

**PARCC Results:
Spring 2018
Administrations**

**ESSEX SCHOOLS OF
TECHNOLOGY
September 2018**

**Measuring
College and
Career
Readiness**

Comparison of **Essex County Schools of Technology's** Spring 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy - Percentages

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
9	4	7	3	13	17	8	35	26	29	44	42	51	5	8	8	-6	10
10	6	10	9	14	15	12	27	26	23	43	41	41	11	8	16	+1	+3
11*	9	3	3	16	9	8	27	26	25	43	41	51	11	8	13	-14	+3

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy **Bloomfield Tech** - Percentages

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
9	2	4	7	12	9	9	30	33	27	52	52	51	3	3	6	+2	+2
10	5	4	6	11	11	11	23	21	29	44	58	43	17	6	10	+1	-8
11*	22	0	1	21	9	9	30	18	27	23	57	54	3	17	9	-23	+37

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy **Newark Tech - Percentages**

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
9	4	13	3	15	20	9	36	15	28	39	37	51	5	16	9	-7	+16
10	7	12	12	16	23	12	27	23	18	41	40	35	10	9	23	+1	+7
11*	5	1	3	12	8	9	21	26	21	55	52	51	6	13	16	-5	+6

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy **North 13th St. Tech** - Percentages

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
9	3	0	1	9	18	4	37	28	26	48	49	57	4	6	11	+7	+16
10	7	10	5	13	19	12	29	30	23	43	33	46	9	9	14	-3	+8
11*	3	7	3	13	10	5	28	18	25	42	50	52	14	14	15	-8	+11

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy **West Caldwell Tech - Percentages**

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
9	5	15	4	16	23	16	36	35	41	36	36	37	8	6	2	-1	-5
10	7	17	12	13	13	14	27	33	22	48	30	22	5	7	15	+6	-16
11*	5	5	6	21	7	17	21	25	35	41	58	39	12	5	4	-3	-10

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations Mathematics - Percentages

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
ALG I	11	9	5	28	32	16	42	38	38	20	21	39	0	0	1	-18	+20
GEO	4	5	7	37	37	40	46	44	40	12	14	12	0	1	0	+6	0
ALG II	39	26	23	32	34	36	22	26	24	7	14	16	0	0	0	-12	+9

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations **Mathematics** **Bloomfield Tech - Percentages**

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
ALG I	6	4	4	23	34	12	51	42	42	21	20	42	0	0	0	-13	+21
GEO	0	3	6	40	40	34	47	40	38	13	18	22	0	2	1	0	+10
ALG II	29	17	20	37	37	40	21	28	20	13	17	18	0	1	1	-6	+6

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations **Mathematics** **Newark Tech - Percentages**

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
ALG I	7	9	2	21	26	11	40	35	39	31	30	45	0	1	2	-15	+16
GEO	7	6	8	33	29	44	46	47	40	14	17	8	0	1	0	+12	-6
ALG II	51	27	16	27	32	39	17	27	23	4	13	22	0	0	0	-23	+18

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations **Mathematics** **North 13th St. Tech - Percentages**

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
ALG I	15	8	7	36	35	22	39	40	33	11	17	37	0	0	0	-22	+26
GEO	3	5	7	39	39	42	48	46	43	9	10	9	1	1	0	+7	-1
ALG II	28	29	29	31	36	33	34	25	26	6	11	12	1	0	1	+3	+6

*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 2016, Spring 2017 & Spring 2018 PARCC Administrations **Mathematics** **West Caldwell Tech - Percentages**

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
ALG I	17	24	12	35	34	27	37	34	40	12	7	22	0	0	0	-13	+10
GEO	4	7	6	44	46	42	38	38	42	18	8	13	0	0	0	0	-5
ALG II	54	29	31	32	31	33	8	18	27	6	22	9	0	0	0	-22	+3

*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** 2016 to 2018 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	-	6	-	3.9%	-	6	-	1.9%	+	10	+	5.7%
10	+	1	-	5.3%	-	4	-	1.2%	+	3	+	6.6%
11*	-	14	+	2.0%	-	2	-	0.9%	+	3	-	1.1%

*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** 2016 to 2018 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*	-	18	-	4.1%	-	4	-	0.5%	+	20	+	4.6%
Algebra II	-	12	-	2.8%	+	2	-	0.8%	+	9	+	3.6%
Geometry	+	6	-	0.7%	-	6	-	1.8%	0	0	+	2.5%

*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.

