



Profile Report - State

Graduating Class 2018

Connecticut



New to your 2018 Profile Report

Though ACT will continue to report English, mathematics, reading, and science subject scores, beginning in September 2016, subscores such as rhetorical skills and arts/literature will be omitted. Instead, a comprehensive set of reporting categories aligned with ACT College and Career Readiness Standards and other standards that target college and career readiness will be included. This change will make it easier for students, parents, and educators to gain deeper insight into students' performance and better understand strengths and areas for improvement in each subject.

In this report, reporting category outcomes indicate the percentage of students with reporting category scores falling within associated ACT Readiness Ranges. These ranges reflect where a student who has met an associated ACT College Readiness Benchmark would typically perform in each reporting category.

This report includes percentage of students meeting/exceeding the ACT College Readiness Benchmark for English Language Arts (ELA). This benchmark reflects a score of 20.

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We are pleased to provide this 2018 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2018 graduates who took the ACT as sophomores, juniors, or seniors under standard- or extended-time conditions and achieved a college reportable composite score. The most recent set of test information is used in your report for students testing more than once.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students who met or exceeded ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, STEM, and (optional) ELA and writing
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College and Career Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. College and Career Readiness Standards to the Classroom interpretive guides can be found at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science, Biology, STEM and ELA. These scores were empirically derived based on the actual performance of students in college.

College Course/Course Area	ACT Score	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23
STEM	STEM	26
ELA	ELA	20

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

56% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 10,534 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 81% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.8 reports 1% of the cohort took less than three years of math courses. Of these students, 22% were college ready. 4% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 27% of these students were college ready. In comparison, 74% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.8 reports 3% of the cohort took less than three years of natural science courses. 44% of these students were college ready. In comparison, 68% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 3.1 reports the percentage of students falling in each of the ACT College and Career Readiness Standards score ranges. For example, approximately 21% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College and Career Readiness Standards at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether, among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1365 or customerservices@act.org.

Section I

Executive Summary

Figure 1.1. Average Composite Scores: 5 Years of Testing*

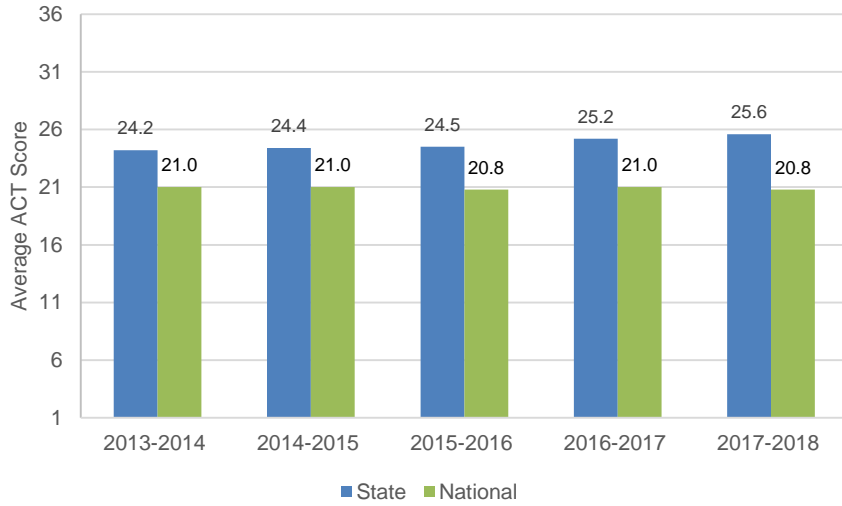


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing*

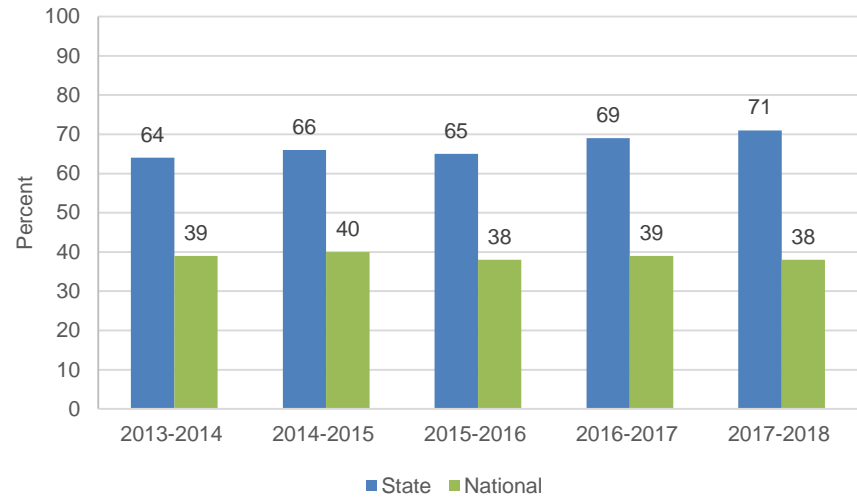


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing*

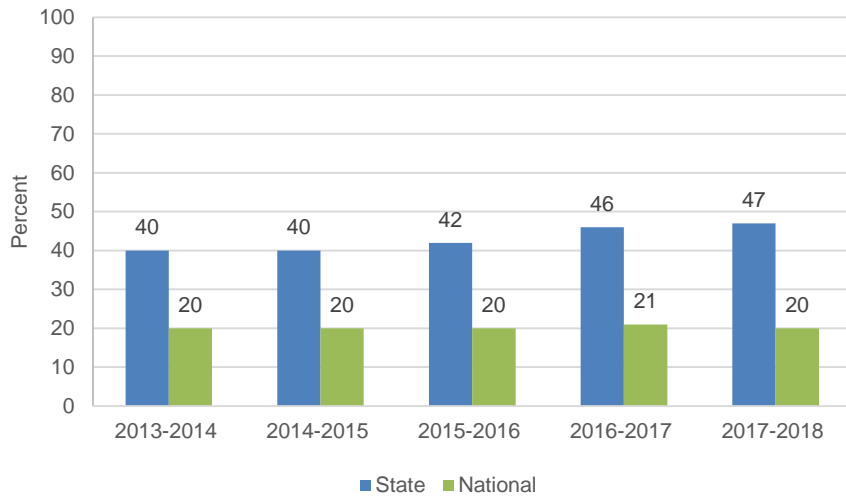
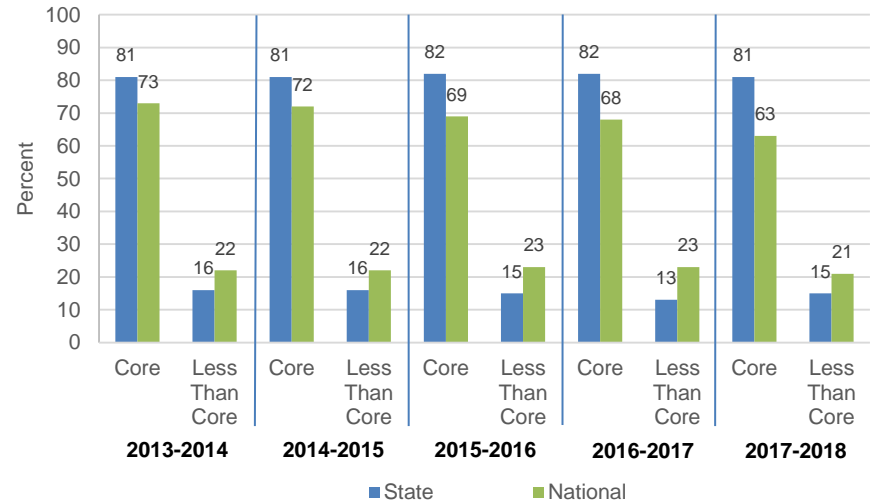


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing*



* Missing columns in above graphs reflect years in which no students were tested.

