



Profile Report - State

Graduating Class 2017

Pennsylvania



New to your 2017 Profile Report

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

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

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We are pleased to provide this 2017 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2017 graduates who took the ACT as sophomores, juniors, or seniors under standard- or extended-time conditions and achieved a college reportable composite score. The most recent set of test information is used in your report for students testing more than once.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

How to Improve Scores and Increase College Readiness

45% 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: 30,987 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. 82% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.8 reports 1% of the cohort took less than three years of math courses. Of these students, 17% were college ready. 5% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 13% of these students were college ready. In comparison, 66% 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 4% of the cohort took less than three years of natural science courses. 29% of these students were college ready. In comparison, 56% 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 30% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College and Career Readiness Standards at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

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

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

Section I

Executive Summary

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: 30,987

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

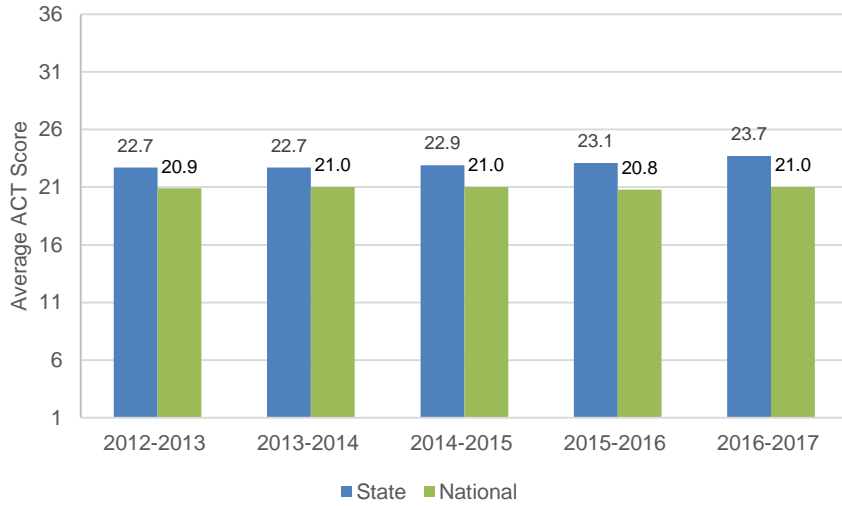


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing*

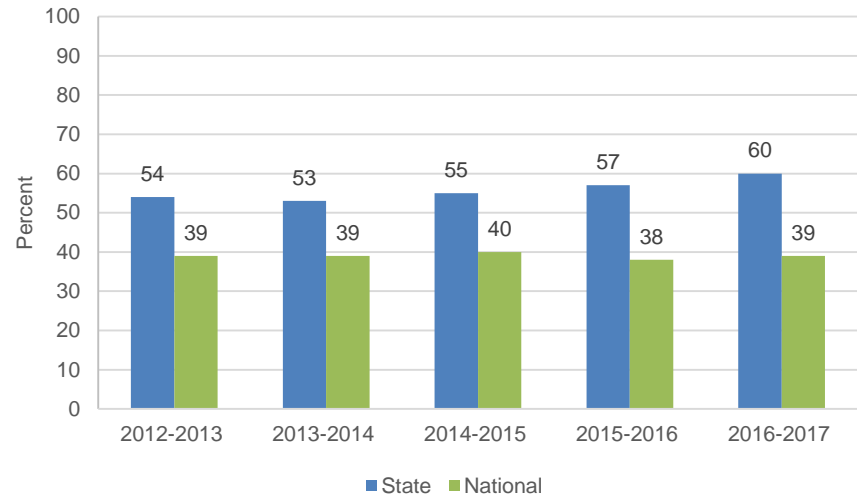


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing*

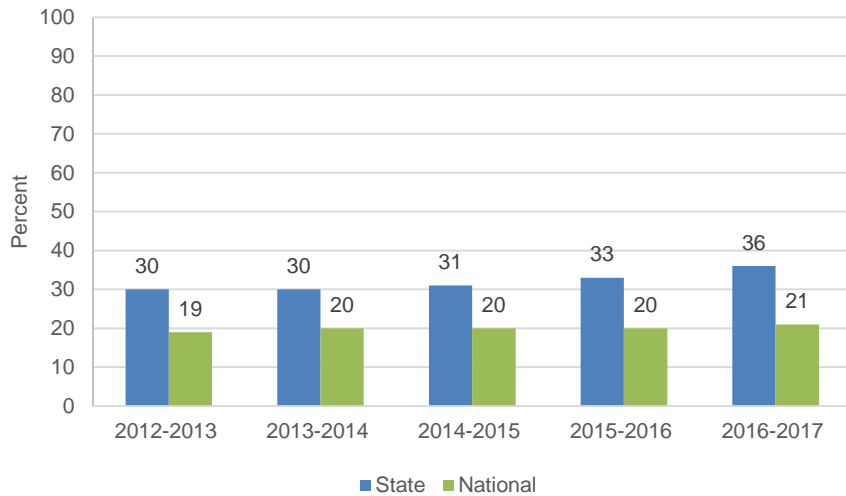
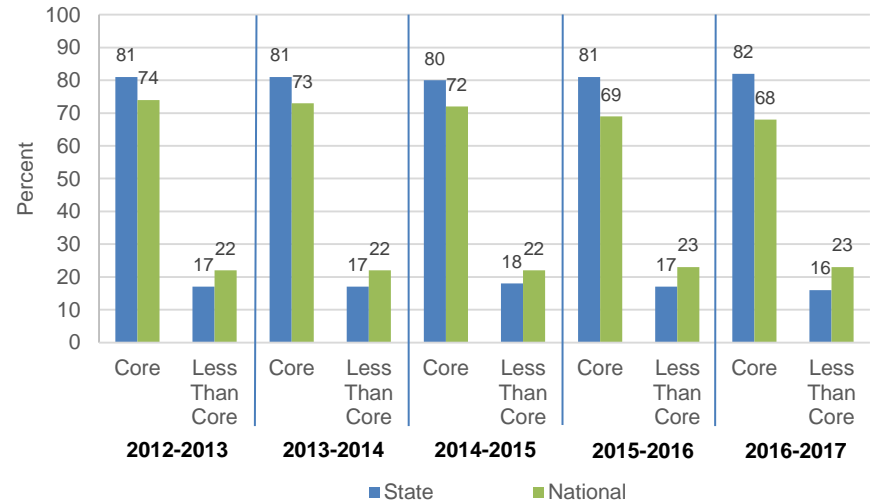


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing*



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

Total Students in Report: 30,987

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	26,171	1,799,243	77	64	61	44	57	44	47	36	38	26
2014	27,136	1,845,787	75	64	59	43	55	44	49	37	38	26
2015	29,776	1,924,436	76	64	58	42	59	46	51	38	40	28
2016	31,342	2,090,342	77	61	61	41	61	44	52	36	42	26
2017	30,987	2,030,038	80	61	62	41	66	47	55	37	45	27

