

ACT Profile Report - State

Graduating Class 2014

Utah



Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Who Met College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT College Reportable Scores by Test Session Duration	
Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration	
 Section II: Academic Achievement	 Page 11
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Who Met College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
 Section III: College Readiness & Impact of Course Rigor	 Page 17
Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
 Section IV: Career and Educational Aspirations	 Page 25
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
 Section V: Optional Writing Test Results	 Page 29
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

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

25% 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: 35,074 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. 63% 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, 5% were college ready. 17% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 10% 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 19% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 43% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 53% 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

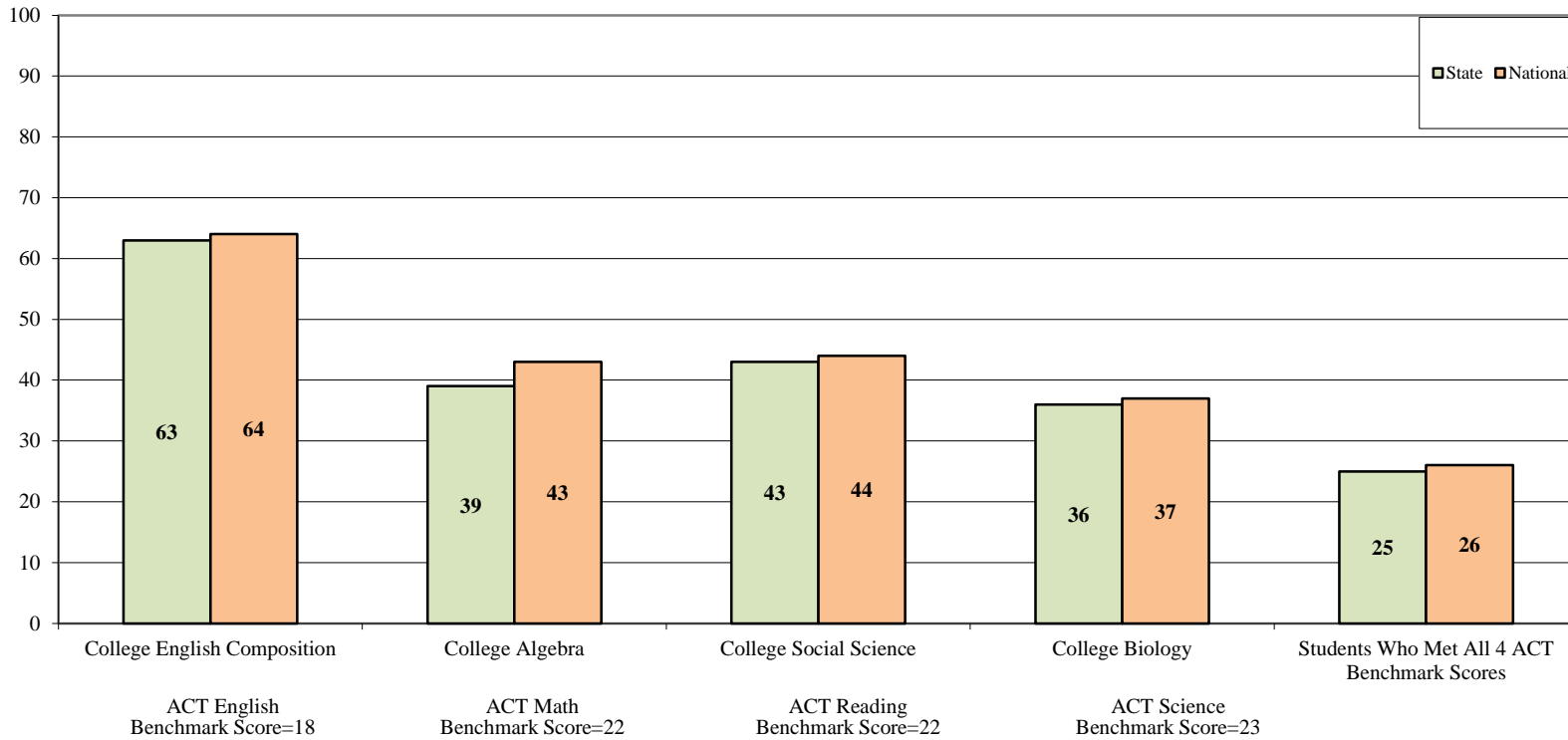
Executive Summary

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: 35,074

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	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
2014	35,074	1,845,787	63	64	39	43	43	44	36	37	25	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	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
2014	35,074	1,845,787	20.0	20.3	20.3	20.9	21.3	21.3	20.9	20.8	20.8	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: 35,074

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	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
2014	22,116	10,441	63	30	21.8	17.4	21.6	18.2	22.8	19.0	22.2	18.9	22.2	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.