Total Students in Report: 10,534

Table 1.1. Five Year Trends—Percent of Students Who Met College Readiness Benchmarks

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
			State	National	State	National	State	National	State	National	State	National
2014	12,044	1,845,787	86	64	69	43	65	44	59	37	48	26
2015	13,175	1,924,436	86	64	68	42	68	46	61	38	50	28
2016	13,880	2,090,342	85	61	68	41	68	44	61	36	50	26
2017	12,834	2,030,038	88	61	70	41	74	47	64	37	54	27
2018	10,534	1,914,817	90	60	71	40	75	46	67	36	56	27

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2014	12,044	1,845,787	24.2	20.3	24.1	20.9	24.5	21.3	23.6	20.8	24.2	21.0
2015	13,175	1,924,436	24.5	20.4	24.1	20.8	24.7	21.4	23.8	20.9	24.4	21.0
2016	13,880	2,090,342	24.4	20.1	24.1	20.6	25.0	21.3	24.1	20.8	24.5	20.8
2017	12,834	2,030,038	25.5	20.3	24.6	20.7	25.6	21.4	24.6	21.0	25.2	21.0
2018	10,534	1,914,817	26.0	20.2	24.8	20.5	26.1	21.3	24.9	20.7	25.6	20.8

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2014	1,845,787	20.3	20.9	21.3	20.8	21.0
2015	1,924,436	20.4	20.8	21.4	20.9	21.0
2016	2,090,342	20.1	20.6	21.3	20.8	20.8
2017	2,030,038	20.3	20.7	21.4	21.0	21.0
2018	1,914,817	20.2	20.5	21.3	20.7	20.8

Total Students in Report: 10,534

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2014	9,704	1,942	81	16	24.5	23.4	24.4	23.3	24.7	23.7	23.9	22.8	24.5	23.4
2015	10,657	2,083	81	16	24.8	23.5	24.4	23.2	24.9	23.8	24.1	23.0	24.7	23.5
2016	11,337	2,109	82	15	24.7	23.5	24.4	23.4	25.2	24.1	24.3	23.2	24.8	23.7
2017	10,548	1,727	82	13	25.8	24.7	24.8	24.0	25.9	24.8	24.8	24.0	25.4	24.5
2018	8,522	1,548	81	15	26.2	25.5	25.0	24.3	26.3	25.6	25.1	24.4	25.8	25.1

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

Race/Ethnicity	2014			2015			2016			2017			2018		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	12,044	100	24.2	13,175	100	24.4	13,880	100	24.5	12,834	100	25.2	10,534	100	25.6
Black/African American	614	5	19.1	694	5	19.2	772	6	19.7	599	5	20.0	458	4	20.6
American Indian/Alaska Native	20	0	20.5	21	0	22.1	23	0	23.2	22	0	23.5	26	0	24.6
White	8,496	71	24.6	9,245	70	24.8	9,428	68	25.0	8,728	68	25.6	7,061	67	25.9
Hispanic/Latino	937	8	22.1	1,020	8	22.2	1,108	8	22.1	1,087	8	23.0	856	8	23.0
Asian	694	6	25.6	792	6	25.8	942	7	25.9	893	7	27.0	758	7	27.8
Native Hawaiian/Other Pacific Islander	13	0	23.2	16	0	27.0	14	0	24.1	16	0	22.4	7	0	25.1
Two or more races	308	3	23.8	358	3	24.4	407	3	24.2	336	3	25.3	383	4	25.2
Prefer not to respond/No response	962	8	25.2	1,029	8	25.2	1,186	9	25.2	1,153	9	26.0	985	9	26.1

Total Students in Report: 10,534

Table 1.6. Five Year Trends—Achievement in STEM¹

Year	All Tested Students						Students Meeting STEM Benchmarks			
	Number of Students Tested		Avg. STEM Score		Percent Meeting STEM Benchmark		Avg. Mathematics Score		Avg. Science Score	
	State	National	State	National	State	National	State	National	State	National
2014	12,044	1,845,787	24.1	21.1	40	20	29.2	28.7	28.6	28.3
2015	13,175	1,924,436	24.2	21.1	40	20	29.2	28.7	28.6	28.4
2016	13,880	2,090,342	24.3	20.9	42	20	29.1	28.7	28.9	28.6
2017	12,834	2,030,038	24.9	21.1	46	21	29.4	28.7	29.2	28.7
2018	10,534	1,914,817	25.1	20.9	47	20	29.5	28.8	29.4	28.8

¹The STEM score describes students' overall proficiency in mathematics and science.

Table 1.7. Proficiency In Understanding Complex Texts¹

Year	Text Complexity Proficiency Level																	
	Below Proficient						Proficient						Above Proficient					
	N		Percent		Avg. Reading		N		Percent		Avg. Reading		N		Percent		Avg. Reading	
State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	
2014	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2015	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2016	2,392	485,762	17	23	17.4	17.0	2,680	322,548	19	15	24.1	23.6	3,009	235,380	22	11	30.9	30.3
2017	3,108	999,708	24	49	17.7	16.2	4,338	596,096	34	29	24.2	23.4	5,349	427,075	42	21	31.4	30.8
2018	2,622	1,010,339	25	53	18.1	16.3	3,101	492,937	29	26	24.3	23.6	4,811	411,541	46	21	31.7	31.0

¹The text complexity indicator, beginning in Fall 2015, represents students' progress toward understanding complex written material often encountered in college and careers.

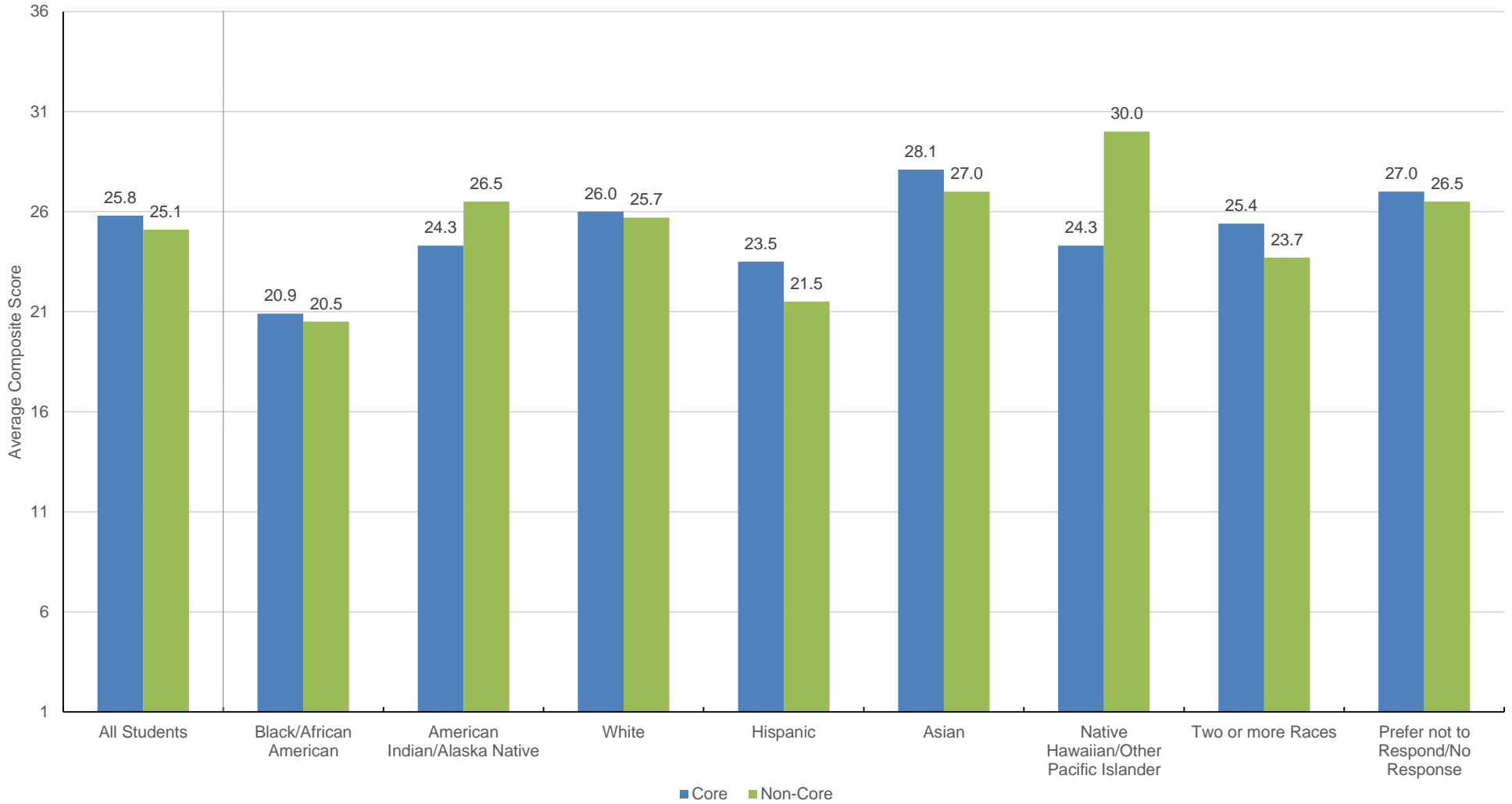
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Section II

