



# Profile Report - State

Graduating Class 2017

Ohio



## 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: 92,674

**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

33% 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:** 92,674 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. 79% 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 2% of the cohort took less than three years of math courses. Of these students, 12% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 13% of these students were college ready. In comparison, 54% 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. 18% of these students were college ready. In comparison, 48% 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 42% 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: 92,674

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

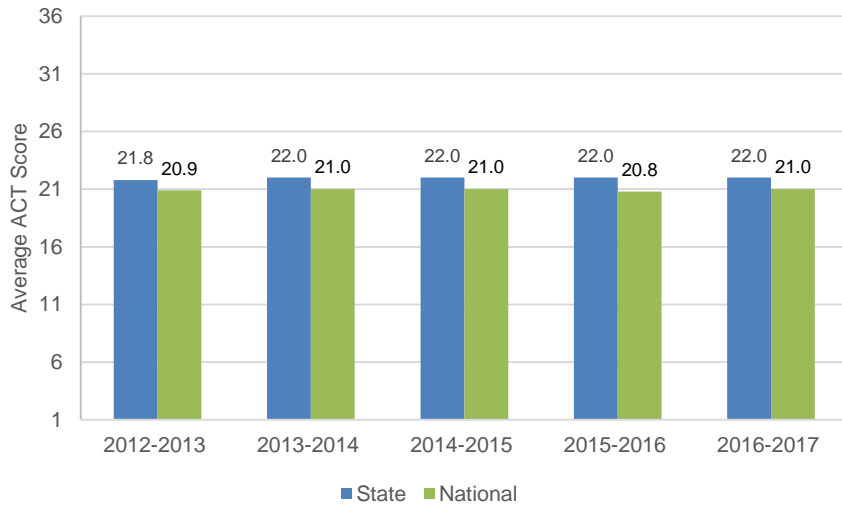


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing\*

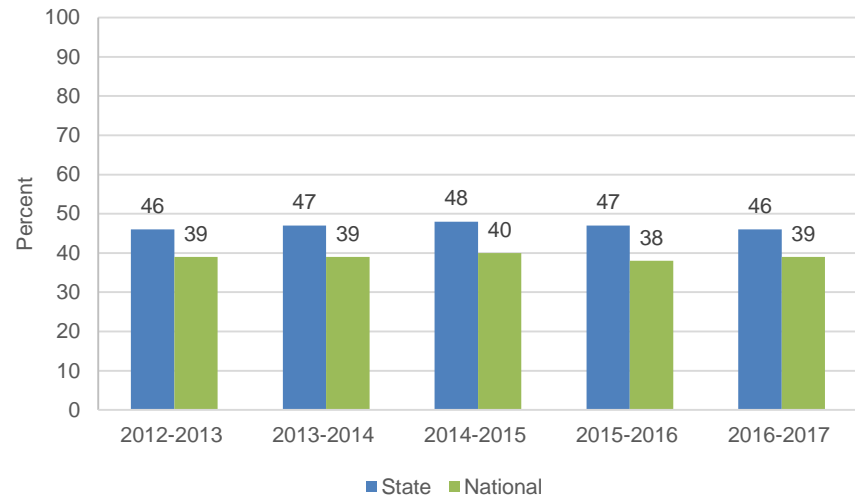


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing\*

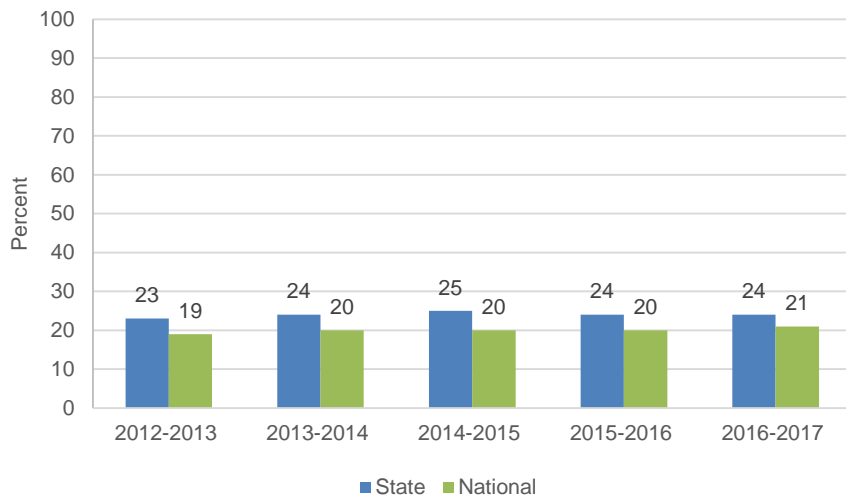
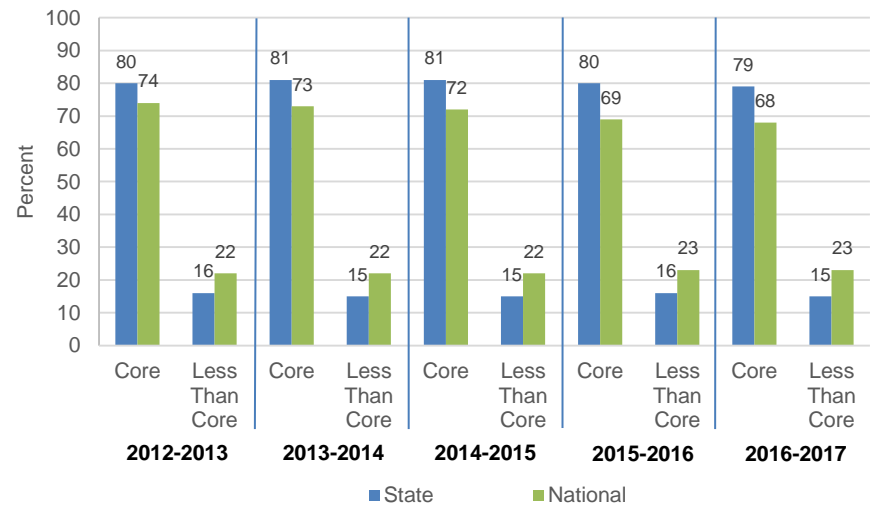


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing\*



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



Total Students in Report: 92,674

**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	92,813	1,799,243	71	64	49	44	51	44	44	36	31	26
2014	91,089	1,845,787	72	64	50	43	52	44	45	37	32	26
2015	91,607	1,924,436	71	64	49	42	54	46	45	38	33	28
2016	93,659	2,090,342	69	61	49	41	53	44	45	36	33	26
<b>2017</b>	<b>92,674</b>	<b>2,030,038</b>	<b>69</b>	<b>61</b>	<b>48</b>	<b>41</b>	<b>54</b>	<b>47</b>	<b>44</b>	<b>37</b>	<b>33</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	92,813	1,799,243	21.2	20.2	21.5	20.9	22.2	21.1	21.8	20.7	21.8	20.9
2014	91,089	1,845,787	21.4	20.3	21.7	20.9	22.4	21.3	22.0	20.8	22.0	21.0
2015	91,607	1,924,436	21.4	20.4	21.7	20.8	22.5	21.4	22.1	20.9	22.0	21.0
2016	93,659	2,090,342	21.2	20.1	21.6	20.6	22.5	21.3	22.0	20.8	22.0	20.8
<b>2017</b>	<b>92,674</b>	<b>2,030,038</b>	<b>21.2</b>	<b>20.3</b>	<b>21.6</b>	<b>20.7</b>	<b>22.5</b>	<b>21.4</b>	<b>22.0</b>	<b>21.0</b>	<b>22.0</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: 92,674

