

# ACT Profile Report - State

Graduating Class 2013  
California



ACT, INC. -- CONFIDENTIAL





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This report provides information about the performance of your 2013 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2013. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

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, 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 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. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at [www.act.org/standard/infoserv.html](http://www.act.org/standard/infoserv.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 and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores, updated for 2013, are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23

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:** 107,243 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. 84% 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 3.2 reports 1% of the cohort took less than three years of math courses. Of these students, 19% were college ready. 11% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 64% 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 3.2 reports 11% of the cohort took less than three years of natural science courses. 28% of these students were college ready. In comparison, 43% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES:** Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 34% 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 Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

**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 319-337-1309 or [customerservices@act.org](mailto:customerservices@act.org).

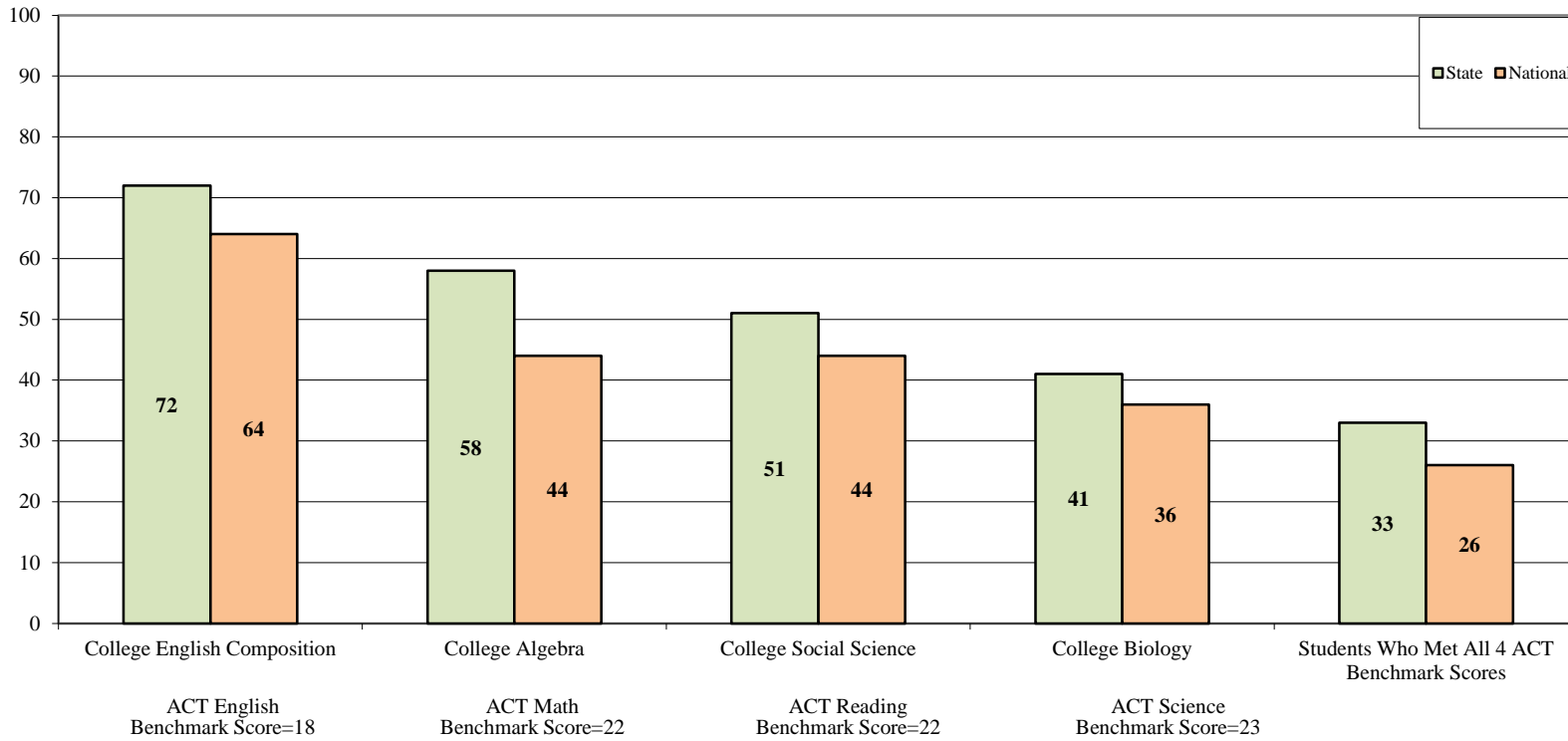
# Section I

## Executive Summary

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.

To find the results of only standard time or extended time test takers, refer to Tables 1.7 and 1.8 on page 10.

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



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 course.



Total Students in Report: 107,243

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2009	81,494	1,480,469	73	67	55	42	59	53	33	28	29	23
2010	90,371	1,568,835	73	66	57	43	58	52	35	29	31	24
2011	99,002	1,623,112	72	66	57	45	57	52	34	30	30	25
2012	103,024	1,666,017	72	67	58	46	58	52	35	31	31	25
<b>2013</b>	<b>107,243</b>	<b>1,799,243</b>	<b>72</b>	<b>64</b>	<b>58</b>	<b>44</b>	<b>51</b>	<b>44</b>	<b>41</b>	<b>36</b>	<b>33</b>	<b>26</b>

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

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2009	81,494	1,480,469	21.8	20.6	22.8	21.0	22.4	21.4	21.4	20.9	22.2	21.1
2010	90,371	1,568,835	21.7	20.5	22.9	21.0	22.3	21.3	21.5	20.9	22.2	21.0
2011	99,002	1,623,112	21.6	20.6	22.7	21.1	22.0	21.3	21.4	20.9	22.1	21.1
2012	103,024	1,666,017	21.6	20.5	22.8	21.1	22.1	21.3	21.5	20.9	22.1	21.1
<b>2013</b>	<b>107,243</b>	<b>1,799,243</b>	<b>21.6</b>	<b>20.2</b>	<b>22.8</b>	<b>20.9</b>	<b>22.3</b>	<b>21.1</b>	<b>21.5</b>	<b>20.7</b>	<b>22.2</b>	<b>20.9</b>

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

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
<b>2013</b>	<b>1,799,243</b>	<b>20.2</b>	<b>20.9</b>	<b>21.1</b>	<b>20.7</b>	<b>20.9</b>

Total Students in Report: 107,243

**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
2009	67,166	13,670	82	17	22.1	20.4	23.1	21.3	22.6	21.2	21.7	20.2	22.5	20.9
2010	75,375	14,566	83	16	22.0	20.2	23.2	21.3	22.5	21.0	21.8	20.2	22.5	20.8
2011	81,931	16,055	83	16	21.9	20.1	23.1	21.2	22.3	20.8	21.6	20.1	22.4	20.7
2012	86,373	15,752	84	15	21.8	20.2	23.1	21.3	22.3	20.9	21.7	20.2	22.4	20.8
<b>2013</b>	<b>89,625</b>	<b>16,830</b>	<b>84</b>	<b>16</b>	<b>21.9</b>	<b>20.2</b>	<b>23.1</b>	<b>21.3</b>	<b>22.5</b>	<b>21.0</b>	<b>21.8</b>	<b>20.2</b>	<b>22.4</b>	<b>20.8</b>