Academic Achievement

Total Students in Report: 10,534

Figure 2.1. Average ACT Composite Scores by Race and Core Curriculum Status*



*Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Total Students in Report: 10,534

Table 2.1. ACT Score Distributions, Cumulative Percents (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		STEM		ELA ²		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
36	361	100	136	100	383	100	256	100	68	100	134	100	3	100	36
35	974	97	298	99	666	96	245	98	306	99	255	99	33	99	35
34	636	87	316	96	681	90	396	95	392	96	285	96	127	99	34
33	372	81	295	93	568	84	344	91	447	93	339	94	276	98	33
32	342	78	271	90	591	78	188	88	514	88	359	90	356	94	32
31	343	75	428	88	490	73	443	86	548	84	441	87	456	88	31
30	325	71	478	83	520	68	438	82	565	78	518	83	491	82	30
29	398	68	539	79	231	63	422	78	605	73	578	78	450	74	29
28	351	64	708	74	488	61	529	74	625	67	577	72	448	68	28
27	550	61	829	67	446	56	522	69	599	61	690	67	429	61	27
26	583	56	866	59	466	52	557	64	653	56	793	60	470	55	26
25	645	50	675	51	463	48	966	59	716	49	788	53	451	48	25
24	825	44	603	45	635	43	840	50	709	43	752	45	459	42	24
23	740	36	605	39	626	37	910	42	623	36	642	38	420	35	23
22	592	29	408	33	637	31	678	33	623	30	621	32	399	29	22
21	495	24	383	29	455	25	613	27	544	24	518	26	348	23	21
20	448	19	453	26	409	21	459	21	483	19	509	21	283	18	20
19	251	15	326	21	432	17	455	16	390	14	468	16	246	14	19
18	230	12	521	18	251	13	388	12	306	11	380	12	160	10	18
17	234	10	464	13	324	10	224	8	259	8	340	8	149	8	17
16	234	8	482	9	192	7	217	6	198	5	224	5	120	5	16
15	198	6	250	4	166	6	144	4	154	3	165	3	87	4	15
14	119	4	151	2	164	4	107	3	106	2	86	1	51	2	14
13	86	3	39	1	105	2	60	2	65	1	40	1	44	2	13
12	67	2	4	1	59	1	52	1	22	1	24	1	27	1	12
11	74	1	4	1	50	1	35	1	11	1	7	1	17	1	11
10	35	1	2	1	15	1	21	1	2	1	1	1	9	1	10
9	18	1	0	1	12	1	13	1	1	1	0	1	12	1	9
8	6	1	0	1	4	1	6	1	0	1	0	1	0	1	8
7	0	1	0	1	2	1	4	1	0	1	0	1	1	1	7
6	1	1	0	1	3	1	2	1	0	1	0	1	1	1	6
5	1	1	0	1	0	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	26.0 (6.4)		24.8 (5.6)		26.1 (6.4)		24.9 (5.5)		25.6 (5.4)		25.1 (5.3)		25.4 (5.1)		Avg (SD)

¹ CP is the cumulative percent of students at or below a score point.

² ELA scores are derived only for students with a valid writing score.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Figure 2.2. English Reporting Categories¹

