



# Profile Report - State

Graduating Class 2015

Utah





## Table of Contents

<b>Section I: Executive Summary</b>	<b>Page 5</b>
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	
<b>Section II: Academic Achievement</b>	<b>Page 11</b>
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	
<b>Section III: College Readiness &amp; Impact of Course Rigor</b>	<b>Page 17</b>
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	
<b>Section IV: Career and Educational Aspirations</b>	<b>Page 25</b>
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	
<b>Section V: Optional Writing Test Results</b>	<b>Page 29</b>
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 2015 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 2015. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

**Performance** - student test performance in the context of college readiness

**Access** - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

**College Readiness** - percent of students meeting ACT College Readiness Benchmark Scores in each content area

**Awareness** - extent to which student aspirations match performance

**Articulation** - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students who met or exceeded ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

**The ACT is a curriculum-based measure of college readiness. ACT components include:**

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

**The ACT:**

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at [www.act.org/standard/infoserv.html](http://www.act.org/standard/infoserv.html).

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores, updated 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](http://www.act.org)

## How to Improve Scores and Increase College Readiness

23% 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:** 40,629 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. 56% 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 12% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 11% of these students were college ready. In comparison, 46% 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. 17% of these students were college ready. In comparison, 41% 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 58% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS:** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1309 or [customerservices@act.org](mailto:customerservices@act.org).

# Section I

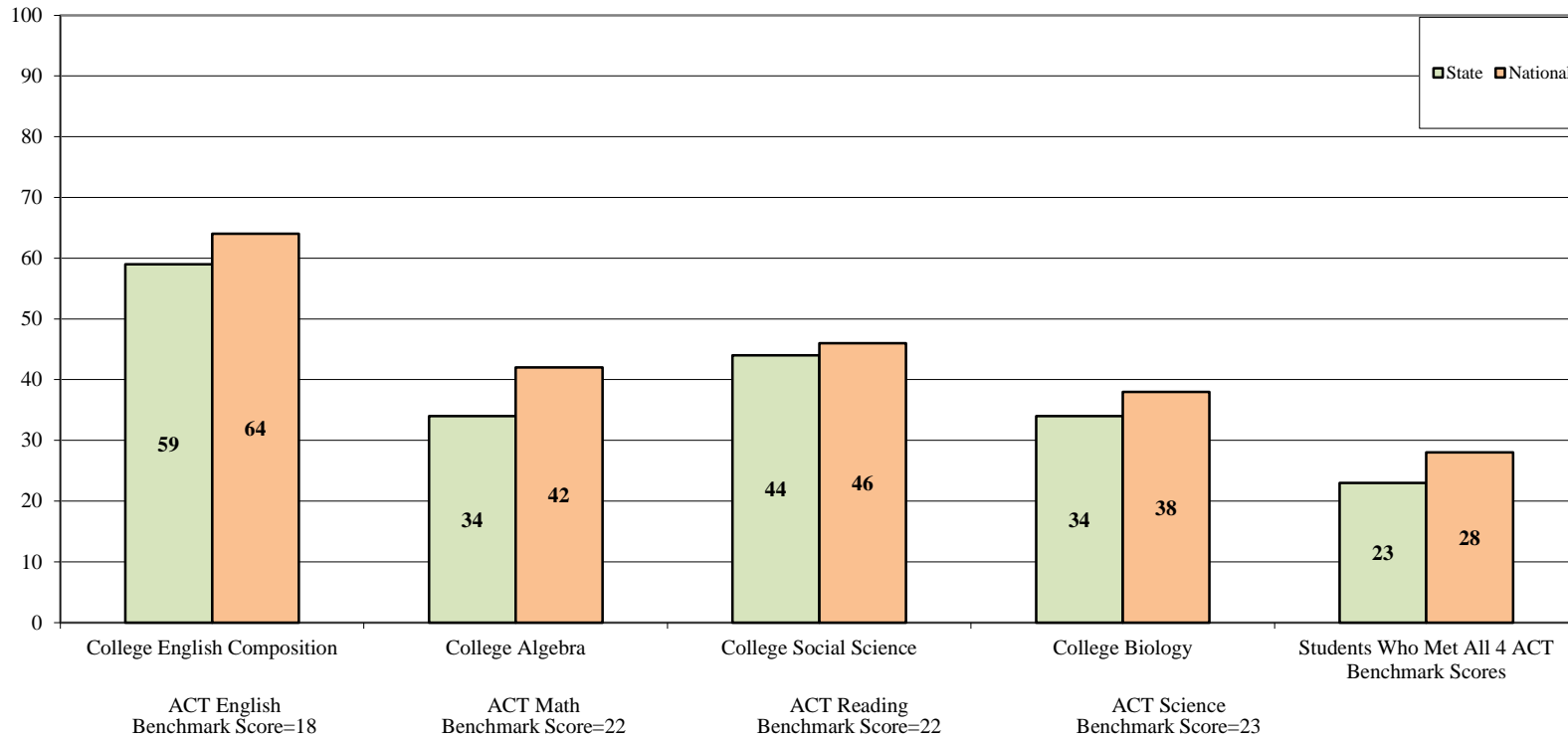
## Executive Summary

Beginning 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: 40,629

**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
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
<b>2015</b>	<b>40,629</b>	<b>1,924,436</b>	<b>59</b>	<b>64</b>	<b>34</b>	<b>42</b>	<b>44</b>	<b>46</b>	<b>34</b>	<b>38</b>	<b>23</b>	<b>28</b>

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

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
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
<b>2015</b>	<b>40,629</b>	<b>1,924,436</b>	<b>19.4</b>	<b>20.4</b>	<b>19.8</b>	<b>20.8</b>	<b>20.9</b>	<b>21.4</b>	<b>20.4</b>	<b>20.9</b>	<b>20.2</b>	<b>21.0</b>

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

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
<b>2015</b>	<b>1,924,436</b>	<b>20.4</b>	<b>20.8</b>	<b>21.4</b>	<b>20.9</b>	<b>21.0</b>

Total Students in Report: 40,629

**Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation**

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
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
<b>2015</b>	<b>22,799</b>	<b>13,161</b>	<b>56</b>	<b>32</b>	<b>21.6</b>	<b>16.9</b>	<b>21.4</b>	<b>17.8</b>	<b>22.7</b>	<b>18.8</b>	<b>22.0</b>	<b>18.5</b>	<b>22.1</b>	<b>18.1</b>

