Assessment Results
2018-2019

Burlington County Institute of Technology
October 30, 2019

NJSLA/PARCC

AP

STAR360 Admissions

SAT

PSAT.NMSQT

ACT

NJSLA/PARCC FALL 2018 & SPRING 2019 ADMINISTRATIONS

Measuring College and Career Readiness

COMPARISON OF BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S
2016-17, 2017-18, & 2018-19
PARCC ADMINISTRATIONS
ENGLISH LANGUAGE ARTS/LITERACY - PERCENTAGES

Course	Not Yet Meeting Expectations (Level 1)			Partially Meeting Expectations (Level 2)			Approaching Expectations (Level 3)			Meeting Expectations (Level 4)			Exceeding Expectations (Level 5)			Change in Level 1 & 2	Change in Level 4 & 5
	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2017 to 2019	2017 to 2019
ELA 09	9%	8%	**6%**	17%	20%	**18%**	37%	34%	**31%**	33%	35%	**37%**	4%	4%	**9%**	3%	-8%
ELA 10	17%	17%	**8%**	20%	18%	**14%**	27%	23%	**24%**	31%	33%	**44%**	4%	8%	**10%**	15%	-19%
ELA 11*	16%	18%	**17%**	15%	22%	**18%**	24%	25%	**27%**	37%	28%	**33%**	8%	7%	**6%**	-4%	7%

*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.

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COMPARISON OF BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S 2016-17, 2017-18, & 2018-19 PARCC ADMINISTRATIONS
MATHEMATICS - PERCENTAGES

Course	Not Yet Meeting Expectations (Level 1)			Partially Meeting Expectations (Level 2)			Approaching Expectations (Level 3)			Meeting Expectations (Level 4)			Exceeding Expectations (Level 5)			Change in Level 1 & 2	Change in Level 4 & 5
	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2016-2017	2017-2018	**2018-2019**	2017 to 2019	2017 to 2019
ALG I	8%	6%	**7%**	24%	25%	**26%**	30%	36%	**31%**	35%	31%	**35%**	3%	2%	**1%**	-1%	2%
ALG II	37%	41%	**38%**	28%	28%	**29%**	23%	19%	**22%**	12%	11%	**11%**	0%	0%	**0%**	-2%	1%
GEOM	9%	11%	**12%**	37%	37%	**44%**	36%	37%	**30%**	17%	15%	**13%**	0%	0%	**2%**	-10%	2%

*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.

COMPARISON OF BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S
Percentage Changes
2017-18 TO 2018-19 NJSLA ADMINISTRATIONS
ENGLISH LANGUAGE ARTS/LITERACY

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	BCIT		**State**		**BCIT**		**State**	
Grade 9	↓	-4%	↓	-1%	↑	7%	↑	1%
Grade 10	↓	-14%	↓	-5%	↑	12%	↑	8%
Grade 11*	↓	-5%	↑	5%	↑	3%	↓	-7%

** NJSLA 2018-2019 assessments were optional for 11th Grade students.
Note: "Students Tested" represents individual valid test scores for English Language Arts.
Percentages may not total 100 due to rounding.
- An up arrow indicates an increase of the % change from the previous year where a down arrow shows a decrease of the % change from the previous year.

COMPARISON OF BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S
Percentage Changes
2017-18 TO 2018-19 NJSLA ADMINISTRATIONS
MATHEMATICS

	% Change in Level 1 and Level 2				% Change in Level 4 and Level 5			
	BCIT		State		BCIT		State	
Algebra I*	↑	2%	↑	5%	↑	3%	↓	-4%
Algebra II	↓	-2%	↓	-16%	=	0	↑	16%
Geometry	↑	7%	↓	-4%	↓	-1%	↑	2%

*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.
Percentages may not total 100 due to rounding.
- An up arrow indicates an increase of the % change from the previous year where a down arrow shows a decrease of the % change from the previous year.

