

ACT Profile Report - State

Graduating Class 2014

California



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This report provides information about the performance of your 2014 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 2014. 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.

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 in August of 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

How to Improve Scores and Increase College Readiness

34% 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: 113,732 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, 20% were college ready. 11% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 13% of these students were college ready. In comparison, 63% 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. 30% of these students were college ready. In comparison, 45% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 36% 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.

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.

Section I

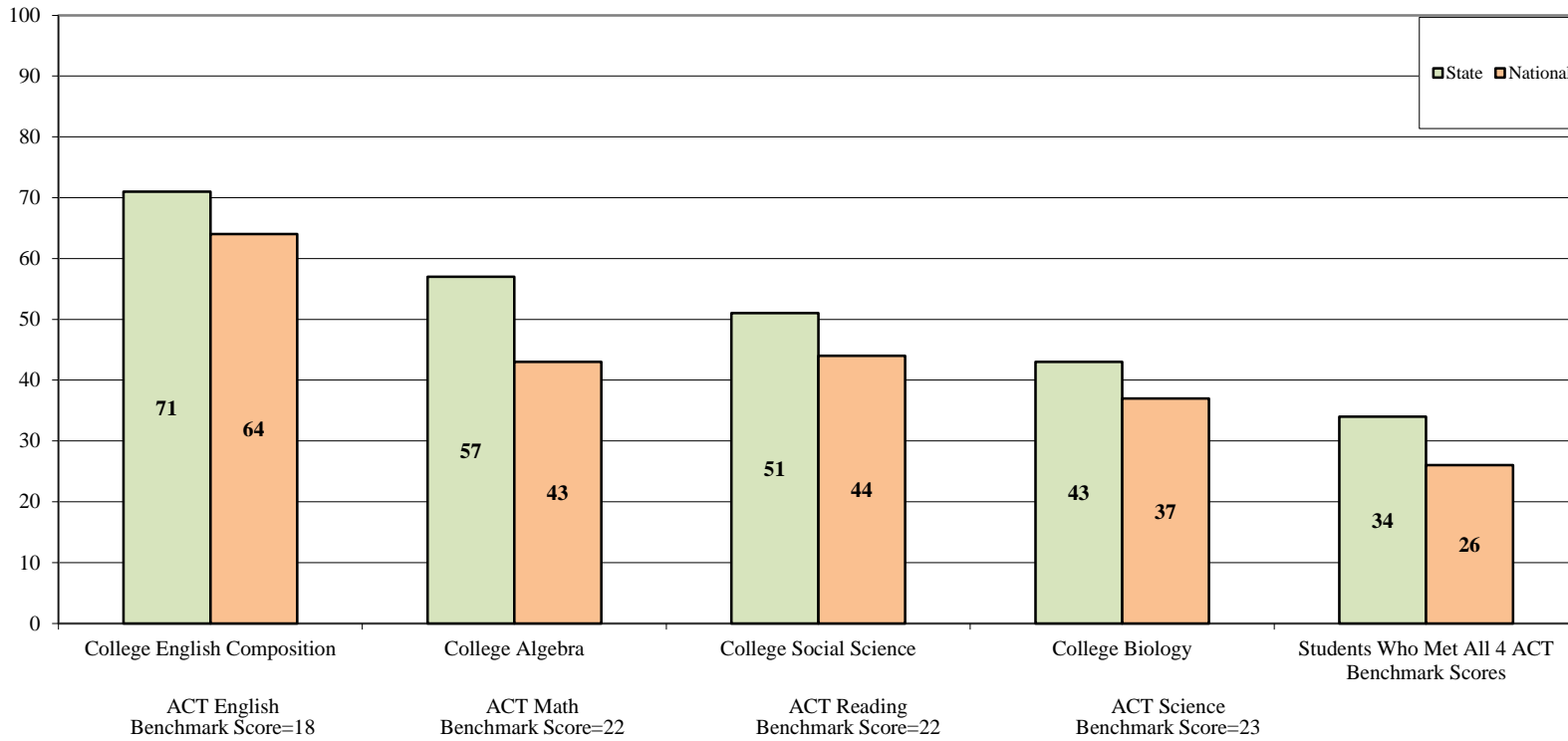
Executive Summary

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 1.7 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: 113,732

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
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
2013	107,243	1,799,243	72	64	58	44	51	44	41	36	33	26
2014	113,732	1,845,787	71	64	57	43	51	44	43	37	34	26

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
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
2013	107,243	1,799,243	21.6	20.2	22.8	20.9	22.3	21.1	21.5	20.7	22.2	20.9
2014	113,732	1,845,787	21.8	20.3	22.8	20.9	22.3	21.3	21.7	20.8	22.3	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
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
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

Total Students in Report: 113,732

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
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
2013	89,625	16,830	84	16	21.9	20.2	23.1	21.3	22.5	21.0	21.8	20.2	22.4	20.8
2014	94,986	18,008	84	16	22.1	20.2	23.0	21.3	22.6	21.1	22.0	20.4	22.6	20.9

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.

