



# Profile Report - State

Graduating Class 2017  
Public High School Students  
Arkansas



## New to your 2017 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.

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We are pleased to provide this 2017 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2017 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 writing (optional)
- 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 and STEM. 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

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

16% 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:** 32,505 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. 75% 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 4% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 13% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 5% 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 10% of the cohort took less than three years of natural science courses. 5% of these students were college ready. In comparison, 28% 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 66% 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

Beginning in August of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning in August 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

To find the results of only standard time or extended time test takers, refer to Tables 1.8 and 1.9 on page 10.

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

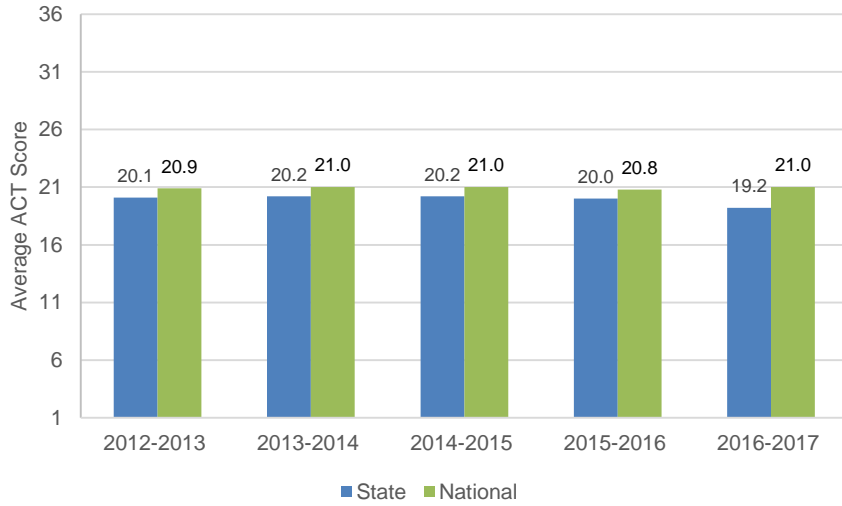


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing\*

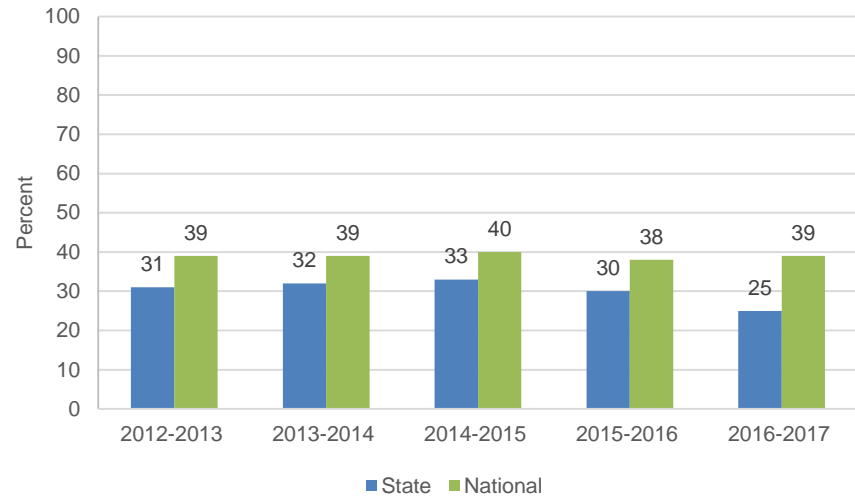


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing\*

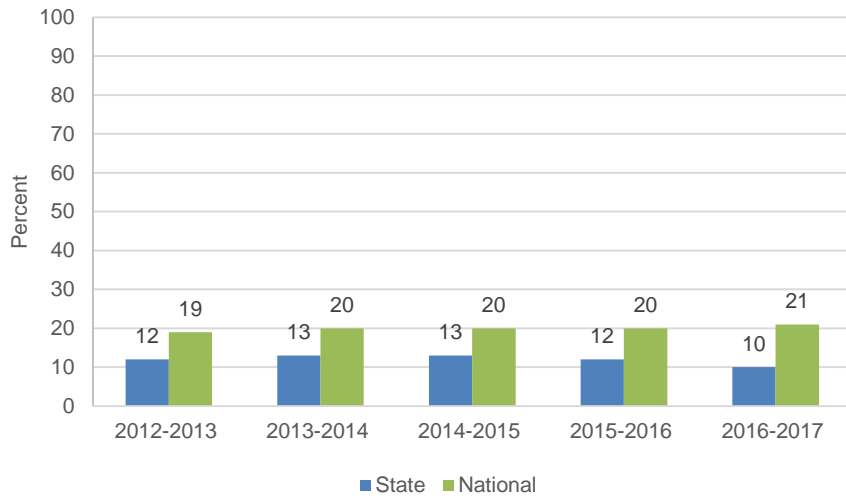
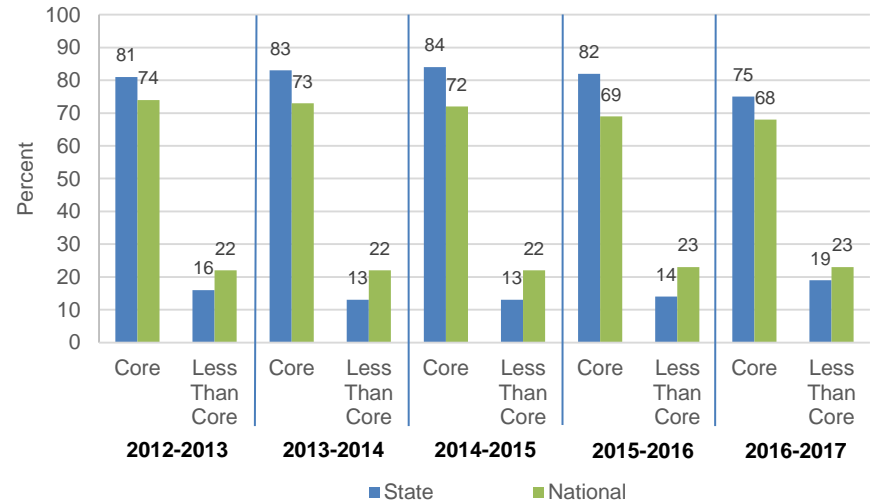


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing\*



\* 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 Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
			State	National	State	National	State	National	State	National	State	National
2013	23,997	1,799,243	62	64	34	44	38	44	28	36	19	26
2014	24,962	1,845,787	62	64	34	43	40	44	30	37	20	26
2015	25,154	1,924,436	61	64	34	42	41	46	31	38	20	28
2016	26,081	2,090,342	59	61	31	41	39	44	29	36	19	26
<b>2017</b>	<b>32,505</b>	<b>2,030,038</b>	<b>51</b>	<b>61</b>	<b>26</b>	<b>41</b>	<b>35</b>	<b>47</b>	<b>24</b>	<b>37</b>	<b>16</b>	<b>27</b>

**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
2013	23,997	1,799,243	19.7	20.2	19.8	20.9	20.3	21.1	20.0	20.7	20.1	20.9
2014	24,962	1,845,787	19.8	20.3	19.8	20.9	20.6	21.3	20.1	20.8	20.2	21.0
2015	25,154	1,924,436	19.7	20.4	19.8	20.8	20.6	21.4	20.2	20.9	20.2	21.0
2016	26,081	2,090,342	19.5	20.1	19.5	20.6	20.5	21.3	20.0	20.8	20.0	20.8
<b>2017</b>	<b>32,505</b>	<b>2,030,038</b>	<b>18.6</b>	<b>20.3</b>	<b>18.9</b>	<b>20.7</b>	<b>19.5</b>	<b>21.4</b>	<b>19.4</b>	<b>21.0</b>	<b>19.2</b>	<b>21.0</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2013	1,799,243	20.2	20.9	21.1	20.7	20.9
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
<b>2017</b>	<b>2,030,038</b>	<b>20.3</b>	<b>20.7</b>	<b>21.4</b>	<b>21.0</b>	<b>21.0</b>