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

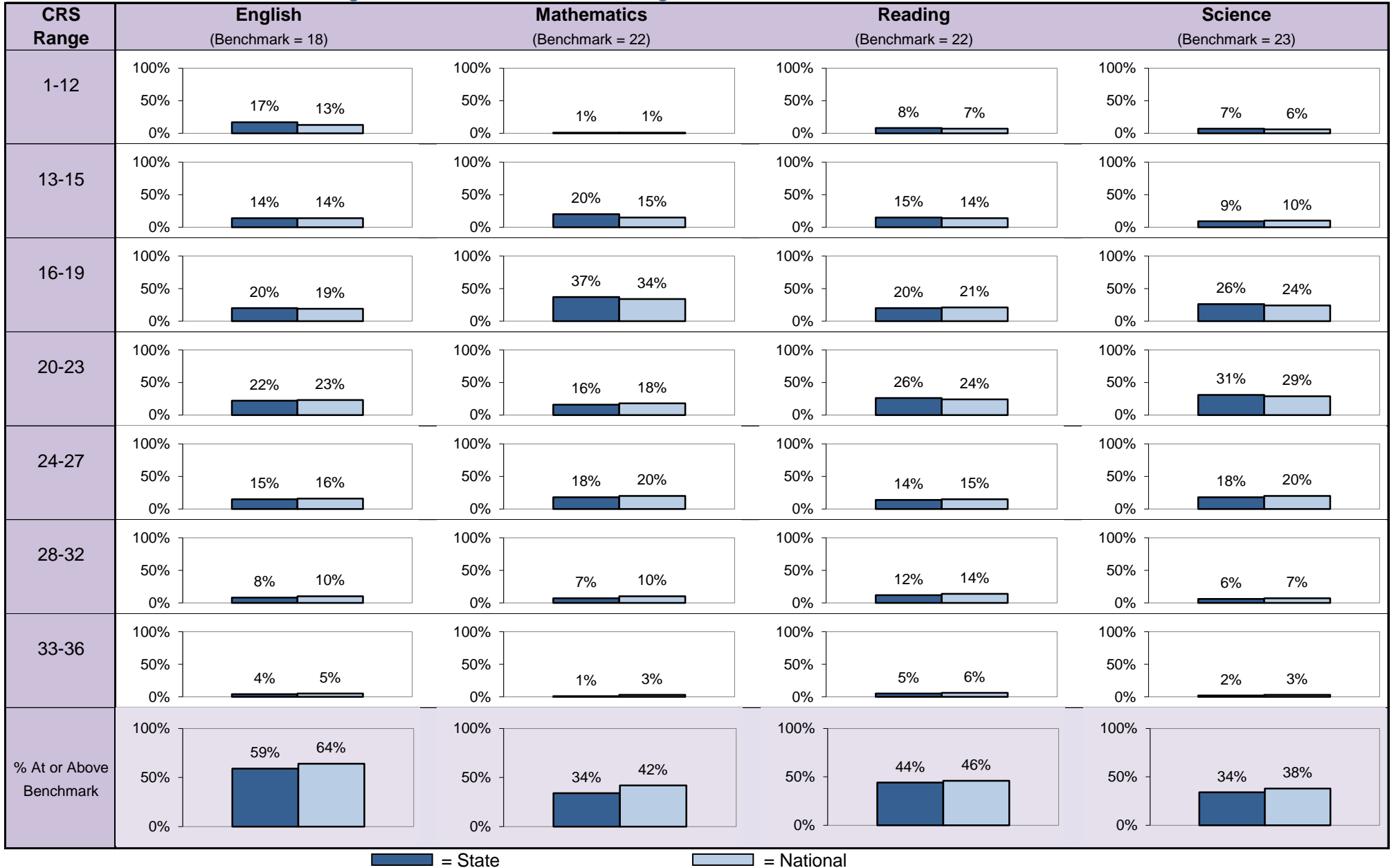
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>25,161</b>	<b>100</b>	<b>21.8</b>	<b>32,835</b>	<b>100</b>	<b>20.7</b>	<b>34,514</b>	<b>100</b>	<b>20.7</b>	<b>35,074</b>	<b>100</b>	<b>20.8</b>	<b>40,629</b>	<b>100</b>	<b>20.2</b>
Black/African American	265	1	18.2	352	1	16.9	354	1	17.0	397	1	16.9	452	1	16.3
American Indian/Alaska Native	223	1	18.5	342	1	16.4	346	1	16.1	370	1	16.2	423	1	15.8
White	19,926	79	22.3	23,977	73	21.5	25,253	73	21.5	25,091	72	21.6	28,007	69	21.2
Hispanic/Latino	2,359	9	18.9	4,171	13	17.6	4,570	13	17.6	4,737	14	17.7	6,052	15	17.2
Asian	699	3	21.6	651	2	20.9	703	2	20.7	735	2	21.4	809	2	20.6
Native Hawaiian/Other Pacific Islander	241	1	18.0	392	1	17.2	420	1	16.8	476	1	17.2	526	1	17.0
Two or more races	568	2	21.9	972	3	20.6	1,186	3	20.7	1,162	3	21.0	1,315	3	20.8
Prefer not to respond/No response	880	3	21.6	1,978	6	19.7	1,682	5	19.7	2,106	6	19.2	3,045	7	18.6

Total Students in Report: 40,629

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



Total Students in Report: 40,629

**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	38,569	95	19.7	20.0	21.1	20.6	20.5
	Extended Time	2,060	5	14.0	16.3	16.5	16.5	16.0
	Total	40,629	100	19.4	19.8	20.9	20.4	20.2
National	Standard Time	1,838,433	96	20.6	21.0	21.5	21.1	21.2
	Extended Time	86,003	4	16.5	18.1	18.8	18.3	18.1
	Total	1,924,436	100	20.4	20.8	21.4	20.9	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	61	36	46	35	24
	Extended Time	22	10	19	12	7
	Total	59	34	44	34	23
National	Standard Time	65	43	47	39	28
	Extended Time	38	22	32	23	16
	Total	64	42	46	38	28