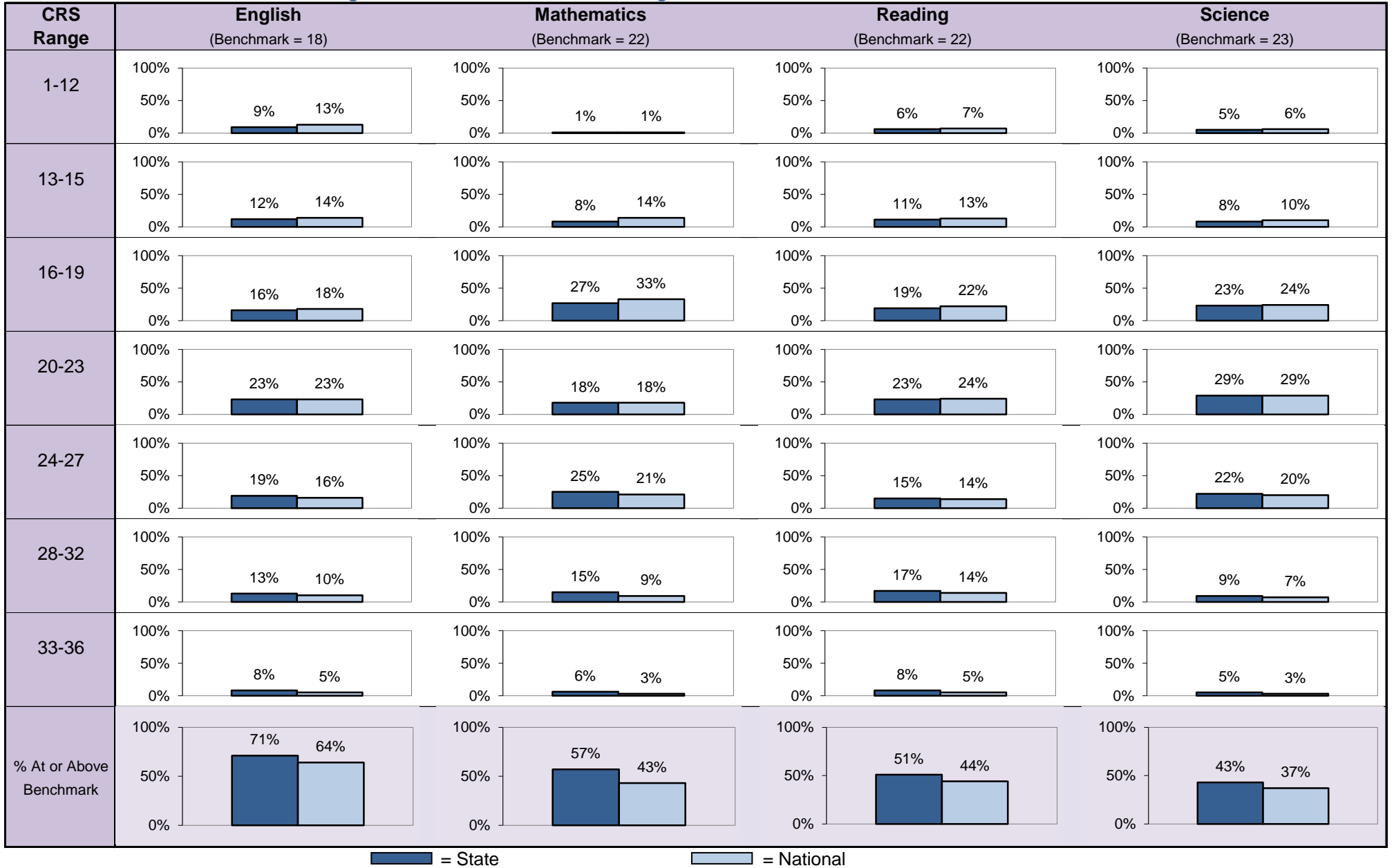
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	90,371	100	22.2	99,002	100	22.1	103,024	100	22.1	107,243	100	22.2	113,732	100	22.3
Black/African American	5,767	6	18.4	5,901	6	18.3	5,588	5	18.4	5,562	5	18.5	5,513	5	18.6
American Indian/Alaska Native	423	0	21.9	372	0	21.4	317	0	20.5	255	0	21.4	311	0	20.4
White	30,307	34	24.6	30,902	31	24.7	30,112	29	24.6	31,225	29	24.8	32,060	28	25.0
Hispanic/Latino	26,334	29	19.0	34,461	35	19.0	38,170	37	19.3	40,708	38	19.4	43,974	39	19.4
Asian	15,224	17	24.2	15,136	15	24.3	15,346	15	24.4	15,329	14	24.4	16,953	15	24.6
Native Hawaiian/Other Pacific Islander	0	0	.	567	1	20.6	1,051	1	21.2	1,029	1	21.4	1,005	1	21.2
Two or more races	3,923	4	23.5	4,118	4	23.6	5,099	5	23.8	5,195	5	23.9	5,680	5	23.9
Prefer not to respond/No response	8,393	9	22.1	7,545	8	22.7	7,341	7	23.6	7,940	7	23.8	8,236	7	24.0

Total Students in Report: 113,732

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



Total Students in Report: 113,732

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	112,285	99	21.8	22.8	22.3	21.7	22.3
	Extended Time	1,447	1	23.1	22.9	24.8	23.3	23.7
	Total	113,732	100	21.8	22.8	22.3	21.7	22.3
National	Standard Time	1,769,033	96	20.5	21.0	21.4	20.9	21.1
	Extended Time	76,754	4	16.2	17.8	18.5	18.1	17.8
	Total	1,845,787	100	20.3	20.9	21.3	20.8	21.0

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	71	57	50	43	34
	Extended Time	78	58	67	54	46
	Total	71	57	51	43	34
National	Standard Time	65	44	45	37	27
	Extended Time	37	21	30	21	15
	Total	64	43	44	37	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: 113,732

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	601	100	809	100	1,144	100	1,352	100	196	100	36
35	2,697	99	1,993	99	1,389	99	1,324	99	970	100	35
34	3,053	97	2,386	98	2,820	98	1,691	98	1,704	99	34
33	2,800	94	2,156	95	3,299	95	1,298	96	2,135	97	33
32	2,372	92	1,958	94	4,436	92	1,399	95	2,461	96	32
31	2,374	90	2,104	92	4,046	88	2,331	94	2,980	93	31
30	3,486	88	3,097	90	3,914	85	2,199	92	3,620	91	30
29	3,447	85	4,499	87	3,636	81	1,178	90	4,004	88	29
28	3,164	82	5,272	83	3,713	78	2,962	89	4,667	84	28
27	4,090	79	6,198	79	3,949	75	5,705	86	5,160	80	27
26	4,745	75	7,171	73	4,036	72	4,060	81	5,750	75	26
25	5,879	71	8,023	67	4,138	68	7,762	78	6,149	70	25
24	6,814	66	7,506	60	5,121	64	7,486	71	6,739	65	24
23	5,387	60	6,491	53	6,463	60	8,344	64	6,952	59	23
22	6,810	55	4,824	48	5,422	54	8,805	57	7,114	53	22
21	6,845	49	4,316	43	9,040	49	6,605	49	6,863	47	21
20	6,856	43	4,466	40	5,629	41	8,761	43	6,876	41	20
19	5,305	37	4,824	36	7,135	37	8,771	36	6,626	35	19
18	4,175	33	7,110	31	5,291	30	5,726	28	6,498	29	18
17	4,112	29	8,572	25	5,570	26	5,985	23	6,304	23	17
16	4,918	25	9,974	18	4,096	21	5,212	18	5,708	18	16
15	6,506	21	6,036	9	4,959	17	3,583	13	4,913	13	15
14	4,339	15	2,327	3	4,146	13	3,298	10	3,885	8	14
13	3,171	11	1,034	1	3,941	9	2,471	7	2,763	5	13
12	2,492	9	351	1	2,782	6	1,833	5	1,484	2	12
11	2,645	6	160	1	2,082	3	1,419	3	752	1	11
10	1,906	4	30	1	678	1	1,004	2	292	1	10
9	1,169	2	27	1	411	1	568	1	123	1	9
8	848	1	6	1	80	1	335	1	32	1	8
7	430	1	2	1	191	1	143	1	6	1	7
6	178	1	2	1	90	1	54	1	3	1	6
5	81	1	0	1	25	1	24	1	2	1	5
4	25	1	5	1	38	1	28	1	1	1	4
3	10	1	0	1	12	1	12	1	0	1	3
2	1	1	0	1	8	1	2	1	0	1	2
1	1	1	3	1	2	1	2	1	0	1	1
Avg (SD)	21.8 (6.8)		22.8 (5.7)		22.3 (6.6)		21.7 (5.7)		22.3 (5.7)		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.

