 44.1 | 24.4 | 4.0 | 28.3 |
| African American | 54.5 | 34.9 | 10.0 | 0.7 | 10.6 |
| Hispanic | 41.7 | 41.1 | 15.4 | 1.8 | 17.2 |
| Asian | 19.6 | 33.3 | 34.2 | 12.8 | 47.1 |
| American Indian or Alaska <br> Native | 32.7 | 42.9 | 24.5 | 0.0 | 24.5 |
| Native Hawaiian or Other <br> Pacific Islander | 40.8 | 34.7 | 22.4 | 2.0 | 24.5 |
| Two or More Races | 32.6 | 41.5 | 23.0 | 2.9 | 25.9 |
| English Learners plus <br> Monitored | 71.6 | 24.6 | 3.6 | 0.2 | 3.8 |
| Economically <br> Disadvantaged | 39.2 | 43.0 | 16.1 | 1.8 | 17.9 |
| Disability-with IEP (Total) | 58.6 | 34.1 | 6.8 | 0.5 | 7.3 |

${ }^{1}$ Students can be identified for multiple student groups.

Table 17: 2021 High School Writing On-demand Performance Level Percentages Disaggregated by Student Group

| Student Groups ${ }^{1}$ | Novice | Apprentice | Proficient | Distinguished | Proficient/ <br> Distinguished |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 12.4 | 30.4 | 35.0 | 22.3 | 57.2 |
| White | 11.0 | 29.0 | 36.3 | 23.8 | 60.1 |
| African American | 24.3 | 40.6 | 25.7 | 9.4 | 35.1 |
| Hispanic | 18.3 | 35.1 | 31.9 | 14.7 | 46.6 |
| Asian | 6.0 | 23.2 | 32.9 | 37.9 | 70.8 |
| American Indian or Alaska <br> Native | 12.5 | 27.1 | 39.6 | 20.8 | 60.4 |
| Native Hawaiian or Other <br> Pacific Islander | 10.0 | 34.0 | 36.0 | 20.0 | 56.0 |
| Two or More Races | 13.2 | 35.4 | 31.4 | 20.0 | 51.4 |
| English Learners plus <br> Monitored | 42.2 | 42.6 | 13.1 | 2.1 | 15.2 |
| Economically <br> Disadvantaged | 17.0 | 36.2 | 32.6 | 14.3 | 46.9 |
| Disability-with IEP (Total) | 42.6 | 40.9 | 13.7 | 2.7 | 16.5 |

${ }^{1}$ Students can be identified for multiple student groups.

## THE ACT

Since 2008, all Kentucky's public school juniors participate in the ACT, which assesses English, mathematics, reading and science and is scored on a scale of 1 to 36 . The cost of the exam is paid for by state funds.

NOTE: Please use caution interpreting trends and the impact on instruction in 2019-20 and 2020-21 due to COVID-19.

Table 18: ACT Subject Area Scores Kentucky Public School Juniors

| Year | English | Mathematics | Reading | Science | Composite | Total Tested |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2016-17 | 19.2 | 19.4 | 20.3 | 19.9 | 19.8 | 45,808 |
| $2017-18$ | 18.8 | 18.8 | 19.8 | 19.2 | 19.3 | 45,672 |
| $2018-19$ | 18.2 | 18.5 | 19.5 | 19.1 | 19.0 | 45,217 |
| $2019-20$ | 18.5 | 18.7 | 19.4 | 19.1 | 19.0 | 43,687 |
| $2020-21$ | 17.1 | 17.7 | 18.5 | 18.3 | 18.0 | 42,078 |

Table 19: ACT Subject Area Scores Kentucky Public School Juniors Disaggregated

| Student Groups ${ }^{1}$ | English | Mathematics | Reading | Science | Composite | Total <br> Tested |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| All Students | 17.1 | 17.7 | 18.5 | 18.3 | 18.0 | 42,078 |
| White | 17.6 | 18.0 | 19.0 | 18.7 | 18.4 | 33,320 |
| African American | 14.0 | 15.4 | 15.5 | 15.8 | 15.3 | 3,739 |
| Hispanic | 14.9 | 16.3 | 16.6 | 16.7 | 16.2 | 2,693 |
| Asian | 20.4 | 21.3 | 21.1 | 21.4 | 21.2 | 864 |
| American Indian or Alaska <br> Native | 16.4 | 16.4 | 17.2 | 18.1 | 17.1 | 57 |
| Native Hawaiian or Other <br> Pacific Islander | 16.1 | 16.9 | 16.6 | 17.1 | 16.8 | 54 |
| Two or More Races | 16.6 | 17.2 | 18.2 | 17.9 | 17.6 | 1,335 |
| Economically Disadvantaged | 15.2 | 16.2 | 16.8 | 16.8 | 16.4 | 21,335 |
| Disability-with IEP (Total) | 12.0 | 14.4 | 14.1 | 14.4 | 13.9 | 3,741 |

${ }^{1}$ Students can be identified for multiple student groups.