**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	74,674	14,915	80	16	22.0	18.2	22.3	18.8	22.9	19.7	22.4	19.4	22.5	19.1
2014	74,060	13,932	81	15	22.1	18.4	22.4	19.1	23.0	20.0	22.6	19.7	22.7	19.4
2015	74,019	13,918	81	15	22.1	18.5	22.4	19.1	23.2	20.1	22.7	19.7	22.7	19.5
2016	74,649	14,685	80	16	22.0	18.3	22.3	19.0	23.2	20.1	22.7	19.7	22.7	19.4
<b>2017</b>	<b>73,661</b>	<b>14,308</b>	<b>79</b>	<b>15</b>	<b>22.1</b>	<b>18.4</b>	<b>22.3</b>	<b>19.1</b>	<b>23.2</b>	<b>20.0</b>	<b>22.7</b>	<b>19.7</b>	<b>22.7</b>	<b>19.4</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>92,813</b>	<b>100</b>	<b>21.8</b>	<b>91,089</b>	<b>100</b>	<b>22.0</b>	<b>91,607</b>	<b>100</b>	<b>22.0</b>	<b>93,659</b>	<b>100</b>	<b>22.0</b>	<b>92,674</b>	<b>100</b>	<b>22.0</b>
Black/African American	10,894	12	17.2	10,296	11	17.4	10,333	11	17.5	10,897	12	17.5	10,689	12	17.5
American Indian/Alaska Native	211	0	19.7	185	0	20.0	196	0	19.5	212	0	19.0	215	0	19.5
White	67,959	73	22.6	66,313	73	22.8	66,162	72	22.9	66,497	71	22.8	65,796	71	22.8
Hispanic/Latino	3,378	4	20.3	3,562	4	20.4	3,723	4	20.6	4,160	4	20.5	4,086	4	20.2
Asian	1,816	2	24.2	1,953	2	24.5	1,992	2	24.3	2,258	2	24.5	2,331	3	24.3
Native Hawaiian/Other Pacific Islander	71	0	20.4	73	0	21.7	77	0	20.8	76	0	21.0	60	0	21.4
Two or more races	3,515	4	20.9	3,539	4	21.2	3,741	4	21.1	4,013	4	21.0	4,001	4	21.1
Prefer not to respond/No response	4,969	5	21.7	5,168	6	21.6	5,383	6	21.4	5,546	6	21.2	5,496	6	21.5

Total Students in Report: 92,674

**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	92,813	1,799,243	21.9	21.1	23	19	28.4	28.7	28.2	28.0
2014	91,089	1,845,787	22.1	21.1	24	20	28.5	28.7	28.4	28.3
2015	91,607	1,924,436	22.1	21.1	25	20	28.4	28.7	28.4	28.4
2016	93,659	2,090,342	22.1	20.9	24	20	28.5	28.7	28.6	28.6
<b>2017</b>	<b>92,674</b>	<b>2,030,038</b>	<b>22.1</b>	<b>21.1</b>	<b>24</b>	<b>21</b>	<b>28.5</b>	<b>28.7</b>	<b>28.7</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	29,904	485,762	32	23	17.3	17.0	22,826	322,548	24	15	23.5	23.6	14,033	235,380	15	11	30.1	30.3
<b>2017</b>	<b>38,979</b>	<b>999,708</b>	<b>42</b>	<b>49</b>	<b>17.1</b>	<b>16.2</b>	<b>31,284</b>	<b>596,096</b>	<b>34</b>	<b>29</b>	<b>23.7</b>	<b>23.4</b>	<b>21,595</b>	<b>427,075</b>	<b>23</b>	<b>21</b>	<b>30.8</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: 92,674

**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	88,173	95	21.4	21.8	22.7	22.2	22.1
	Extended Time	4,501	5	17.8	18.8	20.2	19.7	19.3
	Total	92,674	100	21.2	21.6	22.5	22.0	22.0
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	70	49	55	45	33
	Extended Time	45	26	40	29	19
	Total	69	48	54	44	33
National	Standard Time	63	41	48	38	28
	Extended Time	42	25	36	26	19
	Total	61	41	47	37	27