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2013	26,171	1,799,243	22.2	20.2	23.0	20.9	23.0	21.1	22.2	20.7	22.7	20.9
2014	27,136	1,845,787	22.1	20.3	22.8	20.9	23.0	21.3	22.2	20.8	22.7	21.0
2015	29,776	1,924,436	22.5	20.4	22.8	20.8	23.2	21.4	22.5	20.9	22.9	21.0
2016	31,342	2,090,342	22.6	20.1	23.0	20.6	23.6	21.3	22.8	20.8	23.1	20.8
2017	30,987	2,030,038	23.4	20.3	23.4	20.7	24.2	21.4	23.3	21.0	23.7	21.0

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
2017	2,030,038	20.3	20.7	21.4	21.0	21.0

Total Students in Report: 30,987

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2013	21,156	4,395	81	17	22.5	21.0	23.3	22.1	23.3	22.0	22.4	21.3	23.0	21.7
2014	22,017	4,630	81	17	22.4	21.2	23.1	22.1	23.2	22.1	22.5	21.5	22.9	21.9
2015	23,936	5,227	80	18	22.8	21.6	23.1	22.1	23.5	22.3	22.8	21.8	23.1	22.1
2016	25,349	5,357	81	17	22.8	21.7	23.3	22.2	23.8	22.7	23.1	22.0	23.4	22.3
2017	25,519	4,929	82	16	23.6	22.4	23.6	22.7	24.4	23.2	23.5	22.4	23.9	22.8

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

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

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

Race/Ethnicity	2013			2014			2015			2016			2017		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	26,171	100	22.7	27,136	100	22.7	29,776	100	22.9	31,342	100	23.1	30,987	100	23.7
Black/African American	2,384	9	17.1	2,800	10	17.0	2,887	10	17.1	2,918	9	17.5	2,747	9	18.0
American Indian/Alaska Native	37	0	19.0	61	0	19.3	60	0	18.7	51	0	18.7	49	0	19.5
White	19,396	74	23.4	19,517	72	23.5	21,164	71	23.7	22,447	72	23.9	21,971	71	24.4
Hispanic/Latino	1,092	4	20.0	1,227	5	20.3	1,462	5	20.2	1,451	5	21.0	1,469	5	21.8
Asian	1,120	4	24.1	1,332	5	23.6	1,547	5	24.5	1,660	5	24.6	1,782	6	25.4
Native Hawaiian/Other Pacific Islander	27	0	20.9	29	0	22.2	21	0	21.1	41	0	23.5	22	0	23.1
Two or more races	674	3	22.0	741	3	21.6	865	3	22.2	935	3	21.9	949	3	23.1
Prefer not to respond/No response	1,441	6	23.8	1,429	5	23.4	1,770	6	23.8	1,839	6	23.7	1,998	6	24.0

Total Students in Report: 30,987

Table 1.6. Five Year Trends—Achievement in STEM¹

Year	All Tested Students						Students Meeting STEM Benchmarks			
	Number of Students Tested		Avg. STEM Score		Percent Meeting STEM Benchmark		Avg. Mathematics Score		Avg. Science Score	
	State	National	State	National	State	National	State	National	State	National
2013	26,171	1,799,243	22.8	21.1	30	19	29.0	28.7	27.9	28.0
2014	27,136	1,845,787	22.8	21.1	30	20	29.0	28.7	28.2	28.3
2015	29,776	1,924,436	22.9	21.1	31	20	28.9	28.7	28.4	28.4
2016	31,342	2,090,342	23.2	20.9	33	20	28.8	28.7	28.6	28.6
2017	30,987	2,030,038	23.6	21.1	36	21	29.0	28.7	28.7	28.7

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

Table 1.7. Proficiency In Understanding Complex Texts¹

Year	Text Complexity Proficiency Level																	
	Below Proficient						Proficient						Above Proficient					
	N		Percent		Avg. Reading		N		Percent		Avg. Reading		N		Percent		Avg. Reading	
State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	State	National	
2013	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2014	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2015	0	0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2016	7,220	485,762	23	23	16.9	17.0	6,019	322,548	19	15	23.7	23.6	5,198	235,380	17	11	30.5	30.3
2017	9,982	999,708	32	49	17.4	16.2	10,593	596,096	34	29	24.0	23.4	10,306	427,075	33	21	31.0	30.8

¹The 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: 30,987

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	29,788	96	23.4	23.5	24.2	23.3	23.7
	Extended Time	1,199	4	22.0	21.7	24.0	22.3	22.6
	Total	30,987	100	23.4	23.4	24.2	23.3	23.7
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	81	63	66	55	45
	Extended Time	71	48	61	47	39
	Total	80	62	66	55	45
National	Standard Time	63	41	48	38	28
	Extended Time	42	25	36	26	19
	Total	61	41	47	37	27