Total Students in Report: 113,732

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), 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	7,336	100	1,915	100	3,692	100	5,235	100	6,838	100	2,340	100	2,146	100	18
17	8,554	94	3,128	98	7,793	97	9,507	95	6,806	94	3,304	98	1,322	98	17
16	5,526	86	6,798	96	8,650	90	8,559	87	7,958	88	5,210	95	8,099	97	16
15	6,305	81	9,878	90	5,797	82	7,430	80	7,898	81	9,668	90	9,624	90	15
14	5,688	76	9,788	81	10,168	77	5,968	73	9,899	74	13,415	82	9,716	81	14
13	8,551	71	10,715	72	9,786	68	8,719	68	10,798	65	12,476	70	11,681	73	13
12	7,696	63	10,417	63	9,384	60	9,725	60	13,076	56	15,367	59	11,439	63	12
11	10,893	56	11,738	54	9,085	51	9,185	52	7,206	44	9,512	46	14,374	52	11
10	10,706	47	10,432	43	10,158	43	8,272	43	7,159	38	16,487	37	12,177	40	10
9	10,047	37	11,183	34	8,795	34	13,352	36	8,707	32	8,463	23	12,265	29	9
8	7,736	29	10,144	24	12,689	27	7,078	24	10,094	24	7,936	15	8,303	18	8
7	6,508	22	5,483	15	6,479	16	7,129	18	9,549	15	4,308	8	5,204	11	7
6	7,017	16	4,426	11	5,843	10	4,886	12	4,654	7	2,785	5	3,034	6	6
5	5,164	10	3,971	7	2,839	5	5,411	8	1,907	3	1,140	2	1,661	4	5
4	3,215	5	2,567	3	1,168	2	2,292	3	687	1	567	1	1,107	2	4
3	1,868	2	886	1	575	1	731	1	369	1	621	1	786	1	3
2	837	1	232	1	578	1	217	1	109	1	8	1	507	1	2
1	85	1	31	1	253	1	36	1	18	1	125	1	287	1	1
Avg (SD)	11.0 (4.1)		11.1 (3.5)		11.4 (3.7)		11.4 (3.9)		11.8 (3.7)		11.7 (3.0)		11.3 (3.2)		Avg (SD)

¹CP 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)	22	23	22	22	22
Q1 (25th Percentile)	16	17	17	18	18

Total Students in Report: 113,732

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 ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	113,732	84	22.6	20.9
	Black/African American	5,513	82	18.8	17.8
	American Indian/Alaska Native	311	82	20.9	18.0
	White	32,060	85	25.1	24.0
	Hispanic/Latino	43,974	81	19.6	18.5
	Asian	16,953	87	24.8	23.5
	Native Hawaiian/Other Pac. Isl.	1,005	86	21.5	19.5
	Two or more races	5,680	86	24.2	22.6
	Prefer not/No Response	8,236	82	24.4	22.4
National	All Students	1,845,787	73	21.8	18.9
	Black/African American	241,678	68	17.6	15.7
	American Indian/Alaska Native	14,263	62	19.0	16.5
	White	1,038,435	76	23.1	20.2
	Hispanic/Latino	281,216	71	19.5	17.3
	Asian	80,370	79	24.2	21.6
	Native Hawaiian/Other Pac. Isl.	5,676	65	20.0	16.6
	Two or more races	70,013	74	22.0	19.2
	Prefer not/No Response	114,136	56	22.6	18.5

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 Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.8	22.8	22.3	21.7	22.3
	Black/African American	17.9	18.8	19.0	18.2	18.6
	American Indian/Alaska Native	19.4	20.8	20.8	20.0	20.4
	White	25.1	24.8	25.3	24.2	25.0
	Hispanic/Latino	18.4	20.0	19.5	19.1	19.4
	Asian	24.1	26.1	23.9	23.9	24.6
	Native Hawaiian/Other Pac. Isl.	20.7	21.9	21.0	20.8	21.2
	Two or more races	23.8	24.0	24.3	23.2	23.9
	Prefer not/No Response	23.9	24.3	24.1	23.2	24.0
National	All Students	20.3	20.9	21.3	20.8	21.0
	Black/African American	15.8	17.2	17.3	17.0	17.0
	American Indian/Alaska Native	16.6	18.1	18.4	18.3	18.0
	White	22.0	22.0	22.8	22.1	22.3
	Hispanic/Latino	17.7	19.2	19.1	18.8	18.8
	Asian	22.8	24.9	22.8	23.2	23.5
	Native Hawaiian/Other Pac. Isl.	17.5	19.2	18.7	18.6	18.6
	Two or more races	20.6	20.9	21.7	21.0	21.2
	Prefer not/No Response	20.0	20.7	21.1	20.5	20.7

Total Students in Report: 113,732

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	9,151	8	7,344	6	8,652	8	5,665	5
	28 to 32	14,843	13	16,930	15	19,745	17	10,069	9
	24 to 27	21,528	19	28,898	25	17,244	15	25,013	22
	20 to 23	25,898	23	20,097	18	26,554	23	32,515	29
	16 to 19	18,510	16	30,480	27	22,092	19	25,694	23
	13 to 15	14,016	12	9,397	8	13,046	11	9,352	8
	01 to 12	9,786	9	586	1	6,399	6	5,424	5
National	33 to 36	92,922	5	55,103	3	97,714	5	55,222	3
	28 to 32	185,768	10	174,260	9	257,722	14	128,357	7
	24 to 27	302,723	16	383,630	21	263,034	14	367,160	20
	20 to 23	431,178	23	336,283	18	445,726	24	542,581	29
	16 to 19	330,518	18	616,601	33	409,685	22	448,064	24
	13 to 15	264,127	14	266,401	14	240,948	13	186,262	10
	01 to 12	238,551	13	13,509	1	130,958	7	118,141	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	47,766	42	22.1	24.0	22.7	22.8	23.0
	Females	65,915	58	21.5	21.9	22.1	21.0	21.8
	Missing	51	0	20.2	20.4	21.0	19.9	20.5
National	Males	856,651	46	20.0	21.4	21.1	21.2	21.1
	Females	977,127	53	20.7	20.5	21.5	20.5	20.9
	Missing	12,009	1	15.7	17.8	17.3	17.4	17.2

