

**Start Strong:
Fall 2022 Administrations
Branchburg
February 2, 2023**

**Support in
Identifying
Student
Needs**





Branchburg's Number of Students Tested Start Strong Fall 2022 Administrations



| English Language Arts | Students Tested |
|-----------------------|-----------------|
| ELA04 | 150 |
| ELA05 | 130 |
| ELA06 | 151 |
| ELA07 | 126 |
| ELA08 | 132 |
| Total | 689 |

| Mathematics | Students Tested |
|--------------|-----------------|
| MAT04 | 150 |
| MAT05 | 130 |
| MAT06 | 151 |
| MAT07 | 106 |
| MAT08 | 62 |
| Algebra 1 | 73 |
| Geometry | 17 |
| Total | 689 |

| Science | Students Tested |
|--------------|-----------------|
| SC06 | 151 |
| Total | 151 |

Note: "Students Tested" represents individual valid test scores for English Language Arts, Mathematics and Science.



Branchburg's Start Strong Fall 2022 Administrations

English Language Arts — Support Levels



| Grade | More Support Needed (Count) | More Support Needed (Percentage) | Some Support Needed (Count) | Some Support Needed (Percentage) | Less Support Needed (Count) | Less Support Needed (Percentage) |
|-------|-----------------------------|----------------------------------|-----------------------------|----------------------------------|-----------------------------|----------------------------------|
| 4 | 38 | 25% | 33 | 22% | 79 | 53% |
| 5 | 22 | 17% | 26 | 20% | 82 | 63% |
| 6 | 26 | 17% | 47 | 31% | 78 | 52% |
| 7 | 17 | 13% | 27 | 21% | 82 | 65% |
| 8 | 15 | 11% | 23 | 17% | 94 | 71% |

Note: Percentages may not total 100 due to rounding.