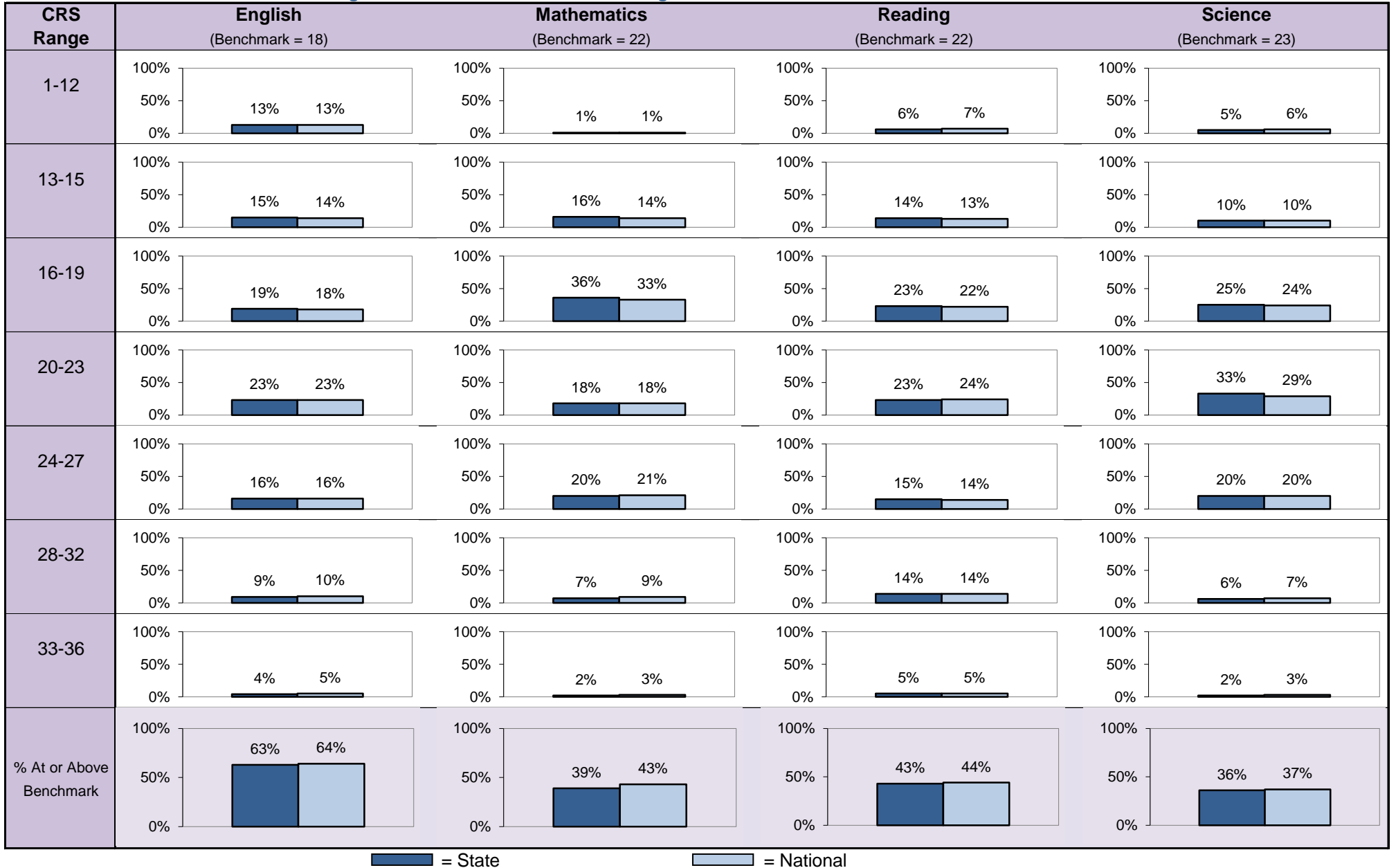
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	24,824	100	21.8	25,161	100	21.8	32,835	100	20.7	34,514	100	20.7	35,074	100	20.8
Black/African American	264	1	18.1	265	1	18.2	352	1	16.9	354	1	17.0	397	1	16.9
American Indian/Alaska Native	262	1	17.8	223	1	18.5	342	1	16.4	346	1	16.1	370	1	16.2
White	20,153	81	22.2	19,926	79	22.3	23,977	73	21.5	25,253	73	21.5	25,091	72	21.6
Hispanic/Latino	1,636	7	18.6	2,359	9	18.9	4,171	13	17.6	4,570	13	17.6	4,737	14	17.7
Asian	914	4	20.7	699	3	21.6	651	2	20.9	703	2	20.7	735	2	21.4
Native Hawaiian/Other Pacific Islander	0	0	.	241	1	18.0	392	1	17.2	420	1	16.8	476	1	17.2
Two or more races	566	2	22.0	568	2	21.9	972	3	20.6	1,186	3	20.7	1,162	3	21.0
Prefer not to respond/No response	1,029	4	21.0	880	3	21.6	1,978	6	19.7	1,682	5	19.7	2,106	6	19.2

Total Students in Report: 35,074

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



Total Students in Report: 35,074

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	33,726	96	20.3	20.5	21.5	21.0	20.9
	Extended Time	1,348	4	14.3	16.6	16.9	16.8	16.3
	Total	35,074	100	20.0	20.3	21.3	20.9	20.8
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	65	40	44	37	26
	Extended Time	26	13	20	13	8
	Total	63	39	43	36	25
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: 35,074

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	97	100	47	100	213	100	166	100	17	100	36
35	370	100	136	100	265	99	192	100	90	100	35
34	518	99	205	99	516	99	248	99	187	100	34
33	516	97	206	99	727	97	123	98	289	99	33
32	453	96	226	98	817	95	322	98	372	98	32
31	476	94	249	98	1,035	93	427	97	470	97	31
30	627	93	530	97	1,118	90	467	96	656	96	30
29	849	91	646	95	989	87	255	94	877	94	29
28	810	89	962	94	1,116	84	784	94	1,097	92	28
27	943	87	1,260	91	1,125	81	1,229	91	1,331	88	27
26	1,237	84	1,566	87	1,192	77	1,193	88	1,519	85	26
25	1,580	80	2,271	83	1,309	74	2,115	85	1,729	80	25
24	1,876	76	1,855	76	1,593	70	2,398	79	1,891	75	24
23	1,782	70	2,044	71	1,624	66	2,736	72	1,982	70	23
22	2,034	65	1,528	65	1,597	61	2,943	64	2,216	64	22
21	2,144	60	1,661	61	3,152	57	2,527	56	2,365	58	21
20	2,237	53	1,174	56	1,686	48	3,211	48	2,421	51	20
19	2,074	47	1,822	53	2,272	43	3,310	39	2,440	44	19
18	1,497	41	2,700	48	1,679	36	1,856	30	2,549	37	18
17	1,473	37	3,193	40	2,501	32	1,848	24	2,385	30	17
16	1,625	33	4,765	31	1,487	24	1,658	19	2,134	23	16
15	2,596	28	3,481	17	1,634	20	1,338	14	1,936	17	15
14	1,357	21	1,705	7	2,017	15	1,138	11	1,670	12	14
13	1,176	17	574	2	1,143	10	926	7	1,282	7	13
12	1,293	13	203	1	801	6	668	5	802	3	12
11	1,003	10	45	1	898	4	468	3	276	1	11
10	1,013	7	11	1	256	2	270	2	67	1	10
9	693	4	4	1	164	1	164	1	14	1	9
8	402	2	3	1	68	1	64	1	7	1	8
7	205	1	0	1	42	1	18	1	3	1	7
6	84	1	2	1	23	1	4	1	0	1	6
5	23	1	0	1	10	1	4	1	0	1	5
4	7	1	0	1	2	1	2	1	0	1	4
3	3	1	0	1	3	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	1	1	0	1	0	1	1	1	0	1	1
Avg (SD)	20.0 (6.5)		20.3 (5.0)		21.3 (6.3)		20.9 (5.0)		20.8 (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: 35,074

