



# Profile Report - State

Arkansas State Testing 2017-2018  
Grade 11 Tested Students  
Arkansas



ARKANSAS  
DEPARTMENT  
OF EDUCATION



## New to your 2017-2018 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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This report provides information about the performance of your students who took the ACT as part of the Arkansas State Testing (Grade 11 Tested Students).

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](http://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](http://www.act.org)

## How to Improve Scores and Increase College Readiness

14% 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:** 31,227 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. 55% 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 5% of the cohort took less than three years of math courses. Of these students, 6% were college ready. 14% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 6% of these students were college ready. In comparison, 32% 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 11% of the cohort took less than three years of natural science courses. 7% of these students were college ready. In comparison, 27% 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 71% 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](http://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](mailto:customerservices@act.org).

# Section I

## Executive Summary

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

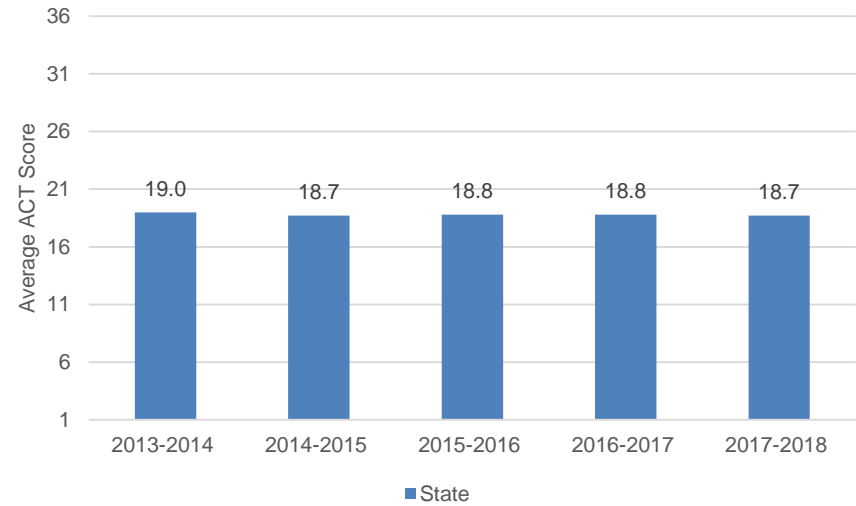


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing\*

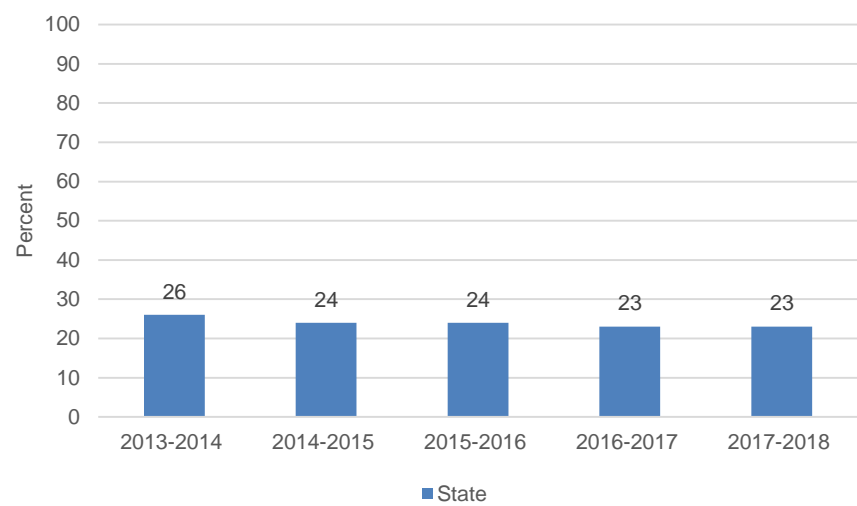


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing\*

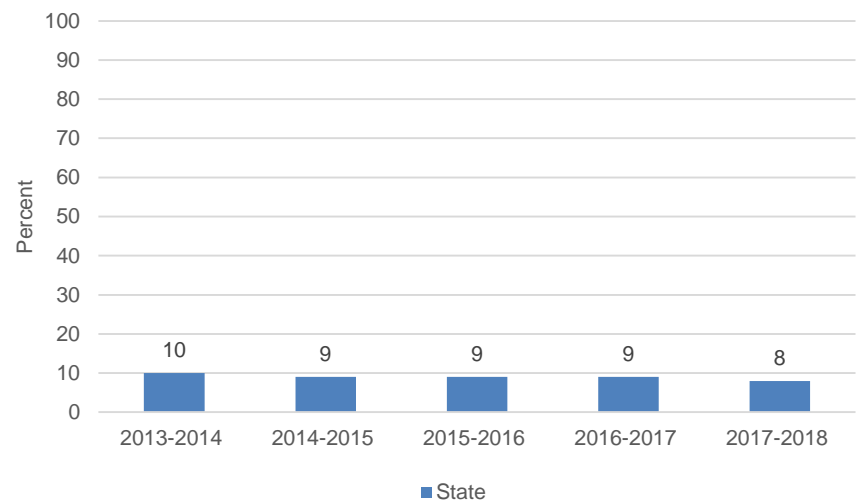
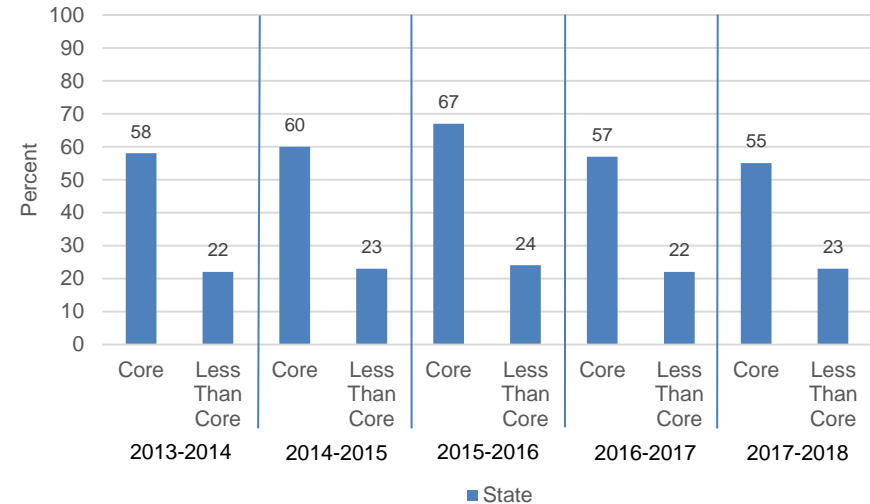


