

ACT Profile Report - State

Graduating Class 2013
Texas



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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.

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

How to Improve Scores and Increase College Readiness

26% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 109,841 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. 94% 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, 14% were college ready. 10% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 53% 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 1% of the cohort took less than three years of natural science courses. 14% of these students were college ready. In comparison, 36% 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 43% 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.

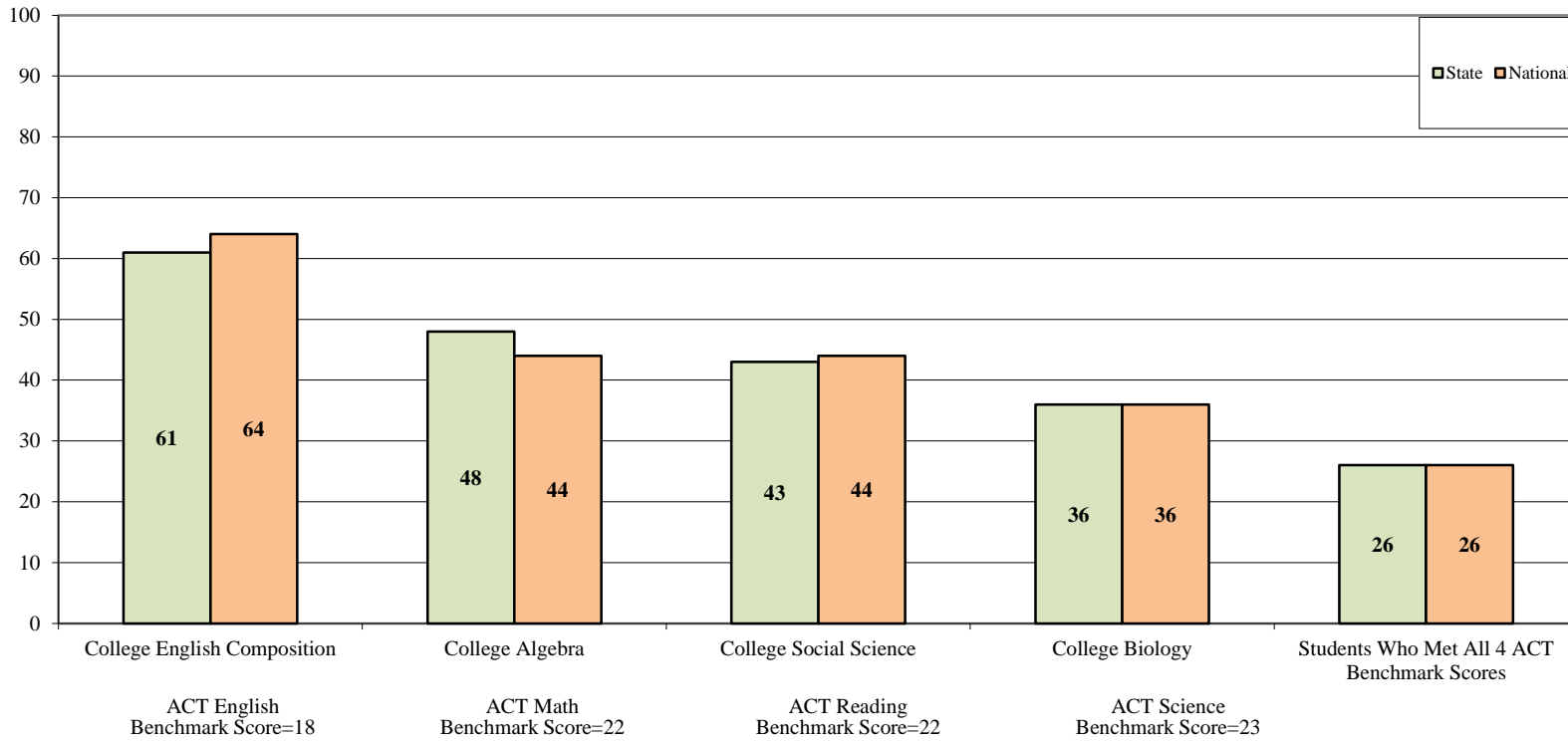
Section I

Executive Summary

Beginning 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: 109,841

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	82,640	1,480,469	63	67	44	42	49	53	26	28	22	23
2010	92,615	1,568,835	61	66	46	43	48	52	29	29	24	24
2011	101,569	1,623,112	60	66	48	45	48	52	28	30	24	25
2012	110,180	1,666,017	61	67	48	46	48	52	29	31	24	25
2013	109,841	1,799,243	61	64	48	44	43	44	36	36	26	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
2009	82,640	1,480,469	19.9	20.6	21.3	21.0	20.9	21.4	20.6	20.9	20.8	21.1
2010	92,615	1,568,835	19.7	20.5	21.4	21.0	20.8	21.3	20.9	20.9	20.8	21.0
2011	101,569	1,623,112	19.6	20.6	21.5	21.1	20.7	21.3	20.8	20.9	20.8	21.1
2012	110,180	1,666,017	19.6	20.5	21.4	21.1	20.8	21.3	20.8	20.9	20.8	21.1
2013	109,841	1,799,243	19.8	20.2	21.5	20.9	21.0	21.1	20.9	20.7	20.9	20.9

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
2013	1,799,243	20.2	20.9	21.1	20.7	20.9

Total Students in Report: 109,841

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
2009	70,274	9,661	85	12	20.4	17.3	21.7	19.1	21.4	18.7	21.0	18.7	21.2	18.6
2010	80,539	10,039	87	11	20.2	17.0	21.8	19.1	21.2	18.4	21.2	18.9	21.2	18.5
2011	93,858	5,925	92	6	19.9	16.9	21.7	19.2	20.9	18.3	21.0	18.6	21.0	18.4
2012	103,415	5,586	94	5	19.8	16.9	21.6	19.2	20.9	18.4	20.9	18.7	20.9	18.4
2013	103,760	4,633	94	4	19.9	17.0	21.6	19.3	21.1	18.7	21.0	18.8	21.0	18.6

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.