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	1,008	100	401	100	620	100	1,009	100	647	100	185	100	142	100	18
17	1,543	97	491	99	1,776	98	2,126	97	943	98	302	99	119	100	17
16	1,080	93	1,571	97	2,068	93	1,978	91	1,308	95	698	99	1,001	99	16
15	1,211	90	2,561	93	2,056	87	2,160	85	1,593	92	1,519	97	1,672	96	15
14	1,718	86	2,292	86	2,501	81	1,614	79	2,123	87	2,668	92	2,232	92	14
13	2,277	81	3,103	79	2,976	74	2,723	75	3,168	81	3,082	85	2,430	85	13
12	2,246	75	3,356	70	2,938	66	3,009	67	3,526	72	4,421	76	3,706	78	12
11	3,084	68	3,208	61	2,804	57	3,115	58	2,261	62	2,885	63	4,139	68	11
10	3,977	60	3,909	52	4,412	49	3,043	49	3,197	56	5,933	55	4,993	56	10
9	3,309	48	3,109	40	3,105	37	4,037	41	2,747	46	3,596	38	6,092	42	9
8	2,941	39	3,744	32	3,721	28	2,612	29	3,973	39	3,515	28	3,499	24	8
7	3,305	30	2,045	21	2,372	17	2,406	22	5,046	27	2,730	18	1,162	14	7
6	2,533	21	1,924	15	2,417	11	1,946	15	2,596	13	1,760	10	1,866	11	6
5	1,960	14	1,094	10	771	4	1,546	9	1,333	6	397	5	1,155	6	5
4	1,723	8	1,524	6	353	2	1,215	5	387	2	804	4	279	2	4
3	730	3	566	2	48	1	400	2	187	1	208	2	402	2	3
2	377	1	164	1	117	1	127	1	38	1	279	1	91	1	2
1	52	1	12	1	19	1	8	1	1	1	92	1	94	1	1
Avg (SD)	9.8 (3.9)		10.4 (3.5)		10.9 (3.5)		10.7 (3.8)		10.2 (3.4)		10.3 (3.0)		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: 35,074

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	35,074	63	22.2	18.5
	Black/African American	397	55	18.4	15.7
	American Indian/Alaska Native	370	39	17.9	15.3
	White	25,091	66	22.9	19.3
	Hispanic/Latino	4,737	55	19.0	16.3
	Asian	735	73	22.5	18.8
	Native Hawaiian/Other Pac. Isl.	476	60	18.0	16.1
	Two or more races	1,162	66	22.3	18.8
	Prefer not/No Response	2,106	45	21.9	17.2
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	20.0	20.3	21.3	20.9	20.8
	Black/African American	15.4	16.9	17.7	17.3	16.9
	American Indian/Alaska Native	13.9	16.7	16.6	17.1	16.2
	White	21.1	21.0	22.2	21.6	21.6
	Hispanic/Latino	16.3	17.6	18.1	18.2	17.7
	Asian	20.3	22.5	20.7	21.6	21.4
	Native Hawaiian/Other Pac. Isl.	15.9	17.4	17.5	17.6	17.2
	Two or more races	20.4	20.5	21.7	21.0	21.0
	Prefer not/No Response	18.2	18.9	19.9	19.6	19.2
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: 35,074

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	1,501	4	594	2	1,721	5	729	2
	28 to 32	3,215	9	2,613	7	5,075	14	2,255	6
	24 to 27	5,636	16	6,952	20	5,219	15	6,935	20
	20 to 23	8,197	23	6,407	18	8,059	23	11,417	33
	16 to 19	6,669	19	12,480	36	7,939	23	8,672	25
	13 to 15	5,129	15	5,760	16	4,794	14	3,402	10
	01 to 12	4,727	13	268	1	2,267	6	1,664	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	17,309	49	19.7	20.9	21.2	21.4	20.9
	Females	17,095	49	20.6	19.9	21.6	20.5	20.8
	Missing	670	2	14.9	16.9	17.0	17.5	16.7
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	60	43	43	41	28
	Females	67	36	45	33	23
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 35,074

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	22,116	74	21.8	50	21.6	53	22.8	46	22.2	33	22.2
	Less than Core	10,441	46	17.4	22	18.2	28	19.0	20	18.9	11	18.5
	Missing ³	2,517	35	15.6	15	17.2	21	17.5	15	17.8	7	17.2
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	29,930	67	20.7	30,054	44	20.9	29,233	48	22.0	26,042	43	21.7
	Less than Core	3,081	41	16.6	2,758	5	15.9	3,602	21	17.8	6,726	18	18.6
	Missing ³	2,063	37	16.0	2,262	15	17.2	2,239	22	17.8	2,306	15	17.9
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

