



# Profile Report - State

Graduating Class 2015

Wyoming





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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

22% 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:** 6,042 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. 54% 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, 3% were college ready. 18% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 9% of these students were college ready. In comparison, 51% 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. 16% of these students were college ready. In comparison, 42% of students who took at least three years of science coursework were college ready.

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

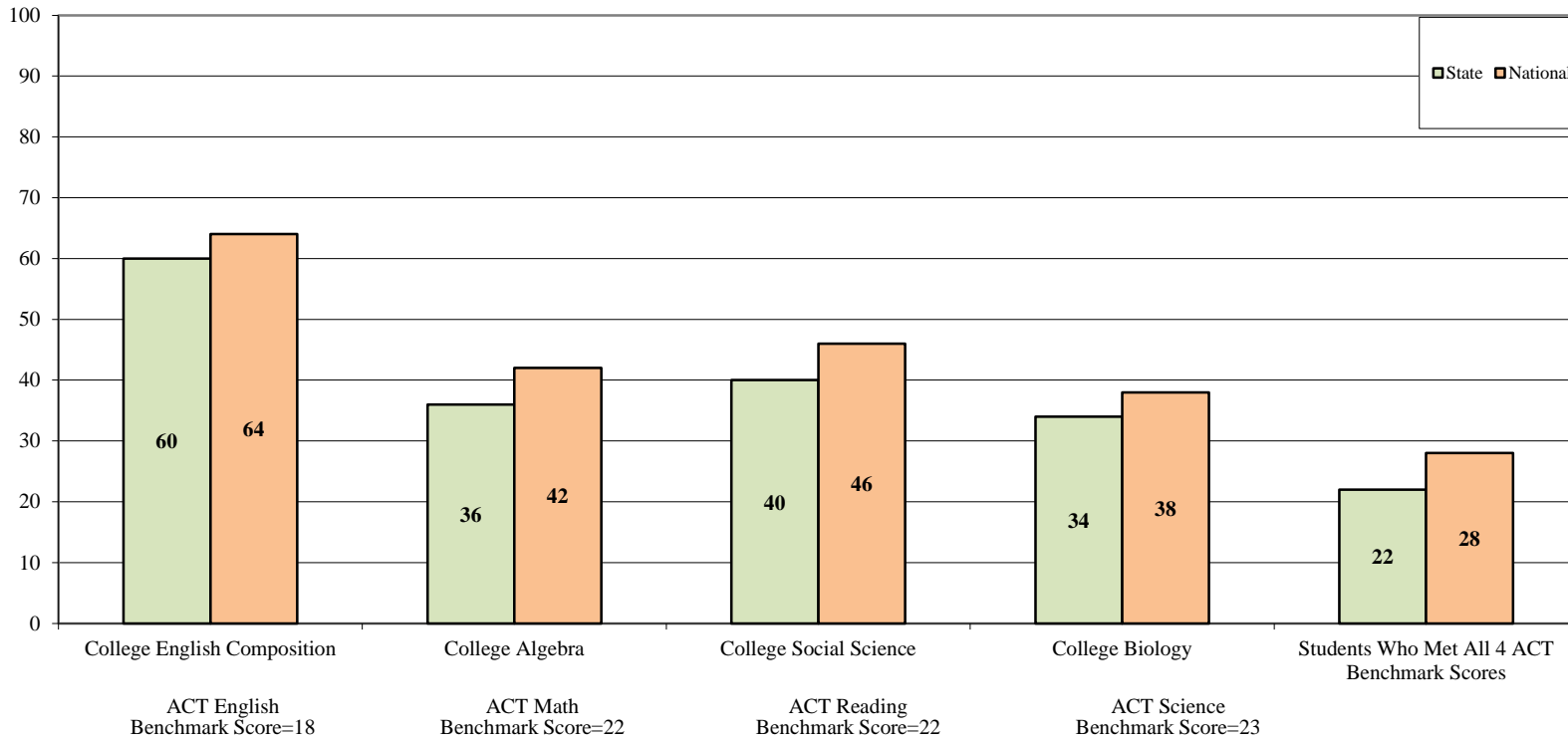
## Executive Summary

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: 6,042

**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	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
2014	6,098	1,845,787	59	64	34	43	40	44	31	37	20	26
<b>2015</b>	<b>6,042</b>	<b>1,924,436</b>	<b>60</b>	<b>64</b>	<b>36</b>	<b>42</b>	<b>40</b>	<b>46</b>	<b>34</b>	<b>38</b>	<b>22</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	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
2014	6,098	1,845,787	19.3	20.3	19.9	20.9	20.6	21.3	20.2	20.8	20.1	21.0
<b>2015</b>	<b>6,042</b>	<b>1,924,436</b>	<b>19.4</b>	<b>20.4</b>	<b>19.9</b>	<b>20.8</b>	<b>20.6</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: 6,042

**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	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
2014	3,253	2,559	53	42	21.2	17.4	21.4	18.3	22.3	18.9	21.8	18.6	21.8	18.4
<b>2015</b>	<b>3,278</b>	<b>2,451</b>	<b>54</b>	<b>41</b>	<b>21.3</b>	<b>17.5</b>	<b>21.4</b>	<b>18.3</b>	<b>22.3</b>	<b>18.8</b>	<b>21.9</b>	<b>18.8</b>	<b>21.8</b>	<b>18.5</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>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>	<b>6,042</b>	<b>100</b>	<b>20.2</b>
Black/African American	47	1	17.3	39	1	17.7	51	1	16.6	50	1	17.0	38	1	17.3
American Indian/Alaska Native	118	2	16.9	99	2	17.2	114	2	16.4	120	2	16.7	128	2	16.2
White	4,227	76	20.7	4,269	77	20.8	4,397	75	20.3	4,452	73	20.6	4,311	71	20.8