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing\*



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



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

Year	Number of Students	Percent Who Met Benchmarks				
	Tested State	English State	Mathematics State	Reading State	Science State	Met All Four State
2013-2014	7,051	52	27	31	26	16
2014-2015	8,733	49	26	29	23	14
2015-2016	31,081	49	25	31	24	14
2016-2017	31,110	49	24	30	22	14
<b>2017-2018</b>	<b>31,227</b>	<b>48</b>	<b>24</b>	<b>30</b>	<b>23</b>	<b>14</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students	Average ACT Scores				
	Tested State	English State	Mathematics State	Reading State	Science State	Composite State
2013-2014	7,051	18.2	19.0	19.2	19.2	19.0
2014-2015	8,733	18.1	18.5	19.0	18.7	18.7
2015-2016	31,081	18.1	18.6	19.0	19.1	18.8
2016-2017	31,110	18.4	18.5	18.9	18.9	18.8
<b>2017-2018</b>	<b>31,227</b>	<b>18.2</b>	<b>18.4</b>	<b>18.8</b>	<b>18.8</b>	<b>18.7</b>

**Table 1.3. Five Year Trends—Average ACT Scores Statewide (table omitted for this report)**

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	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
2013-2014	4,110	1,585	58	22	20.0	15.3	20.1	17.2	20.6	16.8	20.4	17.2	20.4	16.7
2014-2015	5,217	2,034	60	23	19.7	15.5	19.6	16.8	20.4	16.9	20.0	16.6	20.1	16.6
2015-2016	20,702	7,393	67	24	19.4	15.5	19.6	16.9	20.2	16.9	20.1	17.4	20.0	16.8
2016-2017	17,807	6,987	57	22	20.0	16.0	19.5	16.9	20.3	16.8	20.2	17.1	20.2	16.8
<b>2017-2018</b>	<b>17,155</b>	<b>7,227</b>	<b>55</b>	<b>23</b>	<b>19.8</b>	<b>15.9</b>	<b>19.5</b>	<b>16.8</b>	<b>20.2</b>	<b>16.9</b>	<b>20.0</b>	<b>17.0</b>	<b>20.0</b>	<b>16.8</b>

<sup>1</sup>"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.

<sup>2</sup>Percent 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	2013-2014			2014-2015			2015-2016			2016-2017			2017-2018		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>7,051</b>	<b>100</b>	<b>19.0</b>	<b>8,733</b>	<b>100</b>	<b>18.7</b>	<b>31,081</b>	<b>100</b>	<b>18.8</b>	<b>31,110</b>	<b>100</b>	<b>18.8</b>	<b>31,227</b>	<b>100</b>	<b>18.7</b>
Black/African American	1,415	20	16.2	1,755	20	15.9	4,943	16	15.9	4,833	16	15.8	4,581	15	15.8
American Indian/Alaska Native	44	1	19.1	70	1	17.9	185	1	18.1	242	1	17.4	220	1	17.7
White	3,576	51	20.4	3,859	44	20.3	16,813	54	19.9	16,481	53	20.0	15,761	50	19.8
Hispanic/Latino	515	7	17.7	780	9	17.4	3,093	10	17.6	3,325	11	17.3	3,375	11	17.4
Asian	152	2	23.3	166	2	22.4	467	2	21.2	495	2	21.8	496	2	21.1
Native Hawaiian/Other Pacific Islander	8	0	16.0	11	0	18.0	141	0	15.2	141	0	14.9	122	0	15.0
Two or more races	264	4	19.7	313	4	19.4	1,292	4	19.2	1,367	4	19.4	1,359	4	19.4
Prefer not to respond/No response	1,077	15	18.1	1,779	20	18.2	4,147	13	18.7	4,226	14	18.3	5,313	17	18.2

**Table 1.6. Five Year Trends—Achievement in STEM<sup>1</sup>**

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	State	State	State	State
2013-2014	7,051	19.3	10	27.6	27.8
2014-2015	8,733	18.9	9	27.6	28.0
2015-2016	31,081	19.1	9	27.6	28.0
2016-2017	31,110	18.9	9	27.5	28.4
<b>2017-2018</b>	<b>31,227</b>	<b>18.8</b>	<b>8</b>	<b>27.6</b>	<b>28.1</b>

<sup>1</sup>The STEM score describes students' overall proficiency in mathematics and science.

**Table 1.7. Proficiency In Understanding Complex Texts<sup>1</sup>**

Year	Below Proficient			Text Complexity Proficiency Level Proficient			Above Proficient		
	N	Percent	Avg. Reading	N	Percent	Avg. Reading	N	Percent	Avg. Reading
	State	State	State	State	State	State	State	State	State
2013-2014	0	.	.	0	.	.	0	.	.
2014-2015	0	.	.	0	.	.	0	.	.
2015-2016	19,469	63	15.5	8,268	27	22.9	3,344	11	30.0
2016-2017	21,363	69	15.7	5,975	19	23.3	3,772	12	29.7
<b>2017-2018</b>	<b>20,560</b>	<b>66</b>	<b>15.6</b>	<b>7,463</b>	<b>24</b>	<b>23.1</b>	<b>3,204</b>	<b>10</b>	<b>29.8</b>

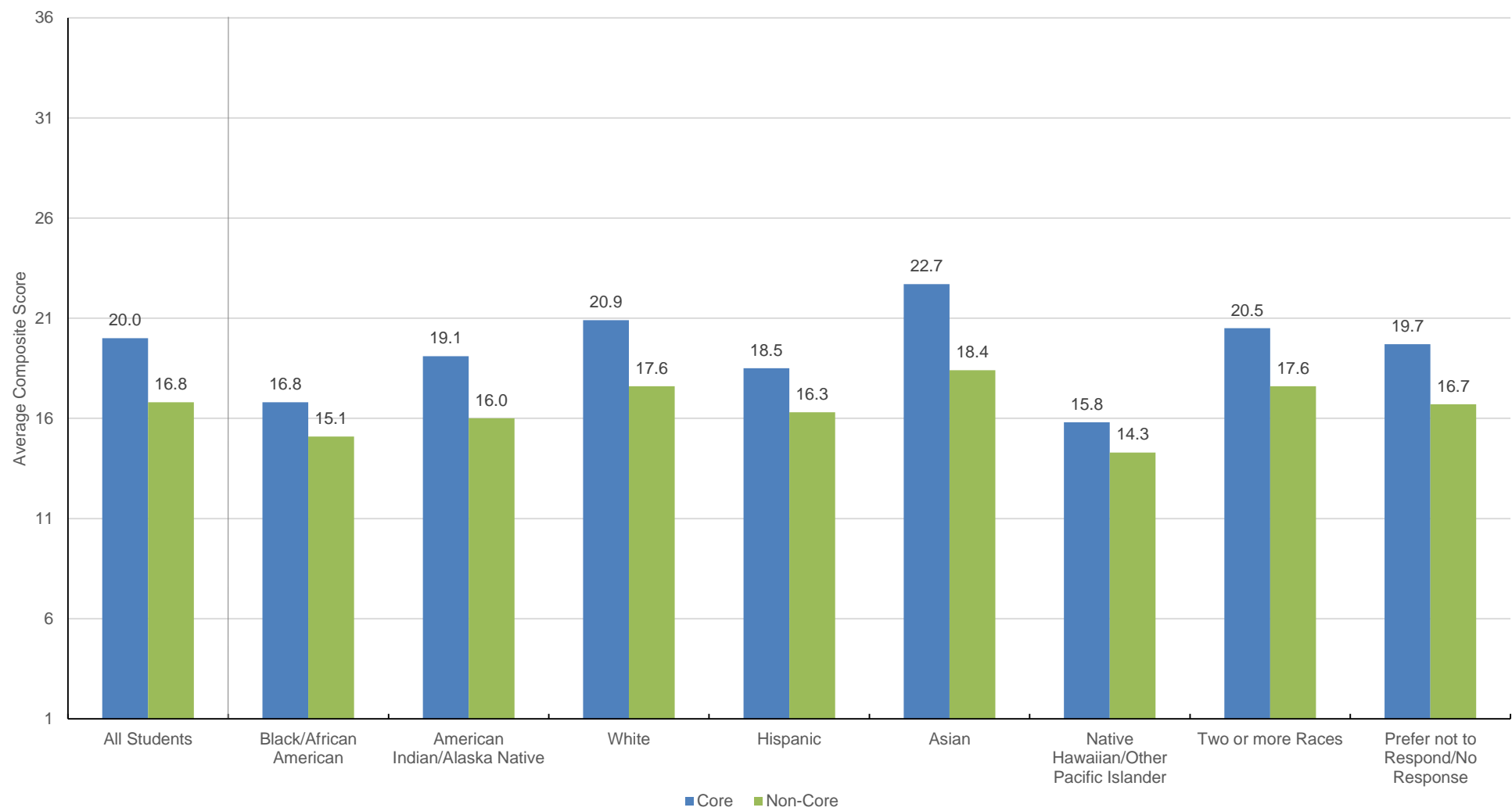
<sup>1</sup>The text complexity indicator, beginning in Fall 2015, represents students' progress toward understanding complex written material often encountered in college and careers.

