

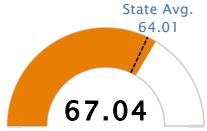


2022 ESSA School Index: Overview

6047703 - Estem High School

6047700 - Estem Public Charter School

Overall ESSA Index Score



[ESSA Overview](#)

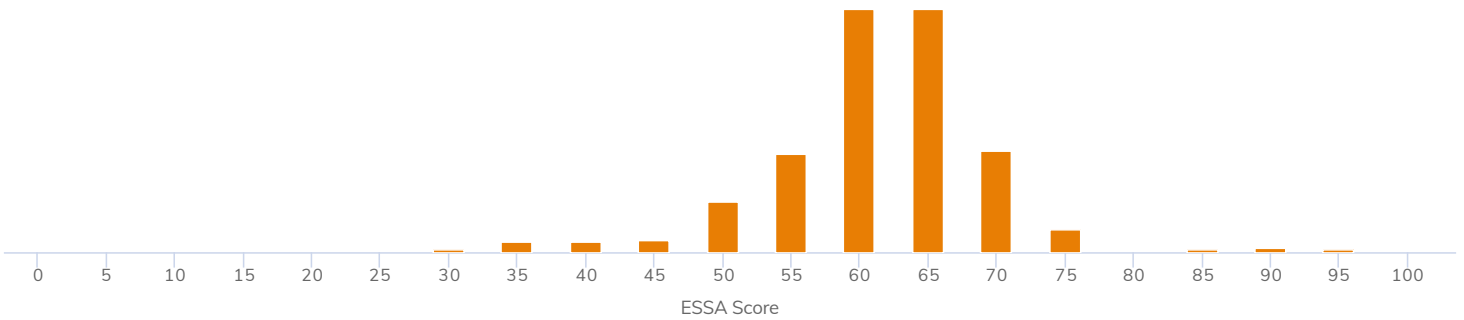
Grade Range

10-12

Grade Span

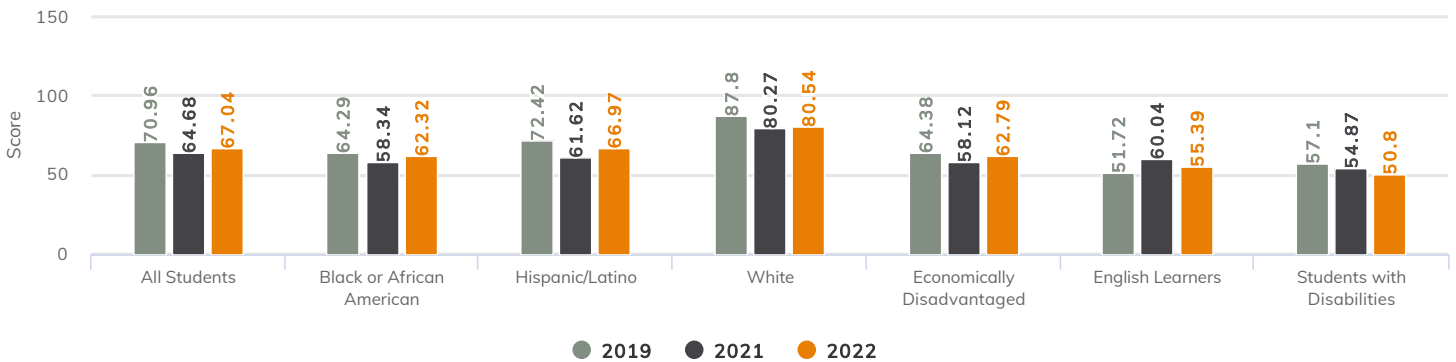
3 - High School Level

State Distribution of Overall School ESSA Index Scores



The score 67.04 falls in the 65-70 bar of the state distribution of the overall ESSA index score for the High School Level grade span.

Three Year School ESSA Index Scores By Subgroup



Population	2019 Index Score	2021 Index Score	2022 Index Score
All Students	70.96	64.68	67.04
Black or African American	64.29	58.34	62.32
Hispanic/Latino	72.42	61.62	66.97
White	87.8	80.27	80.54
Economically Disadvantaged	64.38	58.12	62.79
English Learners	51.72	60.04	55.39
Students with Disabilities	57.1	54.87	50.8

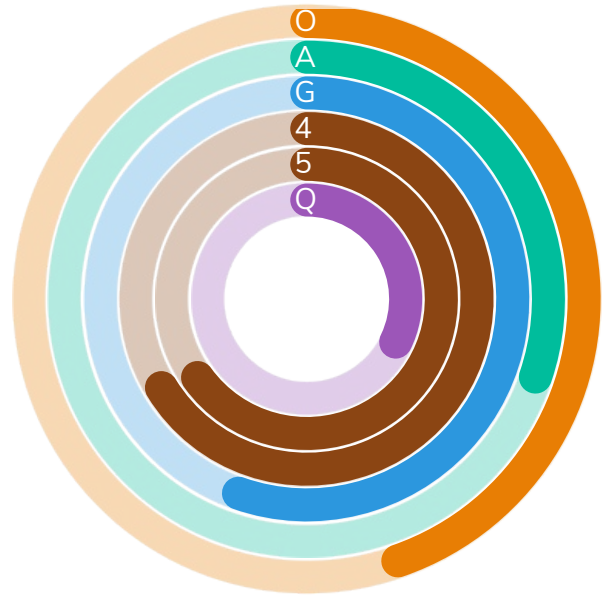


ESSA Indicator Scores

Public School Rating	C
-------------------------------------	----------

Rating Scale	A = 73.22 and Above
	B = 67.96 - 73.21
	C = 61.10 - 67.95
	D = 52.95 - 61.09
	F = 0.00 - 52.94

Indicator	Score
Overall ESSA Score	67.04
Weighted Achievement Score	45.39
Value-Added Growth Score	83.09
4-Year Graduation Rate	99.44
5-Year Graduation Rate	97.63
School Quality and Student Success Score	48.32



Range of Possible Scores for Each Indicator

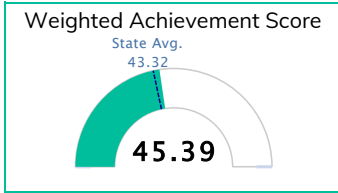
- Weighted Achievement scores range from 0 to 125 with 0 indicating all students are in the lowest readiness level (In Need of Support) for achievement and 125 indicating all students are in the highest readiness level for achievement (Exceeds).
- Value-Added Growth scores typically range from 55 to 95 with values of 80 or above indicating students, on average, are meeting and/or exceeding expected growth in achievement. Values below 80 indicate students, on average, are losing ground compared to their expected growth in achievement.
- 4-Year and 5-Year Graduation Rates range from 0 to 100 with 0 indicating none of the students expected to graduate in the 4-year or 5-year time frame graduated as expected. Scores of 100 indicate all students expected to graduate in the 4-year or 5-year time frame graduated as expected.
- School Quality and Student Success scores range from 0 to 100. These scores indicate the percentage of points earned by the school across all of the School Quality and Student Success components included in this indicator. Up to 11 components may be included in a school's indicator score.



2022 ESSA School Index: Weighted Achievement

6047703 - Estem High School
6047700 - Estem Public Charter School

[Understanding Weighted Achievement](#)

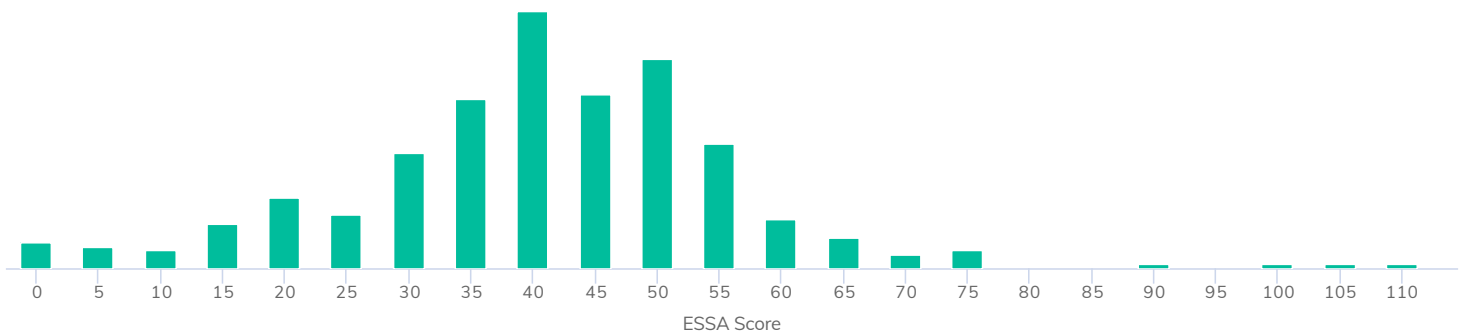


Grade Range	10-12
Grade Span	3 - High School Level



Weighted Achievement scores reflect the extent to which students are demonstrating higher levels of achievement. When more students are achieving at higher levels, more points are earned. Over time, schools can increase their weighted achievement scores by moving more students from lower to higher achievement levels.

Distribution of School-Level Weighted Achievement Scores



The score 45.39 falls in the 45-50 bar of the state distribution of the weighted achievement score for the High School Level grade span.



2022 Weighted Achievement Score Details for All Students

Performance Level and Multiplier	ELA - Students	Math - Students	Total Points	ELA + Math - Students
In Need of Support (0)	61	91	0	152
Close (0.5)	34	29	31.5	63
Ready (1.0)	40	23	63	63
Exceeds (1.0 or 1.25*)	33	25	58	58
Totals			152.5	336

Weighted Performance Points Earned = (152.5 / 336) * 100 = 45.39

*Note: If the number of students exceeding grade level-proficiency is not greater than the number of students in the lowest achievement level then schools earn a single point for these students. If the number of students exceeding grade level-proficiency is greater than the number of students in the lowest achievement level then schools earn 1.25 points per student for the number of students greater than the number in the lowest achievement level.



Adjusting the Weighted Achievement Denominator for Percent Tested

2022 Percent Tested	Number Expected to Test ELA	ELA Percent Tested	Number (Percent) Not Tested ELA	Number Expected to Test Math	Math Percent Tested	Number (Percent) Not Tested Math
All Students	174	100.00%	0 (0.00%)	174	100.00%	0 (0.00%)
Black or African American	111	100.00%	0 (0.00%)	111	100.00%	0 (0.00%)
Hispanic/Latino	14	100.00%	0 (0.00%)	14	100.00%	0 (0.00%)
White	34	100.00%	0 (0.00%)	34	100.00%	0 (0.00%)
Economically Disadvantaged	110	100.00%	0 (0.00%)	110	100.00%	0 (0.00%)
English Learners	4	100.00%	0 (0.00%)	4	100.00%	0 (0.00%)
Students with Disabilities	23	100.00%	0 (0.00%)	23	100.00%	0 (0.00%)

To calculate percent tested, all students are included: full academic year and highly mobile students. Percent tested is included in the ESSA School Index calculation when schools test less than 95 percent of the students or test less than 95 percent of a subgroup of students.