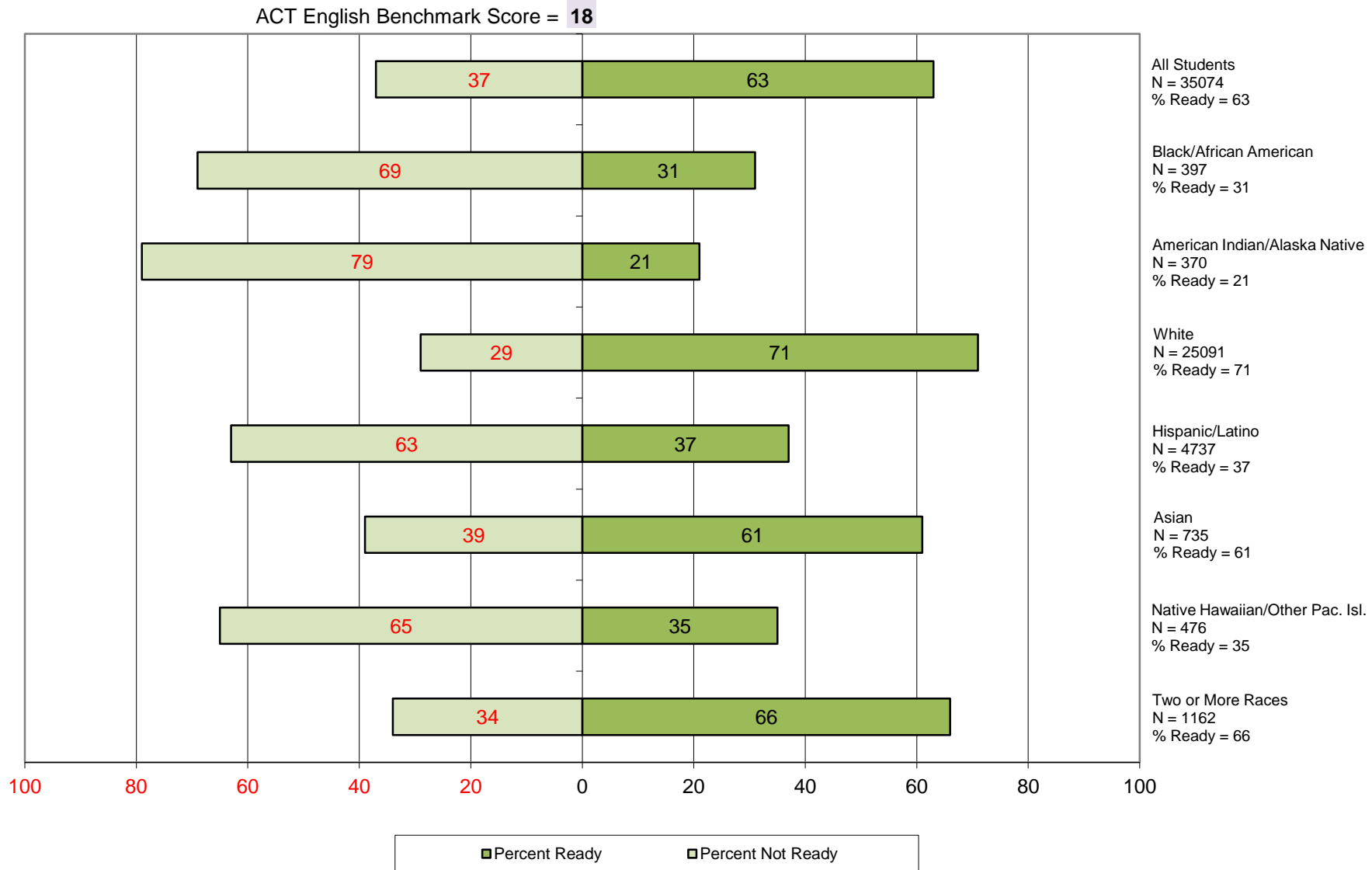
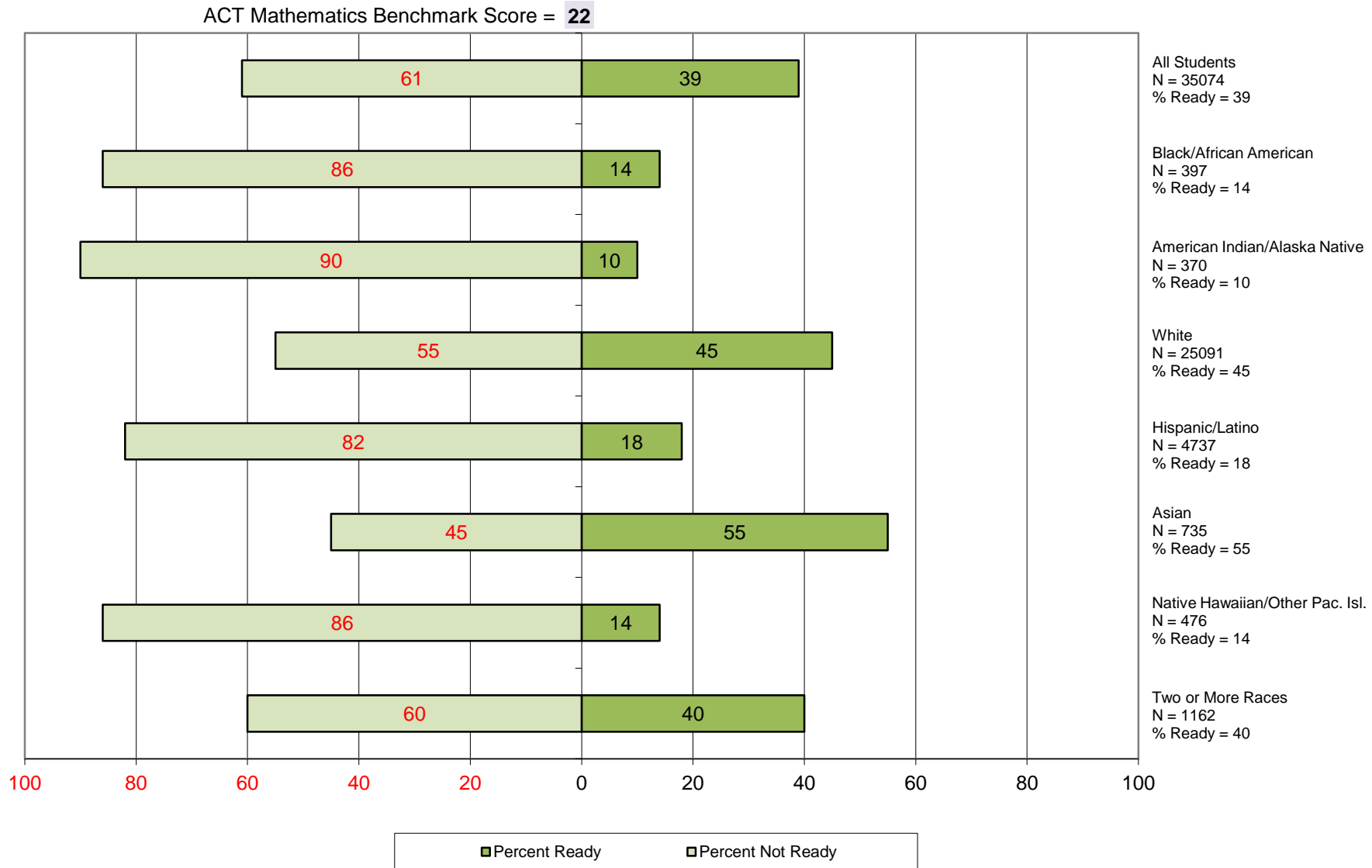