# 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: 40,629

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	71	100	73	100	245	100	179	100	27	100	36
35	437	100	96	100	219	99	211	100	99	100	35
34	466	99	202	100	733	99	283	99	175	100	34
33	555	98	143	99	788	97	234	98	302	99	33
32	545	96	304	99	828	95	407	98	403	99	32
31	755	95	276	98	985	93	330	97	545	98	31
30	566	93	368	97	1,090	91	323	96	718	96	30
29	679	92	598	96	1,009	88	557	95	842	94	29
28	788	90	1,173	95	1,098	85	837	94	1,184	92	28
27	1,101	88	1,471	92	1,193	83	898	92	1,359	89	27
26	1,328	85	1,765	88	1,215	80	1,908	90	1,584	86	26
25	1,733	82	1,754	84	1,315	77	2,374	85	1,782	82	25
24	1,867	78	2,260	80	1,825	74	2,129	79	1,910	78	24
23	1,906	73	1,942	74	2,486	69	3,160	74	2,212	73	23
22	2,248	69	1,482	69	2,944	63	3,074	66	2,438	68	22
21	2,414	63	1,744	66	1,879	56	2,789	58	2,657	62	21
20	2,451	57	1,477	61	3,142	51	3,775	52	2,673	55	20
19	2,200	51	2,379	58	1,905	43	2,606	42	2,914	49	19
18	1,778	46	3,111	52	2,029	39	2,362	36	2,880	41	18
17	1,753	41	4,098	44	2,563	34	2,028	30	2,769	34	17
16	2,475	37	5,251	34	1,764	27	3,449	25	2,649	27	16
15	2,647	31	4,898	21	2,487	23	1,836	17	2,363	21	15
14	1,687	24	2,452	9	1,363	17	464	12	2,155	15	14
13	1,429	20	862	3	2,115	14	1,377	11	1,861	10	13
12	1,312	17	303	1	1,724	8	1,070	7	1,311	5	12
11	1,428	13	76	1	644	4	809	5	612	2	11
10	1,589	10	37	1	698	3	537	3	147	1	10
9	922	6	19	1	175	1	468	2	37	1	9
8	892	4	2	1	17	1	92	1	15	1	8
7	425	1	5	1	75	1	37	1	3	1	7
6	103	1	4	1	46	1	10	1	1	1	6
5	62	1	0	1	17	1	2	1	2	1	5
4	11	1	2	1	2	1	6	1	0	1	4
3	4	1	0	1	6	1	1	1	0	1	3
2	1	1	0	1	5	1	5	1	0	1	2
1	1	1	2	1	0	1	2	1	0	1	1
Avg (SD)	19.4 (6.6)		19.8 (5.0)		20.9 (6.3)		20.4 (5.3)		20.2 (5.3)		Avg (SD)

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

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

Total Students in Report: 40,629

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	1,094	100	603	100	1,000	100	1,436	100	714	100	184	100	163	100	18
17	1,591	97	324	99	1,644	98	1,937	96	887	98	312	100	26	100	17
16	1,150	93	2,278	98	1,764	93	2,491	92	1,517	96	564	99	883	100	16
15	1,703	91	2,246	92	3,088	89	1,730	86	1,646	92	1,482	97	1,562	97	15
14	1,703	86	2,563	87	1,981	82	2,832	81	1,901	88	2,829	94	2,486	94	14
13	1,807	82	2,884	80	3,638	77	2,878	74	3,917	84	3,584	87	3,925	87	13
12	2,667	78	3,332	73	3,531	68	3,097	67	3,013	74	2,810	78	3,199	78	12
11	3,619	71	4,411	65	3,216	59	3,106	60	2,680	67	5,390	71	3,240	70	11
10	4,381	62	3,456	54	5,483	51	3,058	52	3,340	60	5,168	58	6,915	62	10
9	3,466	51	4,762	46	3,416	38	2,978	44	4,195	52	7,760	45	4,931	45	9
8	3,418	43	3,795	34	4,112	29	4,330	37	4,895	41	4,349	26	4,542	33	8
7	3,314	35	2,958	25	2,912	19	2,540	26	5,217	29	3,121	15	3,691	22	7
6	3,079	26	2,568	17	3,221	12	3,664	20	3,703	17	436	8	2,344	12	6
5	2,572	19	1,427	11	999	4	1,817	11	1,487	7	1,546	6	626	7	5
4	2,264	12	2,151	7	120	2	1,998	7	1,203	4	232	3	1,139	5	4
3	1,914	7	661	2	307	1	454	2	222	1	696	2	295	2	3
2	770	2	179	1	156	1	273	1	87	1	1	1	468	2	2
1	117	1	31	1	41	1	10	1	5	1	165	1	194	1	1
Avg (SD)	9.4 (4.1)		10.1 (3.6)		10.8 (3.5)		10.4 (4.0)		9.9 (3.5)		10.1 (2.9)		9.9 (3.1)		Avg (SD)

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

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	24	24	25	24	24
Q2 (50th Percentile)	19	18	20	20	20
Q1 (25th Percentile)	15	16	16	16	16

Total Students in Report: 40,629

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>40,629</b>	<b>56</b>	<b>22.1</b>	<b>18.1</b>
	Black/African American	452	47	17.8	15.2
	American Indian/Alaska Native	423	42	17.3	14.7
	White	28,007	60	22.8	19.0
	Hispanic/Latino	6,052	47	18.9	16.0
	Asian	809	66	22.3	17.7
	Native Hawaiian/Other Pac. Isl.	526	50	18.4	15.8
	Two or more races	1,315	61	22.2	18.7
	Prefer not/No Response	3,045	37	21.2	17.2
National	<b>All Students</b>	<b>1,924,436</b>	<b>72</b>	<b>21.9</b>	<b>18.9</b>
	Black/African American	252,566	67	17.8	15.9
	American Indian/Alaska Native	14,711	61	19.0	16.5
	White	1,057,803	76	23.2	20.2
	Hispanic/Latino	299,920	71	19.6	17.4
	Asian	87,499	79	24.5	22.0
	Native Hawaiian/Other Pac. Isl.	6,090	62	20.3	16.5
	Two or more races	76,066	73	22.0	19.3
	Prefer not/No Response	129,781	54	22.6	18.5

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

**Table 2.5. Average ACT Scores by Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	19.4	19.8	20.9	20.4	20.2
	Black/African American	14.8	16.3	16.9	16.8	16.3
	American Indian/Alaska Native	13.8	16.3	16.0	16.7	15.8
	White	20.7	20.5	21.9	21.2	21.2
	Hispanic/Latino	15.7	17.2	17.8	17.8	17.2
	Asian	19.3	21.9	20.0	21.0	20.6
	Native Hawaiian/Other Pac. Isl.	15.7	17.2	17.3	17.5	17.0
	Two or more races	20.1	20.0	21.5	20.9	20.8
	Prefer not/No Response	17.3	18.5	19.2	19.0	18.6
National	<b>All Students</b>	20.4	20.8	21.4	20.9	21.0
	Black/African American	15.9	17.2	17.4	17.3	17.1
	American Indian/Alaska Native	16.6	18.1	18.4	18.2	17.9
	White	22.1	21.9	22.9	22.2	22.4
	Hispanic/Latino	17.8	19.1	19.2	19.0	18.9
	Asian	23.0	25.0	23.3	23.6	23.9
	Native Hawaiian/Other Pac. Isl.	17.7	19.2	18.9	18.8	18.8
	Two or more races	20.7	20.8	21.8	21.1	21.2
	Prefer not/No Response	19.9	20.5	21.1	20.5	20.6



Total Students in Report: 40,629

**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	1,529	4	514	1	1,985	5	907	2
	28 to 32	3,333	8	2,719	7	5,010	12	2,454	6
	24 to 27	6,029	15	7,250	18	5,548	14	7,309	18
	20 to 23	9,019	22	6,645	16	10,451	26	12,798	31
	16 to 19	8,206	20	14,839	37	8,261	20	10,445	26
	13 to 15	5,763	14	8,212	20	5,965	15	3,677	9
	01 to 12	6,750	17	450	1	3,409	8	3,039	7
National	33 to 36	100,774	5	54,201	3	114,663	6	62,731	3
	28 to 32	198,676	10	185,515	10	261,565	14	140,666	7
	24 to 27	303,299	16	384,130	20	281,364	15	388,063	20
	20 to 23	444,997	23	352,854	18	463,232	24	559,967	29
	16 to 19	357,690	19	646,399	34	409,189	21	462,353	24
	13 to 15	277,710	14	283,831	15	264,288	14	200,383	10
	01 to 12	241,290	13	17,506	1	130,135	7	110,273	6