If the percent tested is greater than or equal to 95 percent, then the Final Weighted Achievement Denominator equals the number of full academic year students tested.

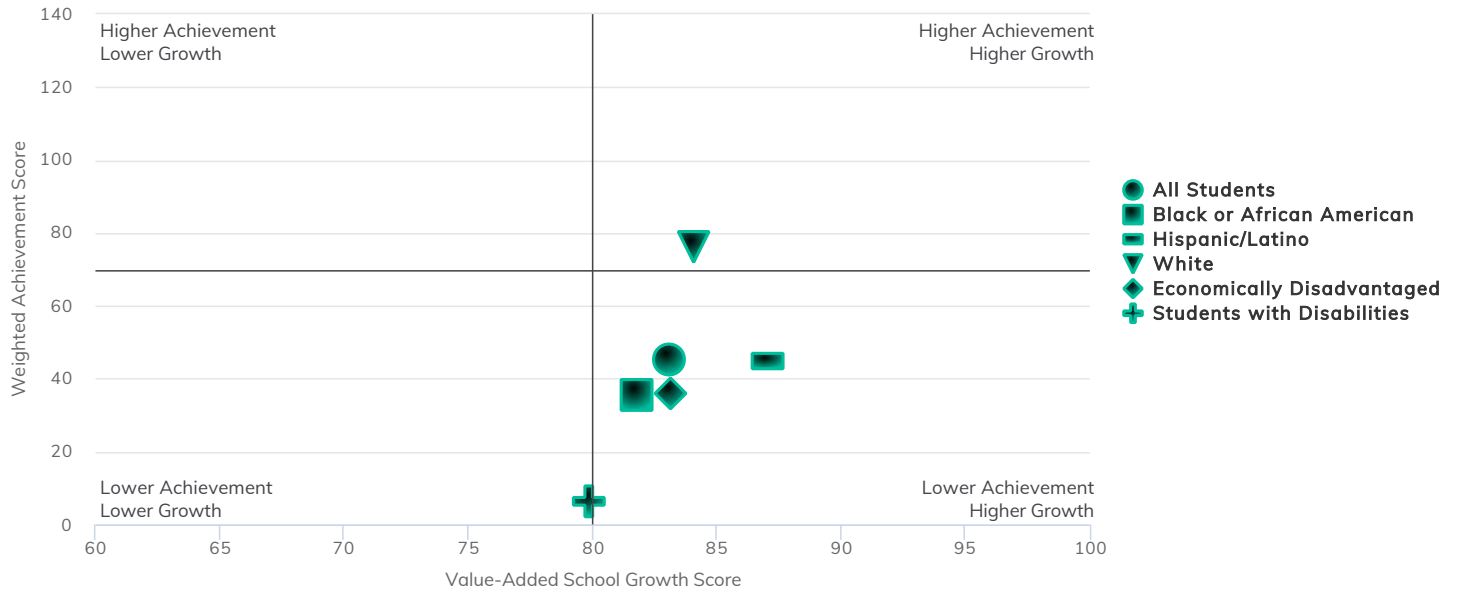
If the percent tested is less than 95 percent, then the *Final Weighted Achievement Denominator* is adjusted to include 95 percent of the students expected to test for that subject and group (ESEA Section 1111 (c)(4)(E)(ii)). An adjusted denominator is computed for each subject/subgroup to which it applies. This adjusted denominator is the number that is equal to 95 percent of the number of students expected to test for that subject/subgroup. The adjusted denominator is rounded down to the nearest whole number (whole student). If the number of students tested is greater than the result from multiplying the number of students expected to test by 0.95 rounded down to the nearest whole number, the greater value of the number of students tested is the denominator for the subject/subgroup to which it applies. The denominators for each subject (adjusted or unadjusted depending on percent tested) are added together to get the *Final Weighted Achievement Denominator*.

Final Weighted Achievement Denominator Used	ELA	Math
Percent Tested: Mobile + Nonmobile	100	100
Number Tested: Mobile + Nonmobile	174	174
Number Expected to Test: Mobile + Nonmobile	174	174
Adjusted N = 0.95 * Number Expected to Test	165	165
Was Denominator Adjusted for Less Than 95% Tested?	No	No
Number of Nonmobile Students with Tests (Used when 95% or more tested)	168	168

* If less than 95% tested the Adjusted N = 0.95 * *Number Expected to Test* is highlighted because it is used for the weighted achievement denominator.

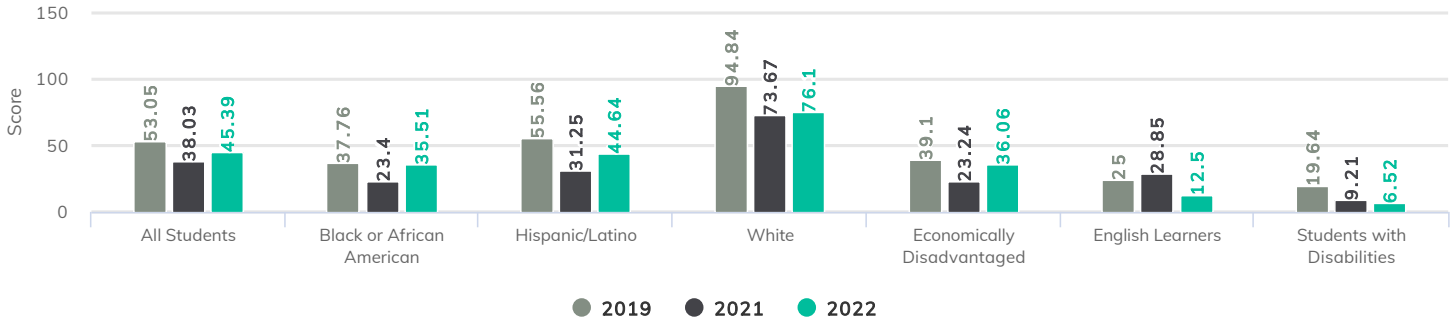


School Value-added Growth Score Plotted with Weighted Achievement for Subgroups





Three Year Weighted Achievement By Subgroup



Population	2019 Weighted Achievement Score	2021 Weighted Achievement Score	2022 Weighted Achievement Score
All Students	53.05	38.03	45.39
Black or African American	37.76	23.4	35.51
Hispanic/Latino	55.56	31.25	44.64
White	94.84	73.67	76.1
Economically Disadvantaged	39.1	23.24	36.06
English Learners	25	28.85	12.5
Students with Disabilities	19.64	9.21	6.52



2022 Number of Full Academic Year Students in Each Achievement Level by Subgroup

	ELA Level 1	ELA Level 2	ELA Level 3	ELA Level 4	Math Level 1	Math Level 2	Math Level 3	Math Level 4
All Students	61	34	40	33	91	29	23	25
Black or African American	48	22	27	10	68	22	11	6
Hispanic/Latino	4	7	1	2	7	2	4	1
White	5	4	8	17	11	4	5	14
Economically Disadvantaged	46	25	21	12	63	23	11	7
English Learners	2	2	0	0	4	0	0	0
Students with Disabilities	20	2	1	0	22	0	1	0

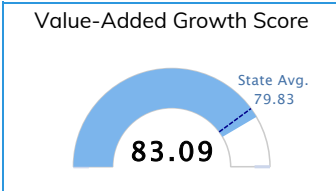
Note: Level 1 = In Need of Support; Level 2 = Close; Level 3 = Ready; Level 4 = Exceeds



2022 ESSA School Index: School Value-Added Growth

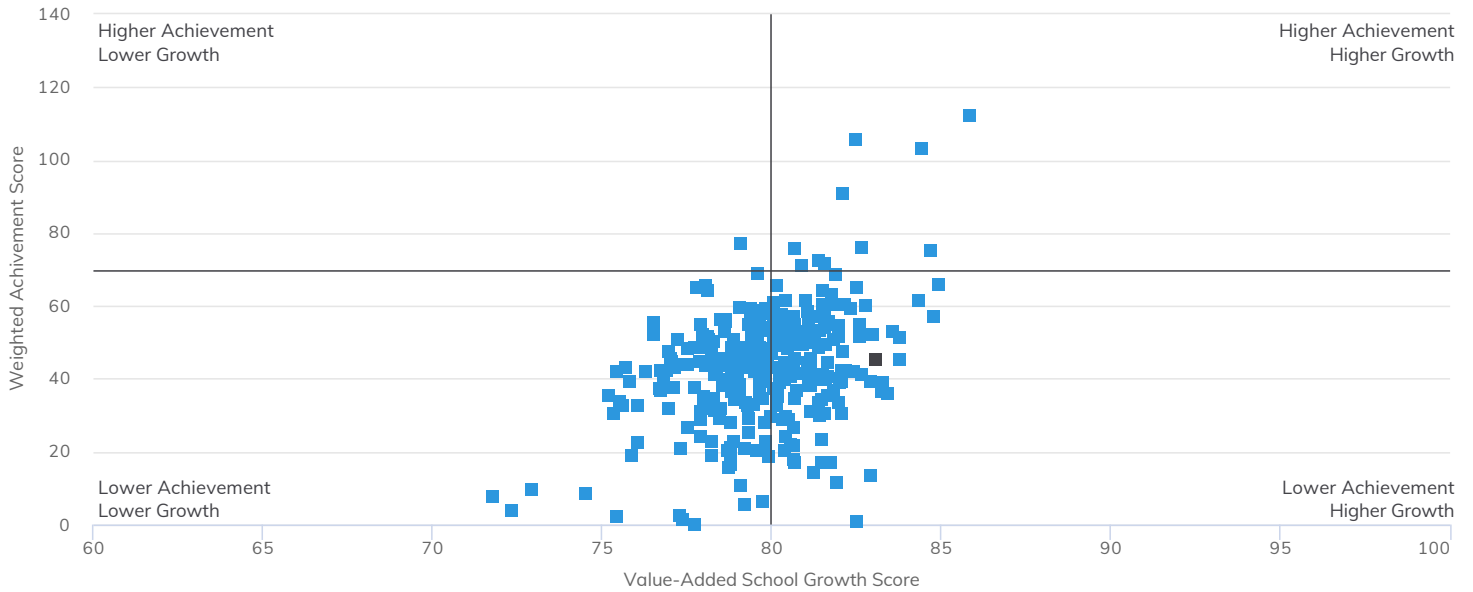
6047703 - Estem High School
6047700 - Estem Public Charter School

[Understanding School Value-Added Growth](#)

