

ACT Profile Report - State

Graduating Class 2013
Utah



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.

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

24% 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: 34,514 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. 64% 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 8% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 19% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 9% of these students were college ready. In comparison, 52% 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 20% of the cohort took less than three years of natural science courses. 19% of these students were college ready. In comparison, 42% 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 54% 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.

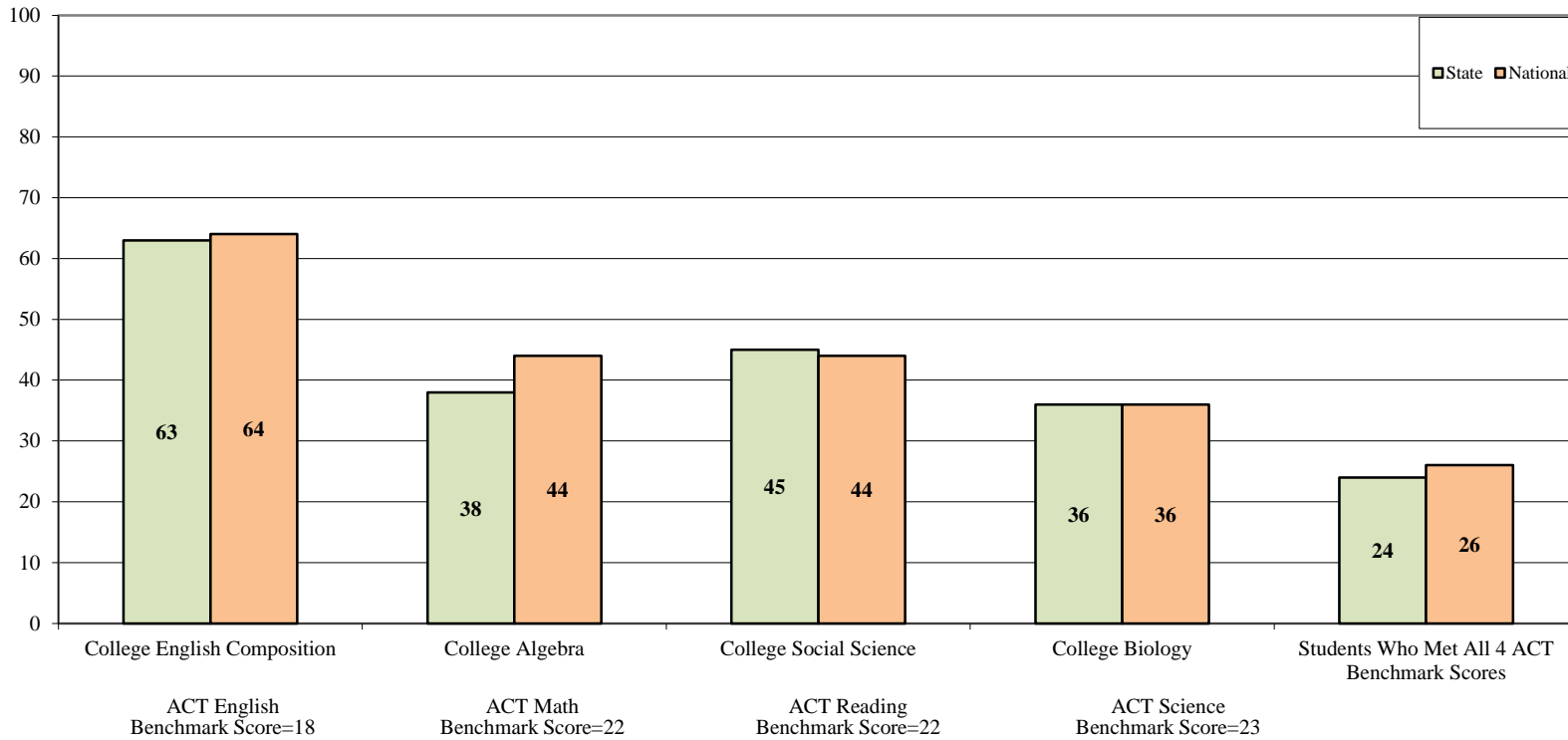
Section I

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: 34,514

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	23,229	1,480,469	73	67	44	42	62	53	32	28	25	23
2010	24,824	1,568,835	74	66	45	43	61	52	32	29	26	24
2011	25,161	1,623,112	73	66	47	45	60	52	33	30	27	25
2012	32,835	1,666,017	64	67	40	46	54	52	29	31	23	25
2013	34,514	1,799,243	63	64	38	44	45	44	36	36	24	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	23,229	1,480,469	21.4	20.6	21.1	21.0	22.6	21.4	21.6	20.9	21.8	21.1
2010	24,824	1,568,835	21.4	20.5	21.1	21.0	22.5	21.3	21.7	20.9	21.8	21.0
2011	25,161	1,623,112	21.4	20.6	21.2	21.1	22.3	21.3	21.7	20.9	21.8	21.1
2012	32,835	1,666,017	20.0	20.5	20.3	21.1	21.3	21.3	20.8	20.9	20.7	21.1
2013	34,514	1,799,243	19.9	20.2	20.2	20.9	21.3	21.1	20.8	20.7	20.7	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: 34,514

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	16,390	6,586	71	28	22.1	19.8	21.8	19.6	23.2	21.2	22.2	20.2	22.4	20.3
2010	17,794	6,768	72	27	22.2	19.4	21.8	19.3	23.2	20.9	22.3	20.1	22.5	20.0
2011	19,125	5,741	76	23	22.1	19.2	21.9	19.3	22.9	20.5	22.3	20.1	22.4	19.9
2012	21,543	9,948	66	30	21.5	17.5	21.5	18.3	22.5	19.2	21.9	18.9	22.0	18.6
2013	22,157	10,757	64	31	21.5	17.4	21.4	18.2	22.6	19.1	22.0	18.8	22.0	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.