Table 20: Percentages of Kentucky Public School Juniors Who Meet CPE Benchmarks for College-Level Readiness

| Year | English | Mathematics | Reading |
| :---: | :---: | :---: | :---: |
| $2016-17$ | 56.2 | 43.9 | 53.6 |
| $2017-18$ | 51.2 | 38.9 | 47.1 |
| $2018-19$ | 49.1 | 36.4 | 40.6 |
| $2019-20$ | 50.0 | 38.2 | 45.6 |
| $2020-21$ | 42.3 | 29.9 | 39.3 |

Table 21: Disaggregated Percentages of Kentucky Public School Juniors Who Meet CPE Benchmarks for College-Level Readiness

| Student Groups ${ }^{1}$ | English | Mathematics | Reading |
| :--- | :---: | :---: | :---: |
| All Students | 42.3 | 29.9 | 39.9 |
| White | 45.9 | 32.5 | 43.1 |
| African American | 20.2 | 11.4 | 19.8 |
| Hispanic | 26.7 | 17.6 | 26.4 |
| Asian | 57.2 | 53.8 | 54.0 |
| American Indian or Alaska <br> Native | 39.7 | 17.2 | 32.8 |
| Native Hawaiian or Other <br> Pacific Islander | 33.3 | 22.2 | 25.9 |
| Two or More Races | 38.0 | 25.3 | 38.1 |
| Economically Disadvantaged | 28.8 | 17.3 | 28.1 |
| Disability-with IEP (Total) | 9.6 | 4.5 | 12.7 |

${ }^{1}$ Students can be identified for multiple student groups.

## Graduation Rates

Table 22: 2021 4-Year Graduation Rate Disaggregated by Student Group

| Student Groups $^{1}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ | $\mathbf{2 0 2 1}$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 89.7 | 90.3 | 90.6 | 91.1 | 90.0 |
| White | 91.2 | 91.9 | 92.1 | 92.8 | 91.4 |
| African American | 81.6 | 82.0 | 83.2 | 83.3 | 83.7 |
| Hispanic or Latino | 84.2 | 83.1 | 84.1 | 84.4 | 83.4 |
| Asian | 92.8 | 95.0 | 94.1 | 94.3 | 95.1 |
| American Indian or Alaska <br> Native | 76.7 | 88.7 | 93.3 | 90.2 | 80.3 |
| Native Hawaiian or Other <br> Pacific Islander | 76.2 | 84.6 | 88.1 | 87.5 | 87.7 |
| Two or More Races | 87.0 | 88.0 | 88.6 | 89.1 | 89.9 |
| English Learners Plus <br> Monitored | 74.4 | 74.8 | 75.5 | 78.0 | 77.9 |
| Economically Disadvantaged | 87.0 | 87.7 | 87.8 | 88.1 | 86.6 |
| Disability-With IEP (Total) | 74.7 | 78.2 | 76.6 | 76.2 |  |

${ }^{1}$ Students can be identified for multiple student groups.

Table 23: 2021 5-Year Graduation Rate Disaggregated by Student Group

| Student Groups $^{\mathbf{1}}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ | $\mathbf{2 0 2 1}$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 90.3 | 91.3 | 91.6 | 92.0 | 92.3 |
| White | 91.4 | 92.5 | 93.0 | 93.3 | 93.8 |
| African American | 83.6 | 84.8 | 84.8 | 85.7 | 85.8 |
| Hispanic or Latino | 85.4 | 86.7 | 85.3 | 86.1 | 86.6 |
| Asian | 84.5 | 80.0 | 88.9 | 93.3 | 93.4 |
| American Indian or Alaska <br> Native | 94.0 | 79.1 | 83.7 | 90.9 | 87.7 |
| Native Hawaiian or Other <br> Pacific Islander | 88.2 | 89.0 | 90.2 | 89.6 | 91.4 |
| Two or More Races | 79.1 | 79.6 | 81.8 | 80.4 |  |
| English Learners Plus <br> Monitored | 88.5 | 89.6 | 90.6 | 89.8 | 90.3 |
| Economically Disadvantaged | 76.0 | 78.1 | 78.7 | 79.3 | 80.8 |
| Disability-With IEP (Total) |  |  | 94.4 | 95.4 | 95.3 |

## QUALITY OF SCHOOL CLIMATE AND SAFETY SURVEY (INCLUDING OPPORTUNITY TO LEARN)

All students in tested grades participate in the Quality of School Climate and Safety survey, one form given to grades 3 through 5 and another form given to grades 6 through high school. For 2021, each form contains 27 statements for which students are prompted to respond whether they strongly agree, agree, disagree or strongly disagree.