Section II

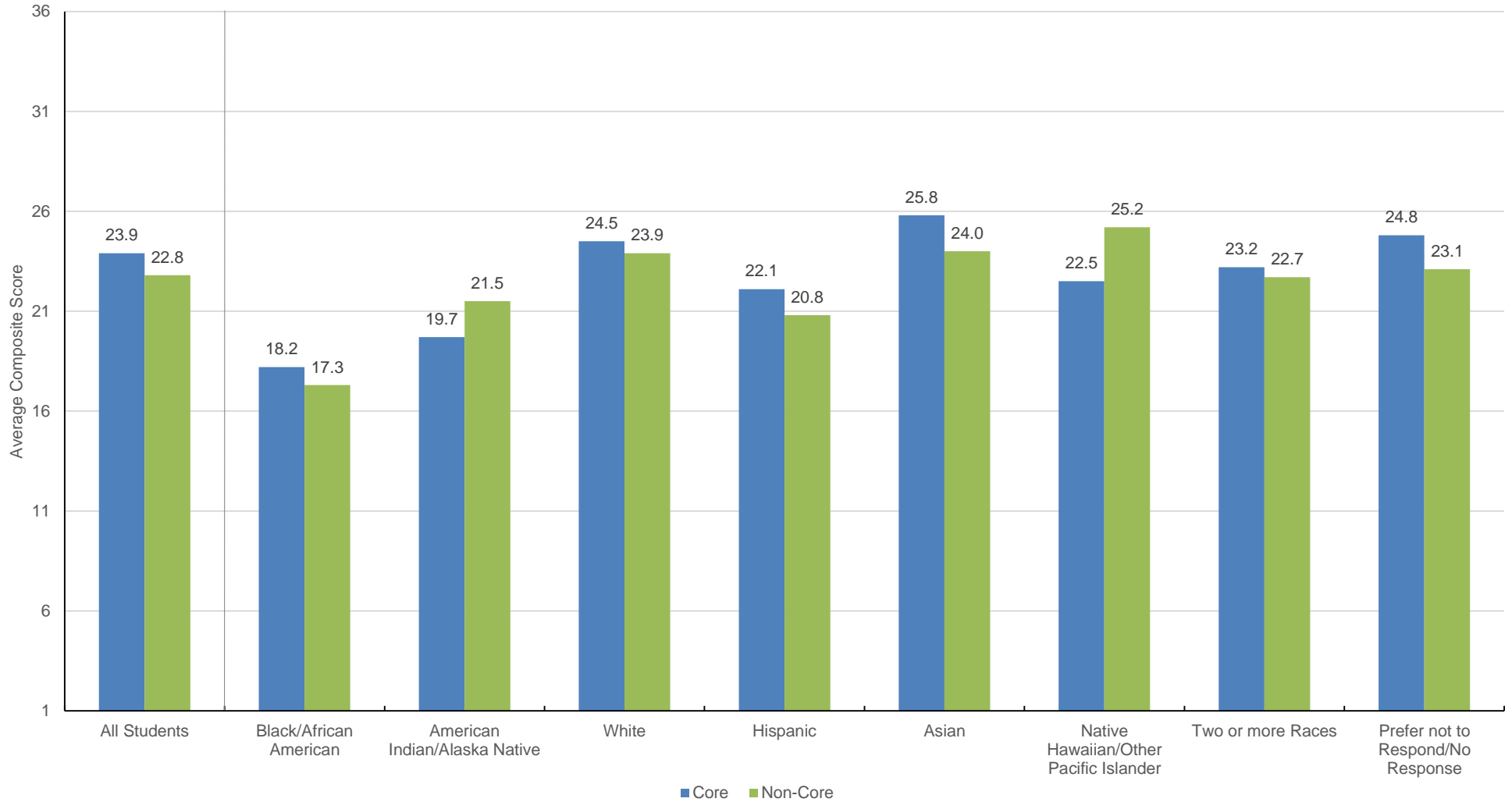
Academic Achievement

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: 30,987

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: 30,987

Table 2.1. ACT Score Distributions, Cumulative Percents (CP¹), 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	441	100	228	100	684	100	365	100	75	100	170	100	36
35	1,383	99	480	99	686	98	467	99	342	99	394	99	35
34	986	94	428	98	1,180	96	630	97	621	99	486	98	34
33	863	91	649	96	1,147	92	802	95	736	97	596	97	33
32	536	88	701	94	1,246	88	251	93	874	94	717	95	32
31	727	86	700	92	1,406	84	766	92	1,112	91	848	92	31
30	1,183	84	977	90	1,364	80	950	89	1,252	88	1,067	90	30
29	975	80	1,223	87	1,278	75	1,028	86	1,404	84	1,253	86	29
28	1,029	77	1,833	83	1,339	71	1,167	83	1,557	79	1,536	82	28
27	1,286	74	2,453	77	1,008	67	1,277	79	1,739	74	1,852	77	27
26	1,244	70	2,300	69	1,353	63	1,911	75	1,920	69	2,154	71	26
25	2,119	66	2,019	61	1,420	59	1,845	69	1,997	62	2,366	64	25
24	1,975	59	2,239	55	2,028	54	2,834	63	2,133	56	2,330	57	24
23	2,219	52	1,584	48	1,804	48	2,613	54	2,101	49	2,055	49	23
22	1,958	45	1,431	43	2,378	42	2,742	45	2,088	42	1,944	42	22
21	2,019	39	1,084	38	1,489	34	1,881	37	1,962	36	1,793	36	21
20	1,670	32	1,333	34	1,583	30	2,114	31	1,751	29	1,823	30	20
19	1,212	27	1,531	30	1,455	25	1,424	24	1,563	24	1,789	25	19
18	1,065	23	1,764	25	1,258	20	1,648	19	1,349	19	1,633	19	18
17	944	20	2,009	19	917	16	1,102	14	1,208	14	1,440	13	17
16	1,239	17	1,994	13	1,025	13	956	10	1,046	10	1,059	9	16
15	1,157	13	1,117	7	758	9	611	7	787	7	777	5	15
14	777	9	586	3	741	7	523	5	610	4	498	3	14
13	480	6	218	1	615	5	452	3	409	2	262	1	13
12	443	5	64	1	411	3	306	2	232	1	88	1	12
11	456	3	27	1	181	1	120	1	70	1	39	1	11
10	291	2	8	1	122	1	109	1	26	1	12	1	10
9	158	1	6	1	49	1	53	1	16	1	3	1	9
8	84	1	0	1	25	1	23	1	5	1	3	1	8
7	44	1	0	1	13	1	8	1	2	1	0	1	7
6	12	1	0	1	3	1	3	1	0	1	0	1	6
5	8	1	0	1	12	1	3	1	0	1	0	1	5
4	3	1	0	1	3	1	0	1	0	1	0	1	4
3	1	1	1	1	3	1	2	1	0	1	0	1	3
2	0	1	0	1	3	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	23.4 (6.5)		23.4 (5.5)		24.2 (6.4)		23.3 (5.4)		23.7 (5.4)		23.6 (5.2)		Avg (SD)