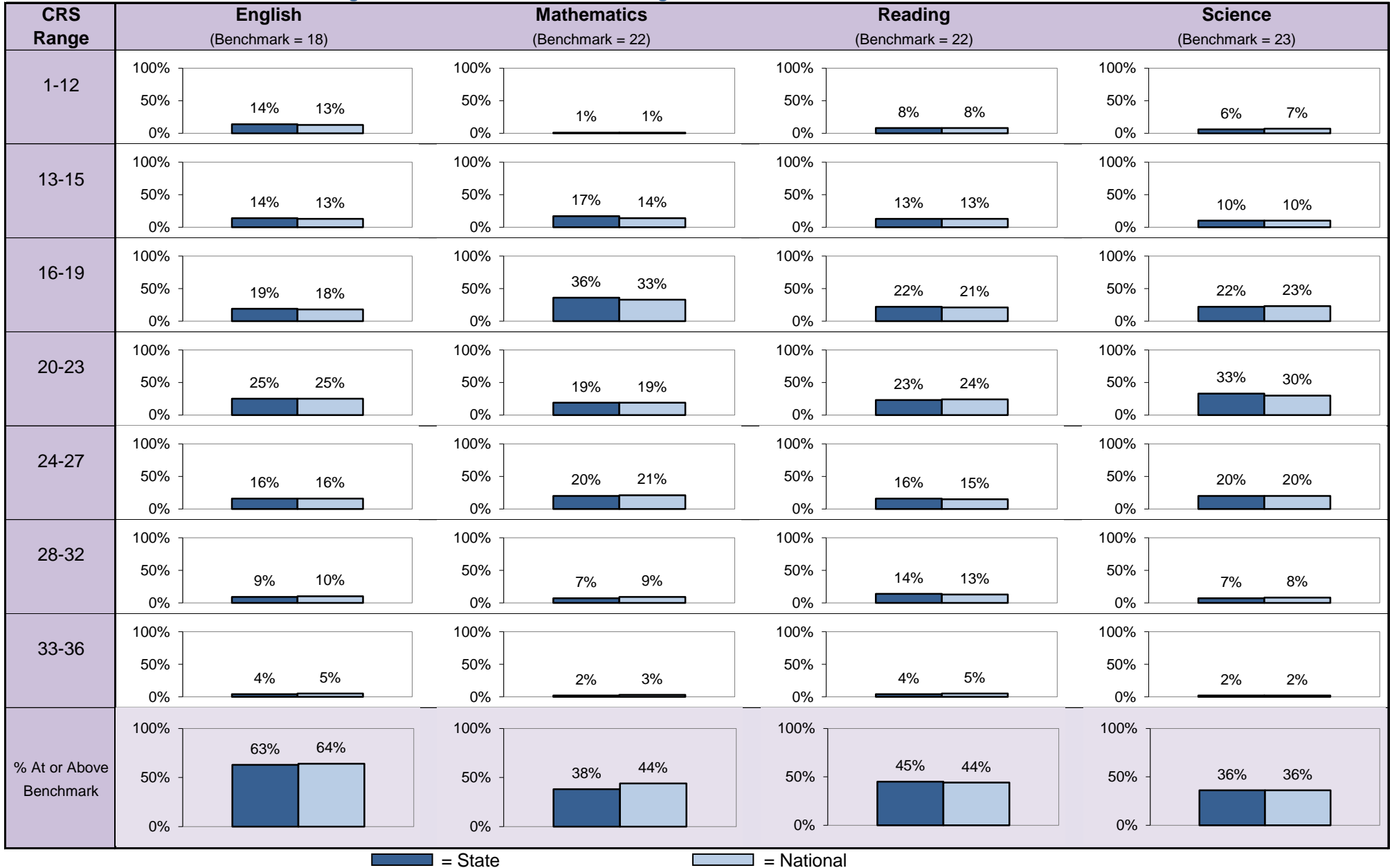
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	23,229	100	21.8	24,824	100	21.8	25,161	100	21.8	32,835	100	20.7	34,514	100	20.7
Black/African American	228	1	18.1	264	1	18.1	265	1	18.2	352	1	16.9	354	1	17.0
American Indian/Alaska Native	241	1	17.9	262	1	17.8	223	1	18.5	342	1	16.4	346	1	16.1
White	19,014	82	22.2	20,153	81	22.2	19,926	79	22.3	23,977	73	21.5	25,253	73	21.5
Hispanic/Latino	1,386	6	18.8	1,636	7	18.6	2,359	9	18.9	4,171	13	17.6	4,570	13	17.6
Asian	829	4	20.9	914	4	20.7	699	3	21.6	651	2	20.9	703	2	20.7
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	241	1	18.0	392	1	17.2	420	1	16.8
Two or more races	449	2	21.7	566	2	22.0	568	2	21.9	972	3	20.6	1,186	3	20.7
Prefer not to respond/No response	1,082	5	21.9	1,029	4	21.0	880	3	21.6	1,978	6	19.7	1,682	5	19.7

Total Students in Report: 34,514

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



Total Students in Report: 34,514

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	33,314	97	20.1	20.3	21.4	20.9	20.8
	Extended Time	1,200	3	14.0	16.1	16.2	16.2	15.7
	Total	34,514	100	19.9	20.2	21.3	20.8	20.7
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	64	39	46	37	25
	Extended Time	21	9	17	11	6
	Total	63	38	45	36	24
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: 34,514

