

New Jersey Student Learning Assessment Results

Somerset Hills School District

October 19, 2022



Presentation Overview

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

- Most recent available district's state assessment performance data - Spring 2022 (ELA grades 3-9, Math grades 3-8, Algebra 1, Geometry, and Algebra 2, and Science grades 5, 8, and 11)
- Analysis within each data set
- Multi-year trends and subgroups' performance (disaggregated)
- Observations on student learning
- Next steps

Additional Statewide Assessments

Additional required statewide assessments are:

- **NJGPA:** Graduation Proficiency Assessment (ELA and Math) - grade 11 - new graduation requirement, to first impact Class of 2024
- **Start Strong** for grades 4-10 ELA and 4-8 Math, 9 and 12 Science, and any student enrolled in Algebra I, Algebra II, and Geometry - administered in Fall of 2021 and Fall of 2022

Additional assessments for selected students:

- **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.

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 3–9**
- **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

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

ENGLISH LANGUAGE ARTS DATA

Somerset Hills School District's Spring 2022 NJSLA Administration English Language Arts Percentages 2022

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4&5 SHSD
3	89	9.0%	14.6%	18%	47.2%	11.2%	58.4%
4	94	10.6%	9.6%	7.4%	33%	39.4%	72.3%
5	114	5.3%	7.9%	16.7%	60.5%	9.6%	70.2%
6	120	5.8%	6.7%	18.3%	52.5%	16.7%	69.2%
7	113	2.7%	6.2%	17.7%	38.9%	34.5%	73.5%
8	116	4.3%	3.4%	6.0%	35.3%	50.9%	86.2%
9	187	3.7%	11.2%	14.4%	45.5%	25.1%	70.6%

Somerset Hills School District's Spring 2022 NJSLA Administration English Language Arts - Comparison to State Averages

Grade	Levels 1&2		Level 3		Levels 4&5	
	SHSD	State	SHSD	State	SHSD	State
3	20.2%	28.7%	18.0%	22.0%	58.4%	42.4%
4	23.6%	35.6%	7.4%	21.9%	72.3%	49.4%
5	13.2%	27.2%	16.7%	23.2%	70.2%	49.6%
6	12.5%	26.2%	18.3%	26.3%	69.2%	47.5%
7	8.9%	25.8%	17.7%	21.5%	73.5%	52.7%
8	7.7%	27.5%	6.0%	21.2%	86.2%	51.3%
9	14.9%	27.5%	14.45%	23.6%	70.6%	48.9%

Trends and Comparison of Somerset Hills School District's Subgroups Spring 2017-2019, 2022 NJSLA Administrations: ELA 3-9* - Percentages

Subgroup	Valid test Scores 2019 / 2022 SHSD	Levels 4&5 2017 SHSD	Levels 4&5 2018 SHSD	Levels 4&5 2019 SHSD	Levels 4&5 2022 SHSD	Levels 4&5 2019 State
<i>White</i>	782/560	73%	73%	76%	78%	67%
<i>Hispanic</i>	236/191	34%	39%	40%	48%	44%
<i>Asian</i>	50/33	80%	90%	96%	91%	83%
<i>Students with Disabilities</i>	212/176	35%	38%	35%	40%	22%
<i>Economically Disadvantaged</i>	111/101	27%	31%	33%	33%	40%

*Note: * Valid test scores from 2019 are inclusive of Grade 10
Subgroups included are those with over 30 students
2022 statewide subgroup performance is not yet available for comparison*

ELA: Observations on student learning

- Despite the pandemic, academic performance on ELA NJSLA from 2017 to 2022 for all reported subgroups consistently trend upwards
- Outstanding results should be noted in Grade 8, where over 86% of students achieved a level 4 or 5 result, with 50% of those students performing at a level 5 (Exceeding expectations).
- SHSD continues to outperform the state in ELA in all grades 3 through 9
- Additional internal benchmarks (TC reading level and writing rubric assessments, i-Ready, NJ Start Strong) that are not presented here provide additional metrics supporting student learning.