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	19,648	48	19.0	20.3	20.7	20.8	20.3
	Females	19,621	48	20.1	19.4	21.2	20.2	20.4
	Missing	1,360	3	15.8	17.5	18.0	17.9	17.4
National	Males	895,775	47	20.0	21.3	21.2	21.3	21.1
	Females	1,013,212	53	20.8	20.4	21.6	20.6	21.0
	Missing	15,449	1	15.7	17.7	17.6	17.5	17.3

**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	56	38	44	37	26
	Females	63	32	46	32	21
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 40,629

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	22,799	73	21.6	47	21.4	56	22.7	46	22.0	33	22.1
	Less than Core	13,161	43	16.9	18	17.8	31	18.8	19	18.5	11	18.1
	Missing <sup>3</sup>	4,669	36	15.8	15	17.3	25	17.9	15	17.6	8	17.3
National	Core or More	1,389,338	71	21.4	49	21.7	52	22.3	44	21.8	33	21.9
	Less than Core	424,562	48	18.0	27	18.9	32	19.3	24	19.0	16	18.9
	Missing	110,536	38	16.3	19	17.8	25	18.0	19	17.8	11	17.6

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> Composite CRB% results reflect students who met all four subject-area benchmarks.

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

Student Group	Curriculum Taken <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	32,826	64	20.2	31,436	41	20.6	31,827	49	21.7	28,677	41	21.4
	Less than Core	4,198	37	16.0	4,845	8	16.4	5,003	25	17.8	8,077	17	18.0
	Missing <sup>3</sup>	3,605	38	16.2	4,348	15	17.3	3,799	27	18.1	3,875	17	17.8
National	Core or More	1,732,463	67	20.8	1,743,121	45	21.2	1,627,689	49	21.8	1,592,830	42	21.5
	Less than Core	93,944	36	15.9	78,951	8	16.3	194,720	34	19.5	227,926	18	18.1
	Missing	98,029	40	16.5	102,364	20	17.8	102,027	26	18.1	103,680	20	18.0

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Figure 3.1. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