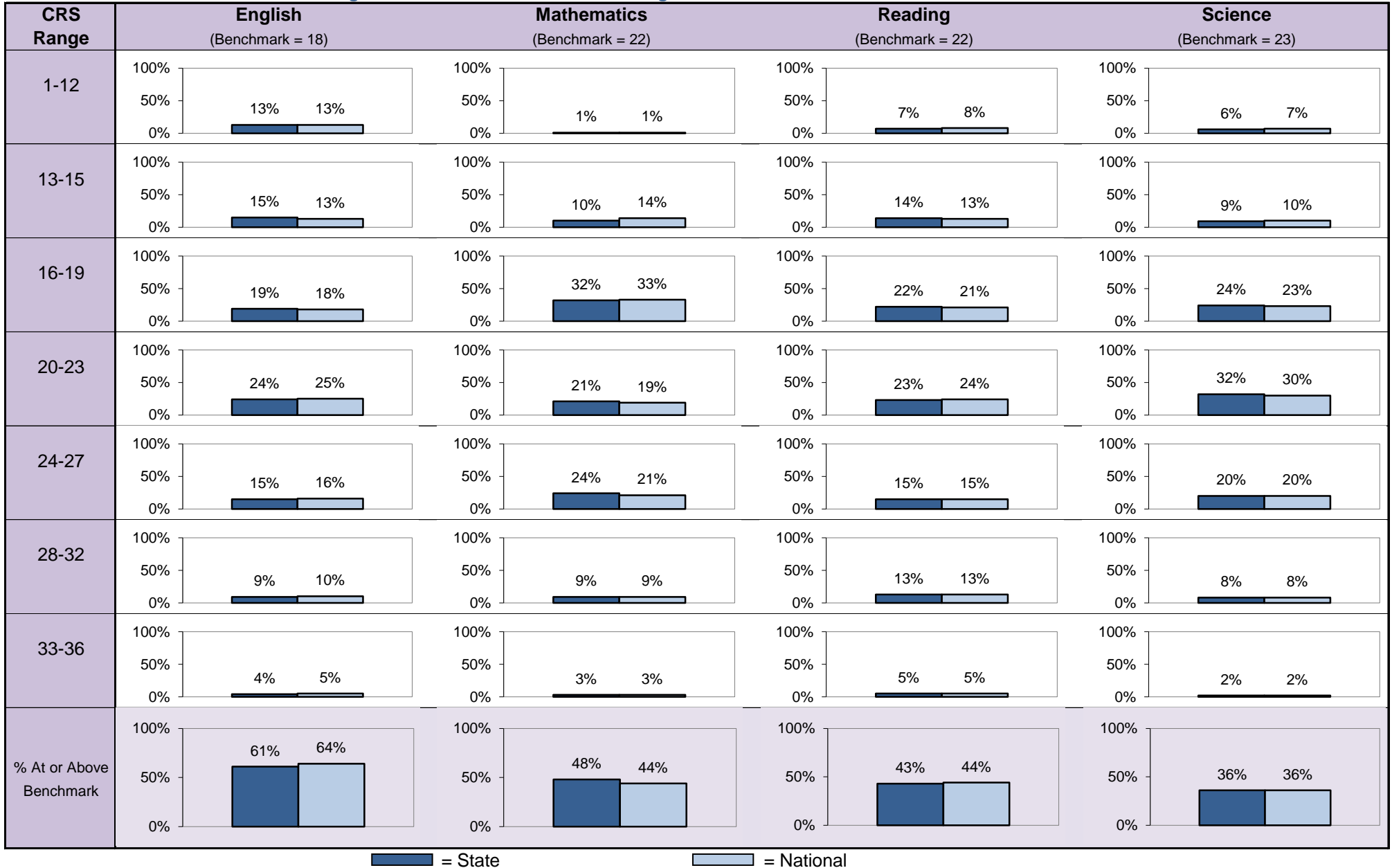
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	82,640	100	20.8	92,615	100	20.8	101,569	100	20.8	110,180	100	20.8	109,841	100	20.9
Black/African American	10,479	13	17.3	11,900	13	17.3	12,874	13	17.5	13,290	12	17.5	12,695	12	17.6
American Indian/Alaska Native	446	1	21.4	529	1	21.6	464	0	21.7	386	0	21.3	414	0	20.9
White	39,205	47	22.8	41,769	45	23.1	42,685	42	23.2	44,502	40	23.1	43,299	39	23.3
Hispanic/Latino	22,526	27	18.4	27,556	30	18.3	35,093	35	18.5	40,827	37	18.6	41,877	38	18.8
Asian	3,589	4	24.3	4,014	4	24.5	4,556	4	24.8	4,746	4	24.9	4,871	4	25.0
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	94	0	19.7	176	0	21.0	189	0	21.5
Two or more races	1,886	2	21.3	2,344	3	21.5	2,171	2	21.8	2,752	2	22.1	2,727	2	22.3
Prefer not to respond/No response	4,509	5	20.7	4,503	5	20.2	3,632	4	21.2	3,501	3	21.9	3,769	3	22.7

Total Students in Report: 109,841

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



Total Students in Report: 109,841

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	108,404	99	19.7	21.5	21.0	20.9	20.9
	Extended Time	1,437	1	21.7	22.4	24.2	22.8	22.9
	Total	109,841	100	19.8	21.5	21.0	20.9	20.9
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	61	48	42	36	26
	Extended Time	72	55	62	50	41
	Total	61	48	43	36	26
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: 109,841

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	356	100	446	100	1,063	100	519	100	74	100	36
35	999	100	724	100	475	99	617	100	366	100	35
34	1,496	99	1,381	99	1,964	99	591	99	741	100	34
33	1,688	97	959	98	2,248	97	523	98	1,043	99	33
32	1,364	96	1,292	97	2,418	95	1,099	98	1,405	98	32
31	1,627	95	1,115	96	3,481	93	1,358	97	1,903	97	31
30	1,900	93	1,811	95	2,588	89	1,653	96	2,292	95	30
29	1,948	91	2,322	93	2,831	87	1,943	94	2,641	93	29
28	2,620	90	3,817	91	2,917	84	2,332	92	3,314	90	28
27	2,561	87	4,998	87	3,002	82	3,068	90	3,830	87	27
26	3,708	85	6,606	83	3,219	79	3,897	88	4,516	84	26
25	4,403	82	6,832	77	3,526	76	7,075	84	5,217	80	25
24	5,264	78	7,500	71	6,273	73	8,187	78	6,080	75	24
23	5,559	73	7,069	64	4,656	67	6,650	70	6,654	70	23
22	5,802	68	6,077	57	6,044	63	8,601	64	7,357	64	22
21	7,325	62	5,391	52	7,717	57	10,651	56	7,543	57	21
20	8,087	56	4,536	47	6,907	50	8,743	47	7,588	50	20
19	5,295	48	6,565	43	6,606	44	8,462	39	7,636	43	19
18	4,969	44	6,954	37	6,991	38	8,199	31	7,683	36	18
17	4,683	39	10,895	30	5,105	32	5,068	23	7,226	29	17
16	6,466	35	11,032	21	5,877	27	4,512	19	6,822	23	16
15	7,224	29	6,834	10	6,302	22	3,937	15	5,856	16	15
14	5,522	22	2,759	4	4,589	16	3,288	11	4,651	11	14
13	4,253	17	1,057	2	5,027	12	2,754	8	3,507	7	13
12	3,440	13	475	1	3,540	7	2,069	6	2,093	4	12
11	3,346	10	230	1	2,150	4	1,724	4	1,027	2	11
10	3,105	7	60	1	1,161	2	1,040	2	470	1	10
9	1,904	4	37	1	447	1	650	1	207	1	9
8	1,521	3	38	1	165	1	300	1	61	1	8
7	797	1	14	1	267	1	125	1	23	1	7
6	342	1	7	1	138	1	97	1	9	1	6
5	149	1	1	1	59	1	49	1	5	1	5
4	73	1	2	1	48	1	14	1	0	1	4
3	30	1	1	1	9	1	36	1	0	1	3
2	7	1	0	1	22	1	2	1	1	1	2
1	8	1	4	1	9	1	8	1	0	1	1
Avg (SD)	19.8 (6.5)		21.5 (5.2)		21.0 (6.4)		20.9 (5.2)		20.9 (5.3)		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: 109,841

