



# Profile Report - State

Graduating Class 2017

Colorado



## 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.

Total Students in Report: 59,259

**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

26% 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:** 59,259 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. 53% 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 7% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 10% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 10% of these students were college ready. In comparison, 52% 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 12% of the cohort took less than three years of natural science courses. 21% of these students were college ready. In comparison, 45% 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 54% 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 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.

Total Students in Report: 59,259

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

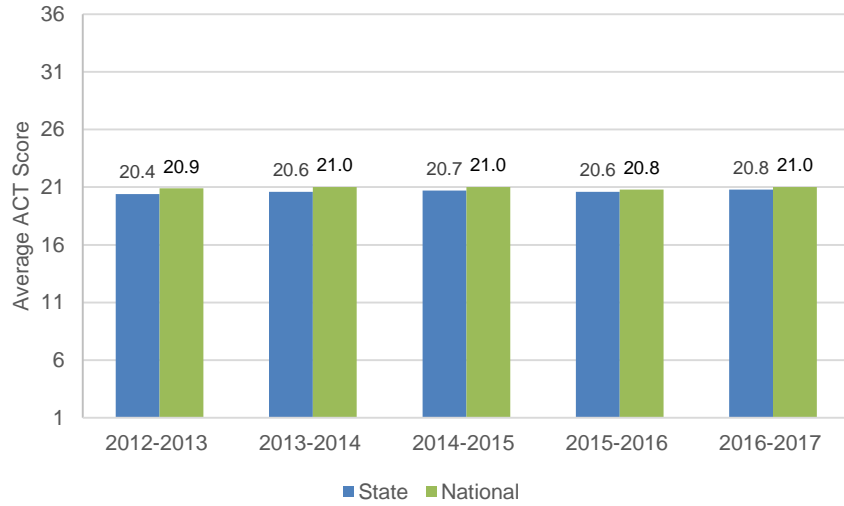


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing\*

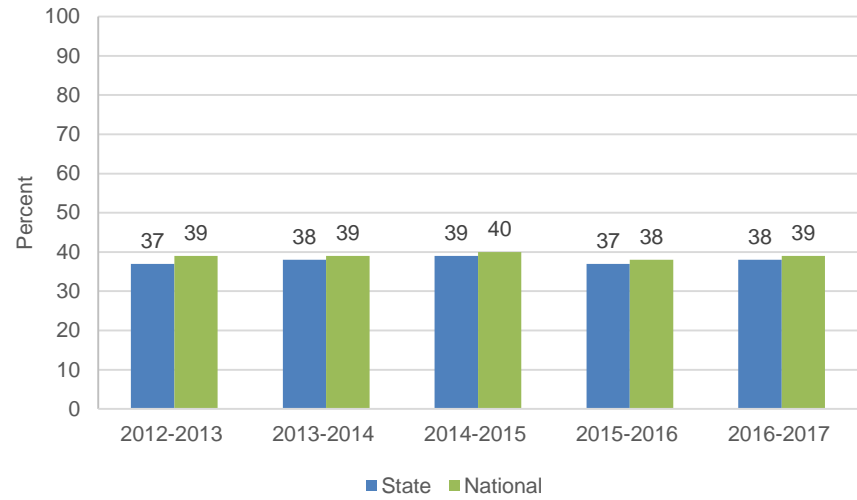


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing\*

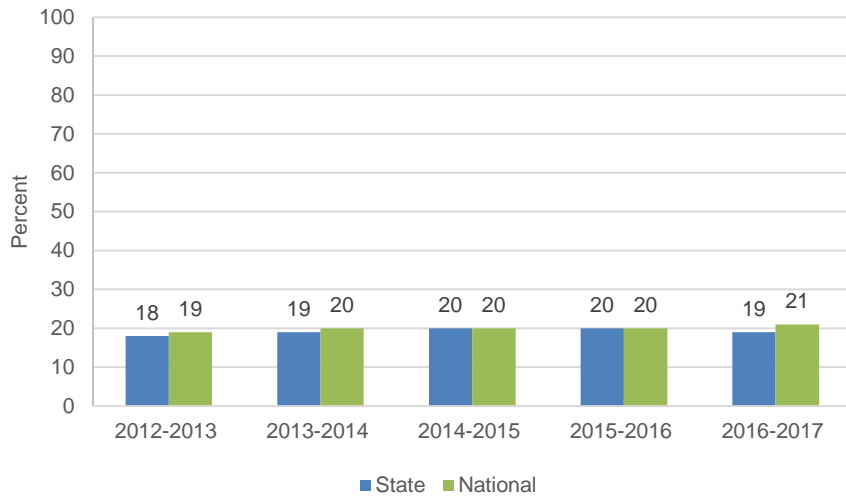
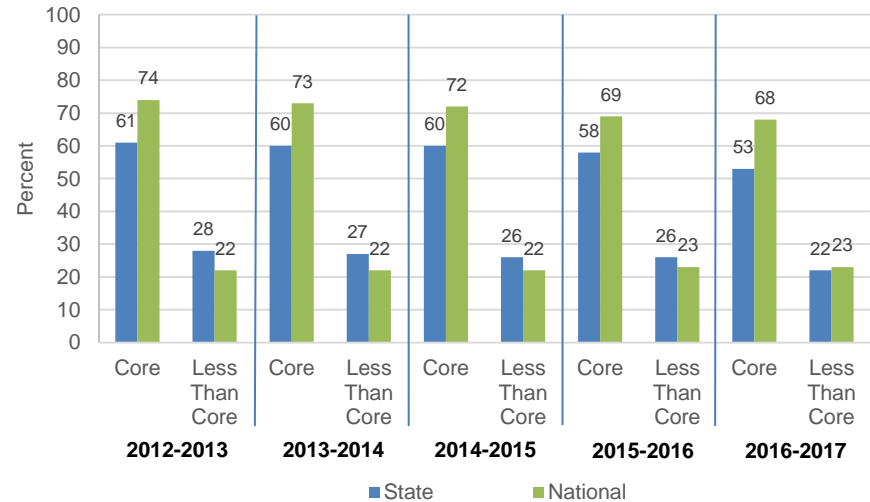


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing\*



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



Total Students in Report: 59,259

**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	56,027	1,799,243	62	64	39	44	42	44	36	36	25	26
2014	56,510	1,845,787	63	64	39	43	43	44	36	37	25	26
2015	57,328	1,924,436	63	64	40	42	43	46	39	38	26	28
2016	58,616	2,090,342	61	61	39	41	42	44	36	36	25	26
<b>2017</b>	<b>59,259</b>	<b>2,030,038</b>	<b>61</b>	<b>61</b>	<b>38</b>	<b>41</b>	<b>46</b>	<b>47</b>	<b>37</b>	<b>37</b>	<b>26</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	56,027	1,799,243	19.9	20.2	20.4	20.9	20.5	21.1	20.5	20.7	20.4	20.9
2014	56,510	1,845,787	20.1	20.3	20.4	20.9	20.9	21.3	20.6	20.8	20.6	21.0
2015	57,328	1,924,436	20.2	20.4	20.4	20.8	21.0	21.4	20.8	20.9	20.7	21.0
2016	58,616	2,090,342	20.0	20.1	20.3	20.6	20.9	21.3	20.9	20.8	20.6	20.8
<b>2017</b>	<b>59,259</b>	<b>2,030,038</b>	<b>20.1</b>	<b>20.3</b>	<b>20.3</b>	<b>20.7</b>	<b>21.2</b>	<b>21.4</b>	<b>20.9</b>	<b>21.0</b>	<b>20.8</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>