**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	19,477	3,750	81	16	20.6	16.1	20.4	17.3	21.1	17.3	20.6	17.3	20.8	17.1
2014	20,763	3,329	83	13	20.7	15.7	20.4	17.1	21.4	17.1	20.8	17.1	20.9	16.9
2015	21,046	3,175	84	13	20.6	15.9	20.4	17.3	21.3	17.4	20.8	17.5	20.9	17.2
2016	21,427	3,521	82	14	20.4	15.9	20.1	17.1	21.2	17.3	20.7	17.2	20.7	17.0
<b>2017</b>	<b>24,231</b>	<b>6,113</b>	<b>75</b>	<b>19</b>	<b>19.9</b>	<b>15.0</b>	<b>19.7</b>	<b>16.6</b>	<b>20.6</b>	<b>16.4</b>	<b>20.3</b>	<b>16.9</b>	<b>20.3</b>	<b>16.4</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			2015			2016			2017		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>23,997</b>	<b>100</b>	<b>20.1</b>	<b>24,962</b>	<b>100</b>	<b>20.2</b>	<b>25,154</b>	<b>100</b>	<b>20.2</b>	<b>26,081</b>	<b>100</b>	<b>20.0</b>	<b>32,505</b>	<b>100</b>	<b>19.2</b>
Black/African American	4,310	18	16.7	4,365	17	16.9	4,459	18	16.8	4,785	18	16.8	5,504	17	16.3
American Indian/Alaska Native	154	1	19.4	131	1	19.7	162	1	19.6	172	1	19.3	206	1	18.2
White	15,324	64	21.2	15,736	63	21.4	15,699	62	21.4	15,429	59	21.3	18,675	57	20.4
Hispanic/Latino	1,927	8	18.8	2,100	8	18.7	2,256	9	18.9	2,509	10	18.6	3,470	11	18.0
Asian	381	2	22.0	420	2	22.3	474	2	22.6	442	2	22.5	524	2	21.7
Native Hawaiian/Other Pacific Islander	35	0	18.3	52	0	17.1	40	0	18.2	51	0	18.1	145	0	15.4
Two or more races	872	4	20.7	891	4	20.7	1,059	4	20.7	1,183	5	20.3	1,436	4	19.8
Prefer not to respond/No response	994	4	18.6	1,267	5	18.7	1,005	4	18.5	1,510	6	17.9	2,545	8	17.6

**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	National	State	National	State	National	State	National	State	National
2013	23,997	1,799,243	20.1	21.1	12	19	27.7	28.7	27.9	28.0
2014	24,962	1,845,787	20.2	21.1	13	20	27.8	28.7	28.4	28.3
2015	25,154	1,924,436	20.3	21.1	13	20	27.7	28.7	28.2	28.4
2016	26,081	2,090,342	20.0	20.9	12	20	27.7	28.7	28.5	28.6
<b>2017</b>	<b>32,505</b>	<b>2,030,038</b>	<b>19.4</b>	<b>21.1</b>	<b>10</b>	<b>21</b>	<b>27.7</b>	<b>28.7</b>	<b>28.4</b>	<b>28.7</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	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	
2013	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2014	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2015	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2016	10,833	485,762	42	23	16.9	17.0	5,328	322,548	20	15	23.3	23.6	3,353	235,380	13	11	30.0	30.3
<b>2017</b>	<b>19,686</b>	<b>999,708</b>	<b>61</b>	<b>49</b>	<b>15.6</b>	<b>16.2</b>	<b>8,419</b>	<b>596,096</b>	<b>26</b>	<b>29</b>	<b>23.0</b>	<b>23.4</b>	<b>4,295</b>	<b>427,075</b>	<b>13</b>	<b>21</b>	<b>30.2</b>	<b>30.8</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.

**Table 1.8. Average ACT College Reportable Scores by Test Session Duration**

Student Group	Test Session Duration	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Standard Time	30,599	94	18.9	19.1	19.7	19.6	19.4
	Extended Time	1,906	6	13.9	15.8	15.6	15.9	15.4
	Total	32,505	100	18.6	18.9	19.5	19.4	19.2
National	Standard Time	1,927,386	95	20.5	20.8	21.5	21.1	21.1
	Extended Time	102,652	5	17.5	18.5	19.5	18.9	18.7
	Total	2,030,038	100	20.3	20.7	21.4	21.0	21.0

**Table 1.9. Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration**

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	53	27	36	25	16
	Extended Time	19	7	15	7	4
	Total	51	26	35	24	16
National	Standard Time	63	41	48	38	28
	Extended Time	42	25	36	26	19
	Total	61	41	47	37	27