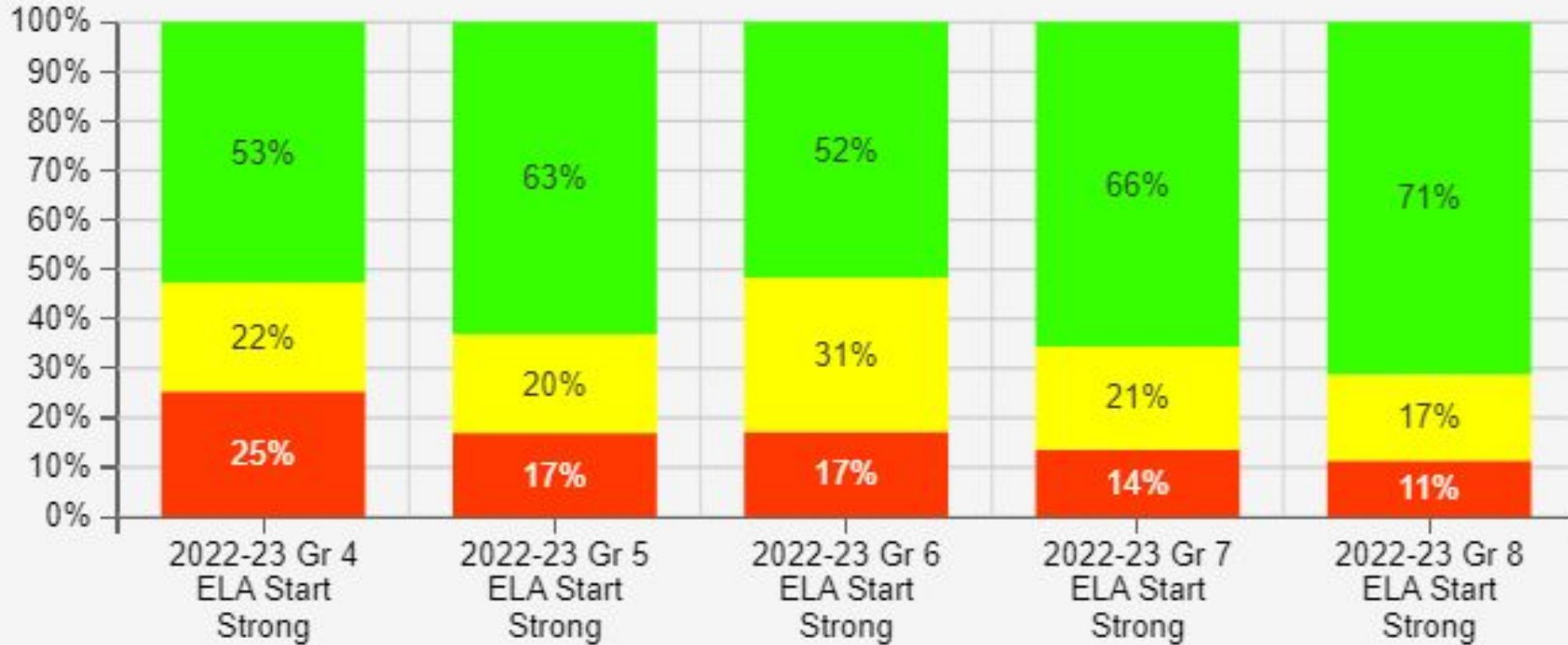


Branchburg's Start Strong Fall 2022 Administrations

English Language Arts — Support Levels



Strong Support May Be Needed Some Support May Be Needed Less Support May Be Needed



Note: Percentages may not total 100 due to rounding.



Branchburg's Start Strong Fall 2022 Administrations

Mathematics — Support Levels



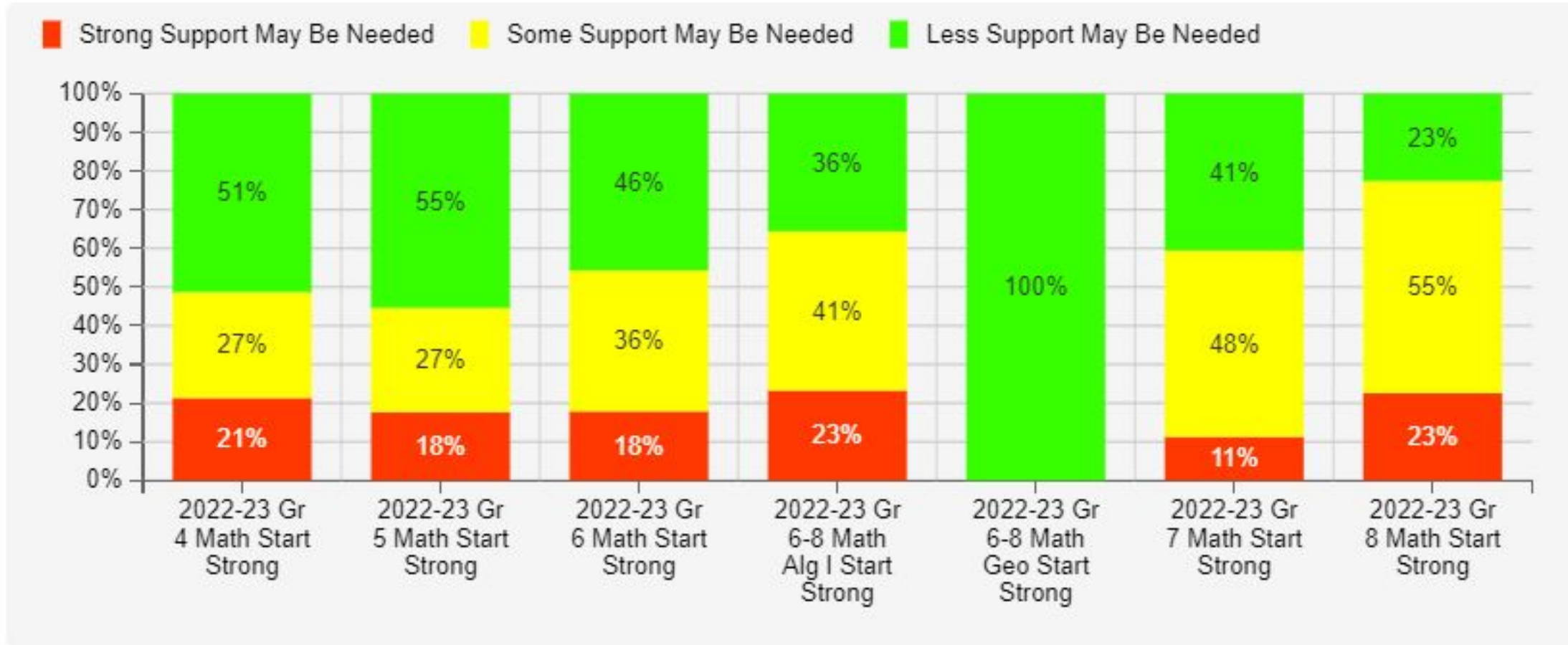
| Grade | More Support Needed (Count) | More Support Needed (Percentage) | Some Support Needed (Count) | Some Support Needed (Percentage) | Less Support Needed (Count) | Less Support Needed (Percentage) |
|-----------|--------------------------------|-------------------------------------|--------------------------------|-------------------------------------|--------------------------------|-------------------------------------|
| 4 | 32 | 21% | 41 | 27% | 77 | 51% |
| 5 | 23 | 18% | 35 | 27% | 72 | 55% |
| 6 | 27 | 18% | 55 | 36% | 69 | 46% |
| 7 | 12 | 11% | 51 | 48% | 43 | 41% |
| 8* | 14 | 23% | 34 | 55% | 14 | 23% |
| Algebra 1 | 17 | 23% | 30 | 41% | 26 | 36% |
| Geometry | 0 | 0% | 0 | 0% | 17 | 100% |

*Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole.



Branchburg's Start Strong Fall 2022 Administrations

Mathematics – Support Levels



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Branchburg's Start Strong Fall 2022 Administrations Science — Support Levels



| Grade | More Support Needed (Count) | More Support Needed (Percentage) | Some Support Needed (Count) | Some Support Needed (Percentage) | Less Support Needed (Count) | Less Support Needed (Percentage) |
|-------|--------------------------------|-------------------------------------|--------------------------------|-------------------------------------|--------------------------------|-------------------------------------|
| 6 | 37 | 25% | 56 | 37% | 58 | 38% |

Note: Percentages may not total 100 due to rounding.

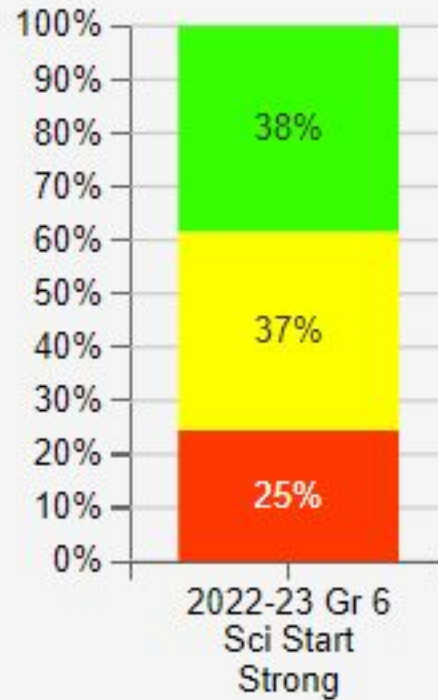


Branchburg's Start Strong Fall 2022 Administrations

Science — Support Levels



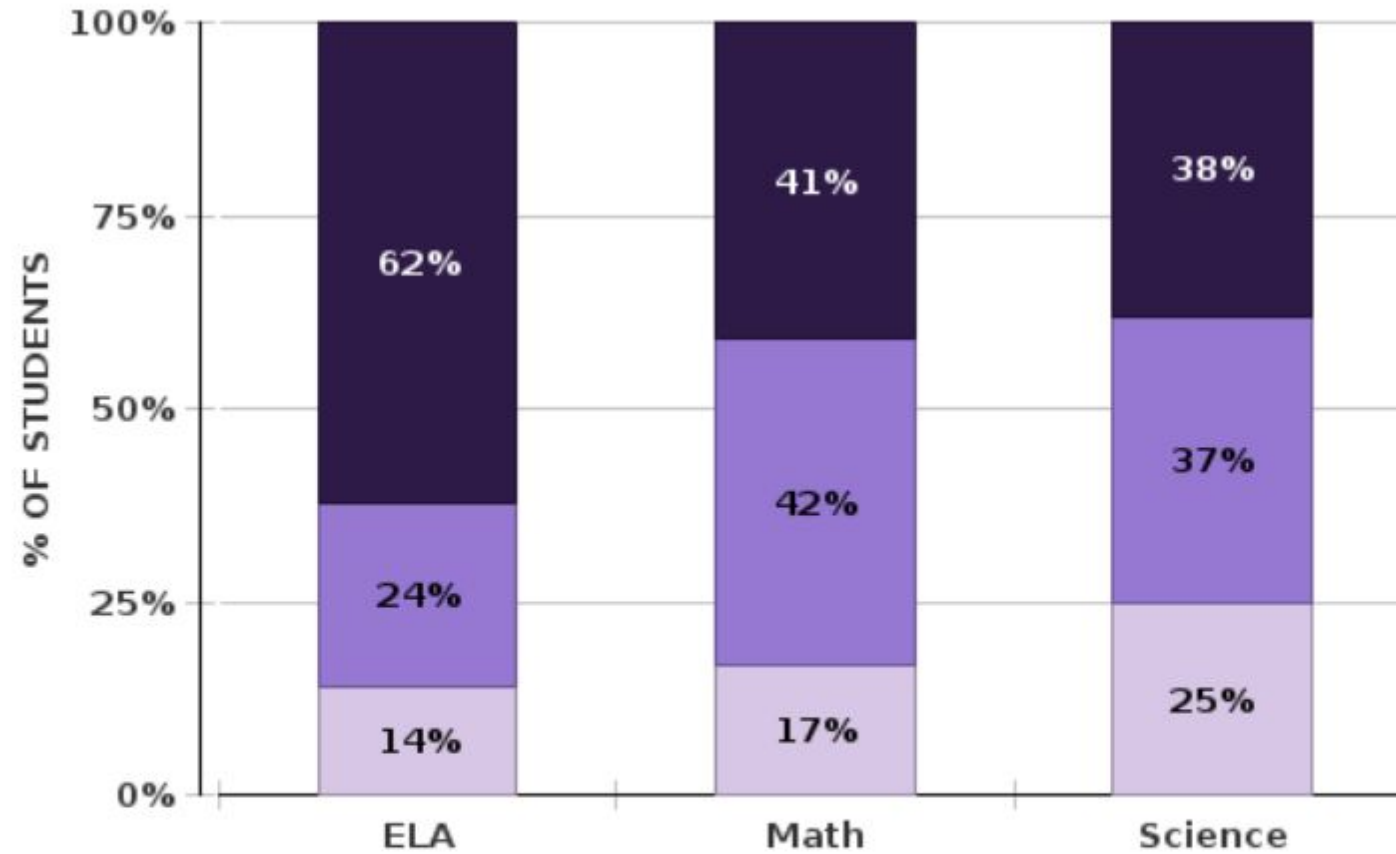
■ Strong Support May Be Needed ■ Some Support May Be Needed ■ Less Support May Be Needed



Note: Percentages may not total 100 due to rounding.



Branchburg's Summary of Start Strong Fall 2022 Administrations Percentages



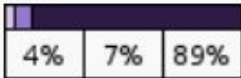
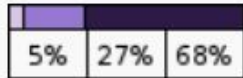
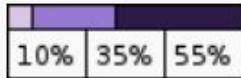
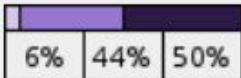
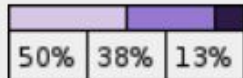
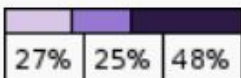
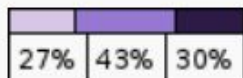
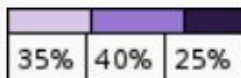
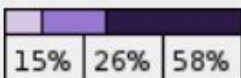
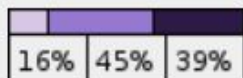
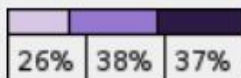
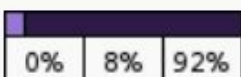
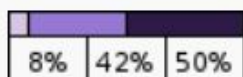
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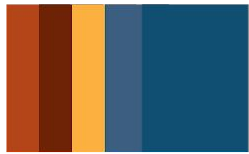