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	3,403	100	1,738	100	3,140	100	4,049	100	5,294	100	829	100	1,239	100	18
17	4,600	97	640	98	5,153	97	5,391	96	4,977	95	1,580	99	238	99	17
16	3,991	93	4,999	98	5,227	92	6,604	91	4,867	91	2,363	98	4,226	99	16
15	4,058	89	5,757	93	5,260	88	6,999	85	7,557	86	6,375	96	6,018	95	15
14	5,035	85	6,848	88	5,690	83	7,387	79	7,212	79	9,210	90	8,736	89	14
13	5,232	81	7,883	82	7,583	78	7,477	72	10,145	73	13,048	81	9,566	81	13
12	7,004	76	11,577	75	10,754	71	8,021	65	10,525	64	11,772	70	16,832	73	12
11	10,765	70	9,898	64	9,874	61	10,198	58	11,345	54	13,167	59	11,067	57	11
10	11,529	60	10,752	55	10,166	52	9,474	49	10,128	44	17,267	47	12,631	47	10
9	11,119	49	12,859	45	11,632	43	8,451	40	7,865	34	11,395	31	14,818	36	9
8	9,274	39	11,480	34	10,109	32	10,866	33	11,315	27	10,141	21	9,743	22	8
7	9,647	31	7,783	23	11,595	23	8,063	23	11,174	17	5,530	12	6,291	13	7
6	7,582	22	6,290	16	6,329	12	6,887	15	4,395	7	3,060	7	4,132	8	6
5	7,045	15	5,333	10	3,439	7	6,291	9	1,783	3	1,918	4	880	4	5
4	4,653	9	3,581	5	1,774	4	2,356	3	830	1	759	2	2,210	3	4
3	3,030	4	1,853	2	905	2	893	1	324	1	864	1	117	1	3
2	1,563	2	501	1	726	1	375	1	84	1	43	1	729	1	2
1	311	1	69	1	485	1	59	1	21	1	520	1	368	1	1
Avg (SD)	9.8 (4.0)		10.1 (3.5)		10.5 (3.7)		10.8 (3.9)		11.2 (3.5)		10.8 (2.9)		10.7 (3.0)		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)	24	25	25	24	24
Q2 (50th Percentile)	20	21	20	21	21
Q1 (25th Percentile)	15	17	16	18	17

Total Students in Report: 109,841

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	109,841	94	21.0	18.6
	Black/African American	12,695	93	17.7	15.9
	American Indian/Alaska Native	414	93	21.1	17.3
	White	43,299	96	23.3	21.5
	Hispanic/Latino	41,877	94	18.9	16.8
	Asian	4,871	96	25.0	23.8
	Native Hawaiian/Other Pac. Isl.	189	96	21.6	20.0
	Two or more races	2,727	97	22.4	20.3
	Prefer not/No Response	3,769	86	22.8	20.6
National	All Students	1,799,243	74	21.7	18.7
	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

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	19.8	21.5	21.0	20.9	20.9
	Black/African American	16.1	18.3	17.6	17.8	17.6
	American Indian/Alaska Native	19.8	21.2	21.1	20.9	20.9
	White	22.6	23.4	23.6	23.0	23.3
	Hispanic/Latino	17.1	19.6	18.7	19.1	18.8
	Asian	23.9	26.6	24.5	24.5	25.0
	Native Hawaiian/Other Pac. Isl.	20.1	22.5	21.5	21.6	21.5
	Two or more races	21.5	22.5	22.6	22.1	22.3
	Prefer not/No Response	21.9	23.0	23.1	22.3	22.7
National	All Students	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: 109,841

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	4,539	4	3,510	3	5,750	5	2,250	2
	28 to 32	9,459	9	10,357	9	14,235	13	8,385	8
	24 to 27	15,936	15	25,936	24	16,020	15	22,227	20
	20 to 23	26,773	24	23,073	21	25,324	23	34,645	32
	16 to 19	21,413	19	35,446	32	24,579	22	26,241	24
	13 to 15	16,999	15	10,650	10	15,918	14	9,979	9
	01 to 12	14,722	13	869	1	8,015	7	6,114	6
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	50,066	46	19.6	22.0	20.9	21.5	21.1
	Females	59,771	54	19.9	21.0	21.1	20.4	20.7
	Missing	4	0	12.0	15.8	14.8	14.8	14.5
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	60	52	42	41	29
	Females	62	45	43	32	24
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 109,841

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	103,760	62	19.9	49	21.6	43	21.1	37	21.0	27	21.0
	Less than Core	4,633	42	17.0	30	19.3	27	18.7	22	18.8	15	18.6
	Missing ³	1,448	50	18.2	34	19.8	37	20.0	30	19.9	21	19.6
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

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	107,285	61	19.8	107,353	49	21.5	106,431	43	21.1	107,130	36	21.0
	Less than Core	1,197	47	17.3	1,092	14	17.2	2,032	33	19.6	1,309	14	17.6
	Missing ³	1,359	50	18.3	1,396	35	19.9	1,378	37	20.1	1,402	31	20.0
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