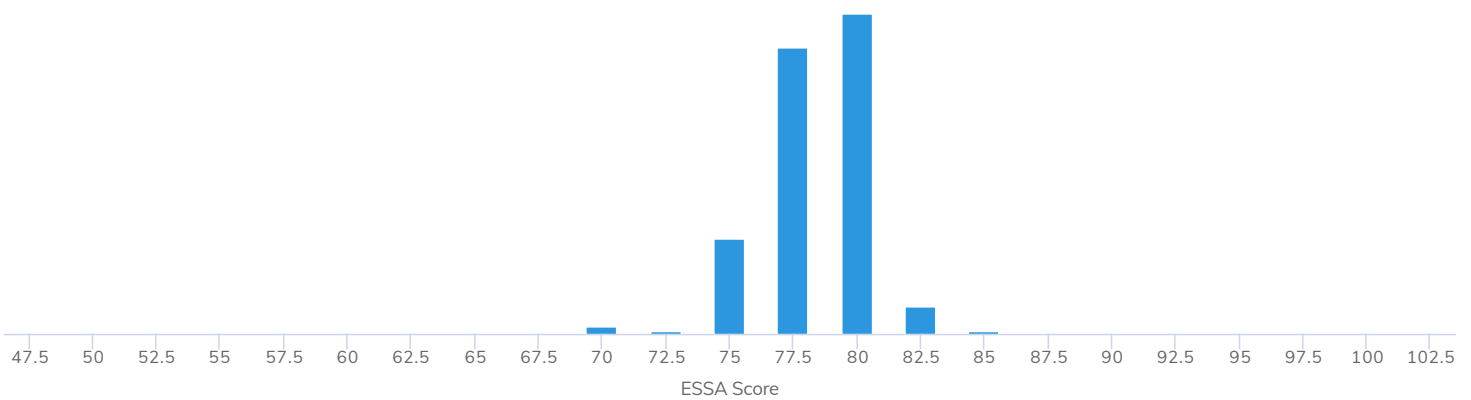


Grade Range	10-12
Grade Span	3 - High School Level

School Value-Added Growth Score Plotted with Weighted Achievement Scores



Distribution of School-Level Value-Added Growth Scores



School Content Value-Added Growth (VAS) and ELP Growth

	ELA Value-Added Score	Math Value-Added Score	Content Growth Score	ELP Growth Score	School Overall Value-Added Growth Score
Score	82.33	82.79	82.56	88.06	83.09
Number of Students	168	168	168	18	186



Counts for Content Area Growth (Math + ELA)

Subgroup	# ELA Growth	# Math Growth	Total Number of Students Combined Growth*
All Students	168	168	168
Black or African American	107	107	107
Hispanic/Latino	14	14	14
White	34	34	34
Economically Disadvantaged	104	104	104
English Learners	4	4	4
Students with Disabilities	23	23	23

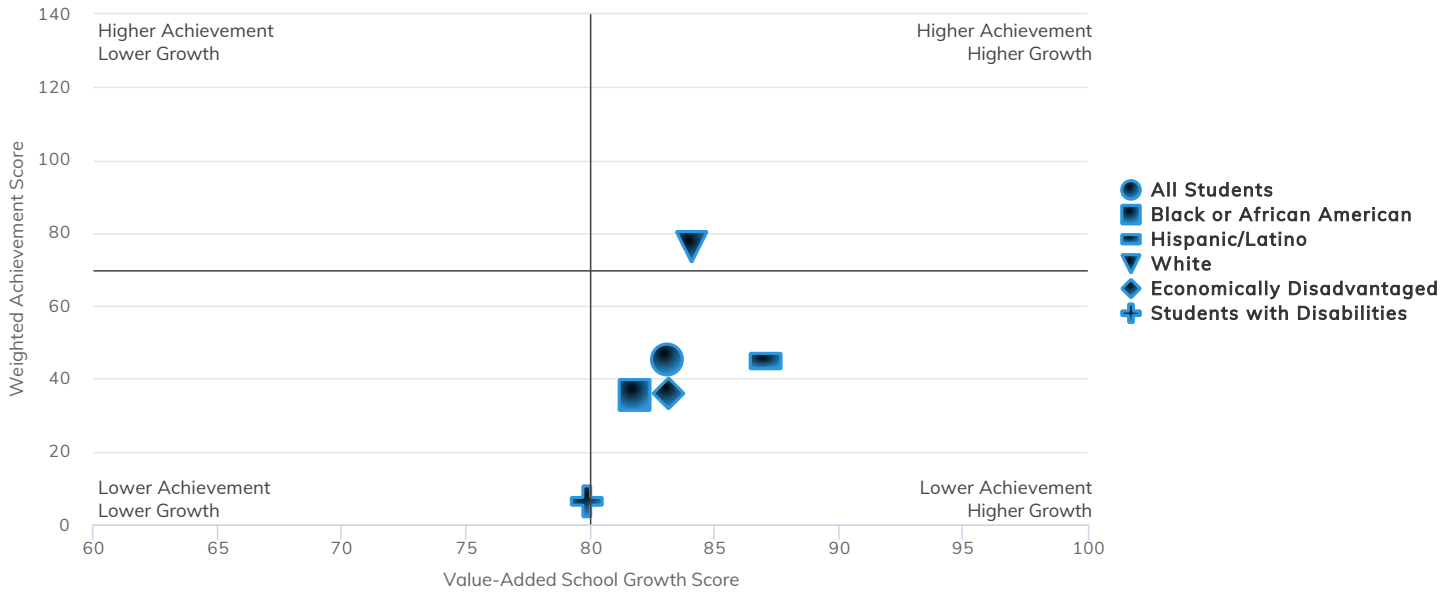
* Each student is counted once for content growth. Some students have both Math and ELA. Some students have only one subject; therefore, the total number is not always the sum of #ELA Growth and #Math Growth.

Counts for ELP Growth

Subgroup	# ELP Growth
All Students	18
Black or African American	0
Hispanic/Latino	18
White	0
Economically Disadvantaged	14
English Learners	18
Students with Disabilities	0



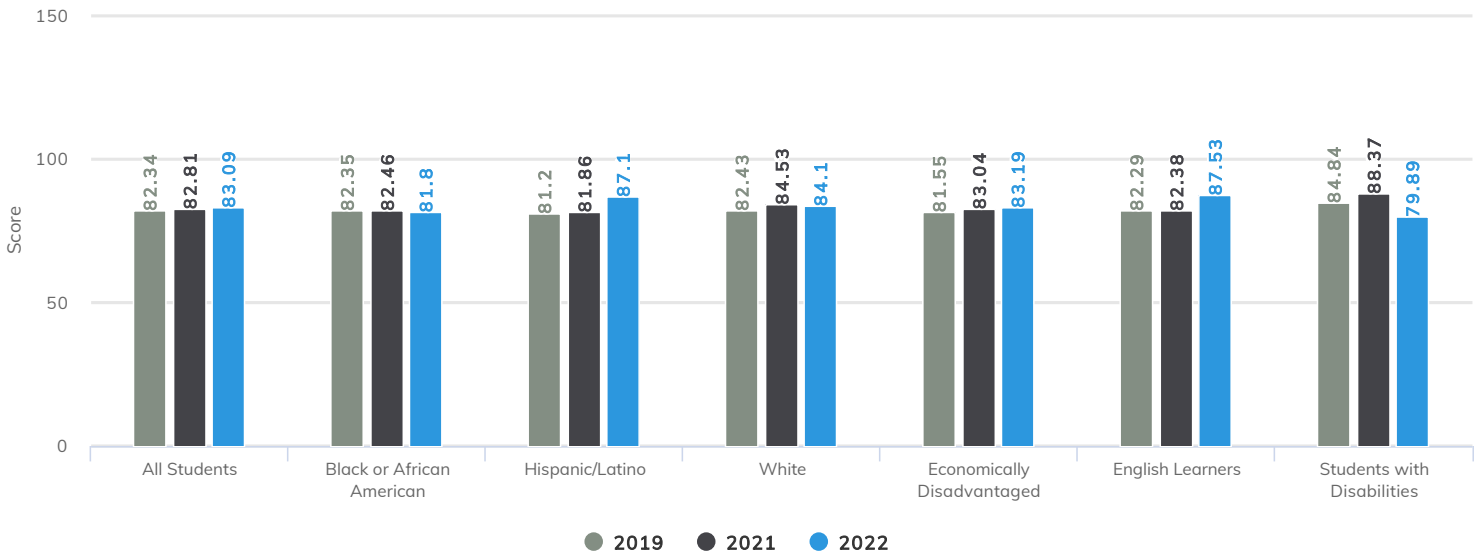
School Value-added Growth Score Plotted with Weighted Achievement for Subgroups



School Value-added Growth Score for Subgroups

Subgroup	Value-added Growth Score	Number of Students
All Students	83.09	186
Black or African American	81.8	107
Hispanic/Latino	87.1	32
White	84.1	34
Economically Disadvantaged	83.19	118
English Learners	87.53	22
Students with Disabilities	79.89	23

School Value-added Growth Score by Subgroup for 2019 - 2022



Population	2019 School Value Added Growth Score	2021 School Value Added Growth Score	2022 School Value Added Growth Score
All Students	82.34	82.81	83.09



Population	2019 School Value Added Growth Score	2021 School Value Added Growth Score	2022 School Value Added Growth Score
Black or African American	82.35	82.46	81.8
Hispanic/Latino	81.2	81.86	87.1
White	82.43	84.53	84.1
Economically Disadvantaged	81.55	83.04	83.19
English Learners	82.29	82.38	87.53
Students with Disabilities	84.84	88.37	79.89



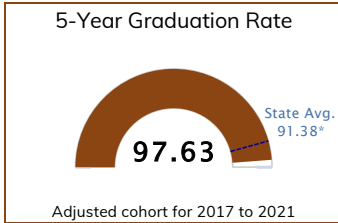
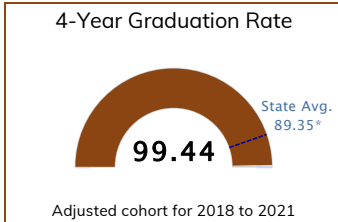
2022 ESSA School Index: Adjusted Cohort Graduation Rates

6047703 - Estem High School
6047700 - Estem Public Charter School

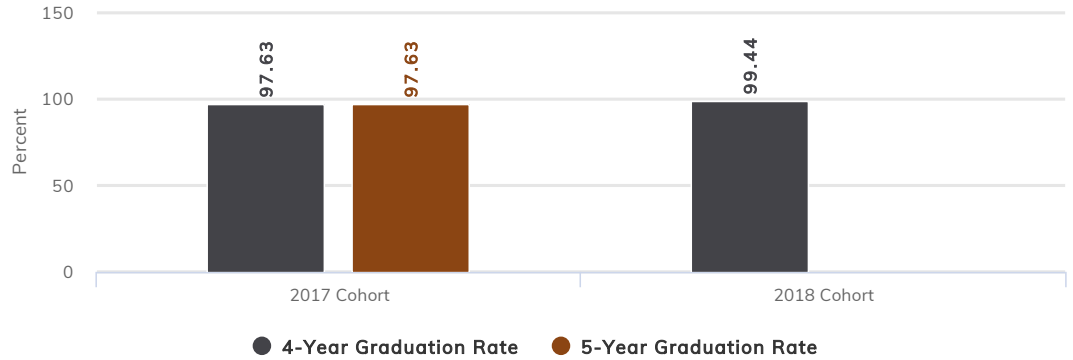
[Understanding Graduation Rates](#)

