

# ACT Profile Report - State

Graduating Class 2014

Wyoming





## 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 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](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

20% 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:** 6,098 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. 53% 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 13% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 20% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 10% of these students were college ready. In comparison, 50% 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 24% of the cohort took less than three years of natural science courses. 14% of these students were college ready. In comparison, 38% 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 56% 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

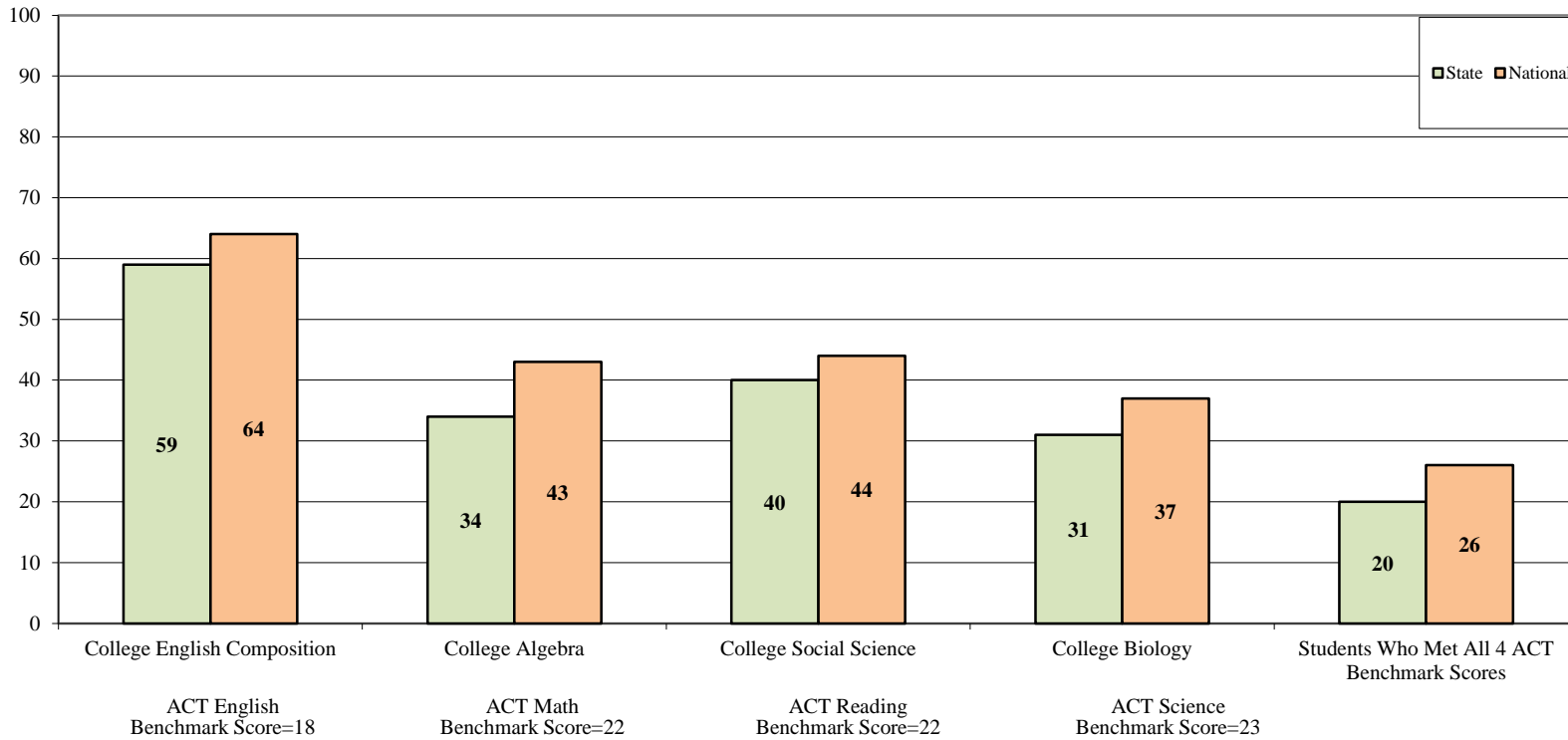
## Executive Summary

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: 6,098

**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	5,533	1,568,835	58	66	34	43	45	52	23	29	17	24
2011	5,533	1,623,112	61	66	36	45	49	52	24	30	18	25
2012	5,527	1,666,017	60	67	38	46	46	52	28	31	20	25
2013	5,896	1,799,243	55	64	33	44	39	44	30	36	20	26
<b>2014</b>	<b>6,098</b>	<b>1,845,787</b>	<b>59</b>	<b>64</b>	<b>34</b>	<b>43</b>	<b>40</b>	<b>44</b>	<b>31</b>	<b>37</b>	<b>20</b>	<b>26</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
2010	5,533	1,568,835	19.0	20.5	19.8	21.0	20.4	21.3	20.1	20.9	20.0	21.0
2011	5,533	1,623,112	19.4	20.6	20.0	21.1	20.8	21.3	20.4	20.9	20.3	21.1
2012	5,527	1,666,017	19.2	20.5	20.2	21.1	20.5	21.3	20.6	20.9	20.3	21.1
2013	5,896	1,799,243	18.6	20.2	19.7	20.9	20.2	21.1	20.0	20.7	19.8	20.9
<b>2014</b>	<b>6,098</b>	<b>1,845,787</b>	<b>19.3</b>	<b>20.3</b>	<b>19.9</b>	<b>20.9</b>	<b>20.6</b>	<b>21.3</b>	<b>20.2</b>	<b>20.8</b>	<b>20.1</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
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
<b>2014</b>	<b>1,845,787</b>	<b>20.3</b>	<b>20.9</b>	<b>21.3</b>	<b>20.8</b>	<b>21.0</b>

**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
2010	3,026	2,304	55	42	20.8	16.9	21.3	18.1	22.0	18.6	21.6	18.5	21.5	18.2
2011	3,140	2,195	57	40	21.1	17.1	21.5	18.1	22.3	18.9	21.8	18.6	21.8	18.3
2012	3,169	2,087	57	38	20.8	17.3	21.6	18.6	21.8	19.0	21.7	19.2	21.6	18.6
2013	3,198	2,378	54	40	20.6	16.5	21.3	17.9	21.9	18.3	21.6	18.2	21.5	17.9
<b>2014</b>	<b>3,253</b>	<b>2,559</b>	<b>53</b>	<b>42</b>	<b>21.2</b>	<b>17.4</b>	<b>21.4</b>	<b>18.3</b>	<b>22.3</b>	<b>18.9</b>	<b>21.8</b>	<b>18.6</b>	<b>21.8</b>	<b>18.4</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.