Hispanic/Latino	463	8	18.5	596	11	17.8	636	11	18.0	720	12	18.3	673	11	18.2
Asian	47	1	21.4	34	1	22.0	42	1	22.7	43	1	23.0	41	1	22.0
Native Hawaiian/Other Pacific Islander	6	0	19.7	15	0	17.7	15	0	17.3	9	0	20.4	10	0	17.1
Two or more races	146	3	20.4	168	3	19.9	170	3	20.0	229	4	19.6	241	4	20.3
Prefer not to respond/No response	479	9	19.2	307	6	19.7	471	8	18.3	475	8	19.1	600	10	19.5

Total Students in Report: 6,042

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



Total Students in Report: 6,042

**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	5,623	93	19.9	20.2	21.0	20.7	20.6
	Extended Time	419	7	13.3	16.1	16.0	16.3	15.5
	Total	6,042	100	19.4	19.9	20.6	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	64	38	42	36	23
	Extended Time	16	6	13	8	4
	Total	60	36	40	34	22
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: 6,042

**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	5	100	4	100	21	100	23	100	0	100	36
35	47	100	7	100	37	100	19	100	10	100	35
34	64	99	20	100	62	99	34	99	23	100	34
33	53	98	14	99	89	98	32	99	26	99	33
32	44	97	37	99	66	97	48	98	50	99	32
31	88	96	31	99	135	95	55	97	56	98	31
30	78	95	79	98	158	93	29	97	75	97	30
29	87	94	61	97	127	91	73	96	119	96	29
28	100	92	161	96	159	88	93	95	143	94	28
27	144	91	186	93	232	86	133	93	175	92	27
26	186	88	289	90	192	82	307	91	223	89	26
25	263	85	230	85	178	79	268	86	313	85	25
24	293	81	424	81	265	76	413	82	293	80	24
23	322	76	318	74	440	72	544	75	353	75	23
22	371	71	321	69	276	64	383	66	385	69	22
21	418	64	191	64	439	60	412	59	485	63	21
20	433	58	341	61	324	52	608	53	422	55	20
19	350	50	359	55	474	47	551	43	462	48	19
18	296	45	412	49	303	39	388	33	457	40	18
17	314	40	710	42	447	34	317	27	460	33	17
16	316	35	856	31	273	27	302	22	404	25	16
15	433	29	635	16	454	22	262	17	402	18	15
14	349	22	251	6	210	15	208	12	316	12	14
13	218	16	73	2	350	11	184	9	228	6	13
12	199	13	23	1	168	5	199	6	117	3	12
11	175	9	8	1	93	3	65	3	35	1	11
10	189	7	0	1	37	1	44	2	6	1	10
9	109	3	0	1	16	1	25	1	1	1	9
8	60	2	0	1	9	1	18	1	3	1	8
7	28	1	0	1	0	1	3	1	0	1	7
6	8	1	1	1	4	1	2	1	0	1	6
5	2	1	0	1	2	1	0	1	0	1	5
4	0	1	0	1	1	1	0	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)	19.4 (6.0)		19.9 (4.6)		20.6 (5.8)		20.4 (5.0)		20.2 (4.9)		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: 6,042

