

Most-recent Statewide  
and Local Assessments

**Somerset Hills School  
District**

*December 15, 2021*



# NJ Statewide and SHSD Local Assessment: Presentation Overview

For each subject area (ELA, Math, and Science) the data presented includes:

- Most recent available district's state assessment performance data - Spring 2019 (ELA grades 3-10, Math grades 3-8, Algebra 1, Geometry, and Algebra 2, and Science grades 5, 8, and 11)
- Fall 2021 NJ Start Strong assessment results (ELA grades 4-10, Math grades 4-8, Algebra 1, Geometry, and Algebra 2, and Science grades 6, 9, and 12)
- Fall 2021 local i-Ready Diagnostic data (Reading and Math grades 3-8) with NJ comparison
- Analysis within each data set
- Multi-year trend - comparison of 2017-2019 and 2021 subgroups' performance (disaggregated)
- Observations on student learning
- Next steps

# Additional statewide assessments for selected students

Additional state-wide assessments for selected students are:

- **ACCESS** for ELLs: grades K-12
- **Dynamic Learning Maps (DLM)** for students with cognitive disabilities for whom general state assessments are not developmentally appropriate: grades 3-8, and 11. These results are individual and not publicly shared to protect students' privacy.

ACCESS and DLM assessments were not administered in the school year 2019-2020.

Spring 2021 ACCESS results overview is included in this report.

# ENGLISH LANGUAGE ARTS DATA

# New Jersey's Statewide Assessment Program - NJSLA

**New Jersey Student Learning Assessment (NJSLA), Spring Administration, traditionally includes:**

- **NJSLA English Language Arts and Literacy Assessments (NJSLA-L) in grades 3–10**
- **NJSLA Mathematics Assessments (NJSLA-L) in grades 3–8 and End-of-Course assessments in Algebra I, Geometry, and Algebra II**
- **NJSLA Science (NJSLA-S) in grades 5, 8, and 11**

*The primary purpose of NJSLA is to provide high-quality assessments to measure student progress toward next grade-level or course, and ultimately, for college and career. NJSLA assessments are administered in Spring and are summative.*

*The tests measure how well students have learned grade-level material and describe student mastery relative to meeting grade-level or course-level standards – content and practices. The tests include multiple items with varied complexity of the content, stimulus material, and response mode. Many questions are Constructed Response Tasks (CRTs). If baseline is available, student growth is measured as well.*

# New Jersey's Statewide Assessment Program - NJSLA

In **ELA and Mathematics**, there are **five** performance levels for NJSLA assessments:

Level 1 - Not Yet Meeting Expectations

Level 2 - Partially Meeting Expectations

Level 3 - Approaching Expectations

**Level 4 - Meeting Expectations**

**Level 5 - Exceeding Expectations**

In **Science**, there are **four** performance levels for NJSLA assessments:

Level 1 - Below Proficiency (a minimal understanding of the standards)

Level 2 - Near Proficiency (limited grade-level understanding of the standards)

**Level 3 - Proficient (appropriate grade-level understanding of the standards)**

**Level 4 - Advanced Proficient (exemplary grade-level understanding of the standards)**

Due to health-related school disruptions and closures, in the 2019-2020 and 2020-2021 school years **NJSLA assessments were not administered.**

# Somerset Hills School District's

## Spring 2019 NJSLA Administration

### English Language Arts

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4&5 SHSD	Levels 4&5 State
3	111	9.0%	12.6%	21.6%	52.3%	4.5%	56.8%	50.3%
4	108	4.6%	3.7%	26.9%	41.7%	23.1%	64.8%	57.4%
5	108	2.8%	5.6%	23.1%	50.9%	17.6%	68.5%	57.9%
6	132	5.3%	3.8%	18.2%	41.7%	31.1%	72.7%	56.2%
7	135	1.5%	6.7%	8.9%	37.8%	45.2%	83.0%	62.8%
8	117	4.3%	2.6%	17.9%	36.8%	38.5%	75.2%	62.8%
9	192	2.6%	9.4%	21.9%	40.6%	25.5%	66.1%	55.3%
10	213	10.8%	6.1%	13.6%	36.6%	32.9%	69.5%	58.0%

# Comparison of Somerset Hills School District's Spring 2019 NJSLA Administration English Language Arts to New Jersey - Percentages for 2019

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
<b>3</b>	<b>9.0</b>	<b>14.0</b>	<b>12.6</b>	<b>14.4</b>	<b>21.6</b>	<b>21.4</b>	<b>52.3</b>	<b>42.8</b>	<b>4.5</b>	<b>7.4</b>
<b>4</b>	<b>4.6</b>	<b>8.6</b>	<b>3.7</b>	<b>12.6</b>	<b>26.9</b>	<b>21.4</b>	<b>41.7</b>	<b>39.1</b>	<b>23.1</b>	<b>18.3</b>
<b>5</b>	<b>2.8</b>	<b>7.4</b>	<b>5.6</b>	<b>12.5</b>	<b>23.1</b>	<b>22.2</b>	<b>50.9</b>	<b>45.6</b>	<b>17.6</b>	<b>12.3</b>
<b>6</b>	<b>5.3</b>	<b>7.3</b>	<b>3.8</b>	<b>12.6</b>	<b>18.2</b>	<b>23.9</b>	<b>41.7</b>	<b>40.9</b>	<b>31.1</b>	<b>15.2</b>
<b>7</b>	<b>1.5</b>	<b>8.9</b>	<b>6.7</b>	<b>10.5</b>	<b>8.9</b>	<b>17.8</b>	<b>37.8</b>	<b>33.1</b>	<b>45.2</b>	<b>29.7</b>
<b>8</b>	<b>4.3</b>	<b>9.2</b>	<b>2.6</b>	<b>10.3</b>	<b>17.9</b>	<b>17.7</b>	<b>36.8</b>	<b>38.0</b>	<b>38.5</b>	<b>24.9</b>
<b>9</b>	<b>2.6</b>	<b>11.3</b>	<b>9.4</b>	<b>11.8</b>	<b>21.9</b>	<b>21.1</b>	<b>40.6</b>	<b>36.7</b>	<b>25.5</b>	<b>19.2</b>
<b>10</b>	<b>10.8</b>	<b>14.3</b>	<b>6.1</b>	<b>10.9</b>	<b>13.6</b>	<b>15.9</b>	<b>36.6</b>	<b>33.4</b>	<b>32.9</b>	<b>25.5</b>