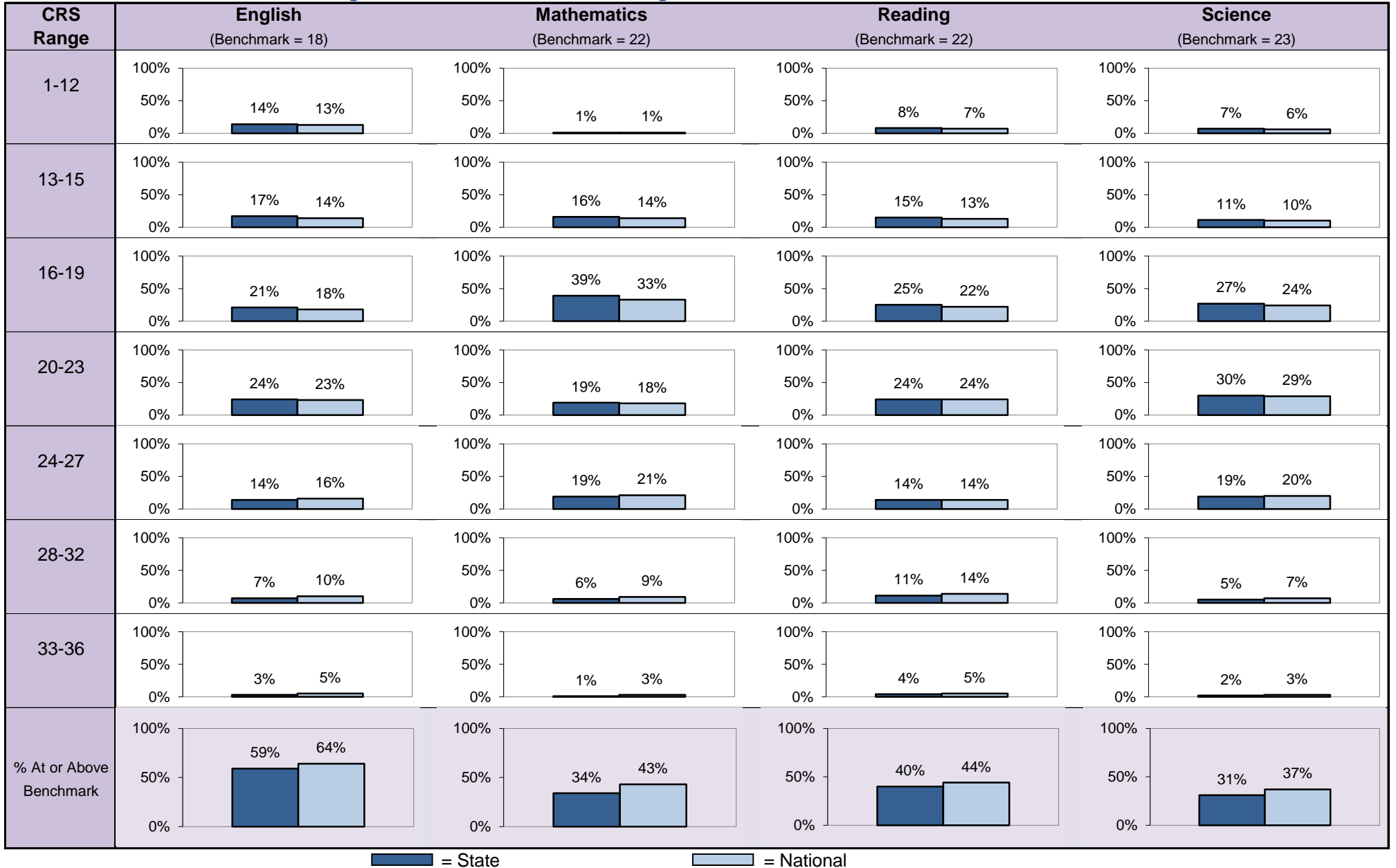
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>5,533</b>	<b>100</b>	<b>20.0</b>	<b>5,533</b>	<b>100</b>	<b>20.3</b>	<b>5,527</b>	<b>100</b>	<b>20.3</b>	<b>5,896</b>	<b>100</b>	<b>19.8</b>	<b>6,098</b>	<b>100</b>	<b>20.1</b>
Black/African American	43	1	16.8	47	1	17.3	39	1	17.7	51	1	16.6	50	1	17.0
American Indian/Alaska Native	135	2	17.0	118	2	16.9	99	2	17.2	114	2	16.4	120	2	16.7
White	4,381	79	20.4	4,227	76	20.7	4,269	77	20.8	4,397	75	20.3	4,452	73	20.6
Hispanic/Latino	384	7	18.0	463	8	18.5	596	11	17.8	636	11	18.0	720	12	18.3
Asian	52	1	21.1	47	1	21.4	34	1	22.0	42	1	22.7	43	1	23.0
Native Hawaiian/Other Pacific Islander	0	0	.	6	0	19.7	15	0	17.7	15	0	17.3	9	0	20.4
Two or more races	153	3	19.1	146	3	20.4	168	3	19.9	170	3	20.0	229	4	19.6
Prefer not to respond/No response	385	7	18.9	479	9	19.2	307	6	19.7	471	8	18.3	475	8	19.1

Total Students in Report: 6,098

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



Total Students in Report: 6,098

**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	5,691	93	19.7	20.1	20.9	20.5	20.4
	Extended Time	407	7	13.9	16.1	15.9	16.7	15.7
	Total	6,098	100	19.3	19.9	20.6	20.2	20.1
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	62	36	42	33	21
	Extended Time	18	9	12	10	5
	Total	59	34	40	31	20
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: 6,098