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	82	100	52	100	212	100	109	100	14	100	36
35	317	100	113	100	315	99	162	100	76	100	35
34	325	99	200	100	384	98	197	99	161	100	34
33	556	98	197	99	576	97	121	99	192	99	33
32	422	96	206	98	669	96	282	98	336	99	32
31	508	95	215	98	1,275	94	364	97	483	98	31
30	583	94	426	97	911	90	491	96	641	96	30
29	647	92	481	96	970	87	653	95	788	94	29
28	914	90	922	95	1,004	85	724	93	983	92	28
27	877	87	1,265	92	1,129	82	904	91	1,266	89	27
26	1,264	85	1,705	88	1,184	78	1,289	88	1,520	86	26
25	1,517	81	1,799	83	1,258	75	1,980	85	1,705	81	25
24	1,798	77	2,038	78	2,063	71	2,844	79	1,896	76	24
23	1,708	72	1,836	72	1,977	65	2,359	71	2,047	71	23
22	2,022	67	1,734	67	1,634	60	2,533	64	2,355	65	22
21	2,510	61	1,734	62	2,704	55	3,502	57	2,478	58	21
20	2,501	53	1,148	57	1,751	47	2,969	46	2,518	51	20
19	1,559	46	2,004	53	2,423	42	2,273	38	2,364	44	19
18	1,484	42	2,596	48	1,626	35	2,182	31	2,344	37	18
17	1,426	37	3,555	40	2,031	30	1,528	25	2,202	30	17
16	2,000	33	4,281	30	1,394	24	1,484	20	2,063	24	16
15	2,101	28	3,593	17	1,436	20	1,299	16	1,769	18	15
14	1,765	21	1,431	7	1,723	16	1,159	12	1,619	12	14
13	930	16	761	3	1,184	11	1,100	9	1,331	8	13
12	1,080	14	125	1	1,323	8	762	6	894	4	12
11	1,261	10	81	1	815	4	571	4	354	1	11
10	905	7	5	1	283	2	464	2	88	1	10
9	728	4	5	1	141	1	117	1	15	1	9
8	431	2	3	1	60	1	60	1	6	1	8
7	173	1	0	1	14	1	17	1	5	1	7
6	86	1	1	1	28	1	9	1	1	1	6
5	24	1	0	1	10	1	1	1	0	1	5
4	8	1	2	1	1	1	4	1	0	1	4
3	1	1	0	1	2	1	0	1	0	1	3
2	0	1	0	1	3	1	0	1	0	1	2
1	1	1	0	1	1	1	1	1	0	1	1
Avg (SD)	19.9 (6.4)		20.2 (4.9)		21.3 (6.2)		20.8 (5.1)		20.7 (5.2)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 34,514

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	711	100	447	100	670	100	1,028	100	891	100	115	100	159	100	18
17	1,345	98	535	99	1,598	98	1,604	97	1,077	97	207	100	109	100	17
16	1,316	94	1,372	97	2,168	93	2,058	92	1,175	94	440	99	802	99	16
15	1,311	90	2,177	93	1,696	87	2,367	86	1,709	91	1,501	98	1,618	97	15
14	1,377	86	2,167	87	2,547	82	1,712	80	1,796	86	2,192	93	2,244	92	14
13	1,977	82	2,741	81	2,558	75	2,669	75	2,315	81	4,086	87	2,722	86	13
12	2,508	77	3,997	73	3,521	67	2,602	67	3,166	74	3,145	75	4,025	78	12
11	3,000	69	3,578	61	3,012	57	4,380	59	3,105	65	3,777	66	4,083	66	11
10	3,971	61	3,349	51	3,032	49	2,550	47	3,287	56	5,178	55	3,643	54	10
9	3,259	49	3,825	41	4,421	40	3,258	39	2,210	46	4,005	40	6,498	44	9
8	2,776	40	3,133	30	2,927	27	2,449	30	3,963	40	3,764	29	3,498	25	8
7	2,722	32	2,261	21	2,804	18	2,020	23	5,176	28	2,803	18	1,256	15	7
6	3,078	24	2,041	14	1,642	10	1,851	17	2,708	13	1,913	10	1,881	11	6
5	2,130	15	1,046	8	1,404	6	2,497	11	1,066	6	370	4	1,010	6	5
4	1,496	9	1,180	5	152	1	765	4	559	3	610	3	438	3	4
3	1,134	4	556	2	264	1	471	2	228	1	152	1	297	2	3
2	367	1	98	1	72	1	224	1	74	1	179	1	131	1	2
1	36	1	11	1	26	1	9	1	9	1	77	1	100	1	1
Avg (SD)	9.7 (3.9)		10.4 (3.4)		10.9 (3.5)		10.7 (3.9)		10.2 (3.5)		10.2 (2.9)		10.2 (2.9)		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	24	26	24	24
Q2 (50th Percentile)	20	19	21	21	20
Q1 (25th Percentile)	15	16	17	18	17

Total Students in Report: 34,514

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	34,514	64	22.0	18.5
	Black/African American	354	50	18.7	15.5
	American Indian/Alaska Native	346	49	17.4	15.2
	White	25,253	67	22.6	19.2
	Hispanic/Latino	4,570	57	19.0	16.1
	Asian	703	70	21.7	18.9
	Native Hawaiian/Other Pac. Isl.	420	61	17.5	16.0
	Two or more races	1,186	67	21.8	18.7
	Prefer not/No Response	1,682	48	22.1	18.0
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	19.9	20.2	21.3	20.8	20.7
	Black/African American	15.9	17.0	17.1	17.6	17.0
	American Indian/Alaska Native	14.0	16.7	16.5	16.8	16.1
	White	20.9	20.8	22.1	21.5	21.5
	Hispanic/Latino	16.2	17.7	18.0	18.1	17.6
	Asian	19.2	22.1	20.0	21.0	20.7
	Native Hawaiian/Other Pac. Isl.	15.3	17.2	17.0	17.2	16.8
	Two or more races	20.1	20.1	21.4	20.7	20.7
	Prefer not/No Response	18.8	19.3	20.4	19.8	19.7
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: 34,514

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	1,280	4	562	2	1,487	4	589	2
	28 to 32	3,074	9	2,250	7	4,829	14	2,514	7
	24 to 27	5,456	16	6,807	20	5,634	16	7,017	20
	20 to 23	8,741	25	6,452	19	8,066	23	11,363	33
	16 to 19	6,469	19	12,436	36	7,474	22	7,467	22
	13 to 15	4,796	14	5,785	17	4,343	13	3,558	10
	01 to 12	4,698	14	222	1	2,681	8	2,006	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	16,884	49	19.4	20.7	21.0	21.2	20.7
	Females	17,219	50	20.5	19.8	21.6	20.4	20.7
	Missing	411	1	15.8	17.4	17.7	17.6	17.2
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	59	42	44	41	27
	Females	67	35	47	32	22
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 34,514

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	22,157	73	21.5	49	21.4	54	22.6	45	22.0	32	22.0
	Less than Core	10,757	46	17.4	21	18.2	31	19.1	21	18.8	12	18.5
	Missing ³	1,600	29	15.0	11	16.7	21	17.0	13	17.0	6	16.5
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	30,141	66	20.4	30,365	43	20.8	29,521	49	21.9	26,100	42	21.6
	Less than Core	3,192	42	16.8	2,794	4	15.8	3,687	23	17.8	7,068	19	18.5
	Missing ³	1,181	33	15.4	1,355	11	16.7	1,306	23	17.3	1,346	14	17.2
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