# Comparison of Somerset Hills School District's Subgroups Spring 2017, 2018, and 2019 PARCC/NJSLA Administrations: ELA 3-10 - Percentages

Subgroup	Number of Valid test Scores 2019 SHSD	> Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations
		2017 SHSD	2018 SHSD	2019 SHSD	2019 NJ
<i>White</i>	<b>782</b>	<b>73%</b>	<b>73%</b>	<b>76%</b>	<b>67%</b>
<i>Hispanic</i>	<b>236</b>	<b>34%</b>	<b>39%</b>	<b>40%</b>	<b>44%</b>
<i>Asian</i>	<b>50</b>	<b>80%</b>	<b>90%</b>	<b>96%</b>	<b>83%</b>
<i>Students with Disabilities</i>	<b>212</b>	<b>35%</b>	<b>38%</b>	<b>35%</b>	<b>22%</b>
<i>Economically Disadvantaged</i>	<b>111</b>	<b>27%</b>	<b>31%</b>	<b>33%</b>	<b>40%</b>

*\*Subgroups less than 30 students are not reported in order to protect student privacy.*

# NJ Start Strong Fall 2021 Statewide Assessment

## New NJ Statewide Assessment - the Start Strong Assessment - administered in the Fall 2021:

- Created in response to the disruption in education due to pandemic
- Satisfied the federal statewide assessment requirement for the 2020-2021 school year
- Expressly designed to inform instruction by providing educators with an early indication of the level of support students may need during current school year
- Based on a subset of prioritized prior-year academic standards. Does not capture student performance on the entire set of standards.
- Brief: 10-25 questions, 45–60 minutes.
- No CRTs (Constructed Response Tasks). Computer scored, multiple-choice and technology enhanced items - fast scoring. Question-level information is provided

# NJ Start Strong Fall 2021 Statewide Assessment

- Administered across content areas:
  - English Language Arts (ELA) grades 4–10
  - Mathematics grades 4–8, Algebra I, Geometry, Algebra II; and
  - Science grades 6, 9 & 12

Start Strong Fall 2021 assessments are **not** intended to...

- replace local assessments districts may already have in place.
- replace the spring 2022 New Jersey Student Learning Assessments (NJSLA) statewide summative assessments
- predict student performance on future summative assessments

# Start Strong Assessment Support Levels

There are three support levels for the Start Strong Assessment:

Level 1 – Strong Support May Be Needed

Level 2 – Some Support May Be Needed

**Level 3 – Less Support May Be Needed**

The Start Strong Support levels span the summative assessment scale ranges from the NJSLA:

- For ELA and Math, there are five performance levels for summative assessments.

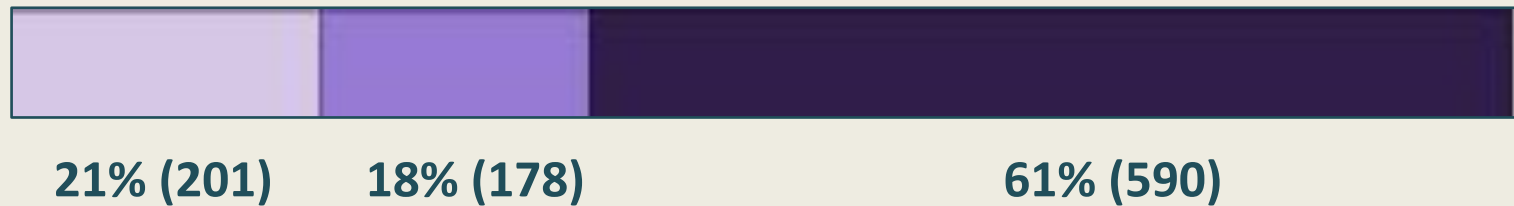
Start Strong ELA/Math	Level 1		Level 2	Level 3	
Summative Scale	Level 1	Level 2	Level 3	Level 4	Level 5

- For Science, there are four performance levels for summative assessment.

Start Strong Science	Level 1		Level 2	Level 3
Summative Scale	Level 1	Level 2	Level 3	Level 4

# NJ Start Strong Assessment Fall 2021 English Language Arts

## Grades 4 - 10



**Level 1 – Strong Support May Be Needed**

**Level 2 – Some Support May Be Needed**

**Level 3 – Less Support May Be Needed**

# SHSD Fall 2021 Start Strong Assessment Results

## English Language Arts

Grade	Number of Valid Scores	Level 1, Strong Support May Be Needed (%)	Level 2, Some Support May Be Needed (%)	Level 3, Less Support May Be Needed (%)	Levels 3, (%) State, Fall 2020*
4	93	33%	15%	52%	38%
5	114	12%	24%	64%	46%
6	121	24%	31%	45%	40%
7	116	16%	16%	68%	42%
8	115	20%	16%	65%	42%
9	196	19%	10%	71%	47%
10	221	23%	20%	57%	57%

\*Note: NJSS data is not available for comparison from Fall 2021 administration. Fall 2020 data for New Jersey is based on approximately 5,000 students per grade level (5%). NJ conducted the Fall 2020 Start Strong assessment as an optional pilot.