	Students Tested		Year to Year Increase
	2017-2018	2018-2019	
ELA 9	Students tested / Students in course 514 / 520 99%	Students tested / Students in course 560 / 558 100%	+ 1%
ELA 10	492 / 496 99%	521 / 521 100%	+ 1%
ELA 11*	449 / 472 95%	330 / 461 72%	- 23%
TOTAL	1455 / 1488 98%	1411 / 1540 92%	- 6 %

*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 BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S STUDENTS TESTED
Number of Students Tested
2017-18 TO 2018-19 NJSLA ADMINISTRATIONS
MATHEMATICS

	Students Tested		Year to Year Increase
	2017-2018	2018-2019	
Algebra I	Students tested / Students in course 524 / 524 100%	Students tested / Students in course 553 / 556 99%	- 1%
Algebra II	461 / 494 93%	584 / 588 99%	+ 6%
Geometry	474 / 491 97%	349 / 461 76%	- 21% **
TOTAL	1459 / 1509 97%	1486 / 1605 93%	- 4%

** Students that took both Honors Algebra I & Geometry may have tested for ALG01 and not GEOM
*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.

BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S
2018-19 NJSLA Grade Level Outcomes
ENGLISH LANGUAGE ARTS/LITERACY

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		Meeting/Exceeding Expectations => Level 4	
	BCIT District	State	BCIT District	State	BCIT District	State	BCIT District	State	BCIT District	State	BCIT District	State
Grade 9	5.9%	11.7%	17.5%	12.1%	31.3%	21.3%	36.8%	36.3%	8.6%	18.6%	45.4%	54.9%
Grade 10	7.5%	15.2%	14.2%	11.4%	24.4%	16.0%	44.3%	32.8%	9.6%	24.6%	53.9%	57.4%
Grade 11*	17.0%	25.1%	18.2%	20.0%	26.7%	23.8%	32.7%	24.8%	5.5%	6.3%	38.2%	31.1%

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

BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S
2018-19 NJSLA Grade Level Outcomes
MATHEMATICS

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		Meeting/Exceeding Expectations => Level 4	
	BCIT District	*State*	BCIT District	*State*	BCIT District	*State*	BCIT District	*State*	BCIT District	*State*	BCIT District	*State*
Algebra I	6.9%	*9.6%*	25.9%	*25.8%*	31.3%	*23.2%*	35.1%	*36.3%*	0.9%	*5.1%*	36.0%	*41.4%*
Algebra II	37.8%	*22.3%*	29.3%	*15.1%*	21.6%	*18.4%*	11.1%	*38.9%*	0.2%	*5.3%*	11.3%	*44.2%*
Geometry	11.7%	*11.0%*	43.8%	*26.0%*	29.8%	*32.2%*	12.9%	*25.9%*	1.7%	*5.0%*	14.6%	*30.9%*

*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.

BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S
2018-19 NJSLA School & Grade Level Outcomes
ENGLISH LANGUAGE ARTS / LITERACY

ELA 09	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	Meet/Exceed Expectations => Level 4
Medford	6%	16%	32%	39%	7%	46%
Westampton	6%	19%	31%	35%	9%	44%
District	**6%**	**18%**	**31%**	**37%**	**9%**	**45%**

ELA 10						
Medford	9%	14%	27%	40%	10%	50%
Westampton	6%	14%	23%	47%	9%	56%
District	**7%**	**14%**	**24%**	**44%**	**10%**	**54%**

ELA 11						
Medford	24%	17%	31%	24%	5%	29%
Westampton	13%	19%	25%	38%	6%	44%
District	**17%**	**18%**	**27%**	**33%**	**6%**	**38%**

BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY'S
2018-19 NJSLA School & Grade Level Outcomes
MATHEMATICS

ALG I

	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectations (Level 4)	Exceeding Expectations (Level 5)	Meet/Exceed Expectations => Level 4
Medford	5%	22%	33%	39%	0%	39%
Westampton	8%	29%	30%	32%	1%	33%
District	**7%**	**26%**	**31%**	**35%**	**1%**	**36%**