# Section II

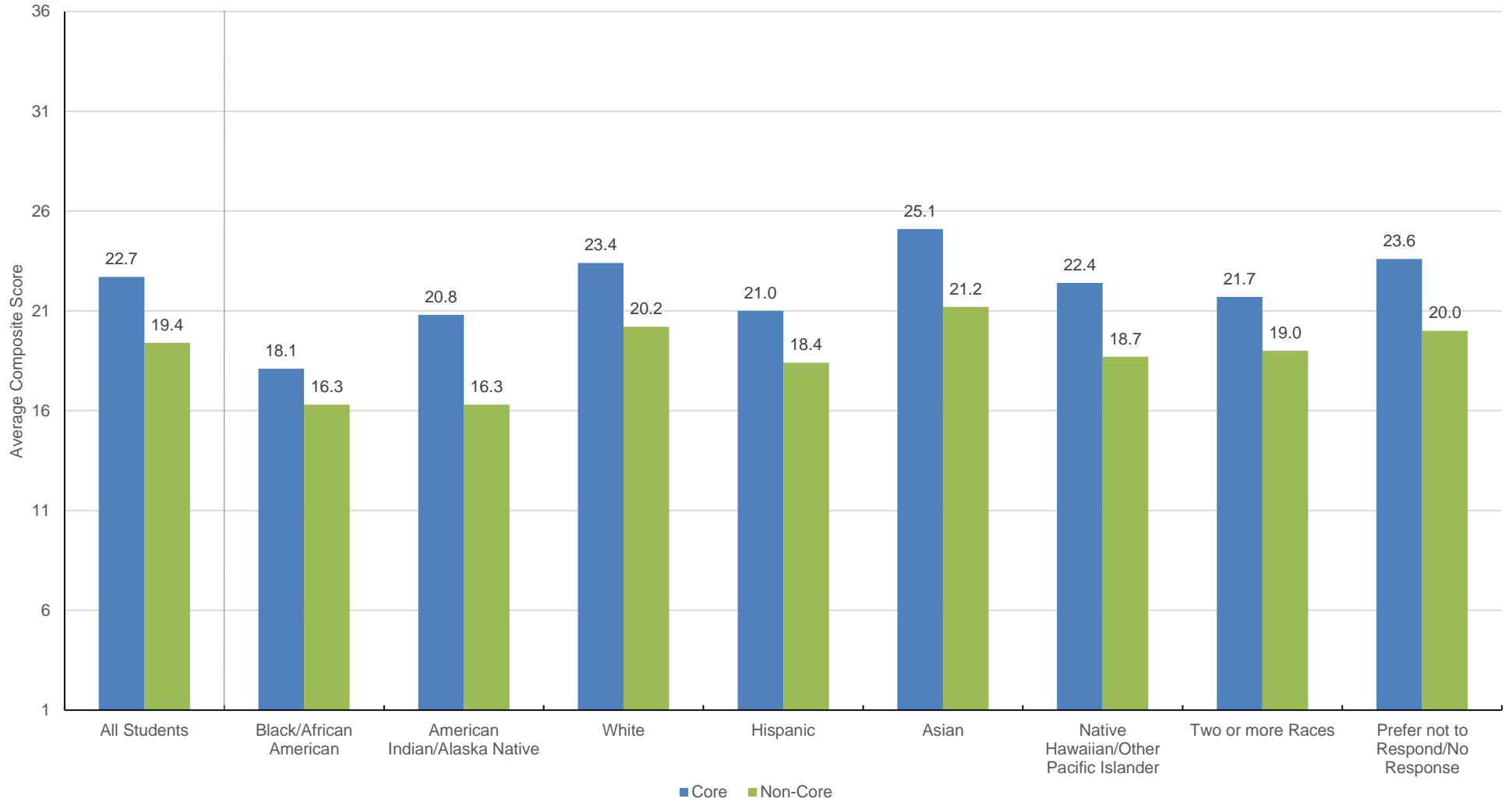
## Academic Achievement

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: 92,674

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: 92,674

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	693	100	295	100	1,085	100	689	100	120	100	286	100	36
35	2,244	99	720	99	1,325	99	768	99	527	99	565	99	35
34	1,645	97	660	99	2,162	97	1,145	98	943	99	824	99	34
33	1,700	95	1,107	98	2,427	95	1,552	97	1,289	98	1,081	98	33
32	1,067	93	1,237	97	2,832	92	456	96	1,612	97	1,319	97	32
31	1,504	92	1,399	96	2,995	89	1,804	95	2,011	95	1,710	96	31
30	2,465	90	1,617	94	3,379	86	1,966	93	2,538	93	1,987	94	30
29	2,011	88	2,128	92	2,794	83	2,251	91	2,862	90	2,542	92	29
28	2,179	86	3,653	90	3,331	79	2,746	89	3,383	87	3,123	89	28
27	2,874	83	5,215	86	2,392	76	2,993	86	3,966	84	3,946	86	27
26	3,074	80	5,379	81	3,227	73	4,043	82	4,174	79	5,124	81	26
25	4,590	77	5,455	75	3,720	70	5,458	78	4,966	75	5,937	76	25
24	5,410	72	6,116	69	5,980	66	7,922	72	5,676	69	6,375	69	24
23	6,014	66	5,178	62	4,995	59	7,150	64	6,306	63	6,239	62	23
22	5,606	60	4,557	57	7,685	54	8,063	56	6,509	56	6,182	56	22
21	6,190	54	4,120	52	5,028	46	7,355	47	6,583	49	6,393	49	21
20	6,052	47	4,619	47	5,795	40	6,614	39	6,691	42	6,964	42	20
19	4,556	40	5,628	42	5,975	34	6,487	32	6,310	35	7,084	35	19
18	3,892	35	7,105	36	4,421	28	5,729	25	6,234	28	6,982	27	18
17	4,254	31	8,050	29	4,789	23	4,583	19	5,483	22	6,116	19	17
16	5,380	27	8,769	20	4,088	18	4,078	14	4,813	16	4,969	13	16
15	5,910	21	5,636	10	3,240	13	2,776	10	3,681	10	3,344	7	15
14	3,688	14	2,729	4	2,785	10	2,127	7	2,773	6	2,102	4	14
13	2,460	10	892	1	2,608	7	1,591	4	1,875	3	927	2	13
12	2,207	8	262	1	1,727	4	1,091	3	890	1	373	1	12
11	2,304	5	86	1	941	2	591	1	303	1	113	1	11
10	1,479	3	40	1	454	1	332	1	102	1	35	1	10
9	634	1	5	1	238	1	171	1	35	1	18	1	9
8	312	1	1	1	137	1	77	1	9	1	9	1	8
7	179	1	5	1	46	1	31	1	6	1	1	1	7
6	58	1	5	1	30	1	16	1	1	1	2	1	6
5	25	1	0	1	19	1	8	1	1	1	0	1	5
4	12	1	3	1	11	1	1	1	2	1	1	1	4
3	4	1	0	1	8	1	5	1	0	1	1	1	3
2	1	1	0	1	4	1	0	1	0	1	0	1	2
1	1	1	3	1	1	1	5	1	0	1	0	1	1
Avg (SD)	21.2 (6.4)		21.6 (5.2)		22.5 (6.2)		22.0 (5.2)		22.0 (5.2)		22.1 (5.0)		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>