**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	9	100	4	100	33	100	9	100	0	100	36
35	41	100	5	100	14	99	22	100	4	100	35
34	63	99	23	100	64	99	31	99	20	100	34
33	46	98	27	99	125	98	34	99	31	100	33
32	74	97	27	99	125	96	44	98	38	99	32
31	62	96	26	99	134	94	28	98	72	98	31
30	71	95	77	98	137	92	62	97	97	97	30
29	106	94	81	97	138	90	68	96	103	96	29
28	137	92	152	96	151	87	126	95	155	94	28
27	122	90	178	93	184	85	150	93	183	91	27
26	180	88	258	90	199	82	171	91	249	88	26
25	255	85	284	86	209	79	361	88	292	84	25
24	313	81	416	81	258	75	460	82	263	80	24
23	241	76	321	74	391	71	329	74	317	75	23
22	367	72	213	69	253	65	572	69	414	70	22
21	427	66	327	66	489	60	533	60	507	63	21
20	441	59	295	60	304	52	391	51	419	55	20
19	380	52	388	55	491	47	604	44	439	48	19
18	278	45	368	49	274	39	313	34	427	41	18
17	193	41	704	43	313	35	463	29	443	34	17
16	435	38	923	32	440	30	250	22	390	27	16
15	388	30	611	16	287	22	228	18	383	20	15
14	378	24	277	6	389	18	202	14	353	14	14
13	255	18	80	2	214	11	224	11	288	8	13
12	211	14	17	1	245	8	154	7	156	3	12
11	245	10	12	1	119	4	125	4	42	1	11
10	203	6	3	1	78	2	63	2	9	1	10
9	100	3	0	1	21	1	58	1	2	1	9
8	50	1	1	1	4	1	14	1	1	1	8
7	21	1	0	1	7	1	6	1	1	1	7
6	5	1	0	1	6	1	0	1	0	1	6
5	0	1	0	1	1	1	2	1	0	1	5
4	1	1	0	1	0	1	1	1	0	1	4
3	0	1	0	1	1	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	19.3 (6.0)		19.9 (4.7)		20.6 (6.1)		20.2 (5.0)		20.1 (5.0)		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: 6,098

**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	98	100	51	100	101	100	119	100	83	100	13	100	15	100	18
17	233	98	40	99	285	98	256	98	124	99	11	100	10	100	17
16	140	95	226	99	279	94	288	94	206	97	65	100	144	100	16
15	248	92	365	95	270	89	354	89	243	93	187	99	207	97	15
14	174	88	256	89	396	85	298	83	362	89	343	95	486	94	14
13	359	85	543	85	646	78	418	78	608	83	498	90	395	86	13
12	406	79	499	76	537	68	434	72	503	73	481	82	600	79	12
11	529	73	735	68	504	59	533	64	461	65	809	74	944	70	11
10	577	64	602	55	566	51	468	56	395	58	819	61	617	54	10
9	614	55	764	46	524	41	881	48	702	51	1,233	47	1,027	44	9
8	736	45	547	33	612	33	428	34	754	40	695	27	888	27	8
7	553	33	450	24	744	23	398	27	783	27	470	15	381	13	7
6	496	23	437	17	326	10	402	20	528	14	134	8	37	6	6
5	412	15	280	10	189	5	508	13	262	6	209	6	185	6	5
4	252	9	258	5	71	2	181	5	53	1	21	2	48	3	4
3	220	4	36	1	31	1	96	2	22	1	92	2	70	2	3
2	47	1	9	1	16	1	36	1	8	1	1	1	21	1	2
1	4	1	0	1	1	1	0	1	1	1	17	1	23	1	1
Avg (SD)	9.4 (3.7)		10.0 (3.3)		10.6 (3.5)		10.2 (3.8)		10.0 (3.3)		9.9 (2.7)		10.2 (2.8)		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)	23	24	24	24	23
Q2 (50th Percentile)	19	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	16

Total Students in Report: 6,098

**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>6,098</b>	<b>53</b>	<b>21.8</b>	<b>18.4</b>
	Black/African American	50	34	18.0	17.3
	American Indian/Alaska Native	120	41	18.4	15.7
	White	4,452	56	22.2	18.9
	Hispanic/Latino	720	49	20.0	17.1
	Asian	43	81	23.7	20.4
	Native Hawaiian/Other Pac. Isl.	9	67	21.7	18.0
	Two or more races	229	49	21.2	18.2
	Prefer not/No Response	475	43	21.2	17.8
National	<b>All Students</b>	<b>1,845,787</b>	<b>73</b>	<b>21.8</b>	<b>18.9</b>
	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

<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>	19.3	19.9	20.6	20.2	20.1
	Black/African American	16.2	16.9	17.2	17.1	17.0
	American Indian/Alaska Native	14.9	16.9	17.1	17.2	16.7
	White	19.9	20.3	21.1	20.7	20.6
	Hispanic/Latino	17.2	18.5	18.6	18.5	18.3
	Asian	22.1	24.2	22.6	23.0	23.0
	Native Hawaiian/Other Pac. Isl.	18.6	18.7	22.3	21.6	20.4
	Two or more races	18.8	19.2	20.2	19.8	19.6
	Prefer not/No Response	18.2	19.0	19.6	19.3	19.1
National	<b>All Students</b>	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: 6,098

**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	159	3	59	1	236	4	96	2
	28 to 32	450	7	363	6	685	11	328	5
	24 to 27	870	14	1,136	19	850	14	1,142	19
	20 to 23	1,476	24	1,156	19	1,437	24	1,825	30
	16 to 19	1,286	21	2,383	39	1,518	25	1,630	27
	13 to 15	1,021	17	968	16	890	15	654	11
	01 to 12	836	14	33	1	482	8	423	7
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	3,079	50	18.9	20.1	20.4	20.4	20.1
	Females	3,005	49	19.8	19.6	20.7	20.0	20.2
	Missing	14	0	16.6	17.6	19.1	18.5	18.1
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	56	36	40	33	22
	Females	63	33	40	29	18
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 6,098

**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>	3,253	73	21.2	47	21.4	50	22.3	42	21.8	29	21.8
	Less than Core	2,559	46	17.4	21	18.3	29	18.9	20	18.6	11	18.4
	Missing <sup>3</sup>	286	23	14.5	11	16.7	15	16.4	9	16.4	5	16.1
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

<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>	5,213	63	19.8	5,060	40	20.6	4,688	43	21.2	4,383	38	21.2
	Less than Core	700	38	16.5	797	4	15.9	1,195	29	18.9	1,489	14	17.8
	Missing <sup>3</sup>	185	24	14.8	241	11	16.6	215	17	17.0	226	9	16.6
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