ALG II

Medford	44%	29%	17%	10%	0%	10%
Westampton	33%	30%	25%	12%	0%	12%
District	**38%**	**29%**	**22%**	**11%**	**0%**	**11%**

GEOM

Medford	8%	42%	33%	15%	2%	17%
Westampton	14%	45%	28%	12%	2%	14%
District	**12%**	**44%**	**30%**	**13%**	**2%**	**15%**

Students in demographic "Economically Challenged" meeting/exceeding expectations
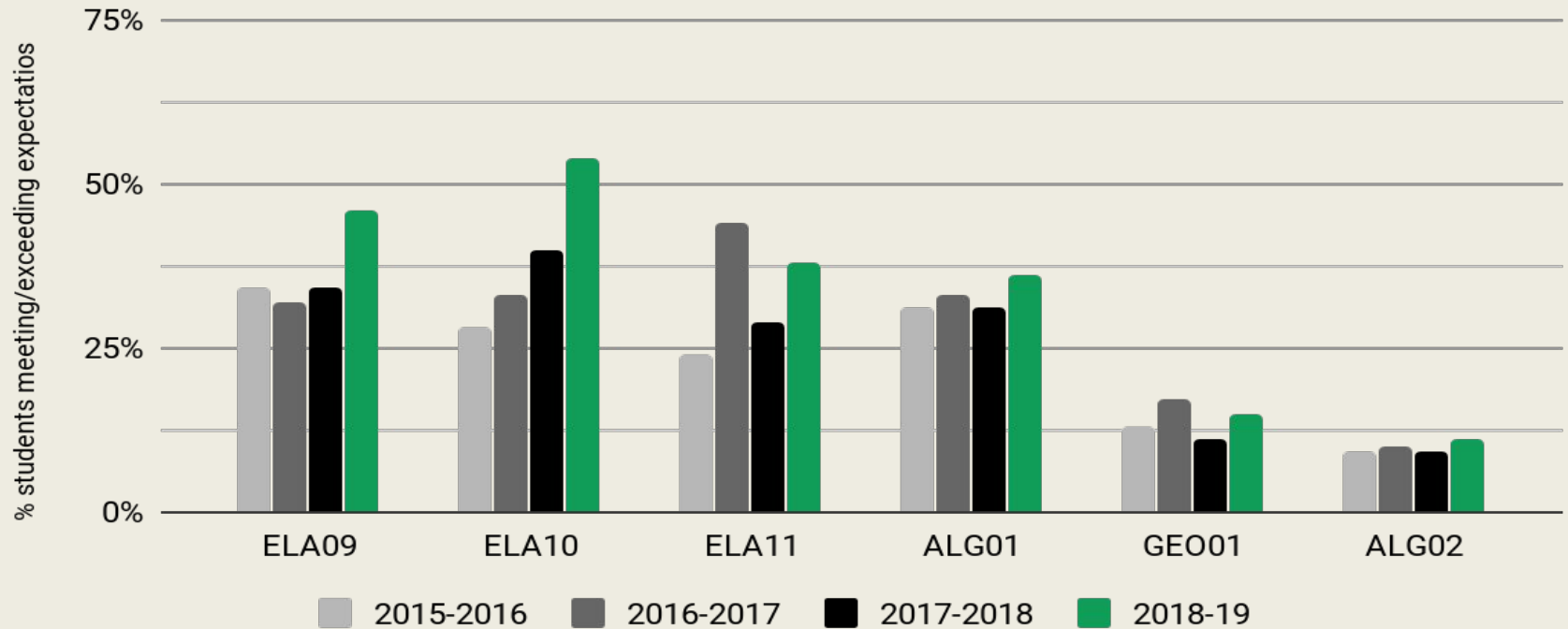
(=> Performance Level 4)