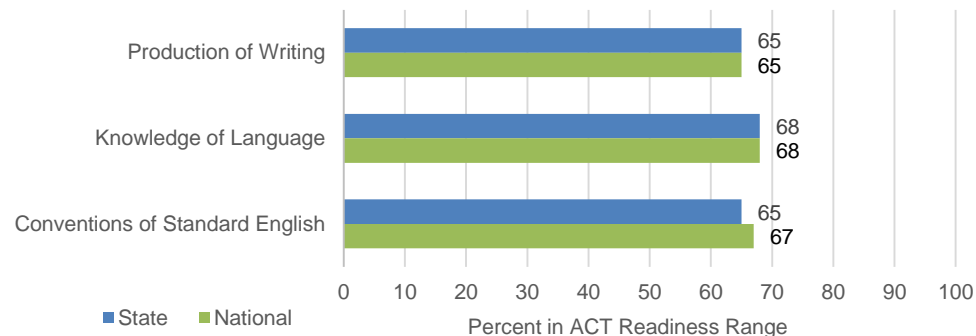


Figure 2.3. Math Reporting Categories<sup>1</sup>

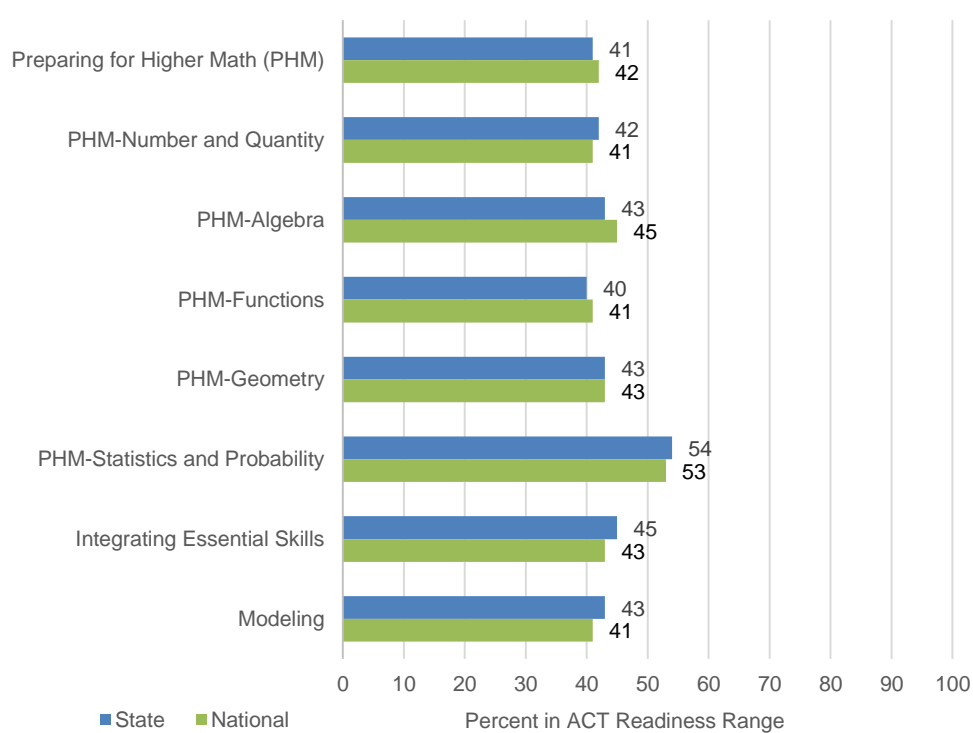


Figure 2.4. Reading Reporting Categories<sup>1</sup>

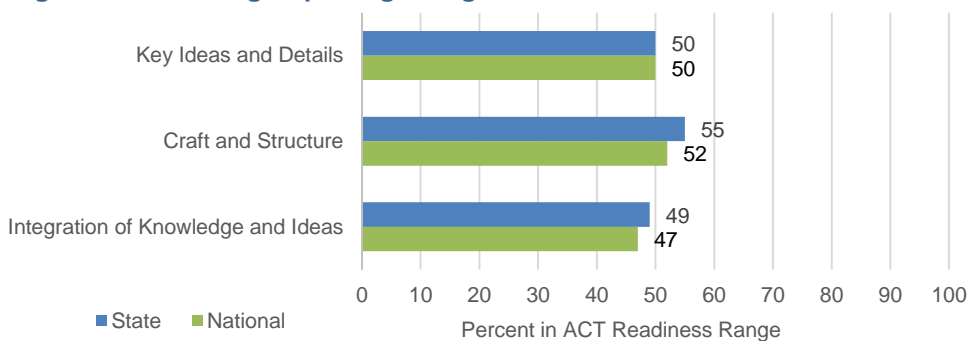
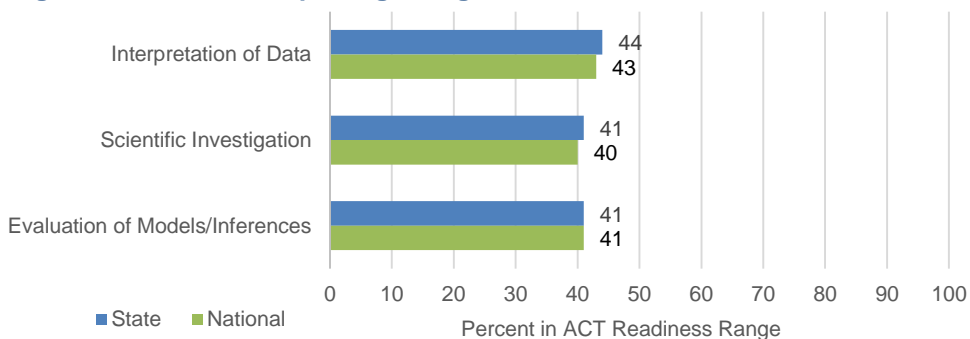


Figure 2.5. Science Reporting Categories<sup>1</sup>



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: 92,674

**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	92,674	79	22.7	19.4
	Black/African American	10,689	72	18.1	16.3
	American Indian/Alaska Native	215	72	20.8	16.3
	White	65,796	83	23.4	20.2
	Hispanic/Latino	4,086	76	21.0	18.4
	Asian	2,331	83	25.1	21.2
	Native Hawaiian/Other Pac. Isl.	60	73	22.4	18.7
	Two or More Races	4,001	79	21.7	19.0
	Prefer not/No Response	5,496	52	23.6	20.0
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
State	All Students	92,674	100	21.2	21.6	22.5	22.0	22.0	22.1
	Black/African American	10,689	12	16.2	17.5	17.8	17.9	17.5	17.9
	American Indian/Alaska Native	215	0	18.0	19.6	20.0	20.0	19.5	20.0
	White	65,796	71	22.2	22.4	23.5	22.8	22.8	22.8
	Hispanic/Latino	4,086	4	19.3	19.9	20.8	20.4	20.2	20.4
	Asian	2,331	3	23.7	25.1	23.8	24.2	24.3	24.9
	Native Hawaiian/Other Pac. Isl.	60	0	20.4	20.7	22.2	21.6	21.4	21.5
	Two or More Races	4,001	4	20.3	20.6	21.8	21.2	21.1	21.2
	Prefer not/No Response	5,496	6	20.7	21.1	22.2	21.6	21.5	21.6
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: 92,674

**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	42,747	79	23.1	19.5
	Females	49,655	80	22.4	19.3
	No Response	272	19	18.6	16.9
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	42,747	46	21.1	22.4	22.6	22.7	22.3	22.8
	Females	49,655	54	21.4	21.0	22.5	21.5	21.7	21.5
	No Response	272	0	16.1	17.7	17.3	17.4	17.2	17.8
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)	25	26	27	25	26
Q2 (50th Percentile)	21	21	22	22	22
Q1 (25th Percentile)	16	17	18	18	18