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	65	53	51	40
	Females	70	51	49	38	30
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	94,986	73	22.1	59	23.0	52	22.6	45	22.0	36	22.6
	Less than Core	18,008	62	20.2	45	21.3	42	21.1	33	20.4	25	20.9
	Missing ³	738	69	21.2	47	21.6	53	22.6	42	21.6	34	21.8
National	Core or More	1,347,997	71	21.4	50	21.7	50	22.2	42	21.6	31	21.8
	Less than Core	405,073	48	17.9	27	18.9	30	19.2	23	18.9	15	18.9
	Missing	92,717	36	16.0	18	17.7	23	17.7	16	17.6	10	17.4

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 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 ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	111,857	71	21.8	111,644	57	22.8	107,816	51	22.4	100,887	45	21.9
	Less than Core	1,178	53	19.0	1,382	20	18.0	5,213	48	22.0	12,129	30	20.0
	Missing ³	697	72	21.5	706	48	21.6	703	55	22.8	716	43	21.7
National	Core or More	1,676,095	67	20.8	1,686,194	46	21.3	1,580,108	47	21.7	1,538,158	41	21.4
	Less than Core	88,420	36	15.9	74,627	8	16.4	180,385	32	19.4	220,701	17	18.1
	Missing	81,272	38	16.3	84,966	19	17.8	85,294	24	17.8	86,928	17	17.7

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.