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

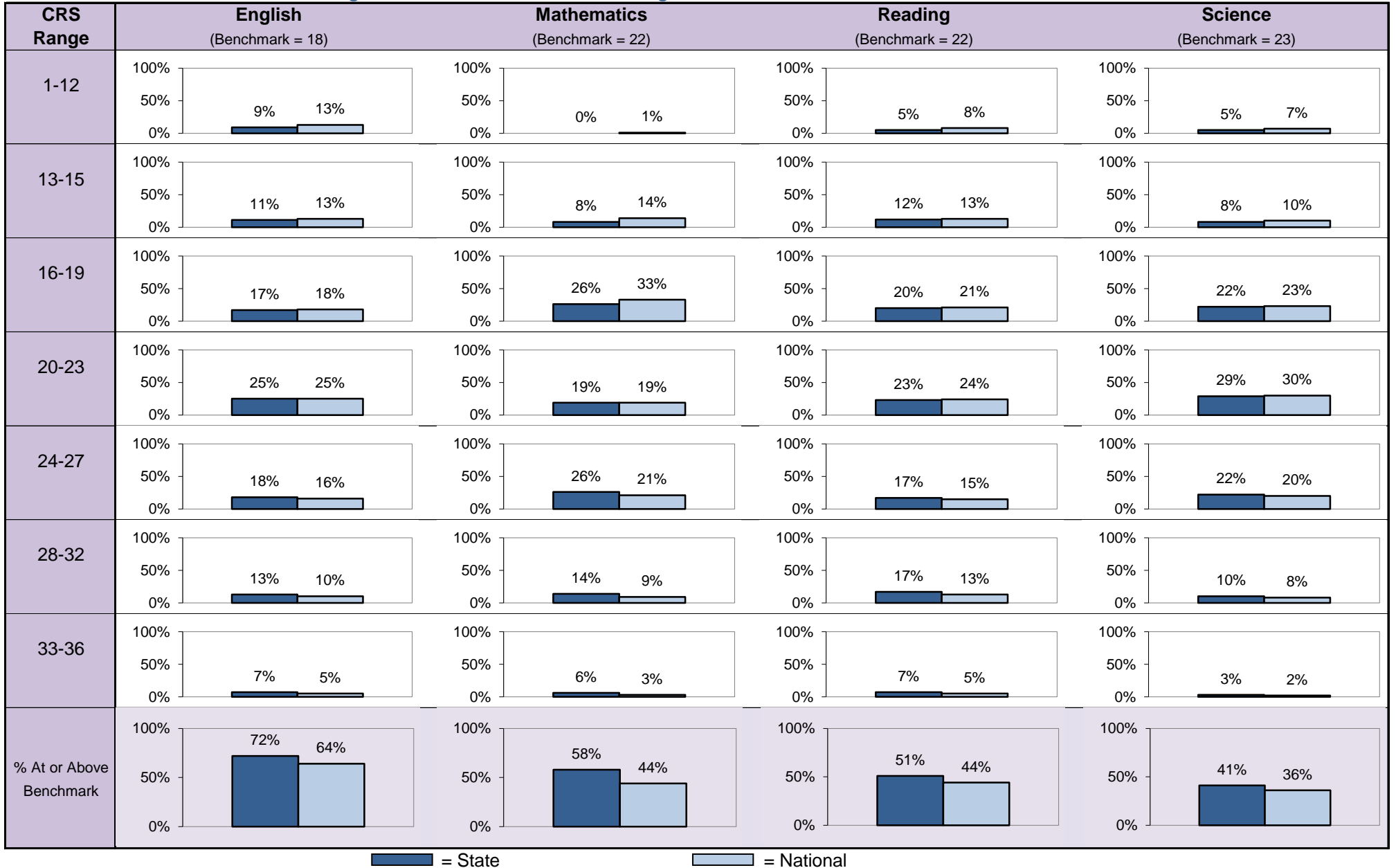
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>81,494</b>	<b>100</b>	<b>22.2</b>	<b>90,371</b>	<b>100</b>	<b>22.2</b>	<b>99,002</b>	<b>100</b>	<b>22.1</b>	<b>103,024</b>	<b>100</b>	<b>22.1</b>	<b>107,243</b>	<b>100</b>	<b>22.2</b>
Black/African American	5,434	7	18.3	5,767	6	18.4	5,901	6	18.3	5,588	5	18.4	5,562	5	18.5
American Indian/Alaska Native	395	0	21.5	423	0	21.9	372	0	21.4	317	0	20.5	255	0	21.4
White	28,568	35	24.4	30,307	34	24.6	30,902	31	24.7	30,112	29	24.6	31,225	29	24.8
Hispanic/Latino	21,824	27	19.1	26,334	29	19.0	34,461	35	19.0	38,170	37	19.3	40,708	38	19.4
Asian	13,359	16	24.0	15,224	17	24.2	15,136	15	24.3	15,346	15	24.4	15,329	14	24.4
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	567	1	20.6	1,051	1	21.2	1,029	1	21.4
Two or more races	3,361	4	23.3	3,923	4	23.5	4,118	4	23.6	5,099	5	23.8	5,195	5	23.9
Prefer not to respond/No response	8,553	10	22.5	8,393	9	22.1	7,545	8	22.7	7,341	7	23.6	7,940	7	23.8

Total Students in Report: 107,243

**Table 1.6. Percent of Students in College Readiness Standards Score Ranges**



Total Students in Report: 107,243

**Table 1.7. 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	105,960	99	21.6	22.8	22.2	21.5	22.2
	Extended Time	1,283	1	22.7	23.0	24.5	23.0	23.4
	Total	107,243	100	21.6	22.8	22.3	21.5	22.2
National	Standard Time	1,727,041	96	20.4	21.0	21.3	20.9	21.0
	Extended Time	72,202	4	15.9	17.7	18.1	17.9	17.5
	Total	1,799,243	100	20.2	20.9	21.1	20.7	20.9

**Table 1.8. 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	72	58	51	41	33
	Extended Time	78	57	66	52	43
	Total	72	58	51	41	33
National	Standard Time	65	45	45	37	27
	Extended Time	35	20	28	20	13
	Total	64	44	44	36	26