Added for 2021 is an Opportunity to Learn Survey, which contains seven survey items on each form. This survey supplement seeks to capture students' perceptions of their educational circumstances during the 2020-2021 school year in the areas of access to tools that support instruction, access to instruction and instructional experience. The results of these supplemental surveys will be used to inform educators, parents and stakeholders on students' perception of the change in instructional delivery methods due to the COVID-19 pandemic.

Below are the results for the seven Opportunity to Learn survey items from 2021. The results for all items are available by disaggregated group in Open House under the Learning Environment tab.

Table 24: 2021 Opportunity to Learn Item: 1 - When my school building was closed because of COVID-19, I was able to work with my teacher and classmates online.

| Level | Response <br> Rate of <br> Participants | Percent <br> Strongly <br> Disagree | Percent <br> Disagree | Percent <br> Agree | Percent <br> Strongly <br> Agree | Percent <br> Agree/ <br> Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary School | 99.6 | 3.1 | 6.6 | 37.9 | 52.3 | 90.3 |
| Middle School | 99.8 | 6.7 | 12.8 | 51.7 | 28.8 | 80.5 |
| High School | 99.8 | 8.1 | 14.3 | 58.2 | 19.4 | 77.6 |

Table 25: 2021 Opportunity to Learn Item: 2 - It was easy to use my device (such as computer, Chromebook or smartphone) to do assignments, quizzes and other schoolwork when my building was closed.

| Level | Response <br> Rate of <br> Participants | Percent <br> Strongly <br> Disagree | Percent <br> Disagree | Percent <br> Agree | Percent <br> Strongly <br> Agree | Percent <br> Agreel <br> Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary School | 99.5 | 7.4 | 15.7 | 39.4 | 37.6 | 77.0 |
| Middle School | 99.8 | 9.9 | 18.4 | 44.3 | 27.4 | 71.7 |
| High School | 99.8 | 12.2 | 18.4 | 48.1 | 21.4 | 69.5 |

Table 26: 2021 Opportunity to Learn Item: 3 - When my school building was closed because of COVID-19, my teacher taught lessons almost every day using video (Zoom, Microsoft Teams, Google Meet/Classroom, or another program).

| Level | Response <br> Rate of <br> Participants | Percent <br> Strongly <br> Disagree | Percent <br> Disagree | Percent <br> Agree | Percent <br> Strongly <br> Agree | Percent <br> Agreel <br> Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary School | 99.5 | 1.6 | 4.4 | 35.1 | 58.9 | 94.0 |
| Middle School | 99.7 | 3.4 | 8.5 | 51.3 | 36.8 | 88.1 |
| High School | 99.7 | 8.6 | 16.8 | 54.4 | 20.2 | 74.6 |

Table 27: 2021 Opportunity to Learn Item: 4 - When my school building was closed because of COVID-19, I watched a video recording from my teacher almost every day.

| Level | Response <br> Rate of <br> Participants | Percent <br> Strongly <br> Disagree | Percent <br> Disagree | Percent <br> Agree | Percent <br> Strongly <br> Agree | Percent <br> Agree/ <br> Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary School | 99.4 | 5.6 | 16.4 | 41.3 | 36.6 | 78.0 |
| Middle School | 99.7 | 8.0 | 27.0 | 46.7 | 18.3 | 65.0 |
| High School | 99.7 | 11.3 | 30.8 | 45.9 | 11.9 | 57.8 |

Table 28: 2021 Opportunity to Learn Item: 5 - My teachers were available when I needed help (such as through virtual office hours, email, chat).

| Level | Response <br> Rate of <br> Participants | Percent <br> Strongly <br> Disagree | Percent <br> Disagree | Percent <br> Agree | Percent <br> Strongly <br> Agree | Percent <br> Agreel <br> Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary School | 99.5 | 1.8 | 6.6 | 44.6 | 46.9 | 91.5 |
| Middle School | 99.7 | 2.7 | 9.6 | 58.4 | 29.3 | 87.7 |
| High School | 99.7 | 4.3 | 11.5 | 64.4 | 19.7 | 84.2 |

Table 29: 2021 Opportunity to Learn Item: 6 - My schoolwork helped me learn new things this year.