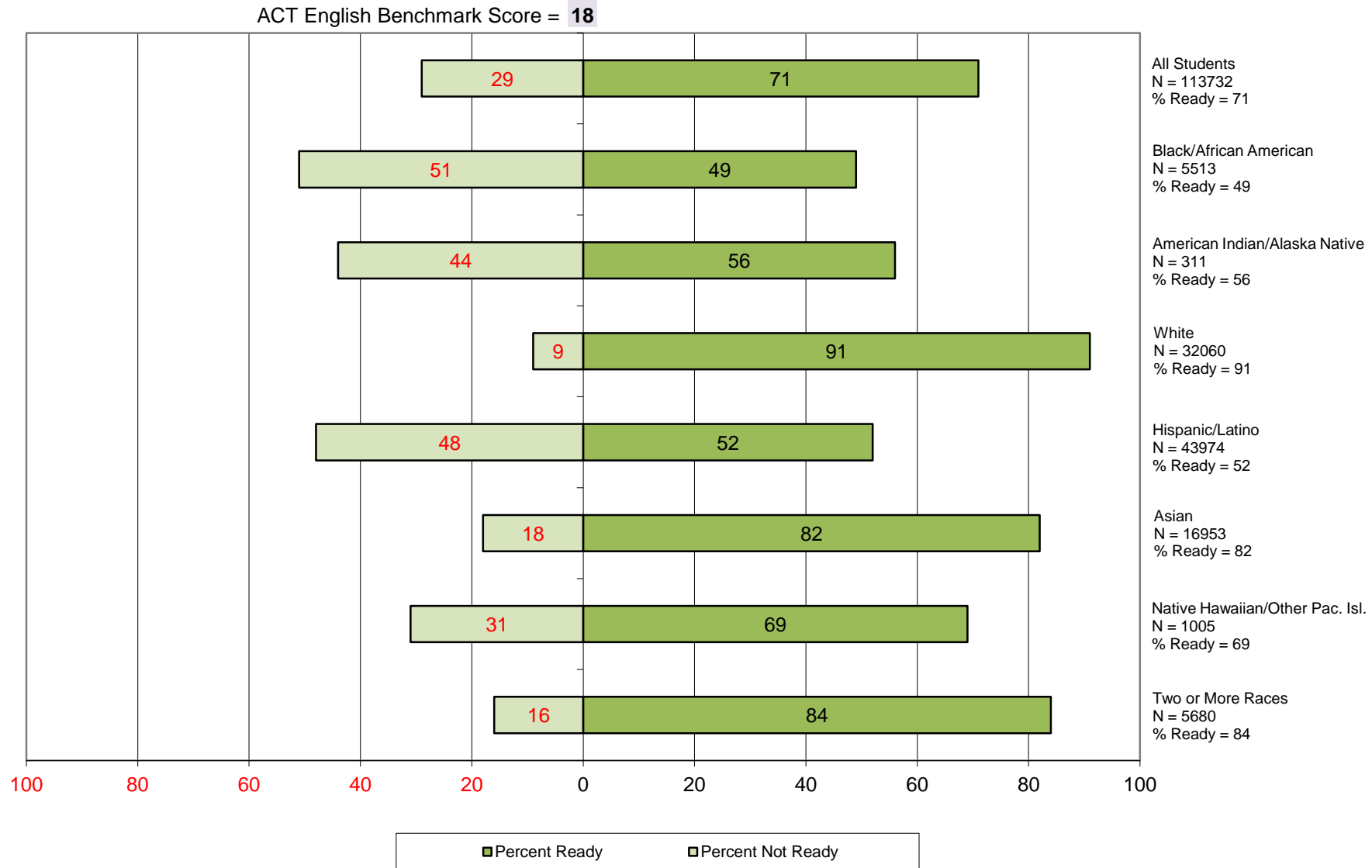
Section III

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



Total Students in Report: 113,732

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

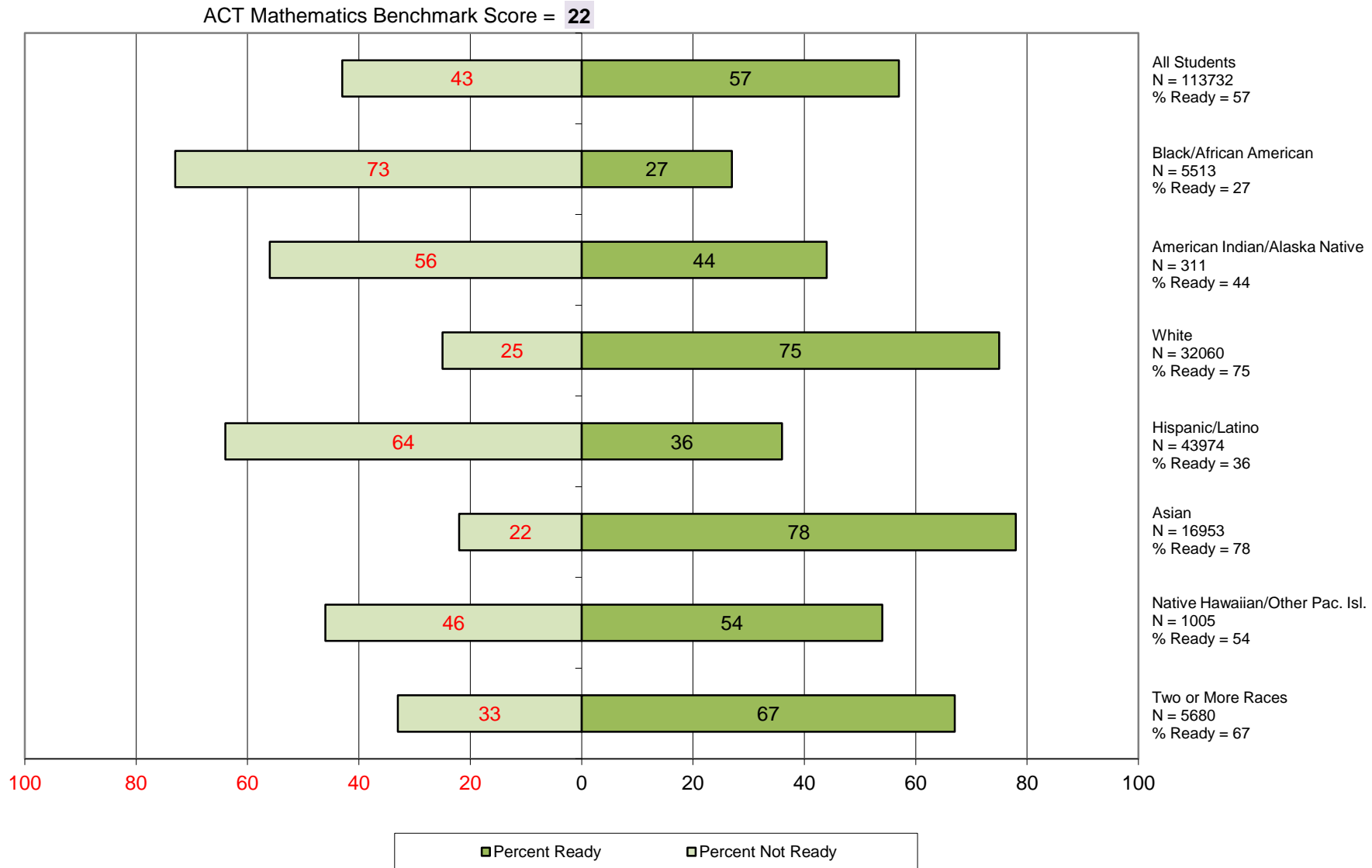