# SHSD Fall 2021 Start Strong Assessment Results

## English Language Arts

Grade	Level 1, <i>Strong Support May Be Needed</i>	Level 1, <i>Strong Support May Be Needed</i>	Level 2, <i>Some Support May Be Needed</i>	Level 2, <i>Some Support May Be Needed</i>	Level 3, <i>Less Support May Be Needed</i>	Levels 3, <i>Less Support May Be Needed</i>
	SHSD 2021	NJ 2020	SHSD 2021	NJ 2020	SHSD 2021	NJ 2020
4	33%	41%	15%	21%	52%	38%
5	12%	29%	24%	24%	64%	46%
6	24%	35%	31%	25%	45%	40%
7	16%	31%	16%	27%	68%	42%
8	20%	39%	16%	19%	65%	42%
9	19%	39%	10%	15%	71%	47%
10	23%	25%	20%	18%	57%	57%

\*Note: NJSS data is not available for comparison from Fall 2021 administration. Fall 2020 data for New Jersey is based on approximately 5,000 students per grade level (5%). NJ conducted the Fall 2020 assessment as an optional pilot.

## Comparison of Somerset Hills School District's Subgroups Spring 2017, 2018, 2019 PARCC/NJSLA Administrations and Fall 2021 Start Strong Administration: ELA 3-10 - Percentages

Subgroup	Number of Valid test Scores 2019 SHSD	> Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations	START STRONG FALL 2021 LEVEL 3 Less Support May Be Needed	≥ Level 4 Met or Exceeded Expectations
		2017 SHSD	2018 SHSD	2019 SHSD		2019 NJ
<i>White</i>	<b>782</b>	<b>73%</b>	<b>73%</b>	<b>76%</b>	<b>67%</b>	<b>67%</b>
<i>Hispanic</i>	<b>236</b>	<b>34%</b>	<b>39%</b>	<b>40%</b>	<b>40%</b>	<b>44%</b>
<i>Asian</i>	<b>50</b>	<b>80%</b>	<b>90%</b>	<b>96%</b>	<b>76%</b>	<b>83%</b>
<i>Students with Disabilities</i>	<b>212</b>	<b>35%</b>	<b>38%</b>	<b>35%</b>	<b>36%</b>	<b>22%</b>
<i>Economically Disadvantaged</i>	<b>111</b>	<b>27%</b>	<b>31%</b>	<b>33%</b>	<b>30%</b>	<b>40%</b>

*\*Subgroups less than 30 students are not reported in order to protect student privacy.*



# Fall 2021 SHSD Local Assessment: i-Ready Diagnostic in Reading

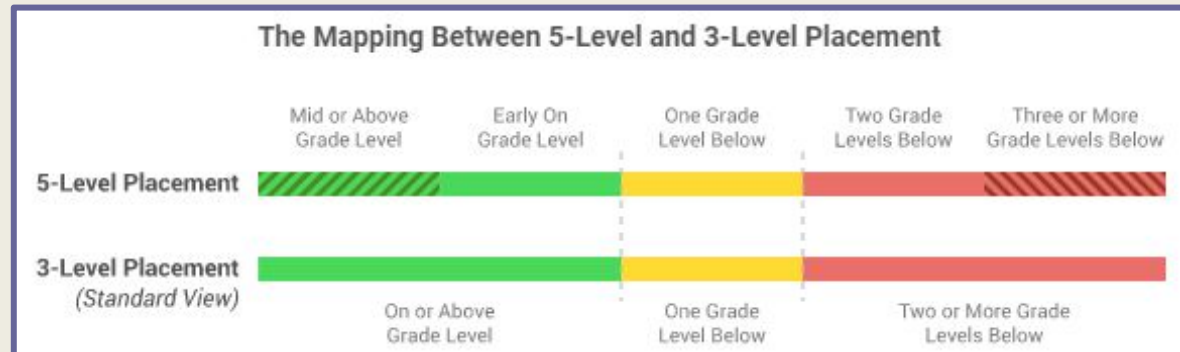
- Grades K-8 in-house diagnostic assessment with rich student performance data reports and multiple tools and guidance for remediation
- Adaptive; assesses a broad range of skills in every domain, including skills above and below a student's chronological grade
- Identifies the specific skills students need to learn to accelerate their growth, identifies weaknesses and unfinished learning
- Administered at three time points during the school year: typically during fall, winter, and spring
- Based on industry-leading research into assessment design and backed by extensive validity evidence
- Monitors both student performance and growth

# Fall 2021 SHSD Local Assessment: i-Ready Diagnostic in Reading

The i-Ready diagnostic provides **five** criterion-referenced grade-level placements / student performance levels:

- **Level 1: Three or More Grade Levels Below**
- **Level 2: Two Grade Levels Below**
- **Level 3: One Grade Level Below**
- **Level 4: Early On Grade Level**
- **Level 5: Mid or Above Grade Level**

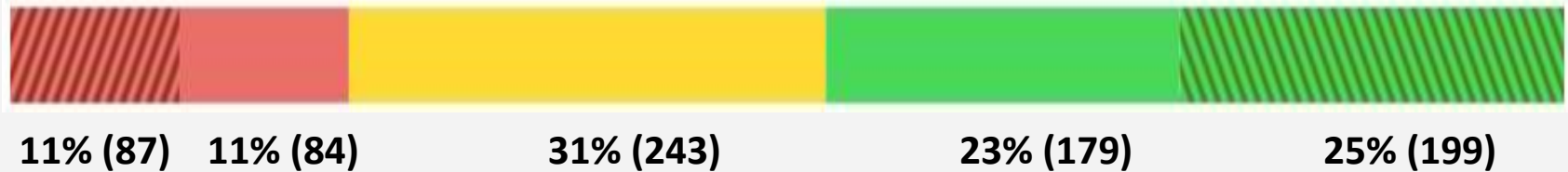
*Typical Fall Report (Sample):*



In the beginning of the year students *have not been exposed to grade-level material yet*. Students who are **“One Grade Level Below”** on their First Diagnostic Window are performing consistently with students who have just begun their academic year.