# Section III

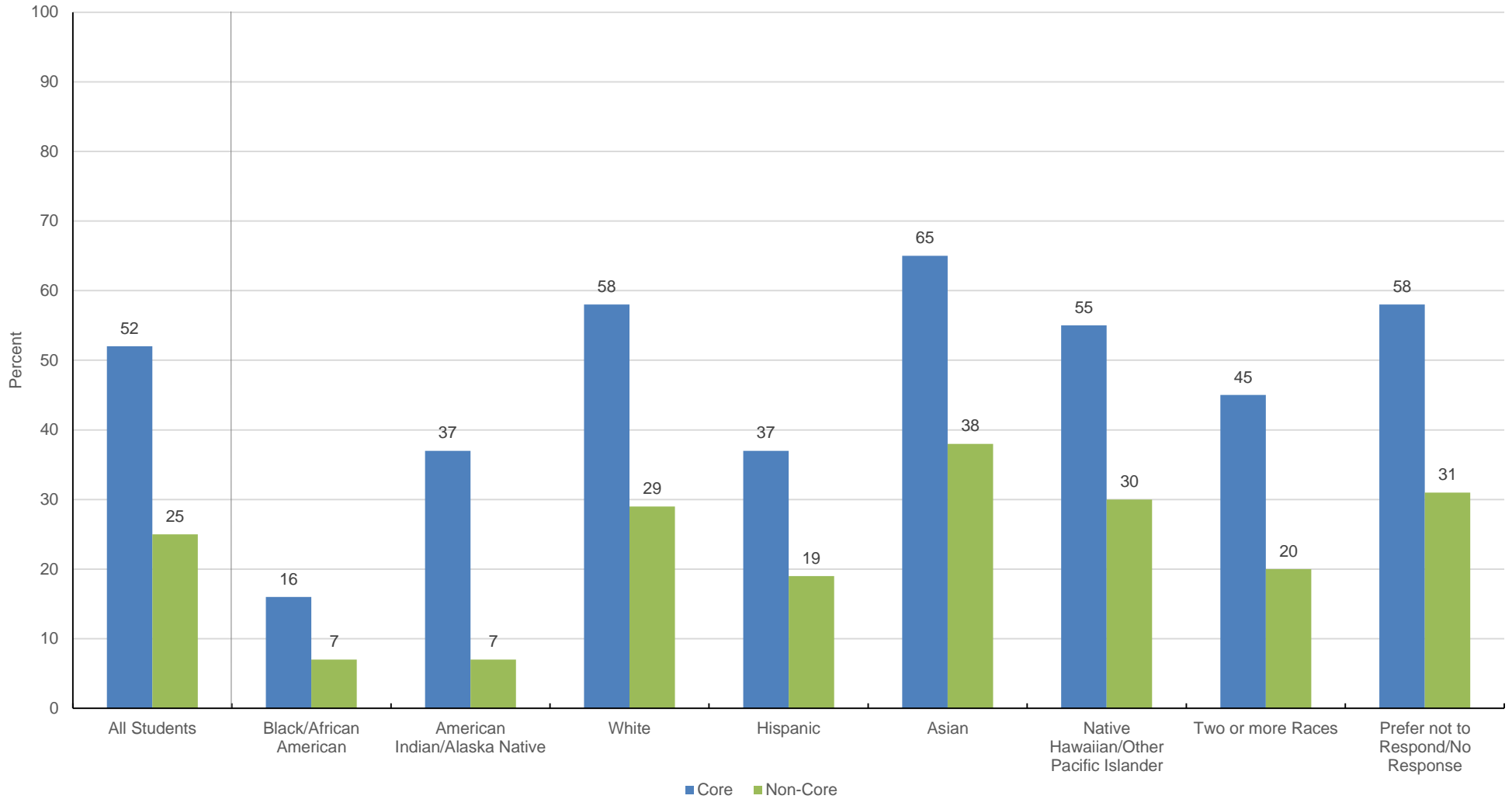
## College and Career Readiness and the Impact of Course Rigor

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: 92,674

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: 92,674

**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	6,282	7	2,782	3	6,999	8	4,154	4
	28 to 32	9,226	10	10,034	11	15,331	17	9,223	10
	24 to 27	15,948	17	22,165	24	15,319	17	20,416	22
	20 to 23	23,862	26	18,474	20	23,503	25	29,182	31
	16 to 19	18,082	20	29,552	32	19,273	21	20,877	23
	13 to 15	12,058	13	9,257	10	8,633	9	6,494	7
	01 to 12	7,216	8	410	0	3,616	4	2,328	3
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	68	54	55	49	36
	Females	70	44	54	40	29
	No Response	36	17	25	17	10
National	Males	59	44	46	40	29
	Females	65	39	49	35	26
	No Response	37	19	24	18	10

Total Students in Report: 92,674

**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	92,674	69	48	54	44	33	24
	Black/African American	10,689	34	15	22	12	7	4
	American Indian/Alaska Native	215	47	33	36	27	19	13
	White	65,796	76	55	61	50	37	28
	Hispanic/Latino	4,086	56	34	42	31	20	14
	Asian	2,331	74	69	60	58	48	47
	Native Hawaiian/Other Pac. Isl	60	63	43	57	38	27	23
	Two or More Races	4,001	63	39	50	37	26	17
	Prefer Not to Respond	5,496	62	43	52	43	32	25
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	28,391	31	28.4
	Silver	49,792	54	20.5
	Bronze	13,142	14	14.9
	Needs Improvement	1,349	1	11.5
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: 92,674

**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>	73,661	74	22.1	54	22.3	59	23.2	49	22.7	37	22.7	28	22.8
	Less than Core	14,308	49	18.4	26	19.1	37	20.0	25	19.7	15	19.4	10	19.6
	Missing <sup>3</sup>	4,705	39	16.9	23	18.3	34	19.2	24	19.0	15	18.5	12	18.9
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>	85,913	71	21.5	86,426	50	21.9	84,018	56	22.8	78,950	48	22.6
	Less than Core	2,258	49	18.1	1,671	12	17.1	4,073	43	21.0	9,130	18	18.8
	Missing <sup>3</sup>	4,503	40	17.0	4,577	23	18.4	4,583	35	19.3	4,594	25	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: 92,674

**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	21,868	24	22.5	77	372,397	18	22.0	72
Eng 9, Eng 10, Eng 11, Eng 12	64,045	69	21.2	69	1,376,686	68	20.6	64
Less than 4 years of English	2,258	2	18.1	49	109,158	5	15.9	34
Zero years / no English courses reported	4,503	5	17.0	40	171,797	8	16.7	39
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	5,321	6	23.6	66	117,096	6	23.2	62
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,318	8	21.4	49	152,416	8	21.5	51
Alg 1, Alg 2, Geom, & Trig	4,740	5	19.6	31	113,080	6	18.9	26
Alg 1, Alg 2, Geom, & Other Adv Math	19,705	21	19.7	32	364,399	18	19.3	29
Other comb of 4 or more years of Math	37,815	41	24.1	68	684,625	34	23.8	64
Alg 1, Alg 2, & Geom	7,029	8	17.6	13	217,043	11	16.9	10
Other comb of 3 or 3.5 years of Math	4,498	5	20.7	41	106,100	5	19.6	32
Less than 3 years of Math	1,671	2	17.1	12	96,952	5	16.3	8
Zero years / no Math courses reported	4,577	5	18.4	23	178,327	9	18.0	21
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	4,261	5	22.8	55	52,959	3	22.1	51
Other comb of 4 or more years Social Science	43,306	47	23.4	60	934,153	46	22.6	55
US Hist, World Hist, & Am Gov	11,030	12	20.7	41	120,831	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	25,421	27	22.7	55	526,172	26	21.6	48
Less than 3 years of Social Science	4,073	4	21.0	43	218,140	11	19.5	34
Zero years / no Social Science courses reported	4,583	5	19.3	35	177,783	9	18.3	28
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	47,649	51	23.4	56	809,286	40	22.4	48
Bio, Chem, Phys	5,436	6	25.4	72	225,060	11	23.2	53
Gen Sci <sup>1</sup> , Bio, Chem	23,892	26	20.6	31	513,247	25	20.2	30
Other comb of 3 years of Natural Science	1,973	2	19.4	24	53,979	3	19.1	24
Less than 3 years of Natural Science	9,130	10	18.8	18	248,948	12	18.2	17
Zero years / no Natural Science courses reported	4,594	5	19.0	25	179,518	9	18.4	20