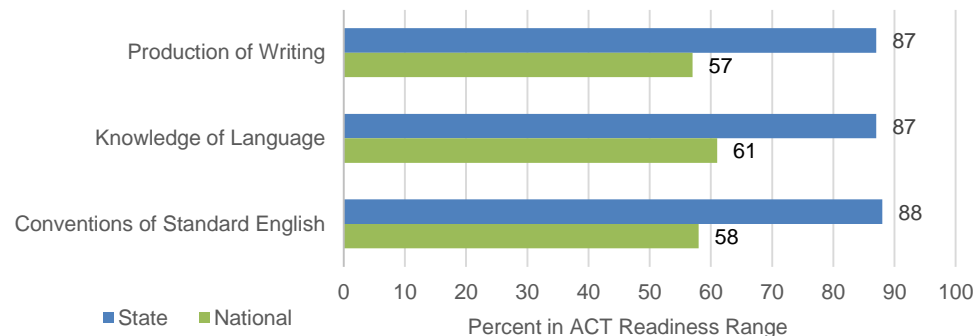


Figure 2.3. Math Reporting Categories¹

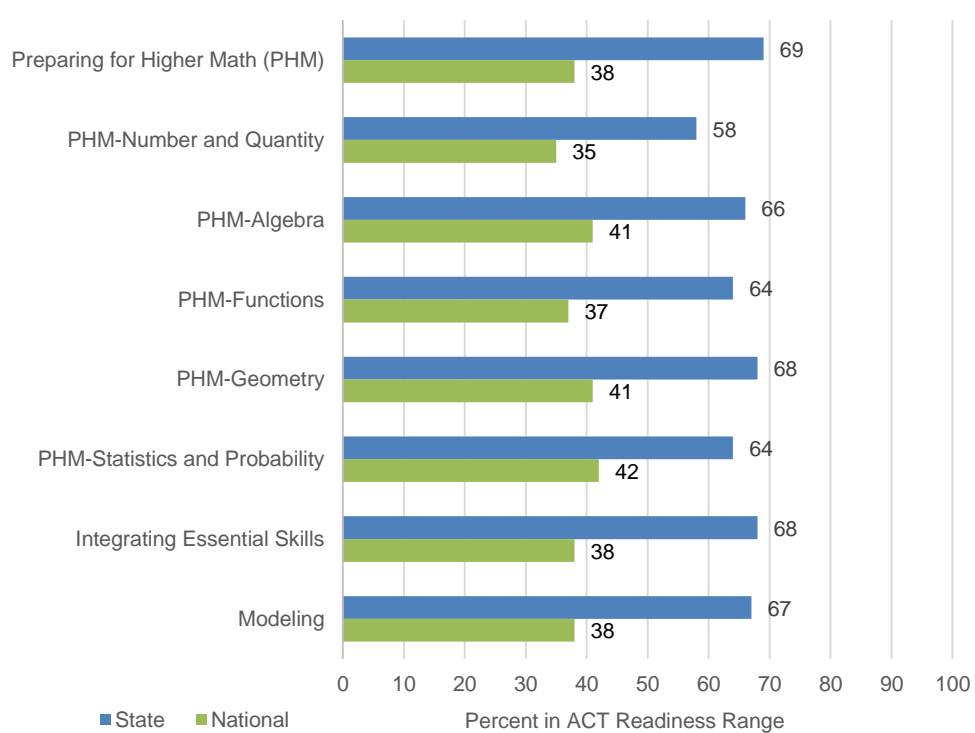


Figure 2.4. Reading Reporting Categories¹

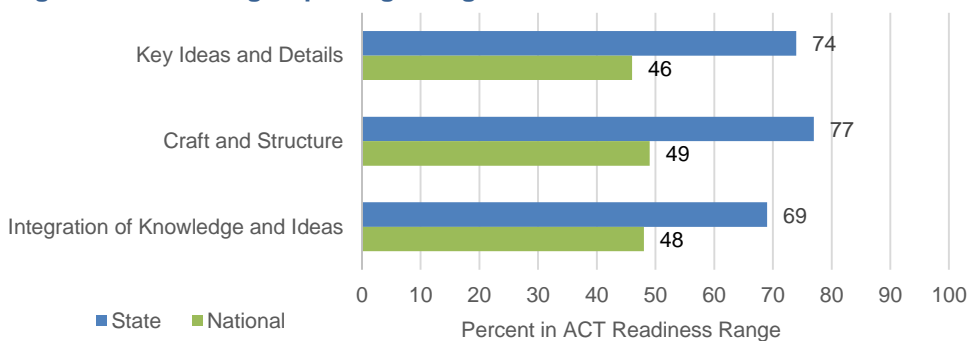
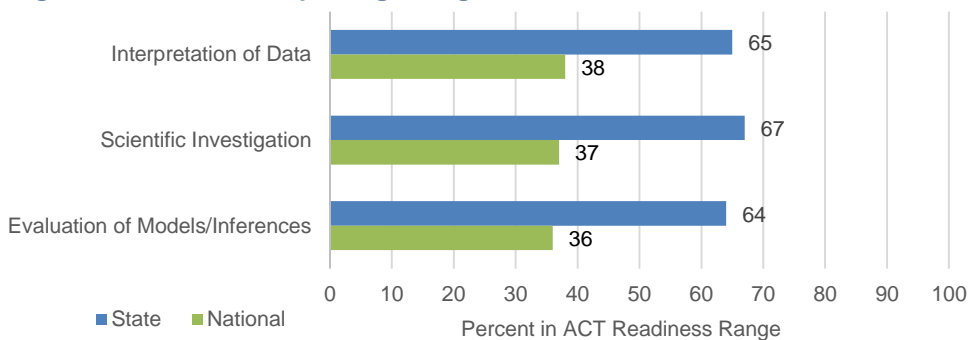


Figure 2.5. Science Reporting Categories¹



The charts on this page show the percent of students whose reporting category scores fall within associated ACT Readiness Ranges. ACT Readiness Ranges reflect where a student who has met a particular subject area's ACT College Readiness Benchmark would typically perform within the associated reporting category.

¹ Reporting Categories are reported only for testing events beginning September 2016.

Total Students in Report: 10,534

Table 2.2. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	10,534	81	25.8	25.1
	Black/African American	458	74	20.9	20.5
	American Indian/Alaska Native	26	85	24.3	26.5
	White	7,061	85	26.0	25.7
	Hispanic/Latino	856	80	23.5	21.5
	Asian	758	79	28.1	27.0
	Native Hawaiian/Other Pacific Islander	7	86	24.3	30.0
	Two or More Races	383	83	25.4	23.7
	Prefer not/No Response	985	57	27.0	26.5
National	All Students	1,914,817	63	22.2	19.0
	Black/African American	243,080	58	17.9	15.9
	American Indian/Alaska Native	15,449	51	18.5	16.4
	White	996,712	67	23.4	20.2
	Hispanic/Latino	307,358	63	19.9	17.5
	Asian	91,899	75	25.4	22.8
	Native Hawaiian/Other Pacific Islander	5,753	53	20.0	16.6
	Two or More Races	85,316	64	22.3	19.4
	Prefer not/No Response	169,250	36	22.6	18.1

¹ "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.3. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
Black/African American	458	4	20.5	20.0	21.1	20.3	20.6	20.4	
American Indian/Alaska Native	26	0	24.9	24.3	24.3	23.8	24.6	24.3	
White	7,061	67	26.4	25.1	26.5	25.2	25.9	25.4	
Hispanic/Latino	856	8	23.1	22.2	23.7	22.4	23.0	22.5	
Asian	758	7	28.0	28.4	27.4	27.1	27.8	28.0	
Native Hawaiian/Other Pacific Islander	7	0	27.3	23.7	24.3	24.7	25.1	24.6	
Two or More Races	383	4	25.7	24.1	25.9	24.4	25.2	24.5	
Prefer not/No Response	985	9	26.4	25.1	27.1	25.3	26.1	25.5	
National	All Students	1,914,817	100	20.2	20.5	21.3	20.7	20.8	20.9
	Black/African American	243,080	13	15.8	16.9	17.3	17.1	16.9	17.3
	American Indian/Alaska Native	15,449	1	15.9	17.4	17.7	17.7	17.3	17.8
	White	996,712	52	21.9	21.7	22.8	22.0	22.2	22.1
	Hispanic/Latino	307,358	16	17.8	18.8	19.3	18.9	18.8	19.1
	Asian	91,899	5	24.1	25.1	24.2	24.1	24.5	24.9
	Native Hawaiian/Other Pacific Islander	5,753	0	17.2	18.4	18.3	18.3	18.2	18.6
	Two or More Races	85,316	4	20.6	20.6	21.8	20.9	21.1	21.0
	Prefer not/No Response	169,250	9	19.0	19.6	20.3	19.8	19.8	19.9

Total Students in Report: 10,534

Table 2.4. Average ACT Composite Scores for Gender by Level of Preparation

Student Group	Gender	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	Males	4,665	80	26.1	25.0
	Females	5,866	82	25.5	25.1
	No Response	3	33	14.0	16.0
National	Males	893,610	61	22.4	18.6
	Females	991,975	66	22.0	19.3
	No Response	29,232	13	18.6	16.6

¹ "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Gender

Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	Males	4,665	44	25.6	25.7	25.9	25.5	25.8	25.8
	Females	5,866	56	26.3	24.1	26.3	24.4	25.4	24.5
	No Response	3	0	11.0	18.3	15.0	15.7	15.0	17.3
National	Males	893,610	47	19.7	20.9	21.0	20.9	20.8	21.2
	Females	991,975	52	20.7	20.2	21.7	20.6	20.9	20.7
	No Response	29,232	2	16.6	17.6	17.9	17.8	17.6	18.0