Total Students in Report: 59,259

**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	34,247	15,781	61	28	21.8	17.3	21.9	18.2	22.1	18.2	22.1	18.3	22.1	18.1
2014	34,062	15,071	60	27	22.1	17.5	22.0	18.3	22.7	18.8	22.3	18.5	22.4	18.4
2015	34,604	14,852	60	26	22.1	17.8	21.9	18.3	22.7	19.0	22.4	18.8	22.4	18.6
2016	34,238	15,039	58	26	22.1	17.8	21.9	18.3	22.6	19.0	22.5	19.0	22.4	18.6
<b>2017</b>	<b>31,593</b>	<b>13,319</b>	<b>53</b>	<b>22</b>	<b>22.2</b>	<b>18.0</b>	<b>22.0</b>	<b>18.4</b>	<b>23.0</b>	<b>19.4</b>	<b>22.6</b>	<b>19.2</b>	<b>22.6</b>	<b>18.9</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>56,027</b>	<b>100</b>	<b>20.4</b>	<b>56,510</b>	<b>100</b>	<b>20.6</b>	<b>57,328</b>	<b>100</b>	<b>20.7</b>	<b>58,616</b>	<b>100</b>	<b>20.6</b>	<b>59,259</b>	<b>100</b>	<b>20.8</b>
Black/African American	2,168	4	17.3	2,141	4	17.3	2,140	4	17.7	2,265	4	17.7	2,256	4	17.8
American Indian/Alaska Native	415	1	16.9	372	1	17.6	326	1	17.6	350	1	17.9	359	1	18.1
White	30,951	55	22.0	30,782	54	22.3	30,545	53	22.4	30,417	52	22.4	29,514	50	22.6
Hispanic/Latino	14,198	25	17.7	15,005	27	17.8	15,307	27	18.0	16,076	27	17.9	16,459	28	18.1
Asian	1,687	3	21.9	1,788	3	22.3	1,790	3	22.6	1,814	3	22.9	1,800	3	22.9
Native Hawaiian/Other Pacific Islander	196	0	18.6	174	0	19.0	178	0	18.7	206	0	18.9	162	0	19.6
Two or more races	2,246	4	21.2	2,458	4	21.3	2,517	4	21.3	2,489	4	21.3	2,527	4	21.5
Prefer not to respond/No response	4,166	7	19.3	3,790	7	19.7	4,525	8	19.4	4,999	9	19.4	6,182	10	19.5

Total Students in Report: 59,259

**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	56,027	1,799,243	20.7	21.1	18	19	28.4	28.7	28.3	28.0
2014	56,510	1,845,787	20.8	21.1	19	20	28.4	28.7	28.4	28.3
2015	57,328	1,924,436	20.8	21.1	20	20	28.4	28.7	28.6	28.4
2016	58,616	2,090,342	20.8	20.9	20	20	28.4	28.7	28.7	28.6
<b>2017</b>	<b>59,259</b>	<b>2,030,038</b>	<b>20.9</b>	<b>21.1</b>	<b>19</b>	<b>21</b>	<b>28.5</b>	<b>28.7</b>	<b>28.8</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	7,438	485,762	13	23	17.4	17.0	5,702	322,548	10	15	23.8	23.6	4,930	235,380	8	11	30.4	30.3
<b>2017</b>	<b>30,492</b>	<b>999,708</b>	<b>51</b>	<b>49</b>	<b>16.2</b>	<b>16.2</b>	<b>16,888</b>	<b>596,096</b>	<b>28</b>	<b>29</b>	<b>23.5</b>	<b>23.4</b>	<b>11,806</b>	<b>427,075</b>	<b>20</b>	<b>21</b>	<b>30.6</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.

Total Students in Report: 59,259

**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	55,285	93	20.4	20.5	21.4	21.2	21.0
	Extended Time	3,974	7	16.2	17.6	17.6	17.7	17.4
	Total	59,259	100	20.1	20.3	21.2	20.9	20.8
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	63	39	47	38	27
	Extended Time	35	19	25	19	13
	Total	61	38	46	37	26
National	Standard Time	63	41	48	38	28
	Extended Time	42	25	36	26	19
	Total	61	41	47	37	27