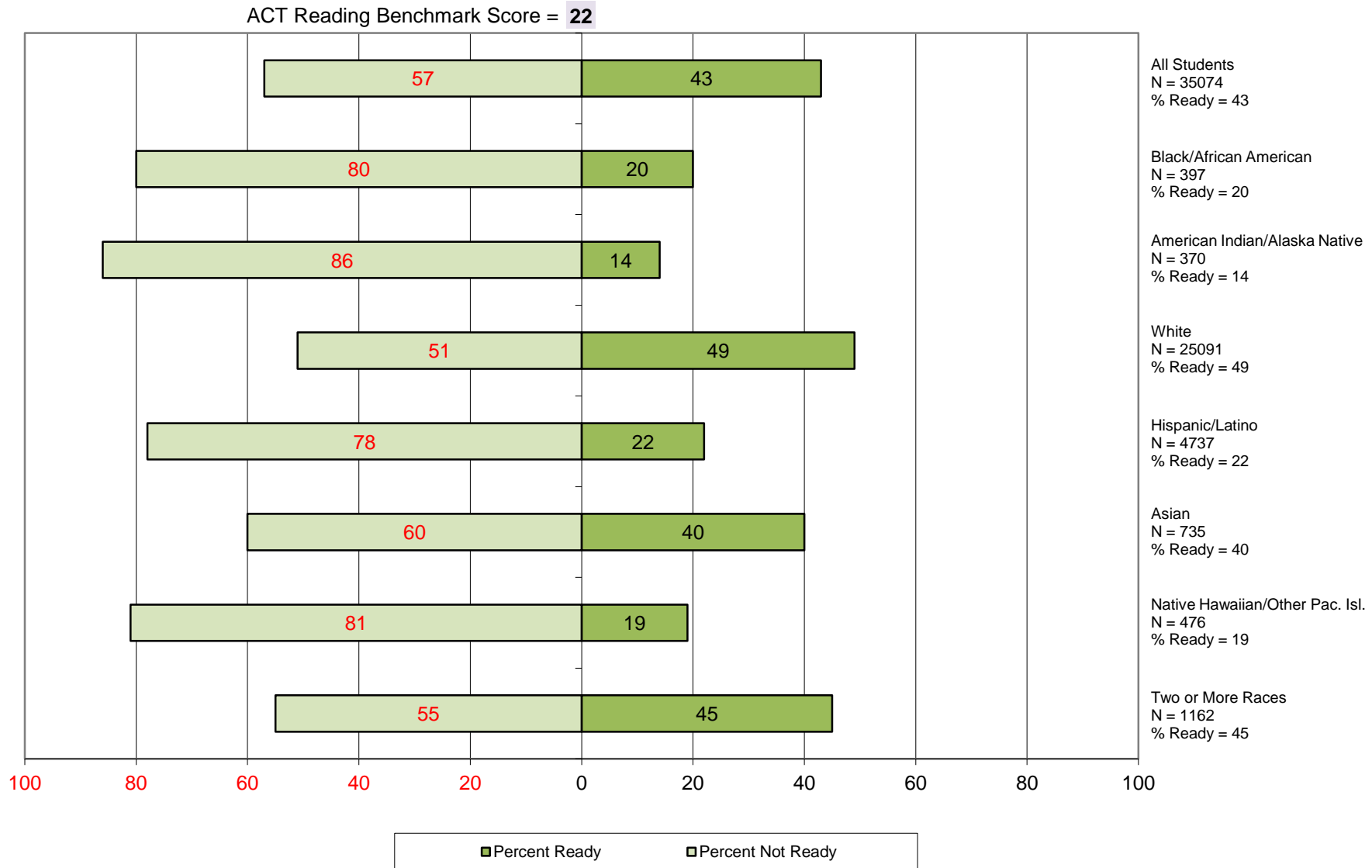


