NJ SLA Results: Spring 2019 Administration

ESSEX SCHOOLS OF TECHNOLOGY September 2019

Measuring College and Career Readiness

Comparison of **Essex County Schools of Technology's** Spring 2017, Spring 2018, and Spring 2019 PARCC/ NJ SLA Administrations
English Language Arts/Literacy - 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	7	3	4	17	8	9	26	29	25	42	51	51	8	8	10	-11	11
10	10	9	4	15	12	9	26	23	20	41	41	46	8	16	21	-12	18

*Grade 11 does not include students who took an AP/IB test. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.
Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

Comparison of **Essex County Schools of Technology's** Spring 2017, Spring 2018 & Spring 2019 PARCC Administrations
English Language Arts/Literacy
Newark Tech - 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	13	3	2	20	9	6	15	28	25	37	51	58	16	9	9	-25	14
10	12	12	2	23	12	7	23	18	21	40	35	49	9	23	21	-26	21

*Grade 11 does not include students who took an AP/IB test. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.
Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

Comparison of **Essex County Schools of Technology's** Spring 2017, Spring 2018 & Spring 2019 PARCC Administrations
English Language Arts/Literacy
Payne Tech - 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	0	1	7	18	4	10	28	26	22	49	57	49	6	11	13	-1	7
10	10	5	6	19	12	7	30	23	19	33	46	46	9	14	22	-16	26

*Grade 11 does not include students who took an AP/IB test. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.
Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

Comparison of **Essex County Schools of Technology's** Spring 2017, Spring 2018 & Spring 2019 PARCC Administrations
English Language Arts/Literacy
West Caldwell Tech - 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	15	4	1	23	16	10	35	41	38	36	37	46	6	2	4	-27	8
10	17	12	1	13	14	20	33	22	25	30	22	40	7	15	13	-9	16

*Grade 11 does not include students who took an AP/IB test. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.
Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

Comparison of **Essex County Schools of Technology's** Spring 2017, Spring 2018 & Spring 2019 PARCC 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	9	5	5	32	16	28	38	38	32	21	39	35	0	1	1	-8	15
GEO	5	7	12	37	40	36	44	40	38	14	12	13	1	0	1	6	-1
ALG II	26	23	6	34	36	17	26	24	30	14	16	46	0	0	0	-37	32

*Approximately 30,000 New Jersey students in grade 8 participated in the PARCC Algebra I assessment. Thus, PARCC 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.
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 **Essex County Schools of Technology's** Spring 2017, Spring 2018 & Spring 2019 PARCC Administrations
Mathematics
Newark Tech - 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	9	2	3	26	11	18	35	39	36	30	45	40	1	2	3	-14	12
GEO	6	8	7	29	44	39	47	40	42	17	8	12	1	0	0	11	-6
ALG II	27	16	11	32	39	21	27	23	47	13	22	21	0	0	0	-27	8

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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 **Essex County Schools of Technology's** Spring 2017, Spring 2018 & Spring 2019 PARCC Administrations
Mathematics
Payne Tech - 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	8	7	5	35	22	30	40	33	30	17	37	34	0	0	0	-8	17
GEO	5	7	13	39	42	32	46	43	38	10	9	16	1	0	1	1	6
ALG II	29	29	0	36	33	12	25	26	20	11	12	68	0	1	0	-53	57

*Approximately 30,000 New Jersey students in grade 8 participated in the PARCC Algebra I assessment. Thus, PARCC 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.
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 **Essex County Schools of Technology's** Spring 2017, Spring 2018 & Spring 2019 PARCC Administrations
Mathematics
West Caldwell Tech - 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	24	12	6	34	27	36	34	40	28	7	22	29	0	0	0	-16	22
GEO	7	6	21	46	42	54	38	42	25	8	13	0	0	0	0	22	-8
ALG II	29	31	11	31	33	21	18	27	26	22	9	42	0	0	0	-28	20

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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 **Essex County Schools of Technology's**
2017 to 2019 Spring PARCC Administrations
English Language Arts/Literacy – 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
9	-	5	-	-1	-	-4	--	0	+	2	+	1
10	+	2	-	-5	-	-3	-	-3	+	10	+	8

*Grade 11 does not include students who took an AP/IB test.
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 (-) arrow shows a decrease of the % change from the previous year.