# Local Assessment: *i-Ready Reading* Fall 2021

## Grades 1-8



- **Level 1: Three or More Grade Levels Below**
- **Level 2: Two Grade Levels Below**
- **Level 3: One Grade Level Below**
- **Level 4: Early On Grade Level**
- **Level 5: Mid or Above Grade Level**

# Somerset Hills School District's Fall 2021 i-Ready Reading

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4&5, District	Levels 4&5, State
3	82	6%	13%	22%	35%	23%	58%	43%
4	89	12%	2%	28%	21%	36%	57%	29%
5	112	9%	16%	29%	25%	21%	46%	29%
6	118	15%	8%	25%	28%	24%	52%	29%
7	110	19%	11%	17%	26%	26%	52%	31%
8	111	20%	8%	13%	23%	37%	60%	35%

\*\* NJ Sample: approximately 12,000 per grade level or 12% of NJ students

# Comparison of Somerset Hills School District's Fall 2021 i-Ready Reading Administration to New Jersey

Grade	Level 1,	Level 1,	Level 2,	Level 2,	Level 3,	Level 3,	Level 4,	Level 4,	Level 5,	Level 5,
	SHSD	NJ	SHSD	NJ	SHSD	NJ	SHSD	NJ	SHSD	NJ
<b>3</b>	<b>6%</b>	<b>12%</b>	<b>13%</b>	<b>23%</b>	<b>22%</b>	<b>22%</b>	<b>35%</b>	<b>25%</b>	<b>23%</b>	<b>18%</b>
<b>4</b>	<b>12%</b>	<b>20%</b>	<b>2%</b>	<b>11%</b>	<b>28%</b>	<b>40%</b>	<b>21%</b>	<b>15%</b>	<b>36%</b>	<b>14%</b>
<b>5</b>	<b>9%</b>	<b>19%</b>	<b>16%</b>	<b>24%</b>	<b>29%</b>	<b>28%</b>	<b>25%</b>	<b>17%</b>	<b>21%</b>	<b>12%</b>
<b>6</b>	<b>15%</b>	<b>33%</b>	<b>8%</b>	<b>15%</b>	<b>25%</b>	<b>23%</b>	<b>28%</b>	<b>12%</b>	<b>24%</b>	<b>17%</b>
<b>7</b>	<b>19%</b>	<b>38%</b>	<b>11%</b>	<b>12%</b>	<b>17%</b>	<b>19%</b>	<b>26%</b>	<b>16%</b>	<b>26%</b>	<b>15%</b>
<b>8</b>	<b>20%</b>	<b>41%</b>	<b>8%</b>	<b>7%</b>	<b>13%</b>	<b>18%</b>	<b>23%</b>	<b>18%</b>	<b>37%</b>	<b>17%</b>

\*\* NJ Sample: approximately 12,000 per grade level or 12% of NJ students from Fall 2021

# ELA: Observations on Student Learning

- We continue to outperform the State in all grades 3 through 10
- As expected, students experienced some unfinished learning due to the health-related school disruption
- Data to compare subgroups' performance with the current statewide achievements is insufficient
- When considering NJ Start Strong results, some grade levels seemed to be more impacted by school disruption than others
- Additional internal benchmarks (TC reading level and writing rubric assessments) that are not presented here complement NJSLA, NJ Start Strong, and i-Ready results to inform instruction

# ELA: Next Steps

- Continue existing/develop additional summer and extended day programming for identified students, appropriately leveraging all available funding (Title funds, ESSER II/ARP monies)
- Supervisors will examine the performance of underperforming subgroups to design targeted interventions
- Intervention & Referral Services (I&RS) teams will use data to support decision-making
- Analysis of student testing data informs administrative and certified staff goals, and targets professional learning
- Supervisors turnkey effective learning acceleration approaches to staff
- Continue to fund and explore mechanisms of formative assessment
- Continue *Sheltered Instruction Observation Protocol (SIOP)* training to support English Language Learners

# MATHEMATICS DATA



# New Jersey's Statewide Assessment Program - NJSLA

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Due to health-related school disruptions and closures, in the 2019-2020 and 2020-2021 school years **NJSLA assessments were not administered.**

# Somerset Hills School District's

## Spring 2019 NJSLA Administrations

### Mathematics - Percentages for 2019

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4&5 SHSD	Levels 4&5 State
3	113	5.3%	10.6%	15.9%	58.4%	9.7%	68.1%	55.1%
4	109	3.7%	7.3%	20.2%	64.2%	4.6%	68.8%	51.0%
5	112	5.4%	8.9%	26.8%	42.9%	16.1%	58.9%	46.8%
6	132	4.6%	17.4%	18.2%	49.2%	10.6%	59.8%	40.6%
7	130	3.1%	11.5%	23.1%	41.5%	20.8%	62.3%	42.1%
8*	41	24.4%	24.4%	36.6%	14.6%	0.0%	14.6%	29.3%
Algebra I	202	8.9%	18.8%	19.3%	43.6%	9.4%	53.0%	43.3%
Geometry	184	5.4%	15.8%	34.2%	34.2%	10.3%	44.6%	32.2%
Algebra II**	116	9.5%	16.4%	28.4%	40.5%	5.2%	45.7%	56.3%

\*Some students in grade 8 participated in the Algebra I assessment in place of the 8th grade Math assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole.