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# Section II

## Academic Achievement

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.

Table 2.1. ACT Score Distributions, Cumulative Percents (CP<sup>1</sup>), and Score Averages

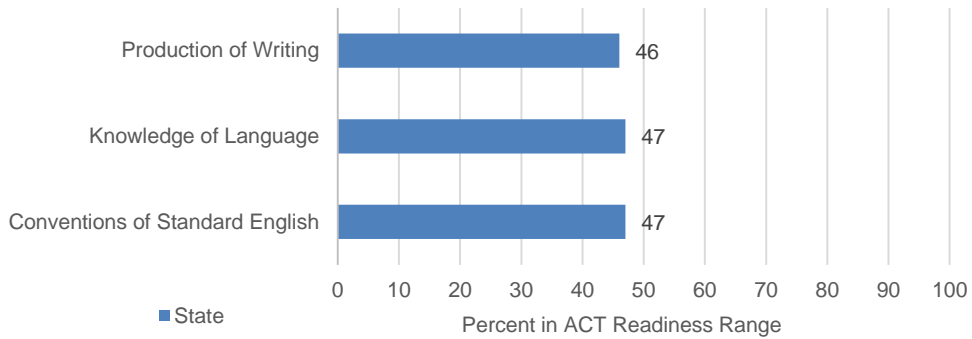
ACT Scale	English		Mathematics		Reading		Science		Composite		STEM		ELA <sup>2</sup>		ACT Scale
Score	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	Score
36	216	100	17	100	62	100	76	100	9	100	22	100	0	.	36
35	298	99	42	99	134	99	27	99	38	99	23	99	0	.	35
34	215	98	52	99	223	99	131	99	55	99	60	99	0	.	34
33	199	98	51	99	257	99	29	99	109	99	63	99	0	.	33
32	231	97	96	99	321	98	207	99	160	99	120	99	0	.	32
31	246	96	79	99	386	97	216	98	231	99	151	99	0	.	31
30	480	96	169	99	440	96	64	98	288	98	180	99	0	.	30
29	304	94	255	98	507	94	257	98	368	97	254	98	0	.	29
28	346	93	350	98	580	93	304	97	504	96	389	97	0	.	28
27	633	92	792	96	735	91	370	96	604	94	533	96	0	.	27
26	710	90	742	94	747	88	878	95	802	92	831	94	0	.	26
25	845	88	1,379	92	860	86	671	92	968	90	1,099	92	0	.	25
24	1,215	85	1,228	87	852	83	2,028	90	1,145	87	1,285	88	0	.	24
23	1,324	81	786	83	1,114	80	1,784	83	1,345	83	1,401	84	0	.	23
22	1,420	77	1,518	81	2,108	77	1,846	77	1,528	79	1,469	79	0	.	22
21	1,621	72	864	76	2,209	70	2,341	72	1,813	74	1,703	75	0	.	21
20	1,919	67	982	73	1,476	63	1,452	64	1,931	68	2,052	69	0	.	20
19	1,294	61	1,874	70	1,356	58	2,570	59	2,189	62	2,374	63	0	.	19
18	1,407	57	1,988	64	2,600	54	1,835	51	2,245	55	2,686	55	0	.	18
17	1,466	52	4,203	58	1,573	46	3,009	45	2,549	48	3,332	47	0	.	17
16	2,318	48	4,895	44	2,486	41	3,306	36	2,687	40	3,526	36	0	.	16
15	2,534	40	3,934	28	1,705	33	1,732	25	2,788	31	3,203	25	0	.	15
14	2,555	32	3,252	16	2,687	27	1,554	20	2,738	22	2,444	14	0	.	14
13	1,697	24	1,091	5	1,455	19	2,176	15	2,374	13	1,292	6	0	.	13
12	1,550	18	397	2	2,146	14	945	8	1,350	6	537	2	0	.	12
11	1,679	13	123	1	1,344	7	635	5	330	1	151	1	0	.	11
10	1,470	8	36	1	441	3	412	3	58	1	32	1	0	.	10
9	675	3	9	1	229	1	216	1	16	1	8	1	0	.	9
8	204	1	19	1	110	1	94	1	3	1	5	1	0	.	8
7	91	1	2	1	30	1	45	1	2	1	1	1	0	.	7
6	50	1	0	1	38	1	10	1	0	1	1	1	0	.	6
5	9	1	1	1	7	1	0	1	0	1	0	1	0	.	5
4	5	1	0	1	7	1	3	1	0	1	0	1	0	.	4
3	0	1	0	1	0	1	2	1	0	1	0	1	0	.	3
2	0	1	0	1	2	1	0	1	0	1	0	1	0	.	2
1	1	1	1	1	0	1	2	1	0	1	0	1	0	.	1
Avg (SD)	18.2 (6.2)		18.4 (4.4)		18.8 (5.8)		18.8 (4.9)		18.7 (4.8)		18.8 (4.4)		. (.)		Avg (SD)

<sup>1</sup> CP is the cumulative percent of students at or below a score point.