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

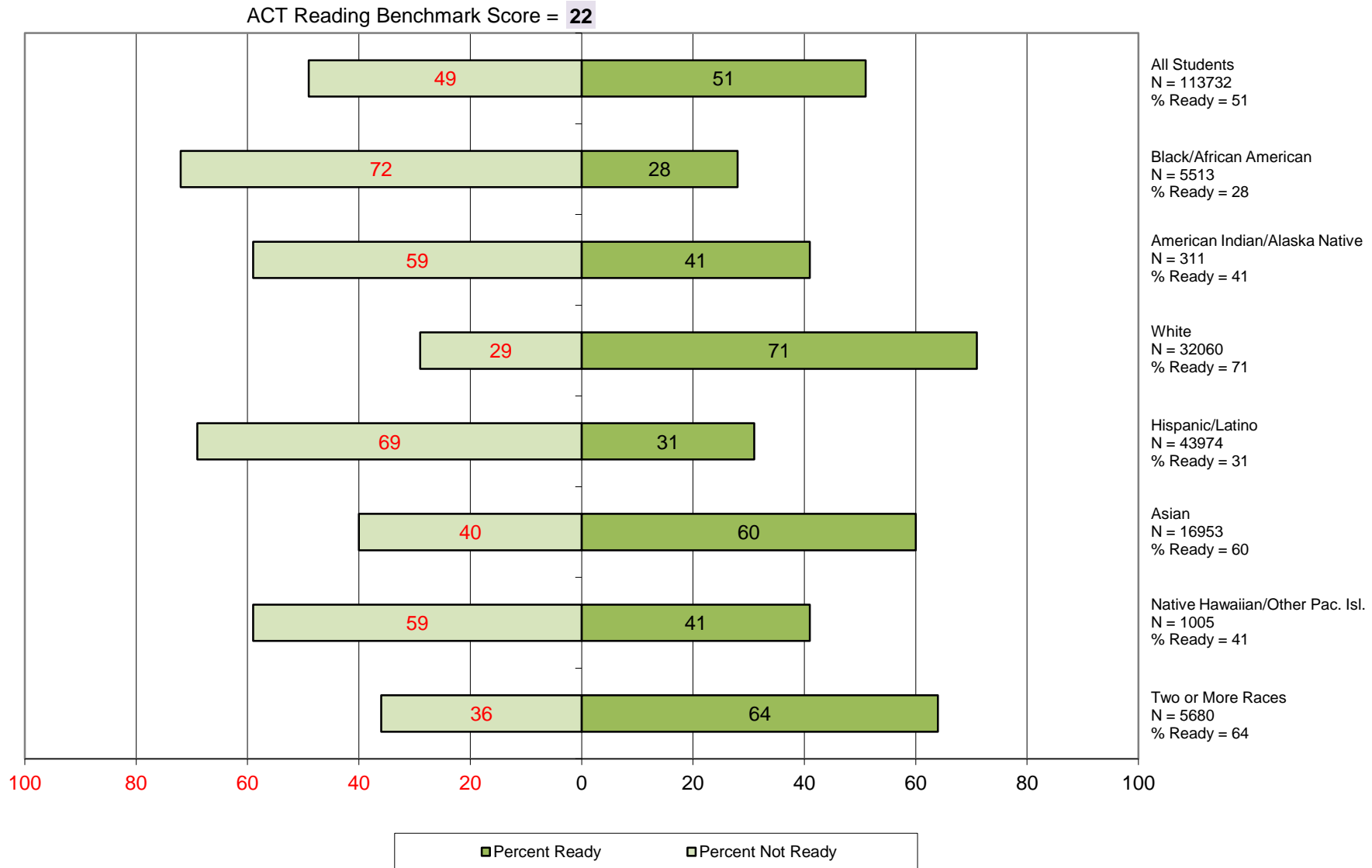


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

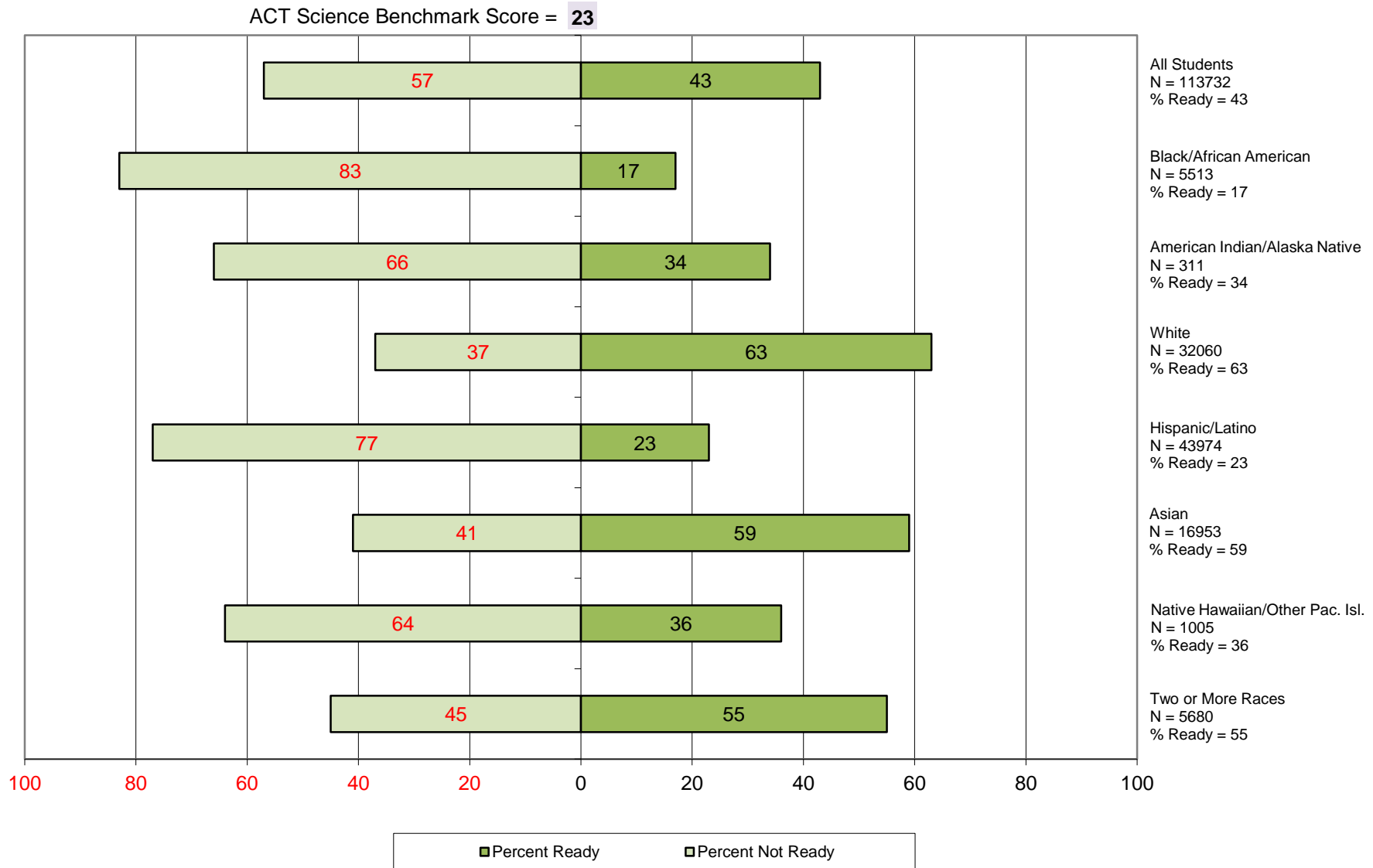
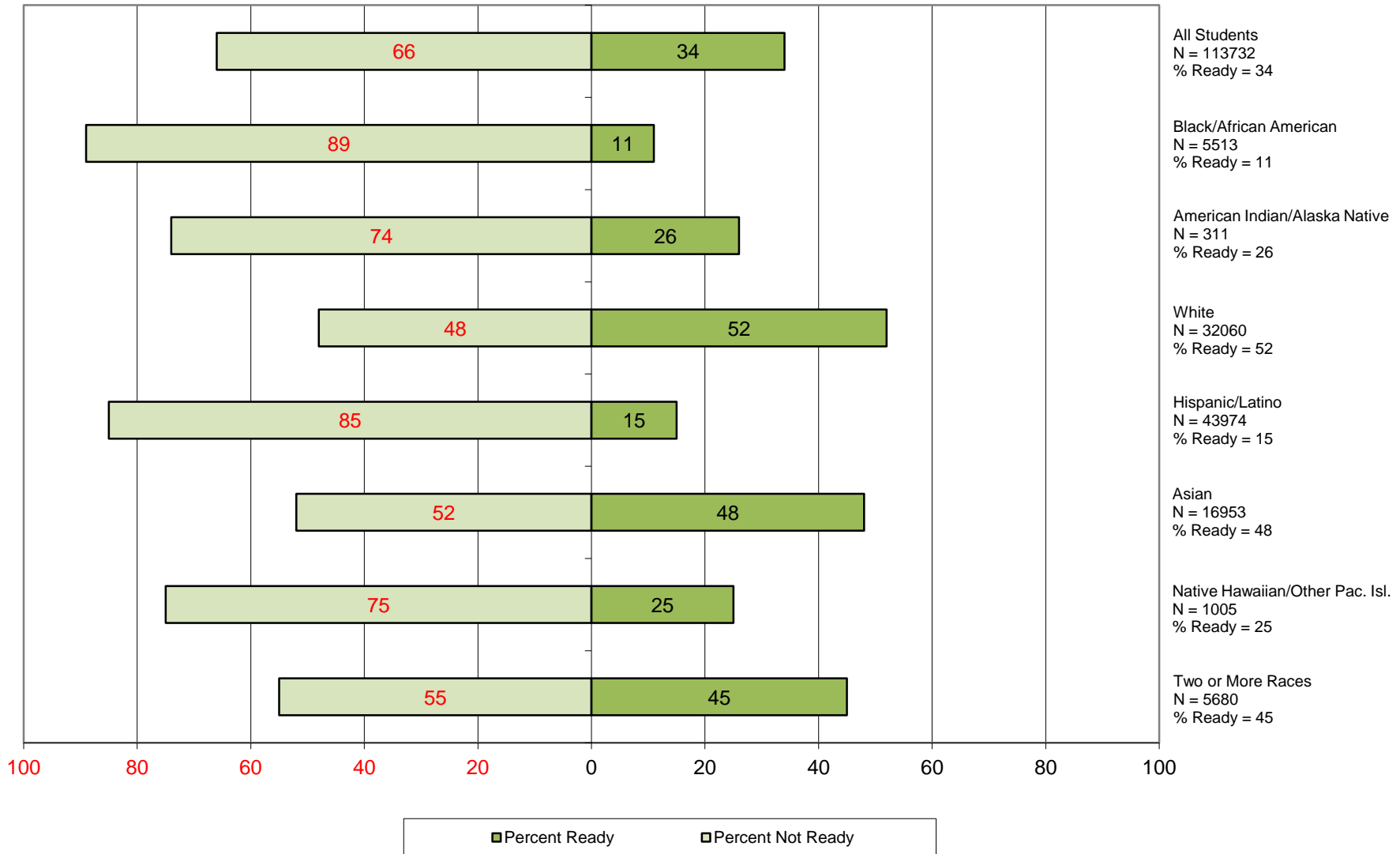