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

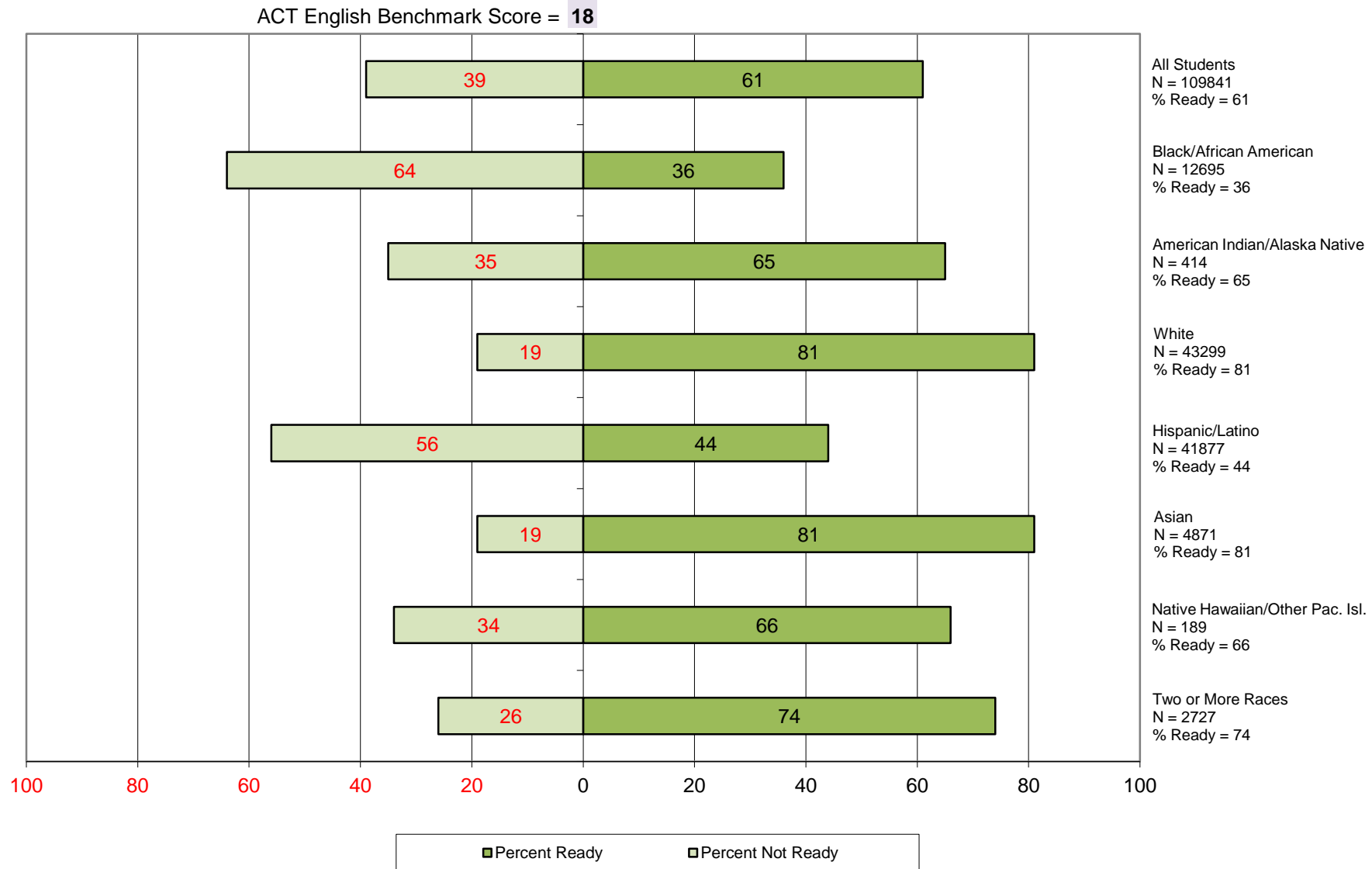


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