# 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: 107,243

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	540	100	900	100	1,297	100	757	100	100	100	36
35	1,731	99	1,571	99	781	99	1,032	99	679	100	35
34	2,264	98	2,497	98	2,553	98	803	98	1,231	99	34
33	2,824	96	1,772	95	2,856	96	660	98	1,728	98	33
32	2,156	93	2,094	94	3,057	93	1,534	97	2,166	97	32
31	2,425	91	1,836	92	4,658	90	1,803	96	2,770	94	31
30	2,865	89	2,870	90	3,216	86	2,173	94	3,260	92	30
29	2,750	86	3,416	87	3,410	83	2,579	92	3,763	89	29
28	3,779	84	5,293	84	3,506	80	2,925	89	4,342	85	28
27	3,332	80	6,285	79	3,683	76	3,645	87	4,920	81	27
26	4,831	77	7,456	73	3,833	73	4,164	83	5,658	77	26
25	5,446	72	7,312	66	4,014	69	7,831	79	6,046	71	25
24	6,205	67	7,074	60	7,080	66	8,345	72	6,534	66	24
23	6,203	62	6,375	53	4,584	59	5,861	64	6,743	60	23
22	6,034	56	5,176	47	6,100	55	8,621	59	7,067	53	22
21	7,211	50	4,848	42	7,527	49	9,354	51	6,874	47	21
20	7,497	43	3,487	38	5,937	42	6,992	42	6,676	40	20
19	4,687	37	5,315	34	5,824	37	7,487	36	6,438	34	19
18	4,261	32	5,392	30	6,325	31	7,197	29	6,011	28	18
17	3,840	28	8,152	24	4,308	25	4,488	22	5,708	23	17
16	5,127	25	8,730	17	4,700	21	4,473	18	5,253	17	16
15	5,203	20	5,730	9	5,446	17	3,590	14	4,585	12	15
14	4,072	15	2,266	3	3,475	12	2,944	10	3,750	8	14
13	2,721	11	861	1	3,857	8	2,526	7	2,505	5	13
12	2,397	9	318	1	2,353	5	1,926	5	1,426	2	12
11	2,049	6	140	1	1,475	3	1,675	3	644	1	11
10	2,016	4	32	1	777	1	876	2	223	1	10
9	1,172	3	16	1	285	1	576	1	94	1	9
8	942	1	13	1	45	1	164	1	37	1	8
7	419	1	6	1	123	1	85	1	7	1	7
6	143	1	6	1	99	1	91	1	3	1	6
5	73	1	0	1	30	1	42	1	1	1	5
4	19	1	1	1	15	1	3	1	1	1	4
3	8	1	1	1	8	1	16	1	0	1	3
2	1	1	0	1	6	1	0	1	0	1	2
1	0	1	2	1	0	1	5	1	0	1	1
Avg (SD)	21.6 (6.6)		22.8 (5.7)		22.3 (6.4)		21.5 (5.5)		22.2 (5.5)		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.

Total Students in Report: 107,243

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subscore Averages**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	5,227	100	2,695	100	3,797	100	4,944	100	7,981	100	1,750	100	2,294	100	18
17	7,480	95	1,299	97	6,964	96	6,452	95	6,895	93	2,934	98	736	98	17
16	5,858	88	6,994	96	7,092	90	7,715	89	6,220	86	4,502	96	7,225	97	16
15	5,357	83	8,170	90	6,730	83	8,004	82	9,105	80	10,203	91	9,297	90	15
14	6,605	78	8,753	82	6,348	77	8,169	75	7,738	72	12,014	82	10,300	82	14
13	6,797	72	9,369	74	9,118	71	8,114	67	9,760	65	14,868	71	10,025	72	13
12	7,970	65	13,242	65	12,048	63	8,305	60	10,053	56	11,279	57	15,715	63	12
11	10,937	58	9,526	53	9,226	51	10,969	52	10,768	46	11,960	46	8,968	48	11
10	10,907	48	10,350	44	9,218	43	8,634	42	7,582	36	13,423	35	9,375	40	10
9	9,947	37	10,631	34	8,606	34	7,672	34	6,596	29	8,398	23	12,887	31	9
8	7,501	28	8,958	24	8,463	26	9,296	26	8,981	23	7,218	15	7,673	19	8
7	7,177	21	5,076	16	9,871	18	6,730	18	9,319	15	3,773	8	4,962	12	7
6	5,271	14	4,641	11	4,921	9	4,924	11	3,760	6	2,800	5	3,844	7	6
5	4,972	10	3,766	7	2,498	5	4,800	7	1,416	2	792	2	747	4	5
4	2,618	5	2,379	4	1,363	2	1,601	2	757	1	643	1	1,880	3	4
3	1,718	2	1,142	1	368	1	615	1	238	1	335	1	314	1	3
2	798	1	230	1	439	1	273	1	68	1	97	1	699	1	2
1	103	1	22	1	173	1	26	1	6	1	254	1	302	1	1
Avg (SD)	11.0 (4.0)		11.0 (3.5)		11.3 (3.7)		11.4 (3.8)		11.9 (3.7)		11.7 (3.0)		11.3 (3.3)		Avg (SD)

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

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	26	27	27	25	26
Q2 (50th Percentile)	21	23	22	21	22
Q1 (25th Percentile)	17	18	17	18	18

Total Students in Report: 107,243

**Table 2.4. 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	<b>All Students</b>	<b>107,243</b>	<b>84</b>	<b>22.4</b>	<b>20.8</b>
	Black/African American	5,562	81	18.6	17.6
	American Indian/Alaska Native	255	83	21.9	19.0
	White	31,225	85	25.0	23.7
	Hispanic/Latino	40,708	81	19.6	18.5
	Asian	15,329	88	24.5	23.4
	Native Hawaiian/Other Pac. Isl.	1,029	86	21.6	20.4
	Two or more races	5,195	85	24.0	23.2
	Prefer not/No Response	7,940	82	24.1	22.3
National	<b>All Students</b>	<b>1,799,243</b>	<b>74</b>	<b>21.7</b>	<b>18.7</b>
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

<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 Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	21.6	22.8	22.3	21.5	22.2
	Black/African American	17.8	18.8	18.7	18.0	18.5
	American Indian/Alaska Native	20.9	21.8	21.6	20.8	21.4
	White	24.8	24.9	25.1	23.9	24.8
	Hispanic/Latino	18.4	20.1	19.5	19.0	19.4
	Asian	23.6	26.1	23.8	23.6	24.4
	Native Hawaiian/Other Pac. Isl.	20.9	22.3	21.1	21.0	21.4
	Two or more races	23.8	24.2	24.1	23.0	23.9
	Prefer not/No Response	23.5	24.2	24.0	22.9	23.8
National	<b>All Students</b>	20.2	20.9	21.1	20.7	20.9
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7