| Level | Response <br> Rate of <br> Participants | Percent <br> Strongly <br> Disagree | Percent <br> Disagree | Percent <br> Agree | Percent <br> Strongly <br> Agree | Percent <br> Agree/ <br> Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary School | 99.7 | 1.5 | 3.3 | 36.1 | 59.0 | 95.1 |
| Middle School | 99.8 | 6.6 | 13.4 | 54.9 | 25.1 | 80.0 |
| High School | 99.8 | 15.6 | 22.7 | 51.1 | 10.7 | 61.7 |

Table 30: 2021 Opportunity to Learn Item: 7 - I feel good about what I learned during NTI.

| Level | Response <br> Rate of <br> Participants | Percent <br> Strongly <br> Disagree | Percent <br> Disagree | Percent <br> Agree | Percent <br> Strongly <br> Agree | Percent <br> Agree/ <br> Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary School | 99.1 | 4.3 | 9.4 | 46.4 | 39.9 | 86.3 |
| Middle School | 99.5 | 13.2 | 24.5 | 47.4 | 15.0 | 62.3 |
| High School | 99.7 | 24.8 | 30.5 | 36.7 | 8.0 | 44.7 |

## KINDERGARTEN SCREEN

Table 31: 2021 Composite Scores

| Student Groups ${ }^{1}$ | Total <br> Enrollment | Number <br> Tested | Participation <br> Rate | Percent <br> Ready with <br> Interventions | Percent <br> Ready | Percent <br> Ready with <br> Enrichments | Total <br> Percent <br> Ready |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All Students | 43,051 | 35,218 | 81.8 | 46.8 | 40.6 | 12.5 | 53.2 |
| White | 32,188 | 28,043 | 87.1 | 45.0 | 41.7 | 13.2 | 55.0 |
| African American | 4,110 | 2,107 | 51.3 | 52.6 | 37.5 | 9.9 | 47.4 |
| Hispanic or Latino | 3,494 | 2,611 | 74.7 | 63.2 | 30.6 | 6.1 | 36.8 |
| Asian | 790 | 498 | 63.0 | 36.3 | 43.2 | 20.5 | 63.7 |
| American Indian or <br> Alaska Native | 53 | 43 | 81.1 | 48.8 | 44.2 | 7.0 | 51.2 |
| Native Hawaiian or <br> Other Pacific <br> Islander | 52 | 43 | 82.7 | 53.5 | 41.9 | 4.7 | 46.5 |
| Two or More <br> Races | 2,362 | 1,871 | 79.2 | 47.2 | 40.6 | 12.2 | 52.8 |
| Economically <br> Disadvantaged | 27,778 | 22,297 | 80.3 | 56.8 | 35.7 | 7.5 | 43.2 |
| Disability-With IEP <br> (Total) | 7,858 | 6,862 | 87.3 | 66.9 | 27.7 | 5.4 | 33.1 |

${ }^{1}$ Students can be identified for multiple student groups.

## ENGLISH LANGUAGE ATTAINMENT

Table 32: 2021 Reached Attainment

| Grade Tested | Total <br> Enrollment | Number <br> Tested | Participation <br> Rate | Number of <br> students <br> reaching <br> attainment | Attainment <br> Rate |
| :--- | :---: | :---: | :---: | :---: | :---: |
| All Students | 33,091 | 28,510 | 86.2 | 2,097 | 7.4 |
| Kindergarten | 4,013 | 3,618 | 90.2 | 188 | 5.2 |
| 1st | 4,333 | 3,885 | 89.7 | 217 | 5.6 |
| 2nd | 4,061 | 3,643 | 89.7 | 242 | 6.6 |
| 3rd | 3,252 | 2,899 | 89.1 | 173 | 6.0 |
| 4th | 3,266 | 2,940 | 90.0 | 628 | 21.4 |
| 5th | 2,310 | 2,043 | 88.4 | 325 | 15.9 |
| 6th | 1,825 | 1,599 | 87.6 | 20 | 1.3 |
| 7th | 1,826 | 1,545 | 84.6 | 63 | 4.1 |
| 8th | 1,775 | 1,513 | 85.2 | 66 | 4.4 |
| 9th | 1,970 | 1,543 | 78.3 | 77 | 5.0 |
| 10th | 1,912 | 1,482 | 77.5 | 53 | 3.6 |
| 11th | 1,430 | 1,065 | 74.5 | 33 | 3.1 |
| 12th | 1,118 | 735 | 65.7 | 12 | 1.6 |


[^0]:    ${ }^{1}$ Students can be identified for multiple student groups.

[^1]:    ${ }^{1}$ Students can be identified for multiple student groups.

[^2]:    ${ }^{1}$ Students can be identified for multiple student groups.

[^3]:    ${ }^{1}$ Students can be identified for multiple student groups.

[^4]:    ${ }^{1}$ Students can be identified for multiple student groups.