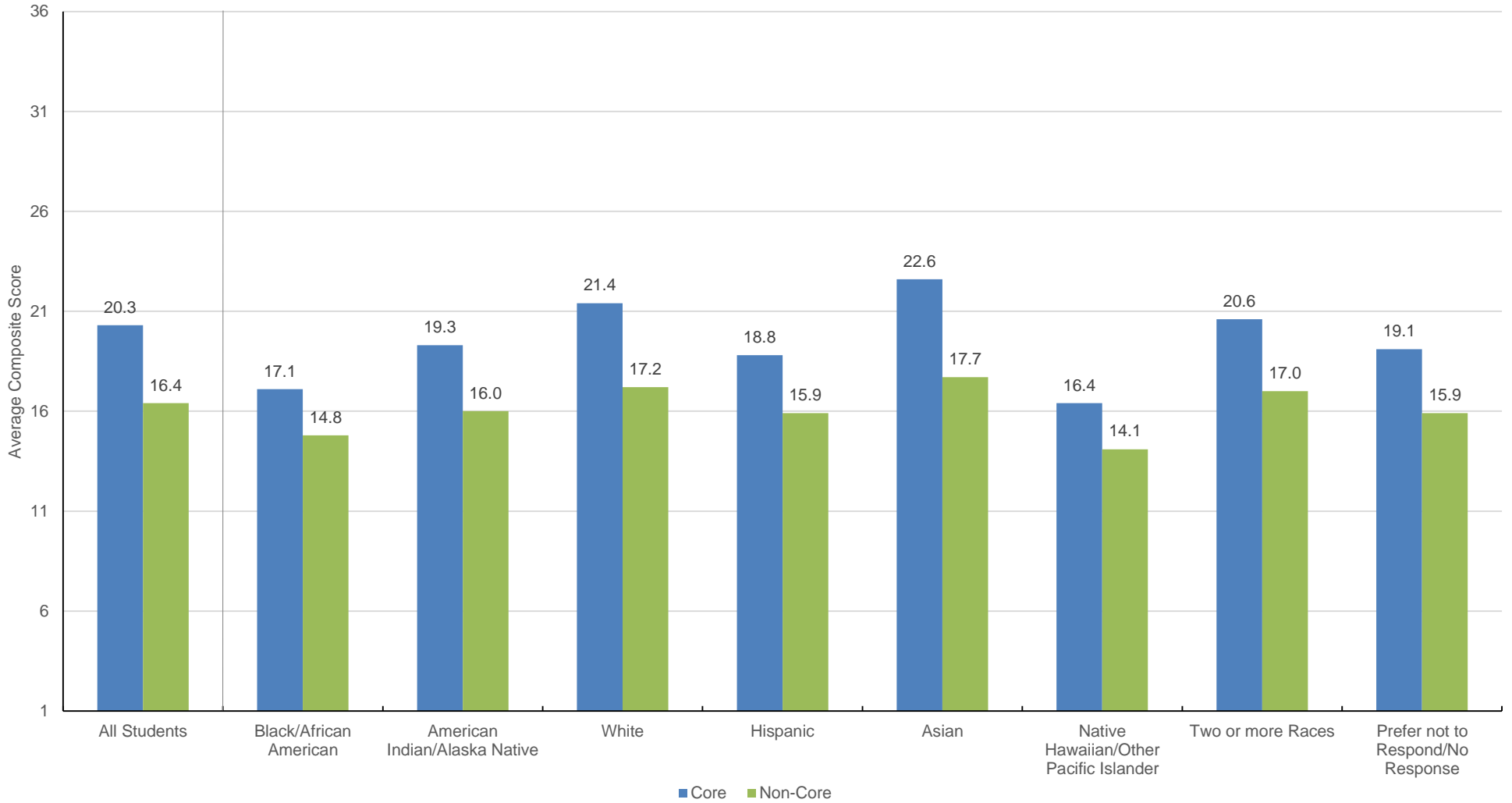
# Section II

## Academic Achievement

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

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 Score	English		Mathematics		Reading		Science		Composite		STEM		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
36	123	100	30	100	182	100	88	100	19	100	31	100	36
35	452	99	47	99	269	99	106	99	54	99	43	99	35
34	334	98	70	99	360	99	122	99	108	99	81	99	34
33	260	97	68	99	390	98	194	99	169	99	111	99	33
32	258	96	133	99	507	96	202	98	276	99	150	99	32
31	287	96	127	99	614	95	183	98	288	98	234	99	31
30	464	95	188	99	373	93	233	97	403	97	253	98	30
29	436	93	334	98	583	92	305	97	425	96	316	97	29
28	374	92	492	97	632	90	388	96	600	95	487	96	28
27	751	91	958	95	572	88	572	94	705	93	666	95	27
26	658	88	917	92	798	86	797	93	886	91	972	93	26
25	1,094	86	1,266	90	1,037	84	1,168	90	1,090	88	1,149	90	25
24	1,349	83	1,428	86	1,276	81	1,744	87	1,259	85	1,372	86	24
23	1,652	79	1,217	81	1,409	77	1,829	81	1,534	81	1,540	82	23
22	1,615	74	1,185	78	2,216	72	2,159	76	1,736	76	1,732	77	22
21	1,957	69	1,396	74	1,625	65	2,446	69	2,025	71	1,940	72	21
20	1,794	63	1,440	70	1,925	60	2,155	61	2,178	64	2,392	66	20
19	1,473	57	2,141	65	1,770	55	2,938	55	2,441	58	2,862	59	19
18	1,367	53	2,699	59	2,352	49	2,513	46	2,335	50	3,198	50	18
17	1,550	49	3,527	50	1,826	42	2,417	38	2,630	43	3,290	40	17
16	2,281	44	5,157	40	1,787	36	2,944	31	2,593	35	3,463	30	16
15	2,378	37	4,115	24	1,944	31	1,925	22	2,616	27	2,773	19	15
14	2,137	30	2,031	11	2,377	25	1,662	16	2,512	19	1,897	11	14
13	1,219	23	991	5	1,837	17	1,439	11	2,112	11	1,053	5	13
12	1,560	19	375	2	1,522	12	659	6	1,128	5	368	2	12
11	1,950	14	132	1	1,295	7	802	4	305	1	94	1	11
10	1,476	8	27	1	483	3	303	2	64	1	25	1	10
9	666	4	1	1	296	2	127	1	7	1	6	1	9
8	386	2	6	1	145	1	50	1	7	1	2	1	8
7	144	1	1	1	72	1	11	1	0	1	1	1	7
6	38	1	1	1	9	1	18	1	0	1	3	1	6
5	17	1	0	1	17	1	3	1	0	1	1	1	5
4	3	1	2	1	2	1	0	1	0	1	0	1	4
3	1	1	1	1	3	1	2	1	0	1	0	1	3
2	1	1	0	1	0	1	0	1	0	1	0	1	2
1	0	1	2	1	0	1	1	1	0	1	0	1	1
Avg (SD)	18.6 (6.4)		18.9 (4.5)		19.5 (6.2)		19.4 (4.9)		19.2 (5.0)		19.4 (4.4)		Avg (SD)