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS



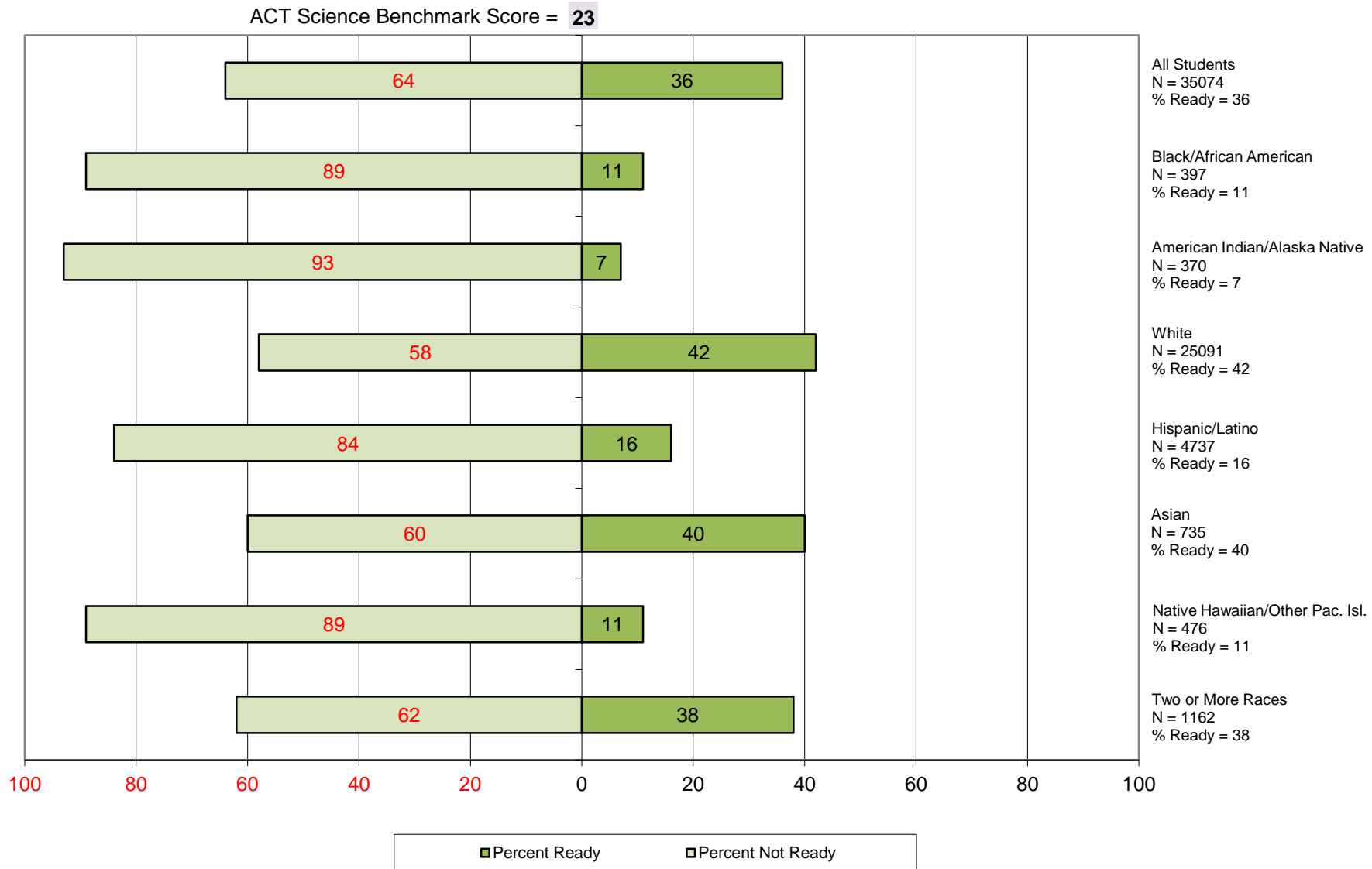
Total Students in Report: 35,074

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



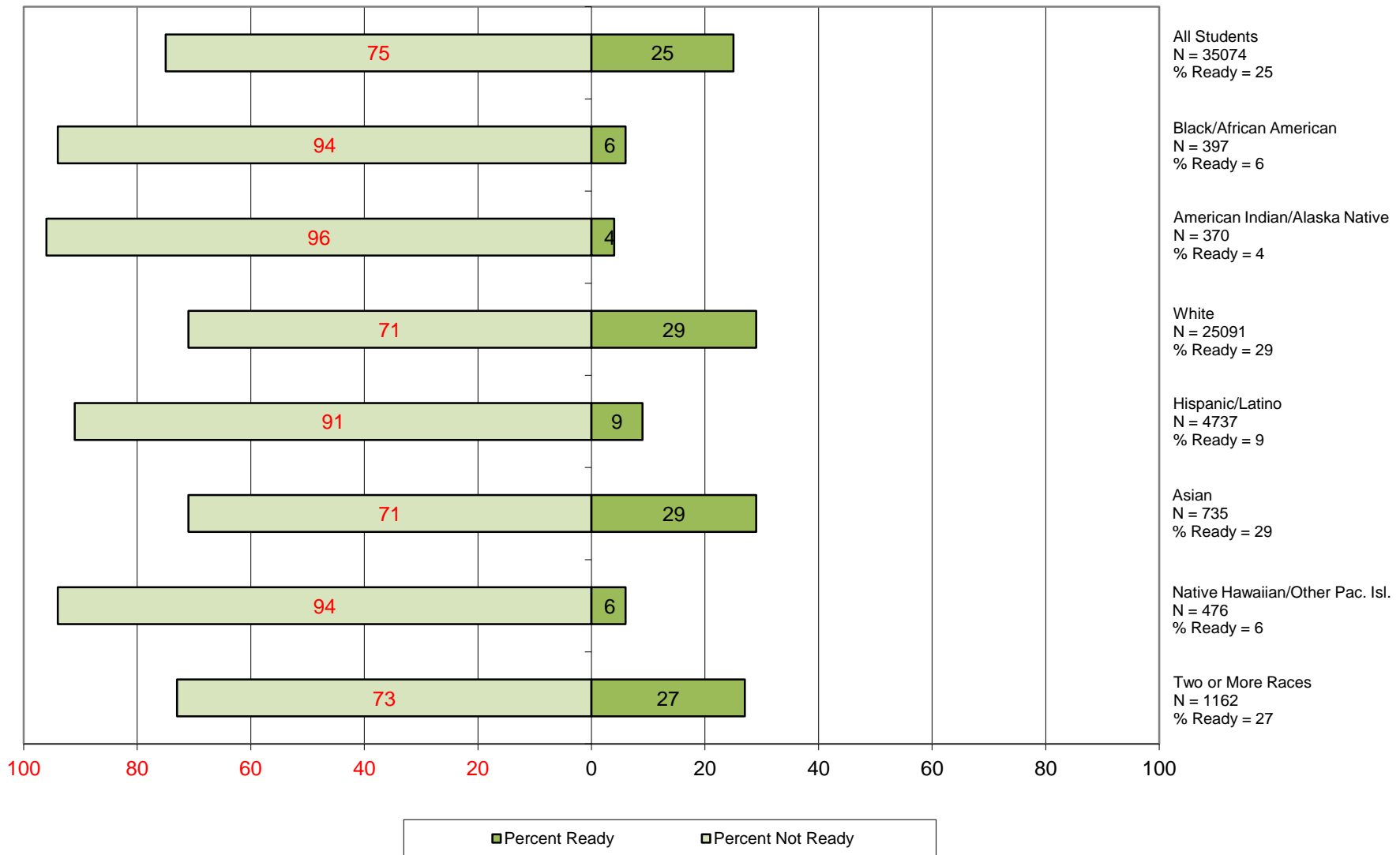
Total Students in Report: 35,074

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



Total Students in Report: 35,074

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



Total Students in Report: 35,074

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	7,721	22	21.8	5.2	3,365	19	21.4	5.1	4,306	25	22.1	4.9
Eng 9, Eng 10, Eng 11, Eng 12	22,209	63	20.3	3.7	11,184	65	20.1	3.8	10,661	62	20.7	3.5
Less than 4 years of English	3,081	9	16.6	-	1,638	9	16.3	-	1,344	8	17.2	-
Zero years / no English courses reported	2,063	6	16.0	-	1,122	6	15.7	-	784	5	16.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,162	3	22.9	7.0	625	4	23.5	7.4	520	3	22.2	6.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,867	5	22.7	6.8	734	4	23.1	7.0	1,118	7	22.5	6.7
Alg 1, Alg 2, Geom, & Trig	1,015	3	19.0	3.1	500	3	19.4	3.3	496	3	18.7	2.9
Alg 1, Alg 2, Geom, & Other Adv Math	6,204	18	20.1	4.2	2,585	15	20.5	4.4	3,522	21	19.9	4.1
Other comb of 4 or more years of Math	11,968	34	23.2	7.3	6,377	37	24.0	7.9	5,531	32	22.4	6.6
Alg 1, Alg 2, & Geom	6,003	17	17.1	1.2	2,865	17	17.4	1.3	2,989	17	16.9	1.1
Other comb of 3 or 3.5 years of Math	1,835	5	19.3	3.4	987	6	19.8	3.7	809	5	18.8	3.0
Less than 3 years of Math	2,758	8	15.9	-	1,407	8	16.1	-	1,241	7	15.8	-
Zero years / no Math courses reported	2,262	6	17.2	-	1,229	7	17.5	-	869	5	17.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	479	1	20.8	3.0	273	2	20.9	3.1	203	1	20.7	2.6
Other comb of 4 or more years Social Science	17,678	50	22.6	4.8	8,134	47	22.6	4.8	9,404	55	22.6	4.5
US Hist, World Hist, & Am Gov	1,128	3	19.1	1.3	622	4	19.3	1.5	483	3	18.9	0.8
Other comb of 3 or 3.5 years of Social Science	9,948	28	21.4	3.6	4,925	28	21.5	3.7	4,827	28	21.4	3.3
Less than 3 years of Social Science	3,602	10	17.8	-	2,128	12	17.8	-	1,329	8	18.1	-
Zero years / no Social Science courses reported	2,239	6	17.8	-	1,227	7	17.7	-	849	5	18.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	12,019	34	22.2	3.6	6,240	36	22.9	4.2	5,657	33	21.6	3.0
Bio, Chem, Phys	3,608	10	24.3	5.7	1,851	11	25.2	6.5	1,722	10	23.5	4.9
Gen Sci ² , Bio, Chem	7,429	21	20.2	1.6	3,055	18	20.5	1.8	4,245	25	20.1	1.5
Other comb of 3 years of Natural Science	2,986	9	20.2	1.6	1,790	10	20.7	2.0	1,151	7	19.7	1.1
Less than 3 years of Natural Science	6,726	19	18.6	-	3,119	18	18.7	-	3,434	20	18.6	-
Zero years / no Natural Science courses reported	2,306	7	17.9	-	1,254	7	18.2	-	886	5	17.8	-

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: 35,074

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	7,721	22	21.8	74	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	22,209	63	20.3	65	1,305,220	71	20.5	65