<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

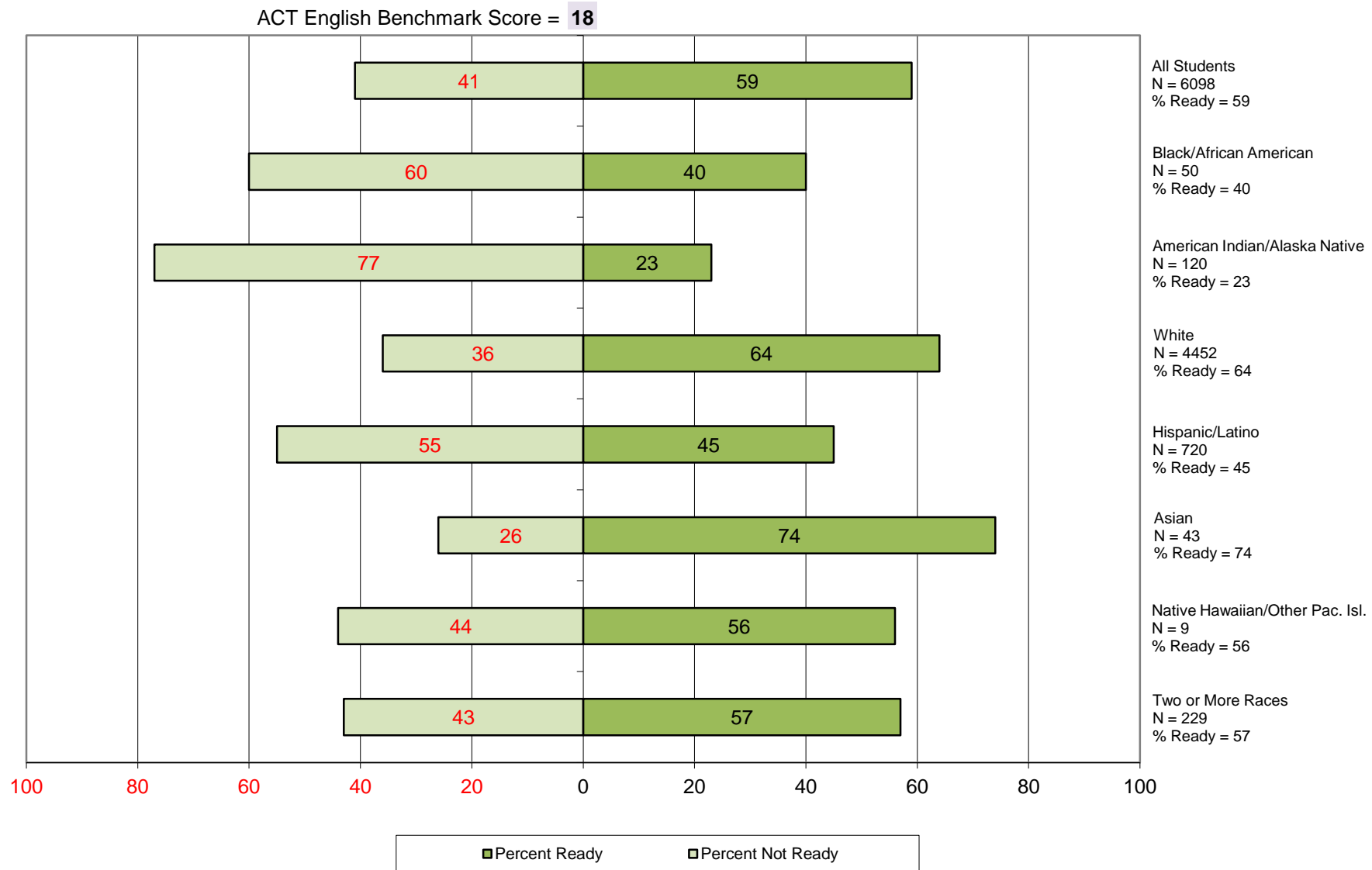


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