¹CP 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 Categories¹

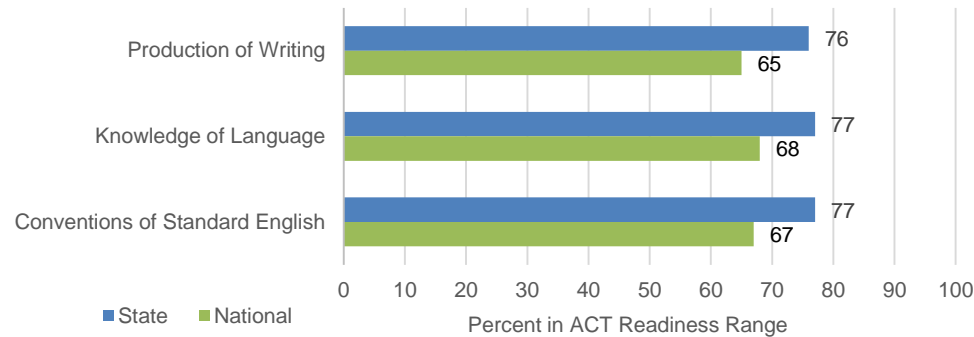


Figure 2.3. Math Reporting Categories¹

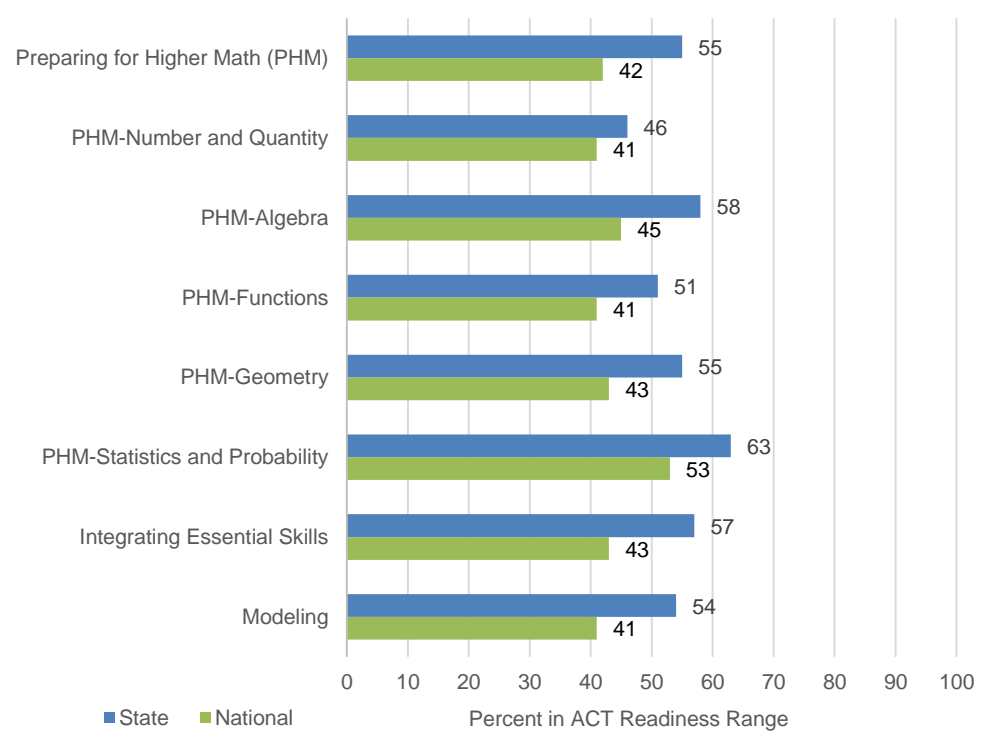


Figure 2.4. Reading Reporting Categories¹

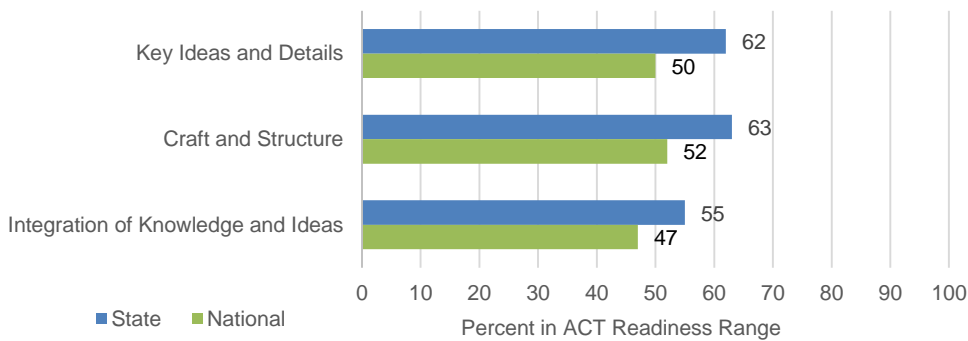
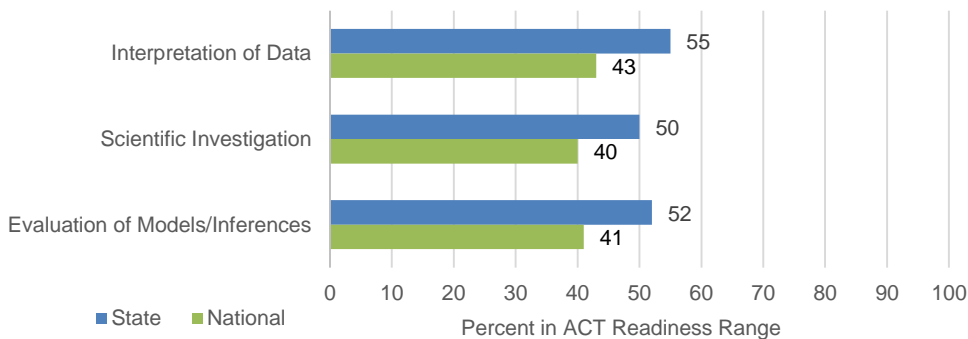


Figure 2.5. Science Reporting Categories¹



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

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

Total Students in Report: 30,987

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	30,987	82	23.9	22.8
	Black/African American	2,747	76	18.2	17.3
	American Indian/Alaska Native	49	80	19.7	21.5
	White	21,971	85	24.5	23.9
	Hispanic/Latino	1,469	78	22.1	20.8
	Asian	1,782	76	25.8	24.0
	Native Hawaiian/Other Pac. Isl.	22	77	22.5	25.2
	Two or More Races	949	82	23.2	22.7
	Prefer not/No Response	1,998	71	24.8	23.1
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

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

Table 2.3. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
Black/African American	2,747	9	17.1	18.1	18.3	17.9	18.0	18.2	
American Indian/Alaska Native	49	0	18.5	19.3	20.4	19.4	19.5	19.6	
White	21,971	71	24.2	23.9	25.0	23.9	24.4	24.2	
Hispanic/Latino	1,469	5	21.4	21.4	22.5	21.5	21.8	21.7	
Asian	1,782	6	24.7	26.8	24.8	24.7	25.4	26.0	
Native Hawaiian/Other Pac. Isl.	22	0	22.4	23.1	23.4	23.2	23.1	23.3	
Two or More Races	949	3	22.7	22.6	23.9	22.7	23.1	22.9	
Prefer not/No Response	1,998	6	23.7	23.6	24.6	23.5	24.0	23.8	
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: 30,987

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

Student Group	Gender	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	Males	13,854	83	24.3	23.0
	Females	17,080	82	23.6	22.7
	No Response	53	36	21.9	16.2
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

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

Table 2.5. Average ACT Scores by Gender

Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
State	Males	13,854	45	23.3	24.2	24.2	24.0	24.1	24.4
	Females	17,080	55	23.5	22.7	24.2	22.7	23.4	22.9
	No Response	53	0	15.9	19.3	18.4	18.5	18.2	19.2
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)	28	27	29	26	28
Q2 (50th Percentile)	23	24	24	23	24
Q1 (25th Percentile)	19	18	20	20	20

