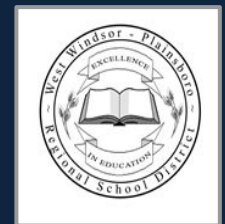


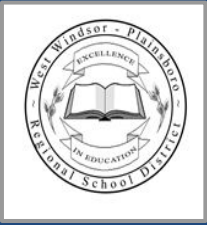
Start Strong: Fall 2021 Administrations

West Windsor Plainsboro
School District's

February 8, 2022

Support in
Identifying
Student Needs





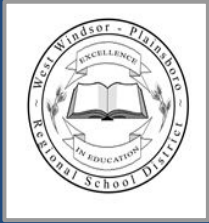
Start Strong Assessment Overview

Start Strong Fall 2021 assessments:

- Produced information to be used as a standards-based complement to the resources used by educators in their classrooms to evaluate the needs of students.
- Were administered quickly, in person, and provided immediate results.
- As determined by the U.S. Department of Education, the administration of Start Strong satisfied federal statewide assessment requirements to administer general assessments in English language arts, mathematics, and science only for the 2020-2021 school year. The spring NJSLA schedule will resume for the 2021-2022 school year.

Start Strong Fall 2021 assessments do not:

- Replace local standards-based benchmark assessments districts may already have in place.
- Replace the spring 2022 New Jersey Student Learning Assessments (NJSLA) statewide summative assessments or are predictive of their results.



Start Strong Test Design

- Based on a **subset** of prioritized **prior-year** academic standards to provide a data point on the level of support a student may need to engage in grade-level content.
 - Example: Grade 5 ELA Start Strong assessment is aligned to a subset of the NJSLA for Grade 4 ELA.
 - Example: Algebra I Start Strong assessment is aligned to Grade 8 learning standards relevant to algebraic concepts.
- Used **released** high-quality items from the NJSLA item bank
- Contained **efficient question types** to produce on-demand results for educators
- Could be administered in 45–60 minutes

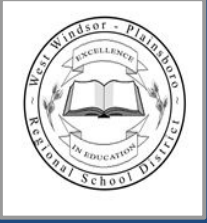
Note: The test design, which allowed for shortened testing time and immediate results, means that Start Strong results must be interpreted and used differently than NJSLA results. They do not cover the breadth and depth of standards as seen on the NJSLA and do not support the same comparisons or inferences about student proficiency.



Start Strong Grade And Content Alignment

Content Area	Grade/Course in SY 2021 - 2022	Content of the Assessment
English Language Arts (ELA)	<ul style="list-style-type: none"> • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8 • Grade 9 • Grade 10 	<ul style="list-style-type: none"> • Grade 3 • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8 • Grade 9
Mathematics	<ul style="list-style-type: none"> • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8 • Algebra 1 • Geometry • Algebra 2 	<ul style="list-style-type: none"> • Grade 3 • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8* • Grade 8* • Algebra 1
Science	<ul style="list-style-type: none"> • Grade 6 • Grade 9 • Grade 12 	<ul style="list-style-type: none"> • Grades 3–5 • Grades 6–8 • Grades 9–11

*Students beginning Algebra I, Geometry, and/or Algebra II in the 2021–2022 school year may have taken different mathematics courses depending on their individual course pathways. The Start Strong Assessments for Algebra I and Geometry are based on the Grade 8 learning standards and, therefore, measure some of the same concepts. The Start Strong Assessment for Algebra 1 contains Strong items from the Grade 8 learning standards relevant to algebraic concepts, and the Start Strong Assessment for Geometry contains Strong items from the Grade 8 learning standards relevant to geometry concepts.



Start Strong Result Interpretation Considerations

- When publicly reporting assessment results, consider the impacts of COVID-19 on learning and testing conditions, as well as the impact on student participation in the assessments, which were administered in person.
- Districts **should not** compare any individual student/school/district Start Strong data to **any state-level data for Start Strong**, nor should comparisons be made to **any NJSLA data**.
- Please note that the Start Strong assessments were **not** designed to predict future student performance on the NJSLA, nor was it designed to estimate what score a student would have received if they had taken the NJSLA in spring 2021.



Start Strong Result Interpretation Considerations, Continued

Start Strong assessments provide a data point to support:

- District-level curriculum planning and revisiting prerequisite concepts and skills
- Evaluating scope and sequence based on distribution of student support needs
- Providing professional learning supports for differentiation and scaffolding based on student results, aligned to principles and practices outlined in the [NJDOE Learning Acceleration Guide](#)
- Using the Individual Student Reports (ISRs) for conversations between parents and educators on where their child might need support at the beginning of the school year



West Windsor Plainsboro School District's Number of Students Tested Start Strong Fall 2021 Administrations

English Language Arts	Students Tested	Mathematics	Students Tested	Science	Students Tested
ELA04	642	MAT04	647		
ELA05	676	MAT05	679		
ELA06	724	MAT06	717	SC06	715
ELA07	740	MAT07	458		
ELA08	748	MAT08	76		
ELA09	728	Algebra I	778	SC09	728
ELA10	729	Geometry	820		
		Algebra II	764	SC12	755
Total	4987	Total	4939	Total	2198