**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	126	100	60	100	79	100	147	100	103	100	18	100	33	100	18
17	164	98	75	99	226	99	214	98	145	98	10	100	0	99	17
16	137	95	192	98	304	95	320	94	223	96	56	100	96	99	16
15	225	93	315	95	335	90	200	89	256	92	192	99	315	98	15
14	180	89	435	89	328	84	380	85	296	88	387	95	331	93	14
13	325	86	412	82	589	79	389	79	438	83	549	89	592	87	13
12	455	81	493	75	480	69	640	73	429	76	510	80	550	77	12
11	547	73	702	67	516	61	460	62	676	69	613	71	880	68	11
10	710	64	758	56	1,030	53	529	54	519	58	1,138	61	722	54	10
9	565	53	616	43	563	36	692	46	445	49	719	43	1,062	42	9
8	619	43	704	33	657	26	375	34	715	42	635	31	544	24	8
7	593	33	315	21	392	15	411	28	990	30	555	20	373	15	7
6	465	23	395	16	369	9	656	21	518	13	326	11	253	9	6
5	484	15	291	9	109	3	315	10	210	5	225	6	167	5	5
4	239	7	194	5	25	1	237	5	56	1	8	2	39	2	4
3	146	3	73	1	23	1	66	1	15	1	82	2	55	1	3
2	58	1	12	1	5	1	8	1	8	1	4	1	14	1	2
1	4	1	0	1	12	1	3	1	0	1	15	1	16	1	1
Avg (SD)	9.4 (3.6)		10.1 (3.3)		10.8 (3.2)		10.2 (3.8)		10.0 (3.4)		9.9 (2.8)		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: 6,042

**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>6,042</b>	<b>54</b>	<b>21.8</b>	<b>18.5</b>
	Black/African American	38	47	18.4	16.2
	American Indian/Alaska Native	128	34	17.7	15.7
	White	4,311	57	22.3	18.9
	Hispanic/Latino	673	50	19.7	16.9
	Asian	41	71	21.9	22.8
	Native Hawaiian/Other Pac. Isl.	10	10	16.0	17.2
	Two or more races	241	60	21.4	18.8
	Prefer not/No Response	600	44	21.6	17.8
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	19.9	20.6	20.4	20.2
	Black/African American	15.8	17.6	17.9	17.6	17.3
	American Indian/Alaska Native	14.3	16.6	16.9	16.4	16.2
	White	20.1	20.4	21.1	20.9	20.8
	Hispanic/Latino	17.0	18.2	18.7	18.5	18.2
	Asian	21.0	23.4	21.3	21.8	22.0
	Native Hawaiian/Other Pac. Isl.	15.6	17.7	16.3	18.1	17.1
	Two or more races	19.7	19.7	20.9	20.6	20.3
	Prefer not/No Response	18.6	19.2	20.0	19.8	19.5
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: 6,042

**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	169	3	45	1	209	3	108	2
	28 to 32	397	7	369	6	645	11	298	5
	24 to 27	886	15	1,129	19	867	14	1,121	19
	20 to 23	1,544	26	1,171	19	1,479	24	1,947	32
	16 to 19	1,276	21	2,337	39	1,497	25	1,558	26
	13 to 15	1,000	17	959	16	1,014	17	654	11
	01 to 12	770	13	32	1	331	5	356	6
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	2,861	47	19.0	20.3	20.2	20.7	20.2
	Females	2,888	48	20.0	19.7	21.2	20.2	20.4
	Missing	293	5	17.8	18.5	19.2	19.4	18.8
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	57	39	38	38	24
	Females	64	34	44	32	21
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 6,042