Total Students in Report: 107,243

**Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges**

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	7,359	7	6,740	6	7,487	7	3,252	3
	28 to 32	13,975	13	15,509	14	17,847	17	11,014	10
	24 to 27	19,814	18	28,127	26	18,610	17	23,985	22
	20 to 23	26,945	25	19,886	19	24,148	23	30,828	29
	16 to 19	17,915	17	27,589	26	21,157	20	23,645	22
	13 to 15	11,996	11	8,857	8	12,778	12	9,060	8
	01 to 12	9,239	9	535	0	5,216	5	5,459	5
National	33 to 36	81,846	5	51,648	3	89,731	5	36,033	2
	28 to 32	175,672	10	156,561	9	239,643	13	138,865	8
	24 to 27	291,095	16	385,102	21	277,723	15	364,600	20
	20 to 23	447,398	25	343,822	19	424,936	24	542,531	30
	16 to 19	327,718	18	590,816	33	384,706	21	413,107	23
	13 to 15	242,064	13	258,384	14	240,069	13	183,840	10
	01 to 12	233,450	13	12,910	1	142,435	8	120,267	7

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	44,719	42	21.9	24.0	22.6	22.6	22.9
	Females	62,524	58	21.5	21.9	22.0	20.8	21.7
	Missing	0	0	.	.	.	.	.
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

**Table 2.8. 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	73	66	53	50	40
	Females	71	52	49	35	29
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 107,243

**Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	89,625	74	21.9	60	23.1	52	22.5	43	21.8	35	22.4
	Less than Core	16,830	63	20.2	46	21.3	43	21.0	32	20.2	25	20.8
	Missing <sup>3</sup>	788	68	21.2	50	22.1	53	22.3	42	21.7	34	22.0
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	10	17.4

<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 CRB% results reflect students who met all four subject-area benchmarks.

**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	105,341	72	21.7	105,057	58	22.9	101,806	51	22.3	95,080	43	21.7
	Less than Core	1,154	55	19.0	1,436	19	17.9	4,688	50	22.2	11,391	28	19.8
	Missing <sup>3</sup>	748	70	21.4	750	51	22.3	749	54	22.6	772	43	21.8
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

<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.