Grade Range	10-12
Grade Span	3 - High School Level

2021 4-Year and 5-Year Adjusted Cohort Graduation Rates



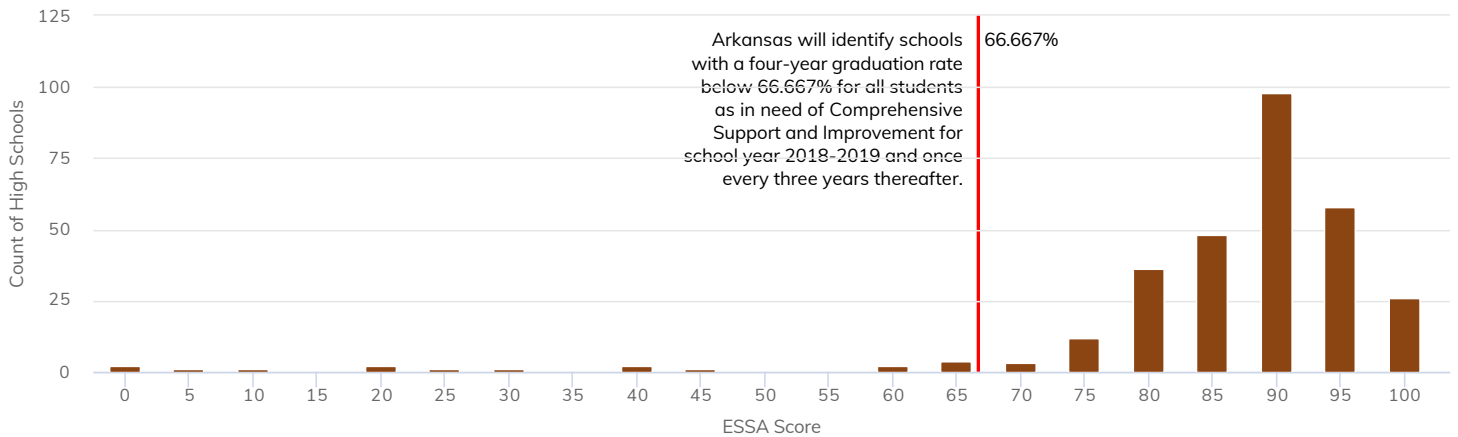
* State averages are the average graduation rate across all high schools in Arkansas.



	4-Year Graduation Rate	5-Year Graduation Rate
2017 Cohort	97.63	97.63
2018 Cohort	99.44	-

Graduation Rates used in the ESSA School Index are lagged one year.

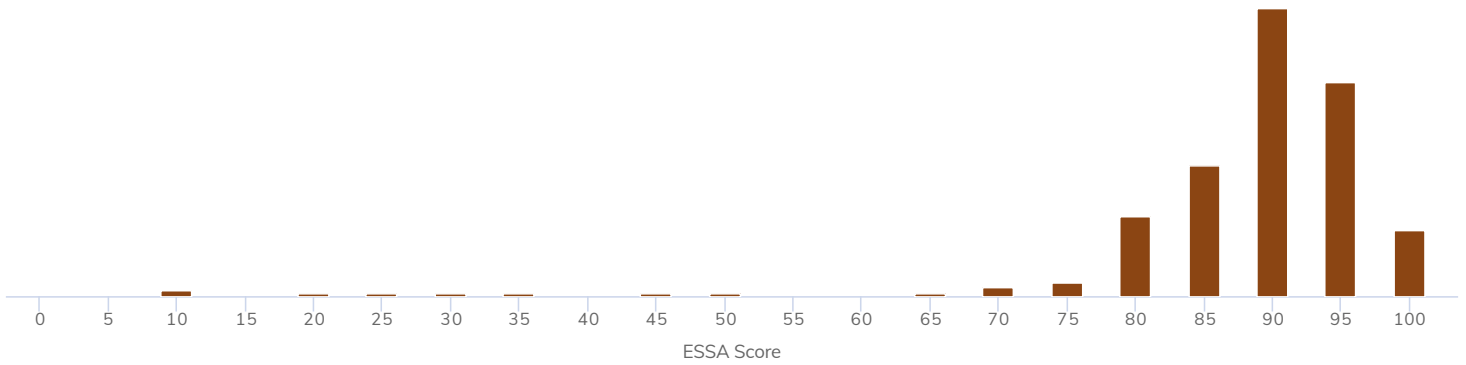
2021 State Distribution of School Four-Year Adjusted Cohort Graduation Rates



The score 99.44 falls in the 95-100 bar of the state distribution of the four-year adjusted cohort graduation rates for the High School Level grade span.

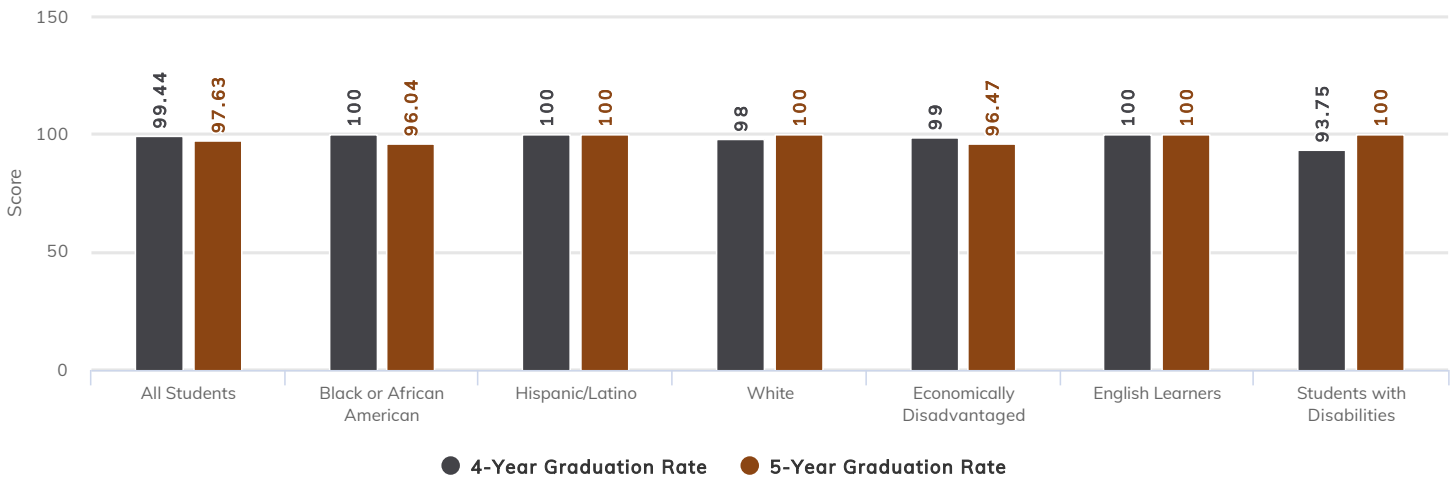


2021 State Distribution of School Five-Year Adjusted Cohort Graduation Rates



The score 97.63 falls in the 95-100 bar of the state distribution of the five-year adjusted cohort graduation rates for the High School Level grade span.

2021 Adjusted Cohort Graduation Rates By Subgroup



Population	4-Year Graduation Rate	5-Year Graduation Rate
All Students	99.44	97.63
Black or African American	100	96.04
Hispanic/Latino	100	100
White	98	100
Economically Disadvantaged	99	96.47
English Learners	100	100
Students with Disabilities	93.75	100



Table of Actual & Expected Graduates

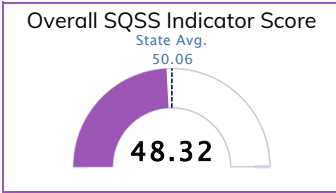
Subgroup	# Expected Graduates: 4-year	# Actual Graduates: 4-year	# Expected Graduates: 5-year	# Actual Graduates: 5-year
All Students	180	179	169	165
Black or African American	97	97	101	97
Hispanic/Latino	20	20	19	19
White	50	49	41	41
Economically Disadvantaged	100	99	85	82
English Learners	8	8	6	6
Students with Disabilities	16	15	21	21



2022 ESSA School Index: School Quality and Student Success (SQSS)

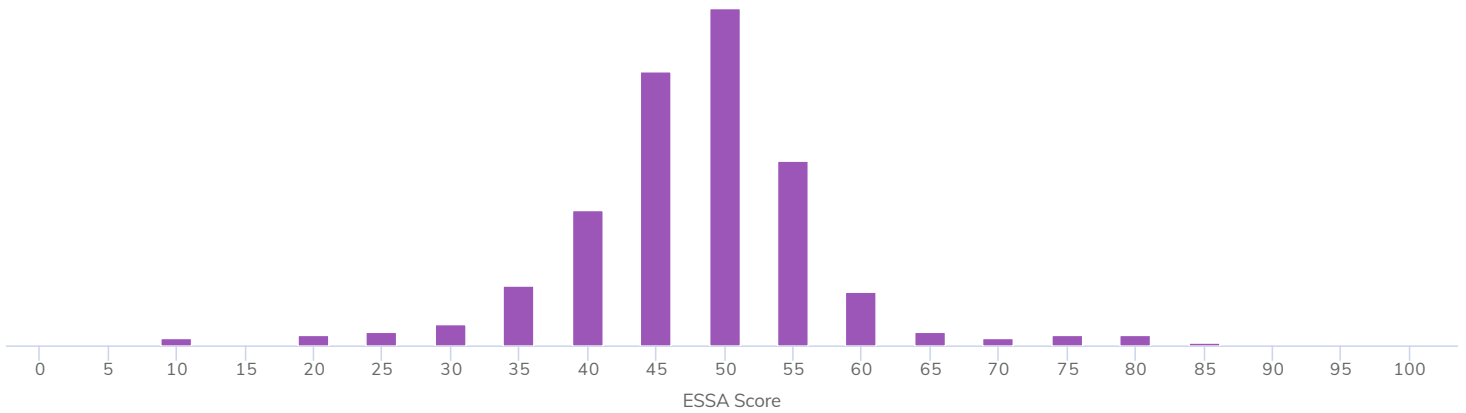
6047703 - Estem High School
6047700 - Estem Public Charter School

[Understanding the SQSS Indicator](#)



Grade Range	10-12
Grade Span	3 - High School Level

State Distribution of School-Level Overall SQSS Scores



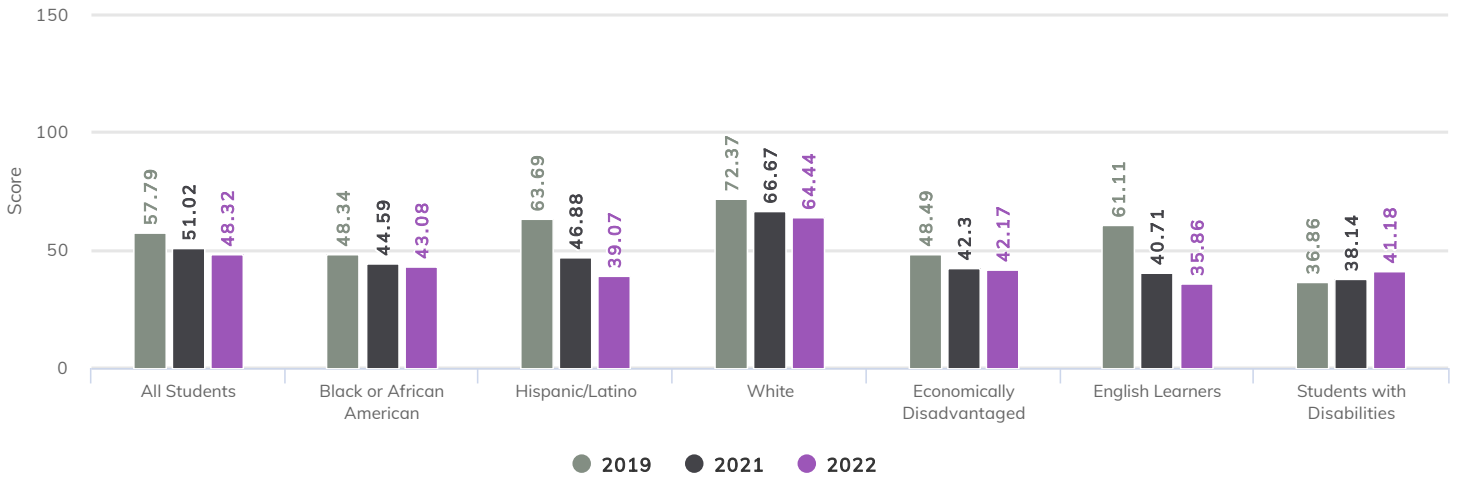
The School Quality and Student Success (SQSS) indicator combines measures of engagement, access, readiness, completion, and success criteria. Each measure focuses on the extent to which students are meeting important educational milestones (such as reading proficiently), important readiness criteria (minimum ACT score of 19 for Arkansas Academic Challenge Scholarship), and important postsecondary success indicators (attainment of AP, IB, concurrent credits).