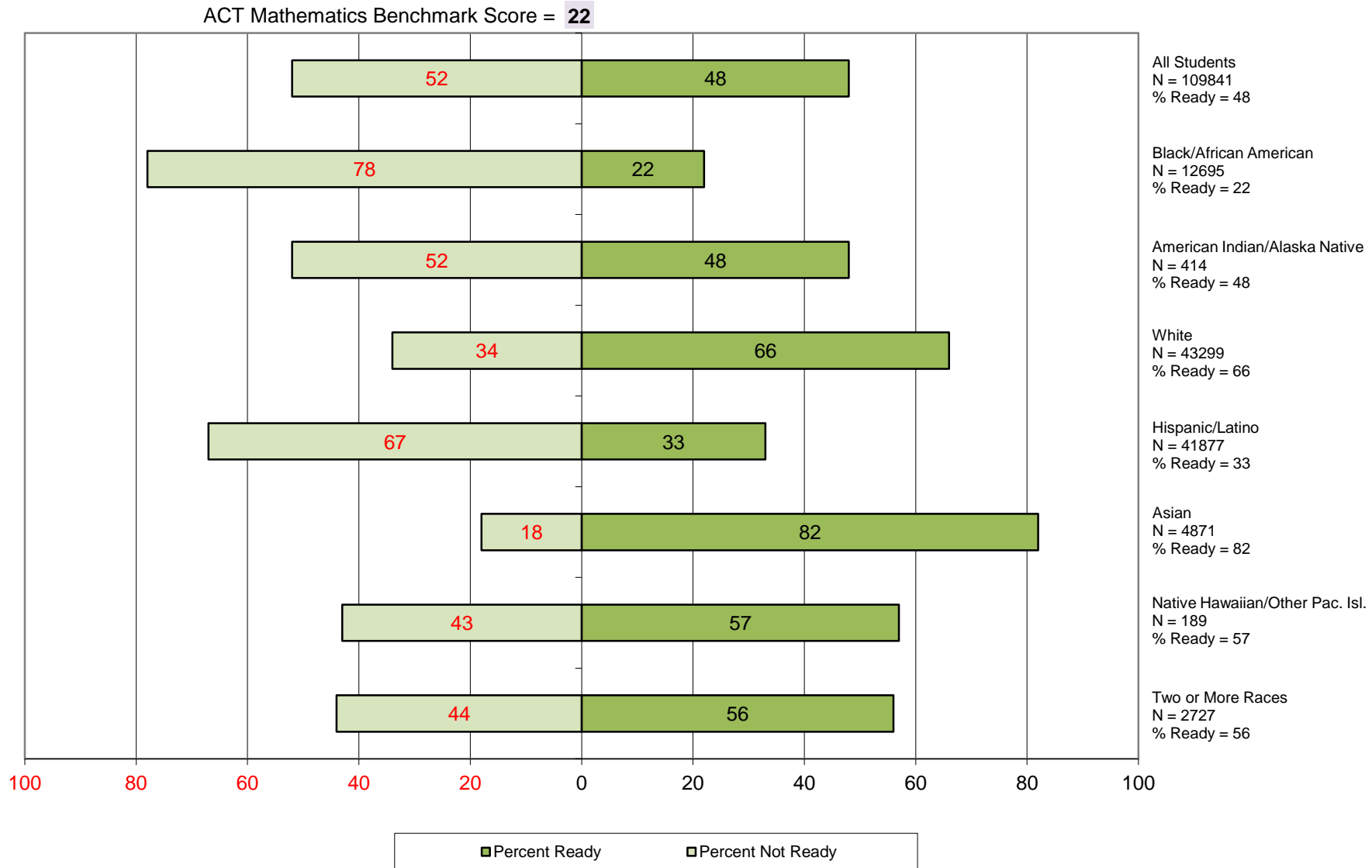


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

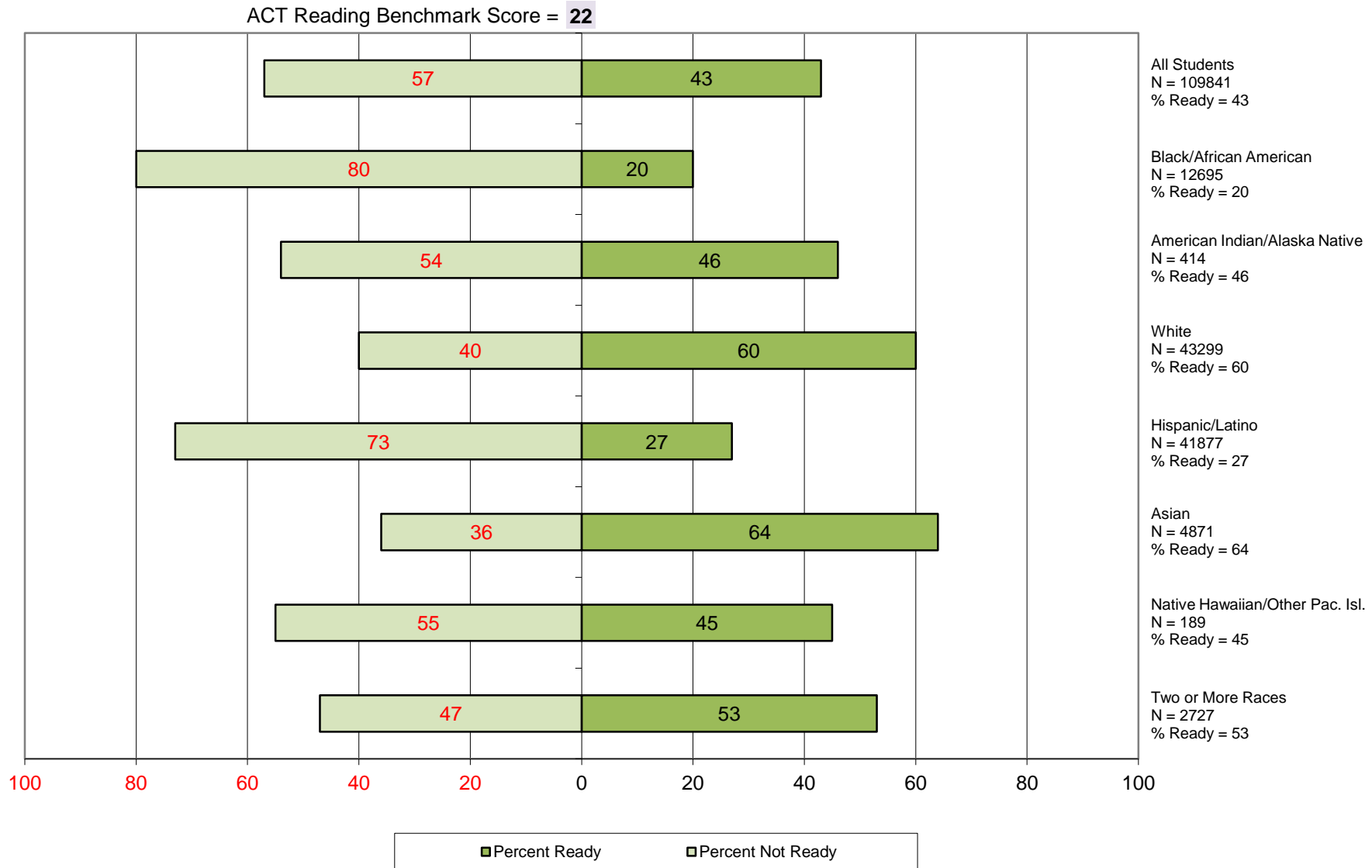