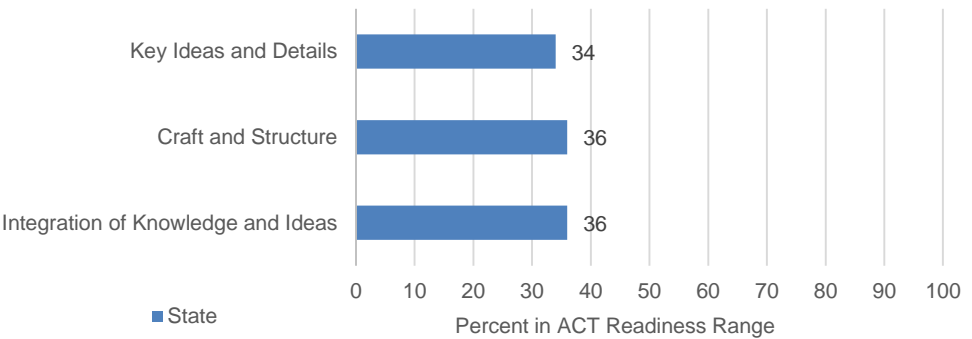
<sup>2</sup> ELA scores are derived only for students with a valid writing score.

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

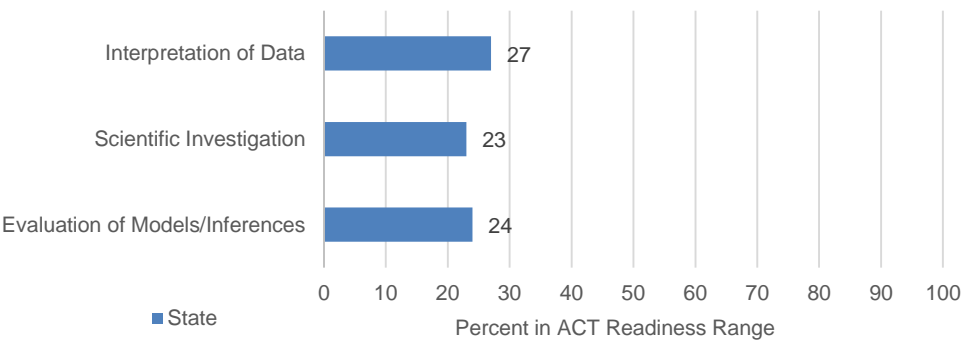
**Figure 2.2. English Reporting Categories<sup>1</sup>**



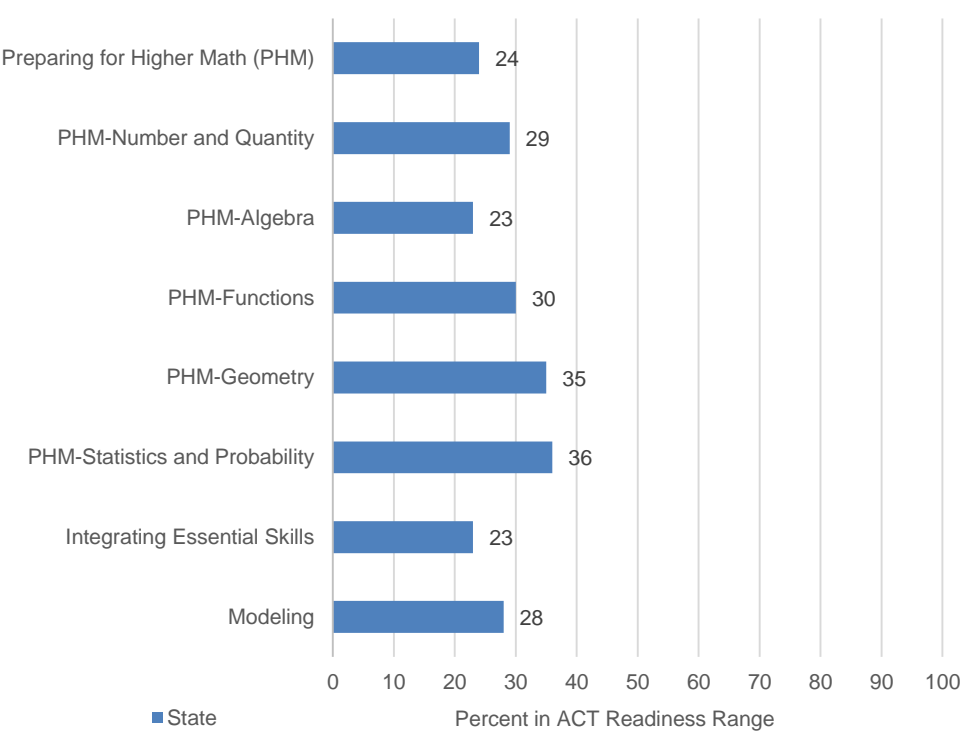
**Figure 2.4. Reading Reporting Categories<sup>1</sup>**



**Figure 2.5. Science Reporting Categories<sup>1</sup>**



**Figure 2.3. Math Reporting Categories<sup>1</sup>**



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.

<sup>1</sup> Reporting Categories are reported only for testing events beginning September 2016 .



**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 <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	31,227	55	20.0	16.8
	Black/African American	4,581	46	16.8	15.1
	American Indian/Alaska Native	220	48	19.1	16.0
	White	15,761	64	20.9	17.6
	Hispanic/Latino	3,375	55	18.5	16.3
	Asian	496	62	22.7	18.4
	Native Hawaiian/Other Pacific Islander	122	52	15.8	14.3
	Two or More Races	1,359	61	20.5	17.6
	Prefer not/No Response	5,313	34	19.7	16.7

<sup>1</sup> "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
State	All Students	31,227	100	18.2	18.4	18.8	18.8	18.7	18.8
	Black/African American	4,581	15	14.7	16.1	15.9	16.0	15.8	16.3
	American Indian/Alaska Native	220	1	17.0	17.8	17.6	17.6	17.7	18.0
	White	15,761	50	19.7	19.3	20.0	19.8	19.8	19.8
	Hispanic/Latino	3,375	11	16.4	17.4	17.6	17.8	17.4	17.8
	Asian	496	2	20.7	21.6	20.6	21.2	21.1	21.7
	Native Hawaiian/Other Pacific Islander	122	0	13.7	15.9	14.7	15.2	15.0	15.8
	Two or More Races	1,359	4	18.9	18.9	19.7	19.3	19.4	19.4
	Prefer not/No Response	5,313	17	17.6	18.0	18.5	18.3	18.2	18.4

**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 <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	Males	13,541	54	19.9	16.7
	Females	13,522	62	20.1	17.0
	No Response	4,164	33	19.8	16.7

<sup>1</sup> "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	13,541	43	17.7	18.5	18.3	18.8	18.4	18.9
	Females	13,522	43	18.9	18.3	19.5	18.9	19.0	18.8
	No Response	4,164	13	17.8	18.1	18.6	18.4	18.3	18.5