\*\* NJSLA 2019 assessments were optional for 11th Grade students. State and SHSD results do not include grade 11.

Note: Percentages may not total 100 due to rounding.

# Comparison of Somerset Hills School District's Spring 2019 NJSLA Administrations Mathematics to New Jersey - Percentages for 2019

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
3	5.3	8.0	10.6	13.9	15.9	23.0	58.4	41.2	9.7	13.9
4	3.7	8.6	7.3	14.7	20.2	25.7	64.2	43.3	4.6	7.7
5	5.4	6.4	8.9	20.9	26.8	25.8	42.9	35.8	16.1	11.0
6	4.6	9.6	17.4	22.5	18.2	27.4	49.2	33.1	10.6	7.5
7	3.1	7.6	11.5	21.1	23.1	29.3	41.5	33.8	20.8	8.3
8*	24.4	23.3	24.4	23.1	36.6	24.3	14.6	28.2	0.0	1.1
Algebra I	8.9	9.3	18.8	26.0	19.3	21.4	43.6	37.7	9.4	5.6
Geometry	5.4	10.4	15.8	24.6	34.2	32.8	34.2	26.9	10.3	5.3
Algebra II**	9.5	10.6	16.4	11.7	28.4	21.4	40.5	49.7	5.2	6.6

## Comparison of Somerset Hills School District's Subgroups Spring 2017, 2018, and 2019 PARCC/NJSLA Administrations Mathematics 3-10 - Percentages

Subgroup	Valid test Scores 2019 SHSD	≥ Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations	≥ Level 4 Met or Exceeded Expectations
		2017 SHSD	2018 SHSD	2019 SHSD	2019 NJ
<i>White</i>	783	<b>57%</b>	<b>60%</b>	<b>63%</b>	<b>54%</b>
<i>Hispanic</i>	258	<b>24%</b>	<b>24%</b>	<b>28%</b>	<b>28%</b>
<i>Asian</i>	50	<b>80%</b>	<b>75%</b>	<b>78%</b>	<b>77%</b>
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Level 1 – Strong Support May Be Needed

Level 2 – Some Support May Be Needed

**Level 3 – Less Support May Be Needed**

The Start Strong Support levels span the summative assessment scale ranges from the NJSLA:

- For ELA and Math, there are five performance levels for summative assessments.

Start Strong ELA/Math	Level 1		Level 2	Level 3	
Summative Scale	Level 1	Level 2	Level 3	Level 4	Level 5

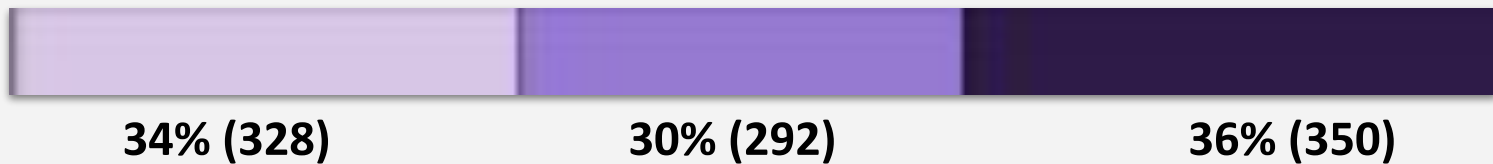
- For Science, there are four performance levels for summative assessment.

Start Strong Science	Level 1		Level 2	Level 3
Summative Scale	Level 1	Level 2	Level 3	Level 4



# NJ Start Strong Assessment Fall 2021 Mathematics

## Grades 4-8, Algebra 1, Geometry, Algebra 2



**Level 1 – Strong Support May Be Needed**

**Level 2 – Some Support May Be Needed**

**Level 3 – Less Support May Be Needed**

# SHSD Fall 2021 Start Strong Assessment Results

## Mathematics

Grade	Number of Valid Scores	Level 1, Strong Support May Be Needed (%)	Level 2, Some Support May Be Needed (%)	Level 3, Less Support May Be Needed (%)	Levels 3, State (%) <i>Fall 2020*</i>
4	97	30%	21%	49%	32%
5	116	30%	36%	34%	29%
6	121	45%	25%	30%	28%
Geometry	183	29%	34%	37%	37%

Note: As a result of individual course pathways in Mathematics in grades 7 and above, the content of the Start Strong assessment taken accurately reflects all students' previous Math course taken only in grades 4-6.

Note: NJSS data is not available for comparison from Fall 2021 administration. Fall 2020 data for New Jersey is based on approximately 3,000-5,000 students per grade level (3-5%). Fall 2020 assessment was optional.

# Special Information for High School Start Strong Mathematics Assessment

*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.

The Start Strong Assessment for Algebra 1 contains more items from the Grade 8 learning standards relevant to algebraic concepts, and the Start Strong Assessment for Geometry contains more items from the Grade 8 learning standards relevant to geometry concepts.

*Approximately 40% of SHSD students are taking Algebra 1 course are in grades 7 or 8 and 60% in grades 9-11.*

*Approximately 53% of grade 8 BMS students are taking Algebra 1 course, 5% - Geometry and approximately 42% are taking grade-level Math 8 course.*

# SHSD Fall 2021 Start Strong Assessment Results

## Mathematics

Grade	Number of Valid Scores	Level 1, Strong Support May Be Needed (%)	Level 2, Some Support May Be Needed (%)	Level 3, Less Support May Be Needed (%)	Levels 3, State (%) <i>Fall 2020*</i>
4	97	30%	21%	49%	32%
5	116	30%	36%	34%	29%
6	121	45%	25%	30%	28%
7**	111	33%	52%	26%	34%
8**	49	41%	43%	16%	27%
Algebra 1**	183	54%	26%	20%	36%
Geometry	183	29%	34%	37%	37%
Algebra 2**	110	4%	15%	81%	54%

Note: NJSS data is not available for comparison from Fall 2021 administration. Fall 2020 data for New Jersey is based on approximately 3,000-5,000 students per grade level (3-5%). NJ conducted the Fall 2020 Start Strong assessment as an optional pilot.