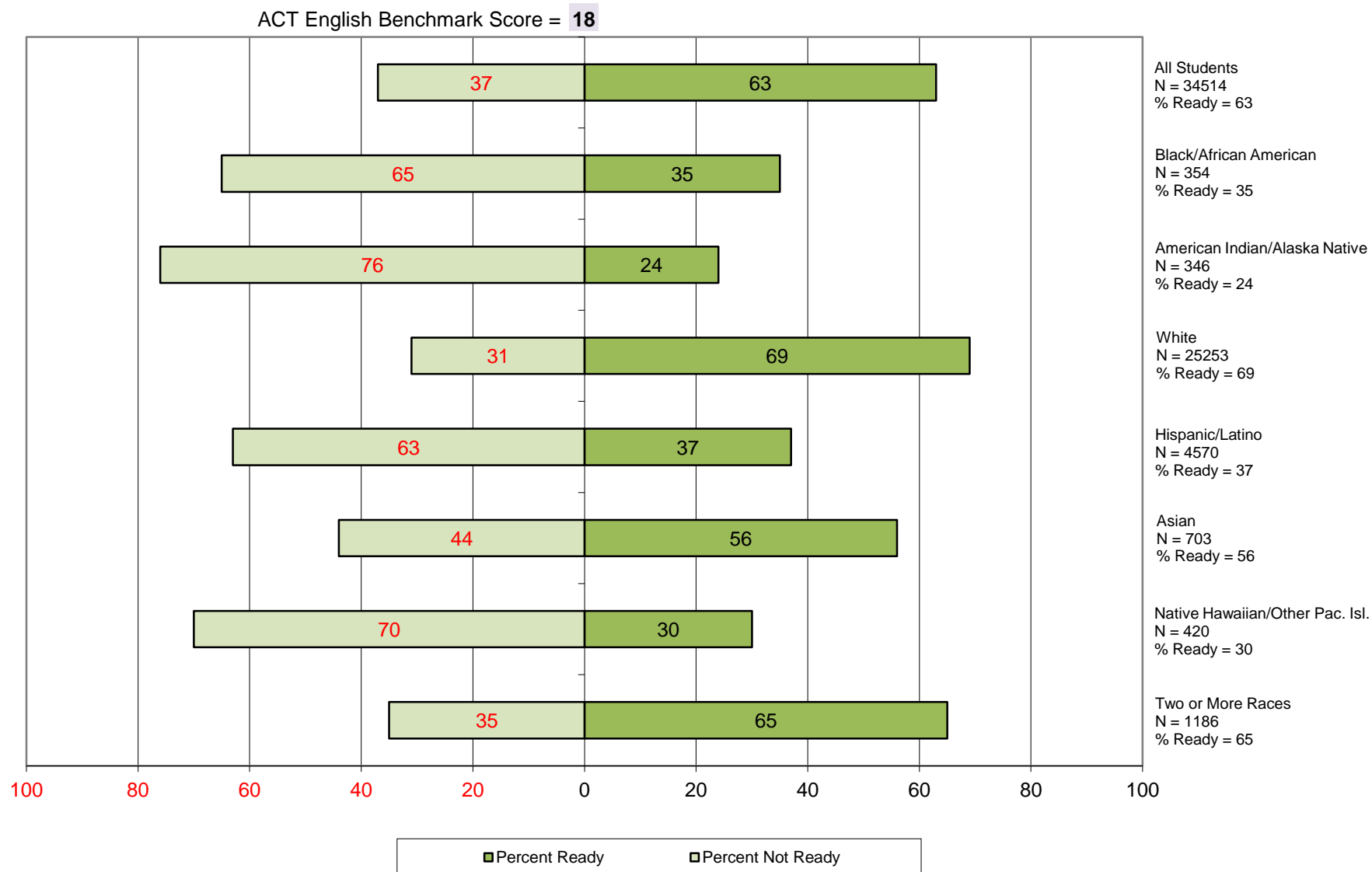


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