# Section II

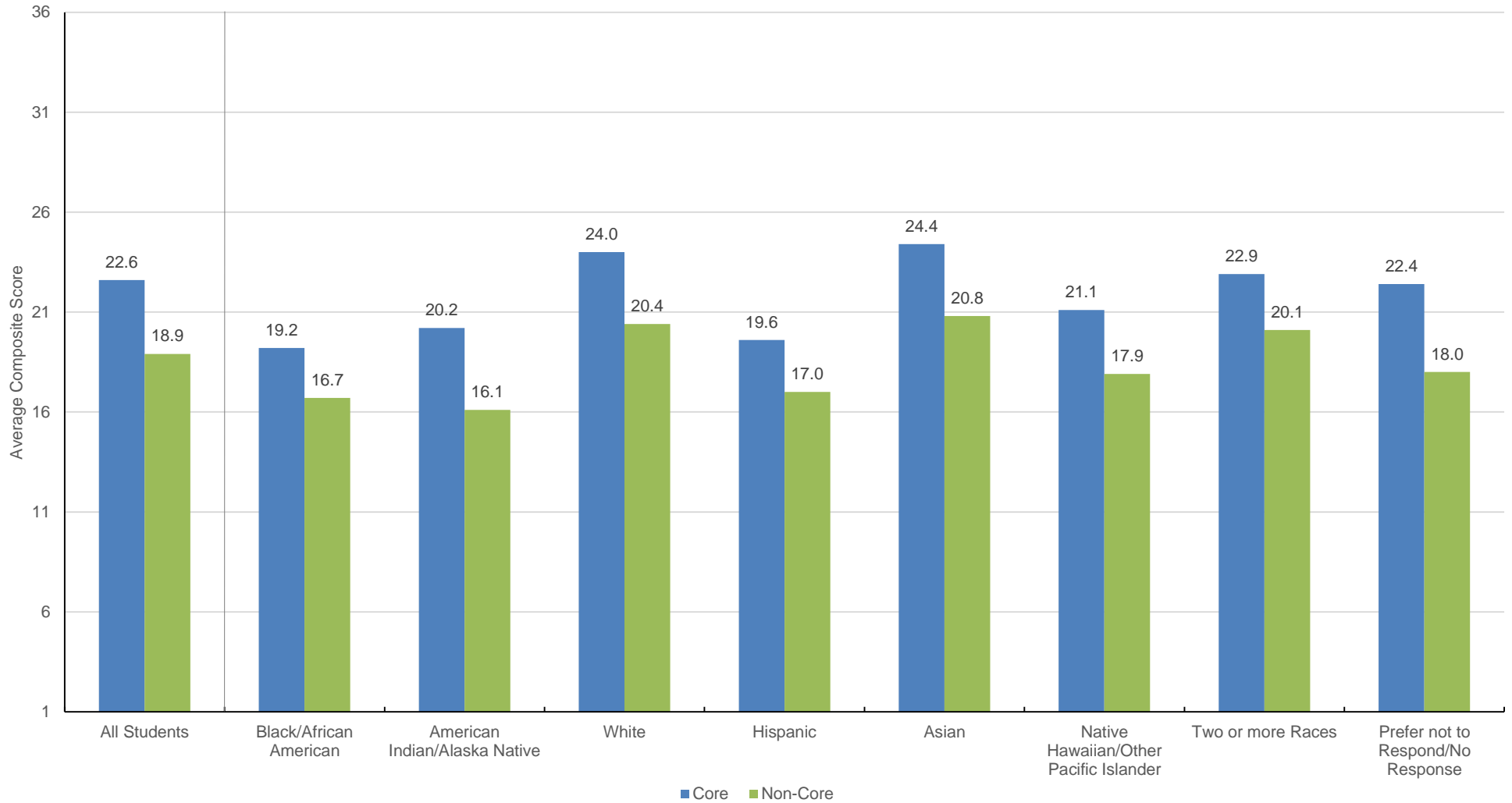
## Academic Achievement

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.

Total Students in Report: 59,259

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: 59,259

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	396	100	130	100	520	100	398	100	63	100	161	100	36
35	1,217	99	360	99	911	99	491	99	294	99	313	99	35
34	859	97	320	99	1,056	98	605	98	493	99	437	99	34
33	829	96	602	99	1,191	96	783	97	684	99	554	98	33
32	588	94	570	98	1,780	94	459	96	865	97	697	98	32
31	818	93	605	97	1,458	91	899	95	1,062	96	829	96	31
30	1,437	92	886	96	1,372	88	649	94	1,288	94	1,030	95	30
29	925	90	1,182	94	1,544	86	1,124	93	1,493	92	1,240	93	29
28	1,346	88	1,970	92	1,678	83	1,253	91	1,714	89	1,583	91	28
27	1,685	86	2,366	89	1,489	81	1,883	89	2,004	87	2,038	88	27
26	1,645	83	2,630	85	1,826	78	1,977	86	2,335	83	2,512	85	26
25	2,867	80	2,986	80	1,869	75	2,908	82	2,598	79	3,032	81	25
24	2,876	75	3,377	75	3,455	72	4,094	77	2,986	75	3,331	76	24
23	3,210	70	2,487	70	2,583	66	4,389	70	3,309	70	3,160	70	23
22	3,280	65	1,926	65	4,281	62	5,160	63	3,481	64	3,321	65	22
21	3,433	60	2,554	62	2,434	54	3,309	54	3,617	58	3,733	59	21
20	3,413	54	2,058	58	4,146	50	5,248	49	3,812	52	4,063	53	20
19	2,617	48	3,122	54	2,820	43	3,096	40	3,855	46	4,538	46	19
18	2,540	44	4,595	49	4,457	39	3,445	35	3,930	39	4,676	38	18
17	2,703	39	5,544	41	2,633	31	4,730	29	4,038	33	4,834	30	17
16	3,020	35	7,452	32	2,582	27	2,560	21	3,940	26	4,385	22	16
15	4,949	30	5,677	19	2,745	22	2,678	17	3,635	19	3,862	15	15
14	2,780	21	3,982	10	2,446	18	2,094	12	3,312	13	2,841	8	14
13	2,321	17	1,218	3	3,519	13	2,444	8	2,687	8	1,378	4	13
12	2,282	13	497	1	1,662	8	1,145	4	1,302	3	507	1	12
11	2,088	9	102	1	1,592	5	659	2	353	1	147	1	11
10	1,852	5	30	1	698	2	410	1	84	1	35	1	10
9	703	2	11	1	299	1	213	1	16	1	11	1	9
8	352	1	1	1	136	1	119	1	5	1	7	1	8
7	157	1	8	1	15	1	9	1	2	1	3	1	7
6	49	1	5	1	42	1	17	1	2	1	0	1	6
5	15	1	0	1	8	1	7	1	0	1	0	1	5
4	3	1	5	1	10	1	0	1	0	1	1	1	4
3	2	1	0	1	1	1	3	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	0	1	2
1	2	1	1	1	1	1	1	1	0	1	0	1	1
Avg (SD)	20.1 (6.6)		20.3 (5.3)		21.2 (6.5)		20.9 (5.5)		20.8 (5.5)		20.9 (5.1)		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>