# Comparison of Somerset Hills School District's Subgroups Spring 2017, 2018, 2019 PARCC/NJSLA Administrations and Fall 2021 Start Strong Administration: Math 3-10 - Percentages

<b>Subgroup</b>	<b>Number of Valid Scores 2019 SHSD</b>	<b>≥ Level 4 Met or Exceeded Expectations 2017 SHSD</b>	<b>≥ Level 4 Met or Exceeded Expectations 2018 SHSD</b>	<b>≥ Level 4 Met or Exceeded Expectations 2019 SHSD</b>	<b>START STRONG FALL 2021 LEVEL 3 Less Support May Be Needed</b>	<b>≥ Level 4 Met or Exceeded Expectations 2019 NJ</b>
<i>White</i>	783	57%	60%	63%	41%	54%
<i>Hispanic</i>	258	24%	24%	28%	14%	28%
<i>Asian</i>	50	80%	75%	78%	65%	77%
<i>Students with Disabilities</i>	212	30%	27%	30%	15%	17%
<i>Economically Disadvantaged</i>	121	17%	21%	21%	8%	26%

*\*Subgroups less than 30 students are not reported in order to protect student privacy.*

# Fall 2021 SHSD Local Assessment: i-Ready Diagnostic in Mathematics

- Grades K-8 in-house diagnostic assessment with rich student performance data reports and multiple tools and guidance for remediation
- Adaptive; assesses a broad range of skills in every domain, including skills above and below a student's chronological grade
- Identifies the specific skills students need to learn to accelerate their growth, identifies weaknesses and unfinished learning
- Administered at three time points during the school year: typically during fall, winter, and spring
- Based on industry-leading research into assessment design and backed by extensive validity evidence
- Monitors both student performance and growth

# Fall 2021 SHSD Local Assessment: i-Ready Diagnostic in Mathematics

The i-Ready diagnostic provides **five** criterion-referenced grade-level placements / student performance levels:

- **Level 1: Three or More Grade Levels Below**
- **Level 2: Two Grade Levels Below**
- **Level 3: One Grade Level Below**
- **Level 4: Early On Grade Level**
- **Level 5: Mid or Above Grade Level**

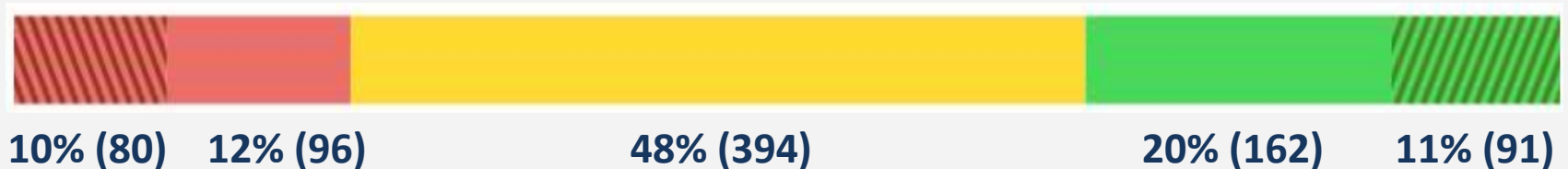
*Typical Fall Report (Sample):*



In the beginning of the year students *have not been exposed to grade-level material yet*. Students who are **“One Grade Level Below”** on their First Diagnostic Window are performing consistently with students who have just begun their academic year.

# Local Assessment: *i-Ready Mathematics* Fall 2021

## Grades 1-8



- **Level 1: Three or More Grade Levels Below**
- **Level 2: Two Grade Levels Below**
- **Level 3: One Grade Level Below**
- **Level 4: Early On Grade Level**
- **Level 5: Mid or Above Grade Level**



# Somerset Hills School District's Fall 2021 i-Ready Mathematics

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4&5, District	Levels 4&5, State
3	89	6%	17%	54%	15%	9%	24%	11%
4	97	13%	11%	44%	17%	14%	31%	16%
5	118	8%	8%	46%	24%	15%	39%	20%
6	122	13%	15%	43%	21%	8%	29%	23%
7	114	12%	8%	46%	24%	10%	34%	20%
8	112	21%	8%	29%	27%	15%	42%	21%

\*\* NJ Sample: approximately 15,000 per grade level or 15% of NJ students

# Comparison of Somerset Hills School District's Fall 2021 i-Ready Math Administration to New Jersey

Grade	Level 1,	Level 1,	Level 2,	Level 2,	Level 3,	Level 3,	Level 4,	Level 4,	Level 5,	Level 5,
	SHSD	NJ	SHSD	NJ	SHSD	NJ	SHSD	NJ	SHSD	NJ
<b>3</b>	<b>6%</b>	<b>16%</b>	<b>17%</b>	<b>28%</b>	<b>54%</b>	<b>45%</b>	<b>15%</b>	<b>8%</b>	<b>9%</b>	<b>3%</b>
<b>4</b>	<b>13%</b>	<b>22%</b>	<b>11%</b>	<b>20%</b>	<b>44%</b>	<b>42%</b>	<b>17%</b>	<b>11%</b>	<b>14%</b>	<b>5%</b>
<b>5</b>	<b>8%</b>	<b>24%</b>	<b>8%</b>	<b>17%</b>	<b>46%</b>	<b>40%</b>	<b>24%</b>	<b>13%</b>	<b>15%</b>	<b>7%</b>
<b>6</b>	<b>13%</b>	<b>26%</b>	<b>15%</b>	<b>17%</b>	<b>43%</b>	<b>33%</b>	<b>21%</b>	<b>16%</b>	<b>8%</b>	<b>7%</b>
<b>7</b>	<b>12%</b>	<b>32%</b>	<b>8%</b>	<b>13%</b>	<b>46%</b>	<b>33%</b>	<b>24%</b>	<b>15%</b>	<b>10%</b>	<b>5%</b>
<b>8</b>	<b>21%</b>	<b>36%</b>	<b>8%</b>	<b>13%</b>	<b>29%</b>	<b>31%</b>	<b>27%</b>	<b>13%</b>	<b>15%</b>	<b>8%</b>