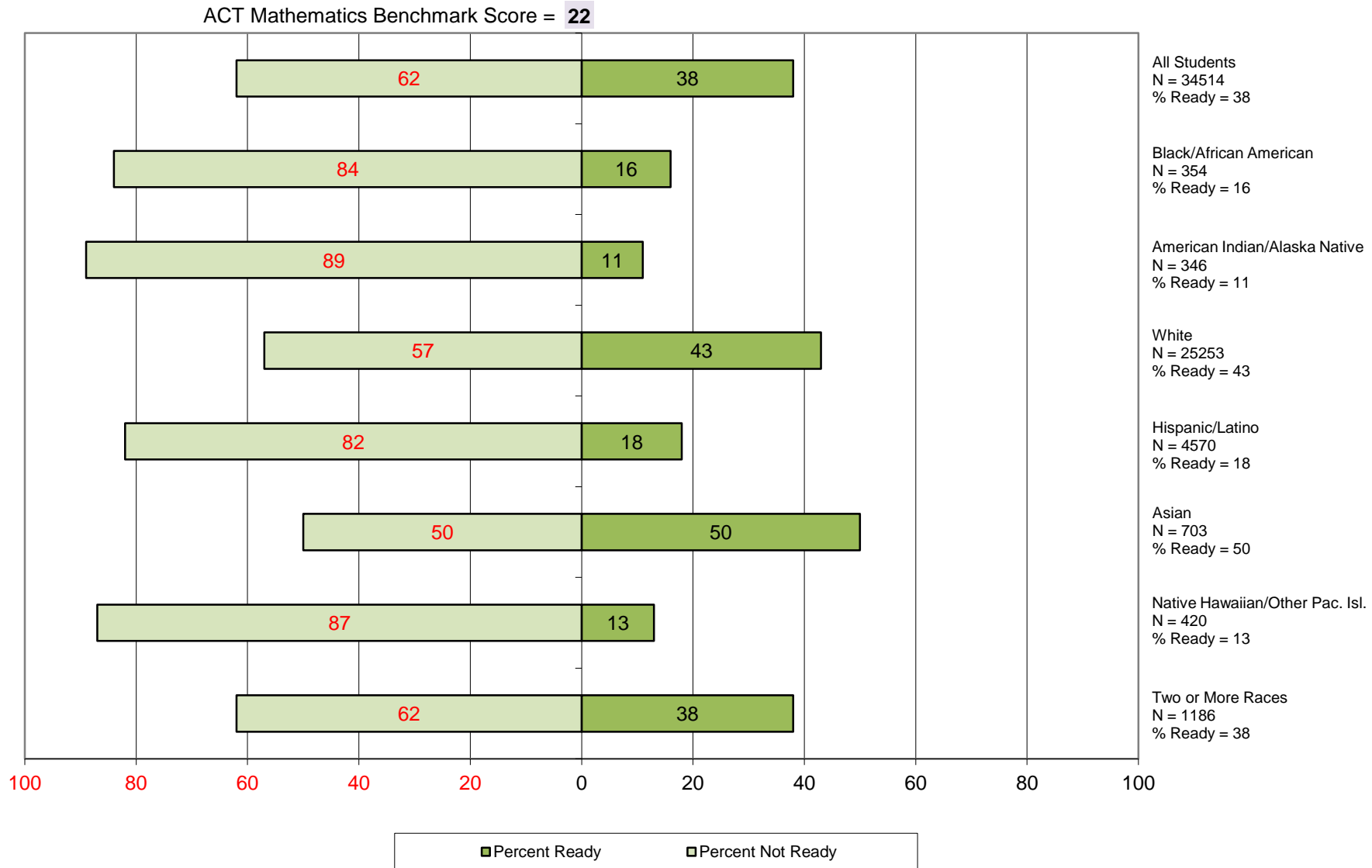
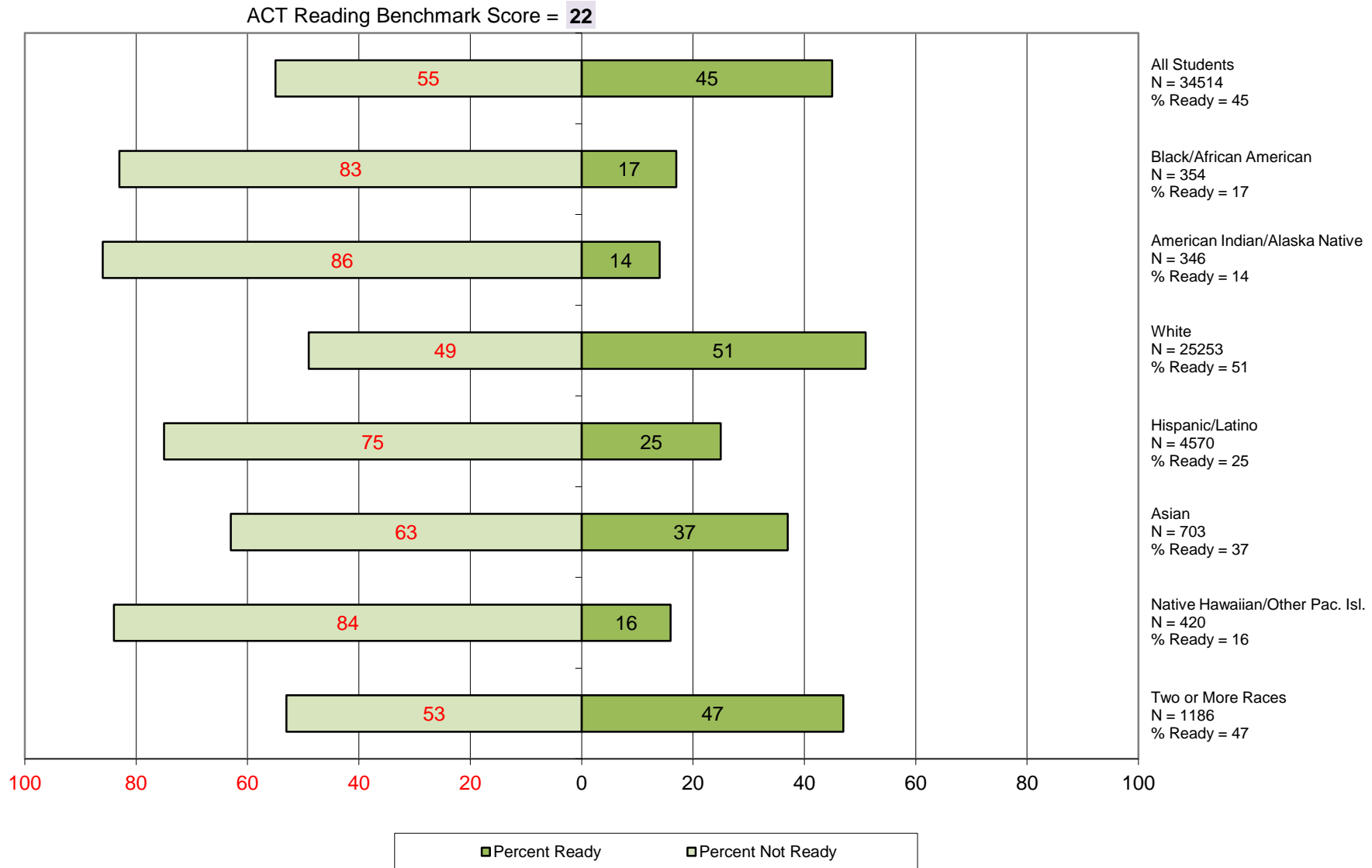
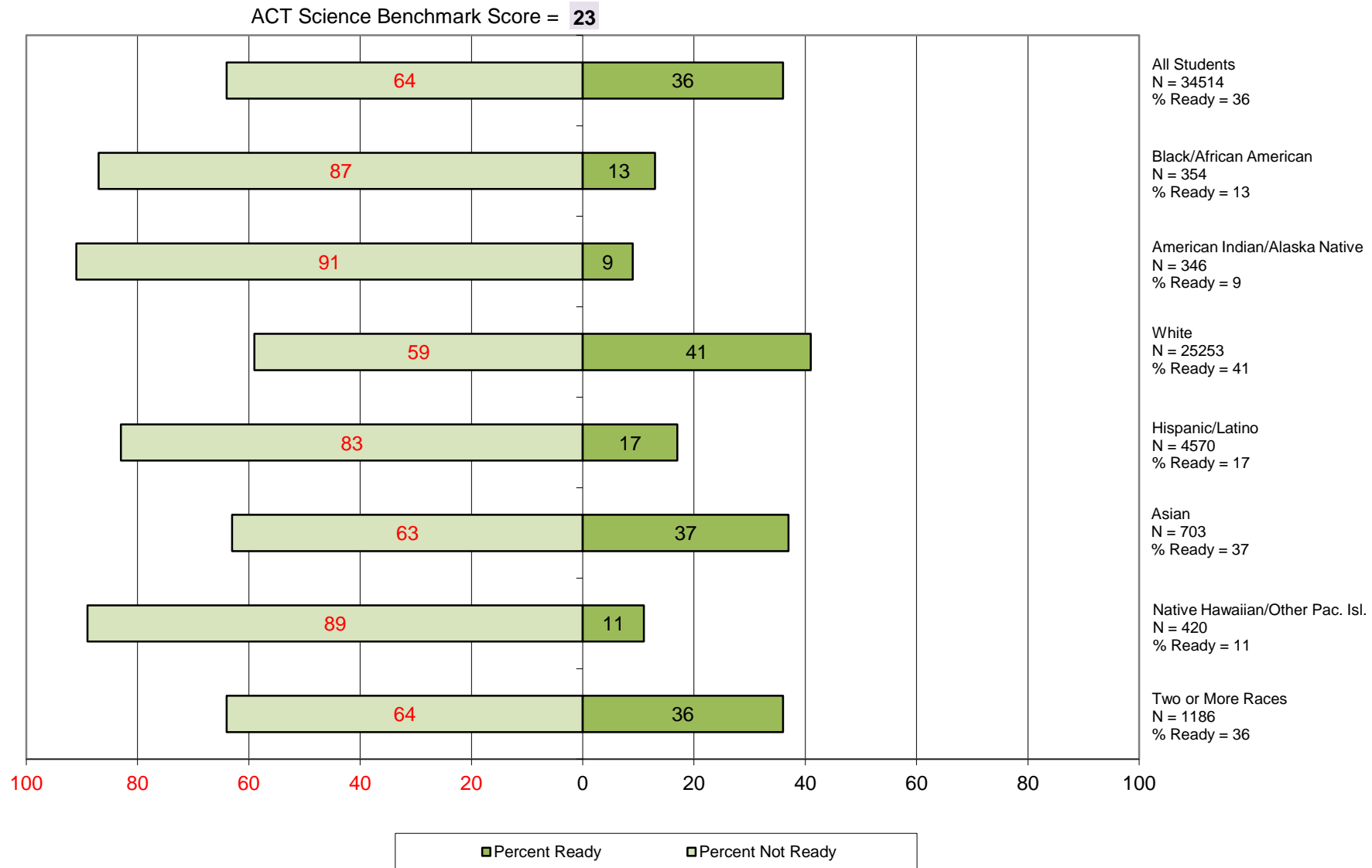