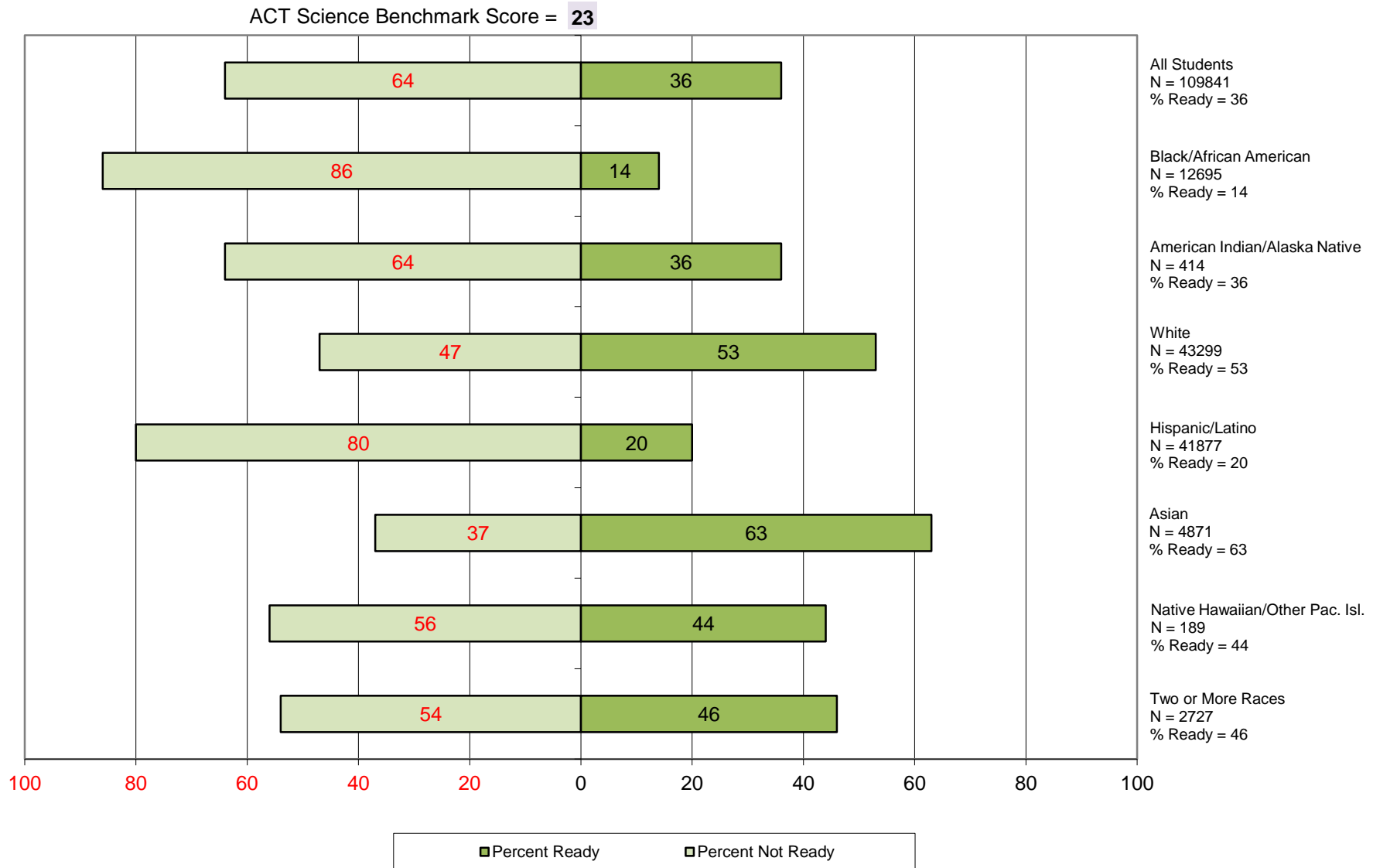
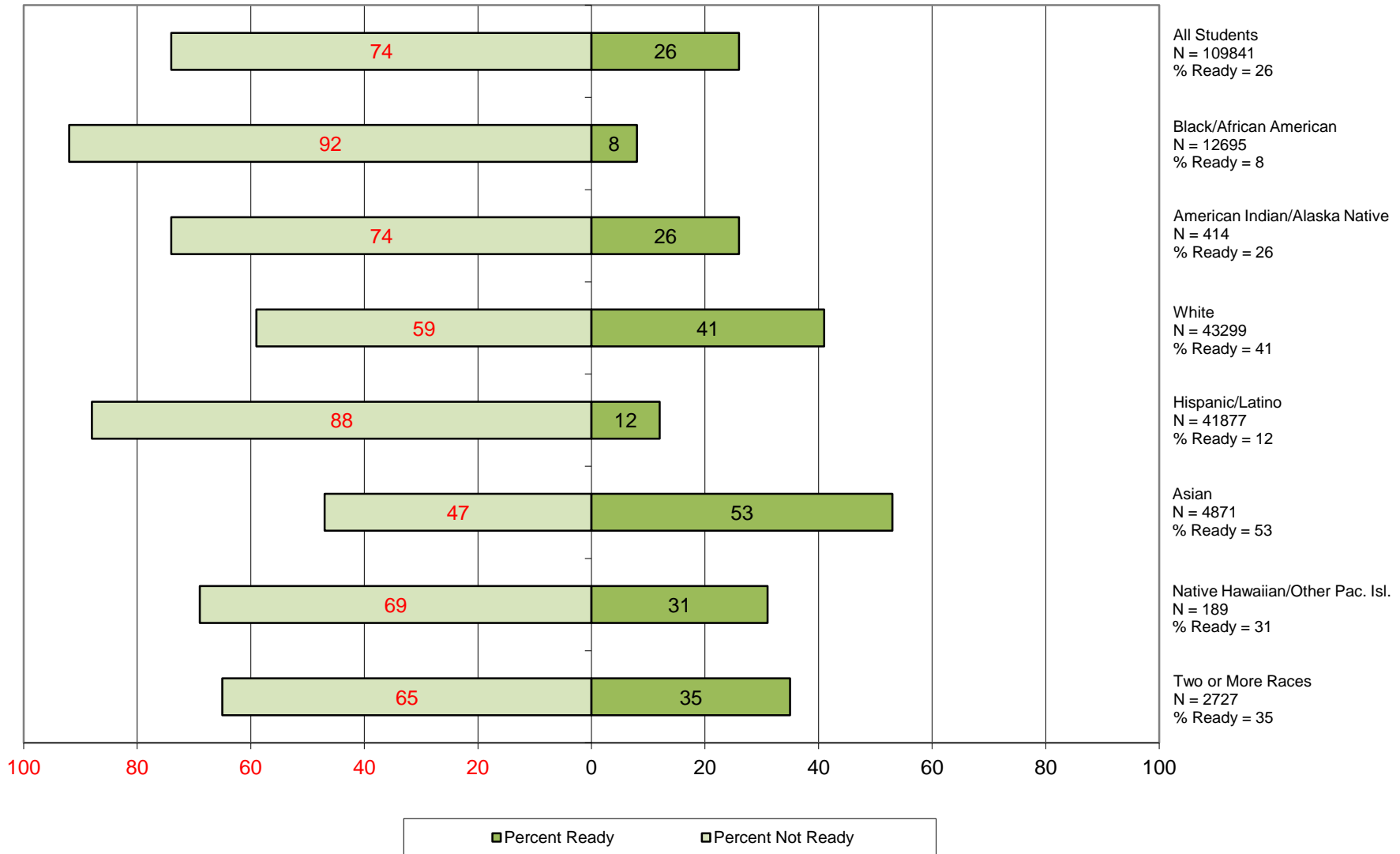


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Total Students in Report: 109,841