Comparison of **Essex County Schools of Technology's**
2017 to 2019 Spring PARCC 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
Algebra I*	+	12	+	6	+	6	-	-3	-	-4	-	-3
Algebra II	-	-36	-	-18	+	5	-	-1	+	30	+	16
Geometry	+	1	-	-4	+	2	-	-2	+	2	+	1

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

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 (-) arrow shows a decrease of the % change from the previous year.

Comparison of **Essex County Schools of Technology's**
Number of Students Tested
Spring 2018 & Spring 2019 PARCC Administrations
English Language Arts/Literacy

Grade	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2018 and 2019
9	653	672	-19
10	636	551	85
TOTAL	1289	1223	66

*Grade 11 does not include students who took an AP/IB test.
Note: "Students Tested" represents individual valid test scores for English Language Arts/Literacy.

Comparison of **Essex County Schools of Technology's**
Number of Students Tested
Spring 2018 & Spring 2019 PARCC Administrations
Mathematics

Grade	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2018 and 2019
Algebra I	537	556	-19
Algebra II	63	522	-459
Geometry	656	512	144
TOTAL	1,256	1,590	-334

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.
Notes: "Students Tested" represents individual valid test scores for Mathematics.

Comparison of **Essex County Schools of Technology's**
Spring 2019 PARCC Administrations
English Language Arts/Literacy 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
9	4	12	9	12	25	21	51	36	10	19
10	4	15	9	11	20	16	46	33	21	25

*Grade 11 does not include students who took an AP/IB test.
Notes: Percentages may not total 100 due to rounding.

Comparison of **Essex County Schools of Technology's** Spring 2019 PARCC 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
Algebra I	5	10	28	26	32	21	35	37	1	6
Algebra II	6	21	17	14	30	19	46	40	0	5
Geometry	12	11	36	25	38	32	13	26	1	5

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.
Notes: Percentages may not total 100 due to rounding.

Comparison of Newark Tech's Spring 2019 Administration English Language Arts/Literacy to Essex County Schools of Technology's Percentages in 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District	Level 5, School	Level 5, District
9	2	4	6	9	25	25	58	51	9	10
10	2	4	7	9	21	20	49	46	21	21

*Grade 11 does not include students who took an AP/IB test.
Notes: Percentages may not total 100 due to rounding.

Comparison of **Payne Tech's** Spring 2019 Administration **English Language Arts/Literacy to Essex County Schools of Technology's** Percentages in 2018

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District	Level 5, School	Level 5, District
9	7	4	10	9	22	25	49	51	13	10
10	6	4	7	9	19	20	46	46	22	21

*Grade 11 does not include students who took an AP/IB test.
Notes: Percentages may not total 100 due to rounding.

Comparison of **West Caldwell Tech's**
Spring 2019 Administration
English Language Arts/Literacy to
Essex County Schools of Technology's Percentages in 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District	Level 5, School	Level 5, District
9	1	4	10	9	38	25	46	51	4	10
10	1	4	20	9	25	20	40	46	13	21

*Grade 11 does not include students who took an AP/IB test.
Notes: Percentages may not total 100 due to rounding.

Comparison of Newark Tech's Spring 2019 Administration Mathematics to Essex County Schools of Technology's Percentages for 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District	Level 5, School	Level 5, District
Algebra I	3	5	18	28	36	32	45	35	3	1
Algebra II	11	6	21	17	47	30	22	46	0	0
Geometry	7	12	39	36	42	38	12	13	0	1

in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.
 *Some students in grade 8 participated
Notes: Percentages may not total 100 due to rounding.

Comparison of **Payne Tech's** Spring 2019 Administration **Mathematics to Essex County Schools of Technology's** Percentages for 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District	Level 5, School	Level 5, District
Algebra I	5	5	30	28	30	32	34	35	0	1
Algebra II	0	6	12	17	20	30	68	46	0	0
Geometry	21	12	54	36	25	38	0	13	0	1

in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.
 *Some students in grade 8 participated
Notes: Percentages may not total 100 due to rounding.