# Section III

## College 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 Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

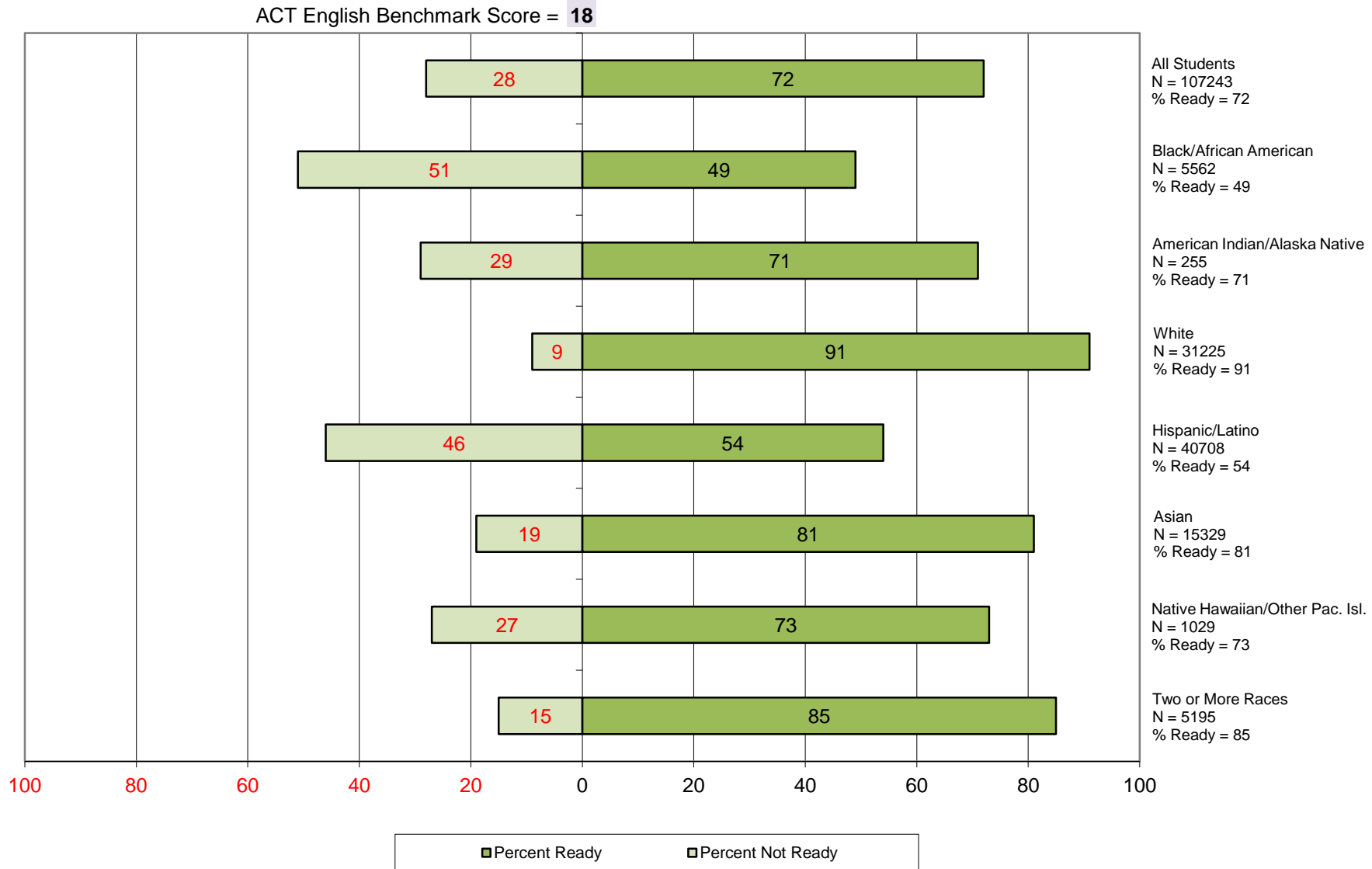


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

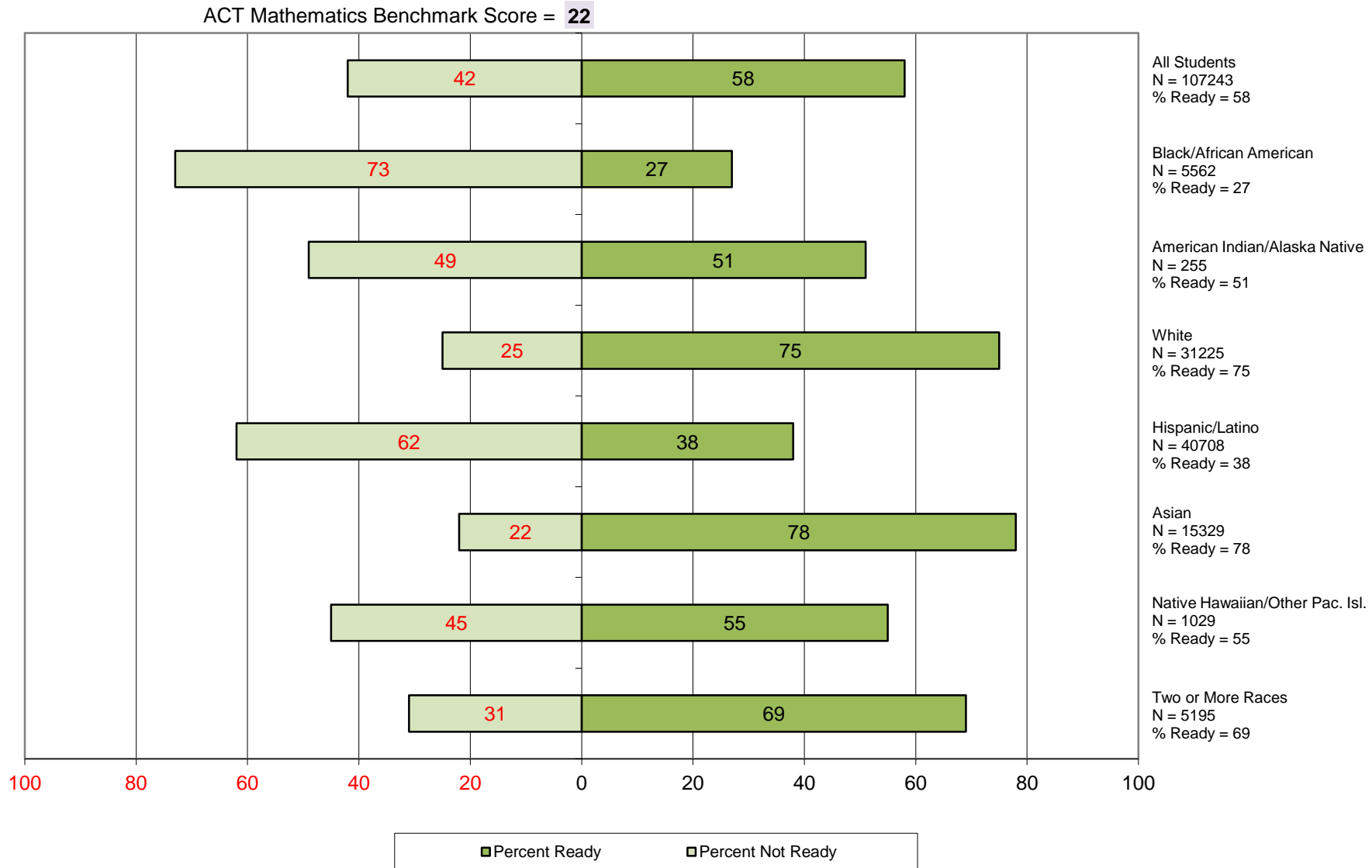