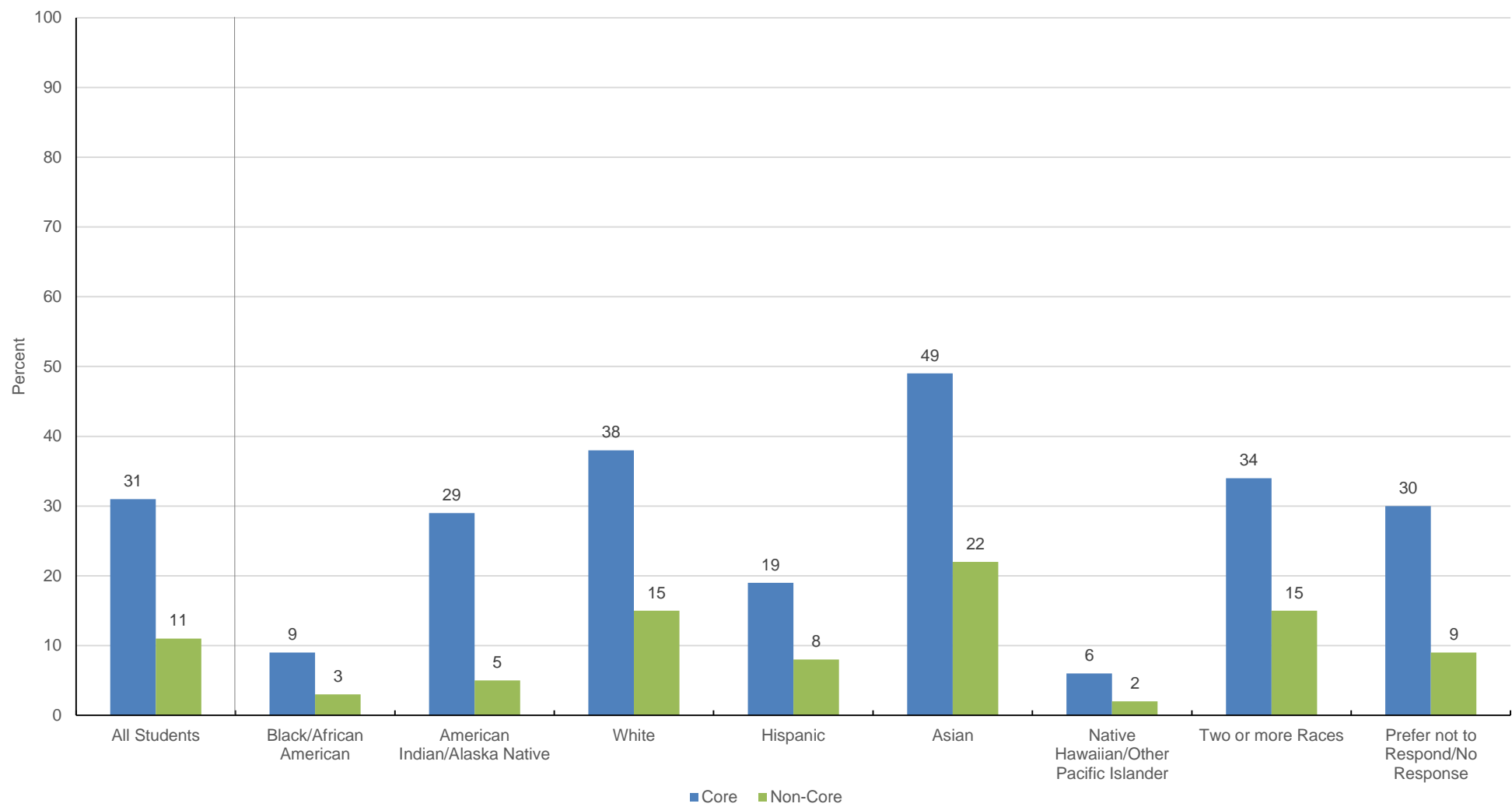
**Table 2.6. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	22	21	22	22	22
Q2 (50th Percentile)	17	17	18	18	18
Q1 (25th Percentile)	14	15	14	15	15

# Section III

## College and Career Readiness and the Impact of Course Rigor

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.

**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	928	3	162	1	676	2	263	1
	28 to 32	1,607	5	949	3	2,234	7	1,048	3
	24 to 27	3,403	11	4,141	13	3,194	10	3,947	13
	20 to 23	6,284	20	4,150	13	6,907	22	7,423	24
	16 to 19	6,485	21	12,960	42	8,015	26	10,720	34
	13 to 15	6,786	22	8,277	27	5,847	19	5,462	17
	01 to 12	5,734	18	588	2	4,354	14	2,364	8

**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	44	26	27	24	15
	Females	53	23	33	22	13
	No Response	44	22	28	20	12

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	31,227	48	24	30	23	14	8
	Black/African American	4,581	22	7	11	5	2	1
	American Indian/Alaska Native	220	38	20	24	21	11	7
	White	15,761	59	31	38	30	19	11
	Hispanic/Latino	3,375	35	16	21	13	7	4
	Asian	496	59	49	40	40	28	23
	Native Hawaiian/Other Pacific Islander	122	15	7	7	2	2	1
	Two or More Races	1,359	53	28	35	27	17	10
	Prefer Not to Respond	5,313	43	21	27	20	12	7

Table 3.4. Likely ACT National Career Readiness Certificate (NCRC) Level Based Upon ACT Composite Score<sup>1</sup>

Student Group	ACT NCRC Level <sup>2</sup>	N	%	Average Composite
State	Gold or Higher	4,136	13	27.6
	Silver	14,745	47	19.9
	Bronze	10,587	34	14.5
	Needs Improvement	1,759	6	11.7

<sup>1</sup> 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.

<sup>2</sup> Additional information on the ACT NCRC can be found at [www.act.org](http://www.act.org).

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite <sup>4</sup>		STEM	
			%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
State	Core or More <sup>2</sup>	17,155	60	19.8	32	19.5	39	20.2	30	20.0	20	20.0	12	20.0
	Less than Core	7,227	32	15.9	12	16.8	17	16.9	11	17.0	5	16.8	3	17.2
	Missing <sup>3</sup>	6,845	35	16.5	17	17.3	21	17.4	15	17.4	8	17.3	5	17.6

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> 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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
State	Core or More <sup>2</sup>	21,709	53	19.0	23,139	27	18.9	21,343	35	19.6	21,264	27	19.5
	Less than Core	3,233	34	16.1	1,598	6	15.7	3,336	14	16.4	3,418	7	16.2
	Missing <sup>3</sup>	6,285	36	16.7	6,490	17	17.4	6,548	22	17.5	6,545	16	17.6

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in the specified content area.