- 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 2017 & Spring 2018 PARCC Administrations
 English Language Arts/Literacy

Grade	Students Tested 2018	Students Tested 2017	Difference between number of students tested in 2017 and 2018
9	672	561	111
10	551	504	47
11*	486	506	-20
TOTAL	1,709	1,571	138

*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 2017 & Spring 2018 PARCC Administrations Mathematics

Grade	Students Tested 2018	Students Tested 2017	Difference between number of students tested in 2017 and 2018
Algebra I	556	447	109
Algebra II	522	508	14
Geometry	512	523	-11
TOTAL	1,590	1,478	112

*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 2018 PARCC Administrations English Language Arts/Literacy to New Jersey Percentages for 2018

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	3	11.7	8	12.4	29	21.2	51	38.4	8	16.3
10	9	17.2	12	12.6	23	19.2	41	32.5	16	18.5
11*	3	22.2	8	16.5	25	22.4	51	29.7	13	9.2

*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 2018 PARCC Administrations Mathematics to New Jersey - Percentages for 2018

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	11.3	16	18.6	38	24.3	39	39.3	1	6.5
Algebra II	23	31.0	36	22.4	24	18.0	16	24.6	0	4.0
Geometry	7	9.4	40	31.5	40	29.6	12	24.6	0	4.9

*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 **Bloomfield Tech's** Spring 2018 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	3	9	8	27	29	51	51	6	8
10	6	9	11	12	29	23	43	41	10	16
11*	1	3	9	8	27	25	54	51	9	13

*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 2018 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	3	3	9	8	28	29	51	51	9	8
10	12	9	12	12	18	23	35	41	23	16
11*	3	3	9	8	21	25	51	51	16	13

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

Notes: Percentages may not total 100 due to rounding.

Comparison of **North 13th Street Tech's**
 Spring 2018 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	1	3	4	8	26	29	57	51	11	8
10	5	9	12	12	23	23	46	41	14	16
11*	3	3	5	8	25	25	52	51	15	13

*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 2018 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	4	3	16	8	41	29	37	51	2	8
10	12	9	14	12	22	23	22	41	15	16
11*	6	3	17	8	35	25	39	51	4	13

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

Notes: Percentages may not total 100 due to rounding.

Comparison of **Bloomfield Tech's** Spring 2018 Administration Mathematics to **Essex County Schools of Technology's** Percentages for 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
Algebra I	4	5	12	16	42	38	42	39	0	1
Algebra II	20	23	40	36	20	24	18	16	1	0
Geometry	6	7	34	40	38	40	22	12	1	0

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 **Newark Tech's** Spring 2018 Administration Mathematics to **Essex County Schools of Technology's** Percentages for 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
Algebra I	2	5	11	16	39	38	45	39	2	1
Algebra II	16	23	39	36	23	24	22	16	0	0
Geometry	8	7	44	40	40	40	8	12	0	0

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 **North 13th Street Tech's** Spring 2018 Administration Mathematics to **Essex County Schools of Technology's** Percentages for 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
Algebra I	7	5	22	16	33	38	37	39	0	1
Algebra II	29	23	33	36	26	24	12	16	1	0
Geometry	7	7	42	40	43	40	9	12	0	0

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 2018 Administration Mathematics to **Essex County Schools of Technology's** Percentages for 2018