Comparison of **West Caldwell Tech's** Spring 2019 Administration Mathematics to **Essex County Schools of Technology's** Percentages for 2019
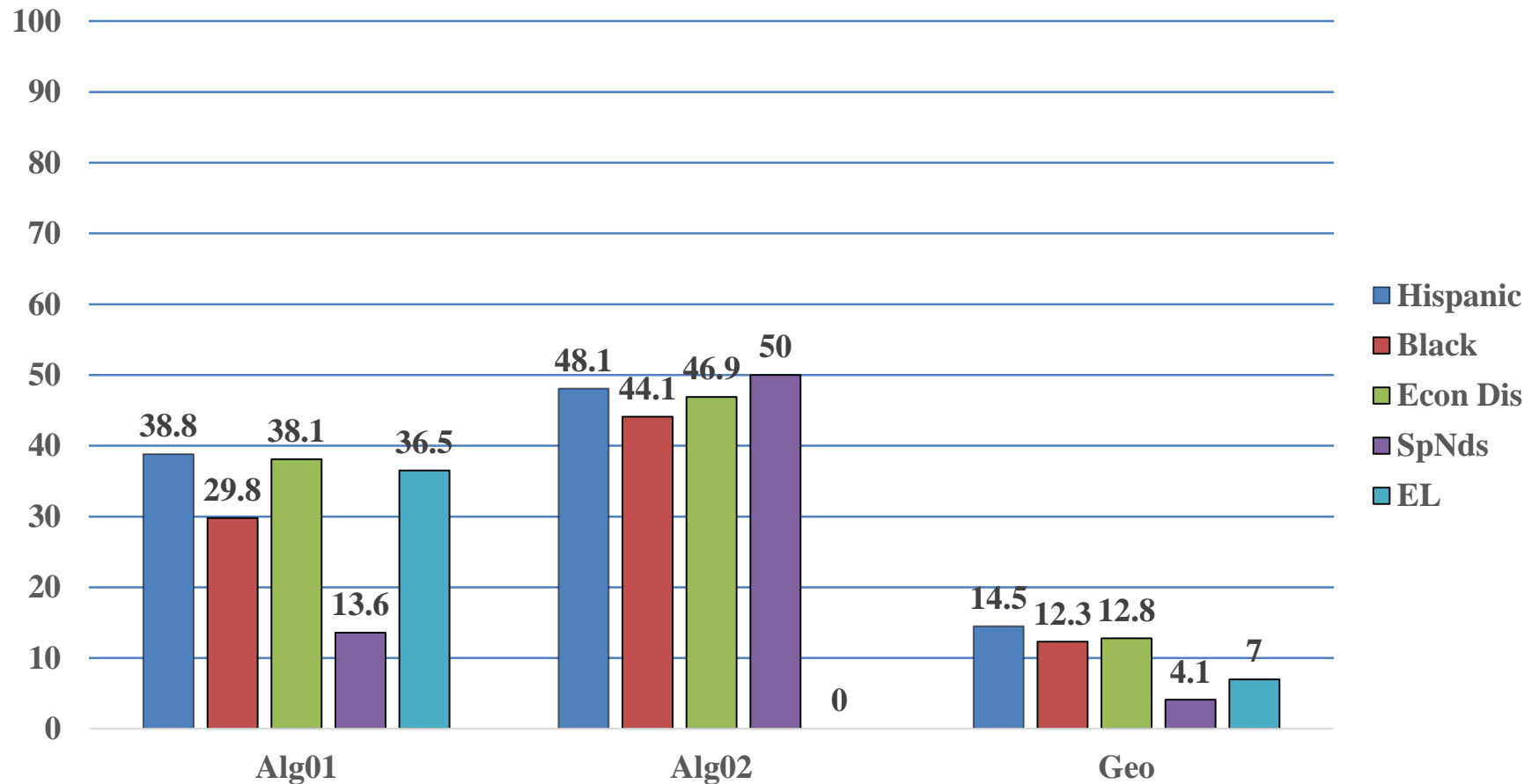
Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District	Level 5, School	Level 5, District
Algebra I	6	5	36	28	28	32	29	35	0	1
Algebra II	11	6	21	17	26	30	42	46	0	0
Geometry	21	12	54	36	25	38	0	13	0	1

in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.
 *Some students in grade 8 participated
Notes: Percentages may not total 100 due to rounding.

Comparison of Essex County Schools of Technology's
Spring 2019 NJ SLA Administrations
Mathematics – Subgroups of Students

Comparison of Essex County Schools of Technology's
Spring 2019 NJ SLA Administrations
English Language Arts – Subgroups of Students