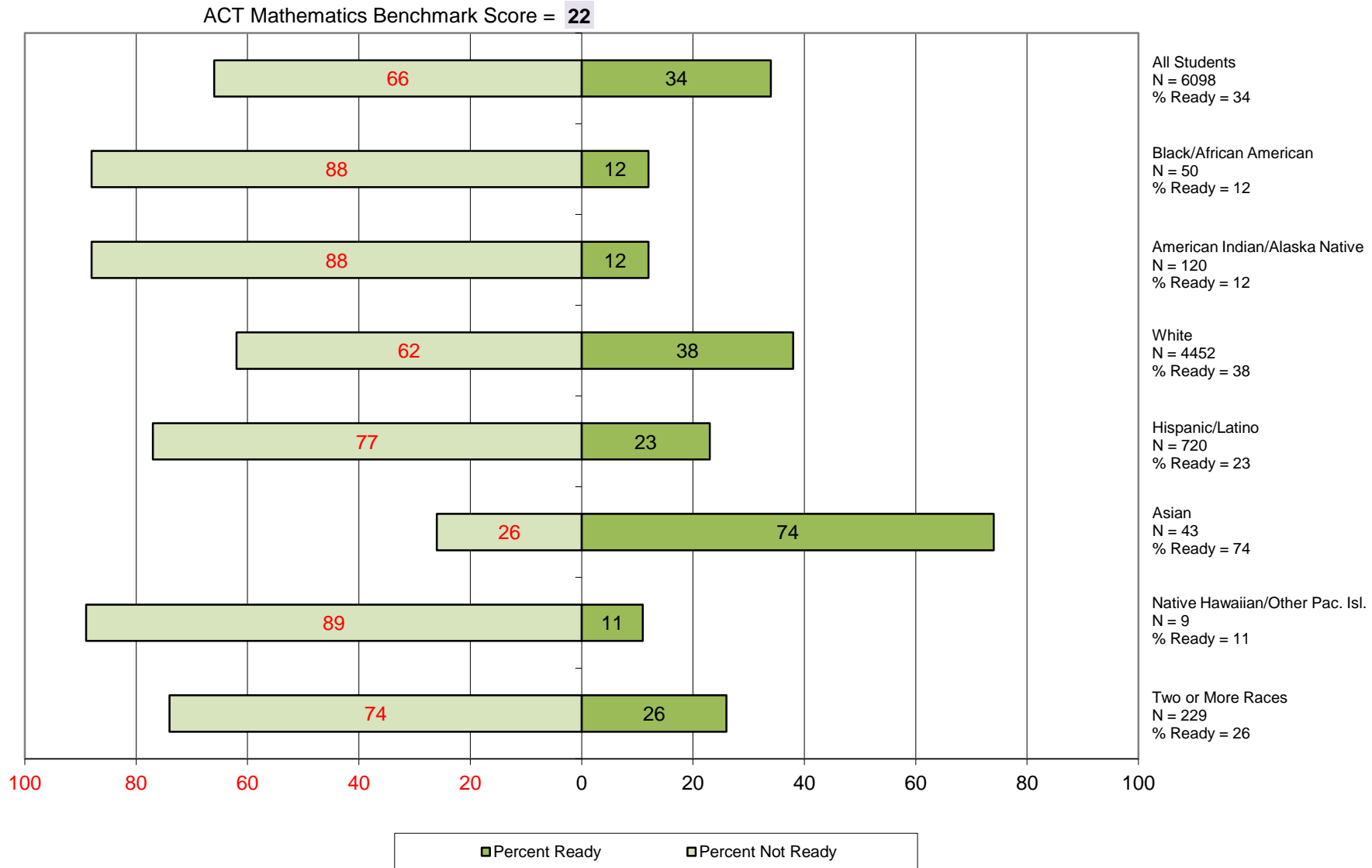


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

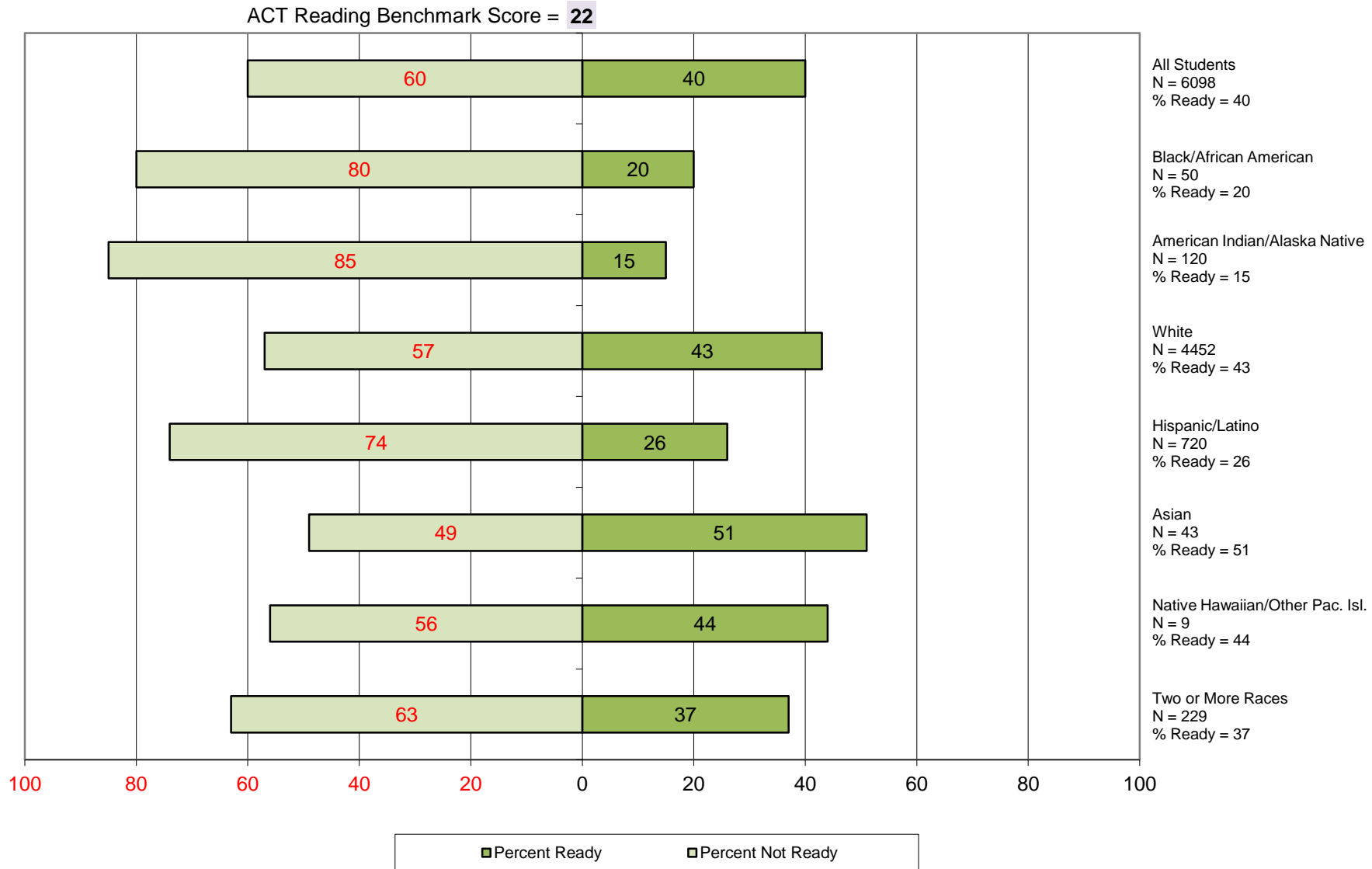