Students in demographic "Race" meeting/exceeding expectations: 2018-19 NJSLA assessments
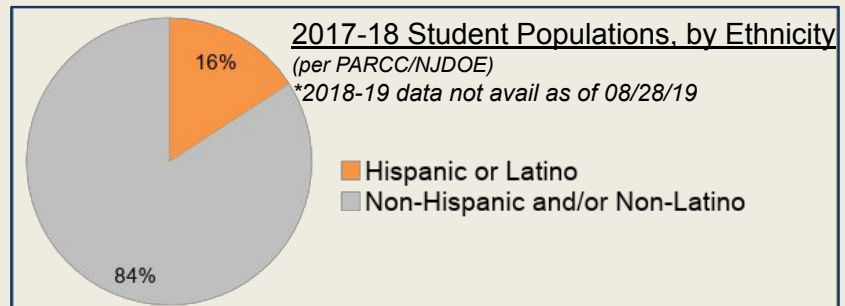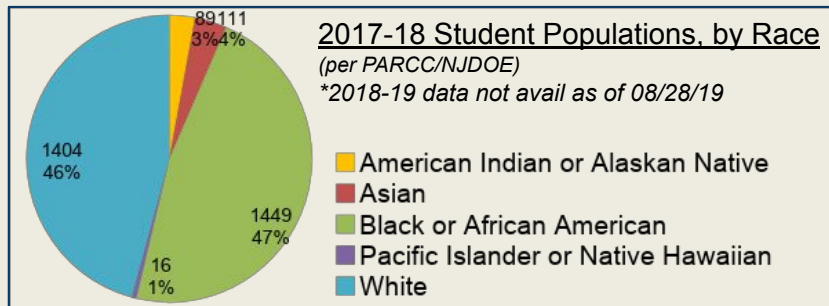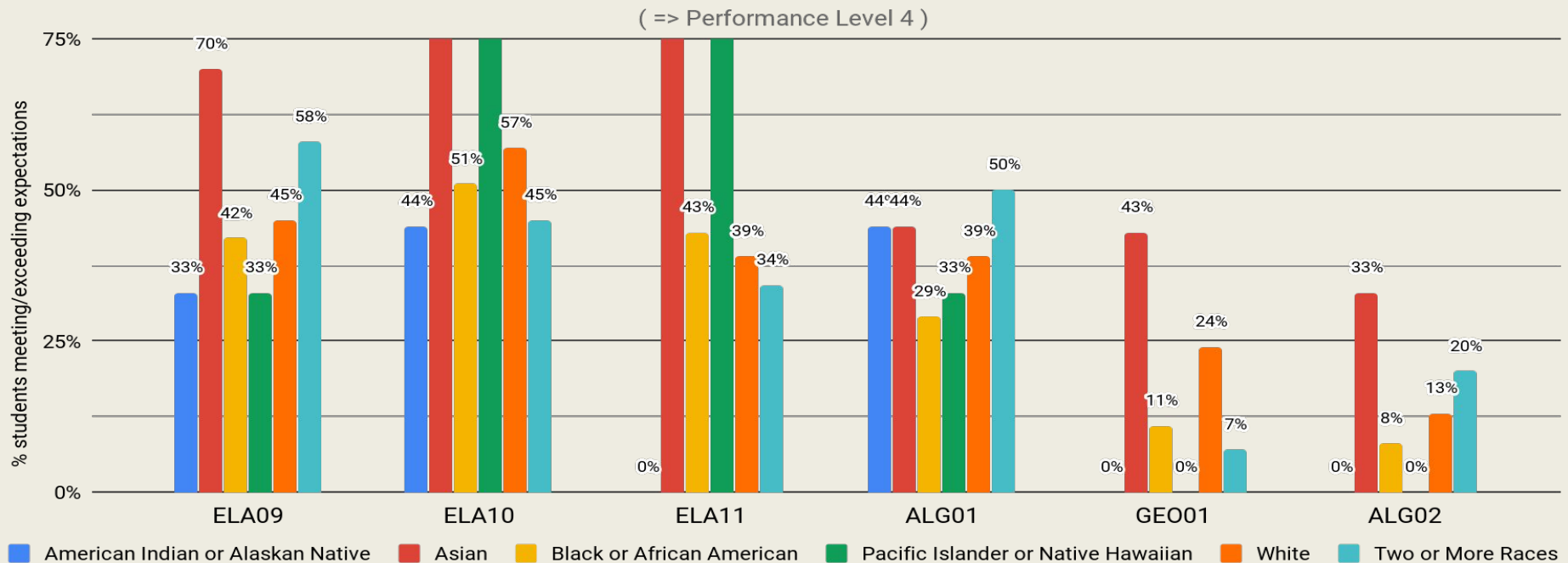
(=> Performance Level 4)