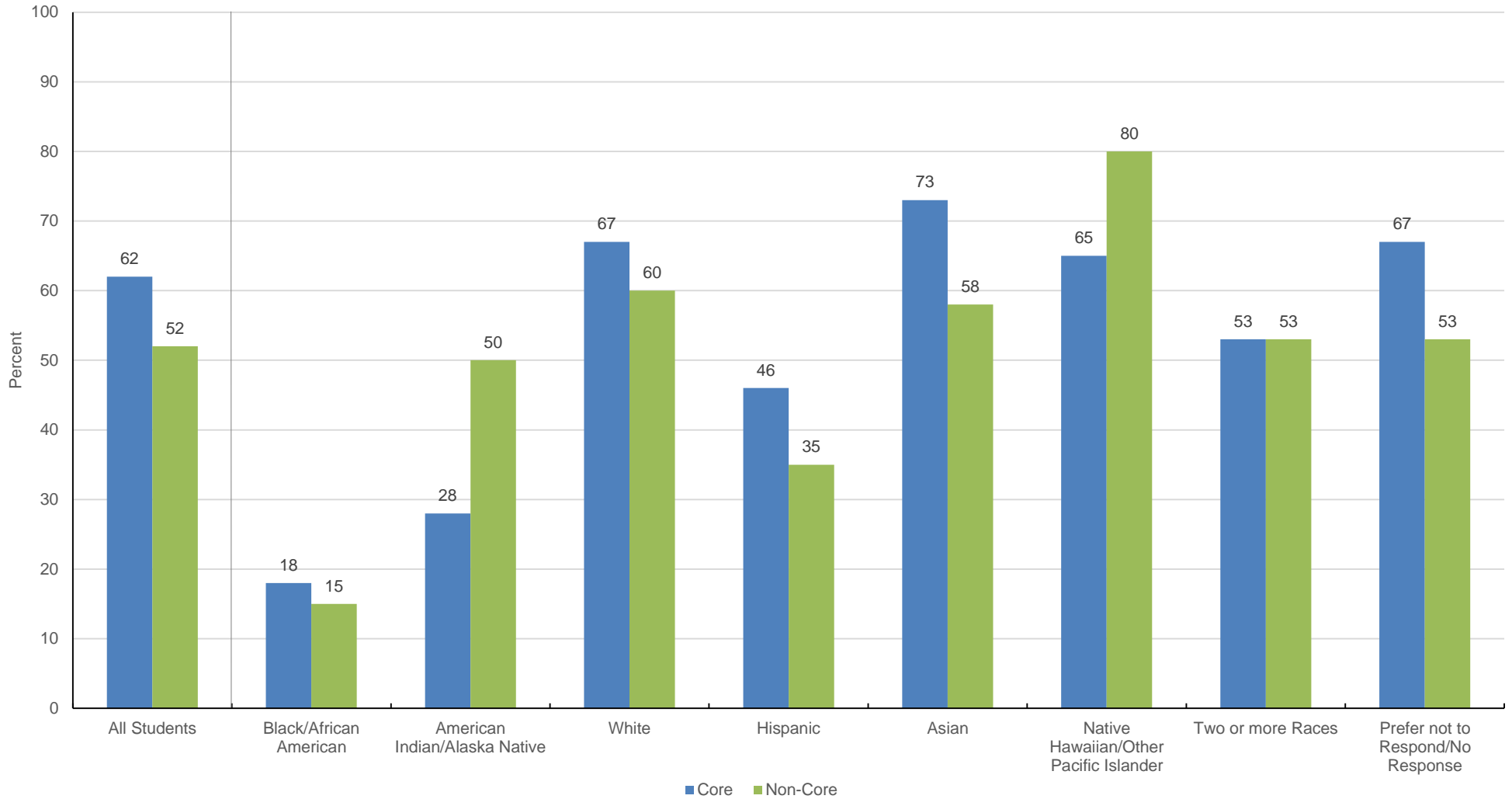
Section III

College and Career Readiness and the Impact of Course Rigor

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

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

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



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

Total Students in Report: 30,987

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	3,673	12	1,785	6	3,697	12	2,264	7
	28 to 32	4,450	14	5,434	18	6,633	21	4,162	13
	24 to 27	6,624	21	9,011	29	5,809	19	7,867	25
	20 to 23	7,866	25	5,432	18	7,254	23	9,350	30
	16 to 19	4,460	14	7,298	24	4,655	15	5,130	17
	13 to 15	2,414	8	1,921	6	2,114	7	1,586	5
	01 to 12	1,500	5	106	0	825	3	628	2
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	79	67	65	60	49
	Females	81	58	66	50	41
	No Response	40	36	32	25	13
National	Males	59	44	46	40	29
	Females	65	39	49	35	26
	No Response	37	19	24	18	10

Total Students in Report: 30,987

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	30,987	80	62	66	55	45	36
	Black/African American	2,747	41	20	26	14	9	6
	American Indian/Alaska Native	49	53	24	41	33	20	12
	White	21,971	86	67	71	60	49	39
	Hispanic/Latino	1,469	69	47	53	39	31	24
	Asian	1,782	82	80	67	64	54	54
	Native Hawaiian/Other Pac. Isl	22	82	64	64	59	45	41
	Two or More Races	949	75	53	62	48	41	32
	Prefer Not to Respond	1,998	78	62	66	55	47	39
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 Score¹

Student Group	ACT NCRC Level ²	N		Average
		N	%	Composite
State	Gold or Higher	13,629	44	28.7
	Silver	14,155	46	20.9
	Bronze	2,852	9	14.9
	Needs Improvement	351	1	11.4
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

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

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

Total Students in Report: 30,987

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite ⁴		STEM	
			%	Avg	%	Avg	%	Avg	%	Avg	%	Avg	%	Avg
State	Core or More ²	25,519	82	23.6	64	23.6	67	24.4	56	23.5	46	23.9	37	23.8
	Less than Core	4,929	73	22.4	55	22.7	58	23.2	48	22.4	39	22.8	32	22.8
	Missing ³	539	59	20.0	35	20.1	50	22.2	38	21.0	28	20.9	24	20.8
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

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

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

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

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

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
State	Core or More ²	29,944	81	23.5	30,092	63	23.5	26,877	66	24.3	29,350	56	23.4
	Less than Core	531	63	20.5	382	17	17.8	3,591	63	24.0	1,117	29	19.7
	Missing ³	512	60	20.2	513	36	20.1	519	50	22.3	520	39	21.0
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

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

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

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

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

Total Students in Report: 30,987

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

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,618	21	23.8	82	372,397	18	22.0	72
Eng 9, Eng 10, Eng 11, Eng 12	23,326	75	23.4	81	1,376,686	68	20.6	64
Less than 4 years of English	531	2	20.5	63	109,158	5	15.9	34
Zero years / no English courses reported	512	2	20.2	60	171,797	8	16.7	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,789	12	24.5	75	117,096	6	23.2	62
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,552	8	21.9	55	152,416	8	21.5	51
Alg 1, Alg 2, Geom, & Trig	1,805	6	19.7	32	113,080	6	18.9	26
Alg 1, Alg 2, Geom, & Other Adv Math	2,847	9	19.8	33	364,399	18	19.3	29
Other comb of 4 or more years of Math	16,175	52	25.3	76	684,625	34	23.8	64
Alg 1, Alg 2, & Geom	1,491	5	17.5	13	217,043	11	16.9	10
Other comb of 3 or 3.5 years of Math	1,433	5	21.7	50	106,100	5	19.6	32
Less than 3 years of Math	382	1	17.8	17	96,952	5	16.3	8
Zero years / no Math courses reported	513	2	20.1	36	178,327	9	18.0	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	2,250	7	24.0	63	52,959	3	22.1	51
Other comb of 4 or more years Social Science	14,733	48	24.2	66	934,153	46	22.6	55
US Hist, World Hist, & Am Gov	2,027	7	23.1	58	120,831	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	7,867	25	24.7	69	526,172	26	21.6	48
Less than 3 years of Social Science	3,591	12	24.0	63	218,140	11	19.5	34
Zero years / no Social Science courses reported	519	2	22.3	50	177,783	9	18.3	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	19,628	63	23.9	59	809,286	40	22.4	48
Bio, Chem, Phys	4,033	13	24.8	67	225,060	11	23.2	53
Gen Sci ¹ , Bio, Chem	5,424	18	21.0	35	513,247	25	20.2	30
Other comb of 3 years of Natural Science	265	1	20.9	36	53,979	3	19.1	24
Less than 3 years of Natural Science	1,117	4	19.7	29	248,948	12	18.2	17
Zero years / no Natural Science courses reported	520	2	21.0	39	179,518	9	18.4	20

¹Includes General, Physical and Earth Sciences.