Table 2.6. ACT Score Quartile Values

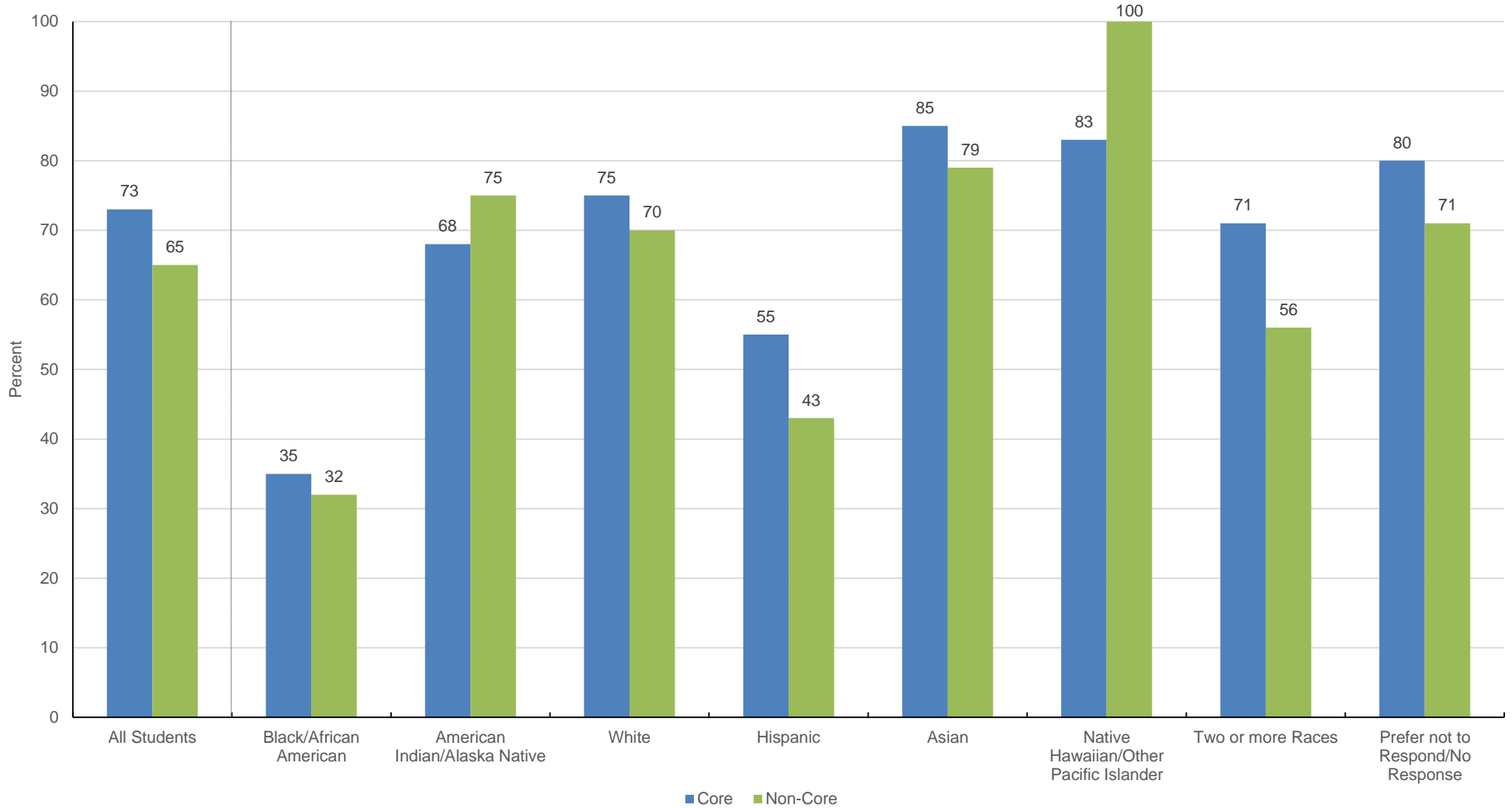
Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	32	29	32	29	30
Q2 (50th Percentile)	25	25	26	25	26
Q1 (25th Percentile)	22	20	21	21	22

Section III

College and Career Readiness and the Impact of Course Rigor

Total Students in Report: 10,534

Figure 3.1. Percent of Students Meeting 3 or 4 College Readiness Benchmarks by Core College Curriculum Status*



*Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Total Students in Report: 10,534

Table 3.1. Percent of Students in College and Career Readiness Standards (CCRS) Score Ranges

Student Group	CCRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	2,343	22	1,045	10	2,298	22	1,241	12
	28 to 32	1,759	17	2,424	23	2,320	22	2,020	19
	24 to 27	2,603	25	2,973	28	2,010	19	2,885	27
	20 to 23	2,275	22	1,849	18	2,127	20	2,660	25
	16 to 19	949	9	1,793	17	1,199	11	1,284	12
	13 to 15	403	4	440	4	435	4	311	3
	01 to 12	202	2	10	0	145	1	133	1
National	33 to 36	143,563	7	58,709	3	156,351	8	75,063	4
	28 to 32	154,254	8	177,068	9	232,703	12	154,978	8
	24 to 27	282,672	15	353,837	18	260,556	14	331,549	17
	20 to 23	411,089	21	324,319	17	433,162	23	513,463	27
	16 to 19	344,616	18	621,963	32	405,666	21	489,899	26
	13 to 15	304,484	16	357,972	19	257,877	13	232,220	12
	01 to 12	274,139	14	20,949	1	168,502	9	117,645	6

Table 3.2. Percent of Students Who Met College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	89	75	74	70	59
	Females	91	68	76	64	54
	No Response	0	0	0	0	0
National	Males	57	43	44	38	28
	Females	64	37	48	35	26
	No Response	38	18	25	17	10

Total Students in Report: 10,534

Table 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity

Student Group	Race/Ethnicity	N	English %	Mathematics %	Reading %	Science %	All Four %	STEM %
State	All Students	10,534	90	71	75	67	56	47
	Black/African American	458	62	34	43	31	22	16
	American Indian/Alaska Native	26	92	69	77	58	46	35
	White	7,061	93	74	78	70	59	49
	Hispanic/Latino	856	79	51	60	48	37	29
	Asian	758	93	87	80	79	70	67
	Native Hawaiian/Other Pacific Islander	7	100	57	71	86	29	43
	Two or More Races	383	89	66	73	65	56	45
	Prefer Not to Respond	985	88	72	78	69	60	50
National	All Students	1,914,817	60	40	46	36	27	20
	Black/African American	243,080	32	13	20	11	6	3
	American Indian/Alaska Native	15,449	32	15	23	15	8	5
	White	996,712	72	49	56	46	34	26
	Hispanic/Latino	307,358	46	26	33	22	15	10
	Asian	91,899	77	69	62	59	49	46
	Native Hawaiian/Other Pacific Islander	5,753	41	24	27	21	14	10
	Two or More Races	85,316	63	39	48	37	27	20
	Prefer Not to Respond	169,250	50	32	39	31	23	18

Table 3.4. Likely ACT National Career Readiness Certificate (NCRC) Level Based Upon ACT Composite Score¹

Student Group	ACT NCRC Level ²	N	%	Average Composite
State	Gold or Higher	6,038	57	29.4
	Silver	3,937	37	21.2
	Bronze	523	5	14.9
	Needs Improvement	36	0	11.5
National	Gold or Higher	499,653	26	28.6
	Silver	893,864	47	20.3
	Bronze	444,856	23	14.6
	Needs Improvement	76,444	4	11.5

¹ The ACT Composite scores associated with a 50% chance of earning each ACT NCRC level or higher are: 13 for Bronze, 17 for Silver, 25 for Gold, and 35 for Platinum. Based on those cut scores, students who earned an ACT Composite score of less than 13 would be classified as 'Needs Improvement', 13 to 16 as 'Bronze', 17 to 24 as 'Silver', and 25 or above as 'Gold or Higher' in the table above. For comparison, individual student score reports classify those who scored 12-13, 14-17, and 18 and higher as making progress toward Bronze, Silver, and Gold certificates.

² Additional information on the ACT NCRC can be found at www.act.org.

Total Students in Report: 10,534

Table 3.5. College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite ⁴		STEM	
			%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
State	Core or More ²	8,522	91	26.2	73	25.0	76	26.3	69	25.1	58	25.8	48	25.3
	Less than Core	1,548	86	25.5	65	24.3	70	25.6	62	24.4	53	25.1	45	24.6
	Missing ³	464	73	23.0	53	22.6	67	25.0	54	23.2	44	23.6	35	23.1
National	Core or More	1,200,072	70	21.8	49	21.7	54	22.7	45	21.9	34	22.2	26	22.1
	Less than Core	402,680	46	18.1	26	18.8	34	19.4	24	19.0	16	19.0	12	19.2
	Missing	312,065	38	16.7	22	18.1	28	18.3	20	18.2	13	18.0	9	18.4

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite College Readiness Benchmark % results reflect students who met all four subject-area benchmarks.