Overall SQSS Points Table

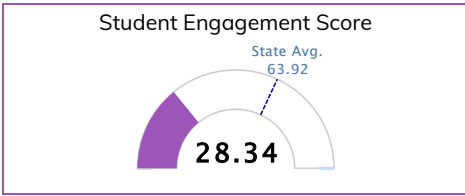
Total Students	Total # Points Possible	Total # Points Earned
499	2029	980.5
Score: $(980.5 / 2029) * 100 = 48.32$		



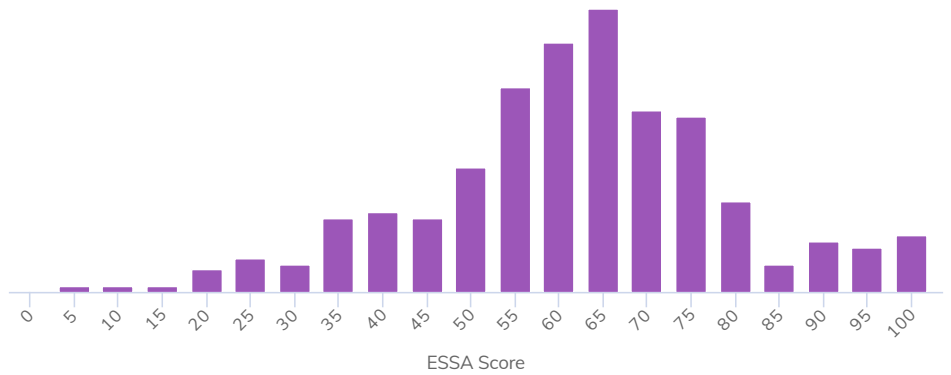
SQSS Overall Indicator Score by Subgroup



Population	2019 Index Score	2021 Index Score	2022 Index Score
All Students	57.79	51.02	48.32
Black or African American	48.34	44.59	43.08
Hispanic/Latino	63.69	46.88	39.07
White	72.37	66.67	64.44
Economically Disadvantaged	48.49	42.3	42.17
English Learners	61.11	40.71	35.86
Students with Disabilities	36.86	38.14	41.18



State Distribution of School-Level Student Engagement

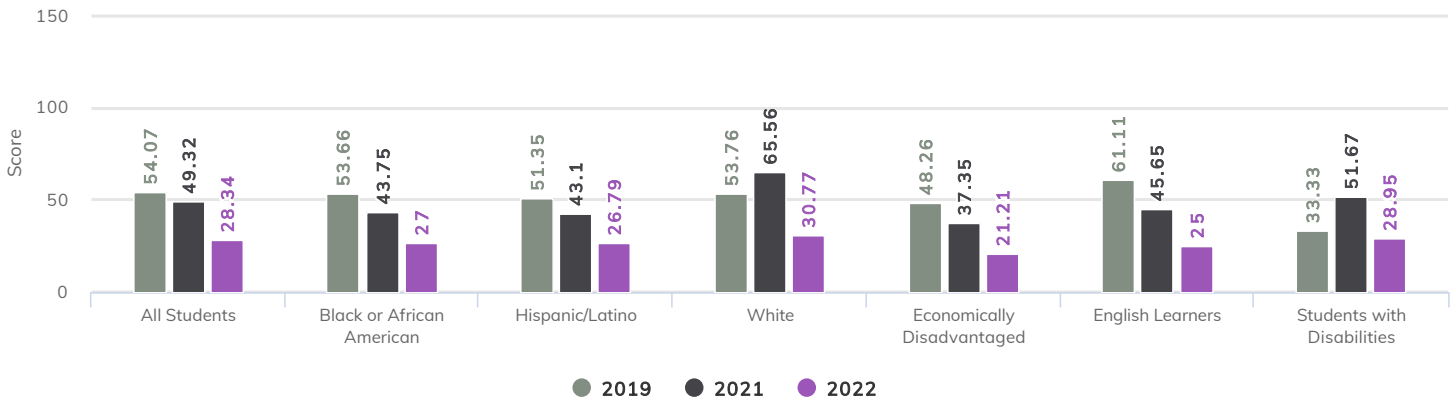


Student Engagement Points Table

Score: $(97.5 / 344) * 100 = 28.34$

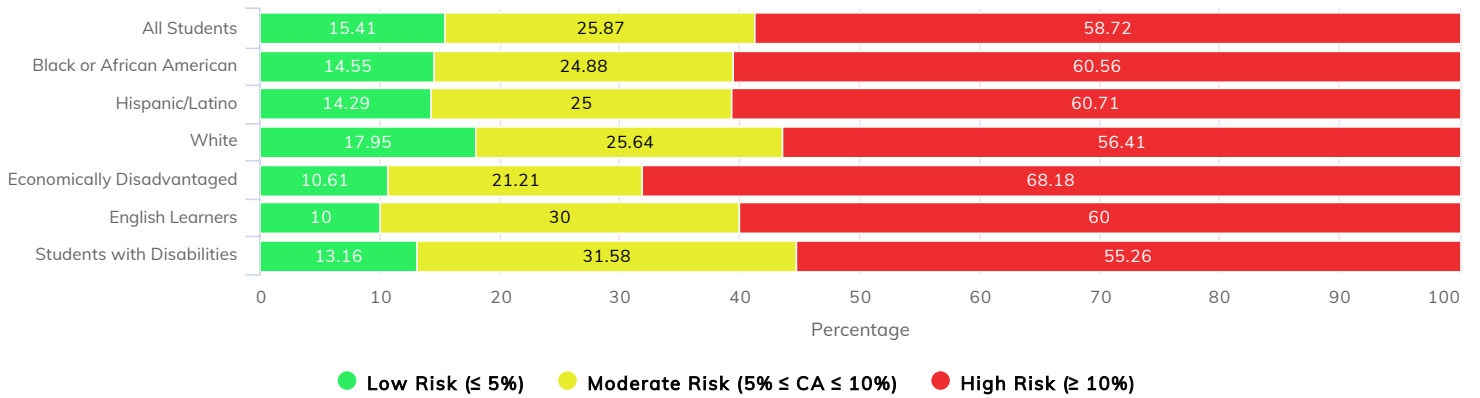
Total Students	344
Total # Points Possible	344
Total # Points Earned	97.5
Points Per Student	
Student at low risk (absent less than 5% of time enrolled)	1.0 Point
Student at moderate risk (absent 5% to less than 10% of days enrolled)	0.5 Points
Student at high risk (absent 10% or more of days enrolled)	0.0 Points

Percent of Points Earned for Student Engagement

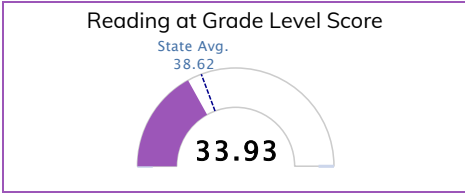




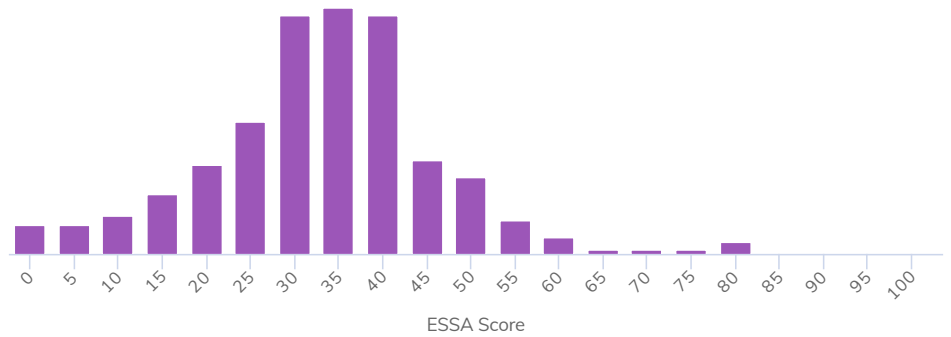
Percent of Students in Each Chronic Absence Risk Level



Population	Low Risk	Moderate Risk	High Risk
All Students	15.41	25.87	58.72
Black or African American	14.55	24.88	60.56
Hispanic/Latino	14.29	25	60.71
White	17.95	25.64	56.41
Economically Disadvantaged	10.61	21.21	68.18
English Learners	10	30	60
Students with Disabilities	13.16	31.58	55.26



State Distribution of School-Level Reading at Grade Level



Reading at Grade Level Points Table

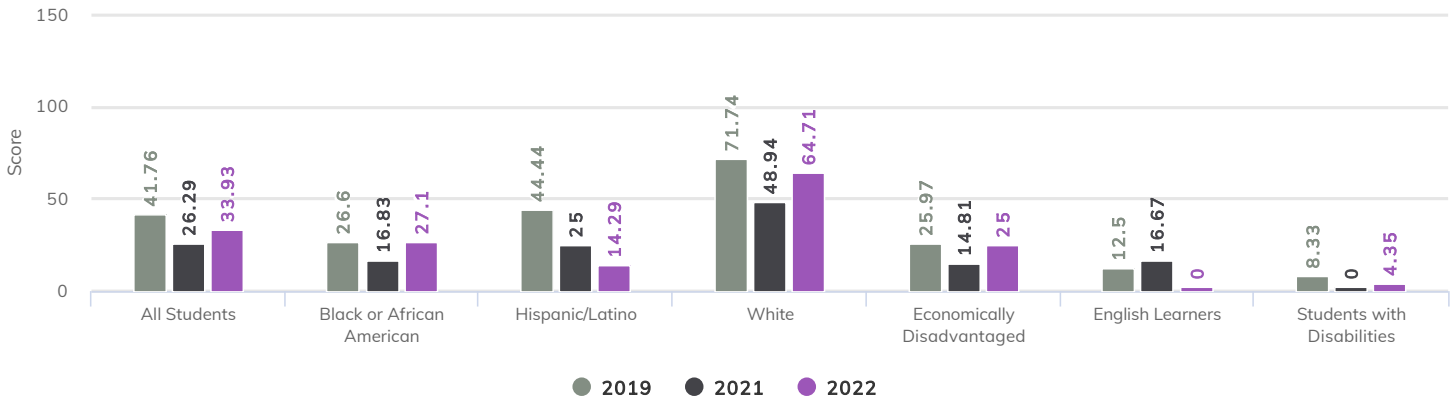
Score: $(57 / 168) * 100 = 33.93$

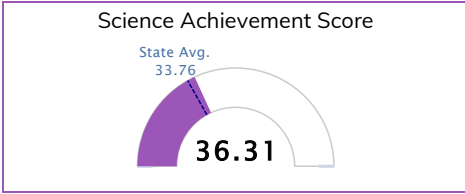
Total Students	168
Total # Points Possible	168
Total # Points Earned	57