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

Course Pattern		State		
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
<b>ENGLISH COURSE PATTERN</b>				
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	3,071	10	20.2	61
Eng 9, Eng 10, Eng 11, Eng 12	18,638	60	18.8	52
Less than 4 years of English	3,233	10	16.1	34
Zero years / no English courses reported	6,285	20	16.7	36
<b>MATHEMATICS COURSE PATTERN</b>				
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	951	3	20.2	39
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,196	4	21.1	49
Alg 1, Alg 2, Geom, & Trig	1,316	4	17.8	19
Alg 1, Alg 2, Geom, & Other Adv Math	7,796	25	18.5	23
Other comb of 4 or more years of Math	5,891	19	21.0	47
Alg 1, Alg 2, & Geom	4,329	14	16.3	6
Other comb of 3 or 3.5 years of Math	1,660	5	17.8	18
Less than 3 years of Math	1,598	5	15.7	6
Zero years / no Math courses reported	6,490	21	17.4	17
<b>SOCIAL SCIENCE COURSE PATTERN</b>				
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	164	1	16.9	20
Other comb of 4 or more years Social Science	10,958	35	20.4	41
US Hist, World Hist, & Am Gov	839	3	17.1	17
Other comb of 3 or 3.5 years of Social Science	9,382	30	19.0	30
Less than 3 years of Social Science	3,336	11	16.4	14
Zero years / no Social Science courses reported	6,548	21	17.5	22
<b>NATURAL SCIENCE COURSE PATTERN</b>				
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	7,480	24	19.6	29
Bio, Chem, Phys	913	3	22.2	49
Gen Sci <sup>1</sup> , Bio, Chem	11,051	35	19.4	25
Other comb of 3 years of Natural Science	1,820	6	18.7	22
Less than 3 years of Natural Science	3,418	11	16.2	7
Zero years / no Natural Science courses reported	6,545	21	17.6	16

<sup>1</sup>Includes General, Physical and Earth Sciences.



**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	3,071	10	20.2	61	1,263	9	19.5	56	1,587	12	20.8	65	
Eng 9, Eng 10, Eng 11, Eng 12	18,638	60	18.8	52	8,409	62	18.3	48	8,656	64	19.3	56	
Less than 4 years of English	3,233	10	16.1	34	1,594	12	15.6	30	1,337	10	16.5	37	
Zero years / no English courses reported	6,285	20	16.7	36	2,275	17	15.7	30	1,942	14	17.1	40	
MATHEMATICS COURSE PATTERN													
	N	Percent	ACT Math	% Who Met Benchmark	N	Percent	ACT Math	% Who Met Benchmark	N	Percent	ACT Math	% Who Met Benchmark	
Alg 1, Alg 2, Geom, Trig, & Calc	951	3	20.2	39	387	3	20.8	45	481	4	19.7	34	
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,196	4	21.1	49	400	3	21.5	52	688	5	20.8	46	
Alg 1, Alg 2, Geom, & Trig	1,316	4	17.8	19	588	4	18.1	21	603	4	17.5	16	
Alg 1, Alg 2, Geom, & Other Adv Math	7,796	25	18.5	23	3,030	22	18.7	27	4,062	30	18.3	21	
Other comb of 4 or more years of Math	5,891	19	21.0	47	2,832	21	21.5	51	2,674	20	20.6	44	
Alg 1, Alg 2, & Geom	4,329	14	16.3	6	2,229	16	16.5	8	1,738	13	16.1	5	
Other comb of 3 or 3.5 years of Math	1,660	5	17.8	18	814	6	18.2	22	694	5	17.4	15	
Less than 3 years of Math	1,598	5	15.7	6	872	6	15.7	6	577	4	15.6	5	
Zero years / no Math courses reported	6,490	21	17.4	17	2,389	18	17.1	16	2,005	15	17.3	16	
SOCIAL SCIENCE COURSE PATTERN													
	N	Percent	ACT Reading	% Who Met Benchmark	N	Percent	ACT Reading	% Who Met Benchmark	N	Percent	ACT Reading	% Who Met Benchmark	
US Hist, World Hist, Am Gov, & Other Hist	164	1	16.9	20	86	1	16.3	17	64	0	17.8	27	
Other comb of 4 or more years Social Science	10,958	35	20.4	41	4,456	33	19.8	37	5,705	42	20.9	43	
US Hist, World Hist, & Am Gov	839	3	17.1	17	484	4	17.0	18	293	2	17.1	15	
Other comb of 3 or 3.5 years of Social Science	9,382	30	19.0	30	4,377	32	18.6	29	4,114	30	19.4	31	
Less than 3 years of Social Science	3,336	11	16.4	14	1,718	13	16.2	14	1,311	10	16.6	15	
Zero years / no Social Science courses reported	6,548	21	17.5	22	2,420	18	16.6	17	2,035	15	18.0	24	
NATURAL SCIENCE COURSE PATTERN													
	N	Percent	ACT Science	% Who Met Benchmark	N	Percent	ACT Science	% Who Met Benchmark	N	Percent	ACT Science	% Who Met Benchmark	
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	7,480	24	19.6	29	3,571	26	19.9	32	3,337	25	19.3	26	
Bio, Chem, Phys	913	3	22.2	49	418	3	23.0	53	442	3	21.6	47	
Gen Sci <sup>2</sup> , Bio, Chem	11,051	35	19.4	25	4,275	32	19.5	27	5,774	43	19.5	24	
Other comb of 3 years of Natural Science	1,820	6	18.7	22	1,044	8	18.8	24	672	5	18.4	19	
Less than 3 years of Natural Science	3,418	11	16.2	7	1,818	13	16.3	8	1,267	9	16.1	5	
Zero years / no Natural Science courses reported	6,545	21	17.6	16	2,415	18	17.1	14	2,030	15	17.6	14	