Table 3.6. College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
State	Core or More ²	9,913	91	26.2	10,020	72	25.0	8,926	75	26.2	9,732	68	25.1
	Less than Core	167	75	22.9	60	22	19.0	1,150	74	26.3	343	44	21.9
	Missing ³	454	74	23.1	454	54	22.7	458	67	25.1	459	54	23.2
National	Core or More	1,527,131	66	21.1	1,528,137	45	21.2	1,430,773	51	22.1	1,389,989	43	21.7
	Less than Core	91,187	34	16.1	83,960	8	16.2	181,701	35	19.7	220,831	18	18.1
	Missing	296,499	39	16.9	302,720	22	18.1	302,343	28	18.4	303,997	20	18.2

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

³ Zero years or no coursework information reported in the specified content area.

Total Students in Report: 10,534

Table 3.7. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	2,601	25	26.5	91	323,956	17	22.1	72
Eng 9, Eng 10, Eng 11, Eng 12	7,312	69	26.0	91	1,203,175	63	20.8	64
Less than 4 years of English	167	2	22.9	75	91,187	5	16.1	34
Zero years / no English courses reported	454	4	23.1	74	296,499	15	16.9	39
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	750	7	25.9	81	99,215	5	23.2	62
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	588	6	23.0	63	125,955	7	21.5	51
Alg 1, Alg 2, Geom, & Trig	314	3	20.5	38	89,147	5	19.0	27
Alg 1, Alg 2, Geom, & Other Adv Math	1,622	15	21.3	48	321,541	17	19.2	29
Other comb of 4 or more years of Math	5,740	54	26.8	84	609,514	32	23.8	65
Alg 1, Alg 2, & Geom	376	4	19.1	27	187,368	10	16.9	10
Other comb of 3 or 3.5 years of Math	630	6	23.9	65	95,397	5	19.6	33
Less than 3 years of Math	60	1	19.0	22	83,960	4	16.2	8
Zero years / no Math courses reported	454	4	22.7	54	302,720	16	18.1	22
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	840	8	26.6	77	46,135	2	22.2	50
Other comb of 4 or more years Social Science	4,280	41	26.3	76	813,270	42	22.7	54
US Hist, World Hist, & Am Gov	856	8	25.2	71	111,031	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	2,950	28	26.1	75	460,337	24	21.7	48
Less than 3 years of Social Science	1,150	11	26.3	74	181,701	9	19.7	35
Zero years / no Social Science courses reported	458	4	25.1	67	302,343	16	18.4	28
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	6,378	61	25.4	71	705,397	37	22.4	48
Bio, Chem, Phys	1,621	15	26.4	77	193,793	10	23.3	54
Gen Sci ¹ , Bio, Chem	1,629	15	22.7	51	444,093	23	20.1	30
Other comb of 3 years of Natural Science	104	1	23.6	61	46,706	2	18.9	23
Less than 3 years of Natural Science	343	3	21.9	44	220,831	12	18.1	18
Zero years / no Natural Science courses reported	459	4	23.2	54	303,997	16	18.2	20

¹Includes General, Physical and Earth Sciences.

Total Students in Report: 10,534

Table 3.8. College Readiness Benchmark (CRB) Percent and Average ACT Scores for Gender by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	2,601	25	26.5	91	1,073	23	26.1	91	1,528	26	26.7	91
Eng 9, Eng 10, Eng 11, Eng 12	7,312	69	26.0	91	3,220	69	25.8	90	4,090	70	26.2	91
Less than 4 years of English	167	2	22.9	75	83	2	21.4	67	84	1	24.4	82
Zero years / no English courses reported	454	4	23.1	74	289	6	22.8	72	164	3	23.8	78
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	750	7	25.9	81	292	6	26.8	85	458	8	25.3	78
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	588	6	23.0	63	215	5	23.3	66	373	6	22.8	62
Alg 1, Alg 2, Geom, & Trig	314	3	20.5	38	152	3	20.4	38	162	3	20.6	38
Alg 1, Alg 2, Geom, & Other Adv Math	1,622	15	21.3	48	546	12	21.7	51	1,076	18	21.0	47
Other comb of 4 or more years of Math	5,740	54	26.8	84	2,742	59	27.6	87	2,998	51	26.1	81
Alg 1, Alg 2, & Geom	376	4	19.1	27	147	3	19.5	33	229	4	18.8	23
Other comb of 3 or 3.5 years of Math	630	6	23.9	65	256	5	24.6	68	372	6	23.4	64
Less than 3 years of Math	60	1	19.0	22	27	1	19.2	26	33	1	18.9	18
Zero years / no Math courses reported	454	4	22.7	54	288	6	23.1	57	165	3	21.9	48
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	840	8	26.6	77	410	9	25.8	71	430	7	27.4	82
Other comb of 4 or more years Social Science	4,280	41	26.3	76	1,885	40	26.1	76	2,395	41	26.4	77
US Hist, World Hist, & Am Gov	856	8	25.2	71	397	9	24.7	70	458	8	25.7	73
Other comb of 3 or 3.5 years of Social Science	2,950	28	26.1	75	1,180	25	26.2	76	1,770	30	26.1	74
Less than 3 years of Social Science	1,150	11	26.3	74	500	11	25.9	73	649	11	26.6	76
Zero years / no Social Science courses reported	458	4	25.1	67	293	6	24.9	67	164	3	25.4	69
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ¹ , Bio, Chem, & Phys	6,378	61	25.4	71	2,888	62	25.9	75	3,489	59	25.0	68
Bio, Chem, Phys	1,621	15	26.4	77	765	16	27.1	78	855	15	25.7	76
Gen Sci ² , Bio, Chem	1,629	15	22.7	51	542	12	22.9	52	1,087	19	22.5	51
Other comb of 3 years of Natural Science	104	1	23.6	61	53	1	24.2	64	51	1	23.0	57
Less than 3 years of Natural Science	343	3	21.9	44	125	3	22.0	41	218	4	21.9	45
Zero years / no Natural Science courses reported	459	4	23.2	54	292	6	23.4	54	166	3	23.1	55