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

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>

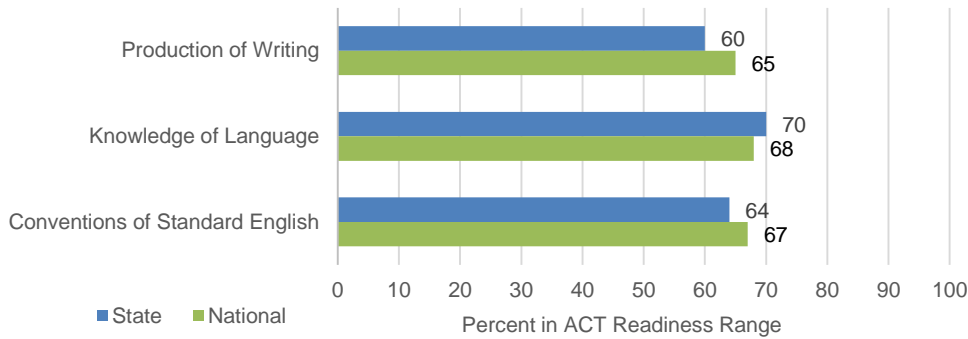


Figure 2.3. Math Reporting Categories<sup>1</sup>

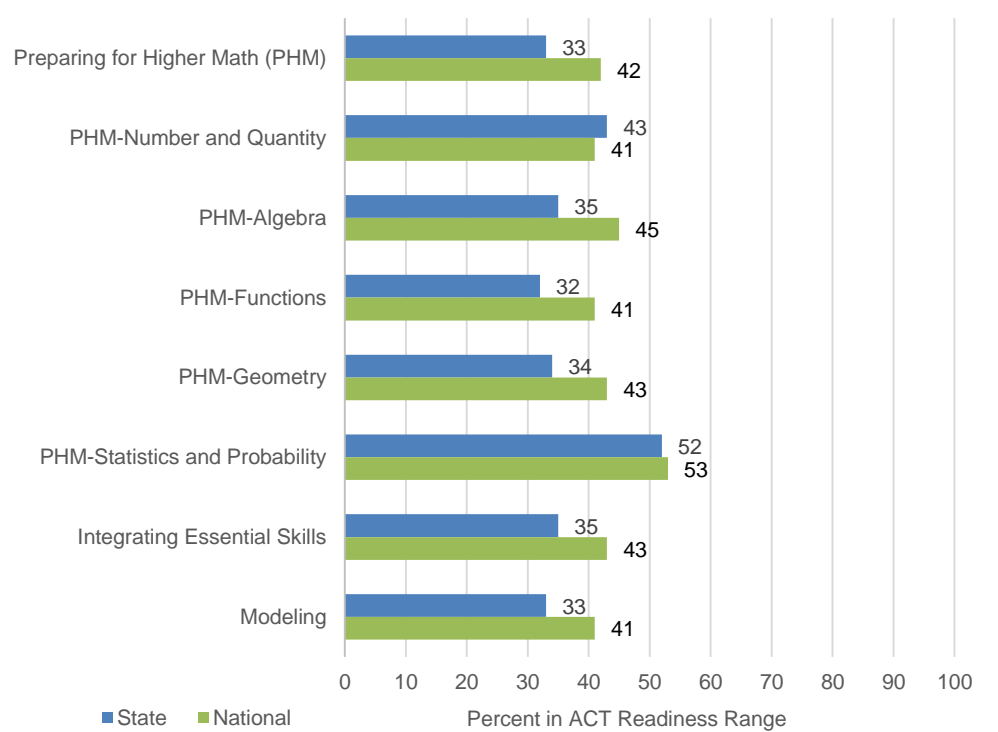


Figure 2.4. Reading Reporting Categories<sup>1</sup>

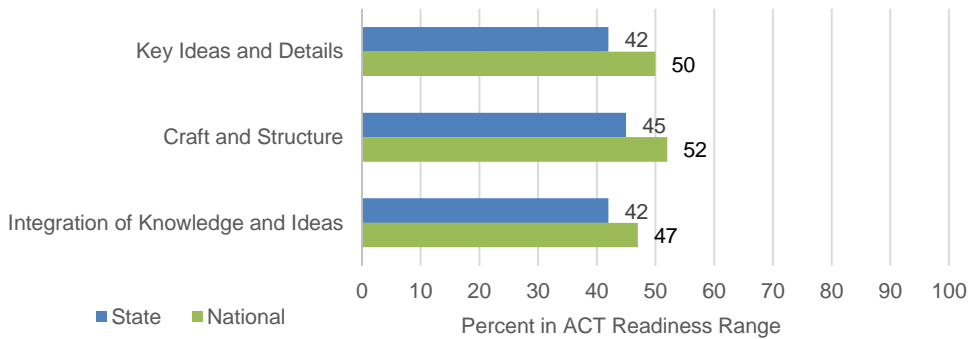
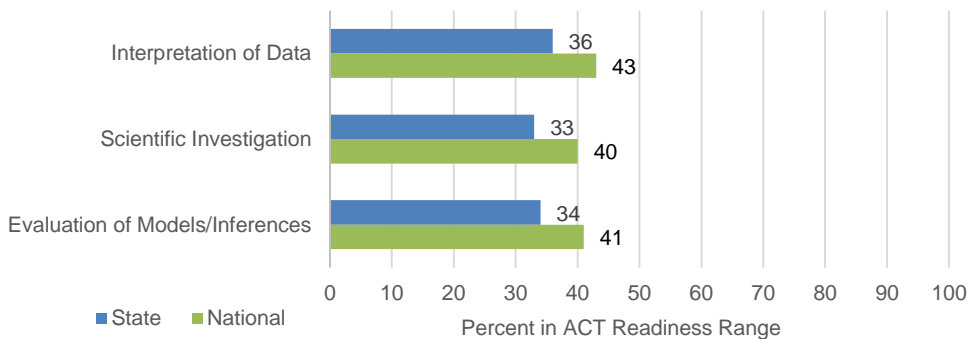


Figure 2.5. Science Reporting Categories<sup>1</sup>



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	32,505	75	20.3	16.4
	Black/African American	5,504	69	17.1	14.8
	American Indian/Alaska Native	206	69	19.3	16.0
	White	18,675	79	21.4	17.2
	Hispanic/Latino	3,470	73	18.8	15.9
	Asian	524	82	22.6	17.7
	Native Hawaiian/Other Pac. Isl.	145	54	16.4	14.1
	Two or More Races	1,436	77	20.6	17.0
	Prefer not/No Response	2,545	55	19.1	15.9
National	All Students	2,030,038	68	22.1	18.9
	Black/African American	256,756	63	17.9	16.0
	American Indian/Alaska Native	16,135	54	18.7	16.4
	White	1,062,439	72	23.4	20.2
	Hispanic/Latino	347,906	66	19.8	17.4
	Asian	96,097	78	25.0	22.5
	Native Hawaiian/Other Pac. Isl.	6,503	58	20.0	16.5
	Two or More Races	86,119	68	22.2	19.3
	Prefer not/No Response	158,083	46	22.6	18.3

<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	32,505	100	18.6	18.9	19.5	19.4	19.2	19.4
	Black/African American	5,504	17	15.2	16.5	16.2	16.7	16.3	16.8
	American Indian/Alaska Native	206	1	17.1	18.0	18.7	18.5	18.2	18.5
	White	18,675	57	20.1	19.8	20.8	20.4	20.4	20.4
	Hispanic/Latino	3,470	11	16.8	18.0	18.0	18.4	18.0	18.5
	Asian	524	2	21.2	22.3	21.1	21.8	21.7	22.3
	Native Hawaiian/Other Pac. Isl.	145	0	13.5	16.4	14.9	16.1	15.4	16.5
	Two or More Races	1,436	4	19.2	19.2	20.3	19.9	19.8	19.8
	Prefer not/No Response	2,545	8	16.5	17.6	17.9	18.0	17.6	18.1
National	All Students	2,030,038	100	20.3	20.7	21.4	21.0	21.0	21.1
	Black/African American	256,756	13	16.0	17.1	17.4	17.4	17.1	17.5
	American Indian/Alaska Native	16,135	1	16.1	17.6	18.0	18.0	17.5	18.0
	White	1,062,439	52	22.1	21.9	23.0	22.3	22.4	22.3
	Hispanic/Latino	347,906	17	17.7	18.9	19.3	19.1	18.9	19.2
	Asian	96,097	5	23.7	25.2	23.9	24.0	24.3	24.9
	Native Hawaiian/Other Pac. Isl.	6,503	0	17.2	18.6	18.6	18.7	18.4	18.9
	Two or More Races	86,119	4	20.6	20.7	21.9	21.2	21.2	21.2
	Prefer not/No Response	158,083	8	19.5	20.1	20.8	20.3	20.3	20.5

**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	16,000	71	20.2	16.1
	Females	16,434	78	20.3	16.7
	No Response	71	46	15.7	16.0
National	Males	939,730	66	22.3	18.7
	Females	1,047,170	71	21.9	19.3
	No Response	43,138	27	19.0	16.5

<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	16,000	49	17.9	19.0	19.0	19.4	18.9	19.4
	Females	16,434	51	19.3	18.8	19.9	19.4	19.5	19.3
	No Response	71	0	13.8	16.0	15.4	16.2	15.5	16.3
National	Males	939,730	46	19.9	21.2	21.2	21.3	21.0	21.5
	Females	1,047,170	52	20.8	20.4	21.8	20.8	21.1	20.8
	No Response	43,138	2	16.4	17.8	17.9	18.1	17.7	18.2

**Table 2.6. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	23	22	23	22	22
Q2 (50th Percentile)	18	17	19	19	18
Q1 (25th Percentile)	14	16	15	16	15