\*\* NJ Sample: approximately 15,000 per grade level or 15% of NJ students from Fall 2021

# Math: Observations on Student Learning

- As expected, students experienced some unfinished learning due to the health-related school disruption
- All subgroups experienced unfinished learning, but data to compare subgroups' performance with the current statewide achievements is insufficient
- We continue to outperform the State in most grades, but assessment results seem to indicate that some grade levels may have been more impacted by school disruption than others
- The impact of the health-related closures on K–12 student learning in Mathematics was more-considerable than the impact in ELA
- Roughly a third to a half of students across the grade levels seem to be on the cusp of meeting expectations

# Mathematics: Next Steps

- To address individual needs, ensure that all teachers are utilizing and monitoring student performance on i-Ready Math *MyPath* to the greatest extent practical
- Continue to research potential benefits in curricular changes in mathematics, prioritizing grades 6-8
- Continue to identify and implement opportunities to expand time for mathematics instruction in BMS
- Supervisor will work with teachers to target unfinished learning by stressing coherence in the Math standards (i.e. what students are to know from year to year in order to master a concept) to promote learning acceleration and support students in their grade-level instruction
- Continue existing/develop additional summer and extended day programming for identified students, appropriately leveraging all available funding (Title funds, ESSER II/ARP monies)
- Supervisors will examine the performance of underperforming subgroups to design targeted interventions
- Intervention & Referral Services (I&RS) teams will use data to support decision-making
- Analysis of student testing data informs administrative and certified staff goals, and targets professional learning
- Supervisors turnkey effective learning acceleration approaches to staff
- Continue to fund and explore mechanisms of formative assessment
- Continue *Sheltered Instruction Observation Protocol (SIOP)* training to support English Language Learners

# SCIENCE DATA

# Somerset Hills School District's

Spring 2019 NJSLA Administrations

Science - Percentages for 2019

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Levels 3&4 SHSD	Levels 3&4 State
5	111	15.3%	38.7%	36.9%	9.0%	45.9%	29.2%
8	122	18.0%	47.5%	22.1%	12.3%	34.4%	19.8%
11	198	30.3%	31.3%	28.8%	9.6%	38.4%	27.3%

*students whose score places them in Level 3 are described as having “demonstrated appropriate grade-level understanding of the New Jersey Student Learning Standards–Science”*

# Somerset Hills School District's

## Spring 2019 NJSLA Administrations

### Science - Percentages for 2019

Grade	Level 1 SHSD	Level 1 NJ	Level 2 SHSD	Level 2 NJ	Level 3 SHSD	Level 3 NJ	Level 4 SHSD	Level 4 NJ
5	15.3%	34.8%	38.7%	38.0%	36.9%	22.7%	9.0%	6.6%
8	18.0%	35.7%	47.5%	44.5%	22.1%	15.3%	12.3%	4.5%
11	30.3%	49.1%	31.3%	23.6%	28.8%	19.5%	9.6%	7.8%

*students whose score places them in Level 3 are described as having “demonstrated appropriate grade-level understanding of the New Jersey Student Learning Standards–Science”*

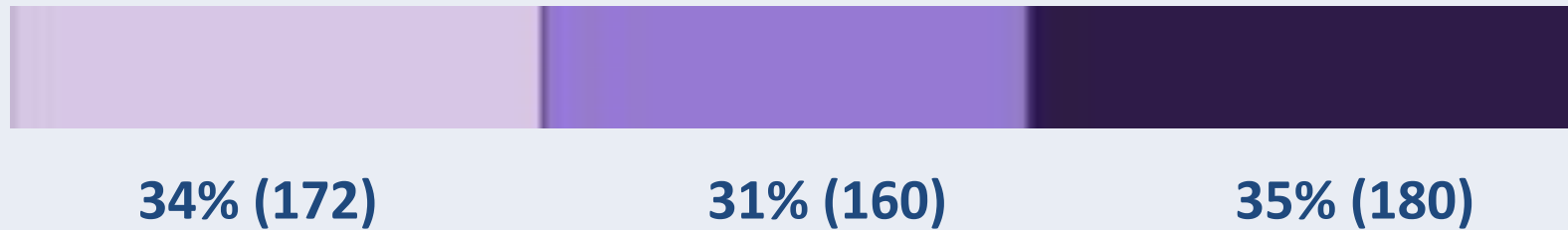
# Comparison of Somerset Hills School District's Subgroups Spring 2019 NJSLA-Science Administration - Percentages

Subgroup	Valid test Scores 2019 SHSD	≥ Level 3 Met or Exceeded Expectations 2019 SHSD	≥ Level 3 Met or Exceeded Expectations 2019 NJ
<i>White</i>	309	44.7%	32.5%
<i>Hispanic</i>	85	15.3%	11.9%
<i>Asian</i>	24	58.3%	53.8%
<i>Students with Disabilities</i>	76	25%	7.0%
<i>Economically Disadvantaged</i>	42	9.5%	10.0%