Students in demographic "Special Education" meeting/exceeding expectations

(=> Performance Level 4)
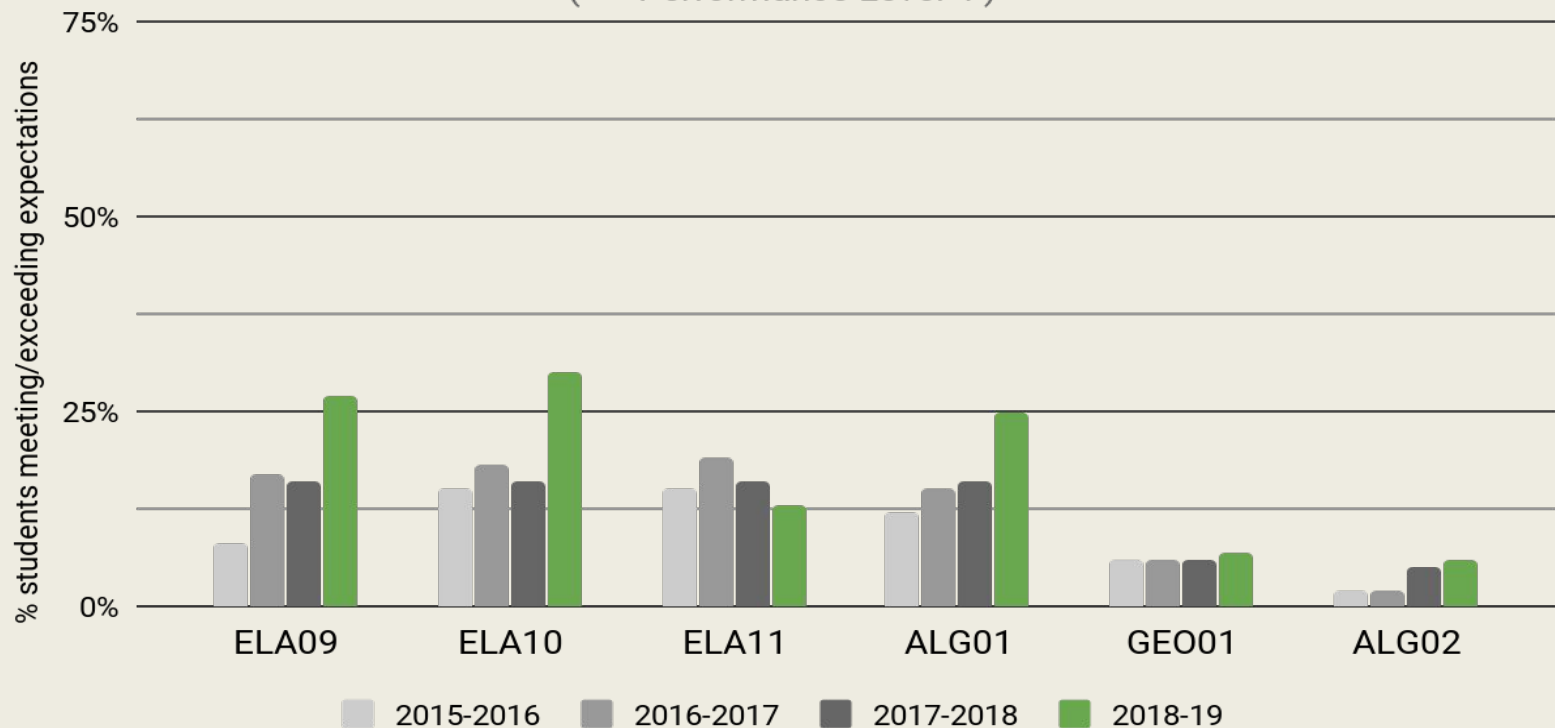