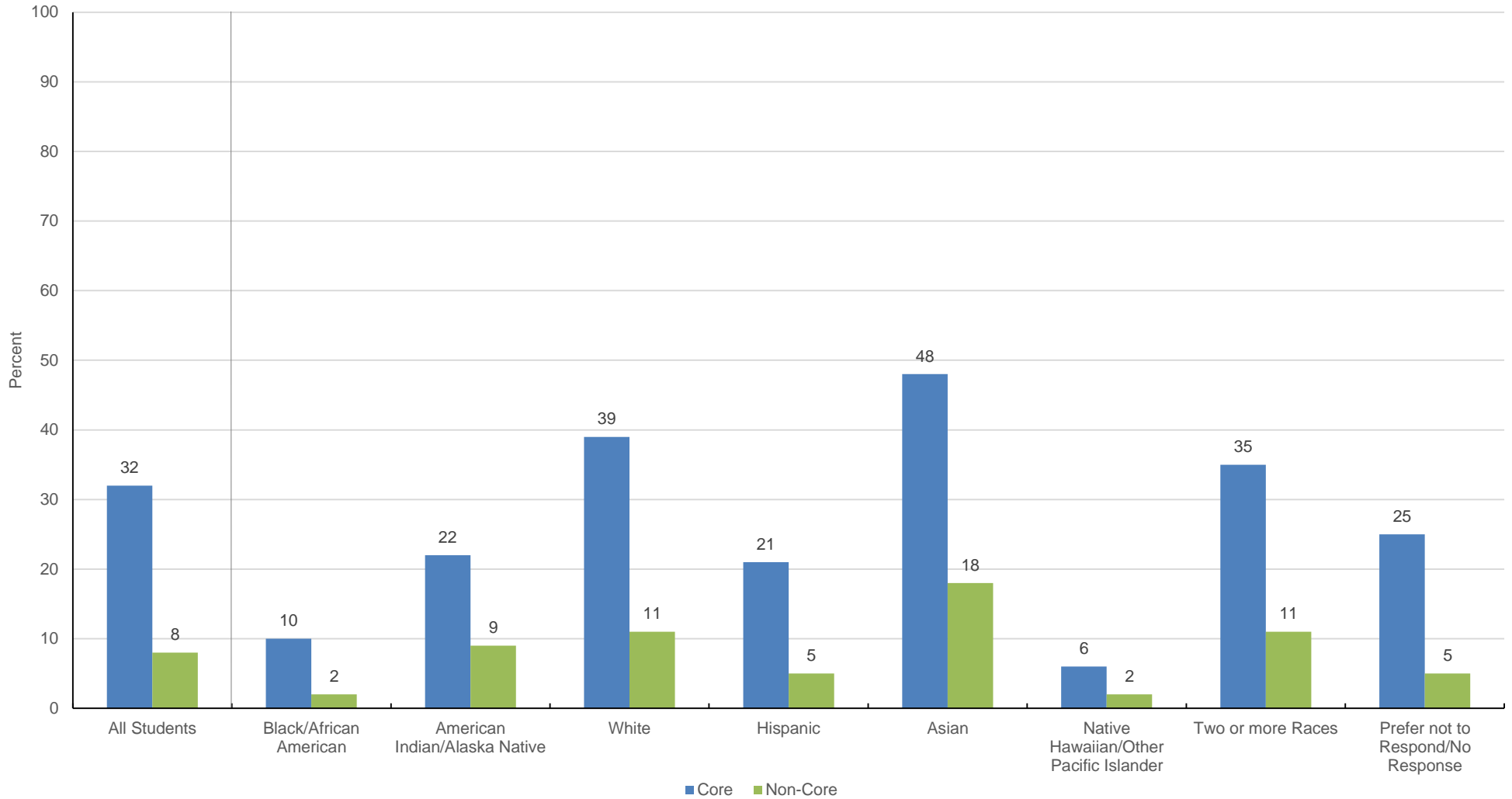
# Section III

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

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

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	1,169	4	215	1	1,201	4	510	2
	28 to 32	1,819	6	1,274	4	2,709	8	1,311	4
	24 to 27	3,852	12	4,569	14	3,683	11	4,281	13
	20 to 23	7,018	22	5,238	16	7,175	22	8,589	26
	16 to 19	6,671	21	13,524	42	7,735	24	10,812	33
	13 to 15	5,734	18	7,137	22	6,158	19	5,026	15
	01 to 12	6,242	19	548	2	3,844	12	1,976	6
National	33 to 36	136,676	7	61,071	3	141,382	7	79,636	4
	28 to 32	180,218	9	192,088	9	276,868	14	159,638	8
	24 to 27	304,755	15	404,500	20	287,704	14	371,660	18
	20 to 23	454,612	22	329,804	16	472,133	23	580,793	29
	16 to 19	372,731	18	686,547	34	426,969	21	513,876	25
	13 to 15	307,497	15	332,337	16	274,775	14	227,206	11
	01 to 12	273,549	13	23,691	1	150,207	7	97,229	5

**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	46	27	32	26	16
	Females	56	25	37	23	15
	No Response	17	7	11	7	3
National	Males	59	44	46	40	29
	Females	65	39	49	35	26
	No Response	37	19	24	18	10

**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
			Benchmark=18 %	Benchmark=22 %	Benchmark=22 %	Benchmark=23 %	%	Benchmark=26 %
State	All Students	32,505	51	26	35	24	16	10
	Black/African American	5,504	27	8	13	7	3	2
	American Indian/Alaska Native	206	41	19	30	17	8	5
	White	18,675	62	34	43	32	21	14
	Hispanic/Latino	3,470	39	18	25	16	9	5
	Asian	524	64	52	45	40	30	27
	Native Hawaiian/Other Pac. Isl	145	17	6	9	4	3	2
	Two or More Races	1,436	56	28	41	28	18	11
	Prefer Not to Respond	2,545	37	17	25	17	10	6
National	All Students	2,030,038	61	41	47	37	27	21
	Black/African American	256,756	33	13	20	11	6	4
	American Indian/Alaska Native	16,135	34	16	25	15	8	5
	White	1,062,439	74	51	58	47	35	26
	Hispanic/Latino	347,906	46	26	33	22	14	10
	Asian	96,097	76	70	62	58	48	46
	Native Hawaiian/Other Pac. Isl	6,503	43	26	29	21	15	11
	Two or More Races	86,119	64	40	50	38	27	20
	Prefer Not to Respond	158,083	54	36	42	34	25	20

**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>			Average
		N	%	Composite
State	Gold or Higher	5,023	15	27.9
	Silver	16,138	50	20.0
	Bronze	9,833	30	14.6
	Needs Improvement	1,511	5	11.7
National	Gold or Higher	538,392	27	28.5
	Silver	984,772	49	20.3
	Bronze	440,158	22	14.7
	Needs Improvement	66,716	3	11.5

<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>	24,231	60	19.9	32	19.7	42	20.6	30	20.3	20	20.3	13	20.3
	Less than Core	6,113	27	15.0	9	16.6	15	16.4	8	16.9	4	16.4	2	17.0
	Missing <sup>3</sup>	2,161	20	13.7	6	15.7	11	15.3	6	15.9	3	15.3	1	16.1
National	Core or More	1,376,479	70	21.6	48	21.7	54	22.6	44	21.9	33	22.1	25	22.1
	Less than Core	464,989	46	17.9	26	18.8	33	19.3	24	19.1	16	18.9	11	19.2
	Missing	188,570	37	16.5	20	17.9	27	18.2	20	18.3	12	17.9	9	18.3

<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>	28,686	55	19.1	29,240	28	19.2	27,924	38	20.1	27,343	28	20.0
	Less than Core	2,102	30	15.1	1,280	4	15.6	2,748	12	15.8	3,303	5	16.2
	Missing <sup>3</sup>	1,717	22	14.0	1,985	6	15.7	1,833	12	15.5	1,859	6	16.1
National	Core or More	1,749,083	65	20.9	1,754,759	44	21.2	1,634,115	51	22.0	1,601,572	42	21.7
	Less than Core	109,158	34	15.9	96,952	8	16.3	218,140	34	19.5	248,948	17	18.2
	Missing	171,797	39	16.7	178,327	21	18.0	177,783	28	18.3	179,518	20	18.4