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



Total Students in Report: 92,674

**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	21,868	24	22.5	77	9,114	21	22.3	75	12,745	26	22.7	78
Eng 9, Eng 10, Eng 11, Eng 12	64,045	69	21.2	69	30,104	70	21.2	69	33,879	68	21.2	69
Less than 4 years of English	2,258	2	18.1	49	1,066	2	17.8	47	1,176	2	18.4	51
Zero years / no English courses reported	4,503	5	17.0	40	2,463	6	17.0	40	1,855	4	17.2	41
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	5,321	6	23.6	66	2,497	6	24.5	72	2,820	6	22.9	61
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,318	8	21.4	49	2,912	7	21.9	56	4,401	9	21.0	45
Alg 1, Alg 2, Geom, & Trig	4,740	5	19.6	31	2,059	5	20.0	35	2,672	5	19.3	29
Alg 1, Alg 2, Geom, & Other Adv Math	19,705	21	19.7	32	7,674	18	20.1	36	12,010	24	19.4	29
Other comb of 4 or more years of Math	37,815	41	24.1	68	19,183	45	24.8	72	18,611	37	23.4	64
Alg 1, Alg 2, & Geom	7,029	8	17.6	13	3,108	7	18.0	16	3,903	8	17.3	11
Other comb of 3 or 3.5 years of Math	4,498	5	20.7	41	2,043	5	21.1	45	2,452	5	20.3	38
Less than 3 years of Math	1,671	2	17.1	12	770	2	17.5	15	896	2	16.8	8
Zero years / no Math courses reported	4,577	5	18.4	23	2,501	6	18.7	25	1,890	4	18.0	21
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	4,261	5	22.8	55	2,256	5	22.9	55	2,002	4	22.7	54
Other comb of 4 or more years Social Science	43,306	47	23.4	60	19,848	46	23.4	61	23,424	47	23.4	60
US Hist, World Hist, & Am Gov	11,030	12	20.7	41	5,195	12	21.0	43	5,817	12	20.4	40
Other comb of 3 or 3.5 years of Social Science	25,421	27	22.7	55	11,003	26	22.8	56	14,398	29	22.6	54
Less than 3 years of Social Science	4,073	4	21.0	43	1,938	5	21.2	44	2,127	4	20.8	42
Zero years / no Social Science courses reported	4,583	5	19.3	35	2,507	6	19.1	34	1,887	4	19.7	36
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	47,649	51	23.4	56	23,080	54	24.1	62	24,540	49	22.7	50
Bio, Chem, Phys	5,436	6	25.4	72	2,764	6	26.0	75	2,671	5	24.7	68
Gen Sci <sup>2</sup> , Bio, Chem	23,892	26	20.6	31	9,232	22	20.8	34	14,630	29	20.4	29
Other comb of 3 years of Natural Science	1,973	2	19.4	24	1,120	3	20.0	28	849	2	18.7	19
Less than 3 years of Natural Science	9,130	10	18.8	18	4,041	9	18.9	18	5,070	10	18.8	17
Zero years / no Natural Science courses reported	4,594	5	19.0	25	2,510	6	19.3	27	1,895	4	18.9	22

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

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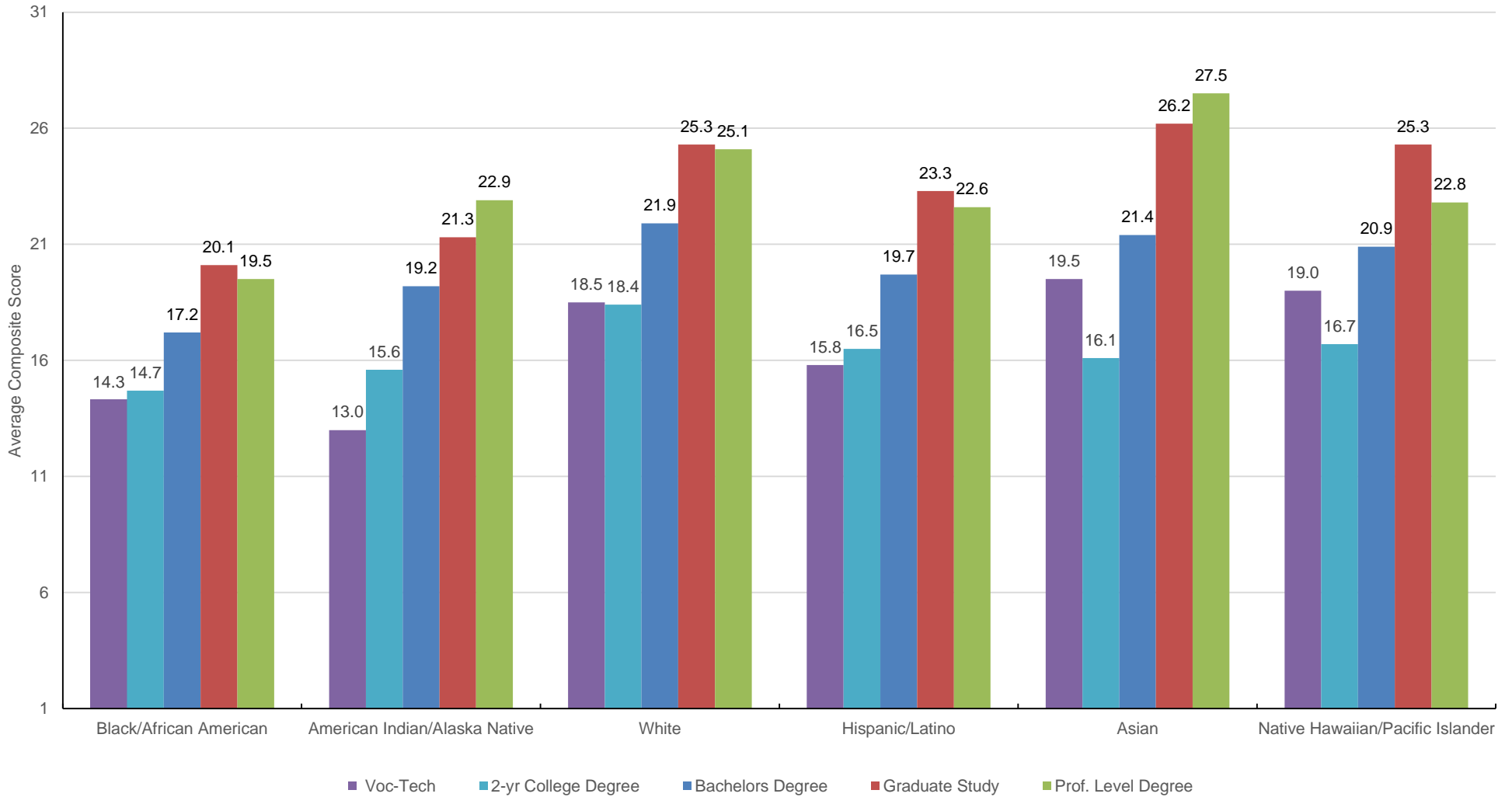
# Section IV