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)
- Intervention & Referral Services (I&RS) teams will use data to support decision-making
- Analysis of student testing data informs certified staff goals and targets professional learning
- Expand implementation of reliable formative assessments (e.g. *CommonLit*)
- Continue *Sheltered Instruction Observation Protocol (SIOP)* training to support English Language Learners

MATHEMATICS DATA

Somerset Hills School District's Spring 2022 NJSLA Administrations Mathematics - Percentages for 2022

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4&5 SHSD
3	89	9.0%	12.4%	19.1%	43.8%	15.7%	59.6%
4	97	8.2%	13.4%	18.6%	39.2%	20.6%	59.8%
5	116	4.3%	17.2%	26.7%	46.6%	5.2%	51.7%
6	121	5.8%	17.4%	27.3%	43.0%	6.6%	49.6%
7	108	3.7%	14.8%	24.1%	47.2%	10.2%	57.4%
8*	52	30.8%	26.9%	25.0%	17.3%	0.0%	17.3%
Algebra I	173	15.6%	15.6%	19.3%	45.1%	4.6%	49.7%
Geometry**	84	0.0%	1.2%	23.8%	59.5%	15.5%	75.0%
Algebra II**	9	0.0%	0.0%	0.0%	66.7%	33.3%	100.0%

- Math 7 and 8 outcomes are not representative of grades 7 and 8 performance as a whole, as numerous students in these grades participated in the Algebra I or Geometry assessment in place of the 7th or 8th grade Math assessment.
- **Geometry and Algebra II assessments were optional for 10th and 11th grade students and results for those grades are not included here.**

Note: Percentages may not total 100 due to rounding.

Somerset Hills School District's Spring 2022 NJSLA Administrations Mathematics - Comparison to State Averages

Grade	Levels 1&2		Level 3		Levels 4&5	
	SHSD	State	SHSD	State	SHSD	State
3	21.4%	31.6%	19.1%	23.0%	59.6%	45.4%
4	21.6%	35.7%	18.6%	24.8%	59.8%	39.4%
5	21.5%	38.1%	26.7%	25.9%	51.7%	36.1%
6	23.2%	40.2%	27.3%	28.5%	49.6%	31.3%
7	18.5%	34.5%	24.1%	31.5%	57.4%	34.1%
8*	57.7%	62.3%	25.0%	22.3%	17.3%	15.4%
Algebra I	31.2%	40.5%	19.1%	24.7%	49.7%	34.8%
Geometry**	1.2%	25.8%	23.8%	30.1%	75.0%	44.0%
Algebra II**	0%	28.6%	0%	18.1%	100%	53.3%

- Math 7 and 8 outcomes are not representative of grades 7 and 8 performance as a whole, as numerous students in these grades participated in the Algebra I or Geometry assessment in place of the 7th or 8th grade Math assessment.
- **Geometry and Algebra II assessments were optional for 10th and 11th grade students and results for those grades are not included here.**

Note: Percentages may not total 100 due to rounding.

Trends and Comparison of Somerset Hills School District's Subgroups

Spring 2017-2019, 2022 NJSLA Administrations: Mathematics 3-9* - Percentages

Subgroup	Valid test Scores 2019 / 2022 SHSD	Levels 4&5 2017 SHSD	Levels 4&5 2018 SHSD	Levels 4&5 2019 SHSD	Levels 4&5 2022 SHSD	Levels 4&5 2019 State
<i>White</i>	783 / 556	57%	60%	63%	61%	54%
<i>Hispanic</i>	258 / 207	24%	24%	28%	30%	28%
<i>Asian</i>	50 / 34	80%	75%	78%	79%	77%
<i>Students with Disabilities</i>	212 / 175	30%	27%	30%	27%	17%
<i>Economically Disadvantaged</i>	121 / 111	17%	21%	21%	19%	26%

*Note: *Valid test scores from 2019 are inclusive of Grade 10*

Subgroups included are those with over 30 students

2022 statewide subgroup performance is not yet available for comparison

Math: Observations on student learning

- Consistent with outcomes across NJ, the impact of the health-related closures on K–12 student learning in Mathematics in SHSD was more-considerable than the impact in ELA.
- 50-60% of our students met or exceeded expectations in Mathematics. Additionally, roughly a quarter of students across the grade levels seem to be on the cusp of meeting expectations in Mathematics
- SHSD continues to outperform the state in Math in all grades 3 through 9
- Algebra 2 assessment data showcases success of our students in the double-accelerated Math program (two-years ahead)
- Additional internal benchmarks (i-Ready, NJ Start Strong) that are not presented here provide additional metrics supporting student learning.