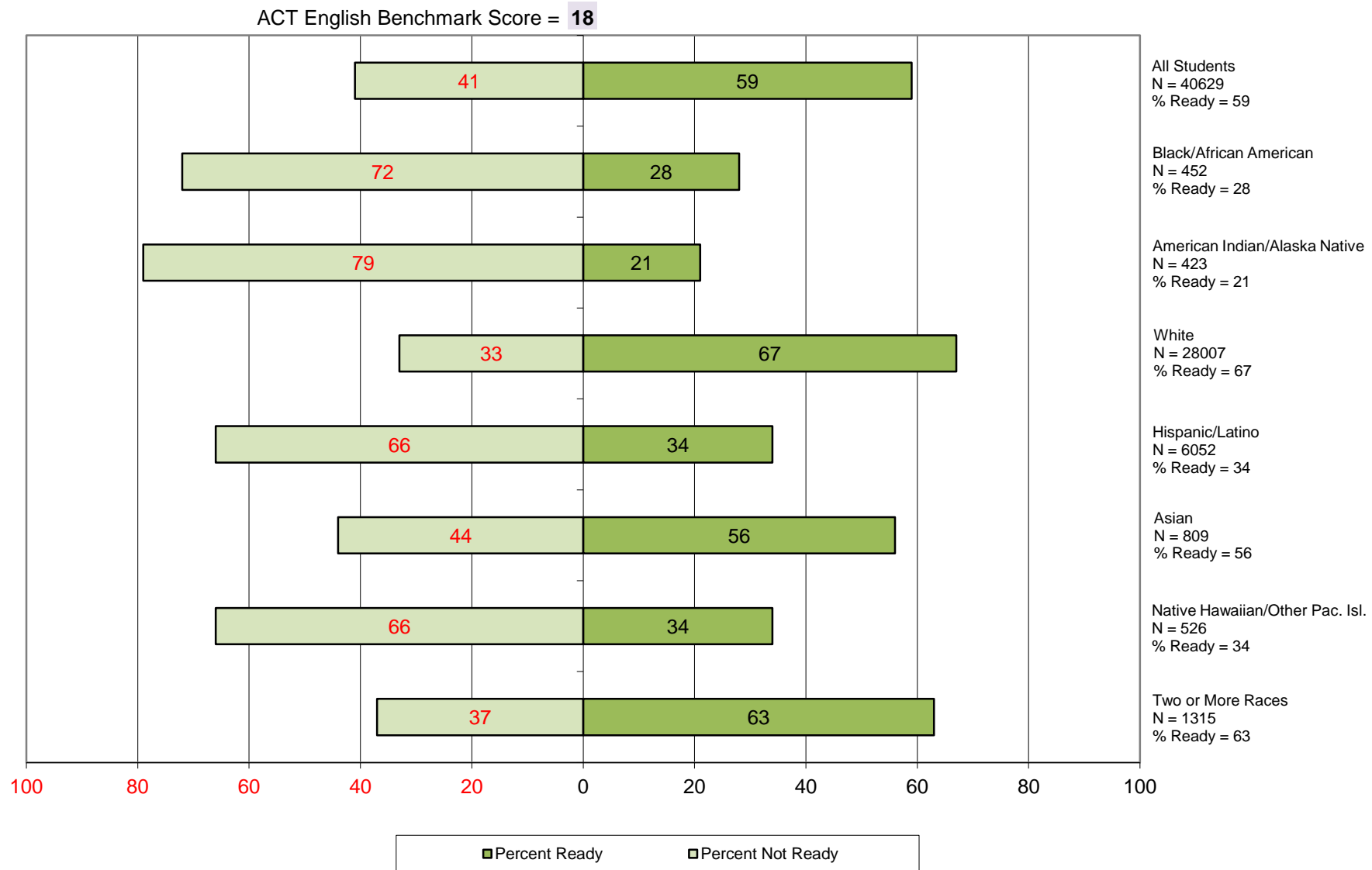


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

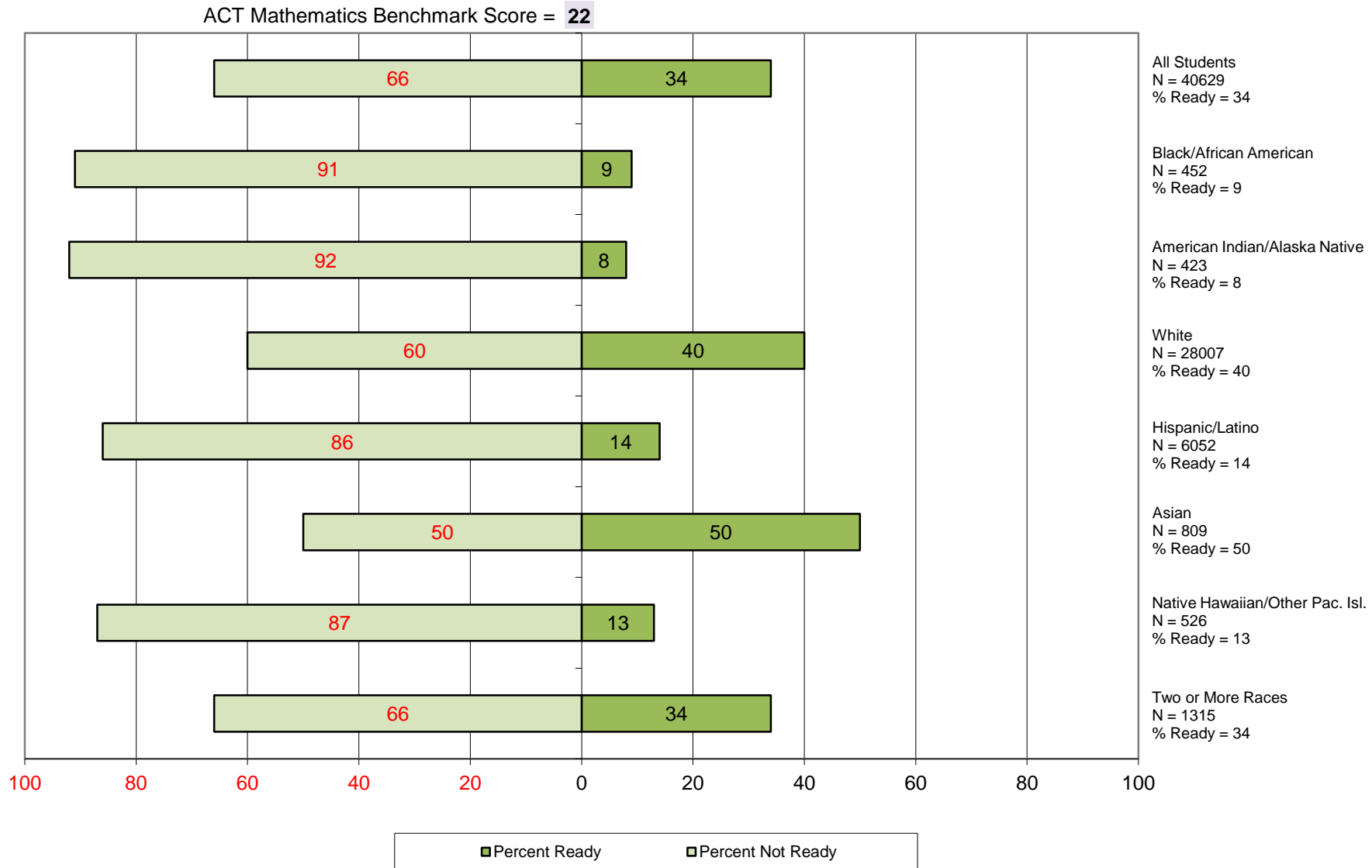


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