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

Support Levels

Start Strong

Support Levels	Descriptor
Level 1	Strong Support May Be Needed
Level 2	Some Support May Be Needed
Level 3	Less Support May Be Needed

Support Descriptor Comparison to the NJSLA

Start Strong Support Levels	NJSLA-ELA Performance Level	NJSLA-Math Performance Level	NJSLA-Science Performance Level
Strong Support May Be Needed	<ul style="list-style-type: none"> • Did Not Yet Meet Expectations • Partially Met Expectations 	<ul style="list-style-type: none"> • Did Not Yet Meet Expectations • Partially Met Expectations 	<ul style="list-style-type: none"> • Below Proficient
Some Support May Be Needed	<ul style="list-style-type: none"> • Approached Expectations 	<ul style="list-style-type: none"> • Approached Expectations 	<ul style="list-style-type: none"> • Near Proficiency
Less Support May Be Needed	<ul style="list-style-type: none"> • Met expectations • Exceeded expectations 	<ul style="list-style-type: none"> • Met Expectations • Exceeded Expectations 	<ul style="list-style-type: none"> • Proficient • Advanced Proficiency

Some Takeaways

Start Strong 2021

<i>Statewide</i>	The median student score of level 1, or students achieving the lowest score range <i>statewide</i> , was 44% in both math and language arts.
WWP	The median student score of a level 1, or students achieving lowest score range in WWP, was 16 % in both math and language arts.
<i>Statewide</i>	About half of all New Jersey students in grades 4 through 6 began this school year in need of “strong support” or a level 1 score in math.
WWP	<p>*About a quarter of WWP students in grades 4 through 6 began this year in need of ‘strong support’ or level 1 score in math.</p> <p>*57% of all WWP students in grades 4 through 6 began this year with the highest level score, or a Level 3 score in Math.</p> <p>*64% of all WWP students in grade 4 through 6 began this year with the highest level score, or a Level 3 score in ELA.</p>