2018-2019
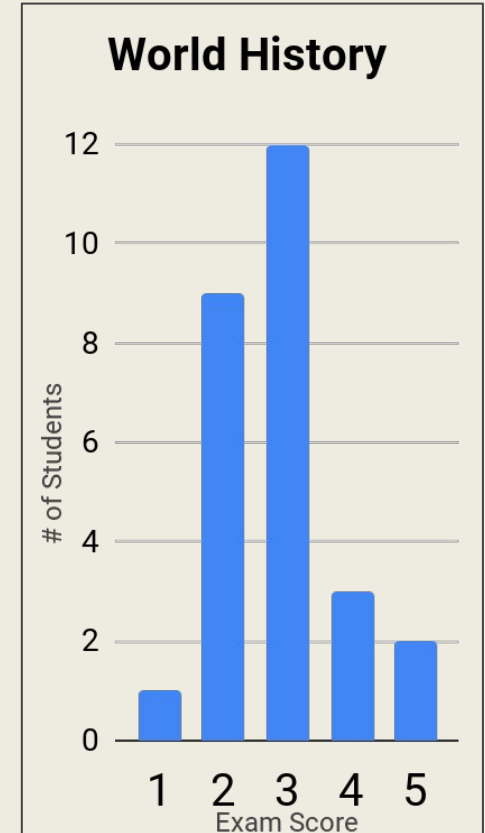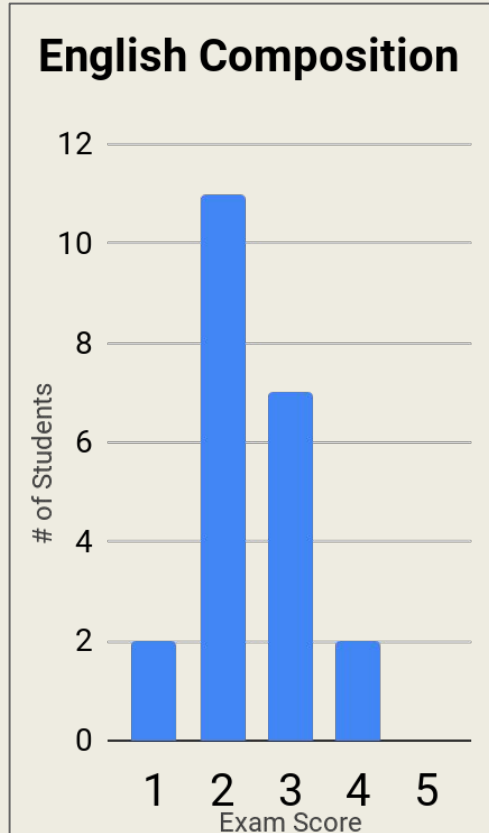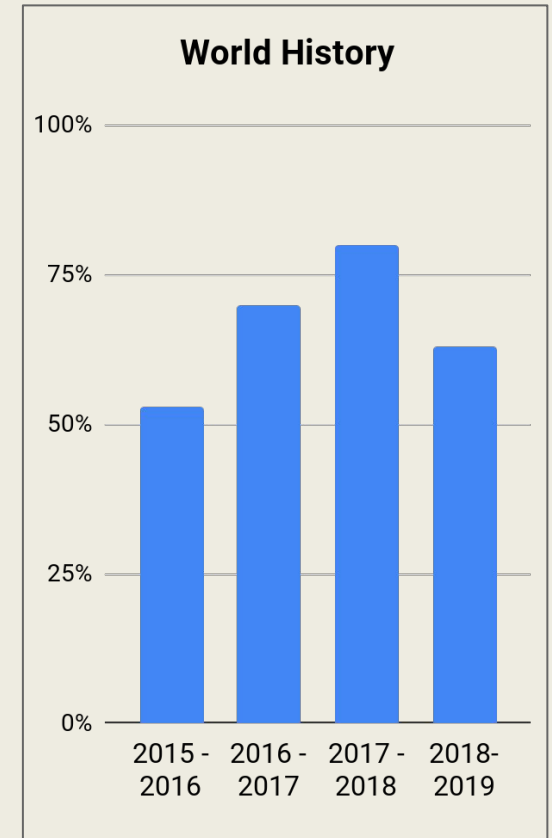# AP