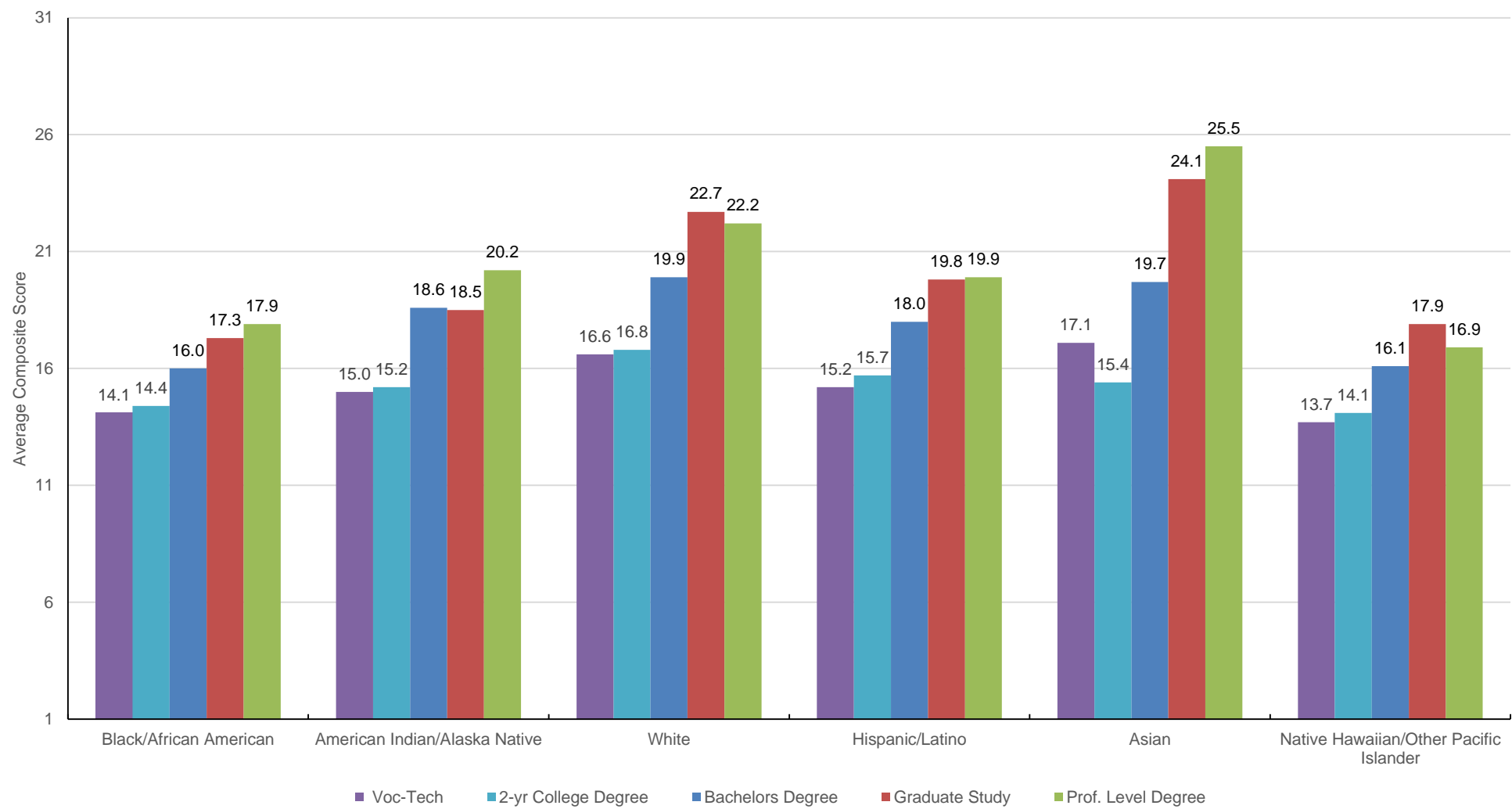
<sup>1</sup>Includes General, Physical and Earth Sciences.

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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.

**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 <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent	Avg ACT Comp	N	Percent	Avg ACT Comp
Agriculture & Natural Resources Conservation	735	2	17.9	160	5	15.8	510	3	18.8
Architecture	305	1	18.9	44	1	15.5	238	1	19.6
Area, Ethnic, & Multidisciplinary Studies	30	0	19.1	4	0	19.0	21	0	20.5
Arts: Visual & Performing	1,836	6	19.1	308	9	16.4	1,397	8	19.9
Business	1,687	5	19.3	238	7	16.5	1,385	8	19.9
Communications	245	1	20.6	21	1	18.1	215	1	21.1
Community, Family, & Personal Services	1,048	3	17.1	267	8	15.9	690	4	17.8
Computer Science & Mathematics	684	2	21.8	66	2	18.0	590	3	22.3
Education	1,360	4	19.2	86	3	16.0	1,237	7	19.5
Engineering	1,484	5	20.6	185	6	16.0	1,230	7	21.5
Engineering Technology & Drafting	403	1	18.5	108	3	15.9	253	1	19.9
English & Foreign Languages	203	1	21.6	12	0	18.5	182	1	21.9
Health Administration & Assisting	794	3	17.4	126	4	16.1	617	3	17.7
Health Sciences & Technologies	5,118	16	19.7	356	11	16.5	4,604	25	20.0
Philosophy, Religion, & Theology	121	0	21.1	10	0	17.8	102	1	21.5
Repair, Production, & Construction	758	2	16.7	405	12	16.5	250	1	17.6
Sciences: Biological & Physical	971	3	21.9	23	1	17.0	902	5	22.2
Social Sciences & Law	1,496	5	20.5	90	3	16.3	1,345	7	20.9
Undecided	2,347	8	18.6	397	12	15.9	1,610	9	19.8
No Response	9,371	30	17.1	343	10	14.7	663	4	16.9

<sup>1</sup>2-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.

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

**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	1,043	15.9	167	14.1	9	15.0	550	16.6	104	15.2
2-yr College Degree	2,275	16.1	363	14.4	18	15.2	1,171	16.8	303	15.7
Bachelors Degree	10,885	19.0	1,458	16.0	82	18.6	6,129	19.9	1,182	18.0
Graduate Study	2,528	21.7	295	17.3	11	18.5	1,570	22.7	182	19.8
Prof. Level Degree	4,753	21.2	644	17.9	27	20.2	2,723	22.2	462	19.9
Other	915	16.1	116	14.2	9	16.0	527	16.7	97	15.1
No Response	8,828	17.2	1,538	15.1	64	16.5	3,091	18.3	1,045	16.1

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	1,043	15.9	9	17.1	3	13.7	41	16.4	160	15.8
2-yr College Degree	2,275	16.1	10	15.4	18	14.1	93	16.8	299	16.1
Bachelors Degree	10,885	19.0	171	19.7	42	16.1	502	19.5	1,319	18.6
Graduate Study	2,528	21.7	51	24.1	7	17.9	111	22.4	301	21.4
Prof. Level Degree	4,753	21.2	121	25.5	7	16.9	241	21.7	528	20.6
Other	915	16.1	9	17.3	8	13.3	35	17.7	114	16.2
No Response	8,828	17.2	125	18.8	37	13.8	336	17.6	2,592	17.7