Total Students in Report: 30,987

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,618	21	23.8	82	2,760	20	23.5	80	3,857	23	24.0	83
Eng 9, Eng 10, Eng 11, Eng 12	23,326	75	23.4	81	10,559	76	23.4	80	12,724	74	23.4	81
Less than 4 years of English	531	2	20.5	63	246	2	20.4	61	283	2	20.6	65
Zero years / no English courses reported	512	2	20.2	60	289	2	20.4	61	216	1	20.1	61
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,789	12	24.5	75	1,577	11	25.4	78	2,205	13	24.0	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,552	8	21.9	55	873	6	22.1	56	1,678	10	21.8	54
Alg 1, Alg 2, Geom, & Trig	1,805	6	19.7	32	699	5	19.9	33	1,100	6	19.6	31
Alg 1, Alg 2, Geom, & Other Adv Math	2,847	9	19.8	33	983	7	20.1	36	1,861	11	19.7	31
Other comb of 4 or more years of Math	16,175	52	25.3	76	8,030	58	26.1	80	8,138	48	24.6	72
Alg 1, Alg 2, & Geom	1,491	5	17.5	13	633	5	17.6	14	847	5	17.4	12
Other comb of 3 or 3.5 years of Math	1,433	5	21.7	50	620	4	21.9	51	813	5	21.5	50
Less than 3 years of Math	382	1	17.8	17	151	1	18.4	21	220	1	17.6	15
Zero years / no Math courses reported	513	2	20.1	36	288	2	20.7	40	218	1	19.5	33
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	2,250	7	24.0	63	1,172	8	23.7	62	1,078	6	24.3	65
Other comb of 4 or more years Social Science	14,733	48	24.2	66	6,556	47	24.3	66	8,174	48	24.2	67
US Hist, World Hist, & Am Gov	2,027	7	23.1	58	950	7	23.3	59	1,074	6	23.0	57
Other comb of 3 or 3.5 years of Social Science	7,867	25	24.7	69	3,294	24	24.8	68	4,552	27	24.7	69
Less than 3 years of Social Science	3,591	12	24.0	63	1,592	11	23.9	62	1,984	12	24.1	64
Zero years / no Social Science courses reported	519	2	22.3	50	290	2	22.4	51	218	1	22.4	51
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ¹ , Bio, Chem, & Phys	19,628	63	23.9	59	9,241	67	24.6	64	10,368	61	23.2	55
Bio, Chem, Phys	4,033	13	24.8	67	1,884	14	25.7	73	2,149	13	24.0	62
Gen Sci ² , Bio, Chem	5,424	18	21.0	35	1,881	14	20.9	36	3,531	21	21.0	35
Other comb of 3 years of Natural Science	265	1	20.9	36	135	1	21.5	39	125	1	20.5	35
Less than 3 years of Natural Science	1,117	4	19.7	29	424	3	19.4	27	686	4	20.0	30
Zero years / no Natural Science courses reported	520	2	21.0	39	289	2	21.6	42	221	1	20.5	36

¹Includes General, Physical and Earth Sciences.

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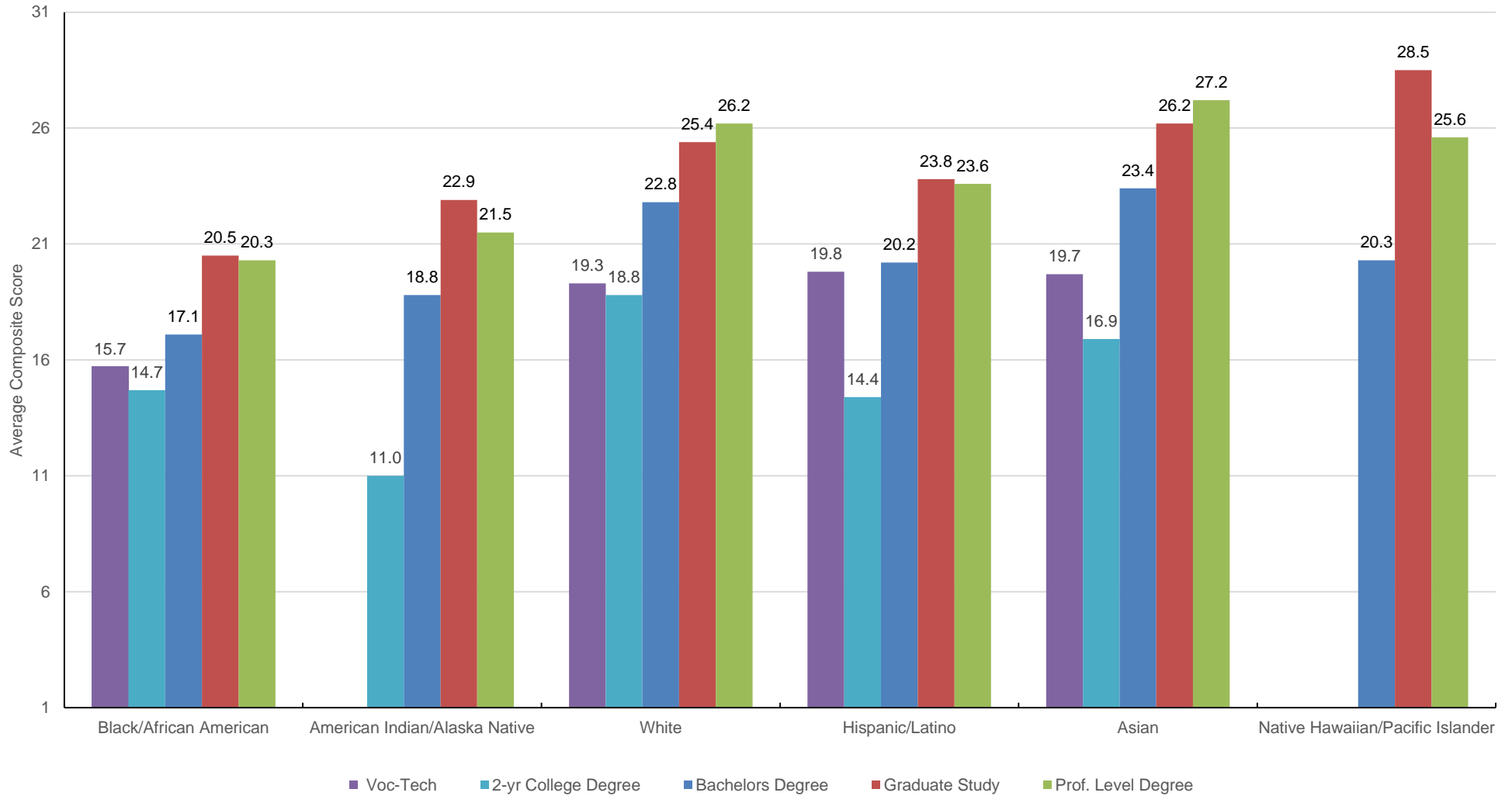
Section IV