## 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: 92,674

**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	1,097	1	20.8	167	4	17.9	877	1	21.5
Architecture	853	1	21.8	27	1	15.4	777	1	22.1
Area, Ethnic, & Multidisciplinary Studies	72	0	22.9	2	0	12.0	61	0	23.8
Arts: Visual & Performing	5,241	6	21.5	322	8	17.9	4,546	6	21.9
Business	9,153	10	21.5	486	12	17.4	8,157	10	21.9
Communications	1,463	2	21.4	43	1	17.0	1,343	2	21.6
Community, Family, & Personal Services	1,656	2	18.9	225	6	16.7	1,333	2	19.4
Computer Science & Mathematics	3,335	4	23.7	148	4	19.3	2,963	4	24.1
Education	5,167	6	21.1	105	3	15.9	4,870	6	21.3
Engineering	7,550	8	24.7	138	3	18.7	7,025	9	24.9
Engineering Technology & Drafting	1,006	1	20.8	91	2	17.4	854	1	21.4
English & Foreign Languages	938	1	24.1	19	0	19.0	859	1	24.3
Health Administration & Assisting	3,148	3	19.0	291	7	17.3	2,676	3	19.3
Health Sciences & Technologies	16,788	18	21.8	584	15	18.0	15,460	19	22.0
Philosophy, Religion, & Theology	319	0	22.1	8	0	20.4	294	0	22.1
Repair, Production, & Construction	505	1	18.1	236	6	17.2	218	0	19.2
Sciences: Biological & Physical	5,853	6	24.2	61	2	18.4	5,552	7	24.4
Social Sciences & Law	6,333	7	22.0	152	4	17.7	5,811	7	22.3
Undecided	18,013	19	22.5	718	18	17.9	15,450	19	22.9
No Response	4,126	4	18.4	96	2	14.2	268	0	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: 92,674

**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	772	17.3	165	14.3	2	13.0	468	18.5	42	15.8
2-yr College Degree	3,173	17.6	441	14.7	18	15.6	2,278	18.4	155	16.5
Bachelors Degree	49,149	21.2	4,947	17.2	113	19.2	37,495	21.9	2,119	19.7
Graduate Study	12,994	24.8	931	20.1	25	21.3	10,139	25.3	458	23.3
Prof. Level Degree	17,277	24.3	2,107	19.5	30	22.9	11,785	25.1	820	22.6
Other	996	18.9	156	15.7	2	17.0	604	19.8	74	17.6
No Response	8,313	19.7	1,942	15.8	25	18.4	3,027	22.3	418	17.1

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	772	17.3	24	19.5	2	19.0	33	15.9	36	17.1
2-yr College Degree	3,173	17.6	39	16.1	3	16.7	128	17.4	111	17.3
Bachelors Degree	49,149	21.2	784	21.4	27	20.9	2,044	20.3	1,620	21.6
Graduate Study	12,994	24.8	346	26.2	8	25.3	518	23.7	569	24.9
Prof. Level Degree	17,277	24.3	828	27.5	13	22.8	882	23.1	812	25.4
Other	996	18.9	39	18.7	1	21.0	61	19.2	59	19.3
No Response	8,313	19.7	271	22.9	6	18.5	335	19.6	2,289	19.6

Total Students in Report: 92,674

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
OHIO STATE UNIVERSITY THE	Ohio	20,148	8,417	11,731	1	5	16	27	26	21	4
UNIVERSITY OF CINCINNATI	Ohio	13,511	4,694	8,817	1	6	20	29	25	16	3
OHIO UNIVERSITY	Ohio	11,693	3,287	8,406	1	5	23	35	25	11	1
KENT STATE UNIVERSITY	Ohio	11,564	3,798	7,766	2	11	29	32	19	7	1
BOWLING GREEN STATE UNIVERSITY	Ohio	8,397	2,481	5,916	1	8	28	33	20	8	1
UNIVERSITY OF AKRON	Ohio	7,797	2,469	5,328	2	12	29	29	18	9	1
MIAMI UNIVERSITY	Ohio	7,491	1,963	5,528	0	3	11	26	31	25	4
UNIVERSITY OF TOLEDO	Ohio	5,491	1,747	3,744	1	9	27	30	20	11	1
WRIGHT STATE UNIVERSITY	Ohio	5,160	1,743	3,417	1	11	27	30	19	10	1
CLEVELAND STATE UNIVERSITY	Ohio	4,110	1,466	2,644	3	14	32	28	16	6	1
UNIVERSITY OF DAYTON	Ohio	3,152	649	2,503	0	3	11	25	30	26	5
YOUNGSTOWN STATE UNIVERSITY	Ohio	2,845	1,313	1,532	1	12	34	29	17	6	1
COLUMBUS STATE COMMUNITY COLLEGE	Ohio	2,027	797	1,230	2	16	32	29	15	4	0
XAVIER UNIVERSITY-OH	Ohio	1,906	328	1,578	1	5	16	30	27	17	2
ASHLAND UNIVERSITY	Ohio	1,872	586	1,286	1	7	28	34	20	8	1
UNIVERSITY OF KENTUCKY	Kentucky	1,857	390	1,467	0	5	19	30	26	17	2
NCAA ELIGIBILITY CENTER	Indiana	1,829	911	918	3	13	26	26	22	10	2
CASE WESTERN RESERVE UNIV	Ohio	1,799	416	1,383	1	4	9	14	24	35	13
NORTHERN KENTUCKY UNIVERSITY	Kentucky	1,634	318	1,316	1	9	30	33	19	6	1
CAPITAL UNIVERSITY	Ohio	1,478	344	1,134	1	6	24	34	23	11	1
OTTERBEIN UNIVERSITY	Ohio	1,402	333	1,069	1	5	20	36	24	12	1
BALDWIN WALLACE UNIVERSITY	Ohio	1,398	376	1,022	2	9	24	27	24	13	1
OHIO NORTHERN UNIVERSITY	Ohio	1,340	331	1,009	0	3	16	30	30	19	2
UNIVERSITY OF FINDLAY THE	Ohio	1,338	362	976	0	3	20	36	26	14	1
SHAWNEE STATE UNIVERSITY	Ohio	1,274	590	684	1	10	38	30	16	4	0
SINCLAIR COMMUNITY COLLEGE	Ohio	1,124	382	742	1	14	36	30	14	4	0
UNIVERSITY OF MOUNT UNION	Ohio	1,122	300	822	0	5	27	35	23	9	1
STARK STATE COLLEGE	Ohio	1,028	331	697	5	18	35	28	11	3	0
CEDARVILLE UNIVERSITY	Ohio	926	376	550	0	3	14	31	28	21	3
JOHN CARROLL UNIVERSITY	Ohio	915	204	711	1	6	17	32	26	17	2
All Other Institutions		69,631	18,829	50,802	2	10	24	25	19	15	4
<b>Total</b>		<b>197,259</b>	<b>60,531</b>	<b>136,728</b>	<b>1</b>	<b>9</b>	<b>23</b>	<b>28</b>	<b>22</b>	<b>14</b>	<b>3</b>