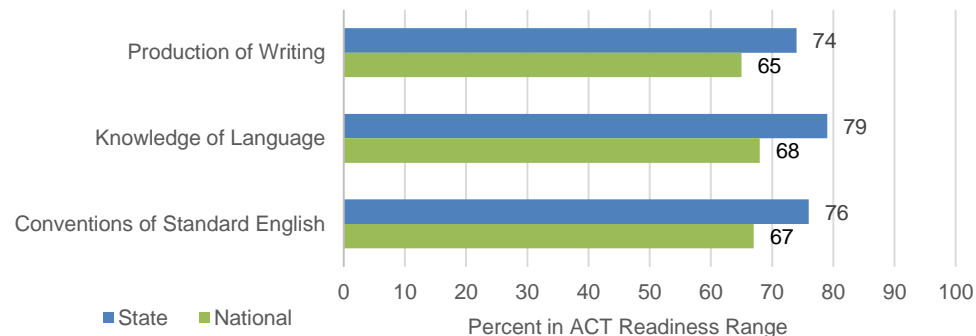


Figure 2.3. Math Reporting Categories<sup>1</sup>

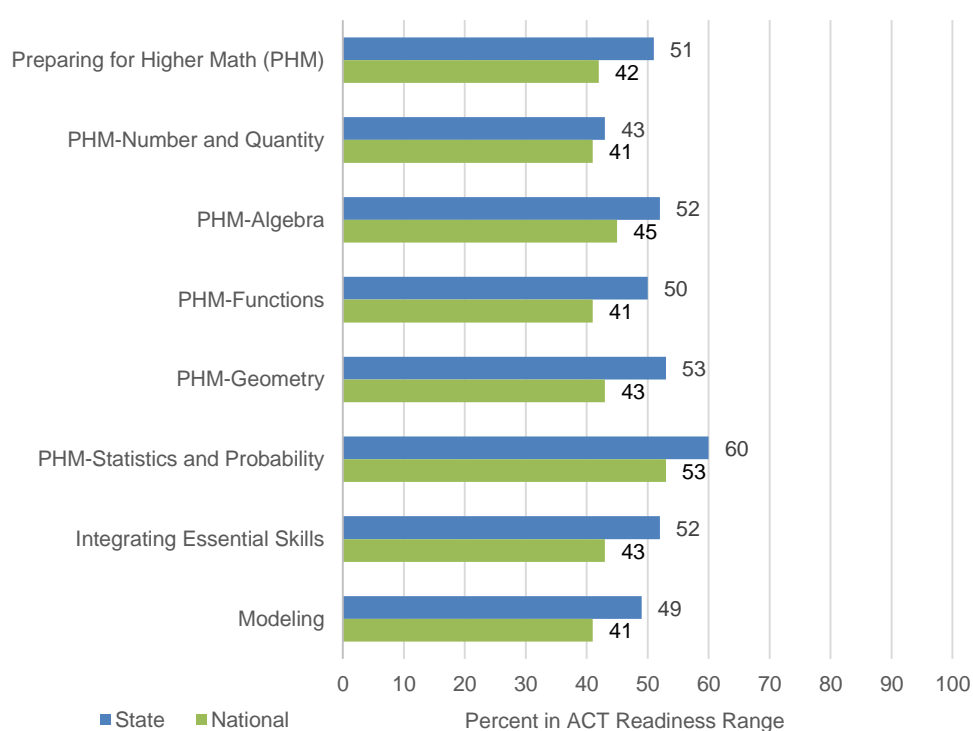


Figure 2.4. Reading Reporting Categories<sup>1</sup>

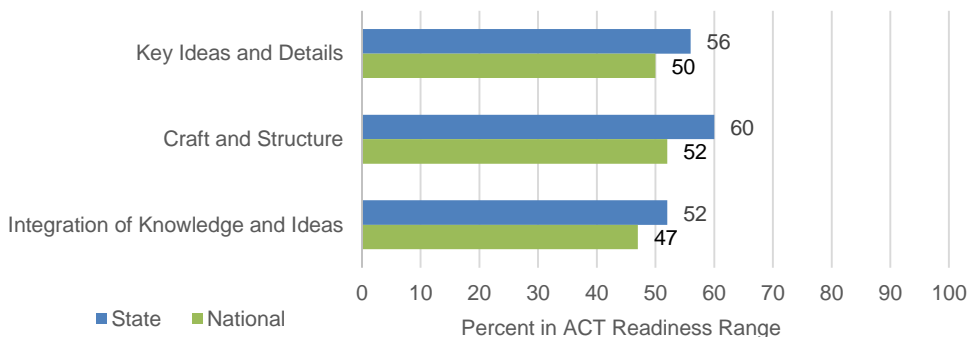
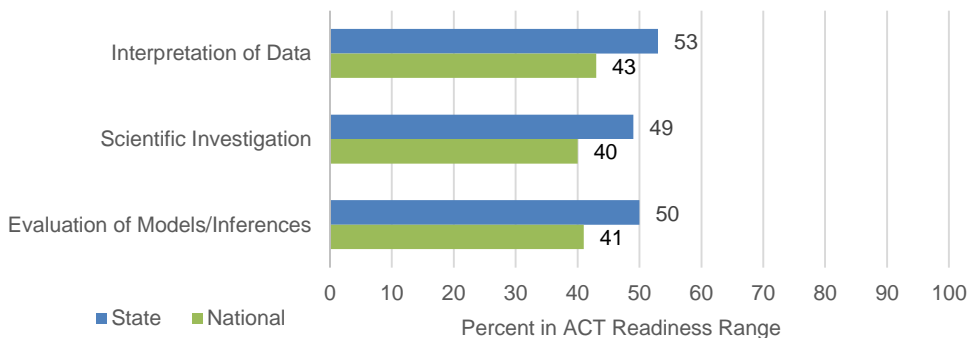


Figure 2.5. Science Reporting Categories<sup>1</sup>



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.



Total Students in Report: 59,259

**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	59,259	53	22.6	18.9
	Black/African American	2,256	49	19.2	16.7
	American Indian/Alaska Native	359	45	20.2	16.1
	White	29,514	61	24.0	20.4
	Hispanic/Latino	16,459	47	19.6	17.0
	Asian	1,800	68	24.4	20.8
	Native Hawaiian/Other Pac. Isl.	162	49	21.1	17.9
	Two or More Races	2,527	57	22.9	20.1
	Prefer not/No Response	6,182	27	22.4	18.0
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
Black/African American	2,256	4	16.9	17.6	18.0	18.2	17.8	18.2	
American Indian/Alaska Native	359	1	16.8	18.1	18.3	18.7	18.1	18.7	
White	29,514	50	22.3	21.8	23.2	22.5	22.6	22.4	
Hispanic/Latino	16,459	28	17.0	18.0	18.4	18.6	18.1	18.6	
Asian	1,800	3	22.2	23.4	22.5	23.0	22.9	23.4	
Native Hawaiian/Other Pac. Isl.	162	0	19.0	19.2	20.0	19.6	19.6	19.6	
Two or More Races	2,527	4	21.1	20.8	22.2	21.6	21.5	21.4	
Prefer not/No Response	6,182	10	18.6	19.2	19.9	19.8	19.5	19.7	
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

Total Students in Report: 59,259

**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	29,394	51	22.8	18.6
	Females	29,523	56	22.4	19.2
	No Response	342	11	19.4	14.7
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	29,394	50	19.6	20.7	20.8	21.1	20.7	21.1
	Females	29,523	50	20.8	20.0	21.6	20.8	20.9	20.7
	No Response	342	1	16.1	17.3	17.9	17.6	17.4	17.7
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)	24	24	26	24	25
Q2 (50th Percentile)	20	19	20	21	20
Q1 (25th Percentile)	15	16	16	17	16

