

NJSLA Results: Spring 2019 Administrations

SOMERSET COUNTY VO-TECH
DECEMBER 2021

Measuring
College and
Career
Readiness

Comparison of Somerset County's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	Change in Level 1 and 2 2017 to 2019	Change in Level 4 and 5 2017 to 2019**
9	3	4	2	7	3	11	17	13	21	37	47	34	37	33	32	+3%	-8%
10	16	11	6	14	10	3.5	22	9	10.5	20	21	42	28	49	38	-20.5%	+32%

*Grade 11 test was optional for 2018-2019 assessment year. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready. 2

Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

Comparison of Somerset County's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations Mathematics - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	Change in Level 1 and 2 2017 to 2019	Change in Level 4 and 5 2017 to 2019**
ALG I***	6	8	3	47	16	28.5	25	45	28.5	22	31	40	0	0	0	-21.5%	+18%
GEO***	8	1	8	34	28	15	23	26	33	22	25	29	14	20	15	-19%	+8%
ALG II***	28	37	17	20	23	6.5	10	3	15	34	28	57.5	8	9	4	-24.5%	+19.5%

*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. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

*** NJSLA 2018-2019 assessments were optional for 11th Grade students

Notes: Data shown is preliminary. Percentages may not total 100 due to rounding. ALG 1 is Algebra 1; GEO is Geometry; ALG II is Algebra 2.

Comparison of Somerset County's 2017 to 2019 Spring NJSLA Administrations English Language Arts – Percentage Changes

Grade	Levels 1 & 2 District Trend	Levels 1 & 2 District	Levels 1 & 2 State Trend	Levels 1 & 2 State	Level 3 District Trend	Level 3 District	Level 3 State Trend	Level 3 State	Levels 4 & 5 District Trend	Levels 4 & 5 District	Levels 4 & 5 State Trend	Levels 4 & 5 State
3			+	1.3%			-	1.1%			-	0.1%
4			+	0.7%			-	2.3%			+	1.5%
5			+	0.9%			+	0.1%			-	1.1%
6			-	1.1%			-	1.7%			+	2.8%
7			-	1.0%			-	2.7%			+	3.6%
8			-	1.2%			-	2.6%			+	3.7%
9	+	3%	-	2.5%	+	4%	-	1.8%	-	8%	+	4.4%
10	-	20.5%	-	8.9%	-	2%	-	3.6%	+	32%	+	12.5%

* NJSLA 2018-2019 assessments were optional for 11th Grade students . State Percentages do not include results for Grade 11.

- Notes: Percentages may not total 100 due to rounding.
- The plus sign (+) indicates an increase of the % change from the previous year where a minus sign (-) shows a decrease of the % change from the previous year.

Comparison of Somerset County's 2017 to 2019 Spring NJSLA Administrations Mathematics – Percentage Changes

Grade	Levels 1 & 2 District Trend	Levels 1 & 2 District	Levels 1 & 2 State Trend	Levels 1 & 2 State	Level 3 District Trend	Level 3 District	Level 3 State Trend	Level 3 State	Levels 4 & 5 District Trend	Levels 4 & 5 District	Levels 4 & 5 State Trend	Levels 4 & 5 State
3			–	0.5%			–	2.1%			+	2.6%
4			–	2.3%			–	1.4%			+	3.7%
5			+	3.2%			–	3.8%			+	0.6%
6			+	3.4%			–	0.3%			–	3.1%
7			+	0.7%			–	3.7%			+	1.6%
8			+	2.1%			–	0.4%			+	2.6%
Algebra I***	–	21.5%	+	2.0%	+	3.5%	–	3.0%	+	18%	+	1.0%
Algebra II***	–	24.5%	–	1.1%	+	5%		0.0%	+	19.5%	+	1.1%
Geometry***	–	19%	–	0.1%	+	10%	+	0.3%	+	8%	–	0.3%

*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 2018-2019 assessments were optional for 11th Grade students, state results do not include Grade 11 results.

Notes: Percentages may not total 100 due to rounding.

- The plus sign (+) indicates an increase of the % change from the previous year where a minus sign (-) shows a decrease of the % change from the previous year.

Comparison of Somerset County's Number of Students Tested Spring 2018 & Spring 2019 & Fall of 2021 NJSLA Administrations English Language Arts

Grade	Students Tested 2021	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2019 and 2021
9	60	62	78	-2
10	90	84	70	+6
Total	150	146	148	+4

**** NJSLA 2018-2019 assessments were optional for 11th Grade students.**

Note: "Students Tested" represents individual valid test scores for English Language Arts.

Comparison of Somerset County's Number of Students Tested Spring 2018 & Spring 2019 & Fall of 2021 NJSLA Administrations Mathematics

Grade	Students Tested 2021	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2021 and 2019
Algebra I**	39	35	38	+4
Algebra II**	88	47	70	+41
Geometry**	79	73	81	+6
Total	206	155	189	+51

*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 2018-2019 assessments were optional for 11th Grade students

Notes: "Students Tested" represents individual valid test scores for Mathematics.

Comparison of Somerset County's Spring 2019 NJSLA Administrations and 2021 Start Strong English Language Arts- Percentages

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
9	1.6	11.3	11.3	11.8	21	21.1	33.9	36.7	32.3	19.2
10	6	14.3	3.6	10.9	10.7	15.9	41.7	33.4	38.1	25.5
Start Strong 9	9				18		73			
Start Strong 10	16				13		71			

*Grade 11 does not include students who took an AP/IB test.

** NJSLA 2018-2019 assessments were optional for 11th Grade students, state results do not include Grade 11 results.

Notes: Percentages may not total 100 due to rounding.

COMPARISON OF SOMERSET COUNTY'S SPRING 2019 NJSLA ADMINISTRATION AND 2021 START STRONG MATHEMATICS TO NEW JERSEY - PERCENTAGES

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
Algebra I**	2.9	9.3	28.6	26.0	28.6	21.4	40	37.7	0	5.6
Algebra II**	17	10.6	6.4	11.7	14.9	21.4	57.4	49.7	4.3	6.6
Geometry**	8.2	10.4	15.1	24.6	32.9	32.8	28.8	26.9	15.1	5.3
Start Strong Algebra I	43				31		26			
Start Strong Algebra II	17				41		42			
Start Strong Geometry	33				14		53			

*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 2018-2019 assessments were optional for 11th Grade students, state results do not include Grade 11 results.

Notes: Percentages may not total 100 due to rounding. The Start Strong Assessment is graded on a different scale than the NJSLA.

Intervention Strategies

- Creation of a Math Committee to review the data and make recommendations on how to help the students.

November 2020 Update

- A math committee was formed last year before we went out.
- Recommendations were made to create math labs for the students.
- Math Labs have been implemented into this year's schedule.

2021 Update

- A paraprofessional position has been created to provide push in services for students who need help in ELA and Math
- We increased our capacity to conduct after school and summer tutoring