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



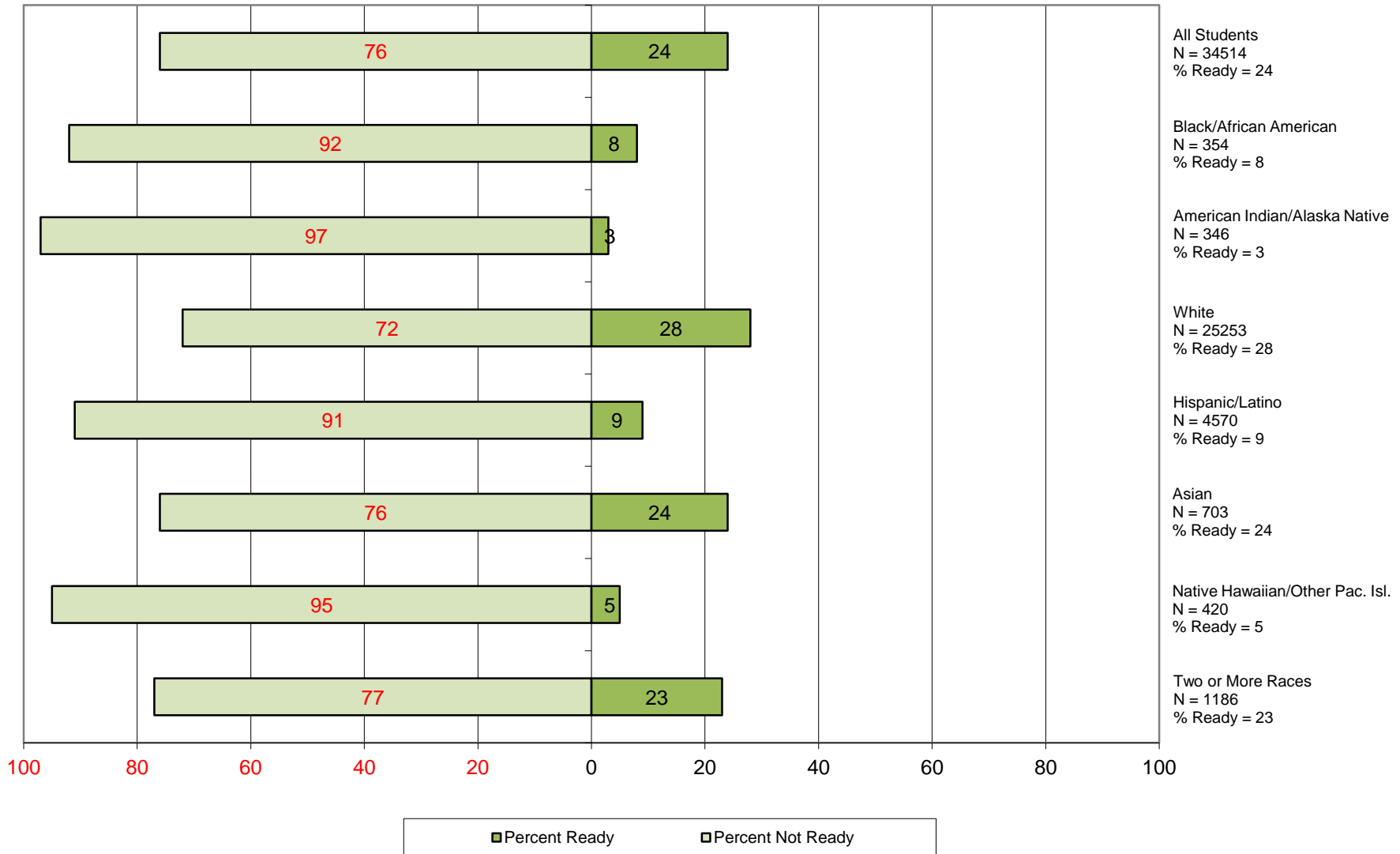
Total Students in Report: 34,514

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



Total Students in Report: 34,514

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



Total Students in Report: 34,514

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	7,930	23	21.5	4.7	3,390	20	21.1	4.8	4,486	26	21.8	4.2
Eng 9, Eng 10, Eng 11, Eng 12	22,211	64	20.0	3.2	11,105	66	19.7	3.4	10,919	63	20.5	2.9
Less than 4 years of English	3,192	9	16.8	-	1,778	11	16.3	-	1,341	8	17.6	-
Zero years / no English courses reported	1,181	3	15.4	-	611	4	15.1	-	473	3	16.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,136	3	23.1	7.3	605	4	23.7	7.7	526	3	22.3	6.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,905	6	22.5	6.7	735	4	23.0	7.0	1,162	7	22.2	6.6
Alg 1, Alg 2, Geom, & Trig	974	3	19.4	3.6	465	3	19.7	3.7	492	3	19.1	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	6,156	18	20.0	4.2	2,572	15	20.4	4.4	3,547	21	19.7	4.1
Other comb of 4 or more years of Math	11,839	34	23.0	7.2	6,204	37	23.7	7.7	5,570	32	22.4	6.8
Alg 1, Alg 2, & Geom	6,491	19	17.0	1.2	3,144	19	17.3	1.3	3,239	19	16.8	1.2
Other comb of 3 or 3.5 years of Math	1,864	5	19.2	3.4	979	6	19.6	3.6	871	5	18.7	3.1
Less than 3 years of Math	2,794	8	15.8	-	1,469	9	16.0	-	1,271	7	15.6	-
Zero years / no Math courses reported	1,355	4	16.7	-	711	4	17.0	-	541	3	16.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	474	1	20.8	3.0	251	1	20.7	2.9	221	1	20.9	2.9
Other comb of 4 or more years Social Science	17,749	51	22.5	4.7	8,097	48	22.4	4.6	9,539	55	22.7	4.7
US Hist, World Hist, & Am Gov	1,216	4	19.1	1.3	688	4	19.1	1.3	508	3	19.3	1.3
Other comb of 3 or 3.5 years of Social Science	10,082	29	21.1	3.3	4,926	29	21.0	3.2	5,049	29	21.2	3.2
Less than 3 years of Social Science	3,687	11	17.8	-	2,226	13	17.8	-	1,394	8	18.0	-
Zero years / no Social Science courses reported	1,306	4	17.3	-	696	4	17.0	-	508	3	18.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	11,599	34	22.1	3.6	6,134	36	22.6	4.1	5,402	31	21.5	2.9
Bio, Chem, Phys	2,990	9	24.5	6.0	1,527	9	25.2	6.7	1,442	8	23.8	5.2
Gen Sci ² , Bio, Chem	8,441	24	20.2	1.7	3,379	20	20.4	1.9	4,984	29	20.1	1.5
Other comb of 3 years of Natural Science	3,070	9	20.4	1.9	1,860	11	20.9	2.4	1,182	7	19.7	1.1
Less than 3 years of Natural Science	7,068	20	18.5	-	3,280	19	18.5	-	3,669	21	18.6	-
Zero years / no Natural Science courses reported	1,346	4	17.2	-	704	4	17.3	-	540	3	17.5	-

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: 34,514

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	7,930	23	21.5	73	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	22,211	64	20.0	63	1,265,911	70	20.3	65
Less than 4 years of English	3,192	9	16.8	42	84,048	5	15.9	36