# Section III

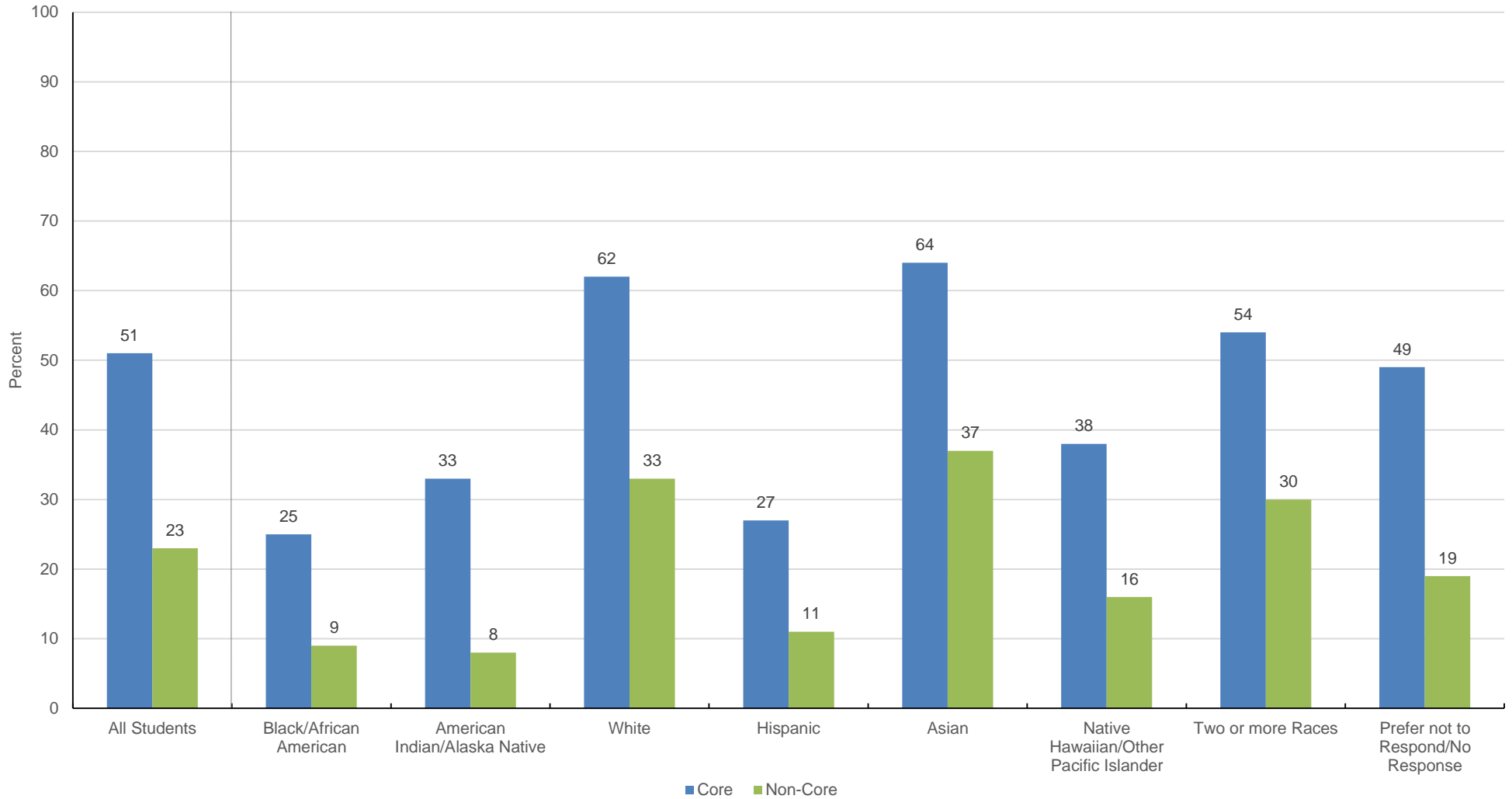
## College and Career Readiness and the Impact of Course Rigor

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.

Total Students in Report: 59,259

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: 59,259

**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	3,301	6	1,412	2	3,678	6	2,277	4
	28 to 32	5,114	9	5,213	9	7,832	13	4,384	7
	24 to 27	9,073	15	11,359	19	8,639	15	10,862	18
	20 to 23	13,336	23	9,025	15	13,444	23	18,106	31
	16 to 19	10,880	18	20,713	35	12,492	21	13,831	23
	13 to 15	10,050	17	10,877	18	8,710	15	7,216	12
	01 to 12	7,505	13	660	1	4,464	8	2,583	4
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	57	40	43	39	27
	Females	65	36	48	35	25
	No Response	34	16	24	18	11
National	Males	59	44	46	40	29
	Females	65	39	49	35	26
	No Response	37	19	24	18	10

Total Students in Report: 59,259

**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	59,259	61	38	46	37	26	19
	Black/African American	2,256	40	17	25	17	9	6
	American Indian/Alaska Native	359	40	21	27	20	11	7
	White	29,514	75	50	59	49	37	28
	Hispanic/Latino	16,459	40	20	27	19	11	7
	Asian	1,800	71	59	55	51	39	34
	Native Hawaiian/Other Pac. Isl	162	59	28	36	28	17	14
	Two or More Races	2,527	69	42	52	41	29	21
	Prefer Not to Respond	6,182	50	29	37	29	19	14
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>	N		Average
		N	%	Composite
State	Gold or Higher	14,893	25	28.3
	Silver	29,028	49	20.3
	Bronze	13,574	23	14.7
	Needs Improvement	1,764	3	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).

Total Students in Report: 59,259

**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>	31,593	74	22.2	51	22.0	58	23.0	49	22.6	37	22.6	28	22.6
	Less than Core	13,319	47	18.0	23	18.4	33	19.4	23	19.2	14	18.9	9	19.1
	Missing <sup>3</sup>	14,347	43	17.4	23	18.3	31	18.9	23	18.9	14	18.5	10	18.8
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>	40,629	69	21.4	41,538	46	21.3	40,025	53	22.3	38,073	45	22.1
	Less than Core	5,253	39	16.8	3,958	8	16.3	5,474	29	18.7	7,372	21	18.9
	Missing <sup>3</sup>	13,377	44	17.6	13,763	23	18.3	13,760	31	19.0	13,814	23	19.0
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.

Total Students in Report: 59,259

**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	9,422	16	22.0	72	372,397	18	22.0	72
Eng 9, Eng 10, Eng 11, Eng 12	31,207	53	21.2	68	1,376,686	68	20.6	64
Less than 4 years of English	5,253	9	16.8	39	109,158	5	15.9	34
Zero years / no English courses reported	13,377	23	17.6	44	171,797	8	16.7	39
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	3,108	5	23.9	67	117,096	6	23.2	62
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,211	9	22.0	55	152,416	8	21.5	51
Alg 1, Alg 2, Geom, & Trig	3,391	6	19.3	29	113,080	6	18.9	26
Alg 1, Alg 2, Geom, & Other Adv Math	7,149	12	19.4	29	364,399	18	19.3	29
Other comb of 4 or more years of Math	14,390	24	24.1	67	684,625	34	23.8	64
Alg 1, Alg 2, & Geom	6,209	10	17.0	10	217,043	11	16.9	10
Other comb of 3 or 3.5 years of Math	2,080	4	19.4	31	106,100	5	19.6	32
Less than 3 years of Math	3,958	7	16.3	8	96,952	5	16.3	8
Zero years / no Math courses reported	13,763	23	18.3	23	178,327	9	18.0	21
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	692	1	22.6	54	52,959	3	22.1	51
Other comb of 4 or more years Social Science	24,403	41	22.8	56	934,153	46	22.6	55
US Hist, World Hist, & Am Gov	1,768	3	19.5	34	120,831	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	13,162	22	21.7	48	526,172	26	21.6	48
Less than 3 years of Social Science	5,474	9	18.7	29	218,140	11	19.5	34
Zero years / no Social Science courses reported	13,760	23	19.0	31	177,783	9	18.3	28
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	18,089	31	22.6	50	809,286	40	22.4	48
Bio, Chem, Phys	4,646	8	23.7	57	225,060	11	23.2	53
Gen Sci <sup>1</sup> , Bio, Chem	13,459	23	21.0	36	513,247	25	20.2	30
Other comb of 3 years of Natural Science	1,879	3	20.5	32	53,979	3	19.1	24
Less than 3 years of Natural Science	7,372	12	18.9	21	248,948	12	18.2	17
Zero years / no Natural Science courses reported	13,814	23	19.0	23	179,518	9	18.4	20