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: 30,987

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent	Avg ACT Comp	N	Percent	Avg ACT Comp
Agriculture & Natural Resources Conservation	232	1	22.4	4	1	18.5	211	1	22.7
Architecture	308	1	23.0	3	1	16.0	275	1	23.3
Area, Ethnic, & Multidisciplinary Studies	33	0	26.9	0	0	.	29	0	26.9
Arts: Visual & Performing	1,201	4	22.6	25	7	17.2	1,041	4	23.0
Business	3,994	13	23.1	74	20	18.0	3,594	13	23.3
Communications	719	2	22.8	5	1	18.4	663	2	22.9
Community, Family, & Personal Services	253	1	19.1	16	4	17.1	200	1	19.6
Computer Science & Mathematics	1,293	4	25.7	11	3	18.2	1,160	4	25.9
Education	1,237	4	21.3	14	4	16.5	1,138	4	21.4
Engineering	3,487	11	26.4	19	5	21.5	3,227	12	26.5
Engineering Technology & Drafting	238	1	21.7	11	3	18.6	192	1	22.6
English & Foreign Languages	330	1	25.5	0	0	.	302	1	25.6
Health Administration & Assisting	523	2	19.7	19	5	17.2	430	2	20.1
Health Sciences & Technologies	5,288	17	23.0	48	13	18.8	4,938	18	23.1
Philosophy, Religion, & Theology	71	0	24.3	4	1	19.0	57	0	25.0
Repair, Production, & Construction	65	0	17.0	25	7	15.8	27	0	19.0
Sciences: Biological & Physical	3,507	11	25.4	6	2	17.5	3,269	12	25.5
Social Sciences & Law	2,278	7	23.6	6	2	17.7	2,096	8	23.8
Undecided	5,575	18	23.2	66	18	18.1	4,267	16	23.8
No Response	348	1	21.2	6	2	18.0	34	0	23.4

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

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

Total Students in Report: 30,987

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	136	18.4	23	15.7	0	.	70	19.3	5	19.8
2-yr College Degree	227	17.7	24	14.7	1	11.0	145	18.8	11	14.4
Bachelors Degree	12,224	22.3	916	17.1	33	18.8	9,453	22.8	535	20.2
Graduate Study	7,474	25.2	333	20.5	8	22.9	5,845	25.4	308	23.8
Prof. Level Degree	7,457	25.6	666	20.3	4	21.5	5,001	26.2	424	23.6
Other	271	21.0	40	16.4	0	.	156	21.8	14	17.9
No Response	3,198	22.0	745	16.1	3	18.3	1,301	25.1	172	19.8

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	136	18.4	20	19.7	0	.	4	14.3	14	16.9
2-yr College Degree	227	17.7	13	16.9	0	.	6	17.2	27	16.9
Bachelors Degree	12,224	22.3	472	23.4	9	20.3	334	21.8	472	22.5
Graduate Study	7,474	25.2	387	26.2	2	28.5	205	24.6	386	26.2
Prof. Level Degree	7,457	25.6	628	27.2	10	25.6	270	25.0	454	26.2
Other	271	21.0	24	23.2	0	.	8	20.6	29	23.0
No Response	3,198	22.0	238	24.3	1	12.0	122	20.6	616	22.6

Total Students in Report: 30,987

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
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	3,145	1,086	2,059	1	3	13	28	30	21	4
UNIVERSITY OF PITTSBURGH	Pennsylvania	2,641	1,071	1,570	0	1	9	26	32	26	6
TEMPLE UNIVERSITY	Pennsylvania	1,533	493	1,040	1	5	18	34	25	15	2
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	Pennsylvania	996	265	731	1	7	25	33	26	8	0
DREXEL UNIVERSITY	Pennsylvania	804	190	614	0	2	13	29	28	23	4
DUQUESNE UNIVERSITY	Pennsylvania	763	236	527	0	1	13	33	34	17	2
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	643	228	415	0	1	6	16	25	36	16
BLOOMSBURG UNIVERSITY OF PENNSYLVANIA	Pennsylvania	599	176	423	2	9	37	30	18	4	1
SLIPPERY ROCK UNIVERSITY OF PENN	Pennsylvania	599	203	396	2	7	29	39	17	6	1
INDIANA UNIVERSITY OF PENNSYLVANIA	Pennsylvania	514	115	399	2	9	29	37	16	7	1
NCAA ELIGIBILITY CENTER	Indiana	493	284	209	1	6	21	29	23	16	3
VILLANOVA UNIVERSITY	Pennsylvania	493	123	370	0	2	8	22	31	32	5
UNIVERSITY OF DELAWARE	Delaware	480	117	363	0	1	7	26	39	22	4
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA	Pennsylvania	448	127	321	1	10	30	30	19	8	2
WEST VIRGINIA UNIVERSITY	West Virginia	445	165	280	1	3	17	37	27	13	1
CARNEGIE MELLON UNIVERSITY	Pennsylvania	413	143	270	0	0	4	9	23	42	22
ROBERT MORRIS UNIVERSITY	Pennsylvania	407	124	283	1	4	26	34	23	11	2
LEHIGH UNIVERSITY	Pennsylvania	398	110	288	0	1	4	16	35	37	7
KUTZTOWN UNIVERSITY OF PENNSYLVANIA	Pennsylvania	385	112	273	1	9	33	34	16	7	0
OHIO STATE UNIVERSITY THE	Ohio	372	98	274	1	1	8	22	37	28	5
SHIPPENSBURG UNIVERSITY OF PENNSYLVANIA	Pennsylvania	346	84	262	1	11	36	30	17	5	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	324	59	265	1	1	6	20	32	32	8
GANNON UNIVERSITY	Pennsylvania	309	96	213	1	7	20	36	25	10	1
BUCKNELL UNIVERSITY	Pennsylvania	284	59	225	0	1	4	15	35	37	8
SAINT JOSEPH'S UNIVERSITY	Pennsylvania	267	63	204	0	4	16	34	31	14	1
EDINBORO UNIVERSITY OF PENNSYLVANIA	Pennsylvania	261	101	160	2	15	39	31	8	4	0
EAST STROUDSBURG UNIVERSITY OF PENN	Pennsylvania	248	61	187	0	10	41	32	13	4	0
KENT STATE UNIVERSITY	Ohio	247	76	171	0	2	25	38	23	11	0
UNIVERSITY OF SCRANTON	Pennsylvania	244	68	176	0	2	11	34	35	16	2
NEW YORK UNIVERSITY	New York	240	76	164	0	2	6	22	29	33	8
All Other Institutions		22,142	6,235	15,907	1	5	15	26	26	22	5
Total		41,483	12,444	29,039	1	4	16	27	27	20	5