Points Per Student

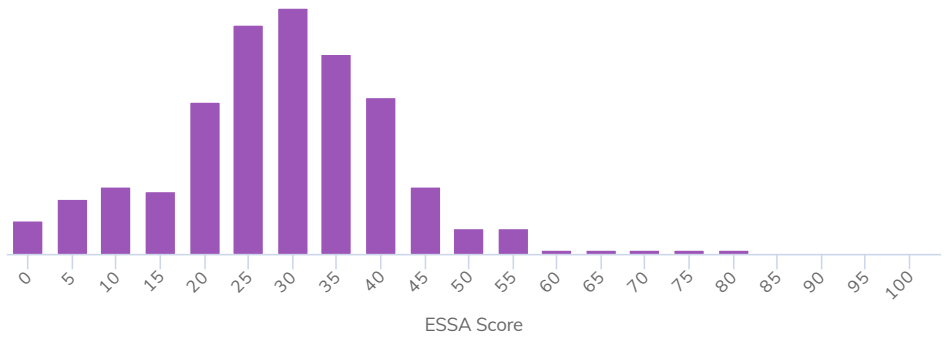
Student achieved Ready or Exceeds (ACT Aspire) in reading	1.0 Point
Student achieved below grade level	0.0 Points

Percent of Points Earned for Reading at Grade Level





State Distribution of School-Level Science Achievement



Science Achievement Points Table

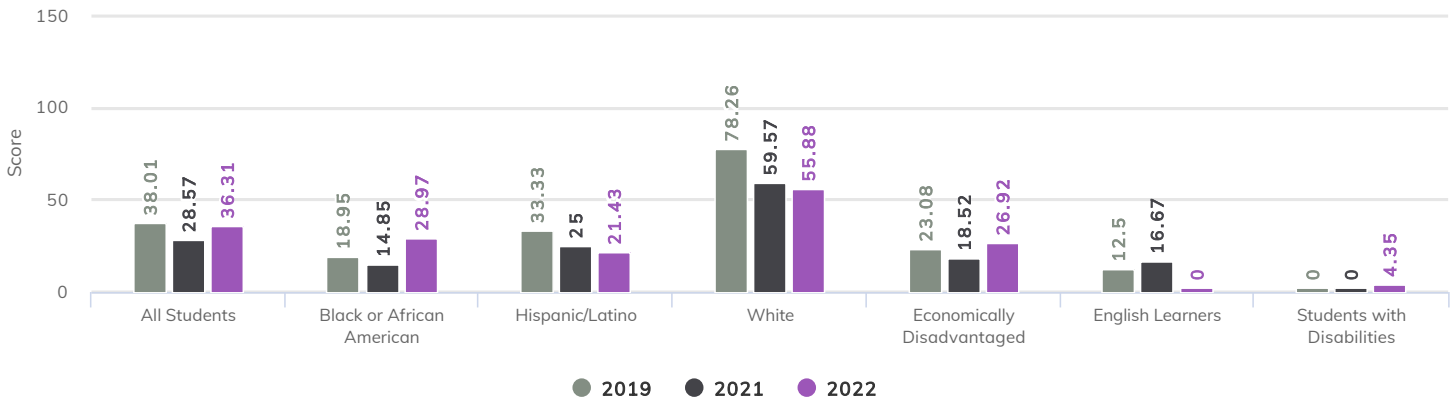
Score: $(61 / 168) * 100 = 36.31$

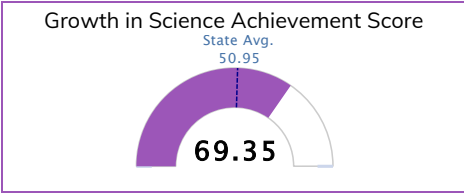
Total Students	168
Total # Points Possible	168
Total # Points Earned	61

Points Per Student

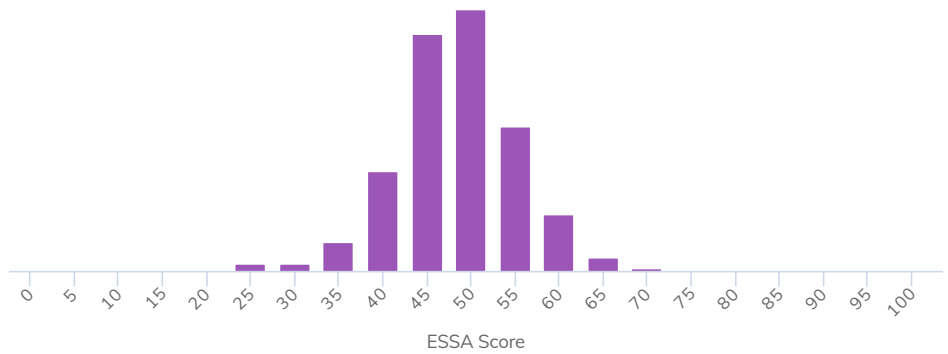
Student achieved Ready or Exceeds (ACT Aspire) in science	1.0 Point
Student achieved "At Target" or "Advanced" on the DLM, in science	1.0 Point
Student achieved below grade level	0.0 Points

Percent of Points Earned for Science Achievement





State Distribution of School-Level Growth in Science Achievement



Growth in Science Achievement Points Table

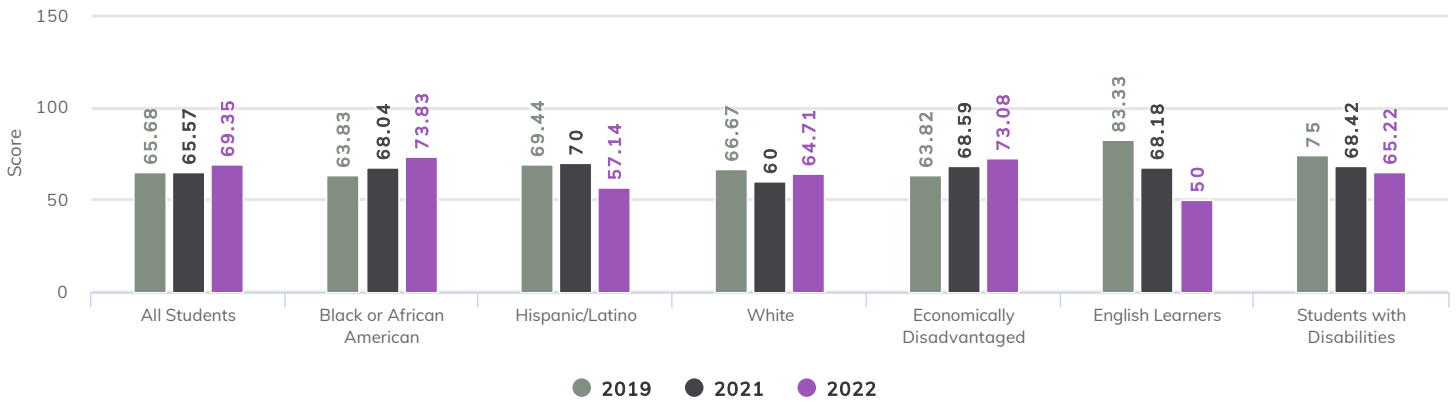
Score: $(116.5 / 168) * 100 = 69.35$

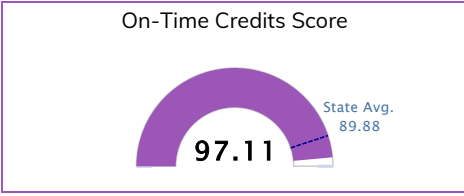
Total Students	168
Total # Points Possible	168
Total # Points Earned	116.5

Points Per Student

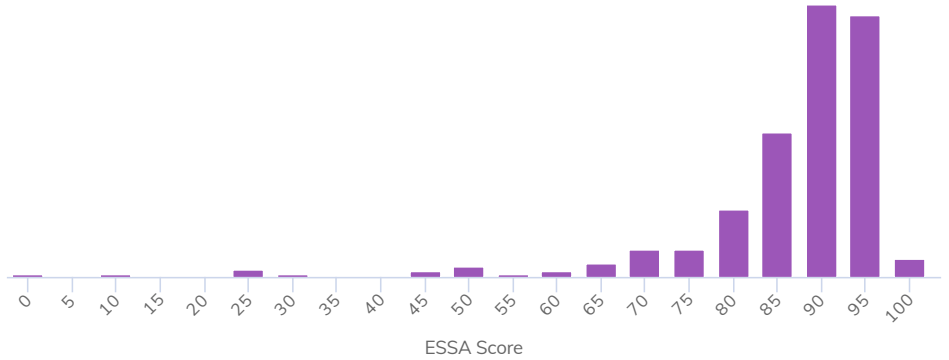
Growth at/above the 75th percentile of growth of students in the same grade	1.0 Point
Growth at/above the 25th percentile to less than 75th of growth of students in same grade	0.5 Points
Growth below the 25th percentile of growth of students in same grade	0.0 Points