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

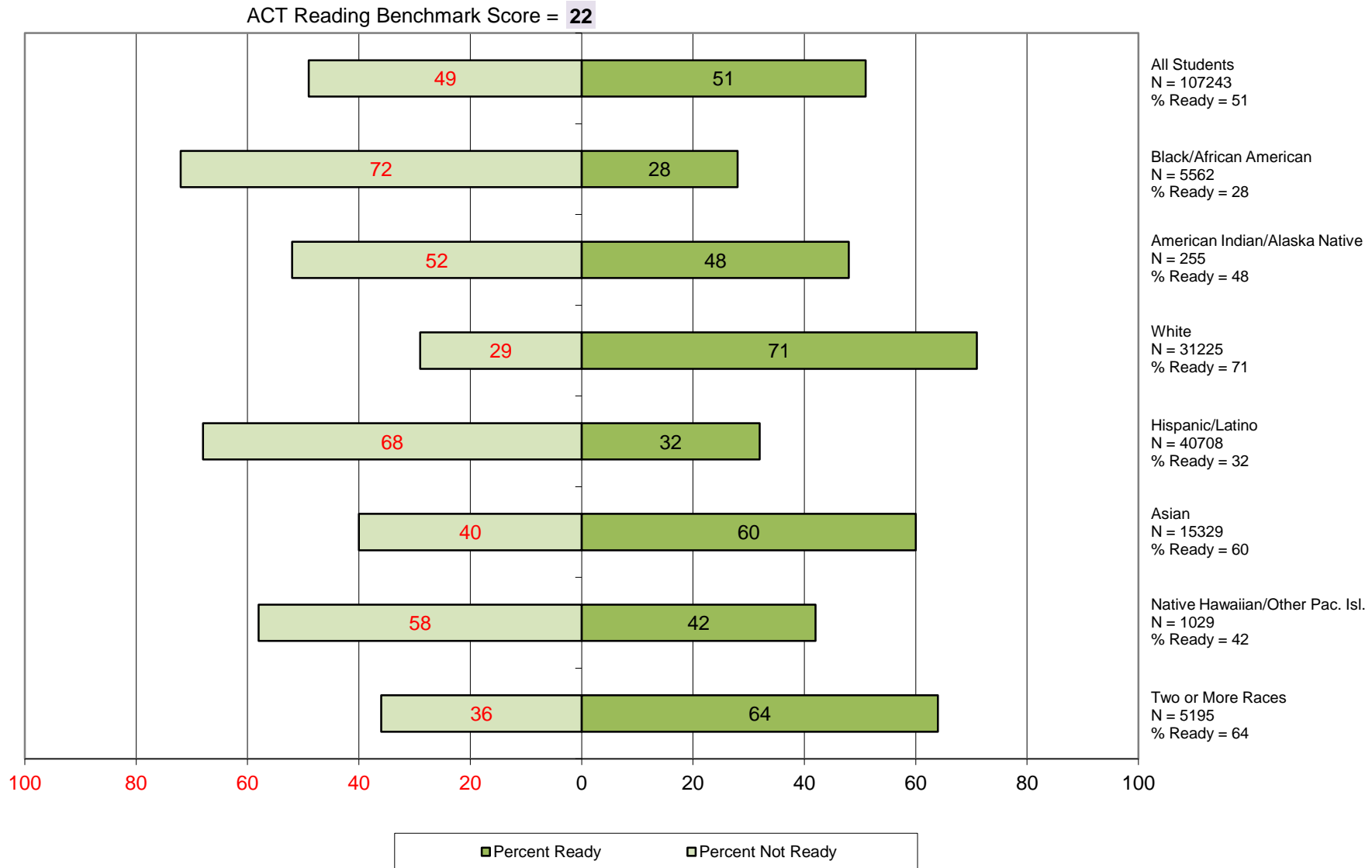


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

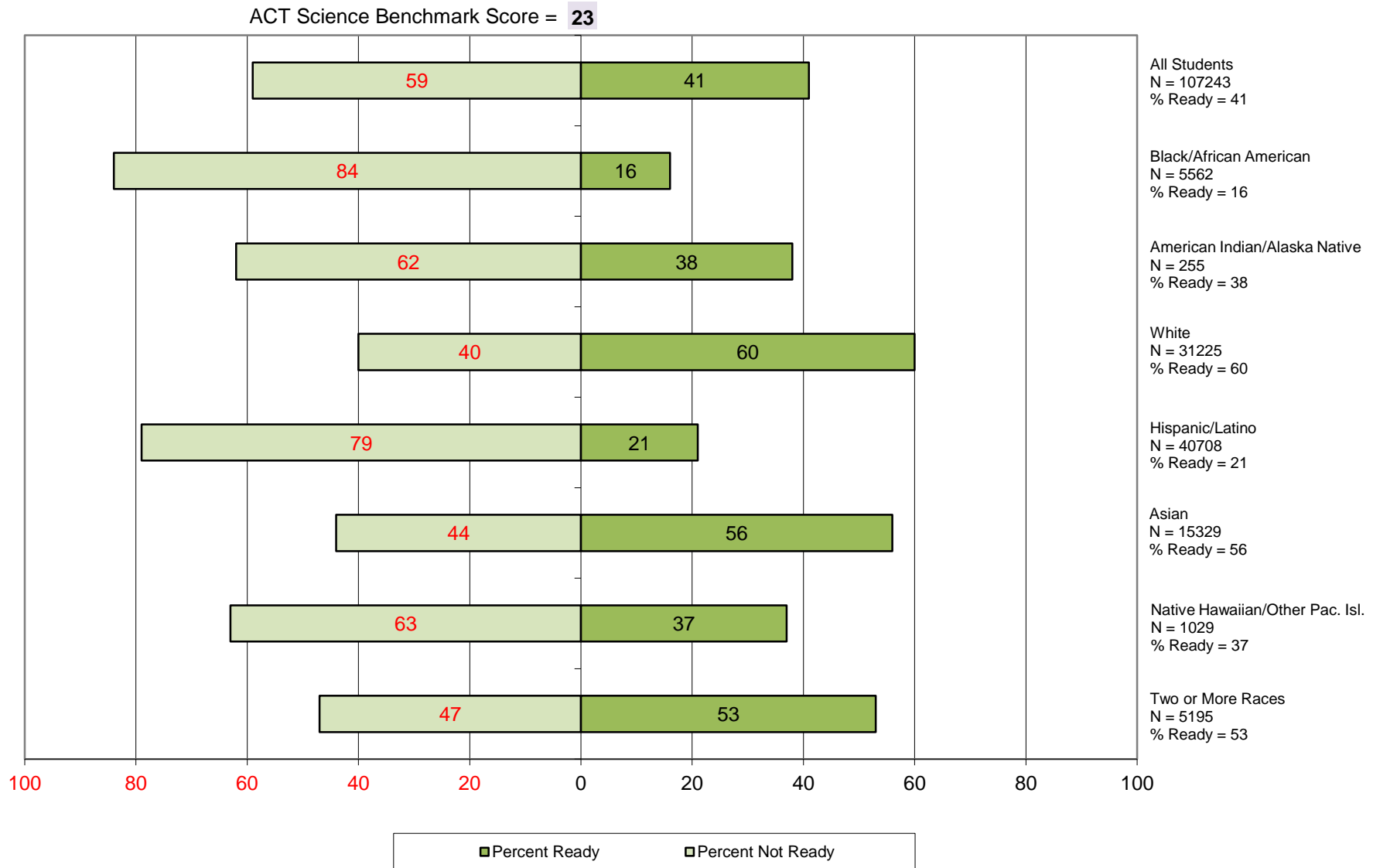
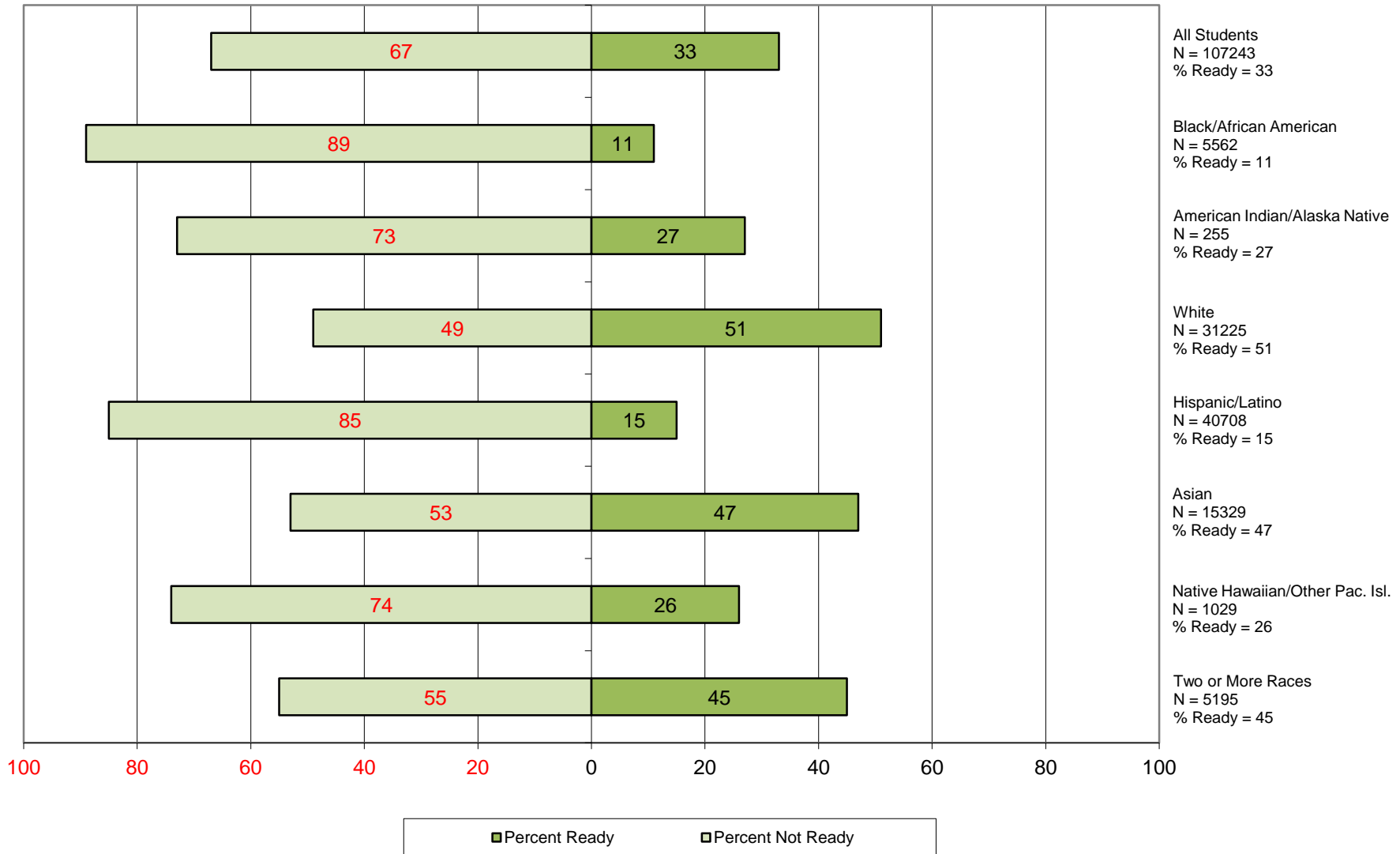