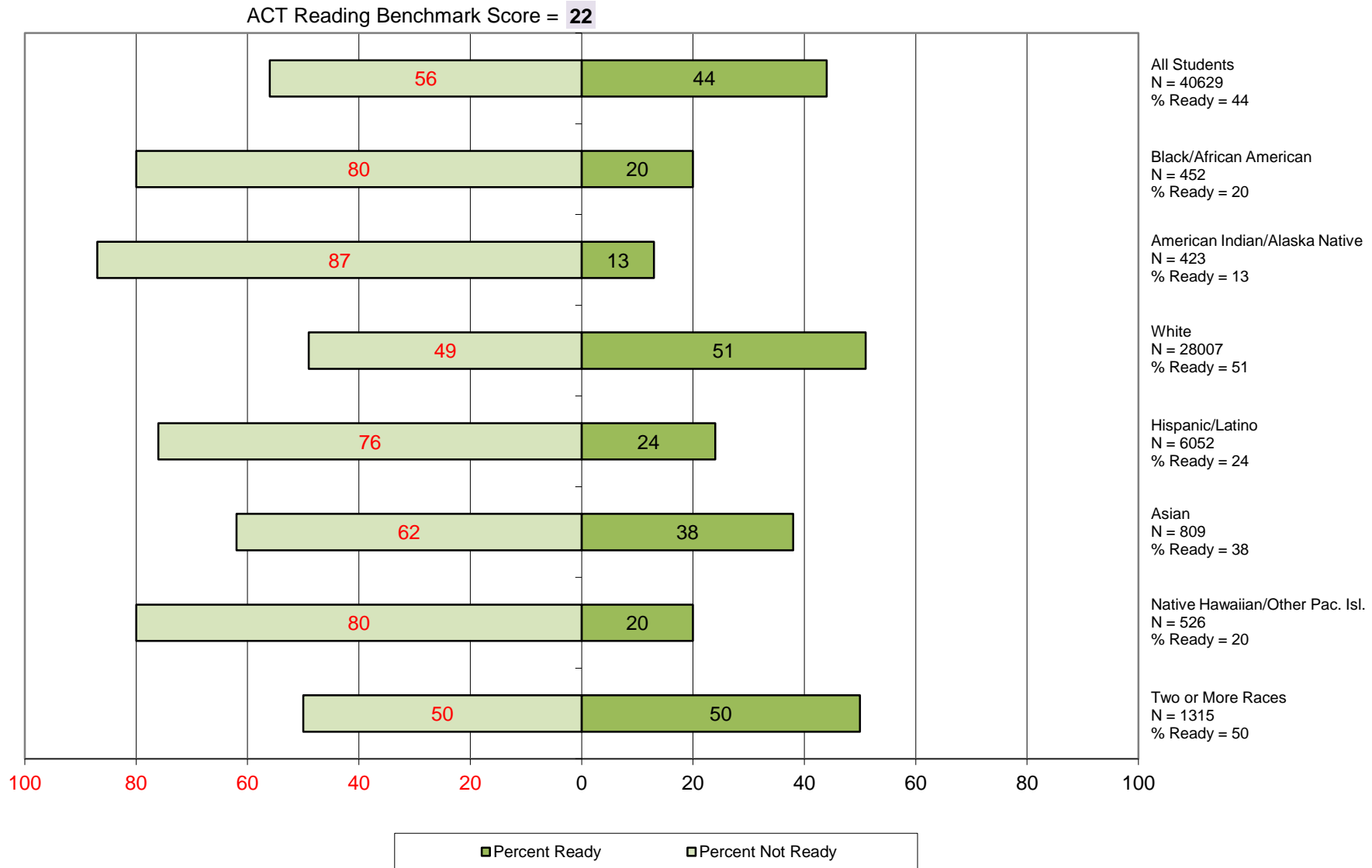


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

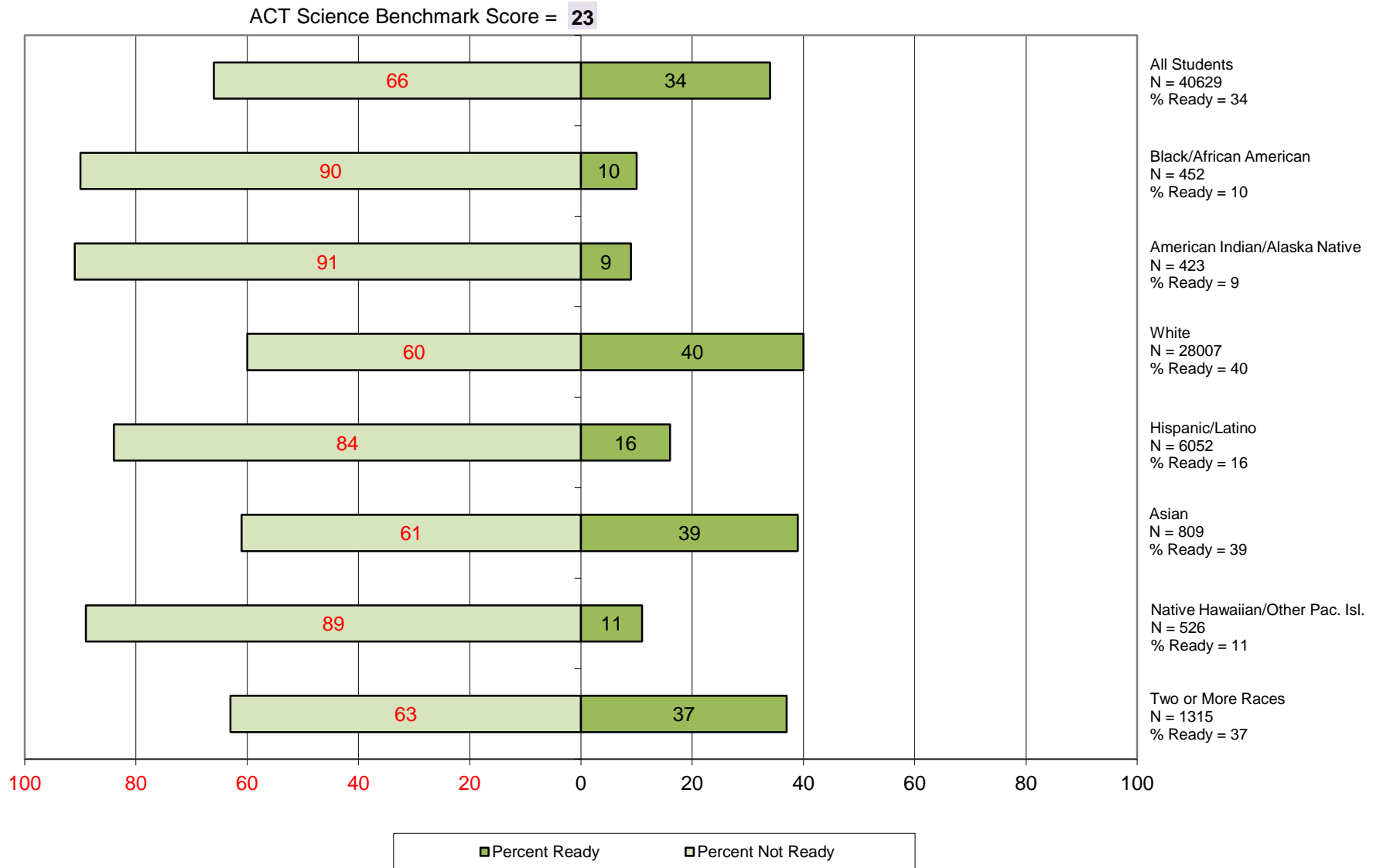
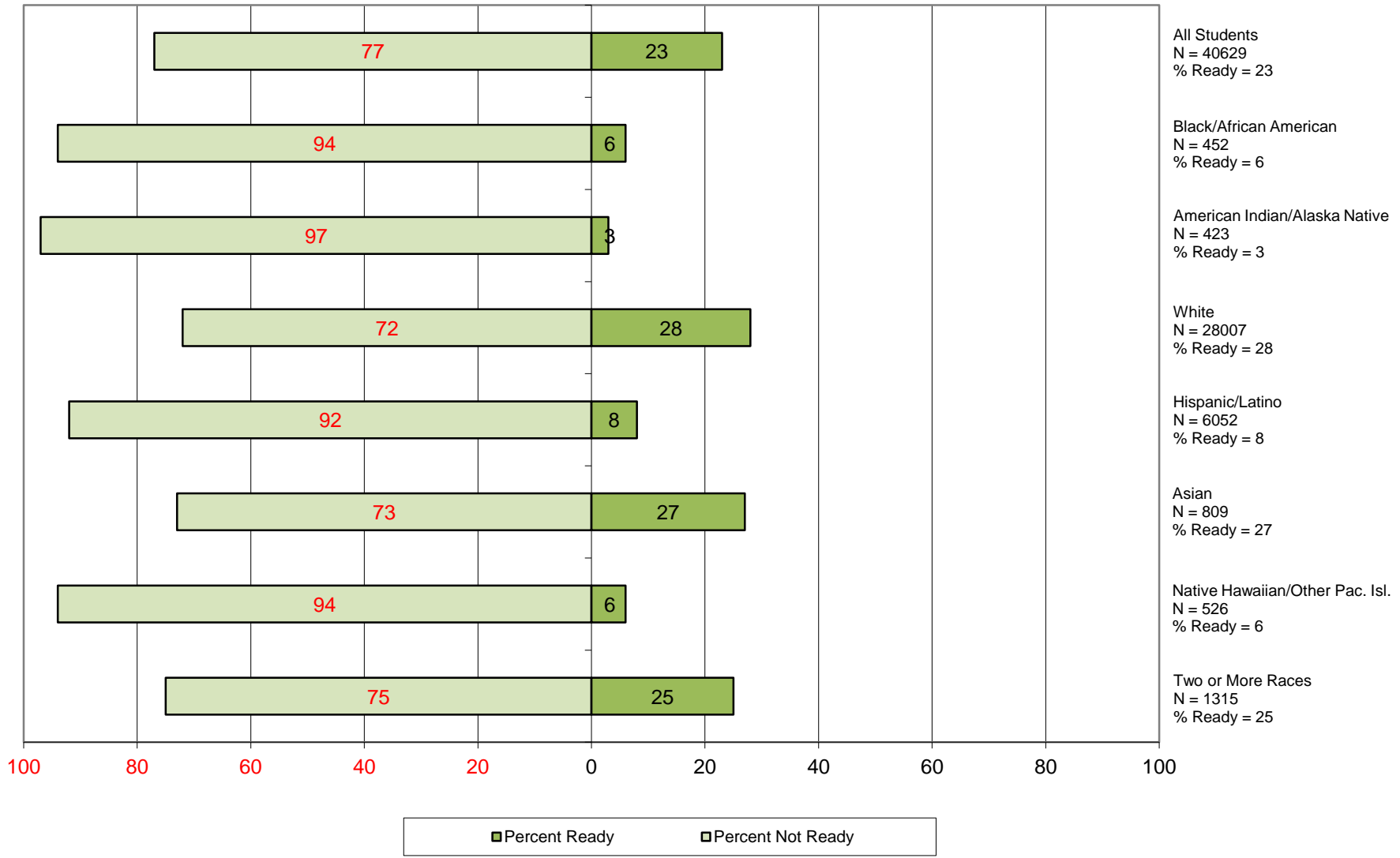