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



Total Students in Report: 59,259

**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	9,422	16	22.0	72	4,167	14	21.4	68	5,249	18	22.5	75
Eng 9, Eng 10, Eng 11, Eng 12	31,207	53	21.2	68	15,156	52	20.8	65	16,010	54	21.6	70
Less than 4 years of English	5,253	9	16.8	39	2,920	10	16.4	36	2,320	8	17.4	44
Zero years / no English courses reported	13,377	23	17.6	44	7,151	24	17.1	42	5,944	20	18.2	48
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	3,108	5	23.9	67	1,481	5	24.6	72	1,622	5	23.2	64
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,211	9	22.0	55	2,034	7	22.4	59	3,173	11	21.7	53
Alg 1, Alg 2, Geom, & Trig	3,391	6	19.3	29	1,556	5	19.8	33	1,832	6	18.9	24
Alg 1, Alg 2, Geom, & Other Adv Math	7,149	12	19.4	29	2,995	10	19.8	33	4,146	14	19.2	26
Other comb of 4 or more years of Math	14,390	24	24.1	67	7,581	26	24.7	70	6,796	23	23.6	64
Alg 1, Alg 2, & Geom	6,209	10	17.0	10	3,160	11	17.3	11	3,036	10	16.8	7
Other comb of 3 or 3.5 years of Math	2,080	4	19.4	31	1,039	4	19.9	34	1,037	4	19.0	27
Less than 3 years of Math	3,958	7	16.3	8	2,177	7	16.4	8	1,770	6	16.2	7
Zero years / no Math courses reported	13,763	23	18.3	23	7,371	25	18.6	25	6,111	21	18.1	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	692	1	22.6	54	355	1	22.0	51	336	1	23.2	56
Other comb of 4 or more years Social Science	24,403	41	22.8	56	11,269	38	22.6	55	13,104	44	23.0	58
US Hist, World Hist, & Am Gov	1,768	3	19.5	34	973	3	19.2	33	793	3	19.9	36
Other comb of 3 or 3.5 years of Social Science	13,162	22	21.7	48	6,446	22	21.5	47	6,702	23	21.9	49
Less than 3 years of Social Science	5,474	9	18.7	29	2,965	10	18.4	28	2,495	8	19.1	31
Zero years / no Social Science courses reported	13,760	23	19.0	31	7,386	25	18.6	29	6,093	21	19.4	34
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	18,089	31	22.6	50	9,445	32	23.1	54	8,621	29	22.1	46
Bio, Chem, Phys	4,646	8	23.7	57	2,373	8	24.4	63	2,266	8	23.0	52
Gen Sci <sup>2</sup> , Bio, Chem	13,459	23	21.0	36	5,449	19	20.8	36	7,996	27	21.1	37
Other comb of 3 years of Natural Science	1,879	3	20.5	32	1,109	4	21.0	36	766	3	19.7	26
Less than 3 years of Natural Science	7,372	12	18.9	21	3,620	12	18.6	19	3,740	13	19.1	22
Zero years / no Natural Science courses reported	13,814	23	19.0	23	7,398	25	19.0	25	6,134	21	19.0	22

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

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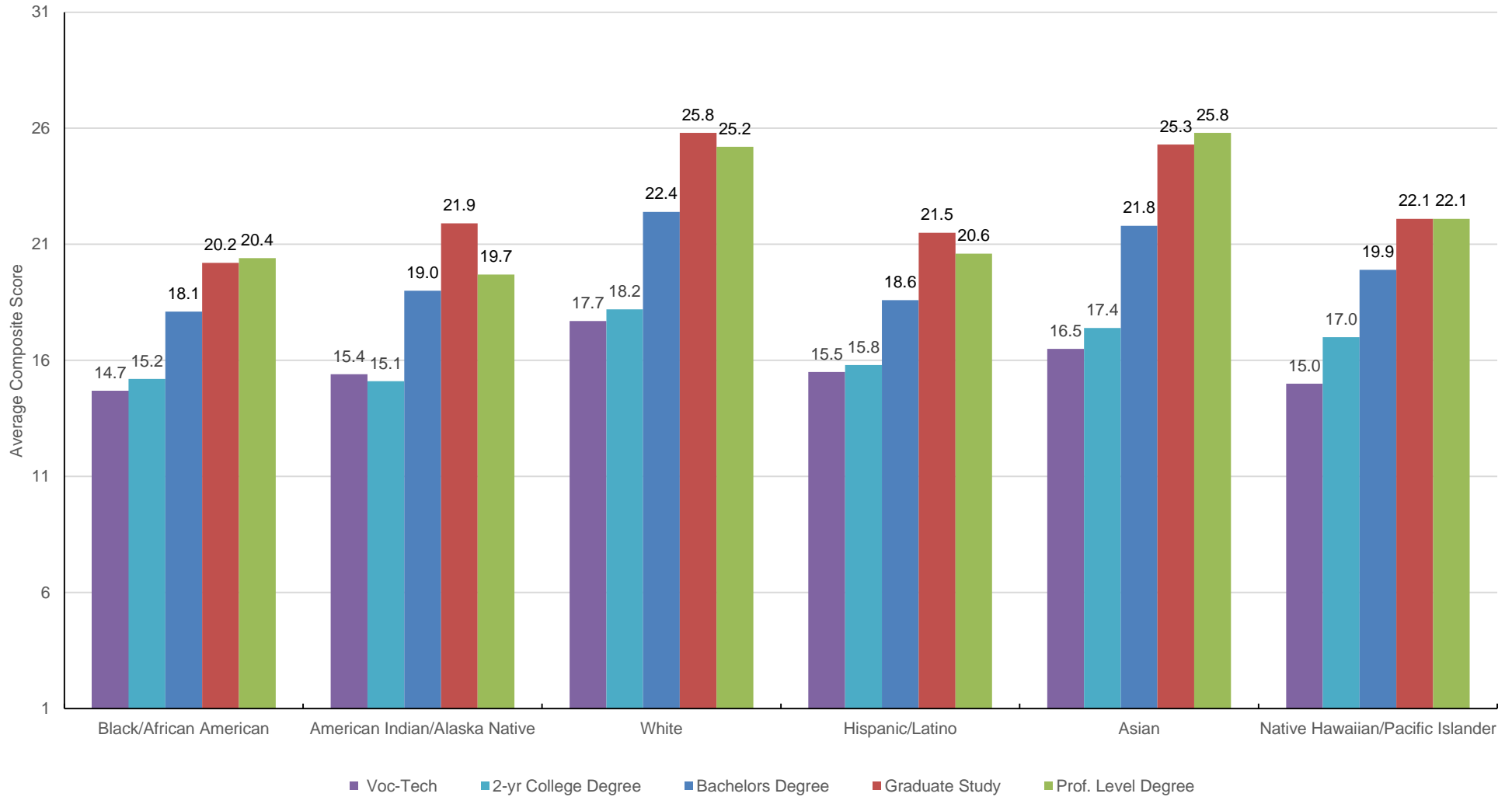
# Section IV