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# Section V

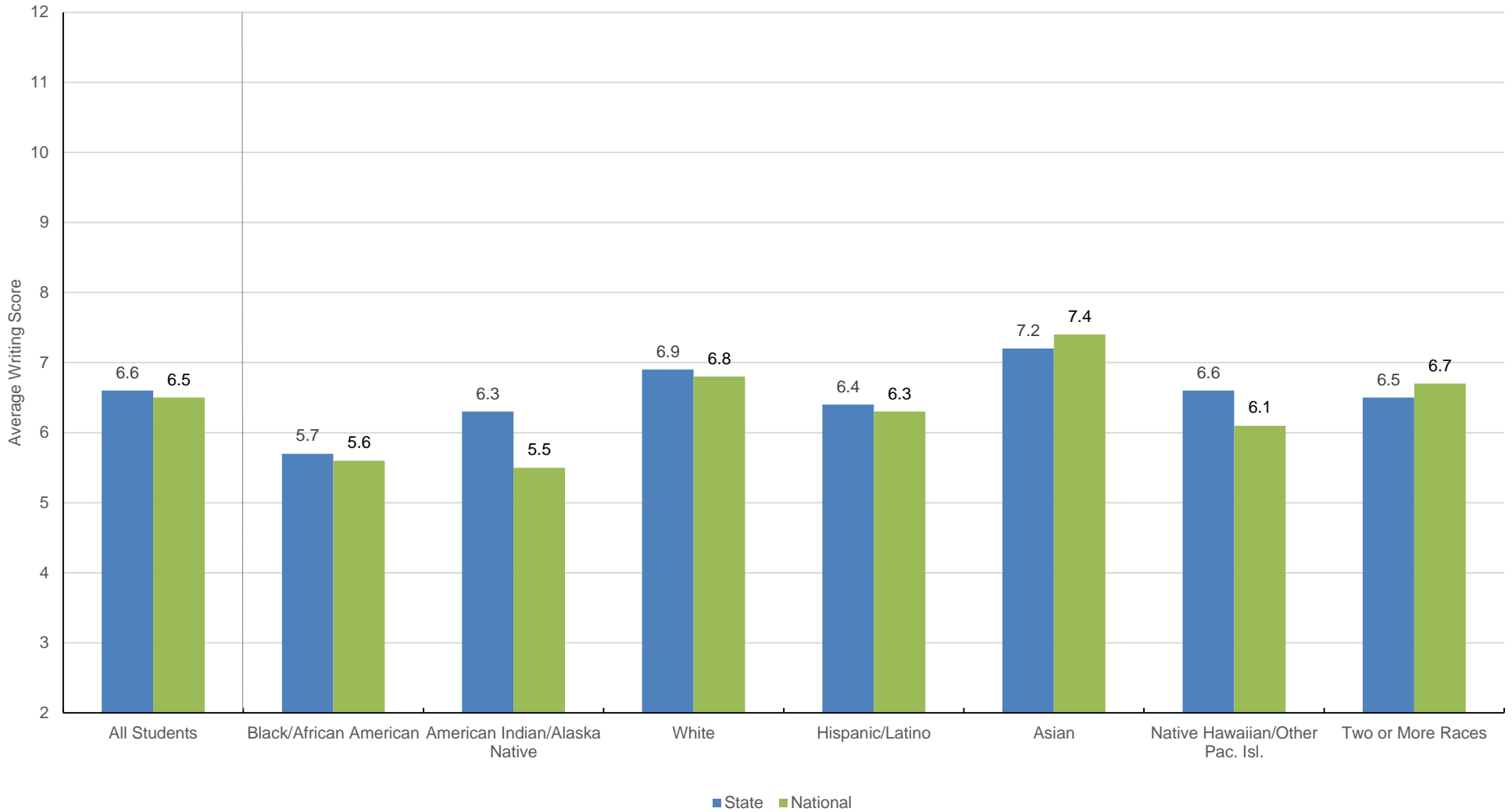
## Optional Writing Test Results

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: 92,674

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: 92,674

**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>41,972</b>	<b>1,090,621</b>	<b>6.6</b>	<b>6.5</b>	<b>21.7</b>	<b>20.9</b>	<b>23.1</b>	<b>22.0</b>	<b>20.9</b>	<b>20.2</b>
Black/African American	5,810	125,357	5.7	5.6	16.4	16.2	18.0	17.7	16.3	16.0
American Indian/Alaska Native	110	7,357	6.3	5.5	18.7	15.9	20.3	17.9	18.5	16.0
White	27,567	525,822	6.9	6.8	23.0	22.8	24.3	23.8	22.0	21.8
Hispanic/Latino	2,065	218,012	6.4	6.3	19.7	18.1	21.3	19.7	19.3	18.1
Asian	1,469	72,490	7.2	7.4	24.7	24.5	24.6	24.7	23.1	23.3
Native Hawaiian/Other Pac. Isl.	32	4,270	6.6	6.1	21.6	17.5	23.8	18.8	21.2	17.5
Two or More Races	2,059	48,148	6.5	6.7	20.7	21.2	22.3	22.5	20.1	20.6
Prefer not/No Response	2,860	89,165	6.3	6.4	21.0	20.6	22.6	21.7	20.2	19.8
Males	19,152	496,038	6.5	6.3	21.8	20.6	23.3	21.8	20.8	19.8
Females	22,636	568,720	6.8	6.8	21.7	21.4	23.0	22.4	21.0	20.8
No Response	184	25,863	5.0	5.5	15.5	16.4	16.8	18.0	14.9	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>401</b>	<b>3,655</b>	<b>23.3</b>	<b>23.5</b>	<b>6.7</b>	<b>6.8</b>	<b>21.7</b>	<b>22.0</b>
Black/African American	22	200	18.3	18.5	5.7	6.1	17.0	17.6
American Indian/Alaska Native	0	14	.	19.9	.	5.9	.	18.6
White	311	2,049	23.3	24.1	6.7	6.9	21.7	22.5
Hispanic/Latino	10	588	20.7	18.4	7.1	5.8	20.3	17.2
Asian	23	367	28.4	29.5	7.7	8.1	26.2	27.5
Native Hawaiian/Other Pac. Isl.	0	2	.	21.5	.	6.0	.	20.0
Two or More Races	13	123	25.7	24.6	6.2	6.9	22.9	22.8
Prefer not/No Response	22	312	22.9	25.5	6.2	6.9	21.0	23.5
Males	179	1,700	24.3	23.6	6.6	6.6	22.3	21.9
Females	222	1,955	22.5	23.5	6.8	6.9	21.2	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.