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 107,243

**Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns**

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	16,592	15	21.3	2.3	7,017	16	21.4	1.8	9,575	15	21.3	2.8
Eng 9, Eng 10, Eng 11, Eng 12	88,749	83	21.7	2.7	36,765	82	22.0	2.4	51,984	83	21.5	3.0
Less than 4 years of English	1,154	1	19.0	-	500	1	19.6	-	654	1	18.5	-
Zero years / no English courses reported	748	1	21.4	-	437	1	21.1	-	311	0	21.9	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	10,767	10	25.1	7.2	4,733	11	25.9	7.4	6,034	10	24.4	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	10,703	10	22.8	4.9	3,698	8	23.6	5.1	7,005	11	22.4	5.0
Alg 1, Alg 2, Geom, & Trig	7,397	7	19.6	1.7	2,765	6	20.3	1.8	4,632	7	19.1	1.7
Alg 1, Alg 2, Geom, & Other Adv Math	15,277	14	20.6	2.7	5,242	12	21.4	2.9	10,035	16	20.1	2.7
Other comb of 4 or more years of Math	44,748	42	25.3	7.4	21,258	48	26.3	7.8	23,490	38	24.3	6.9
Alg 1, Alg 2, & Geom	11,828	11	17.5	-0.4	4,188	9	18.1	-0.4	7,640	12	17.2	-0.2
Other comb of 3 or 3.5 years of Math	4,337	4	21.7	3.8	1,789	4	22.6	4.1	2,548	4	21.1	3.7
Less than 3 years of Math	1,436	1	17.9	-	609	1	18.5	-	827	1	17.4	-
Zero years / no Math courses reported	750	1	22.3	-	437	1	22.6	-	313	1	21.7	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,818	2	24.3	2.1	871	2	24.2	1.6	947	2	24.3	2.4
Other comb of 4 or more years Social Science	58,270	54	22.6	0.4	23,640	53	22.9	0.3	34,630	55	22.4	0.5
US Hist, World Hist, & Am Gov	3,529	3	20.7	-1.5	1,609	4	21.1	-1.5	1,920	3	20.4	-1.5
Other comb of 3 or 3.5 years of Social Science	38,189	36	21.8	-0.4	16,025	36	22.2	-0.4	22,164	35	21.5	-0.4
Less than 3 years of Social Science	4,688	4	22.2	-	2,135	5	22.6	-	2,553	4	21.9	-
Zero years / no Social Science courses reported	749	1	22.6	-	439	1	22.6	-	310	0	22.5	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	47,560	44	22.3	2.5	22,266	50	23.4	3.0	25,294	40	21.4	1.9
Bio, Chem, Phys	16,830	16	22.9	3.1	7,847	18	24.0	3.6	8,983	14	21.8	2.3
Gen Sci <sup>2</sup> , Bio, Chem	28,299	26	20.2	0.4	9,107	20	20.7	0.3	19,192	31	19.9	0.4
Other comb of 3 years of Natural Science	2,391	2	20.4	0.6	1,168	3	21.3	0.9	1,223	2	19.6	0.1
Less than 3 years of Natural Science	11,391	11	19.8	-	3,882	9	20.4	-	7,509	12	19.5	-
Zero years / no Natural Science courses reported	772	1	21.8	-	449	1	22.5	-	323	1	20.9	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

<sup>2</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 107,243

**Table 3.2. College Readiness Percents 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	16,592	15	21.3	69	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	88,749	83	21.7	73	1,265,911	70	20.3	65
Less than 4 years of English	1,154	1	19.0	55	84,048	5	15.9	36
Zero years / no English courses reported	748	1	21.4	70	68,909	4	16.4	38
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	10,767	10	25.1	76	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	10,703	10	22.8	63	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	7,397	7	19.6	33	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	15,277	14	20.6	42	336,291	19	19.6	32
Other comb of 4 or more years of Math	44,748	42	25.3	75	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	11,828	11	17.5	14	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	4,337	4	21.7	51	88,866	5	19.7	34
Less than 3 years of Math	1,436	1	17.9	19	77,906	4	16.3	7
Zero years / no Math courses reported	750	1	22.3	51	72,640	4	17.9	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,818	2	24.3	65	50,989	3	22.2	51
Other comb of 4 or more years Social Science	58,270	54	22.6	53	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	3,529	3	20.7	41	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	38,189	36	21.8	47	489,586	27	21.0	43
Less than 3 years of Social Science	4,688	4	22.2	50	171,617	10	19.1	32
Zero years / no Social Science courses reported	749	1	22.6	54	72,636	4	17.7	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	47,560	44	22.3	48	767,293	43	21.9	46
Bio, Chem, Phys	16,830	16	22.9	51	183,685	10	23.0	54
Gen Sci <sup>1</sup> , Bio, Chem	28,299	26	20.2	30	504,165	28	19.9	28
Other comb of 3 years of Natural Science	2,391	2	20.4	32	51,822	3	19.1	25
Less than 3 years of Natural Science	11,391	11	19.8	28	218,267	12	18.0	17
Zero years / no Natural Science courses reported	772	1	21.8	43	74,011	4	17.8	18

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

# 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.

Total Students in Report: 107,243

**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 <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	1,066	1	22.1	10	1	18.4	941	1	22.2
Architecture	1,489	1	21.4	15	2	17.4	1,274	1	21.5
Area, Ethnic, & Multidisciplinary Studies	214	0	22.0	0	0	.	190	0	22.0
Arts: Visual & Performing	5,935	6	21.0	81	9	16.3	5,101	6	21.2
Business	10,821	10	22.0	202	21	17.6	9,213	10	22.1
Communications	2,809	3	22.0	17	2	17.4	2,463	3	22.1
Community, Family, & Personal Services	1,793	2	18.4	45	5	17.1	1,551	2	18.5
Computer Science & Mathematics	2,731	3	24.4	26	3	18.3	2,324	3	24.5
Education	3,070	3	20.5	26	3	17.7	2,707	3	20.6
Engineering	9,699	9	24.5	47	5	17.5	8,451	9	24.6
Engineering Technology & Drafting	1,248	1	20.5	34	4	16.7	1,045	1	20.9
English & Foreign Languages	1,652	2	23.8	6	1	17.7	1,468	2	23.8
Health Administration & Assisting	3,993	4	18.1	74	8	15.9	3,361	4	18.3
Health Sciences & Technologies	15,473	14	21.8	69	7	17.3	13,858	15	21.9
Philosophy, Religion, & Theology	445	0	21.3	5	1	19.2	388	0	21.4
Repair, Production, & Construction	155	0	17.9	23	2	16.3	105	0	18.5
Sciences: Biological & Physical	11,855	11	24.0	18	2	19.8	10,551	12	24.0
Social Sciences & Law	10,999	10	21.5	49	5	16.6	9,593	11	21.6
Undecided	21,086	20	22.3	204	21	17.4	15,516	17	22.6
No Response	709	1	22.5	1	0	11.0	169	0	23.2