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 113,732

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 ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	16,598	15	21.5	2.5	7,139	15	21.7	2.2	9,458	14	21.4	2.8
Eng 9, Eng 10, Eng 11, Eng 12	95,259	84	21.9	2.9	39,752	83	22.2	2.7	55,492	84	21.6	3.0
Less than 4 years of English	1,178	1	19.0	-	496	1	19.5	-	679	1	18.6	-
Zero years / no English courses reported	697	1	21.5	-	379	1	21.6	-	286	0	21.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	10,919	10	25.0	7.0	4,682	10	26.0	7.4	6,236	9	24.4	6.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	11,581	10	22.5	4.5	4,011	8	23.2	4.6	7,567	11	22.1	4.5
Alg 1, Alg 2, Geom, & Trig	7,027	6	19.6	1.6	2,721	6	20.3	1.7	4,306	7	19.1	1.5
Alg 1, Alg 2, Geom, & Other Adv Math	17,150	15	20.3	2.3	5,992	13	20.9	2.3	11,155	17	19.9	2.3
Other comb of 4 or more years of Math	47,808	42	25.3	7.3	22,870	48	26.4	7.8	24,931	38	24.3	6.7
Alg 1, Alg 2, & Geom	12,136	11	17.3	-0.7	4,496	9	17.9	-0.7	7,637	12	17.0	-0.6
Other comb of 3 or 3.5 years of Math	5,023	4	21.6	3.6	2,026	4	22.5	3.9	2,996	5	21.1	3.5
Less than 3 years of Math	1,382	1	18.0	-	582	1	18.6	-	799	1	17.6	-
Zero years / no Math courses reported	706	1	21.6	-	386	1	22.5	-	288	0	20.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,821	2	24.2	2.2	918	2	23.9	1.5	903	1	24.4	2.7
Other comb of 4 or more years Social Science	60,466	53	22.8	0.8	24,535	51	23.1	0.7	35,922	54	22.6	0.9
US Hist, World Hist, & Am Gov	3,999	4	20.4	-1.6	1,804	4	20.9	-1.5	2,195	3	20.0	-1.7
Other comb of 3 or 3.5 years of Social Science	41,530	37	21.8	-0.2	17,658	37	22.2	-0.2	23,866	36	21.5	-0.2
Less than 3 years of Social Science	5,213	5	22.0	-	2,471	5	22.4	-	2,738	4	21.7	-
Zero years / no Social Science courses reported	703	1	22.8	-	380	1	23.1	-	291	0	22.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	49,997	44	22.6	2.6	23,593	49	23.6	3.1	26,401	40	21.7	2.0
Bio, Chem, Phys	18,275	16	23.2	3.2	8,649	18	24.3	3.8	9,619	15	22.2	2.5
Gen Sci ² , Bio, Chem	30,165	27	20.2	0.2	9,818	21	20.6	0.1	20,345	31	20.0	0.3
Other comb of 3 years of Natural Science	2,450	2	20.8	0.8	1,202	3	21.6	1.1	1,245	2	19.9	0.2
Less than 3 years of Natural Science	12,129	11	20.0	-	4,116	9	20.5	-	8,010	12	19.7	-
Zero years / no Natural Science courses reported	716	1	21.7	-	388	1	22.5	-	295	0	20.9	-

¹Course 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.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 113,732

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
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	16,598	15	21.5	68	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	95,259	84	21.9	72	1,305,220	71	20.5	65
Less than 4 years of English	1,178	1	19.0	53	88,420	5	15.9	36
Zero years / no English courses reported	697	1	21.5	72	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	10,919	10	25.0	76	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	11,581	10	22.5	60	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	7,027	6	19.6	32	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	17,150	15	20.3	39	356,555	19	19.4	31
Other comb of 4 or more years of Math	47,808	42	25.3	75	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	12,136	11	17.3	13	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	5,023	4	21.6	50	90,105	5	19.8	35
Less than 3 years of Math	1,382	1	18.0	20	74,627	4	16.4	8
Zero years / no Math courses reported	706	1	21.6	48	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,821	2	24.2	64	48,992	3	22.3	50
Other comb of 4 or more years Social Science	60,466	53	22.8	54	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	3,999	4	20.4	38	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	41,530	37	21.8	47	504,877	27	21.3	43
Less than 3 years of Social Science	5,213	5	22.0	48	180,385	10	19.4	32
Zero years / no Social Science courses reported	703	1	22.8	55	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	49,997	44	22.6	50	781,043	42	22.1	46
Bio, Chem, Phys	18,275	16	23.2	53	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	30,165	27	20.2	31	505,460	27	20.0	28
Other comb of 3 years of Natural Science	2,450	2	20.8	35	52,236	3	19.2	24
Less than 3 years of Natural Science	12,129	11	20.0	30	220,701	12	18.1	17
Zero years / no Natural Science courses reported	716	1	21.7	43	86,928	5	17.7	17

¹Includes 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: 113,732

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 ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture & Natural Resources Conservation	1,241	1	21.8	20	2	17.0	1,123	1	21.9
Architecture	1,475	1	20.8	17	2	17.5	1,270	1	21.1
Area, Ethnic, & Multidisciplinary Studies	203	0	21.7	0	0	.	187	0	21.6
Arts: Visual & Performing	5,801	5	21.3	103	10	17.3	4,971	5	21.6
Business	12,052	11	22.2	253	25	17.6	10,361	11	22.3
Communications	2,853	3	22.1	27	3	19.0	2,561	3	22.1
Community, Family, & Personal Services	1,943	2	18.4	33	3	16.2	1,710	2	18.6
Computer Science & Mathematics	3,587	3	24.8	22	2	19.9	3,105	3	24.8
Education	3,142	3	20.3	33	3	17.0	2,803	3	20.5
Engineering	11,212	10	24.7	45	4	17.4	9,869	10	24.9
Engineering Technology & Drafting	1,308	1	20.7	29	3	17.9	1,135	1	20.9
English & Foreign Languages	1,566	1	23.7	9	1	19.7	1,398	1	23.7
Health Administration & Assisting	4,354	4	18.3	73	7	15.3	3,776	4	18.4
Health Sciences & Technologies	16,248	14	21.8	63	6	16.9	14,748	15	21.9
Philosophy, Religion, & Theology	392	0	21.7	2	0	16.0	347	0	21.8
Repair, Production, & Construction	145	0	17.9	20	2	17.2	102	0	18.6
Sciences: Biological & Physical	13,051	11	24.0	26	3	18.4	11,692	12	24.0
Social Sciences & Law	11,524	10	21.4	50	5	16.4	10,202	10	21.5
Undecided	20,934	18	22.3	187	18	17.6	15,832	16	22.5
No Response	699	1	21.8	2	0	13.5	148	0	21.0