# NJ Start Strong Assessment Fall 2021 Science

## Science 6, 9, and 12



**Level 1 - Strong Support May Be Needed**

**Level 2 - Some Support May Be Needed**

**Level 3 - Less Support May Be Needed**

# SHSD Fall 2021 Start Strong Assessment Results Science

Grade / Test code	Number of Valid Scores	Level 1, Strong Support May Be Needed (%)	Level 2, Some Support May Be Needed (%)	Level 3, Less Support May Be Needed (%)	Levels 3, State (%) <i>Fall 2020*</i>
<b>6 / SC05</b>	<i>121</i>	<b>30%</b>	<b>39%</b>	<b>31%</b>	<b>17%</b>
<b>9 / SC08</b>	<i>201</i>	<b>30%</b>	<b>41%</b>	<b>29%</b>	<b>9%</b>
<b>12 / SC11</b>	<i>190</i>	<b>39%</b>	<b>16%</b>	<b>44%</b>	<b>25%</b>

\*Note:

NJSS data is not available for comparison from Fall 2021 administration. Fall 2020 data for New Jersey is based on approximately 4,000 students per grade level (4%)

# SHSD Fall 2021 Start Strong Assessment Results Science

Grade / Test code	Level 1, <i>Strong Support May Be Needed</i>	Level 1, <i>Strong Support May Be Needed</i>	Level 2, <i>Some Support May Be Needed</i>	Level 2, <i>Some Support May Be Needed</i>	Level 3, <i>Less Support May Be Needed</i>	Levels 3, <i>Less Support May Be Needed</i>
	SHSD 2021	NJ 2020	SHSD 2021	NJ 2020	SHSD 2021	NJ 2020
6 / SC05	30%	57%	39%	26%	31%	17%
9 / SC08	30%	57%	41%	34%	29%	9%
12 / SC11	39%	54%	16%	20%	44%	25%

\*Note:  
 NJSS Science data is not available for comparison from Fall 2021 administration.  
 Fall 2020 data for New Jersey is based on approximately 4,000 students per grade level (4%)

# Comparison of Somerset Hills School District's Subgroups Spring 2019 NJSLA-Science Administration - Percentages

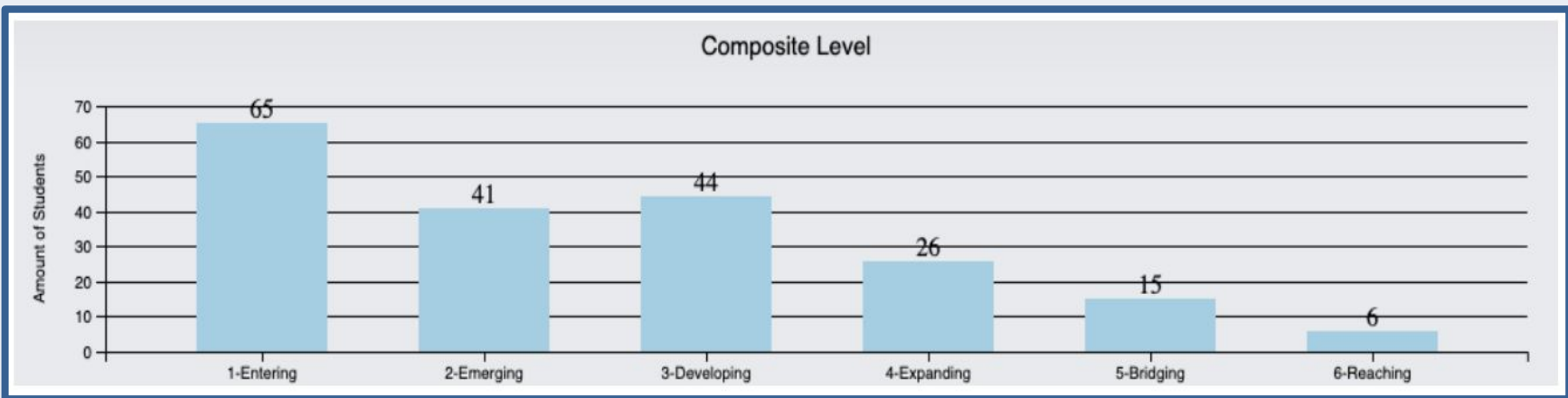
Subgroup	Valid test Scores 2019 SHSD	≥ Level 3 Met or Exceeded Expectations 2019 SHSD	<i>START STRONG FALL 2021 LEVEL 3 Less Support May Be Needed</i>	≥ Level 3 Met or Exceeded Expectations 2019 NJ
<i>White</i>	309	44.7%	41%	32.5%
<i>Hispanic</i>	85	15.3%	14%	11.9%
<i>Asian</i>	24	58.3%	59%	53.8%
<i>Students with Disabilities</i>	76	25%	17%	7.0%
<i>Economically Disadvantaged</i>	42	9.5%	12%	10.0%

# ACCESS 2.0 DATA

# ACCESS 2.0 2021 Data

ACCESS for ELLs is an English language proficiency test that measures students' academic English language skills.

Language Domain	
Listening	
Speaking	
Reading	
Writing	



# Spring 2022 New Jersey State Testing (NJSLA and NJGPA)

**NJSLA-ELA and Math** Spring Administration, grades 3 through 9 -  
April 25, 2022 to June 3, 2022

**New Jersey Graduation Proficiency Assessment (NJGPA)**, grade 11 -  
March 14, 2022 to March 18, 2022

**NJSLA-Science** Administration Grades 5, 8 and 11 -  
April 25, 2022 to June 3, 2022

# Start Strong Individual Student Reports (ISRs)

- Printed copies of the NJ Start Strong Individual Student Reports are scheduled to be delivered to districts on December 14, 2021.
- Once districts receive the ISRs, a copy will be mailed home to parents/guardians within 30 days.
- Video ISRs, which walk parents through the information on their students' ISRs, will be released on December 17, 2021 in the [NJ Parent Portal](#).