Zero years / no English courses reported	1,181	3	15.4	33	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,136	3	23.1	64	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,905	6	22.5	62	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	974	3	19.4	31	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	6,156	18	20.0	35	336,291	19	19.6	32
Other comb of 4 or more years of Math	11,839	34	23.0	63	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	6,491	19	17.0	9	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	1,864	5	19.2	29	88,866	5	19.7	34
Less than 3 years of Math	2,794	8	15.8	4	77,906	4	16.3	7
Zero years / no Math courses reported	1,355	4	16.7	11	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	474	1	20.8	42	50,989	3	22.2	51
Other comb of 4 or more years Social Science	17,749	51	22.5	53	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	1,216	4	19.1	31	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	10,082	29	21.1	43	489,586	27	21.0	43
Less than 3 years of Social Science	3,687	11	17.8	23	171,617	10	19.1	32
Zero years / no Social Science courses reported	1,306	4	17.3	23	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	11,599	34	22.1	47	767,293	43	21.9	46
Bio, Chem, Phys	2,990	9	24.5	67	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	8,441	24	20.2	30	504,165	28	19.9	28
Other comb of 3 years of Natural Science	3,070	9	20.4	33	51,822	3	19.1	25
Less than 3 years of Natural Science	7,068	20	18.5	19	218,267	12	18.0	17
Zero years / no Natural Science courses reported	1,346	4	17.2	14	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: 34,514

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	561	2	18.8	80	3	16.0	441	2	19.6
Architecture	380	1	20.6	24	1	17.2	320	1	21.0
Area, Ethnic, & Multidisciplinary Studies	38	0	20.8	3	0	19.0	33	0	20.7
Arts: Visual & Performing	3,357	10	20.5	388	15	16.7	2,726	10	21.2
Business	2,284	7	20.9	181	7	17.3	1,973	7	21.3
Communications	423	1	21.3	23	1	17.3	372	1	21.7
Community, Family, & Personal Services	1,377	4	18.5	289	11	16.7	983	4	19.2
Computer Science & Mathematics	816	2	23.0	57	2	16.7	705	3	23.7
Education	1,609	5	21.0	74	3	16.4	1,457	5	21.3
Engineering	1,938	6	23.5	84	3	16.7	1,747	6	24.0
Engineering Technology & Drafting	544	2	20.3	56	2	15.8	461	2	21.0
English & Foreign Languages	592	2	23.4	25	1	19.4	546	2	23.7
Health Administration & Assisting	1,243	4	18.9	102	4	16.5	1,035	4	19.3
Health Sciences & Technologies	6,521	19	21.0	260	10	16.8	5,965	22	21.3
Philosophy, Religion, & Theology	83	0	21.3	5	0	17.4	70	0	21.8
Repair, Production, & Construction	730	2	18.1	210	8	16.3	442	2	19.2
Sciences: Biological & Physical	1,502	4	23.5	35	1	18.0	1,387	5	23.7
Social Sciences & Law	2,375	7	21.4	77	3	17.4	2,166	8	21.7
Undecided	4,743	14	21.3	324	13	16.9	3,613	13	22.0
No Response	3,299	10	17.0	242	9	14.3	394	1	16.4