West Windsor Plainsboro School District's + *Statewide*

Start Strong Fall 2021 Administrations

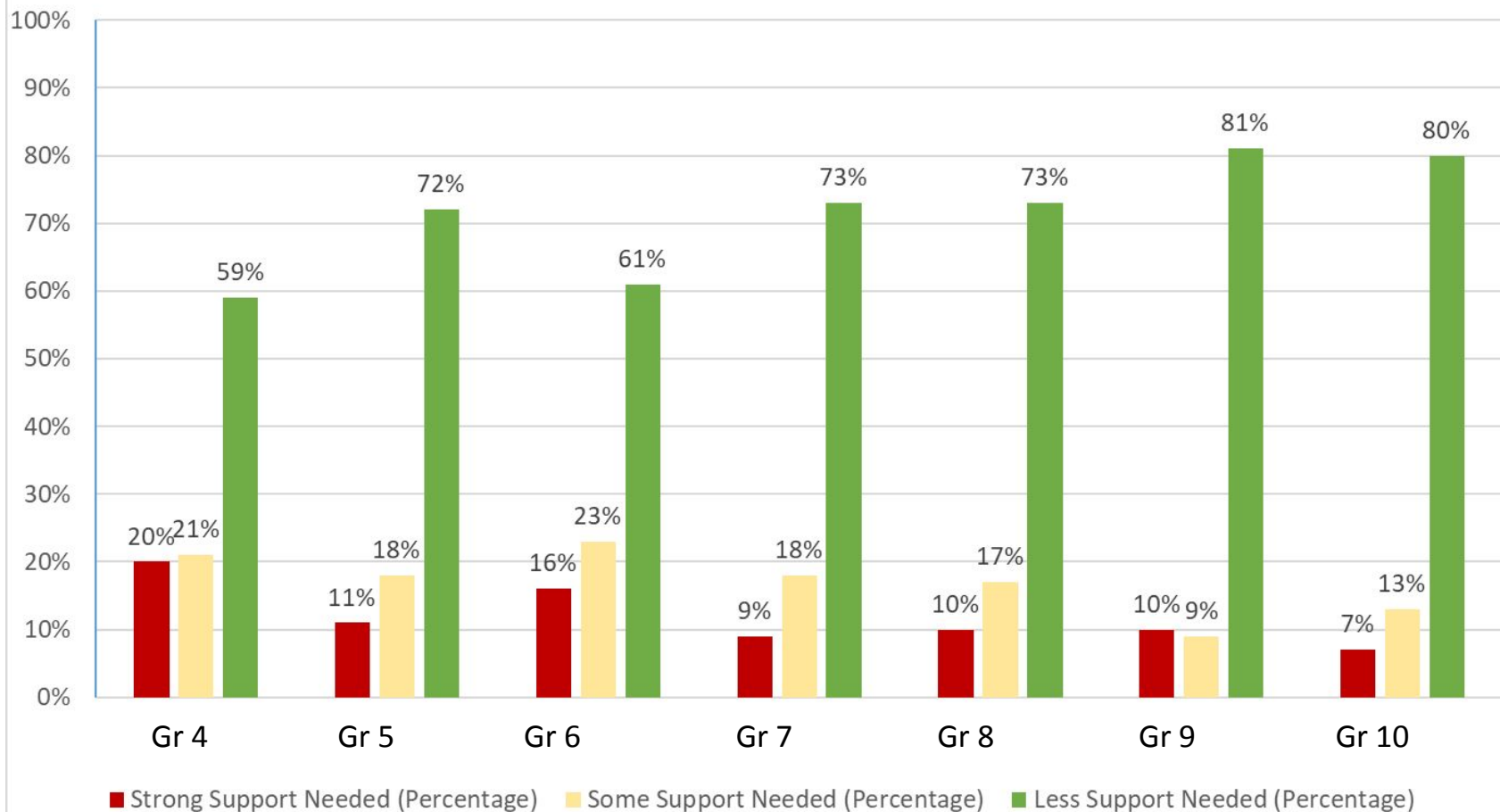
English Language Arts– Support Levels

Grade	Strong Support Needed (Percentage)	Strong Support Needed (Percentage)	Some Support Needed (Percentage)	Some Support Needed (Percentage)	Less Support Needed (Percentage)	Less Support Needed (Percentage)
	WWP	<i>Statewide</i>	WWP	<i>Statewide</i>	WWP	<i>Statewide</i>
4	20%	42%	21%	22%	59%	37%
5	10%	27%	18%	25%	72%	48%
6	16%	33%	23%	26%	61%	41%
7	9%	28%	18%	25%	73%	47%
8	10%	31%	17%	20%	73%	50%
9	10%	32%	9%	15%	81%	54%
10	7%	26%	13%	20%	80%	55%



West Windsor Plainsboro School District's Start Strong Fall 2021 Administrations English Language Arts – Support Levels

ELA Distribution of Achievement by Level





West Windsor Plainsboro School District's + *Statewide*

Start Strong Fall 2021 Administrations

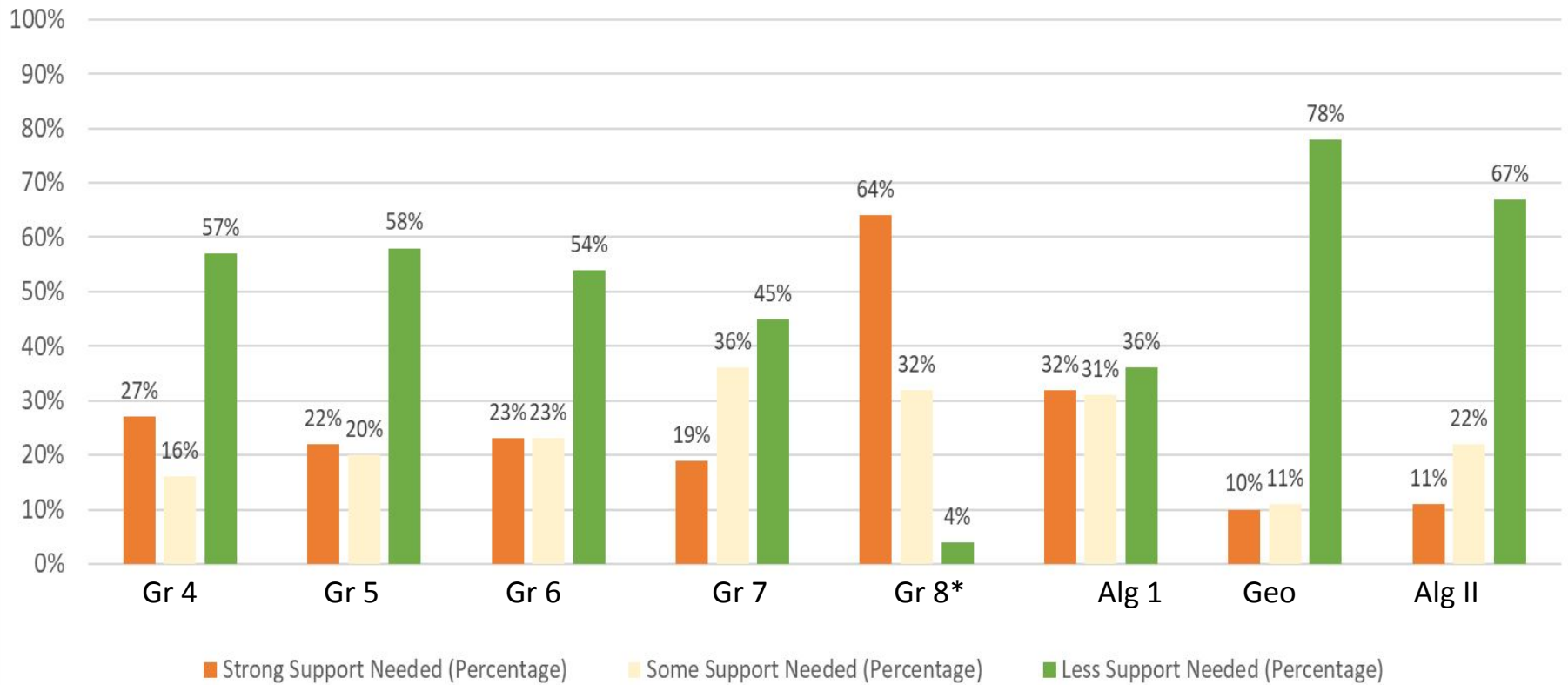
Mathematics – Support Levels

Grade	Strong Support Needed (Percentage)	Strong Support Needed (Percentage)	Some Support Needed (Percentage)	Some Support Needed (Percentage)	Less Support Needed (Percentage)	Less Support Needed (Percentage)
	WWP	<i>Statewide</i>	WWP	<i>Statewide</i>	WWP	<i>Statewide</i>
4	27%	49%	16%	22%	57%	29%
5	21%	55%	20%	21%	58%	24%
6	23%	54%	23%	24%	54%	22%
7	18%	43%	36%	33%	45%	24%
8*	64%	47%	32%	35%	4%	18%
Algebra I	32%	60%	31%	24%	36%	16%
Geometry	10%	47%	11%	24%	78%	29%
Algebra II	11%	31%	22%	29%	67%	40% ¹²