## 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.

Total Students in Report: 59,259

**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	813	1	20.0	159	4	16.7	611	2	21.0
Architecture	582	1	20.5	56	1	15.8	482	1	21.2
Area, Ethnic, & Multidisciplinary Studies	90	0	21.7	6	0	15.0	75	0	22.1
Arts: Visual & Performing	3,612	6	20.8	506	12	17.4	2,830	8	21.5
Business	4,548	8	21.6	398	9	17.2	3,895	11	22.2
Communications	648	1	22.1	35	1	17.7	581	2	22.5
Community, Family, & Personal Services	1,615	3	18.3	359	8	16.7	1,129	3	18.9
Computer Science & Mathematics	1,412	2	23.9	96	2	18.8	1,239	3	24.5
Education	1,621	3	21.0	93	2	16.2	1,455	4	21.4
Engineering	4,026	7	24.5	210	5	16.5	3,593	10	25.1
Engineering Technology & Drafting	797	1	20.3	139	3	15.8	598	2	21.6
English & Foreign Languages	603	1	23.9	48	1	19.3	523	1	24.4
Health Administration & Assisting	988	2	17.9	126	3	16.2	772	2	18.4
Health Sciences & Technologies	6,986	12	21.3	350	8	16.8	6,274	17	21.7
Philosophy, Religion, & Theology	223	0	21.4	16	0	17.6	192	1	22.0
Repair, Production, & Construction	913	2	17.6	473	11	16.9	346	1	18.8
Sciences: Biological & Physical	3,024	5	24.2	65	2	17.4	2,794	8	24.4
Social Sciences & Law	3,485	6	21.9	102	2	17.7	3,174	9	22.2
Undecided	5,824	10	22.0	468	11	17.3	4,380	12	23.0
No Response	17,197	29	18.4	457	11	15.7	821	2	18.0

<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).

Total Students in Report: 59,259

**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	1,303	16.6	37	14.7	11	15.4	568	17.7	518	15.5
2-yr College Degree	2,928	17.0	86	15.2	27	15.1	1,262	18.2	1,165	15.8
Bachelors Degree	20,791	21.1	751	18.1	105	19.0	11,704	22.4	5,633	18.6
Graduate Study	6,778	24.6	190	20.2	40	21.9	4,299	25.8	1,238	21.5
Prof. Level Degree	8,342	23.6	372	20.4	46	19.7	4,384	25.2	2,162	20.6
Other	1,171	17.6	31	15.6	11	15.1	550	18.7	374	15.9
No Response	17,946	18.8	789	16.3	119	16.7	6,747	20.7	5,369	16.8

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	1,303	16.6	20	16.5	2	15.0	46	17.9	101	16.1
2-yr College Degree	2,928	17.0	28	17.4	8	17.0	93	17.5	259	16.4
Bachelors Degree	20,791	21.1	606	21.8	65	19.9	906	21.5	1,021	20.6
Graduate Study	6,778	24.6	268	25.3	15	22.1	349	24.3	379	23.8
Prof. Level Degree	8,342	23.6	489	25.8	16	22.1	431	24.0	442	23.4
Other	1,171	17.6	31	20.3	9	15.8	49	19.7	116	17.6
No Response	17,946	18.8	358	20.0	47	18.9	653	19.6	3,864	18.7

Total Students in Report: 59,259

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
UNIV OF COLORADO-BOULDER	Colorado	11,750	4,155	7,595	1	9	23	28	23	15	3
COLORADO STATE UNIVERSITY	Colorado	11,317	4,179	7,138	1	8	25	30	22	12	1
UNIV OF NORTHERN COLORADO	Colorado	5,913	1,759	4,154	2	11	31	31	18	7	0
UNIV OF COLORADO-COLORADO SPRINGS	Colorado	4,625	1,400	3,225	1	10	30	31	19	8	1
METROPOLITAN STATE UNIV OF DENVER	Colorado	4,449	1,494	2,955	3	21	38	25	10	3	0
UNIVERSITY OF COLORADO DENVER	Colorado	4,216	900	3,316	2	12	29	30	19	9	1
COLORADO MESA UNIVERSITY	Colorado	3,710	1,452	2,258	2	14	34	29	16	5	0
UNIVERSITY OF DENVER	Colorado	3,627	707	2,920	1	12	25	26	20	13	2
STATE-NO COLLEGE PLANS	Iowa	3,169	3,169	0	10	37	31	15	6	2	0
COLORADO SCHOOL OF MINES	Colorado	2,148	790	1,358	0	4	11	18	27	31	9
COLORADO STATE UNIVERSITY-PUEBLO	Colorado	1,963	528	1,435	2	17	40	27	10	3	0
NCAA ELIGIBILITY CENTER	Indiana	1,907	897	1,010	2	12	29	29	19	9	1
RED ROCKS COMMUNITY COLLEGE	Colorado	1,752	596	1,156	4	30	36	20	7	3	0
PIKES PEAK COMMUNITY COLLEGE	Colorado	1,560	677	883	4	22	37	25	9	2	0
ARIZONA STATE UNIVERSITY	Arizona	1,526	484	1,042	1	10	29	33	19	7	1
UNIVERSITY OF WYOMING	Wyoming	1,324	370	954	1	6	25	31	25	12	1
ADAMS STATE UNIVERSITY	Colorado	1,323	447	876	3	21	40	24	9	3	0
REGIS UNIVERSITY	Colorado	1,320	283	1,037	2	15	32	26	17	8	0
COMMUNITY COLLEGE OF DENVER	Colorado	1,319	350	969	7	34	41	14	4	1	0
AIMS COMMUNITY COLLEGE	Colorado	1,201	640	561	6	31	38	18	6	1	0
WESTERN STATE COLORADO UNIVERSITY	Colorado	1,143	357	786	1	12	33	32	16	6	0
COLORADO COLLEGE	Colorado	1,030	294	736	1	15	29	25	15	12	3
ART INSTITUTE OF COLORADO THE	Colorado	1,029	369	660	4	22	38	24	8	4	0
ARAPAHOE COMMUNITY COLLEGE	Colorado	1,020	451	569	4	21	36	26	10	3	0
FRONT RANGE COMMUNITY COLLEGE	Colorado	946	378	568	4	29	40	19	7	1	0
COMMUNITY COLLEGE OF AURORA	Colorado	920	297	623	7	32	37	16	7	1	0
FRONT RANGE COMMUNITY COLL/LARIMER CMP	Colorado	919	333	586	3	21	37	25	11	3	0
FORT LEWIS COLLEGE	Colorado	862	285	577	2	7	28	34	22	7	0
UNIVERSITY OF ARIZONA	Arizona	796	190	606	1	7	22	30	29	11	1
COLORADO CHRISTIAN UNIVERSITY	Colorado	770	238	532	2	13	27	28	21	9	1
All Other Institutions		54,468	13,966	40,502	2	14	25	23	18	14	3
<b>Total</b>		<b>134,022</b>	<b>42,435</b>	<b>91,587</b>	<b>2</b>	<b>14</b>	<b>28</b>	<b>26</b>	<b>18</b>	<b>11</b>	<b>2</b>