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 40,629

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,658	19	21.6	5.6	3,203	16	21.1	5.5	4,368	22	22.1	5.5
Eng 9, Eng 10, Eng 11, Eng 12	25,168	62	19.8	3.8	12,457	63	19.5	3.9	12,161	62	20.3	3.7
Less than 4 years of English	4,198	10	16.0	-	2,259	11	15.6	-	1,749	9	16.6	-
Zero years / no English courses reported	3,605	9	16.2	-	1,729	9	15.9	-	1,343	7	16.7	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,995	5	21.6	5.2	983	5	22.3	5.7	973	5	21.0	4.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,552	6	21.2	4.8	981	5	21.6	5.0	1,509	8	21.0	4.7
Alg 1, Alg 2, Geom, & Trig	2,519	6	18.3	1.9	1,193	6	18.5	1.9	1,251	6	18.2	1.9
Alg 1, Alg 2, Geom, & Other Adv Math	4,653	11	19.8	3.4	1,914	10	20.0	3.4	2,630	13	19.6	3.3
Other comb of 4 or more years of Math	12,640	31	22.7	6.3	6,606	34	23.5	6.9	5,869	30	21.9	5.6
Alg 1, Alg 2, & Geom	4,835	12	17.1	0.7	2,380	12	17.4	0.8	2,347	12	16.9	0.6
Other comb of 3 or 3.5 years of Math	2,242	6	19.5	3.1	1,085	6	19.9	3.3	1,106	6	19.1	2.8
Less than 3 years of Math	4,845	12	16.4	-	2,381	12	16.6	-	2,276	12	16.3	-
Zero years / no Math courses reported	4,348	11	17.3	-	2,125	11	17.6	-	1,660	8	17.1	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	595	1	20.3	2.5	320	2	20.2	2.4	264	1	20.5	2.5
Other comb of 4 or more years Social Science	18,706	46	22.4	4.6	8,388	43	22.4	4.6	10,046	51	22.5	4.5
US Hist, World Hist, & Am Gov	1,366	3	18.7	0.9	744	4	18.8	1.0	578	3	18.7	0.7
Other comb of 3 or 3.5 years of Social Science	11,160	27	20.9	3.1	5,501	28	20.9	3.1	5,353	27	21.1	3.1
Less than 3 years of Social Science	5,003	12	17.8	-	2,876	15	17.8	-	1,945	10	18.0	-
Zero years / no Social Science courses reported	3,799	9	18.1	-	1,819	9	17.9	-	1,435	7	18.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	13,313	33	21.9	3.9	6,672	34	22.4	4.4	6,403	33	21.4	3.2
Bio, Chem, Phys	4,144	10	24.2	6.2	2,060	10	25.0	7.0	2,036	10	23.5	5.3
Gen Sci <sup>2</sup> , Bio, Chem	8,007	20	19.8	1.8	3,337	17	19.9	1.9	4,465	23	19.8	1.6
Other comb of 3 years of Natural Science	3,213	8	19.9	1.9	1,973	10	20.3	2.3	1,168	6	19.3	1.1
Less than 3 years of Natural Science	8,077	20	18.0	-	3,751	19	18.0	-	4,084	21	18.2	-
Zero years / no Natural Science courses reported	3,875	10	17.8	-	1,855	9	17.9	-	1,465	7	17.9	-

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

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

Total Students in Report: 40,629

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,658	19	21.6	73	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	25,168	62	19.8	61	1,359,318	71	20.6	65
Less than 4 years of English	4,198	10	16.0	37	93,944	5	15.9	36
Zero years / no English courses reported	3,605	9	16.2	38	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,995	5	21.6	51	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,552	6	21.2	48	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	2,519	6	18.3	21	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	4,653	11	19.8	32	362,476	19	19.4	30
Other comb of 4 or more years of Math	12,640	31	22.7	58	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	4,835	12	17.1	11	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	2,242	6	19.5	32	95,502	5	19.8	34
Less than 3 years of Math	4,845	12	16.4	8	78,951	4	16.3	8
Zero years / no Math courses reported	4,348	11	17.3	15	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	595	1	20.3	41	48,944	3	22.3	51
Other comb of 4 or more years Social Science	18,706	46	22.4	54	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	1,366	3	18.7	30	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	11,160	27	20.9	44	527,956	27	21.4	46
Less than 3 years of Social Science	5,003	12	17.8	25	194,720	10	19.5	34
Zero years / no Social Science courses reported	3,799	9	18.1	27	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	13,313	33	21.9	46	807,744	42	22.2	48
Bio, Chem, Phys	4,144	10	24.2	65	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	8,007	20	19.8	27	512,754	27	20.1	30
Other comb of 3 years of Natural Science	3,213	8	19.9	28	54,439	3	19.1	24
Less than 3 years of Natural Science	8,077	20	18.0	17	227,926	12	18.1	18
Zero years / no Natural Science courses reported	3,875	10	17.8	17	103,680	5	18.0	20

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

# Section IV

## Career and Educational Aspirations

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 40,629

**Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans**

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	620	2	18.5	100	3	16.3	489	2	19.0
Architecture	442	1	19.8	45	1	15.3	372	1	20.4
Area, Ethnic, & Multidisciplinary Studies	60	0	20.2	8	0	16.6	50	0	21.0
Arts: Visual & Performing	3,512	9	20.4	489	13	17.3	2,816	9	21.1
Business	2,526	6	20.9	240	7	16.6	2,173	7	21.4
Communications	519	1	21.4	36	1	18.1	460	2	21.8
Community, Family, & Personal Services	1,581	4	17.9	403	11	16.6	1,053	4	18.7
Computer Science & Mathematics	1,230	3	22.7	94	3	18.0	1,096	4	23.2
Education	1,824	4	20.9	98	3	16.7	1,626	5	21.2
Engineering	2,604	6	22.8	155	4	15.4	2,332	8	23.4
Engineering Technology & Drafting	648	2	19.8	101	3	16.0	515	2	20.6
English & Foreign Languages	580	1	23.0	30	1	18.4	516	2	23.4
Health Administration & Assisting	1,346	3	18.4	183	5	15.8	1,076	4	18.9
Health Sciences & Technologies	7,179	18	20.7	360	10	16.4	6,543	22	21.0
Philosophy, Religion, & Theology	99	0	20.6	7	0	16.7	87	0	21.0
Repair, Production, & Construction	1,005	2	17.2	354	10	16.0	553	2	18.1
Sciences: Biological & Physical	1,601	4	23.3	46	1	15.7	1,486	5	23.7
Social Sciences & Law	2,538	6	21.1	120	3	16.6	2,298	8	21.5
Undecided	4,421	11	21.2	344	9	16.1	3,426	12	21.9
No Response	6,127	15	17.2	368	10	14.7	689	2	16.6