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

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

Total Students in Report: 34,514

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	597	16.1	7	13.3	12	13.7	387	16.9	130	14.0
2-yr College Degree	1,973	16.6	33	14.3	36	14.8	1,323	17.3	374	15.1
Bachelors Degree	14,257	20.3	134	17.2	134	16.1	10,993	20.9	1,681	17.5
Graduate Study	5,383	23.1	33	19.6	32	18.1	4,296	23.6	478	20.0
Prof. Level Degree	7,249	22.8	61	19.9	68	17.4	5,262	23.5	956	20.0
Other	659	17.1	6	12.7	17	15.3	430	17.8	116	14.8
No Response	4,396	18.3	80	15.2	47	15.0	2,562	19.3	835	16.0

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	597	16.1	11	17.0	5	17.2	11	17.3	34	15.6
2-yr College Degree	1,973	16.6	22	15.3	29	14.6	51	17.4	105	15.9
Bachelors Degree	14,257	20.3	197	18.8	164	16.6	477	20.1	477	19.6
Graduate Study	5,383	23.1	99	23.4	47	19.0	184	22.6	214	22.9
Prof. Level Degree	7,249	22.8	219	23.7	66	18.7	309	22.3	308	22.6
Other	659	17.1	16	18.6	9	14.3	20	19.4	45	16.9
No Response	4,396	18.3	139	18.2	100	15.7	134	18.3	499	17.9

Total Students in Report: 34,514

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 UTAH	Utah	13,751	5,198	8,553	3	11	23	29	21	12	1
UTAH STATE UNIVERSITY	Utah	10,737	3,134	7,603	2	8	22	30	24	13	1
BRIGHAM YOUNG UNIVERSITY	Utah	8,374	4,143	4,231	2	5	14	28	30	19	2
UTAH VALLEY UNIVERSITY	Utah	8,271	1,975	6,296	3	12	27	31	20	7	1
WEBER STATE UNIVERSITY	Utah	6,160	1,901	4,259	4	14	29	30	17	6	1
SOUTHERN UTAH UNIVERSITY	Utah	5,457	1,259	4,198	2	9	27	33	21	8	0
DIXIE STATE COLLEGE OF UTAH	Utah	4,849	1,262	3,587	4	17	35	29	12	3	0
SALT LAKE COMMUNITY COLLEGE	Utah	4,257	1,296	2,961	8	22	32	24	11	3	0
SNOW COLLEGE	Utah	3,720	795	2,925	4	16	32	29	15	4	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	2,522	2,522	0	8	25	31	23	9	4	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	2,018	287	1,731	0	3	16	30	32	17	2
WESTMINSTER COLLEGE	Utah	1,925	293	1,632	4	14	22	29	19	10	1
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	1,058	200	858	2	5	19	34	28	12	1
NCAA ELIGIBILITY CENTER	Indiana	920	400	520	3	11	28	29	21	7	1
ARIZONA STATE UNIVERSITY	Arizona	585	136	449	4	10	24	31	20	9	1
LDS BUSINESS COLLEGE	Utah	483	87	396	8	20	30	21	16	5	0
STANFORD UNIVERSITY	California	482	88	394	1	2	8	13	26	37	14
UNIVERSITY OF SOUTHERN CALIFORNIA	California	447	88	359	2	12	25	27	19	13	2
PROVO COLLEGE	Utah	443	39	404	14	32	34	14	6	1	0
UTAH ST UNIV-COLL OF EASTERN UTAH	Utah	404	135	269	3	22	34	24	13	3	0
UNIVERSITY OF OREGON	Oregon	334	52	282	2	7	25	29	24	13	1
STATE-NO COLLEGE PLANS	Iowa	302	302	0	19	36	29	11	3	1	0
HARVARD COLLEGE	Massachusetts	275	36	239	1	2	7	12	25	37	16
UNIVERSITY OF WASHINGTON	Washington	259	42	217	2	5	12	27	31	19	4
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	252	42	210	2	7	23	28	20	17	2
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	223	35	188	5	20	31	28	14	2	0
BOISE STATE UNIVERSITY	Idaho	222	36	186	5	16	27	30	15	6	0
UNIVERSITY OF ARIZONA	Arizona	209	32	177	4	11	20	30	27	7	1
SAN DIEGO STATE UNIVERSITY	California	199	42	157	3	7	31	31	18	10	1
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	181	35	146	0	1	2	9	28	39	21
All Other Institutions		11,816	2,391	9,425	5	15	24	23	18	13	2
Total		91,135	28,283	62,852	3	12	25	28	20	10	1

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: 34,514

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	3,974	942,769	24.5	21.3	7.6	7.0	23.4	20.5
Black/African American	44	114,751	20.8	16.3	7.2	6.1	20.4	16.0
American Indian/Alaska Native	16	6,031	18.6	16.8	6.9	6.1	18.4	16.4
White	2,926	518,407	25.0	22.9	7.6	7.2	23.8	21.9
Hispanic/Latino	408	151,504	21.4	18.6	7.4	6.8	21.0	18.3
Asian	184	54,580	24.2	23.5	7.6	7.6	23.3	22.7
Native Hawaiian/Other Pac. Isl.	32	2,812	19.0	19.5	7.0	6.9	18.8	19.2
Two or more races	159	35,355	24.7	21.5	7.7	7.0	23.6	20.6
Prefer not/No Response	205	59,329	25.1	21.8	7.6	7.1	23.8	20.9
Males	1,761	423,104	24.4	21.0	7.5	6.7	23.2	20.1
Females	2,213	513,945	24.6	21.6	7.7	7.2	23.6	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5