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

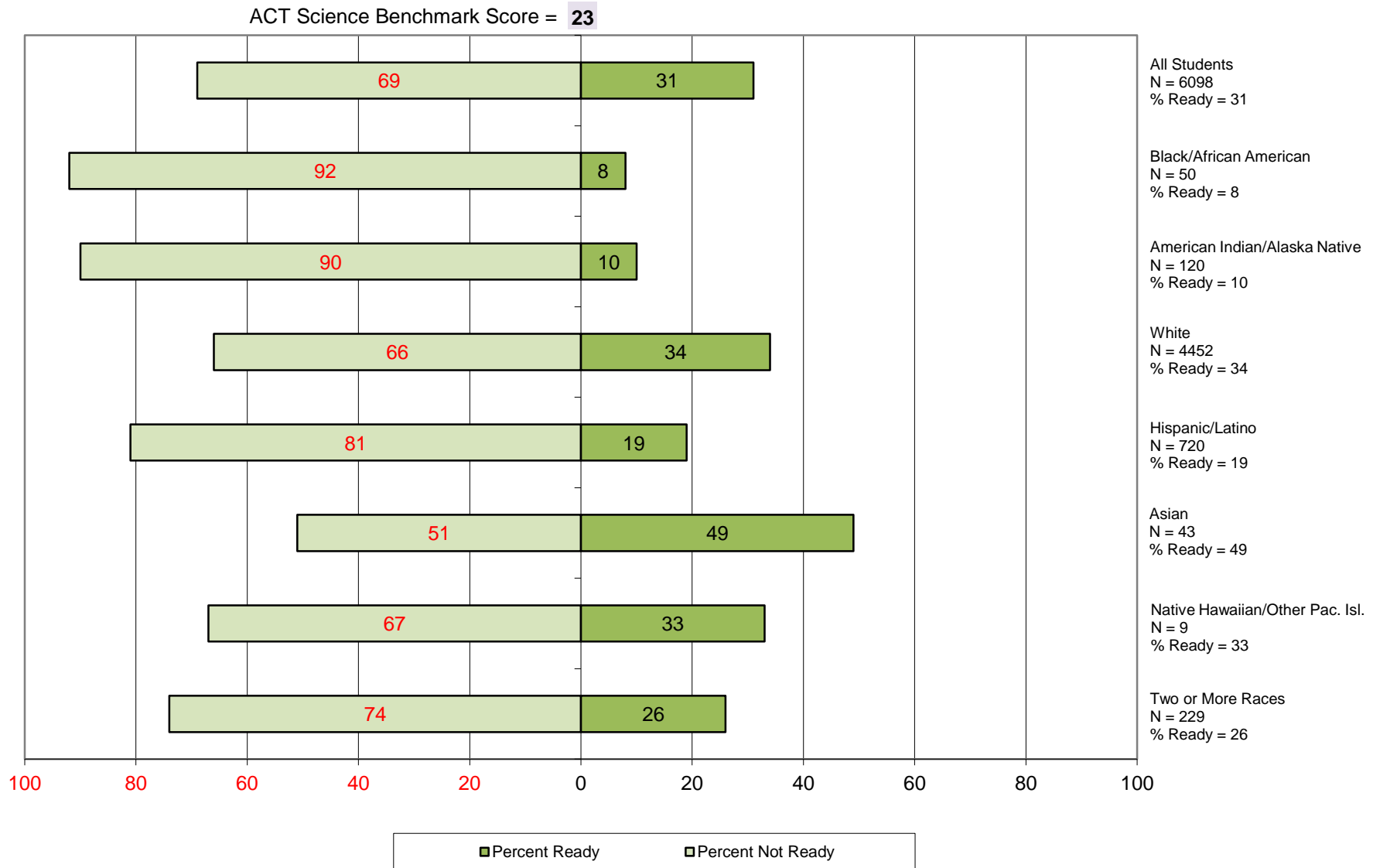
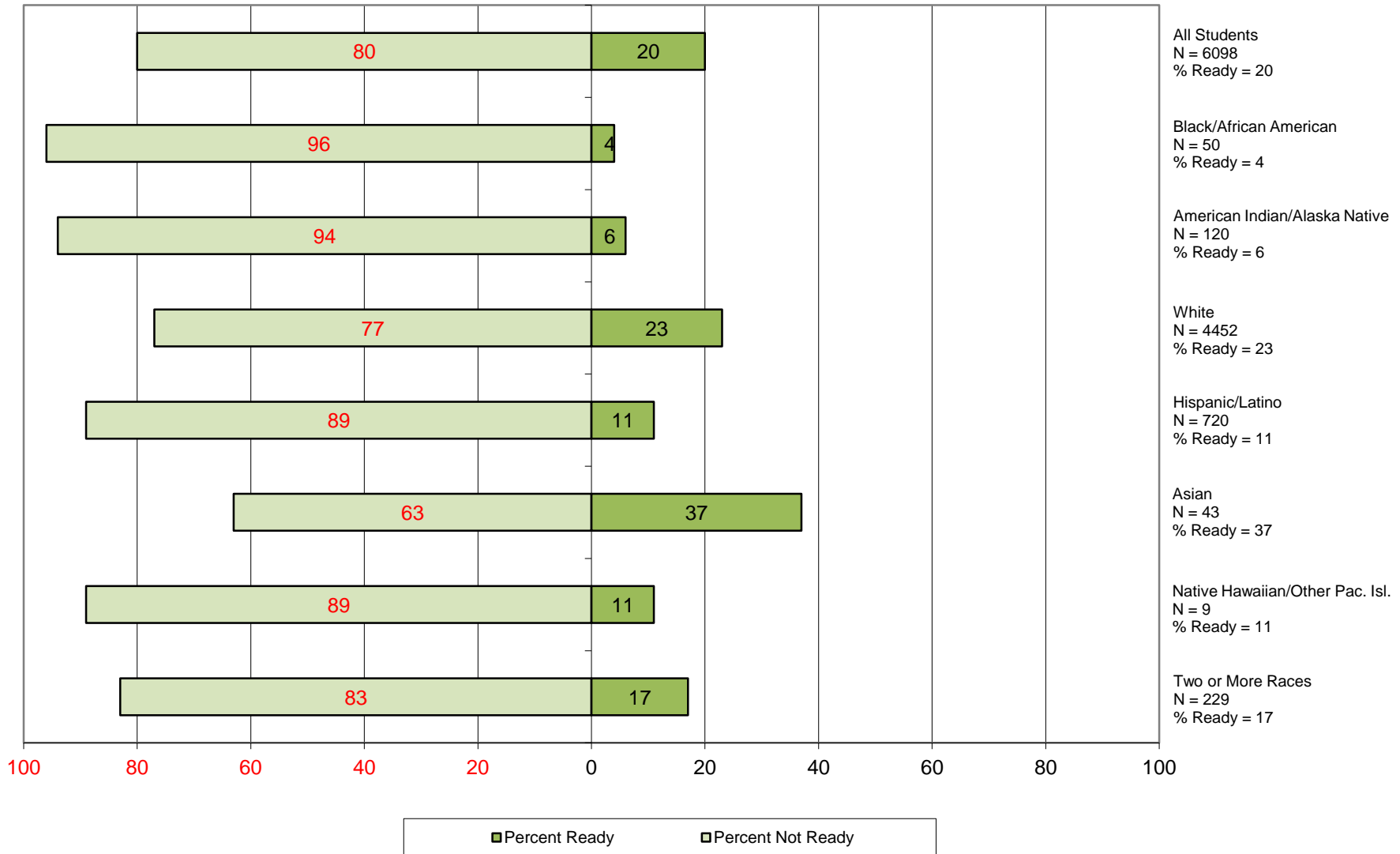