Mathematics: Next steps

- Analysis of student testing data informs certified staff goals and targets professional learning
- Curriculum K-8 has been modified to tightly align with NJSL. Continue to identify and implement opportunities to expand time for mathematics instruction in BMS
- To address individual needs, ensure that all teachers are utilizing and monitoring student performance on i-Ready Math *MyPath* to the greatest extent practical
- Provide sustained professional development for new middle school math program (*Big Ideas Math*)
- Continue to fund and explore mechanisms of formative assessment. Consider how to extend *i-Ready* diagnostic to selected BHS Math courses and extend online *MyPath* lessons' opportunities to identified students at BHS
- Continue existing and develop additional summer and extended day programming for identified students, appropriately leveraging all available funding (Title funds, ESSER II/ARP monies) - after school and summer Math Labs at BMS and BHS
- Intervention & Referral Services (I&RS) teams will use data to support decision-making
- Continue *Sheltered Instruction Observation Protocol (SIOP)* training to support English Language Learners

SCIENCE DATA

New Jersey's Statewide Assessment Program - NJSLA

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 2020 and 2021 school years **NJSLA assessments were not administered.**

Somerset Hills School District's

Spring 2022 NJSLA Administrations

Science - Percentages for 2022

Grade	Number of Valid Scores	Level 1	Level 2	Level 3	Level 4	Levels 3&4 SHSD
5	117	23.3%	30.2%	34.5%	12.1%	46.6%
8	120	23.7%	39.8%	22.0%	14.4%	36.4%
11	187	29.4%	22.7%	30.1%	17.8%	47.9%

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 2022 NJSLA Administrations

Science - Comparison to State Averages

Grade	Levels 1		Level 2		Levels 3&4	
	SHSD	State	SHSD	State	SHSD	State
5	23.3%	41.6%	30.2%	32.9%	46.6%	25.5%
8	23.7%	40.9%	39.8%	43.5%	36.4%	15.6%
11	29.4%	46.2%	22.7%	24.8%	47.9%	29.0%

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”

Trends and Comparison of Somerset Hills School District's Subgroups - Spring 2019 and 2022 NJSLA Science Administration - Percentages

Subgroup	Valid test Scores 2019 / 2022 SHSD	Levels 3&4 2019 SHSD	Levels 3&4 2022 SHSD	Levels 3&4 2019 State
<i>White</i>	<i>309 / 262</i>	44.7%	50.4%	32.5%
<i>Hispanic</i>	<i>85 / 97</i>	15.3%	20.6%	11.9%
<i>Asian</i>	<i>24 / 21</i>	58.3%	61.9%	53.8%
<i>Students with Disabilities</i>	<i>76 / 80</i>	25%	26.3%	7.0%
<i>Economically Disadvantaged</i>	<i>42 / 42</i>	9.5%	11.9%	10.0%

Note: 2022 statewide subgroup performance is not yet available for comparison

Science: Observations on student learning/ Next Steps

- Despite the pandemic, academic performance on Science NJSLA from 2019 to 2022 for all tested grades and all reported subgroups trend upwards
- SHSD continues to outperform the state in Science in all tested grades
- Approximately 44% of our students met or exceeded expectations in Science. Roughly a quarter to a third of SHSD students across the grade levels seem to be on the cusp of meeting expectations
- The district will continue to research potential benefits in pursuing curricular changes in Science, as well as considering changes in the structure of assessments used in the district
- Analysis of student testing data informs certified staff goals and targets professional learning
- Continue *Sheltered Instruction Observation Protocol (SIOP)* training to support English Language Learners

2023 New Jersey State Testing Reminders (NJGPA and NJSLA)

- **New Jersey Graduation Proficiency Assessment (NJGPA),**
grade 11 - March 13, 2023 to March 17, 2023
- **New Jersey Student Learning Assessment (NJSLA)-ELA & Math,** grades 3 through 9 - May 1, 2022 to May 26, 2023
- **New Jersey Student Learning Assessment (NJSLA)-Science,** Grades 5, 8 and 11 - May 1, 2022 to May 26, 2023

Individual Student Reports

- Printed copies of the NJSLA (ELA, Math, and Science) Individual Student Reports were mailed home to parents/guardians.
- [Score Interpretation Guide for Parents](#)