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 ARKANSAS	Arkansas	8,216	3,656	4,560	2	15	30	27	17	8	1
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	6,681	2,050	4,631	3	18	34	26	14	5	0
ARKANSAS STATE UNIVERSITY	Arkansas	4,603	1,954	2,649	3	20	34	25	13	4	0
ARKANSAS TECH UNIVERSITY	Arkansas	4,393	1,591	2,802	3	21	33	26	13	4	0
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	2,516	616	1,900	5	28	35	19	10	3	0
HENDERSON STATE UNIVERSITY	Arkansas	2,163	706	1,457	4	22	34	24	12	4	0
STATE-NO COLLEGE PLANS	Iowa	1,728	1,728	0	14	45	27	10	3	1	0
UNIV OF ARKANSAS-FORT SMITH	Arkansas	1,667	655	1,012	3	21	33	26	13	3	0
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,384	423	961	4	24	37	23	9	3	0
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	1,030	470	560	4	26	37	22	10	1	0
HARDING UNIVERSITY	Arkansas	953	227	726	2	16	29	26	17	8	2
HENDRIX COLLEGE	Arkansas	947	168	779	1	14	28	23	20	11	3
OUACHITA BAPTIST UNIVERSITY	Arkansas	901	192	709	2	16	31	27	16	8	1
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	834	181	653	9	43	35	11	2	0	0
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	754	242	512	5	29	34	20	10	2	0
PULASKI TECHNICAL COLLEGE	Arkansas	742	248	494	7	35	32	19	6	1	0
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	738	270	468	4	22	41	22	8	2	0
LYON COLLEGE	Arkansas	662	125	537	2	19	31	24	16	6	0
UNIVERSITY OF THE OZARKS	Arkansas	625	112	513	4	24	37	23	10	2	0
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	514	79	435	2	16	35	26	16	5	0
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	498	166	332	5	28	41	18	6	1	0
JOHN BROWN UNIVERSITY	Arkansas	470	102	368	2	15	32	27	17	6	1
TALENT SEARCH PROGRAM-UALR	Arkansas	469	98	371	5	28	35	20	9	3	0
NCAA ELIGIBILITY CENTER	Indiana	424	252	172	7	32	35	17	6	2	0
SOUTHERN ARKANSAS UNIVERSITY TECH	Arkansas	418	116	302	6	39	32	15	6	1	0
UNIVERSITY OF ALABAMA	Alabama	366	79	287	7	27	28	19	12	6	1
BAYLOR UNIVERSITY	Texas	365	79	286	1	13	25	24	20	15	2
UNIVERSITY OF OKLAHOMA	Oklahoma	354	71	283	3	14	31	26	16	9	3
NORTH ARKANSAS COLLEGE	Arkansas	334	111	223	5	35	28	19	10	3	0
UNIV OF ARKANSAS COMM COLL-BATESVILLE	Arkansas	333	199	134	5	31	35	20	7	2	0
All Other Institutions		24,176	5,573	18,603	4	22	30	22	13	7	1
Total		70,258	22,539	47,719	4	22	32	23	13	6	1

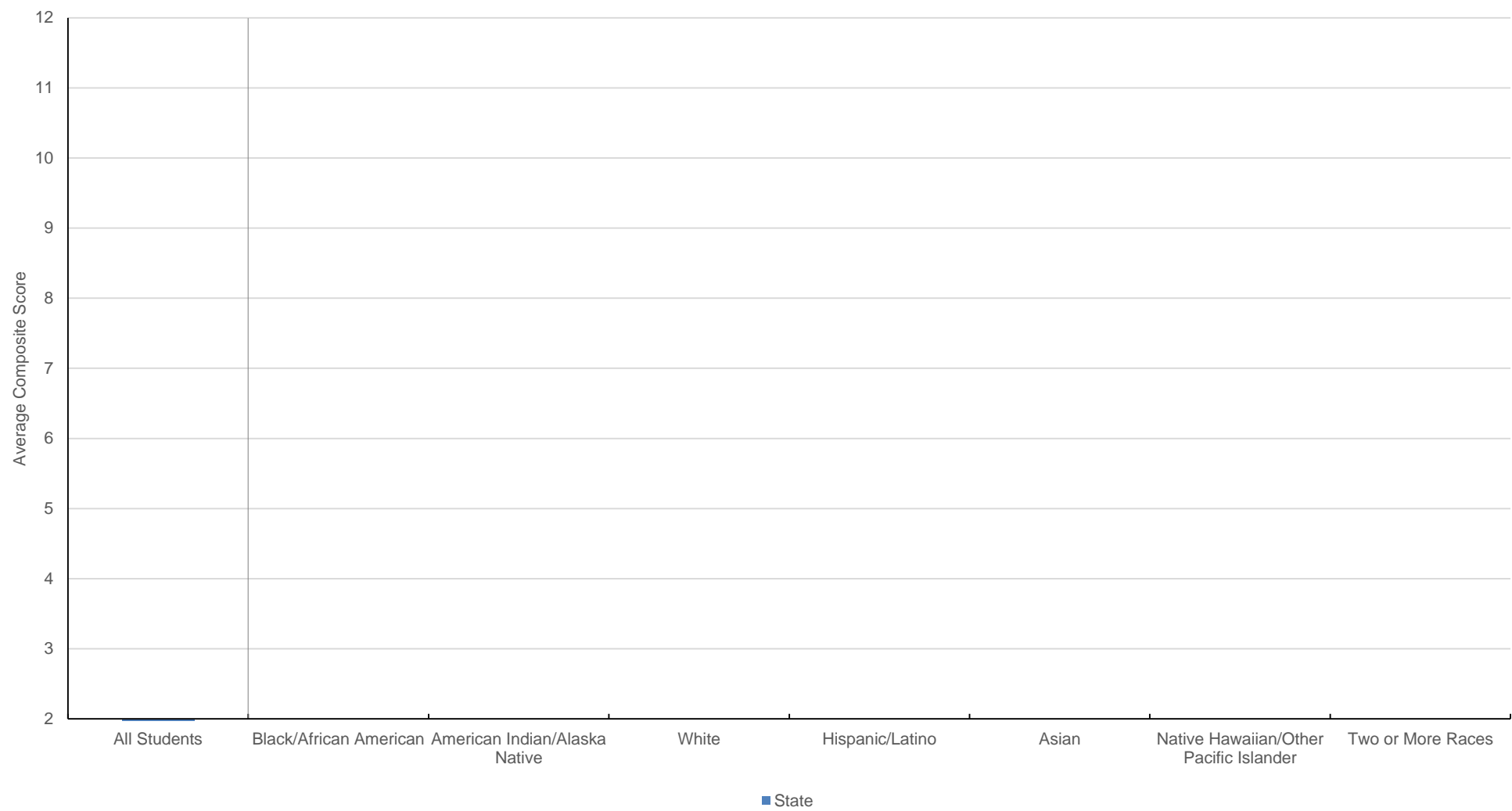
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# Section V

## Optional Writing Test Results

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



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

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

	N State	Average ACT Scores		
		English State	Reading State	Writing State
<b>All Students</b>	<b>0</b>	.	.	.
Black/African American	.	.	.	.
American Indian/Alaska Native	.	.	.	.
White	.	.	.	.
Hispanic/Latino	.	.	.	.
Asian	.	.	.	.
Native Hawaiian/Other Pacific Islander	.	.	.	.
Two or More Races	.	.	.	.
Prefer not/No Response	.	.	.	.
Males	.	.	.	.
Females	.	.	.	.
No Response	.	.	.	.

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

	N State	Average ACT Scores	
		Average ELA Score State	Percent Who Met ELA Benchmark State
<b>All Students</b>	<b>0</b>	.	.
Black/African American	0	.	.
American Indian/Alaska Native	0	.	.
White	0	.	.
Hispanic/Latino	0	.	.
Asian	0	.	.
Native Hawaiian/Other Pacific Islander	0	.	.
Two or More Races	0	.	.
Prefer not/No Response	0	.	.
Males	0	.	.
Females	0	.	.
No Response	0	.	.