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



Total Students in Report: 109,841

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	20,077	18	19.6	2.3	8,995	18	19.3	2.0	11,081	19	19.9	2.6
Eng 9, Eng 10, Eng 11, Eng 12	87,208	79	19.8	2.5	39,801	79	19.7	2.4	47,406	79	20.0	2.7
Less than 4 years of English	1,197	1	17.3	-	555	1	17.3	-	641	1	17.3	-
Zero years / no English courses reported	1,359	1	18.3	-	715	1	17.9	-	643	1	18.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	5,233	5	23.6	6.4	2,346	5	24.3	7.2	2,887	5	23.0	5.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,080	4	22.6	5.4	1,633	3	23.0	5.9	2,447	4	22.3	5.1
Alg 1, Alg 2, Geom, & Trig	2,858	3	20.1	2.9	1,271	3	20.2	3.1	1,587	3	20.1	2.9
Alg 1, Alg 2, Geom, & Other Adv Math	28,166	26	20.2	3.0	11,183	22	20.4	3.3	16,983	28	20.1	2.9
Other comb of 4 or more years of Math	45,873	42	23.3	6.1	23,106	46	24.0	6.9	22,766	38	22.7	5.5
Alg 1, Alg 2, & Geom	11,360	10	17.5	0.3	4,954	10	17.7	0.6	6,405	11	17.4	0.2
Other comb of 3 or 3.5 years of Math	9,783	9	20.4	3.2	4,341	9	20.8	3.7	5,442	9	20.1	2.9
Less than 3 years of Math	1,092	1	17.2	-	505	1	17.1	-	586	1	17.2	-
Zero years / no Math courses reported	1,396	1	19.9	-	727	1	20.1	-	668	1	19.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	560	1	22.4	2.8	293	1	21.5	1.4	267	0	23.3	4.3
Other comb of 4 or more years Social Science	93,078	85	21.3	1.7	41,674	83	21.2	1.1	51,402	86	21.3	2.3
US Hist, World Hist, & Am Gov	587	1	18.7	-0.9	309	1	18.3	-1.8	278	0	19.2	0.2
Other comb of 3 or 3.5 years of Social Science	12,206	11	19.5	-0.1	6,024	12	19.5	-0.6	6,182	10	19.5	0.5
Less than 3 years of Social Science	2,032	2	19.6	-	1,042	2	20.1	-	989	2	19.0	-
Zero years / no Social Science courses reported	1,378	1	20.1	-	724	1	19.9	-	653	1	20.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	73,266	67	21.0	3.4	34,291	68	21.5	3.6	38,975	65	20.5	3.2
Bio, Chem, Phys	30,435	28	21.2	3.6	12,867	26	22.0	4.1	17,566	29	20.6	3.3
Gen Sci ² , Bio, Chem	3,058	3	18.5	0.9	1,406	3	18.7	0.8	1,651	3	18.4	1.1
Other comb of 3 years of Natural Science	371	0	19.9	2.3	193	0	20.1	2.2	178	0	19.6	2.3
Less than 3 years of Natural Science	1,309	1	17.6	-	575	1	17.9	-	734	1	17.3	-
Zero years / no Natural Science courses reported	1,402	1	20.0	-	734	1	20.1	-	667	1	19.8	-

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: 109,841

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	20,077	18	19.6	60	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	87,208	79	19.8	62	1,265,911	70	20.3	65
Less than 4 years of English	1,197	1	17.3	47	84,048	5	15.9	36
Zero years / no English courses reported	1,359	1	18.3	50	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	5,233	5	23.6	66	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,080	4	22.6	63	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	2,858	3	20.1	38	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	28,166	26	20.2	39	336,291	19	19.6	32
Other comb of 4 or more years of Math	45,873	42	23.3	62	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	11,360	10	17.5	14	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	9,783	9	20.4	40	88,866	5	19.7	34
Less than 3 years of Math	1,092	1	17.2	14	77,906	4	16.3	7
Zero years / no Math courses reported	1,396	1	19.9	35	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	560	1	22.4	52	50,989	3	22.2	51
Other comb of 4 or more years Social Science	93,078	85	21.3	44	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	587	1	18.7	30	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	12,206	11	19.5	32	489,586	27	21.0	43
Less than 3 years of Social Science	2,032	2	19.6	33	171,617	10	19.1	32
Zero years / no Social Science courses reported	1,378	1	20.1	37	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	73,266	67	21.0	37	767,293	43	21.9	46
Bio, Chem, Phys	30,435	28	21.2	38	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	3,058	3	18.5	17	504,165	28	19.9	28
Other comb of 3 years of Natural Science	371	0	19.9	29	51,822	3	19.1	25
Less than 3 years of Natural Science	1,309	1	17.6	14	218,267	12	18.0	17
Zero years / no Natural Science courses reported	1,402	1	20.0	31	74,011	4	17.8	18

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: 109,841

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	2,101	2	19.9	70	2	16.6	1,844	2	20.2
Architecture	1,868	2	20.0	47	2	15.9	1,539	2	20.5
Area, Ethnic, & Multidisciplinary Studies	161	0	22.7	6	0	15.2	136	0	23.4
Arts: Visual & Performing	6,277	6	20.5	180	6	16.6	5,226	6	21.0
Business	11,664	11	20.9	352	12	16.4	9,835	11	21.3
Communications	2,614	2	21.5	28	1	15.6	2,302	3	21.8
Community, Family, & Personal Services	1,999	2	18.1	138	5	16.6	1,591	2	18.5
Computer Science & Mathematics	2,492	2	22.6	68	2	16.3	2,094	2	23.1
Education	5,750	5	19.5	103	3	16.3	4,922	5	19.9
Engineering	11,694	11	23.1	174	6	16.5	10,153	11	23.5
Engineering Technology & Drafting	1,511	1	18.7	108	4	15.3	1,140	1	19.6
English & Foreign Languages	912	1	23.5	12	0	18.1	807	1	23.9
Health Administration & Assisting	4,428	4	17.6	268	9	15.7	3,392	4	18.1
Health Sciences & Technologies	22,148	20	20.6	523	18	16.8	19,121	21	20.9
Philosophy, Religion, & Theology	515	0	21.4	8	0	19.6	456	1	21.5
Repair, Production, & Construction	530	0	16.8	193	7	16.6	216	0	17.8
Sciences: Biological & Physical	7,408	7	23.0	43	1	16.5	6,651	7	23.2
Social Sciences & Law	9,152	8	20.4	148	5	15.2	7,764	9	20.9
Undecided	15,345	14	21.1	459	16	16.3	11,511	13	21.6
No Response	1,270	1	20.0	19	1	14.8	187	0	20.6