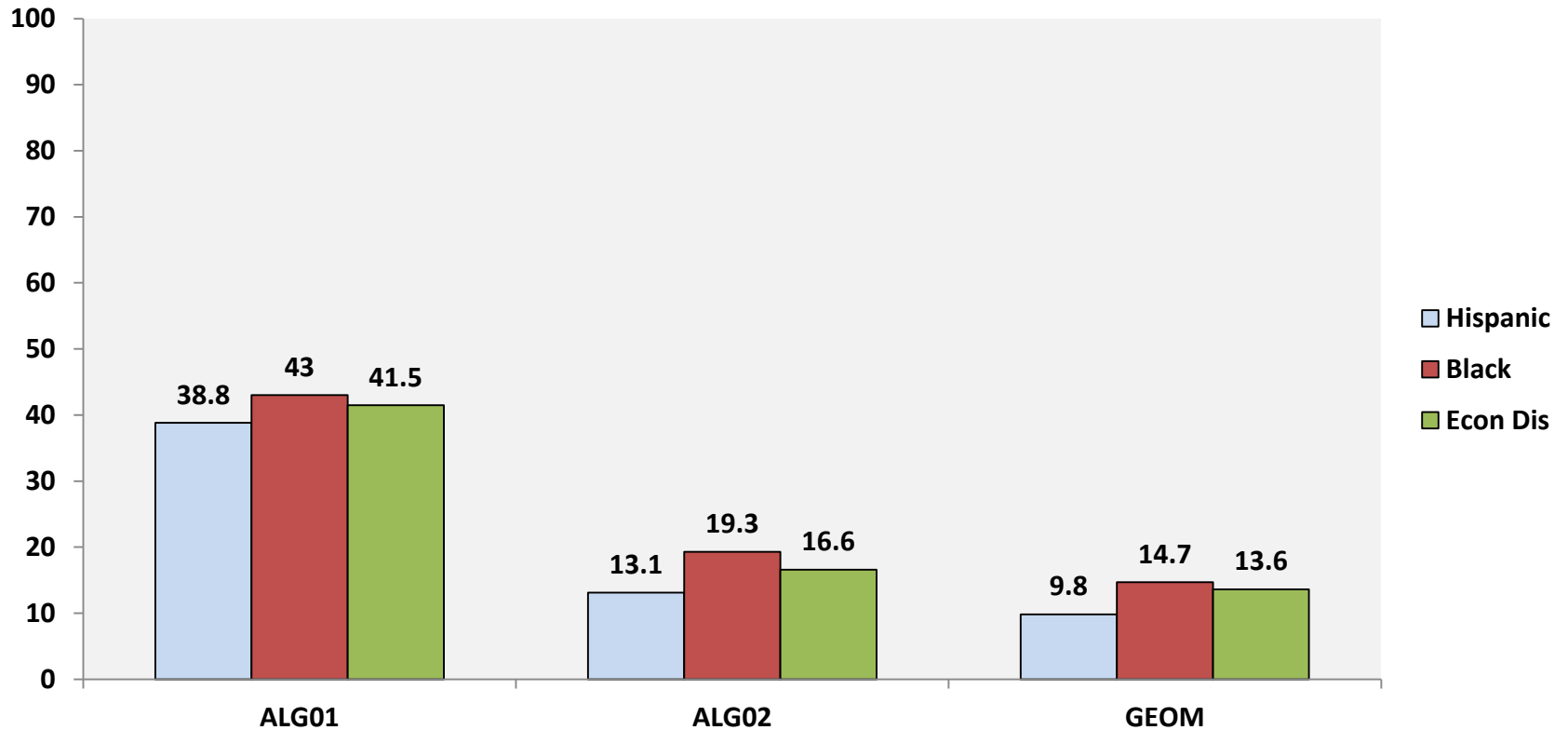
Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District	Level 5, School	Level 5, District
Algebra I	12	5	27	16	40	38	22	39	0	1
Algebra II	31	23	33	36	27	24	9	16	0	0
Geometry	6	7	42	40	42	40	13	12	0	0

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.