Less than 4 years of English	3,081	9	16.6	41	88,420	5	15.9	36
Zero years / no English courses reported	2,063	6	16.0	37	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,162	3	22.9	63	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,867	5	22.7	64	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	1,015	3	19.0	27	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	6,204	18	20.1	38	356,555	19	19.4	31
Other comb of 4 or more years of Math	11,968	34	23.2	63	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	6,003	17	17.1	10	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	1,835	5	19.3	31	90,105	5	19.8	35
Less than 3 years of Math	2,758	8	15.9	5	74,627	4	16.4	8
Zero years / no Math courses reported	2,262	6	17.2	15	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	479	1	20.8	39	48,992	3	22.3	50
Other comb of 4 or more years Social Science	17,678	50	22.6	52	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	1,128	3	19.1	29	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	9,948	28	21.4	43	504,877	27	21.3	43
Less than 3 years of Social Science	3,602	10	17.8	21	180,385	10	19.4	32
Zero years / no Social Science courses reported	2,239	6	17.8	22	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	12,019	34	22.2	48	781,043	42	22.1	46
Bio, Chem, Phys	3,608	10	24.3	65	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	7,429	21	20.2	29	505,460	27	20.0	28
Other comb of 3 years of Natural Science	2,986	9	20.2	29	52,236	3	19.2	24
Less than 3 years of Natural Science	6,726	19	18.6	18	220,701	12	18.1	17
Zero years / no Natural Science courses reported	2,306	7	17.9	15	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: 35,074

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	508	1	19.3	70	3	16.9	411	1	19.8
Architecture	424	1	20.6	21	1	17.1	381	1	20.9
Area, Ethnic, & Multidisciplinary Studies	34	0	18.8	3	0	12.0	28	0	20.0
Arts: Visual & Performing	3,128	9	20.7	388	14	17.0	2,555	9	21.3
Business	2,535	7	21.1	192	7	17.0	2,198	8	21.6
Communications	431	1	21.6	20	1	16.5	394	1	21.9
Community, Family, & Personal Services	1,347	4	18.1	325	12	16.3	916	3	18.9
Computer Science & Mathematics	929	3	23.0	57	2	18.3	817	3	23.5
Education	1,651	5	21.1	67	2	16.4	1,523	6	21.4
Engineering	2,149	6	23.5	90	3	15.4	1,971	7	24.0
Engineering Technology & Drafting	560	2	20.1	64	2	15.9	467	2	20.9
English & Foreign Languages	543	2	23.4	23	1	19.4	493	2	23.7
Health Administration & Assisting	1,223	3	19.1	142	5	16.4	997	4	19.6
Health Sciences & Technologies	6,703	19	21.2	273	10	17.2	6,137	22	21.5
Philosophy, Religion, & Theology	84	0	21.2	5	0	16.8	75	0	21.5
Repair, Production, & Construction	789	2	17.5	264	10	16.3	472	2	18.2
Sciences: Biological & Physical	1,423	4	23.3	35	1	16.0	1,339	5	23.6
Social Sciences & Law	2,320	7	21.5	90	3	16.9	2,092	8	21.8
Undecided	4,734	13	21.4	298	11	17.0	3,658	13	22.2
No Response	3,431	10	17.2	250	9	14.8	495	2	17.2