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: 113,732

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	440	17.7	36	14.9	1	15.0	79	20.2	213	16.2
2-yr College Degree	574	17.1	26	15.7	8	14.8	100	19.8	336	16.0
Bachelors Degree	43,254	20.7	2,131	17.3	136	18.9	13,176	23.4	17,721	18.3
Graduate Study	24,059	24.1	1,020	19.7	55	21.7	8,495	26.0	7,603	21.2
Prof. Level Degree	30,029	23.6	1,654	20.1	77	22.4	6,932	26.6	12,061	20.7
Other	1,373	19.1	58	15.9	9	16.7	203	22.5	687	17.1
No Response	14,003	22.1	588	17.8	25	22.4	3,075	25.7	5,353	17.9

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	440	17.7	66	20.8	2	14.5	17	19.4	26	17.2
2-yr College Degree	574	17.1	47	19.2	6	15.5	26	18.4	25	17.1
Bachelors Degree	43,254	20.7	5,246	22.3	431	19.8	2,196	22.3	2,217	21.5
Graduate Study	24,059	24.1	3,607	25.8	207	22.4	1,369	25.5	1,703	25.5
Prof. Level Degree	30,029	23.6	5,256	26.0	252	22.6	1,550	25.0	2,247	25.6
Other	1,373	19.1	218	21.7	7	18.3	40	21.9	151	21.1
No Response	14,003	22.1	2,513	25.5	100	21.7	482	24.3	1,867	24.1

Total Students in Report: 113,732

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	7,464	2,352	5,112	1	7	19	25	24	20	5
SAN DIEGO STATE UNIVERSITY	California	6,509	2,107	4,402	2	9	28	33	20	7	0
CALIFORNIA STATE UNIV-LONG BEACH	California	6,214	1,581	4,633	3	15	32	30	15	5	0
UNIVERSITY OF CALIFORNIA-DAVIS	California	6,095	2,005	4,090	1	5	19	27	27	17	3
UNIVERSITY OF CALIFORNIA-IRVINE	California	5,625	1,492	4,133	1	7	21	31	26	13	2
UNIVERSITY OF CALIFORNIA-BERKELEY	California	5,394	1,715	3,679	1	4	14	23	26	25	7
CALIFORNIA POLYTECHNIC ST U-SAN LUIS OB	California	5,080	1,824	3,256	0	3	12	25	31	25	4
UNIVERSITY OF CALIFORNIA-SANTA BARBARA	California	4,949	1,135	3,814	1	7	19	29	26	17	2
CALIFORNIA STATE UNIV-FULLERTON	California	4,299	1,218	3,081	3	15	33	30	14	4	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	4,099	1,062	3,037	1	6	17	25	25	22	4
UNIVERSITY OF CALIFORNIA-SAN DIEGO	California	3,955	1,010	2,945	0	3	14	25	30	22	5
STANFORD UNIVERSITY	California	3,388	1,238	2,150	0	3	9	18	26	30	14
CALIFORNIA STATE UNIV-LOS ANGELES	California	3,311	1,020	2,291	7	25	38	20	7	2	0
CALIFORNIA STATE UNIV-SACRAMENTO	California	3,272	1,093	2,179	3	18	37	26	12	4	0
UNIVERSITY OF SAN DIEGO	California	3,225	728	2,497	1	7	21	31	25	14	2
UNIVERSITY OF CALIFORNIA-RIVERSIDE	California	3,217	765	2,452	2	12	32	32	17	4	0
SAN FRANCISCO STATE UNIVERSITY	California	3,201	869	2,332	3	14	34	30	15	4	0
SAN JOSE STATE UNIVERSITY	California	2,970	850	2,120	2	14	33	30	15	5	0
UNIVERSITY OF CALIFORNIA-SANTA CRUZ	California	2,918	694	2,224	1	8	22	30	25	11	1
CALIFORNIA STATE UNIV-FRESNO	California	2,897	1,200	1,697	5	21	37	23	10	3	0
CALIFORNIA STATE UNIV-NORTHRIDGE	California	2,850	812	2,038	5	23	39	22	8	3	0
CALIFORNIA STATE POLYTECH UNIV-POMONA	California	2,672	656	2,016	2	10	27	31	20	9	1
CALIFORNIA STATE UNIV-CHICO	California	2,499	664	1,835	3	15	33	29	15	5	0
CALIFORNIA STATE UNIV-SAN BERNARDINO	California	1,631	606	1,025	4	22	42	24	6	1	0
NCAA ELIGIBILITY CENTER	Indiana	1,573	930	643	2	11	24	25	22	13	2
UNIVERSITY OF CALIFORNIA-MERCED	California	1,548	293	1,255	3	17	34	28	13	4	0
CALIFORNIA STATE UNIV-DOMINGUEZ HILLS	California	1,521	426	1,095	12	33	36	14	4	0	0
CALIFORNIA STATE UNIV-MONTEREY BAY	California	1,485	349	1,136	3	16	36	28	13	4	0
CALIFORNIA STATE UNIV-SAN MARCOS	California	1,429	411	1,018	2	16	36	31	12	3	0
UNIVERSITY OF SAN FRANCISCO	California	1,408	255	1,153	1	8	24	32	23	11	1
All Other Institutions		63,781	17,731	46,050	2	8	20	25	24	17	4
Total		170,479	49,091	121,388	2	10	23	26	21	14	3

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: 113,732

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
All Students	100,416	976,031	22.1	21.3	7.7	7.1	21.8	20.6
Black/African American	4,520	114,263	18.4	16.4	7.1	6.3	18.5	16.3
American Indian/Alaska Native	272	6,408	19.5	16.8	7.3	6.2	19.5	16.5
White	27,291	520,054	25.6	23.1	7.9	7.3	24.5	22.1
Hispanic/Latino	39,332	167,575	18.5	18.5	7.4	6.9	18.9	18.4
Asian	15,883	61,663	24.5	23.7	7.9	7.7	23.7	22.9
Native Hawaiian/Other Pac. Isl.	860	3,742	21.1	17.7	7.6	6.6	20.9	17.6
Two or more races	4,945	39,565	24.2	21.4	7.8	7.1	23.5	20.7
Prefer not/No Response	7,313	62,761	24.4	21.6	7.9	7.1	23.6	20.9
Males	41,588	438,500	22.5	21.1	7.6	6.9	22.0	20.2
Females	58,828	530,240	21.8	21.6	7.8	7.3	21.6	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