<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				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	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	5,819	18	20.6	65	372,397	18	22.0	72
Eng 9, Eng 10, Eng 11, Eng 12	22,867	70	18.7	52	1,376,686	68	20.6	64
Less than 4 years of English	2,102	6	15.1	30	109,158	5	15.9	34
Zero years / no English courses reported	1,717	5	14.0	22	171,797	8	16.7	39
<b>MATHEMATICS COURSE PATTERN</b>								
	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	1,052	3	20.6	41	117,096	6	23.2	62
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,959	6	21.2	48	152,416	8	21.5	51
Alg 1, Alg 2, Geom, & Trig	1,435	4	18.0	18	113,080	6	18.9	26
Alg 1, Alg 2, Geom, & Other Adv Math	10,360	32	18.7	22	364,399	18	19.3	29
Other comb of 4 or more years of Math	8,719	27	21.2	45	684,625	34	23.8	64
Alg 1, Alg 2, & Geom	4,142	13	16.2	5	217,043	11	16.9	10
Other comb of 3 or 3.5 years of Math	1,573	5	17.7	15	106,100	5	19.6	32
Less than 3 years of Math	1,280	4	15.6	4	96,952	5	16.3	8
Zero years / no Math courses reported	1,985	6	15.7	6	178,327	9	18.0	21
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
	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	170	1	18.3	26	52,959	3	22.1	51
Other comb of 4 or more years Social Science	16,224	50	20.9	43	934,153	46	22.6	55
US Hist, World Hist, & Am Gov	830	3	17.1	20	120,831	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	10,700	33	19.1	32	526,172	26	21.6	48
Less than 3 years of Social Science	2,748	8	15.8	12	218,140	11	19.5	34
Zero years / no Social Science courses reported	1,833	6	15.5	12	177,783	9	18.3	28
<b>NATURAL SCIENCE COURSE PATTERN</b>								
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	10,389	32	20.2	30	809,286	40	22.4	48
Bio, Chem, Phys	1,033	3	22.8	50	225,060	11	23.2	53
Gen Sci <sup>1</sup> , Bio, Chem	13,820	43	19.7	25	513,247	25	20.2	30
Other comb of 3 years of Natural Science	2,101	6	19.2	23	53,979	3	19.1	24
Less than 3 years of Natural Science	3,303	10	16.2	5	248,948	12	18.2	17
Zero years / no Natural Science courses reported	1,859	6	16.1	6	179,518	9	18.4	20

<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
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,819	18	20.6	65	2,485	16	19.9	60	3,326	20	21.1	69
Eng 9, Eng 10, Eng 11, Eng 12	22,867	70	18.7	52	11,300	71	18.1	48	11,525	70	19.4	56
Less than 4 years of English	2,102	6	15.1	30	1,208	8	14.5	25	882	5	16.0	36
Zero years / no English courses reported	1,717	5	14.0	22	1,007	6	13.8	21	701	4	14.4	24
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,052	3	20.6	41	475	3	21.5	48	572	3	19.9	36
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,959	6	21.2	48	742	5	21.3	48	1,216	7	21.2	47
Alg 1, Alg 2, Geom, & Trig	1,435	4	18.0	18	724	5	18.1	19	710	4	17.8	17
Alg 1, Alg 2, Geom, & Other Adv Math	10,360	32	18.7	22	4,490	28	18.8	23	5,858	36	18.6	21
Other comb of 4 or more years of Math	8,719	27	21.2	45	4,408	28	21.7	49	4,302	26	20.8	42
Alg 1, Alg 2, & Geom	4,142	13	16.2	5	2,344	15	16.4	6	1,776	11	16.0	3
Other comb of 3 or 3.5 years of Math	1,573	5	17.7	15	870	5	17.8	16	698	4	17.5	14
Less than 3 years of Math	1,280	4	15.6	4	766	5	15.5	3	508	3	15.6	5
Zero years / no Math courses reported	1,985	6	15.7	6	1,181	7	15.7	6	794	5	15.6	6
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	170	1	18.3	26	104	1	18.1	26	66	0	18.6	26
Other comb of 4 or more years Social Science	16,224	50	20.9	43	7,228	45	20.6	42	8,974	55	21.1	45
US Hist, World Hist, & Am Gov	830	3	17.1	20	530	3	17.2	20	299	2	17.0	21
Other comb of 3 or 3.5 years of Social Science	10,700	33	19.1	32	5,493	34	18.8	30	5,187	32	19.4	33
Less than 3 years of Social Science	2,748	8	15.8	12	1,563	10	15.5	12	1,166	7	16.2	13
Zero years / no Social Science courses reported	1,833	6	15.5	12	1,082	7	15.3	12	742	5	15.9	13
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	10,389	32	20.2	30	5,295	33	20.6	35	5,074	31	19.8	26
Bio, Chem, Phys	1,033	3	22.8	50	469	3	23.4	55	562	3	22.2	47
Gen Sci <sup>2</sup> , Bio, Chem	13,820	43	19.7	25	5,958	37	19.6	25	7,839	48	19.7	25
Other comb of 3 years of Natural Science	2,101	6	19.2	23	1,229	8	19.5	27	869	5	18.7	18
Less than 3 years of Natural Science	3,303	10	16.2	5	1,957	12	16.1	5	1,332	8	16.4	5
Zero years / no Natural Science courses reported	1,859	6	16.1	6	1,092	7	16.1	6	758	5	16.2	7

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

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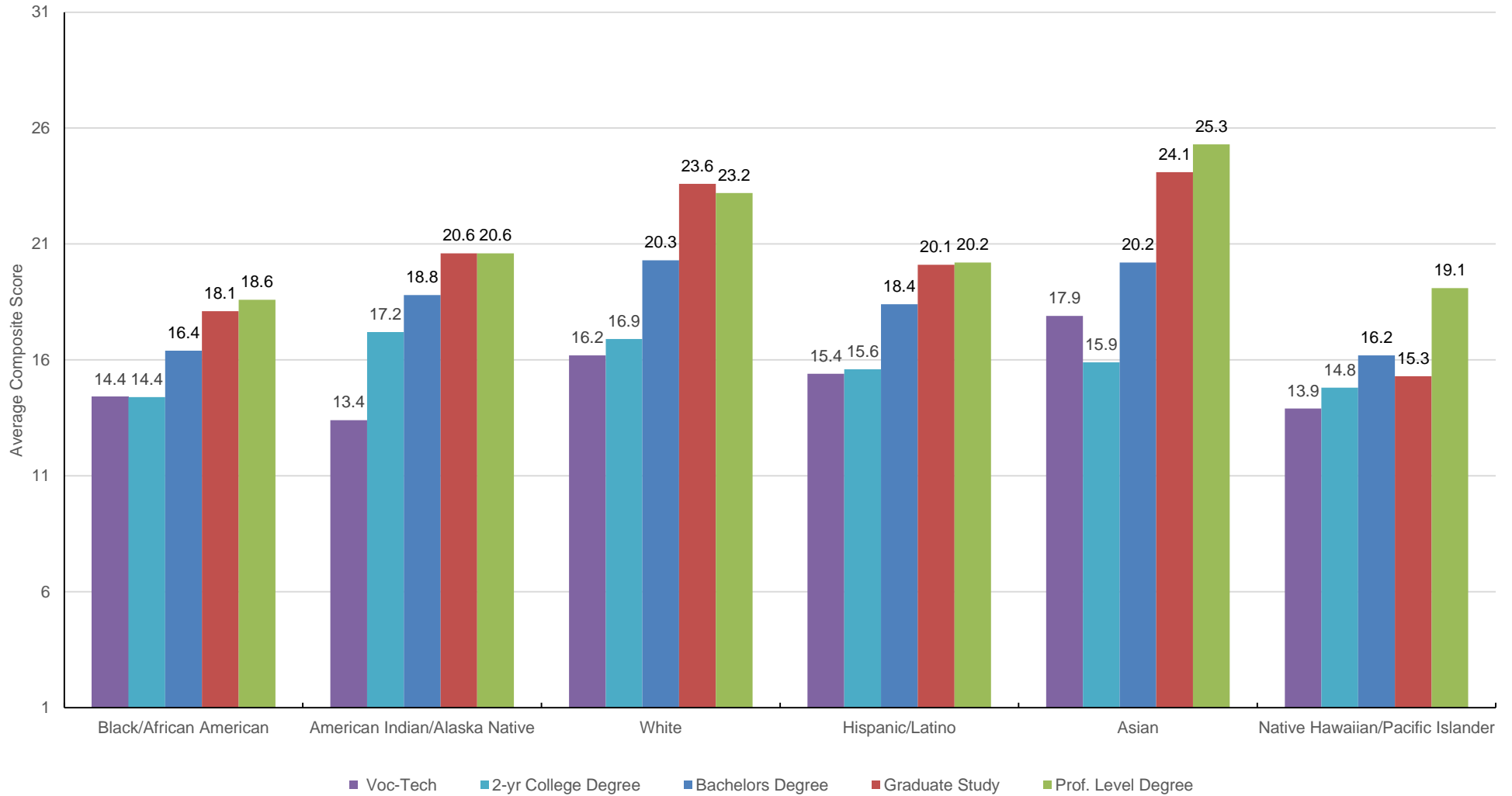
# Section IV