Percent of Points Earned for Growth in Science Achievement





State Distribution of School-Level On-Time Credits

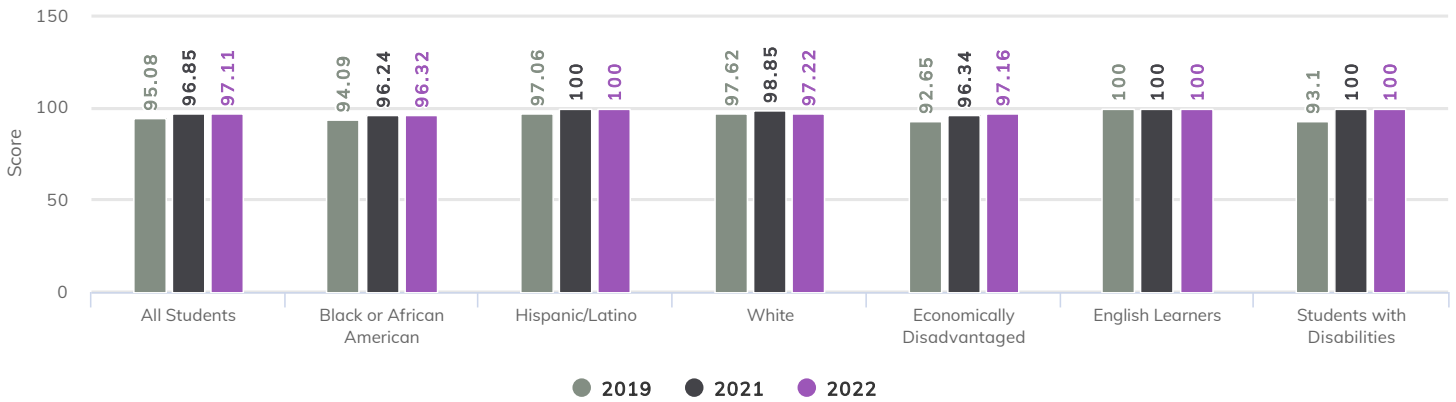


On-Time Credits Points Table

Score: $(302 / 311) * 100 = 97.11$

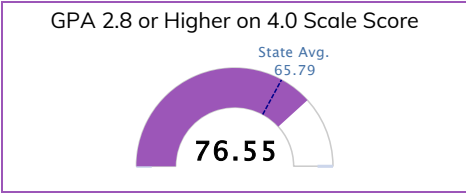
Total Students	311
Total # Points Possible	311
Total # Points Earned	302
Points Per Student	
Grade 9 completed \geq 5.5 credits	1.0 Point
Grade 10 completed \geq 11.0 credits	1.0 Point
Grade 11 completed \geq 16.5 credits	1.0 Point

Percent of Points Earned for On-Time Credits

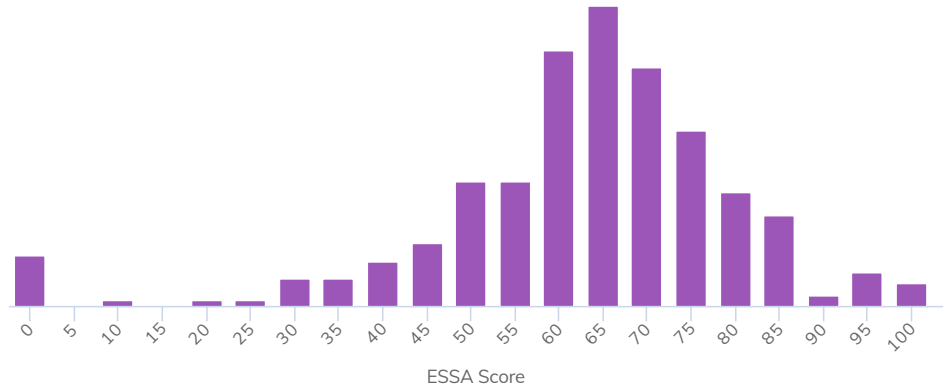


Details of On-Time Credits by Grade

	Grade 9	Grade 10	Grade 11	Total
Total Students		158	153	311
Total # Points Possible		158	153	311
Total # Points Earned		153	149	302
Percent of Points Earned	%	96.84%	97.39%	97.11%



State Distribution of School-Level GPA 2.8 or Higher on 4.0 Scale

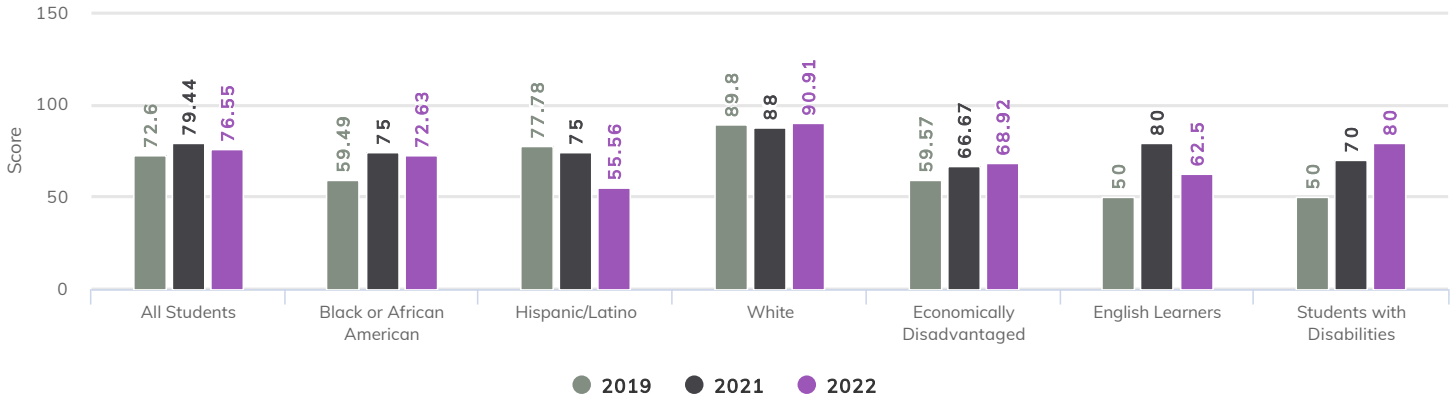


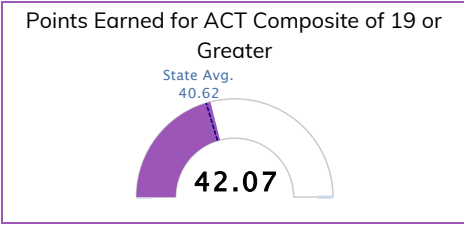
GPA 2.8 or Higher on 4.0 Scale Points Table

Score: (111 / 145) * 100 = 76.55

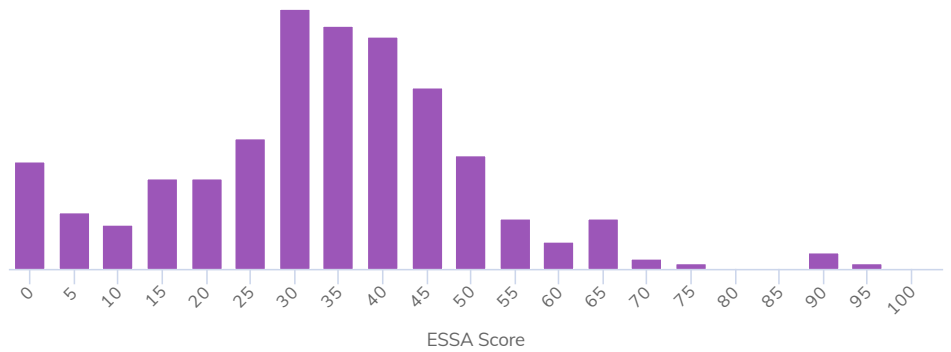
Total Students	145
Total # Points Possible	145
Total # Points Earned	111
Points Per Student	
Grade 12 final high school GPA from SIS cycle 7	
GPA 2.8 or higher	1.0 Point

Percent of Points Earned for GPA 2.8 or Higher on 4.0 Scale





State Distribution of School-Level ACT Composite of 19 or Greater



ACT Composite of 19 or Greater Points Table

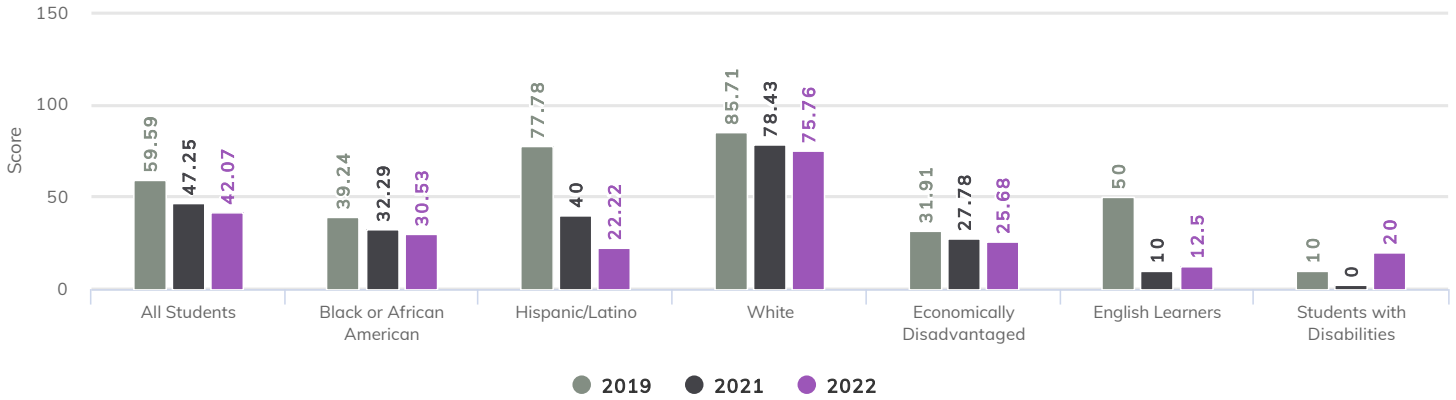
Score: $(61 / 145) * 100 = 42.07$

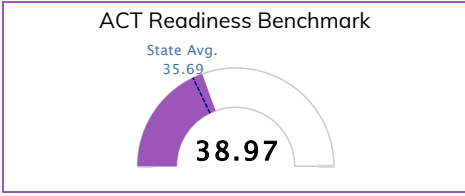
Total Students	145
Total # Points Possible	145
Total # Points Earned	61

Points Per Student

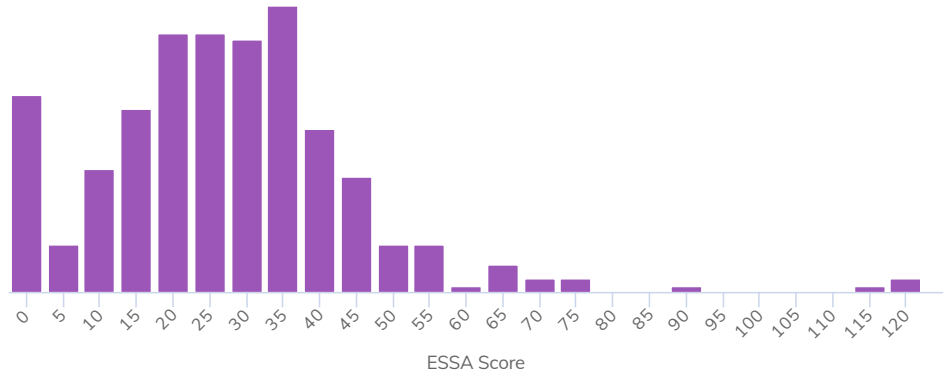
Uses best ACT scores achieved in high school	
ACT Composite score 19 or higher	1.0 Point