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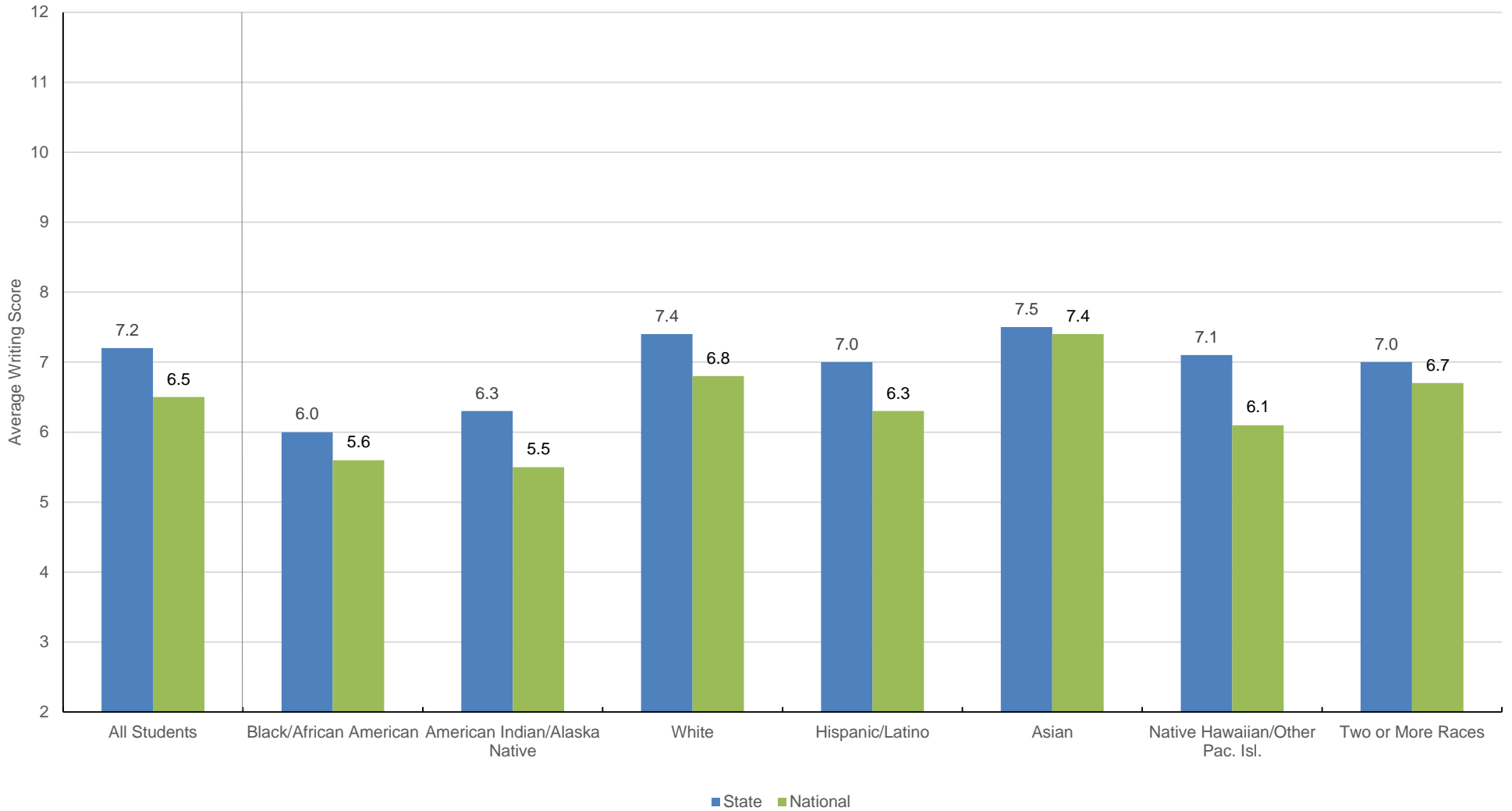
Section V

Optional Writing Test Results

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

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

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



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

Total Students in Report: 30,987

Table 5.1. Average ACT English Language Arts and Constituent Scores by Race/Ethnicity and Gender for Students Who Took ACT Writing¹

	N		Average ACT Scores							
			Writing		English		Reading		English Language Arts	
			State	National	State	National	State	National	State	National
All Students	19,533	1,090,621	7.2	6.5	24.3	20.9	25.0	22.0	23.1	20.2
Black/African American	1,831	125,357	6.0	5.6	17.6	16.2	18.6	17.7	17.3	16.0
American Indian/Alaska Native	26	7,357	6.3	5.5	18.5	15.9	20.0	17.9	18.3	16.0
White	13,377	525,822	7.4	6.8	25.2	22.8	25.9	23.8	23.8	21.8
Hispanic/Latino	939	218,012	7.0	6.3	22.4	18.1	23.3	19.7	21.6	18.1
Asian	1,363	72,490	7.5	7.4	25.6	24.5	25.4	24.7	24.0	23.3
Native Hawaiian/Other Pac. Isl.	16	4,270	7.1	6.1	22.8	17.5	23.2	18.8	21.7	17.5
Two or More Races	621	48,148	7.0	6.7	23.4	21.2	24.4	22.5	22.3	20.6
Prefer not/No Response	1,360	89,165	7.3	6.4	24.8	20.6	25.6	21.7	23.5	19.8
Males	8,598	496,038	7.1	6.3	24.4	20.6	25.1	21.8	23.0	19.8
Females	10,934	568,720	7.3	6.8	24.2	21.4	24.9	22.4	23.1	20.8
No Response	1	25,863	6.0	5.5	10.0	16.4	21.0	18.0	16.0	16.3

¹Results 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 Writing¹

	N		Average ACT Scores					
			English		Writing		English / Writing Combined	
			State	National	State	National	State	National
All Students	68	3,655	24.7	23.5	7.2	6.8	23.2	22.0
Black/African American	3	200	10.0	18.5	5.0	6.1	10.3	17.6
American Indian/Alaska Native	0	14	.	19.9	.	5.9	.	18.6
White	47	2,049	25.4	24.1	7.3	6.9	23.8	22.5
Hispanic/Latino	3	588	20.0	18.4	7.3	5.8	20.0	17.2
Asian	6	367	29.3	29.5	7.8	8.1	27.2	27.5
Native Hawaiian/Other Pac. Isl.	0	2	.	21.5	.	6.0	.	20.0
Two or More Races	1	123	26.0	24.6	5.0	6.9	22.0	22.8
Prefer not/No Response	8	312	24.4	25.5	7.1	6.9	23.0	23.5
Males	27	1,700	24.8	23.6	7.0	6.6	23.0	21.9
Females	41	1,955	24.7	23.5	7.4	6.9	23.3	22.0
No Response	0	0	.	.	.	.	.	.

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