West Windsor Plainsboro School District's Start Strong Fall 2021 Administrations Mathematics – Support Levels

Math Distribution of Achievement by Level



*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.

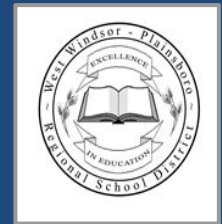


West Windsor Plainsboro School District's Start Strong Fall 2021 Administrations Science – Support Levels

Grade	Strong Support Needed (Percentage)	Strong Support Needed (Percentage)	Some Support Needed (Percentage)	Some Support Needed (Percentage)	Less Support Needed (Percentage)	Less Support Needed (Percentage)
	WWP	<i>Statewide</i>	WWP	<i>Statewide</i>	WWP	<i>Statewide</i>
6	16%	43%	37%	34%	47%	23%
9	10%	42%	41%	42%	48%	16%
12	18%	50%	19%	24%	62%	27%

Achievement Levels By Subgroup & Demographic

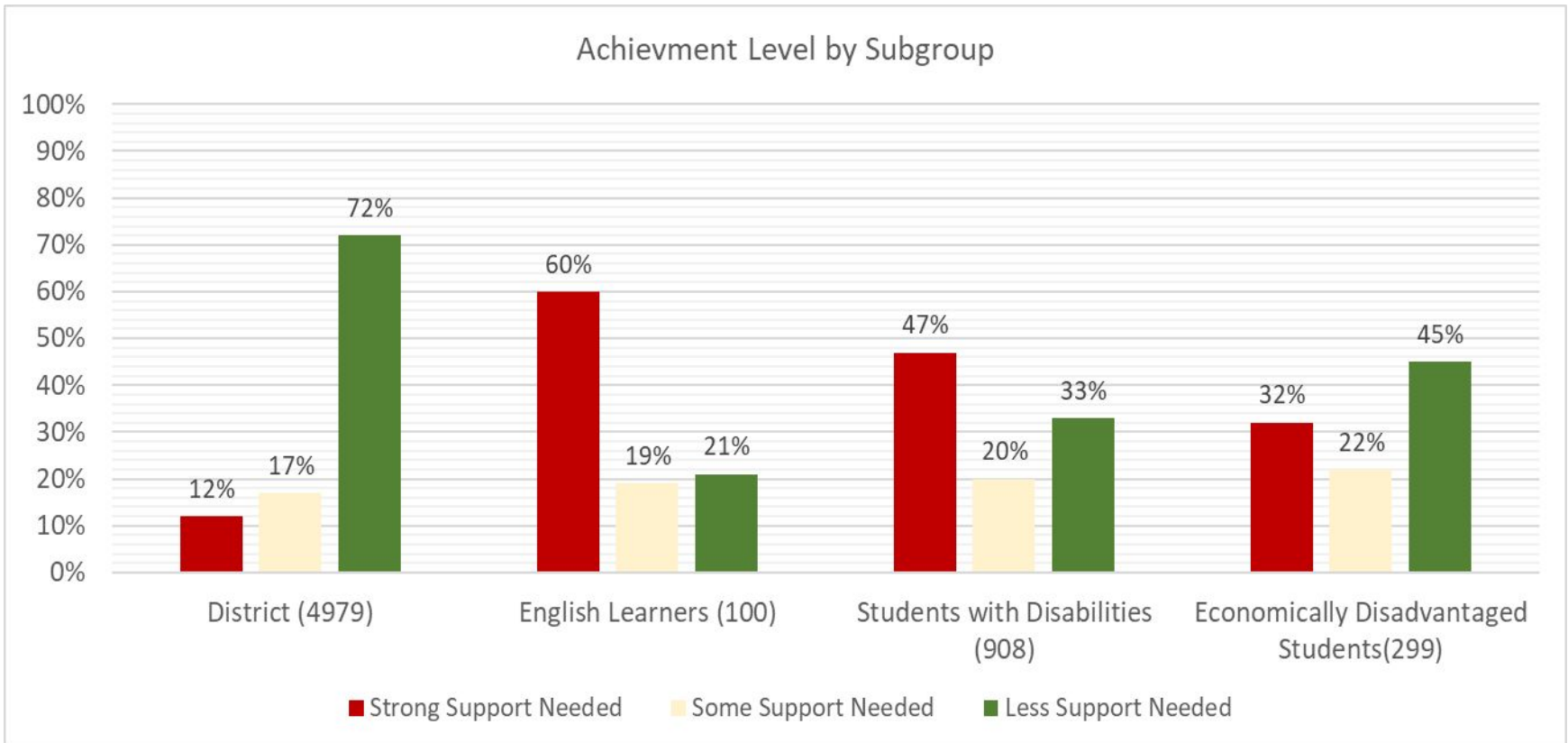
ELA





Subgroups

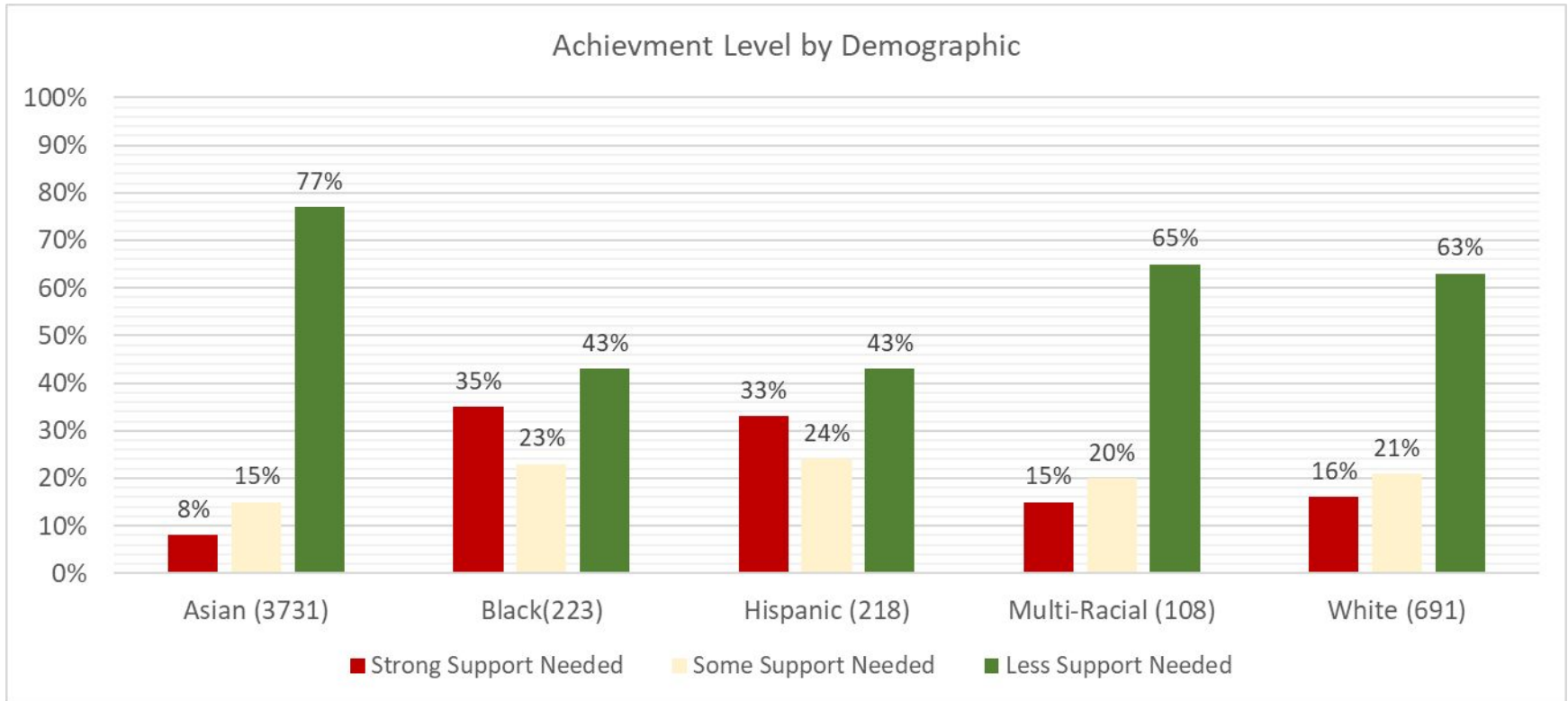
ELA





Demographic

ELA