<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: 107,243

**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	398	18.0	36	14.9	5	15.0	68	20.2	175	16.3
2-yr College Degree	554	16.6	32	15.1	5	15.0	67	20.5	341	15.5
Bachelors Degree	39,544	20.6	2,093	17.0	91	20.1	12,450	23.2	16,012	18.4
Graduate Study	22,165	24.0	972	19.9	60	23.5	8,052	25.9	6,861	21.2
Prof. Level Degree	28,561	23.4	1,656	20.0	67	23.1	6,784	26.3	11,210	20.6
Other	1,374	19.2	73	16.5	2	19.5	254	23.3	654	16.9
No Response	14,647	22.0	700	17.8	25	19.6	3,550	25.3	5,455	18.2

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	398	18.0	70	21.9	7	17.1	9	21.3	28	17.7
2-yr College Degree	554	16.6	52	18.6	8	16.8	20	20.4	29	17.1
Bachelors Degree	39,544	20.6	4,483	21.9	412	20.2	1,898	22.4	2,105	21.4
Graduate Study	22,165	24.0	3,238	25.5	193	22.8	1,221	24.9	1,568	25.2
Prof. Level Degree	28,561	23.4	4,876	25.8	266	22.7	1,455	25.1	2,247	25.3
Other	1,374	19.2	199	20.9	16	18.3	52	22.8	124	19.9
No Response	14,647	22.0	2,411	25.1	127	21.6	540	24.0	1,839	23.9

Total Students in Report: 107,243

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	7,075	2,183	4,892	1	7	17	25	26	20	4
SAN DIEGO STATE UNIVERSITY	California	5,824	1,840	3,984	2	10	27	33	21	6	0
CALIFORNIA STATE UNIV-LONG BEACH	California	5,765	1,523	4,242	3	15	33	29	15	4	0
UNIVERSITY OF CALIFORNIA-DAVIS	California	5,459	1,797	3,662	1	5	17	28	28	19	2
UNIVERSITY OF CALIFORNIA-IRVINE	California	5,079	1,333	3,746	1	6	21	30	28	13	1
UNIVERSITY OF CALIFORNIA-SANTA BARBARA	California	4,828	1,146	3,682	1	7	20	28	28	15	1
UNIVERSITY OF CALIFORNIA-BERKELEY	California	4,760	1,409	3,351	1	4	15	23	27	24	7
CALIFORNIA POLYTECHNIC ST U-SAN LUIS OB	California	4,381	1,626	2,755	0	2	11	25	35	24	3
UNIVERSITY OF SOUTHERN CALIFORNIA	California	4,082	1,052	3,030	1	7	17	25	26	20	4
CALIFORNIA STATE UNIV-FULLERTON	California	4,042	1,227	2,815	2	14	35	32	13	4	0
UNIVERSITY OF CALIFORNIA-SAN DIEGO	California	3,514	813	2,701	1	3	12	25	31	24	4
STANFORD UNIVERSITY	California	3,164	1,195	1,969	1	3	10	19	26	32	11
CALIFORNIA STATE UNIV-LOS ANGELES	California	3,058	907	2,151	8	24	38	22	7	2	0
UNIVERSITY OF SAN DIEGO	California	2,978	612	2,366	1	6	21	31	27	12	1
UNIVERSITY OF CALIFORNIA-RIVERSIDE	California	2,973	665	2,308	2	11	31	33	17	5	0
SAN FRANCISCO STATE UNIVERSITY	California	2,967	884	2,083	3	15	33	30	15	4	0
CALIFORNIA STATE UNIV-SACRAMENTO	California	2,906	1,018	1,888	3	17	35	28	13	3	0
CALIFORNIA STATE UNIV-FRESNO	California	2,636	1,113	1,523	5	22	35	25	10	3	0
UNIVERSITY OF CALIFORNIA-SANTA CRUZ	California	2,573	591	1,982	1	7	23	28	27	13	1
CALIFORNIA STATE POLYTECH UNIV-POMONA	California	2,484	639	1,845	2	12	27	31	20	8	0
SAN JOSE STATE UNIVERSITY	California	2,472	636	1,836	2	15	33	29	16	5	0
CALIFORNIA STATE UNIV-NORTHRIDGE	California	2,449	742	1,707	6	22	36	24	9	2	0
CALIFORNIA STATE UNIV-CHICO	California	2,170	555	1,615	3	12	31	32	18	4	0
NCAA ELIGIBILITY CENTER	Indiana	1,513	908	605	2	9	24	29	23	12	2
CALIFORNIA STATE UNIV-SAN BERNARDINO	California	1,504	528	976	4	21	42	24	7	2	0
UNIVERSITY OF SAN FRANCISCO	California	1,412	277	1,135	1	8	23	31	26	11	0
UNIVERSITY OF CALIFORNIA-MERCED	California	1,381	256	1,125	3	15	34	31	13	4	0
UNIVERSITY OF THE PACIFIC	California	1,365	399	966	1	5	18	31	29	16	1
LOYOLA MARYMOUNT UNIVERSITY	California	1,300	349	951	1	8	17	29	29	15	1
CALIFORNIA STATE UNIV-SAN MARCOS	California	1,226	338	888	3	14	37	30	14	2	0
All Other Institutions		61,350	17,121	44,229	2	9	21	26	23	16	3
<b>Total</b>		<b>158,690</b>	<b>45,682</b>	<b>113,008</b>	<b>2</b>	<b>10</b>	<b>23</b>	<b>27</b>	<b>22</b>	<b>14</b>	<b>2</b>

# 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: 107,243

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing**

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>94,086</b>	<b>942,769</b>	<b>22.0</b>	<b>21.3</b>	<b>7.5</b>	<b>7.0</b>	<b>21.5</b>	<b>20.5</b>
Black/African American	4,588	114,751	18.1	16.3	6.9	6.1	18.1	16.0
American Indian/Alaska Native	220	6,031	21.0	16.8	7.3	6.1	20.6	16.4
White	26,358	518,407	25.4	22.9	7.8	7.2	24.3	21.9
Hispanic/Latino	36,200	151,504	18.5	18.6	7.2	6.8	18.8	18.3
Asian	14,291	54,580	23.9	23.5	7.7	7.6	23.1	22.7
Native Hawaiian/Other Pac. Isl.	900	2,812	21.2	19.5	7.4	6.9	20.8	19.2
Two or more races	4,504	35,355	24.2	21.5	7.7	7.0	23.3	20.6
Prefer not/No Response	7,025	59,329	24.0	21.8	7.7	7.1	23.2	20.9
Males	38,639	423,104	22.3	21.0	7.4	6.7	21.7	20.1
Females	55,447	513,945	21.7	21.6	7.6	7.2	21.4	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5