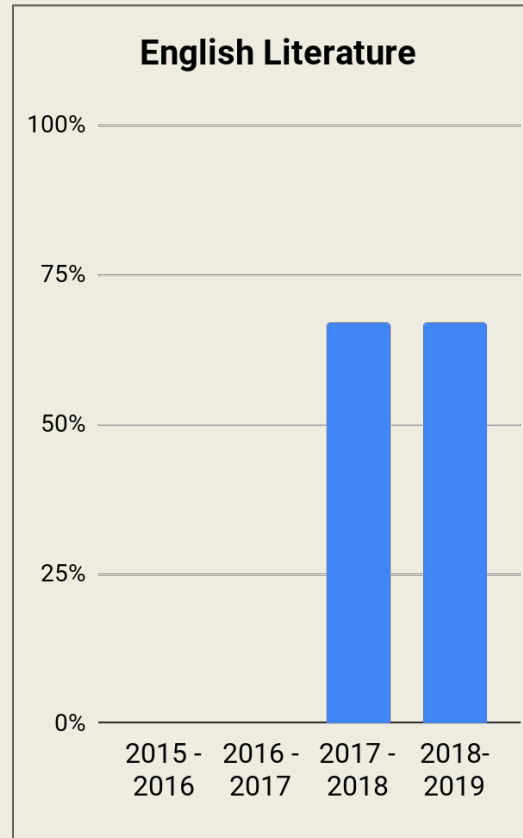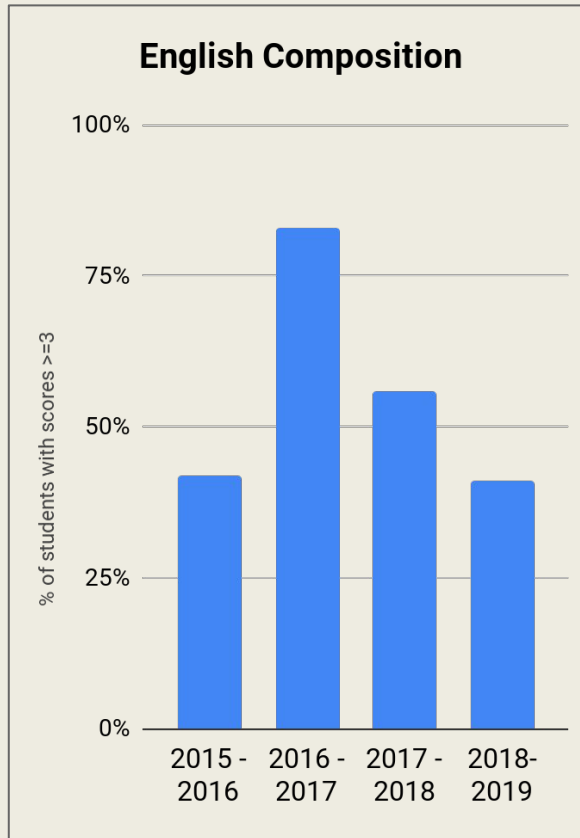# STAR360 ADMISSIONS
PSAT/NMSQT
SAT
ACT

BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY
2018-19
ADVANCED PLACEMENT SCORES

AP Tests are scored 0-5.
Scores of 3 and above are considered passing.

BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY
2018-19
ADVANCED PLACEMENT PASSING RATES

Percentage of students taking the AP test that scored a passing rate.
AP Tests are scored 0-5.   Scores of 3 and above are considered passing.

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STAR360 Admissions Average Scores

Grade 9	Grade 10
Reading Average PR: 43.5 Average IRL: 7.8	**Reading** Average PR: 45.3 Average IRL: 9.0
Math Average PR: 53	**Math** Average PR: 61

PR = Percentile; IRL = Instructional Reading Level by Grade and Month

BURLINGTON COUNTY INSTITUTE OF TECHNOLOGY
2018-19
DISTRICT SAT SCORES

SAT Average Scores

School Year	EB Read/Write Section			MATH Section			Total Score		
	District	State*	National*	District	State*	National*	District	State*	National*
2015 - 2016	492.2	†	†	477.6	†	†	969.8	†	†
2016 - 2017	502.2	530	533	489.0	526	527	991.2	1056	1060
2017 - 2018	507.5	547	536	488.4	547	531	995.9	1094	1068
2018 - 2019	509.4	544	531	492.5	545	528	1002.7	1090	1059

*State and National data from: College Board
†The SAT was updated in January 2016, the new SAT was first administered in March 2016. Collegeboard has only released data for the older, pre-March 2016 SAT test results for 2015-16
   State and National data is summarized for high school graduates in that year.
   Information is summarized for seniors who took the SAT at any time during their high school years.
   If a student took the test more than once, the most recent score is used.

DISTRICT PSAT.NMSQT SCORES

PSAT.NMSQT Average Scores

School Year	EB Read/Write Section			MATH Section			Total Score		
	District	State*	National*	District	State*	National*	District	State*	National*
2015 - 2016	462.7	†	†	449.7	†	†	912.4	†	†
2016 - 2017	460.1	487	490	450.9	486	483	908.4	973	973
2017 - 2018	460.6	484	489	454.2	483	480	923.0	966	969
2018 - 2019	463.6	482	489	444.9	480	479	906.8	962	969

*State and National data from: College Board

†Collegeboard did not release Average PSAT test results for 2015-16, due to the Jan 2016 update
State and National data is summarized for high school graduates in that year.
Information is summarized for seniors who took the SAT at any time during their high school years.
If a student took the test more than once, the most recent score is used.

ACT Average Scores

Grad Year	Total Tested District	Total Tested State	English District	English State	Mathematics District	Mathematics State	Reading District	Reading State	Science District	Science State	Composite District	Composite State
2012	11	22,179	15.6	23.1	17.8	23.9	17.0	23.4	17.2	22.6	17.0	23.4
2013	17	24,202	18.8	22.5	19.5	23.6	19.9	23.1	19.1	22.2	19.5	23.0
2014	31	26,182	16.7	22.8	19.3	23.7	19.0	23.1	18.1	22.4	18.4	23.1
2015	33	30,263	18.2	22.9	19.2	23.7	19.3	23.3	18.6	22.6	18.9	23.2
2016	44	33,646	18.5	22.7	18.9	23.3	20.4	23.5	18.2	22.5	19.2	23.1
2017	30	35,257	18.4	23.8	19.3	23.8	20.3	24.1	19.2	23.2	19.6	23.9
2018	32	32,590	20.5	23.8	19.5	23.6	20.1	24.0	19.3	23.0	19.8	23.7
2019	**28**	-	**19.8**	-	**20.0**	-	**20.0**	-	**18.6**	-	**19.6**	-

Data provided by: **ACT**
State data from 2018-2019 currently not available.