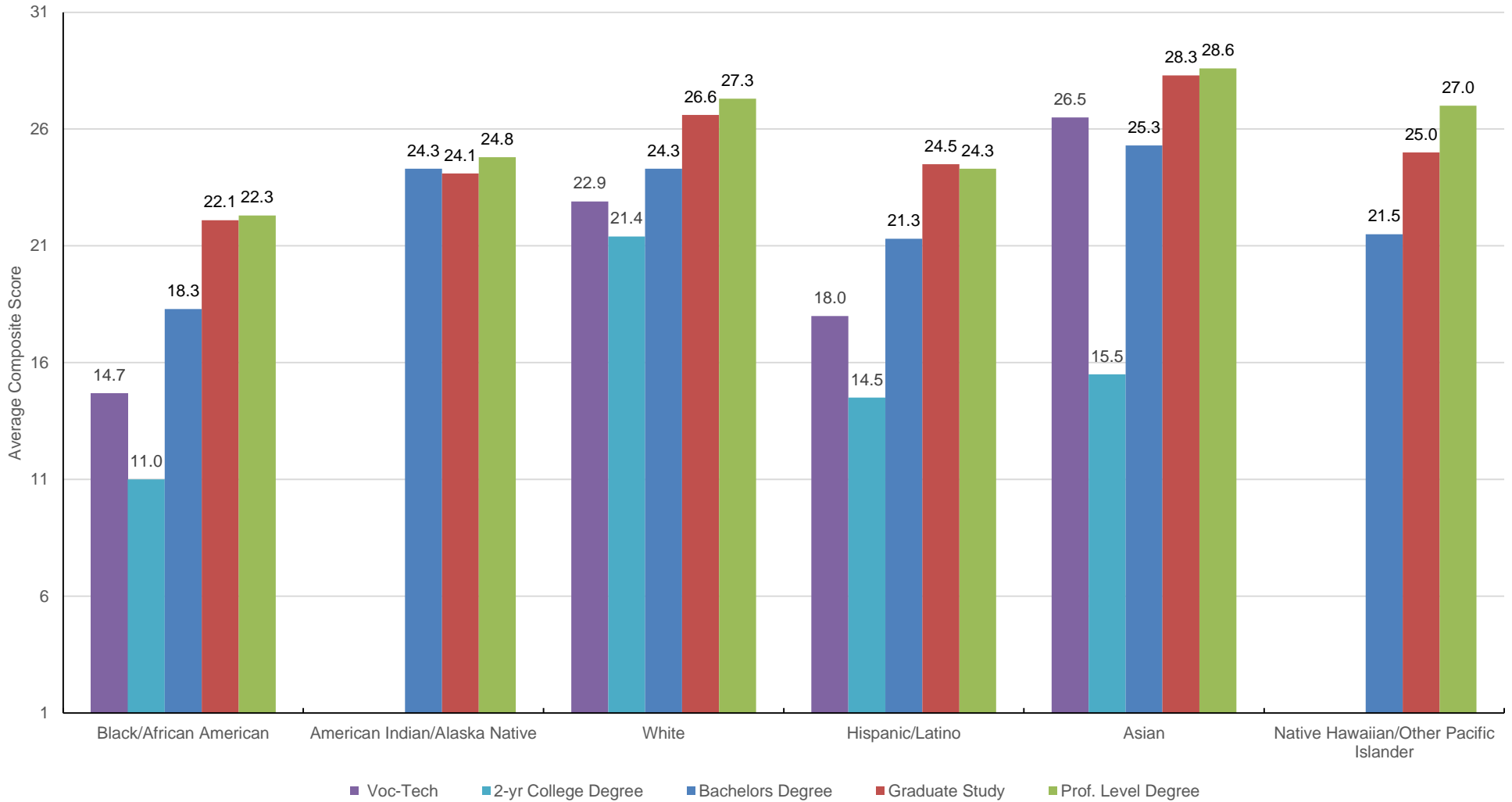
¹Includes General, Physical and Earth Sciences.

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Section IV

Career and Educational Aspirations

Figure 4.1. Average ACT Composite Scores by Race and Student Postsecondary Aspirations*



*Missing columns reflect combinations of race/ethnicity and postsecondary aspiration in which one or both indicators are missing.

Total Students in Report: 10,534

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent	Avg ACT Comp	N	Percent	Avg ACT Comp
Agriculture & Natural Resources Conservation	80	1	24.7	1	2	17.0	72	1	25.1
Architecture	76	1	24.1	0	0	.	66	1	24.1
Area, Ethnic, & Multidisciplinary Studies	16	0	25.4	0	0	.	16	0	25.4
Arts: Visual & Performing	338	3	24.6	2	4	17.0	304	3	24.4
Business	1,467	14	25.0	20	40	22.4	1,294	15	24.9
Communications	272	3	24.1	1	2	33.0	248	3	24.1
Community, Family, & Personal Services	72	1	20.9	0	0	.	69	1	20.9
Computer Science & Mathematics	399	4	27.8	1	2	33.0	350	4	27.6
Education	268	3	22.6	1	2	12.0	244	3	22.7
Engineering	919	9	27.4	4	8	19.8	839	10	27.4
Engineering Technology & Drafting	49	0	24.6	0	0	.	48	1	24.7
English & Foreign Languages	141	1	27.4	0	0	.	119	1	27.6
Health Administration & Assisting	118	1	21.7	0	0	.	110	1	21.7
Health Sciences & Technologies	1,377	13	24.1	2	4	19.5	1,278	14	24.0
Philosophy, Religion, & Theology	17	0	24.3	0	0	.	13	0	23.3
Repair, Production, & Construction	5	0	18.0	1	2	14.0	4	0	19.0
Sciences: Biological & Physical	1,188	11	27.0	2	4	23.5	1,082	12	27.0
Social Sciences & Law	934	9	25.7	4	8	18.3	848	10	25.6
Undecided	2,369	22	26.3	11	22	23.4	1,794	20	26.2
No Response	427	4	23.5	0	0	.	18	0	23.9

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 10,534

Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	35	22.9	3	14.7	0	.	20	22.9	2	18.0
2-yr College Degree	15	18.9	1	11.0	0	.	9	21.4	2	14.5
Bachelors Degree	3,287	23.8	136	18.3	11	24.3	2,435	24.3	269	21.3
Graduate Study	2,971	26.4	80	22.1	9	24.1	2,191	26.6	215	24.5
Prof. Level Degree	2,560	26.9	165	22.3	4	24.8	1,580	27.3	246	24.3
Other	87	24.4	3	18.0	0	.	56	25.6	11	22.9
No Response	1,579	25.8	70	20.0	2	28.5	770	26.7	111	21.4

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	35	22.9	8	26.5	0	.	0	.	2	26.5
2-yr College Degree	15	18.9	2	15.5	0	.	0	.	1	19.0
Bachelors Degree	3,287	23.8	143	25.3	2	21.5	125	23.1	166	24.0
Graduate Study	2,971	26.4	198	28.3	1	25.0	102	26.1	175	27.6
Prof. Level Degree	2,560	26.9	276	28.6	4	27.0	125	26.3	160	29.0
Other	87	24.4	7	22.1	0	.	4	18.8	6	25.0
No Response	1,579	25.8	124	28.8	0	.	27	27.0	475	25.4

Total Students in Report: 10,534

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF CONNECTICUT	Connecticut	763	332	431	1	2	11	25	30	23	8
CENTRAL CONNECTICUT STATE UNIVERSITY	Connecticut	205	63	142	2	7	31	33	20	6	0
NORTHEASTERN UNIVERSITY	Massachusetts	168	38	130	0	1	2	16	32	33	17
SOUTHERN CONNECTICUT STATE UNIVERSITY	Connecticut	155	30	125	1	9	42	27	15	6	1
QUINNIPIAC UNIVERSITY	Connecticut	150	35	115	0	5	17	35	25	17	2
UNIVERSITY OF RHODE ISLAND	Rhode Island	143	25	118	0	1	17	40	27	14	1
BOSTON UNIVERSITY	Massachusetts	139	28	111	0	1	3	20	29	37	10
UNIVERSITY OF NEW HAVEN	Connecticut	113	47	66	0	8	27	35	20	7	3
YALE UNIVERSITY	Connecticut	112	41	71	1	1	8	14	15	38	23
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	105	16	89	0	3	8	25	42	21	2
WESTERN CONNECTICUT STATE UNIVERSITY	Connecticut	97	30	67	1	10	34	30	16	8	0
EASTERN CONNECTICUT STATE UNIVERSITY	Connecticut	94	29	65	2	6	39	29	19	4	0
BOSTON COLLEGE	Massachusetts	92	22	70	0	0	4	10	28	45	13
NEW YORK UNIVERSITY	New York	79	14	65	0	1	6	24	25	33	10
SACRED HEART UNIVERSITY	Connecticut	74	16	58	0	5	16	45	22	11	1
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	71	14	57	0	4	8	37	35	15	0
FORDHAM UNIVERSITY	New York	67	15	52	0	0	1	22	34	30	12
NCAA ELIGIBILITY CENTER	Indiana	66	46	20	2	3	15	15	32	27	6
UNIVERSITY OF VERMONT	Vermont	64	10	54	0	5	6	20	38	27	5
CORNELL UNIVERSITY	New York	62	17	45	0	0	0	11	11	47	31
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	58	15	43	0	2	9	29	45	12	3
VILLANOVA UNIVERSITY	Pennsylvania	58	11	47	2	0	2	10	29	47	10
WORCESTER POLYTECHNIC INST	Massachusetts	56	10	46	0	0	2	9	38	38	14
BROWN UNIVERSITY	Rhode Island	55	24	31	0	4	4	9	16	38	29
FAIRFIELD UNIVERSITY	Connecticut	53	11	42	0	2	9	40	26	21	2
GEORGETOWN UNIVERSITY	District of Columbia	53	22	31	0	0	4	6	26	53	11
ROGER WILLIAMS UNIVERSITY	Rhode Island	53	7	46	0	2	19	23	43	13	0
SPRINGFIELD COLLEGE	Massachusetts	51	19	32	0	4	25	29	31	8	2
SYRACUSE UNIVERSITY	New York	50	12	38	0	0	6	28	38	24	4
UNIVERSITY OF DELAWARE	Delaware	50	8	42	0	0	14	32	36	18	0
All Other Institutions		3,903	1,081	2,822	0	3	13	23	27	25	9
Total		7,259	2,088	5,171	0	3	14	24	27	24	8