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: 109,841

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	744	16.5	105	14.6	4	15.3	225	18.4	351	15.4
2-yr College Degree	2,205	16.3	263	14.8	10	15.9	627	18.1	1,209	15.6
Bachelors Degree	49,145	19.9	5,922	16.8	178	19.8	21,457	22.0	18,001	18.2
Graduate Study	17,295	23.6	1,551	19.6	68	22.8	8,919	25.1	4,680	21.4
Prof. Level Degree	24,447	22.8	2,971	19.6	94	22.9	8,325	25.1	9,279	20.6
Other	1,248	17.8	176	15.3	8	17.8	334	20.8	595	16.5
No Response	14,757	19.3	1,707	16.1	52	20.0	3,412	23.5	7,762	17.1

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	744	16.5	23	22.3	1	22.0	9	19.3	26	15.9
2-yr College Degree	2,205	16.3	13	18.2	6	15.7	30	17.5	47	15.5
Bachelors Degree	49,145	19.9	1,135	22.3	89	20.2	1,201	20.9	1,162	20.8
Graduate Study	17,295	23.6	912	25.6	34	23.5	512	24.4	619	24.6
Prof. Level Degree	24,447	22.8	2,104	26.1	45	23.6	737	23.9	892	24.7
Other	1,248	17.8	47	21.8	2	22.5	26	18.5	60	18.7
No Response	14,757	19.3	637	25.6	12	20.8	212	21.2	963	22.6

Total Students in Report: 109,841

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
TEXAS A&M UNIVERSITY-MAIN CAMPUS	Texas	15,253	5,698	9,555	1	5	16	30	28	17	2
UNIV OF TEXAS AT AUSTIN	Texas	15,235	5,054	10,181	2	6	18	27	25	18	3
TEXAS TECH UNIVERSITY	Texas	10,026	3,003	7,023	1	8	25	35	22	8	1
TEXAS STATE UNIVERSITY-SAN MARCOS	Texas	10,008	2,971	7,037	2	12	32	34	15	4	0
BAYLOR UNIVERSITY	Texas	9,384	3,128	6,256	2	6	19	30	27	15	2
UNIV OF TEXAS AT SAN ANTONIO	Texas	8,693	2,126	6,567	4	16	37	28	11	3	0
UNIV OF TEXAS PAN AMERICAN	Texas	6,732	3,813	2,919	6	26	43	20	5	1	0
UNIVERSITY OF NORTH TEXAS	Texas	6,664	2,030	4,634	3	11	28	32	18	8	1
UNIVERSITY OF HOUSTON-MAIN CAMPUS	Texas	5,833	1,505	4,328	3	12	31	30	16	7	1
SAM HOUSTON STATE UNIVERSITY	Texas	5,068	1,588	3,480	4	17	37	28	11	3	0
TEXAS CHRISTIAN UNIVERSITY	Texas	4,550	959	3,591	1	7	19	30	26	15	1
STEPHEN F AUSTIN STATE UNIVERSITY	Texas	4,240	1,136	3,104	3	14	34	32	12	4	0
UNIV OF TEXAS AT ARLINGTON	Texas	4,198	1,116	3,082	4	15	30	29	16	6	0
TEXAS A&M UNIVERSITY-CORPUS CHRISTI	Texas	3,701	851	2,850	4	19	40	25	9	2	0
TEXAS A & M UNIVERSITY-KINGSVILLE	Texas	3,492	801	2,691	6	24	44	21	5	1	0
SOUTH TEXAS COLLEGE	Texas	3,076	821	2,255	9	35	42	12	2	0	0
RICE UNIVERSITY	Texas	3,031	943	2,088	1	3	9	19	24	33	11
TARLETON STATE UNIVERSITY	Texas	2,688	903	1,785	2	11	33	36	14	3	0
UNIV OF TEXAS AT EL PASO	Texas	2,275	1,172	1,103	6	24	39	24	5	2	0
NCAA ELIGIBILITY CENTER	Indiana	2,211	1,188	1,023	3	13	31	30	16	7	1
ANGELO STATE UNIVERSITY	Texas	2,206	857	1,349	3	13	34	32	14	4	0
OKLAHOMA STATE UNIVERSITY	Oklahoma	2,119	574	1,545	1	5	17	33	31	12	1
SOUTHERN METHODIST UNIVERSITY	Texas	2,080	491	1,589	1	6	16	23	30	21	3
UNIVERSITY OF OKLAHOMA	Oklahoma	2,073	570	1,503	0	3	12	30	33	20	2
WEST TEXAS A&M UNIVERSITY	Texas	1,932	660	1,272	2	13	33	33	15	4	0
ABILENE CHRISTIAN UNIVERSITY	Texas	1,895	612	1,283	2	8	24	33	24	10	1
UNIV OF TEXAS AT DALLAS	Texas	1,720	418	1,302	2	6	18	27	26	19	3
UNIVERSITY OF ARKANSAS	Arkansas	1,711	589	1,122	0	2	11	35	35	15	1
TEXAS WOMAN'S UNIVERSITY	Texas	1,604	457	1,147	6	20	37	25	9	3	0
BLINN COLLEGE	Texas	1,406	359	1,047	5	15	33	31	13	2	0
All Other Institutions		86,230	23,281	62,949	4	13	27	25	17	11	2
Total		231,334	69,674	161,660	3	12	27	27	18	10	2

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: 109,841

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	87,010	942,769	20.1	21.3	6.4	7.0	19.1	20.5
Black/African American	9,032	114,751	16.5	16.3	5.8	6.1	16.0	16.0
American Indian/Alaska Native	295	6,031	20.3	16.8	6.5	6.1	19.4	16.4
White	32,464	518,407	23.2	22.9	6.8	7.2	21.7	21.9
Hispanic/Latino	35,518	151,504	17.3	18.6	6.1	6.8	16.7	18.3
Asian	4,392	54,580	24.3	23.5	7.5	7.6	23.2	22.7
Native Hawaiian/Other Pac. Isl.	144	2,812	20.4	19.5	6.6	6.9	19.6	19.2
Two or more races	2,088	35,355	22.2	21.5	6.7	7.0	20.8	20.6
Prefer not/No Response	3,077	59,329	22.6	21.8	6.9	7.1	21.3	20.9
Males	38,834	423,104	20.0	21.0	6.2	6.7	18.8	20.1
Females	48,172	513,945	20.2	21.6	6.6	7.2	19.4	20.9
Missing	4	5,720	12.0	16.6	5.8	6.3	12.5	16.5