## Career and Educational Aspirations

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

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	1,042	3	18.2	185	5	15.9	776	3	19.0
Architecture	375	1	19.1	42	1	15.1	309	1	20.0
Area, Ethnic, & Multidisciplinary Studies	32	0	18.9	7	0	14.0	22	0	20.9
Arts: Visual & Performing	2,215	7	19.5	300	8	16.4	1,762	7	20.2
Business	2,303	7	19.4	308	8	15.9	1,907	8	20.1
Communications	342	1	20.5	28	1	17.2	307	1	21.0
Community, Family, & Personal Services	1,216	4	17.5	297	8	16.1	816	3	18.2
Computer Science & Mathematics	924	3	22.3	76	2	17.4	813	3	22.9
Education	1,774	5	19.5	96	3	15.8	1,620	7	19.9
Engineering	1,887	6	21.0	228	6	16.1	1,569	7	21.9
Engineering Technology & Drafting	545	2	17.9	132	4	15.7	378	2	18.9
English & Foreign Languages	241	1	22.2	11	0	16.7	221	1	22.6
Health Administration & Assisting	1,157	4	17.4	161	4	16.0	921	4	17.7
Health Sciences & Technologies	6,404	20	20.2	358	10	16.5	5,835	24	20.5
Philosophy, Religion, & Theology	155	0	20.4	13	0	16.8	128	1	21.0
Repair, Production, & Construction	939	3	16.5	524	14	16.0	307	1	17.8
Sciences: Biological & Physical	1,277	4	22.5	39	1	17.2	1,199	5	22.8
Social Sciences & Law	2,013	6	20.6	97	3	16.7	1,826	8	20.9
Undecided	3,811	12	19.2	483	13	15.9	2,858	12	20.3
No Response	3,716	11	15.6	307	8	14.5	388	2	15.9

<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	1,338	15.7	222	14.4	14	13.4	708	16.2	154	15.4
2-yr College Degree	2,404	16.1	428	14.4	19	17.2	1,261	16.9	325	15.6
Bachelors Degree	14,847	19.2	2,496	16.4	90	18.8	8,912	20.3	1,626	18.4
Graduate Study	2,975	22.4	346	18.1	17	20.6	1,983	23.6	240	20.1
Prof. Level Degree	6,205	22.0	975	18.6	33	20.6	3,714	23.2	594	20.2
Other	1,026	15.9	150	14.5	7	15.0	559	16.5	114	15.5
No Response	3,710	15.9	887	14.5	26	16.1	1,538	16.8	417	15.3

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	1,338	15.7	14	17.9	14	13.9	42	16.3	170	15.1
2-yr College Degree	2,404	16.1	23	15.9	25	14.8	88	16.3	235	15.8
Bachelors Degree	14,847	19.2	214	20.2	54	16.2	637	19.4	818	18.1
Graduate Study	2,975	22.4	52	24.1	10	15.3	136	22.4	191	20.4
Prof. Level Degree	6,205	22.0	174	25.3	13	19.1	352	22.4	350	21.1
Other	1,026	15.9	13	14.7	11	12.9	40	16.5	132	15.9
No Response	3,710	15.9	34	17.9	18	13.6	141	16.6	649	16.0

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	8,839	3,872	4,967	2	12	26	28	19	11	2
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	7,507	2,236	5,271	2	13	31	30	17	7	1
ARKANSAS STATE UNIVERSITY	Arkansas	5,678	2,342	3,336	2	15	31	29	16	6	0
ARKANSAS TECH UNIVERSITY	Arkansas	5,263	1,872	3,391	2	16	31	29	15	6	0
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	2,549	620	1,929	3	22	32	26	11	5	1
HENDERSON STATE UNIVERSITY	Arkansas	2,127	620	1,507	3	17	35	27	13	4	0
UNIV OF ARKANSAS-FORT SMITH	Arkansas	2,032	778	1,254	3	15	34	28	14	5	0
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,618	575	1,043	2	18	36	26	14	4	0
STATE-NO COLLEGE PLANS	Iowa	1,212	1,212	0	14	46	28	9	3	0	0
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	1,180	454	726	3	23	37	26	10	2	0
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	1,151	541	610	4	20	37	28	9	2	0
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	1,111	382	729	4	25	34	23	11	2	0
HENDRIX COLLEGE	Arkansas	1,062	220	842	1	10	21	23	22	20	4
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	992	251	741	7	40	39	11	2	0	0
HARDING UNIVERSITY	Arkansas	955	235	720	1	8	24	32	22	13	2
PULASKI TECHNICAL COLLEGE	Arkansas	953	373	580	6	32	38	19	4	1	0
OUACHITA BAPTIST UNIVERSITY	Arkansas	872	211	661	1	9	26	30	21	11	2
NCAA ELIGIBILITY CENTER	Indiana	628	294	334	3	21	34	25	12	4	0
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	588	223	365	3	21	39	27	8	2	0
LYON COLLEGE	Arkansas	534	119	415	1	10	23	27	24	13	1
JOHN BROWN UNIVERSITY	Arkansas	509	122	387	1	14	26	29	19	10	1
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	504	67	437	2	16	30	32	14	6	0
UNIVERSITY OF THE OZARKS	Arkansas	504	98	406	2	18	35	27	13	4	0
UNIVERSITY OF MEMPHIS	Tennessee	423	90	333	2	19	35	27	14	4	0
BLACK RIVER TECHNICAL COLLEGE	Arkansas	374	140	234	5	25	41	22	6	1	0
TALENT SEARCH PROGRAM-UALR	Arkansas	371	76	295	5	25	36	20	11	2	1
NATIONAL PARK COLLEGE	Arkansas	365	126	239	4	27	33	28	7	2	0
BAYLOR UNIVERSITY	Texas	363	78	285	1	10	16	23	22	23	5
NORTH ARKANSAS COLLEGE	Arkansas	362	146	216	2	18	41	27	10	2	0
ARKANSAS STATE UNIVERSITY-NEWPORT	Arkansas	345	104	241	5	33	40	18	4	1	0
All Other Institutions		24,232	6,036	18,196	4	20	28	22	14	10	2
<b>Total</b>		<b>75,203</b>	<b>24,513</b>	<b>50,690</b>	<b>3</b>	<b>18</b>	<b>30</b>	<b>25</b>	<b>15</b>	<b>8</b>	<b>1</b>