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 6,098

**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	1,000	16	21.3	4.8	392	13	21.1	5.0	608	20	21.5	4.4
Eng 9, Eng 10, Eng 11, Eng 12	4,213	69	19.5	3.0	2,181	71	19.1	3.0	2,020	67	19.8	2.7
Less than 4 years of English	700	11	16.5	-	406	13	16.1	-	292	10	17.1	-
Zero years / no English courses reported	185	3	14.8	-	100	3	15.1	-	85	3	14.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	316	5	24.2	8.3	160	5	25.1	8.9	155	5	23.1	7.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	558	9	22.0	6.1	240	8	22.7	6.5	318	11	21.4	5.8
Alg 1, Alg 2, Geom, & Trig	557	9	20.5	4.6	281	9	20.9	4.7	275	9	20.0	4.4
Alg 1, Alg 2, Geom, & Other Adv Math	985	16	19.9	4.0	435	14	20.4	4.2	549	18	19.4	3.8
Other comb of 4 or more years of Math	1,222	20	23.4	7.5	602	20	23.9	7.7	619	21	22.9	7.3
Alg 1, Alg 2, & Geom	1,212	20	17.3	1.4	636	21	17.6	1.4	569	19	17.0	1.4
Other comb of 3 or 3.5 years of Math	210	3	19.6	3.7	123	4	19.8	3.6	87	3	19.3	3.7
Less than 3 years of Math	797	13	15.9	-	474	15	16.2	-	320	11	15.6	-
Zero years / no Math courses reported	241	4	16.6	-	128	4	16.9	-	113	4	16.3	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	206	3	21.1	2.2	105	3	20.7	1.8	101	3	21.5	2.6
Other comb of 4 or more years Social Science	2,043	34	21.6	2.7	990	32	21.6	2.7	1,050	35	21.7	2.8
US Hist, World Hist, & Am Gov	721	12	19.6	0.7	389	13	19.2	0.3	328	11	20.2	1.3
Other comb of 3 or 3.5 years of Social Science	1,718	28	21.2	2.3	808	26	21.2	2.3	906	30	21.3	2.4
Less than 3 years of Social Science	1,195	20	18.9	-	673	22	18.9	-	519	17	18.9	-
Zero years / no Social Science courses reported	215	4	17.0	-	114	4	17.3	-	101	3	16.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	1,813	30	21.9	4.1	944	31	22.5	4.6	866	29	21.2	3.4
Bio, Chem, Phys	183	3	24.1	6.3	103	3	24.6	6.7	80	3	23.4	5.6
Gen Sci <sup>2</sup> , Bio, Chem	2,012	33	20.6	2.8	893	29	20.5	2.6	1,116	37	20.7	2.9
Other comb of 3 years of Natural Science	375	6	20.0	2.2	232	8	20.5	2.6	142	5	19.2	1.4
Less than 3 years of Natural Science	1,489	24	17.8	-	784	25	17.9	-	698	23	17.8	-
Zero years / no Natural Science courses reported	226	4	16.6	-	123	4	17.1	-	103	3	16.1	-

<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: 6,098

**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	1,000	16	21.3	74	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	4,213	69	19.5	61	1,305,220	71	20.5	65
Less than 4 years of English	700	11	16.5	38	88,420	5	15.9	36
Zero years / no English courses reported	185	3	14.8	24	81,272	4	16.3	38
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	316	5	24.2	72	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	558	9	22.0	56	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	557	9	20.5	38	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	985	16	19.9	30	356,555	19	19.4	31
Other comb of 4 or more years of Math	1,222	20	23.4	66	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	1,212	20	17.3	10	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	210	3	19.6	30	90,105	5	19.8	35
Less than 3 years of Math	797	13	15.9	4	74,627	4	16.4	8
Zero years / no Math courses reported	241	4	16.6	11	84,966	5	17.8	19
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	206	3	21.1	41	48,992	3	22.3	50
Other comb of 4 or more years Social Science	2,043	34	21.6	47	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	721	12	19.6	33	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	1,718	28	21.2	44	504,877	27	21.3	43
Less than 3 years of Social Science	1,195	20	18.9	29	180,385	10	19.4	32
Zero years / no Social Science courses reported	215	4	17.0	17	85,294	5	17.8	24
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	1,813	30	21.9	43	781,043	42	22.1	46
Bio, Chem, Phys	183	3	24.1	61	199,419	11	23.1	54
Gen Sci <sup>1</sup> , Bio, Chem	2,012	33	20.6	32	505,460	27	20.0	28
Other comb of 3 years of Natural Science	375	6	20.0	30	52,236	3	19.2	24
Less than 3 years of Natural Science	1,489	24	17.8	14	220,701	12	18.1	17
Zero years / no Natural Science courses reported	226	4	16.6	9	86,928	5	17.7	17

<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: 6,098

**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	195	3	19.5	41	5	16.8	141	3	20.3
Architecture	62	1	20.6	6	1	17.2	52	1	21.1
Area, Ethnic, & Multidisciplinary Studies	8	0	16.9	3	0	15.7	4	0	18.8
Arts: Visual & Performing	466	8	19.9	91	10	17.5	343	8	20.7
Business	328	5	20.7	54	6	16.9	263	6	21.5
Communications	51	1	20.7	4	0	15.8	43	1	21.5
Community, Family, & Personal Services	333	5	18.1	101	11	16.9	210	5	18.9
Computer Science & Mathematics	111	2	22.5	17	2	17.0	91	2	23.5
Education	480	8	20.5	26	3	17.2	442	10	20.7
Engineering	428	7	22.6	43	5	16.6	368	9	23.5
Engineering Technology & Drafting	109	2	19.1	32	4	16.4	71	2	20.4
English & Foreign Languages	70	1	22.5	7	1	17.1	55	1	23.0
Health Administration & Assisting	117	2	18.6	20	2	17.7	92	2	18.9
Health Sciences & Technologies	1,017	17	20.8	80	9	17.6	905	21	21.2
Philosophy, Religion, & Theology	35	1	21.9	2	0	17.5	29	1	22.3
Repair, Production, & Construction	306	5	17.4	181	20	17.1	83	2	18.9
Sciences: Biological & Physical	235	4	22.2	14	2	18.1	213	5	22.6
Social Sciences & Law	392	6	21.4	22	2	17.1	354	8	21.8
Undecided	590	10	20.7	77	9	16.6	431	10	21.7
No Response	742	12	17.5	57	6	15.1	97	2	17.2