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: 35,074

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	659	16.0	6	15.2	14	13.9	442	16.6	121	14.9
2-yr College Degree	2,056	16.7	28	14.4	48	14.2	1,328	17.5	413	15.1
Bachelors Degree	14,523	20.3	145	16.9	133	16.3	10,869	21.1	1,874	17.6
Graduate Study	5,651	23.3	42	20.1	45	17.4	4,429	23.8	510	20.1
Prof. Level Degree	7,324	22.9	69	19.4	64	18.1	5,295	23.6	957	19.4
Other	628	17.4	12	14.4	12	16.2	373	18.3	125	15.1
No Response	4,233	18.3	95	15.0	54	15.2	2,355	19.4	737	16.2

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	659	16.0	5	16.6	4	13.5	12	16.5	55	14.8
2-yr College Degree	2,056	16.7	20	15.6	22	14.3	50	17.0	147	15.5
Bachelors Degree	14,523	20.3	239	19.4	213	17.0	472	20.2	578	19.0
Graduate Study	5,651	23.3	115	23.9	47	18.1	190	23.3	273	22.6
Prof. Level Degree	7,324	22.9	230	24.5	81	19.0	270	23.2	358	22.7
Other	628	17.4	9	16.9	8	17.5	25	17.4	64	17.3
No Response	4,233	18.3	117	18.6	101	16.6	143	19.2	631	17.5

Total Students in Report: 35,074

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	14,655	5,548	9,107	3	12	25	27	20	12	2
UTAH STATE UNIVERSITY	Utah	11,914	3,610	8,304	1	8	24	28	24	13	2
UTAH VALLEY UNIVERSITY	Utah	8,517	2,063	6,454	2	12	28	29	19	8	1
BRIGHAM YOUNG UNIVERSITY	Utah	8,481	4,069	4,412	1	6	16	26	28	20	3
WEBER STATE UNIVERSITY	Utah	6,349	1,836	4,513	3	16	29	26	18	7	1
SOUTHERN UTAH UNIVERSITY	Utah	5,225	1,021	4,204	1	9	28	30	22	9	1
DIXIE STATE UNIVERSITY	Utah	4,955	1,311	3,644	3	17	37	27	13	3	0
SALT LAKE COMMUNITY COLLEGE	Utah	4,482	1,375	3,107	7	24	33	23	10	3	0
SNOW COLLEGE	Utah	4,095	923	3,172	3	16	34	26	15	5	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	2,126	2,126	0	7	26	35	20	9	4	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	1,882	289	1,593	0	3	17	29	31	18	2
WESTMINSTER COLLEGE	Utah	1,847	278	1,569	4	14	26	26	19	11	1
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	1,063	207	856	1	6	21	31	26	15	1
NCAA ELIGIBILITY CENTER	Indiana	892	364	528	2	13	30	30	18	6	1
UTAH ST UNIV-COLL OF EASTERN UTAH	Utah	684	158	526	4	20	35	24	13	4	0
ARIZONA STATE UNIVERSITY	Arizona	588	153	435	1	14	31	28	16	8	1
LDS BUSINESS COLLEGE	Utah	580	90	490	4	18	29	26	16	6	1
STANFORD UNIVERSITY	California	483	112	371	0	2	7	13	25	36	18
UNIVERSITY OF SOUTHERN CALIFORNIA	California	470	108	362	4	16	25	23	20	10	3
PROVO COLLEGE	Utah	394	35	359	10	35	35	15	5	1	0
UNIVERSITY OF OREGON	Oregon	369	62	307	2	12	22	33	20	10	1
UNIVERSITY OF WASHINGTON	Washington	368	73	295	1	4	16	23	29	22	3
STATE-NO COLLEGE PLANS	Iowa	299	299	0	21	43	25	9	2	0	0
HARVARD COLLEGE	Massachusetts	286	43	243	0	2	7	9	22	37	22
SAN DIEGO STATE UNIVERSITY	California	244	58	186	5	13	31	27	18	5	1
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	243	35	208	2	9	18	23	27	19	2
BOISE STATE UNIVERSITY	Idaho	241	50	191	5	10	31	30	18	6	0
SOUTHERN VIRGINIA UNIVERSITY	Virginia	211	48	163	0	3	15	26	30	25	0
UNIVERSITY OF ARIZONA	Arizona	199	36	163	3	12	31	26	16	12	2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	197	45	152	0	1	6	14	23	33	24
All Other Institutions		12,944	2,555	10,389	4	16	26	22	18	12	2
Total		95,283	28,980	66,303	3	13	26	26	20	11	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: 35,074

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	3,924	976,031	24.8	21.3	7.8	7.1	23.8	20.6
Black/African American	54	114,263	19.0	16.4	7.1	6.3	19.0	16.3
American Indian/Alaska Native	24	6,408	18.2	16.8	6.9	6.2	18.1	16.5
White	2,776	520,054	25.6	23.1	7.8	7.3	24.5	22.1
Hispanic/Latino	427	167,575	21.2	18.5	7.5	6.9	21.0	18.4
Asian	223	61,663	24.9	23.7	8.0	7.7	24.1	22.9
Native Hawaiian/Other Pac. Isl.	43	3,742	17.8	17.7	7.2	6.6	18.2	17.6
Two or more races	162	39,565	24.8	21.4	7.8	7.1	23.9	20.7
Prefer not/No Response	215	62,761	24.7	21.6	7.7	7.1	23.6	20.9
Males	1,834	438,500	24.8	21.1	7.6	6.9	23.7	20.2
Females	2,090	530,240	24.8	21.6	7.9	7.3	23.9	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