Percent of Points Earned for ACT Composite of 19 or Greater





State Distribution of School-Level ACT Readiness Benchmark



ACT Readiness Benchmark Points Table

Score: $(56.5 / 145) * 100 = 38.97$

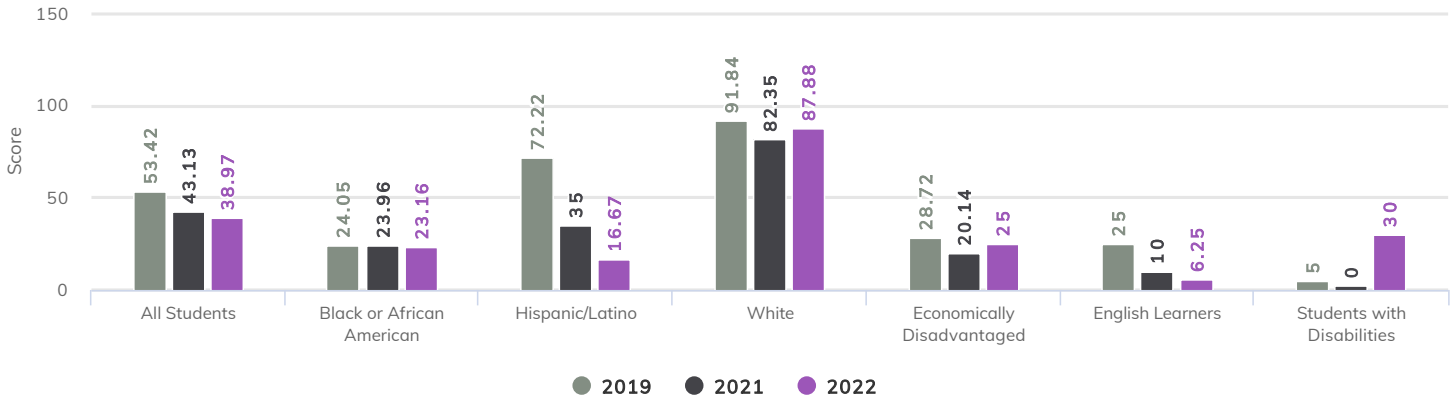
Total Students	145
Total # Points Possible	145
Total # Points Earned	56.5

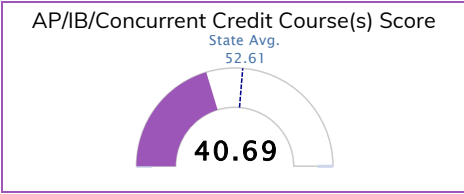
Points Per Student

Extra points earned for scoring at or above ACT's College Readiness Benchmark

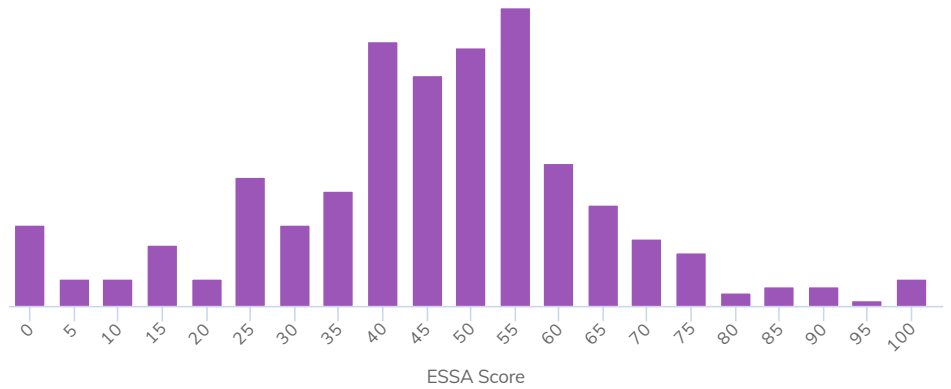
ACT Reading >= 22	0.5 Points
ACT Math >= 22	0.5 Points
ACT Science >= 23	0.5 Points

Percent of Points Earned for ACT Readiness Benchmark





State Distribution of School-Level AP/IB/Concurrent Credit Course(s)



AP/IB/Concurrent Credit Course(s) Points Table

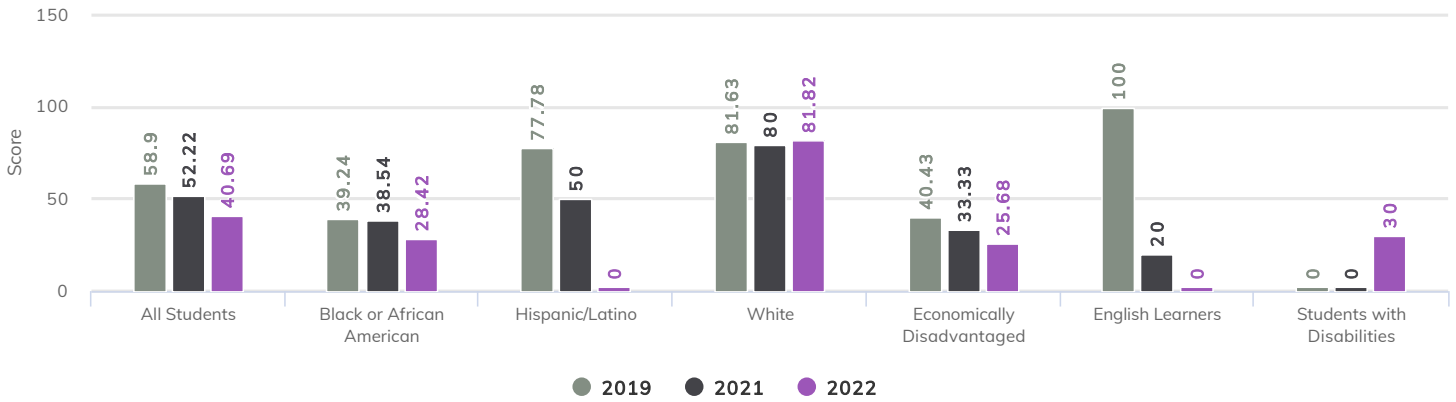
Score: $(59 / 145) * 100 = 40.69$

Total Students	145
Total # Points Possible	145
Total # Points Earned	59

Points Per Student

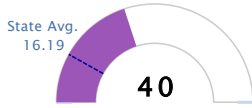
Credits earned anytime in grades 9-12	
One or more credits earned	1.0 Point

Percent of Points Earned for AP/IB/Concurrent Credit Course(s)

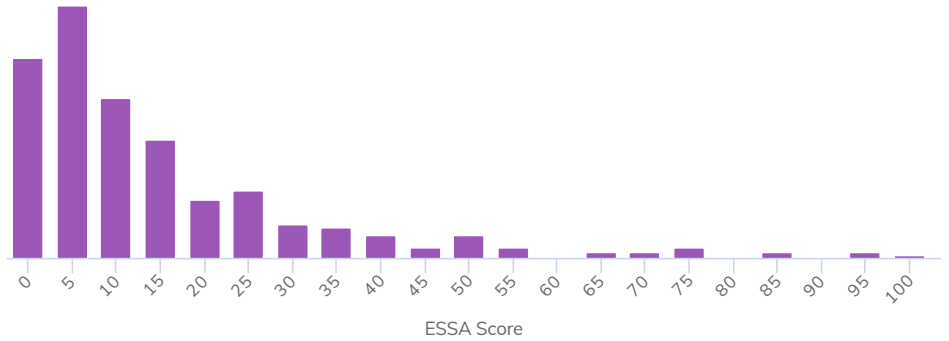




Computer Science Course Credits Score



State Distribution of School-Level Computer Science Course Credits



Computer Science Course Credits Points Table

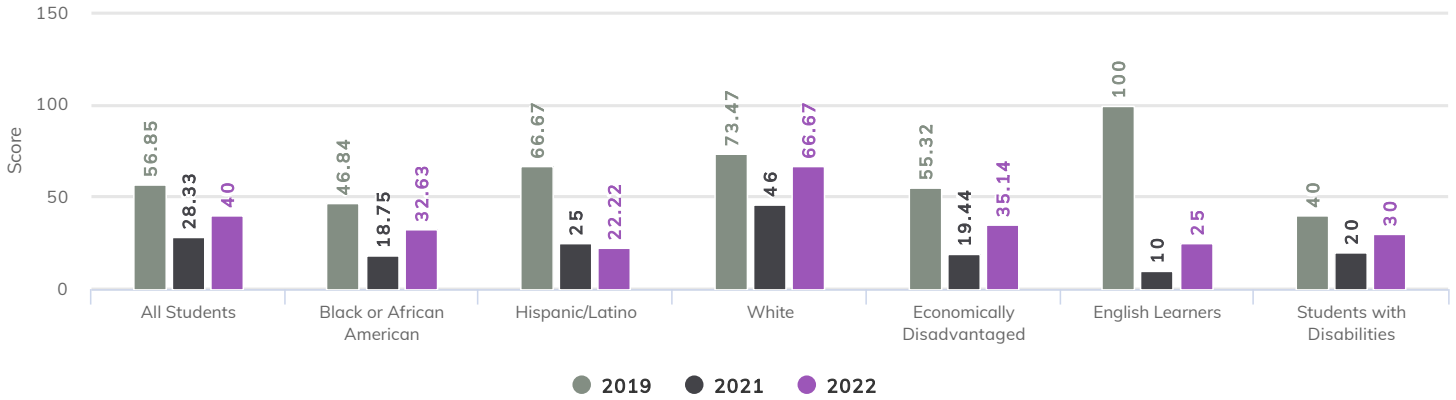
Score: $(58 / 145) * 100 = 40$

Total Students	145
Total # Points Possible	145
Total # Points Earned	58

Points Per Student

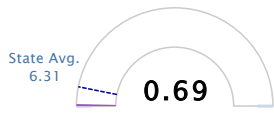
Credits earned anytime in grades 9-12	
One or more credits earned	1.0 Point

Percent of Points Earned for Computer Science Course Credits

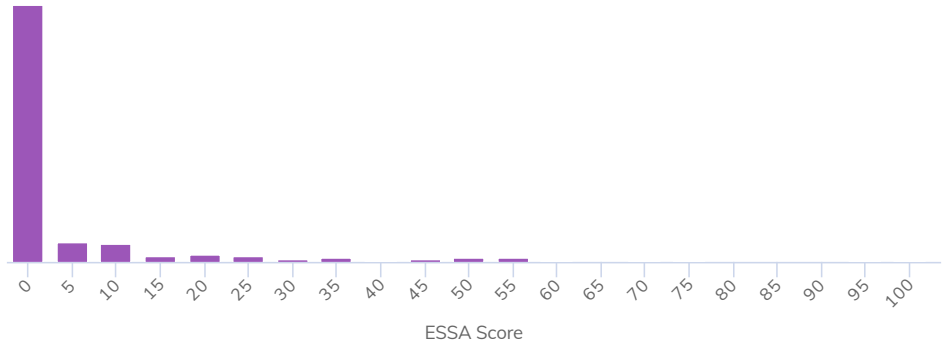




Community Service Learning Credits Earned Score



State Distribution of School-Level Community Service Learning Credits



Community Service Learning Credits Points Table

Score: $(1 / 145) * 100 = 0.69$

Total Students	145
Total # Points Possible	145
Total # Points Earned	1

Points Per Student

Credits earned anytime in grades 9-12	
One or more credits earned	1.0 Point

Percent of Points Earned for Community Service Learning Credits