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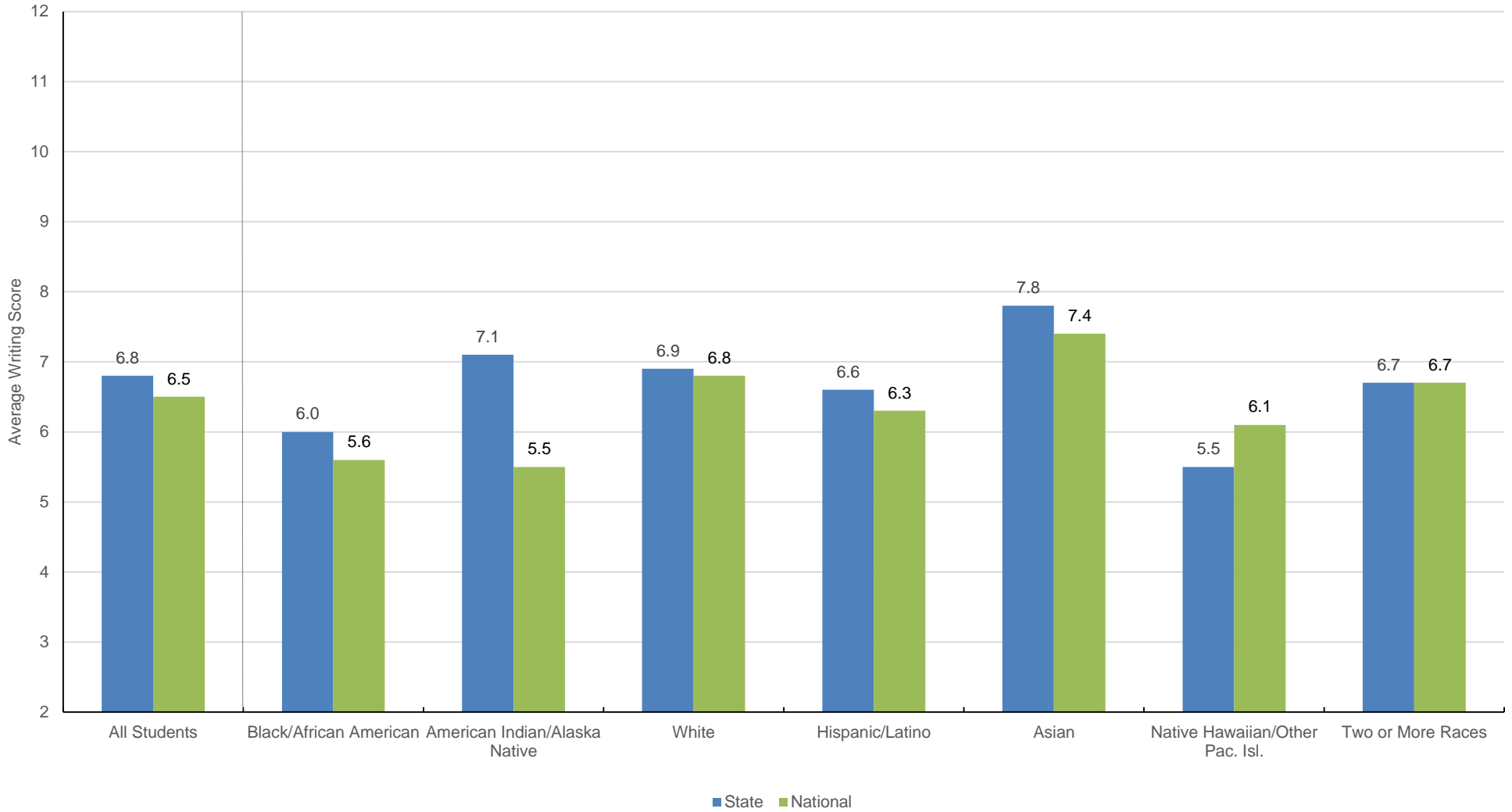
# Section V

## Optional Writing Test Results

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

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



\*Missing columns reflect race/ethnicity groupings that are missing. Results based on students with ACT Writing scores from test events beginning September 2015. Score scale is 2-12.

**Table 5.1. Average ACT English Language Arts and Constituent Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing<sup>1</sup>**

	N		Average ACT Scores							
			Writing		English		Reading		English Language Arts	
			State	National	State	National	State	National	State	National
<b>All Students</b>	<b>1,463</b>	<b>1,090,621</b>	<b>6.8</b>	<b>6.5</b>	<b>23.6</b>	<b>20.9</b>	<b>24.1</b>	<b>22.0</b>	<b>22.0</b>	<b>20.2</b>
Black/African American	197	125,357	6.0	5.6	19.5	16.2	19.3	17.7	18.0	16.0
American Indian/Alaska Native	8	7,357	7.1	5.5	21.1	15.9	22.8	17.9	21.1	16.0
White	889	525,822	6.9	6.8	24.5	22.8	25.1	23.8	22.8	21.8
Hispanic/Latino	147	218,012	6.6	6.3	21.3	18.1	22.2	19.7	20.4	18.1
Asian	77	72,490	7.8	7.4	28.7	24.5	27.4	24.7	26.1	23.3
Native Hawaiian/Other Pac. Isl.	2	4,270	5.5	6.1	18.5	17.5	16.5	18.8	16.5	17.5
Two or More Races	93	48,148	6.7	6.7	23.2	21.2	24.2	22.5	21.9	20.6
Prefer not/No Response	50	89,165	6.8	6.4	25.1	20.6	25.9	21.7	23.2	19.8
Males	573	496,038	6.6	6.3	24.0	20.6	24.4	21.8	21.9	19.8
Females	890	568,720	6.9	6.8	23.4	21.4	23.9	22.4	22.1	20.8
No Response	0	25,863	.	5.5	.	16.4	.	18.0	.	16.3

<sup>1</sup>Results based on students with ACT writing scores with test events beginning September 2015. The writing score range is 2-12 (i.e., the rounded average of the four domain scores).

**Table 5.2. Average ACT English and Writing Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing<sup>1</sup>**

	N		Average ACT Scores					
			English		Writing		English / Writing Combined	
			State	National	State	National	State	National
<b>All Students</b>	<b>21</b>	<b>3,655</b>	<b>23.3</b>	<b>23.5</b>	<b>6.0</b>	<b>6.8</b>	<b>21.0</b>	<b>22.0</b>
Black/African American	1	200	26.0	18.5	6.0	6.1	23.0	17.6
American Indian/Alaska Native	0	14	.	19.9	.	5.9	.	18.6
White	15	2,049	19.9	24.1	5.3	6.9	17.9	22.5
Hispanic/Latino	1	588	24.0	18.4	6.0	5.8	22.0	17.2
Asian	3	367	35.7	29.5	8.7	8.1	32.3	27.5
Native Hawaiian/Other Pac. Isl.	0	2	.	21.5	.	6.0	.	20.0
Two or More Races	0	123	.	24.6	.	6.9	.	22.8
Prefer not/No Response	1	312	35.0	25.5	8.0	6.9	31.0	23.5
Males	10	1,700	21.9	23.6	5.5	6.6	19.5	21.9
Females	11	1,955	24.6	23.5	6.5	6.9	22.5	22.0
No Response	0	0	.	.	.	.	.	.

<sup>1</sup>Results based on students with ACT writing scores with test events prior to September 2015. The writing score range is 2-12.