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# Section V

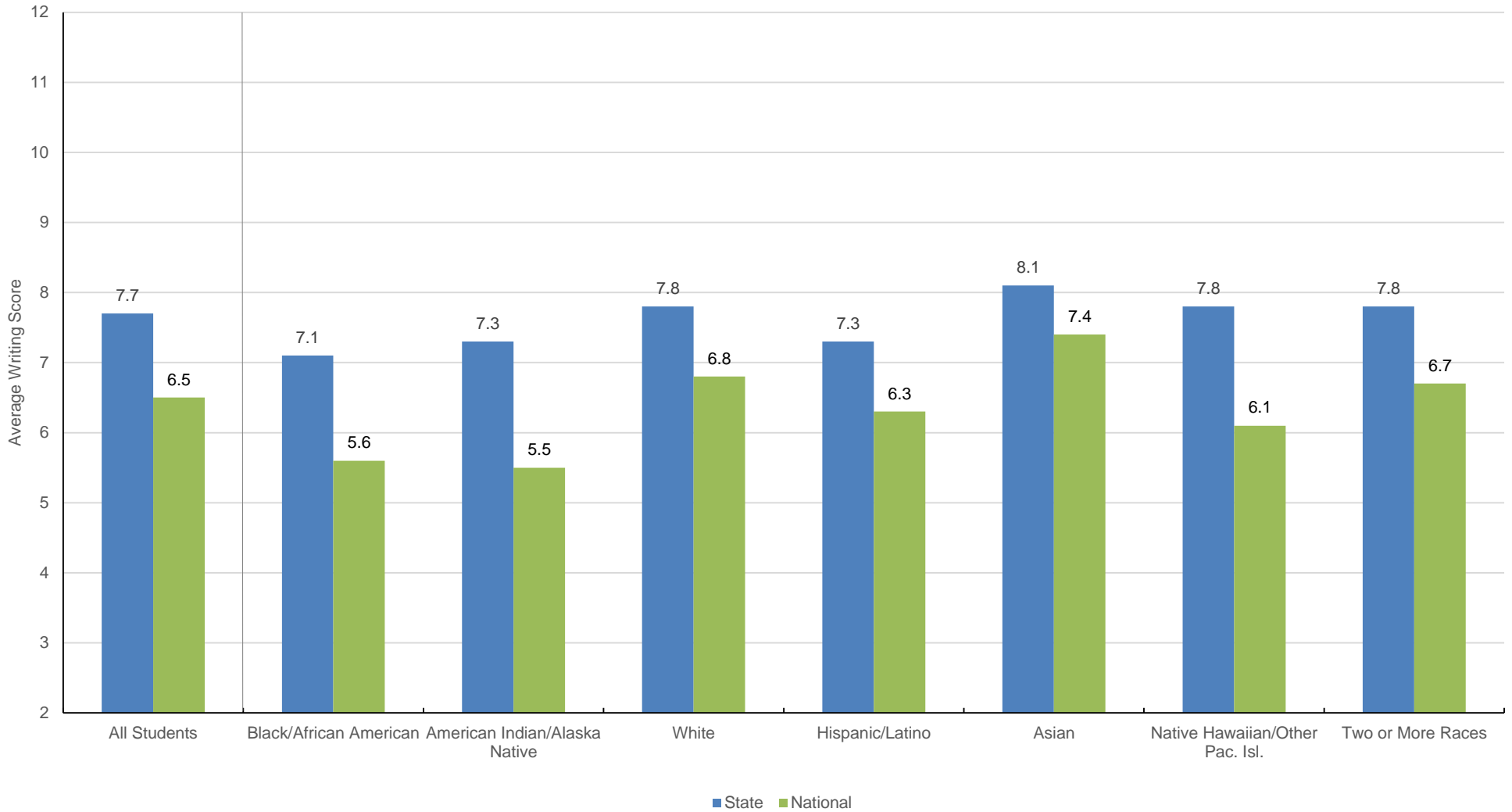
## Optional Writing Test Results

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.

Total Students in Report: 59,259

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.

Total Students in Report: 59,259

**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>8,694</b>	<b>1,090,621</b>	<b>7.7</b>	<b>6.5</b>	<b>25.9</b>	<b>20.9</b>	<b>26.2</b>	<b>22.0</b>	<b>24.6</b>	<b>20.2</b>
Black/African American	302	125,357	7.1	5.6	21.5	16.2	22.0	17.7	21.0	16.0
American Indian/Alaska Native	25	7,357	7.3	5.5	22.7	15.9	23.1	17.9	22.1	16.0
White	5,405	525,822	7.8	6.8	27.0	22.8	27.2	23.8	25.4	21.8
Hispanic/Latino	1,425	218,012	7.3	6.3	22.2	18.1	23.1	19.7	21.9	18.1
Asian	537	72,490	8.1	7.4	26.9	24.5	26.5	24.7	25.5	23.3
Native Hawaiian/Other Pac. Isl.	20	4,270	7.8	6.1	23.2	17.5	24.5	18.8	23.3	17.5
Two or More Races	424	48,148	7.8	6.7	26.0	21.2	26.5	22.5	24.9	20.6
Prefer not/No Response	556	89,165	7.7	6.4	26.6	20.6	27.0	21.7	25.1	19.8
Males	3,622	496,038	7.6	6.3	25.7	20.6	26.2	21.8	24.4	19.8
Females	5,053	568,720	7.8	6.8	26.0	21.4	26.3	22.4	24.8	20.8
No Response	19	25,863	7.3	5.5	26.2	16.4	24.6	18.0	23.5	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>12</b>	<b>3,655</b>	<b>28.5</b>	<b>23.5</b>	<b>8.0</b>	<b>6.8</b>	<b>26.8</b>	<b>22.0</b>
Black/African American	0	200	.	18.5	.	6.1	.	17.6
American Indian/Alaska Native	0	14	.	19.9	.	5.9	.	18.6
White	10	2,049	27.5	24.1	7.8	6.9	25.8	22.5
Hispanic/Latino	0	588	.	18.4	.	5.8	.	17.2
Asian	1	367	33.0	29.5	10.0	8.1	32.0	27.5
Native Hawaiian/Other Pac. Isl.	0	2	.	21.5	.	6.0	.	20.0
Two or More Races	1	123	34.0	24.6	8.0	6.9	31.0	22.8
Prefer not/No Response	0	312	.	25.5	.	6.9	.	23.5
Males	7	1,700	29.1	23.6	8.3	6.6	27.4	21.9
Females	5	1,955	27.6	23.5	7.6	6.9	25.8	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.