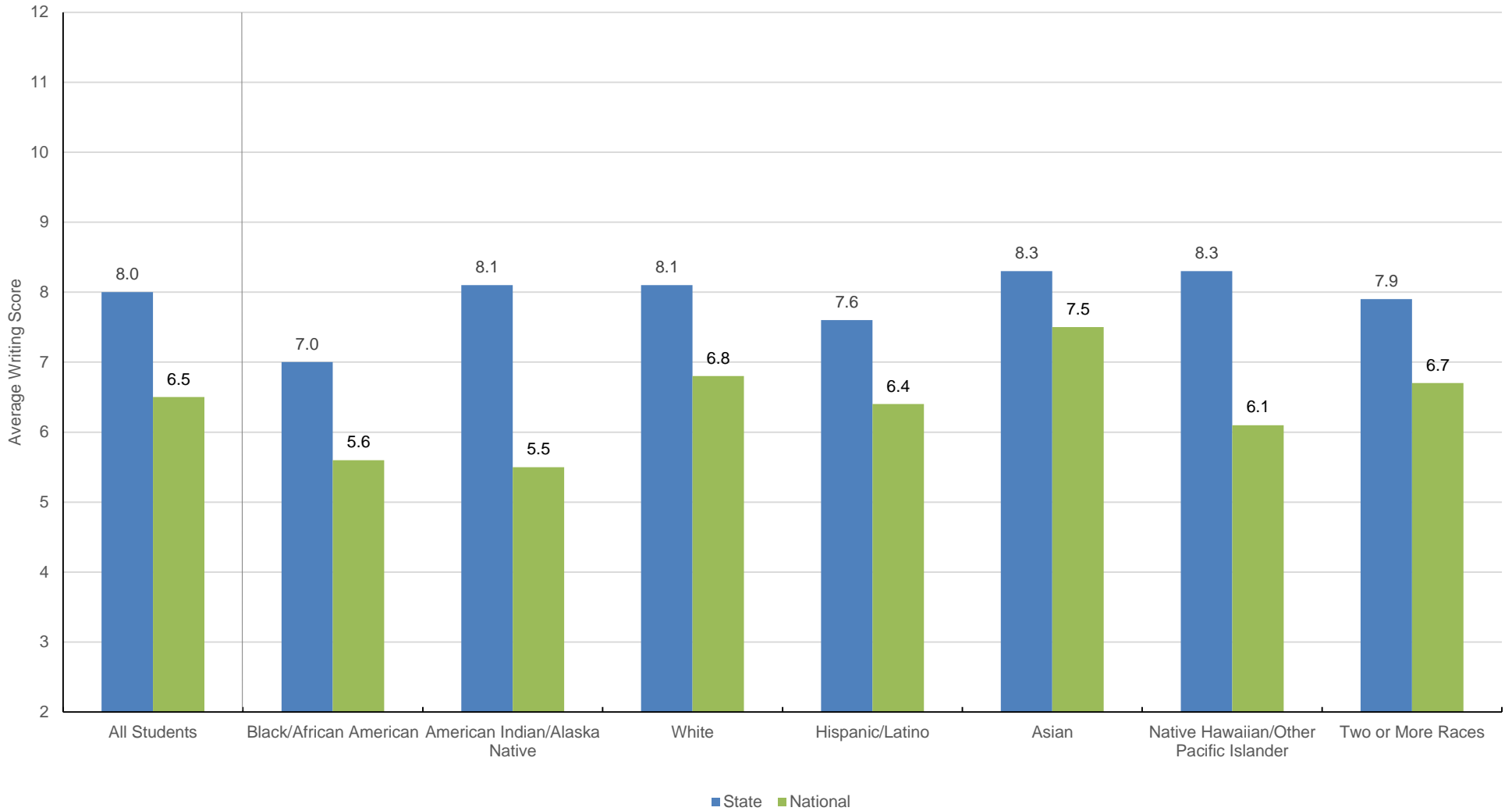
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Section V

Optional Writing Test Results

Total Students in Report: 10,534

Figure 5.1. Average ACT Writing Scores by Race/Ethnicity*



*Missing columns reflect race/ethnicity groupings that are missing.

Total Students in Report: 10,534

Table 5.1. Average ACT English Language Arts Constituent Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing

	N		Average ACT Scores					
			English		Reading		Writing	
			State	National	State	National	State	National
All Students	6,823	903,603	26.9	20.7	26.8	21.8	8.0	6.5
Black/African American	293	103,370	21.5	15.9	21.8	17.3	7.0	5.6
American Indian/Alaska Native	16	6,413	26.0	15.6	24.6	17.5	8.1	5.5
White	4,500	426,803	27.3	22.5	27.2	23.4	8.1	6.8
Hispanic/Latino	534	177,117	23.7	18.2	23.9	19.6	7.6	6.4
Asian	553	63,636	28.9	25.2	28.2	25.1	8.3	7.5
Native Hawaiian/Other Pacific Islander	3	3,602	28.0	17.3	26.0	18.2	8.3	6.1
Two or More Races	235	43,115	26.8	21.2	26.6	22.3	7.9	6.7
Prefer not/No Response	689	79,547	27.6	19.9	28.0	21.1	7.9	6.3
Males	3,016	421,102	26.5	20.3	26.6	21.5	7.8	6.3
Females	3,804	472,773	27.2	21.2	27.0	22.1	8.1	6.8
No Response	3	9,728	11.0	15.8	15.0	17.5	4.3	5.3

Table 5.2. Average ACT English Language Arts Outcomes by Race/Ethnicity and Gender for Students Who Took ACT Writing

	N		Average ACT Scores			
			Average ELA Score		Percent Who Met ELA Benchmark	
			State	National	State	National
All Students	6,823	903,603	25.4	19.9	86	50
Black/African American	293	103,370	20.7	15.6	56	21
American Indian/Alaska Native	16	6,413	24.3	15.5	100	20
White	4,500	426,803	25.8	21.3	90	61
Hispanic/Latino	534	177,117	22.8	18.0	74	37
Asian	553	63,636	26.8	23.6	90	73
Native Hawaiian/Other Pacific Islander	3	3,602	26.0	17.0	100	31
Two or More Races	235	43,115	25.2	20.3	84	53
Prefer not/No Response	689	79,547	26.1	19.1	87	45
Males	3,016	421,102	25.0	19.3	83	47
Females	3,804	472,773	25.8	20.5	89	54
No Response	3	9,728	11.7	15.2	0	21