**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>	3,278	74	21.3	49	21.4	52	22.3	46	21.9	31	21.8
	Less than Core	2,451	46	17.5	21	18.3	27	18.8	22	18.8	11	18.5
	Missing <sup>3</sup>	313	31	15.4	16	17.1	19	17.4	13	17.4	7	16.9
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>	5,136	64	20.0	5,081	42	20.6	4,548	45	21.3	4,357	42	21.4
	Less than Core	683	39	16.4	703	3	15.9	1,240	26	18.8	1,420	16	18.0
	Missing <sup>3</sup>	223	35	16.1	258	16	17.1	254	20	17.8	265	14	17.7
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

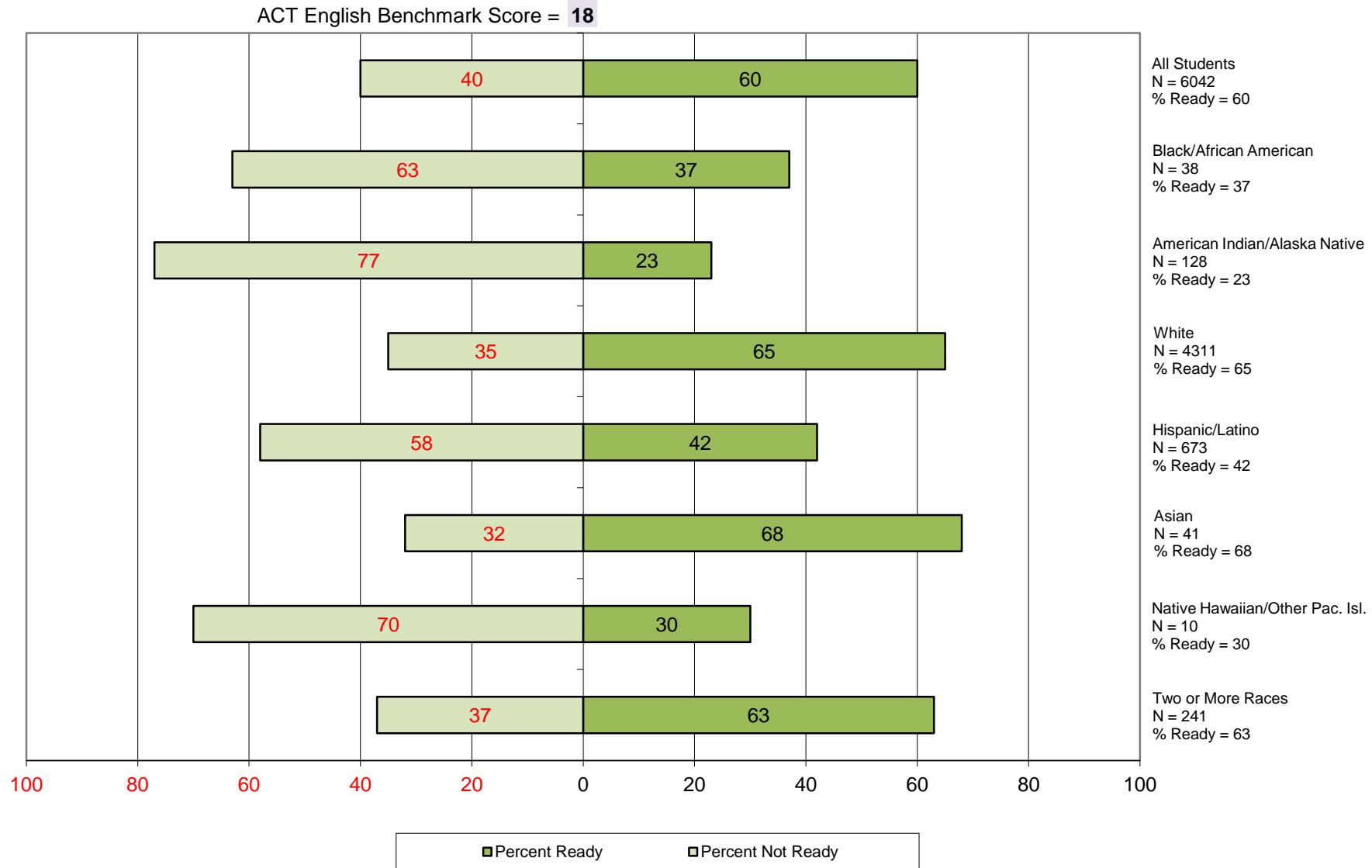


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