<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: 6,098

**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	265	16.4	1	17.0	6	13.3	182	16.5	31	16.0
2-yr College Degree	620	17.1	5	15.0	17	15.5	434	17.4	85	15.8
Bachelors Degree	2,577	20.3	30	17.4	49	16.8	1,924	20.8	294	18.7
Graduate Study	667	22.6	3	19.3	13	19.5	517	23.1	67	20.3
Prof. Level Degree	1,055	22.6	5	19.2	23	16.2	775	23.1	119	20.7
Other	244	17.2	0	.	6	16.8	159	17.4	35	16.5
No Response	670	18.4	6	13.8	6	17.7	461	18.9	89	16.7

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	265	16.4	0	.	1	27.0	14	16.6	30	16.5
2-yr College Degree	620	17.1	2	21.0	0	.	28	17.5	49	16.9
Bachelors Degree	2,577	20.3	13	21.9	3	16.7	87	20.5	177	18.9
Graduate Study	667	22.6	5	19.8	0	.	21	21.2	41	22.2
Prof. Level Degree	1,055	22.6	17	26.1	3	26.7	42	21.2	71	22.8
Other	244	17.2	1	20.0	1	13.0	15	17.2	27	17.0
No Response	670	18.4	5	20.4	1	14.0	22	18.2	80	17.9

Total Students in Report: 6,098

**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 WYOMING	Wyoming	2,519	1,143	1,376	1	10	25	31	22	10	1
CASPER COLLEGE	Wyoming	961	385	576	3	19	35	28	12	3	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	761	761	0	7	27	28	21	11	5	1
LARAMIE COUNTY COMMUNITY COLLEGE	Wyoming	645	208	437	3	21	33	28	12	3	0
WESTERN WYOMING COMMUNITY COLLEGE	Wyoming	498	266	232	3	22	32	27	11	4	0
SHERIDAN COLLEGE	Wyoming	491	164	327	2	15	33	33	15	2	0
NORTHWEST COLLEGE	Wyoming	429	144	285	2	15	34	28	17	5	0
COLORADO STATE UNIVERSITY	Colorado	328	67	261	0	7	25	36	21	11	1
GILLETTE COLLEGE	Wyoming	291	103	188	5	22	41	25	6	1	0
BLACK HILLS STATE UNIVERSITY	South Dakota	280	68	212	1	9	28	37	22	4	0
CENTRAL WYOMING COLLEGE	Wyoming	276	100	176	6	21	37	23	11	1	0
EASTERN WYOMING COLLEGE	Wyoming	237	83	154	6	22	38	22	9	2	0
STATE-NO COLLEGE PLANS	Iowa	197	197	0	14	36	31	12	6	1	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	180	47	133	2	3	16	28	26	23	2
UTAH STATE UNIVERSITY	Utah	148	38	110	1	3	20	36	26	11	1
MONTANA STATE UNIVERSITY-BILLINGS	Montana	131	23	108	1	15	28	30	18	8	0
UNIVERSITY OF UTAH	Utah	128	24	104	0	7	23	34	20	15	2
BRIGHAM YOUNG UNIVERSITY	Utah	124	50	74	0	6	9	21	38	23	3
ARIZONA STATE UNIVERSITY	Arizona	112	39	73	4	14	25	29	23	5	0
CHADRON STATE COLLEGE	Nebraska	104	28	76	1	11	27	39	14	8	0
COLORADO MESA UNIVERSITY	Colorado	101	29	72	0	11	24	32	23	11	0
NCAA ELIGIBILITY CENTER	Indiana	100	32	68	0	12	23	30	23	11	1
UNIVERSITY OF WASHINGTON	Washington	99	24	75	1	2	18	25	25	24	4
UNIV OF COLORADO-BOULDER	Colorado	96	15	81	1	3	22	35	26	10	2
WEBER STATE UNIVERSITY	Utah	96	22	74	1	11	26	42	14	6	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	95	26	69	0	3	16	29	33	18	1
MICHIGAN STATE UNIVERSITY	Michigan	90	23	67	0	3	9	18	32	33	4
ART INSTITUTE OF COLORADO THE	Colorado	86	35	51	3	14	35	29	14	5	0
UNIV OF NORTHERN COLORADO	Colorado	85	17	68	1	5	33	31	18	12	1
UNIVERSITY OF DENVER	Colorado	83	17	66	2	16	20	29	25	6	1
All Other Institutions		4,916	1,127	3,789	3	15	25	26	19	11	2
<b>Total</b>		<b>14,687</b>	<b>5,305</b>	<b>9,382</b>	<b>3</b>	<b>15</b>	<b>27</b>	<b>28</b>	<b>18</b>	<b>8</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: 6,098

**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>4,457</b>	<b>976,031</b>	<b>18.8</b>	<b>21.3</b>	<b>6.8</b>	<b>7.1</b>	<b>18.6</b>	<b>20.6</b>
Black/African American	39	114,263	16.2	16.4	6.8	6.3	16.7	16.3
American Indian/Alaska Native	98	6,408	14.5	16.8	6.0	6.2	14.6	16.5
White	3,157	520,054	19.4	23.1	6.9	7.3	19.1	22.1
Hispanic/Latino	538	167,575	16.8	18.5	6.7	6.9	16.9	18.4
Asian	29	61,663	23.4	23.7	7.5	7.7	22.5	22.9
Native Hawaiian/Other Pac. Isl.	7	3,742	18.9	17.7	5.6	6.6	17.3	17.6
Two or more races	178	39,565	18.4	21.4	6.6	7.1	18.0	20.7
Prefer not/No Response	411	62,761	18.1	21.6	6.5	7.1	17.7	20.9
Males	2,371	438,500	18.4	21.1	6.6	6.9	18.0	20.2
Females	2,072	530,240	19.3	21.6	7.1	7.3	19.2	21.1
Missing	14	7,291	16.6	16.0	6.8	5.9	16.9	15.7