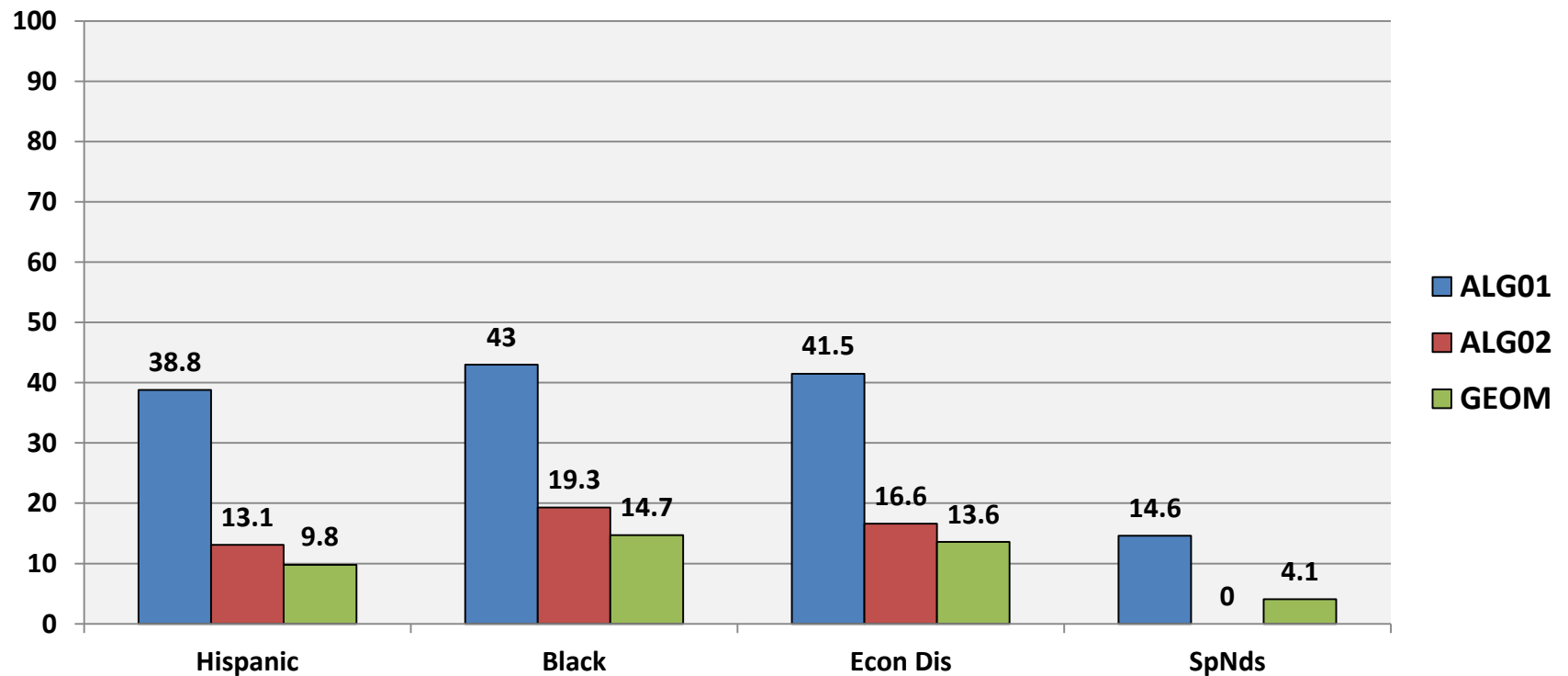
*Some students in grade 8 participated

Notes: Percentages may not total 100 due to rounding.

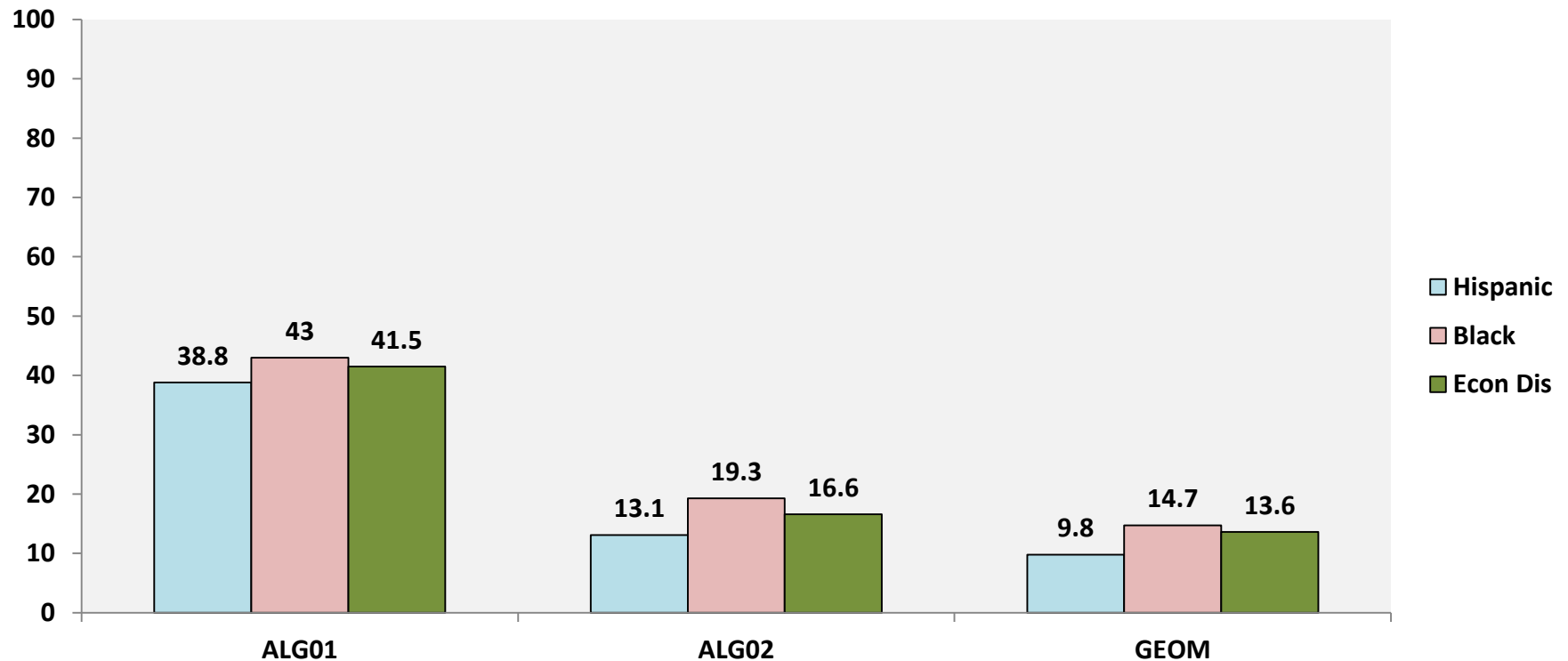
Comparison of Essex County Schools of Technology's Spring 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy – Econ Disadvantaged Students



Comparison of Essex County Schools of Technology's Spring 2018 PARCC Administrations English Language Arts/Literacy – Subgroups of Students



Comparison of Essex County Schools of Technology's Spring 2016, Spring 2017 & Spring 2018 PARCC Administrations Mathematics – Econ Disadvantaged Students



Comparison of Essex County Schools of Technology's Spring 2018 PARCC Administrations Mathematics – Subgroups of Students