Branchburg's Summary of Start Strong Fall 2022 Administrations

Subgroup Ethnicity - Percentages



| Ethnicity | ELA | Math | Science |
|---------------------------------|--|--|--|
| American Indian / Alaska Native | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Asian |  4% 7% 89% |  5% 27% 68% |  10% 35% 55% |
| Black / African American |  6% 44% 50% |  50% 38% 13% | 9 Students or Fewer |
| Hispanic or Latino |  27% 25% 48% |  27% 43% 30% |  35% 40% 25% |
| White |  15% 26% 58% |  16% 45% 39% |  26% 38% 37% |
| Two or More Races |  0% 8% 92% |  8% 42% 50% | 9 Students or Fewer |



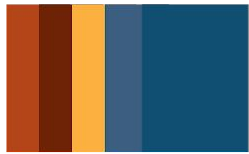
Branchburg's Summary of Start Strong Fall 2022 Administrations

Subgroup Students with Disabilities - Percentages



| Students with Disabilities | ELA | Math | Science |
|----------------------------|---|---|---|
| IEP | <div><div></div><div></div><div></div></div> <div>41%29%30%</div> | <div><div></div><div></div><div></div></div> <div>41%49%10%</div> | <div><div></div><div></div><div></div></div> <div>63%25%13%</div> |
| 504 | <div><div></div><div></div><div></div></div> <div>5%24%71%</div> | <div><div></div><div></div><div></div></div> <div>5%48%48%</div> | 9 Students or Fewer |





Branchburg's Summary of Start Strong Fall 2022 Administrations

Subgroup English Language Learners - Percentages



| English Language Learner | ELA | Math | Science |
|--------------------------|---------------------|---------------------|---------------------|
| Current EL | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Former EL | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |

Branchburg's Summary of Start Strong Fall 2022 Administrations

Subgroup Economically Disadvantaged - Percentages

| Other Demographics | ELA | Math | Science |
|--------------------------------|--|--|--|
| Economically Disadvantaged | 9 Students or Fewer | 9 Students or Fewer | 9 Students or Fewer |
| Non-Economically Disadvantaged | <div><div></div><div></div><div></div><div>14%</div><div>23%</div><div>63%</div></div> | <div><div></div><div></div><div></div><div>17%</div><div>41%</div><div>42%</div></div> | <div><div></div><div></div><div></div><div>24%</div><div>37%</div><div>39%</div></div> |





Notable Achievements



- Student performance is consistent with the research related to pandemic learning interruptions, where we see a higher than normal percentage of “some support needed” in the various content areas.
- We have been able to utilize staff in different roles, increasing instructional support in order to better support students in all Tiers of Intervention
- Since this data is more accessible, albeit limited in scope, we are able to use the released test items/answers as an opportunity for our staff to better understand the presentation of questions and information so that they can incorporate those instructional components into their units and lessons throughout the year.
- Initial data collected from our most recent Winter MAP assessment has shown additional growth from this data set. All grade levels (2-8) had at least 71% of students in the average-high range, with most in the 80% range for both ELA and Math.





Intervention Strategies



- Data was available to staff immediately following testing in October, however grade level and district summary information was only made available to districts in December.
- Similar to the 2021-2022 school year, staff were provided guidance on how to access and review data within the PearsonAccessNext system:
 - [SBS Presentation](#)
 - [BCMS Presentation](#)
 - At that time, staff were able to review student-specific data in each content area, including questions and student responses and then use this information to inform future instruction



Intervention Strategies



- As more comprehensive data has become available, District instructional coaches have been able to review this information at student, grade, school and district level views in order to support:
 - individual student needs
 - potential grade level and/or content are curricular needs
 - full progressions of content area learning across the district
- The Start Strong data points continue to serve as supplementary pieces of information that help staff members to develop a better understanding of student mastery and areas for growth.
- Start Strong data also helps the District to identify and better address curricular and equity needs/supports based on review of grade level and subgroup data.
- Science instruction and assessment as well as equity among subgroups are areas of focus based on this year's data.





Additional Resources



- [Background information about Start Strong](#)
- [Start Strong Testing Resources](#)

Questions?