<sup>1</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

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

Total Students in Report: 40,629

**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	986	16.0	17	13.6	24	14.3	585	16.8	207	14.4
2-yr College Degree	2,652	16.4	23	14.0	54	13.9	1,634	17.2	596	14.8
Bachelors Degree	15,872	20.1	175	16.3	152	15.8	11,676	20.9	2,128	17.3
Graduate Study	6,098	23.0	67	18.6	41	16.7	4,672	23.6	597	19.8
Prof. Level Degree	7,778	22.5	75	17.8	66	17.9	5,398	23.3	1,185	19.2
Other	829	16.9	7	13.7	10	14.8	510	17.6	162	15.2
No Response	6,414	18.0	88	14.9	76	15.5	3,532	19.1	1,177	15.9

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	986	16.0	26	16.5	9	14.2	23	17.3	95	15.1
2-yr College Degree	2,652	16.4	18	16.2	45	13.9	73	16.8	209	15.8
Bachelors Degree	15,872	20.1	252	19.1	200	16.8	522	20.3	767	18.5
Graduate Study	6,098	23.0	154	22.7	66	18.2	209	23.4	292	21.9
Prof. Level Degree	7,778	22.5	227	23.6	98	19.6	300	22.4	429	21.9
Other	829	16.9	18	13.5	8	16.5	20	16.7	94	17.1
No Response	6,414	18.0	114	18.1	100	16.0	168	18.7	1,159	17.6

Total Students in Report: 40,629

**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	16,898	6,434	10,464	3	12	27	26	19	11	2
UTAH STATE UNIVERSITY	Utah	11,333	3,665	7,668	2	8	24	29	23	13	2
UTAH VALLEY UNIVERSITY	Utah	9,816	2,571	7,245	3	13	30	28	17	8	1
BRIGHAM YOUNG UNIVERSITY	Utah	9,189	4,268	4,921	1	6	17	26	27	19	3
WEBER STATE UNIVERSITY	Utah	7,482	2,340	5,142	4	16	30	27	16	6	0
DIXIE STATE UNIVERSITY	Utah	6,604	1,734	4,870	4	20	37	26	10	3	0
SOUTHERN UTAH UNIVERSITY	Utah	5,344	1,167	4,177	2	10	29	30	20	9	0
SALT LAKE COMMUNITY COLLEGE	Utah	5,162	1,710	3,452	9	23	33	22	9	3	0
SNOW COLLEGE	Utah	5,003	1,085	3,918	4	18	33	26	14	5	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	2,033	338	1,695	1	4	19	31	28	16	1
WESTMINSTER COLLEGE	Utah	1,994	257	1,737	4	14	25	26	20	10	1
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	1,479	312	1,167	2	7	26	32	22	11	1
STATE-NO COLLEGE PLANS	Iowa	1,428	1,428	0	18	37	29	11	4	1	0
UTAH CAREER COLLEGE-LAYTON	Utah	1,084	197	887	7	20	36	24	10	3	0
NCAA ELIGIBILITY CENTER	Indiana	1,004	413	591	3	13	30	27	19	7	1
ARIZONA STATE UNIVERSITY	Arizona	809	240	569	5	19	31	26	12	7	1
STANFORD UNIVERSITY	California	673	135	538	1	3	10	16	21	33	15
UNIVERSITY OF SOUTHERN CALIFORNIA	California	619	129	490	5	14	27	26	17	10	2
UNIVERSITY OF WASHINGTON	Washington	581	109	472	2	7	24	25	23	17	3
UTAH STATE UNIVERSITY EASTERN	Utah	580	185	395	3	18	30	27	15	6	1
UNIVERSITY OF OREGON	Oregon	578	107	471	2	8	29	26	21	11	1
LDS BUSINESS COLLEGE	Utah	521	86	435	5	19	29	28	15	4	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	445	85	360	3	15	27	26	15	11	2
HARVARD COLLEGE	Massachusetts	395	62	333	1	5	13	17	16	33	13
PROVO COLLEGE	Utah	374	52	322	13	31	36	16	3	1	0
BROADVIEW UNIVERSITY-BEAU	Utah	356	78	278	11	30	32	18	6	3	0
SAN DIEGO STATE UNIVERSITY	California	331	73	258	3	19	32	25	15	6	0
UNIVERSITY OF ARIZONA	Arizona	317	60	257	6	15	26	26	20	7	1
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	307	55	252	8	24	30	22	11	4	0
OREGON STATE UNIVERSITY	Oregon	288	54	234	1	14	29	26	19	10	1
All Other Institutions		21,891	4,501	17,390	7	18	28	21	14	9	2
<b>Total</b>		<b>114,918</b>	<b>33,930</b>	<b>80,988</b>	<b>4</b>	<b>14</b>	<b>28</b>	<b>26</b>	<b>17</b>	<b>10</b>	<b>1</b>

# Section V

## Optional Writing Test Results

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 40,629

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>3,389</b>	<b>1,108,908</b>	<b>25.2</b>	<b>21.0</b>	<b>7.7</b>	<b>6.9</b>	<b>24.0</b>	<b>20.2</b>
Black/African American	41	136,380	18.6	16.3	6.7	6.0	18.3	15.9
American Indian/Alaska Native	24	7,142	18.6	16.5	7.1	5.9	18.7	16.0
White	2,423	567,060	25.9	22.8	7.8	7.1	24.7	21.8
Hispanic/Latino	318	196,970	21.7	18.4	7.3	6.7	21.1	18.1
Asian	210	68,736	23.7	23.9	7.5	7.6	22.8	23.0
Native Hawaiian/Other Pac. Isl.	33	4,070	18.2	18.0	7.0	6.5	18.2	17.6
Two or more races	166	45,517	25.1	21.3	7.7	6.9	24.1	20.4
Prefer not/No Response	174	83,033	26.1	20.8	7.6	6.7	24.7	19.9
Males	1,499	507,737	25.3	20.7	7.5	6.6	23.9	19.7
Females	1,890	590,537	25.1	21.4	7.9	7.1	24.1	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4