Achievement Levels By Subgroup & Demographic

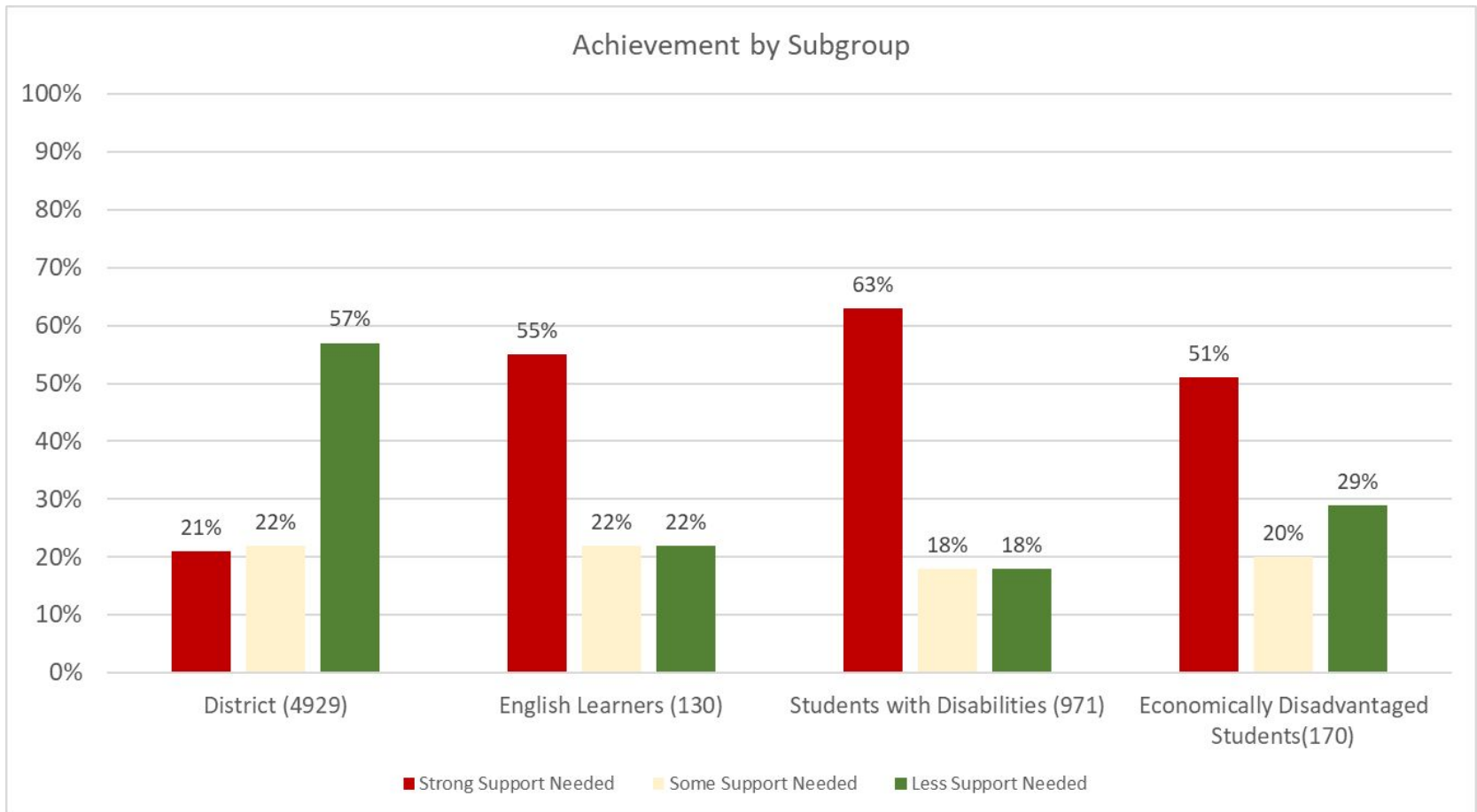
MATH





Subgroups

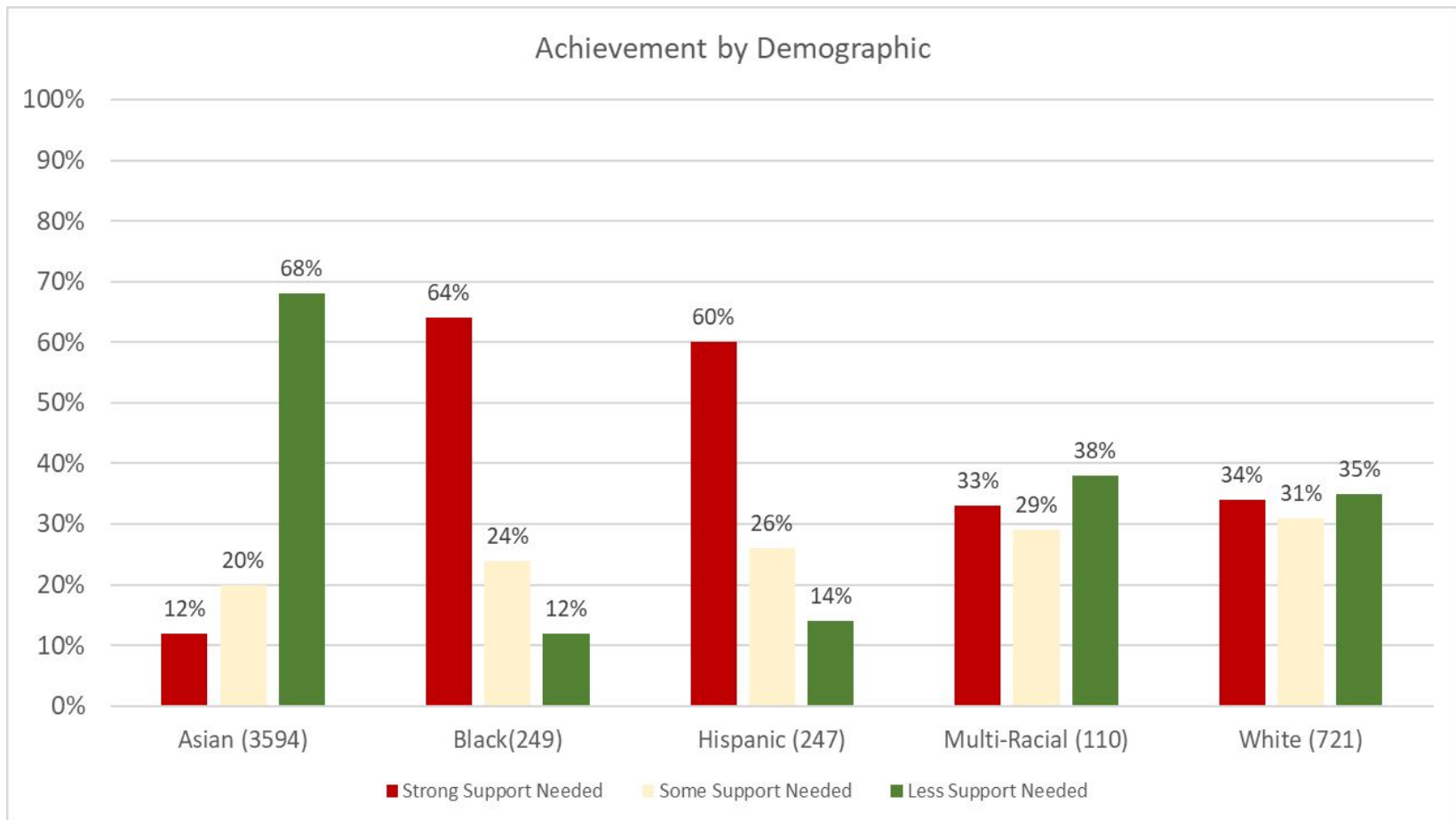
Math





Demographic

Math



Achievement Levels By Subgroup & Demographic

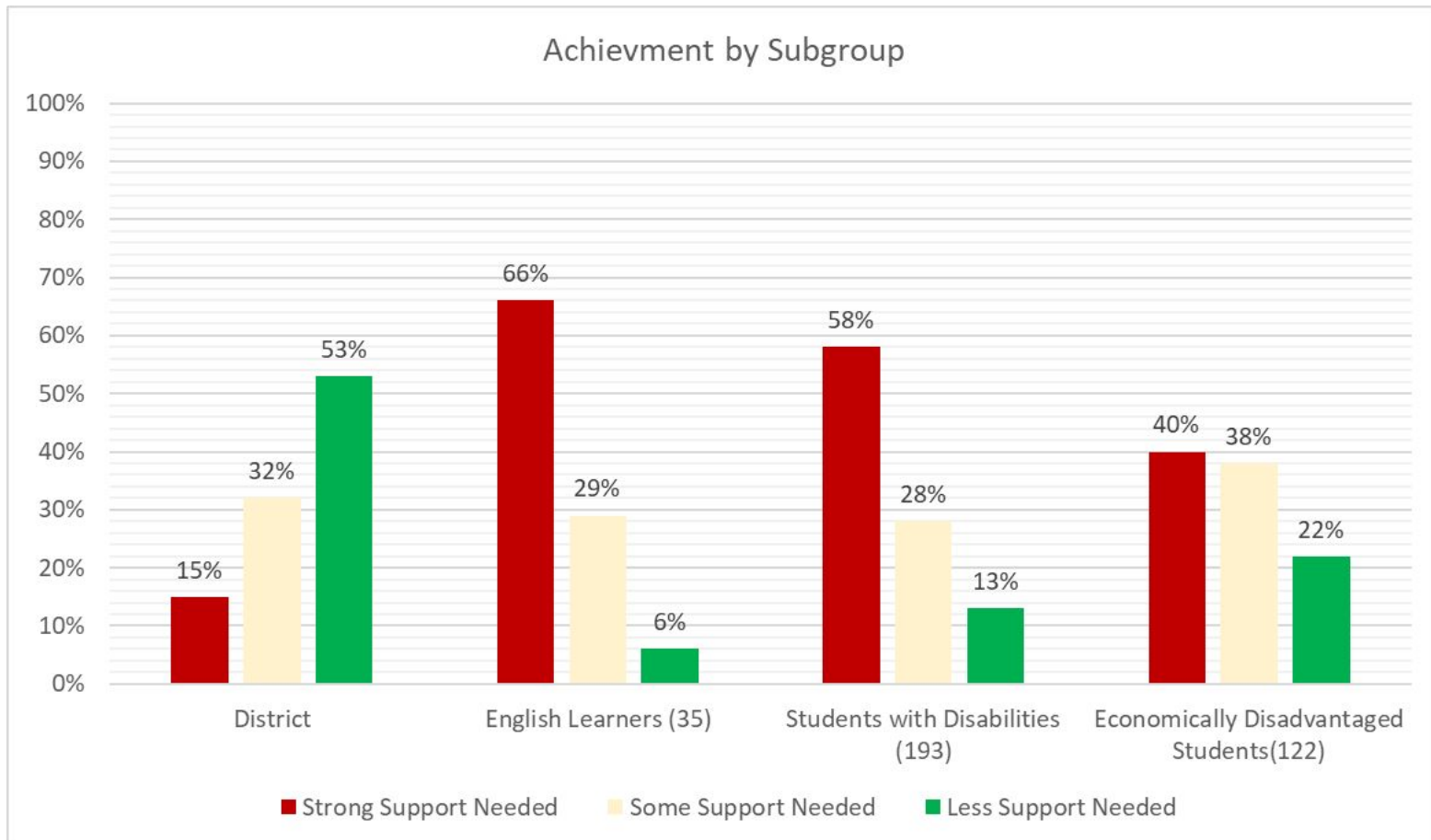
SCIENCE





Subgroups

Science

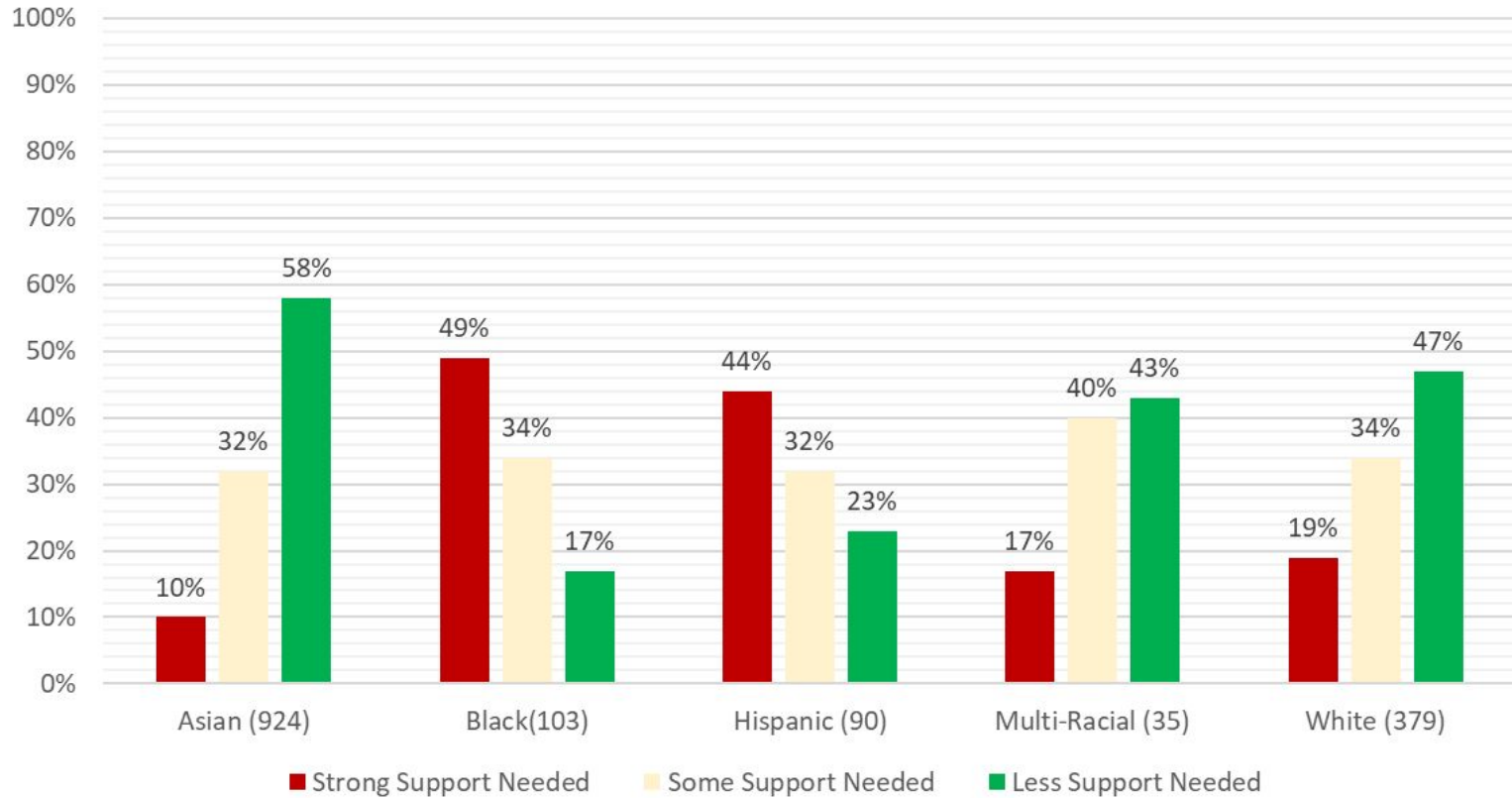




Demographics

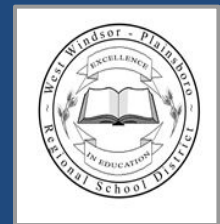
Science

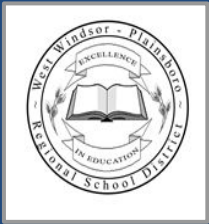
Achievement by Demographics



Notable Achievements & Strategies

Start
Strong
2021





Notable Achievements

- Offered high quality instructing during the pandemic both virtually and in person.
- SEL tours for students to acclimate back to school
- Provided adult ESL classes for caregivers/ parents of students currently enrolled in WWP ESL programming.
- English Language Learners summer camp for k-12 students.
- Intensive literacy summer program for grade 1
- Food distribution for each family



Intervention Strategies

- Reading Recovery
- Interventionists
- Teacher Resource Specialists
 - K-3
 - 4-5
 - 6-12
- SIOP Model (Sheltered Instruction Observation Protocol Model)
- Structural changes
 - Workshop models Math & ELA scaled-up
 - Math sequence
- Equity Plan - District Goal Work and Equity Team

Thanks

West Windsor Plainsboro
School District

February 8, 2022

Start Strong
2021