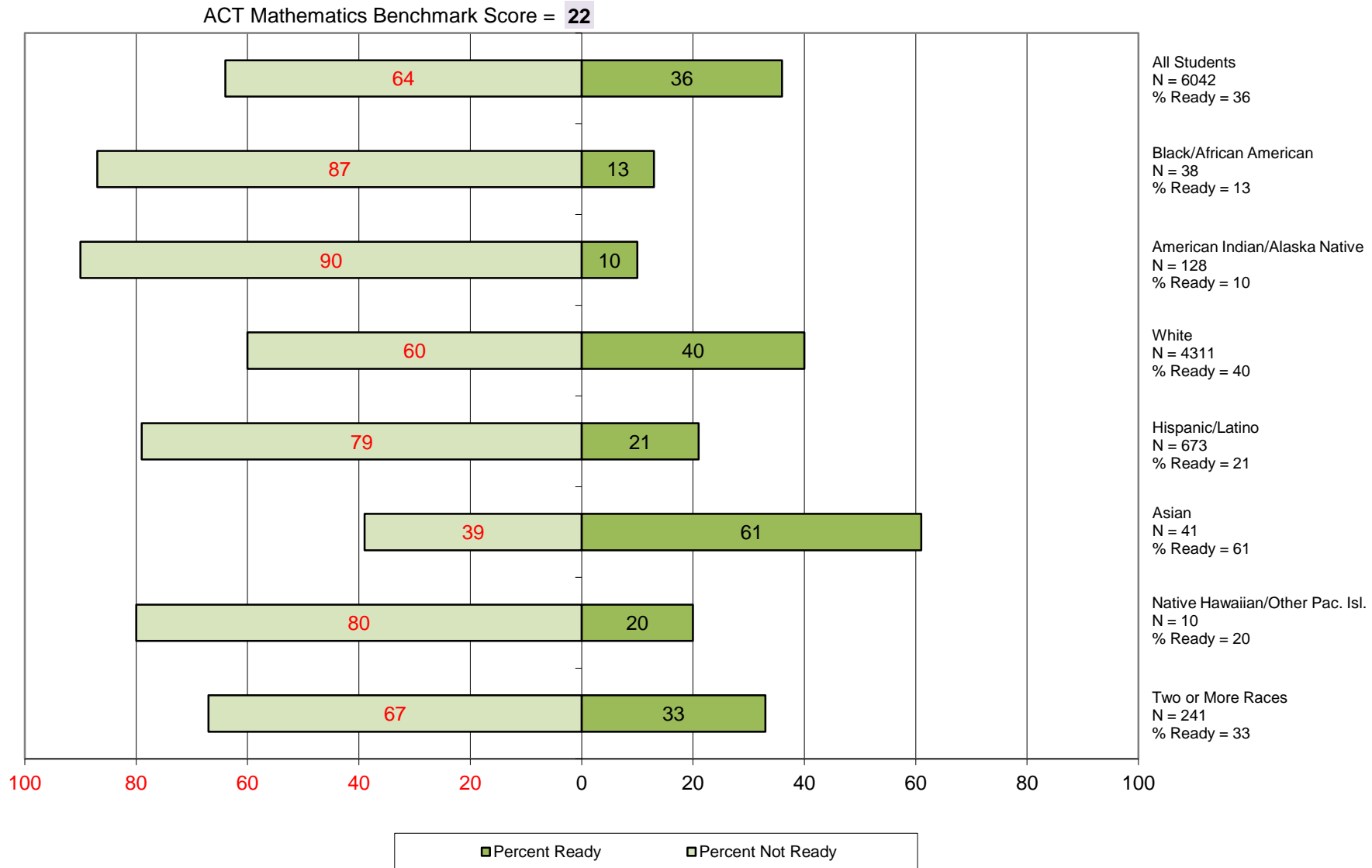


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

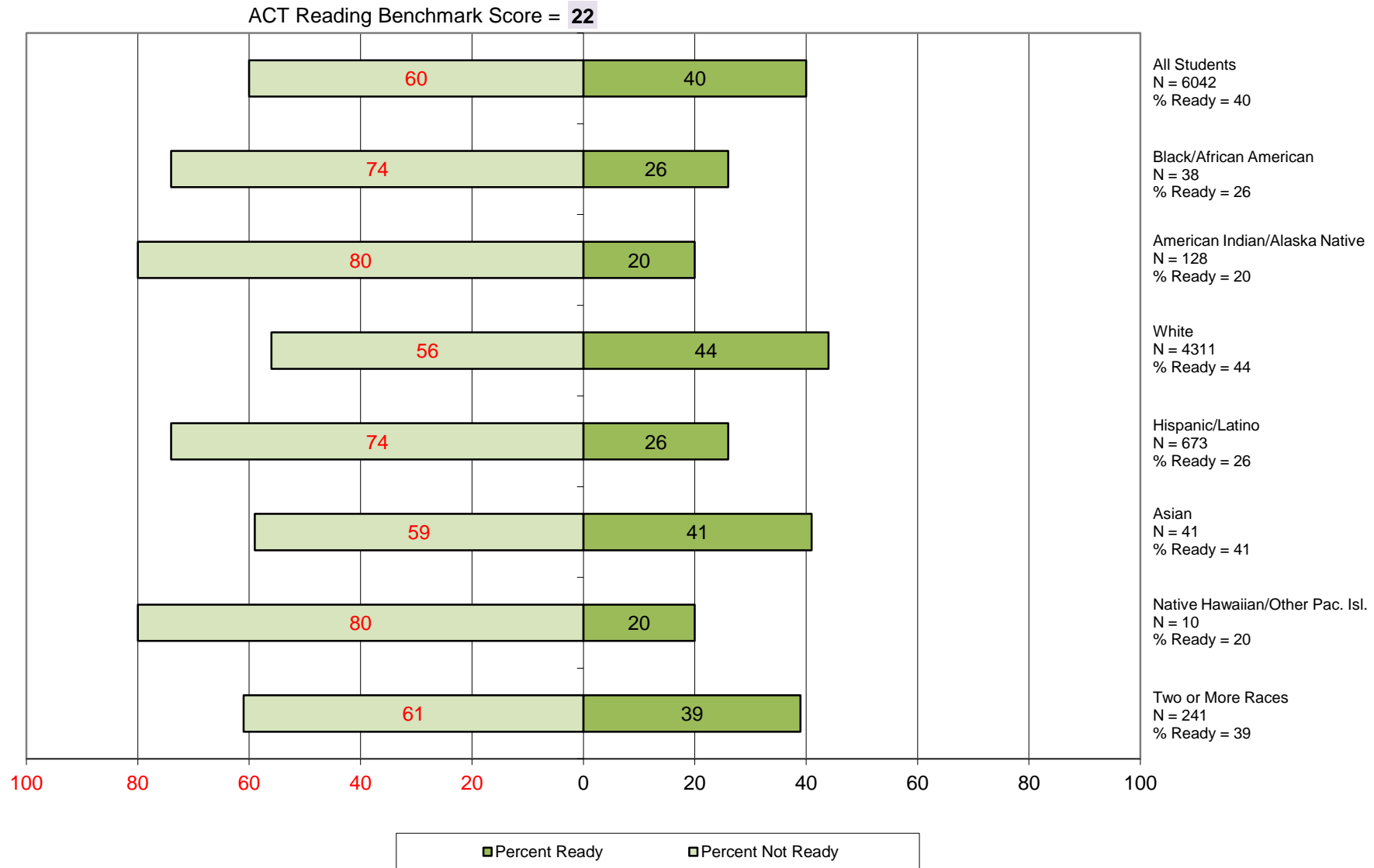


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

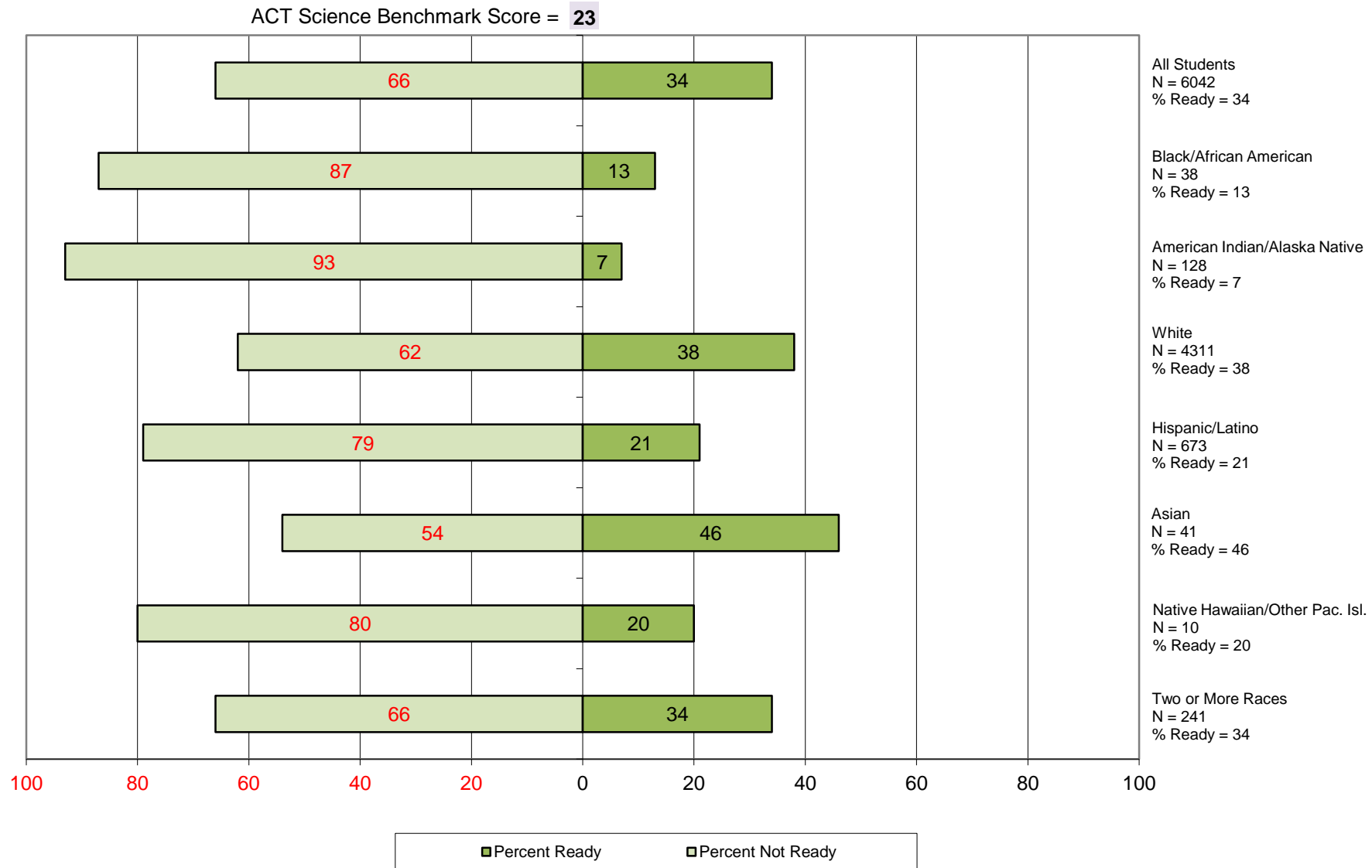
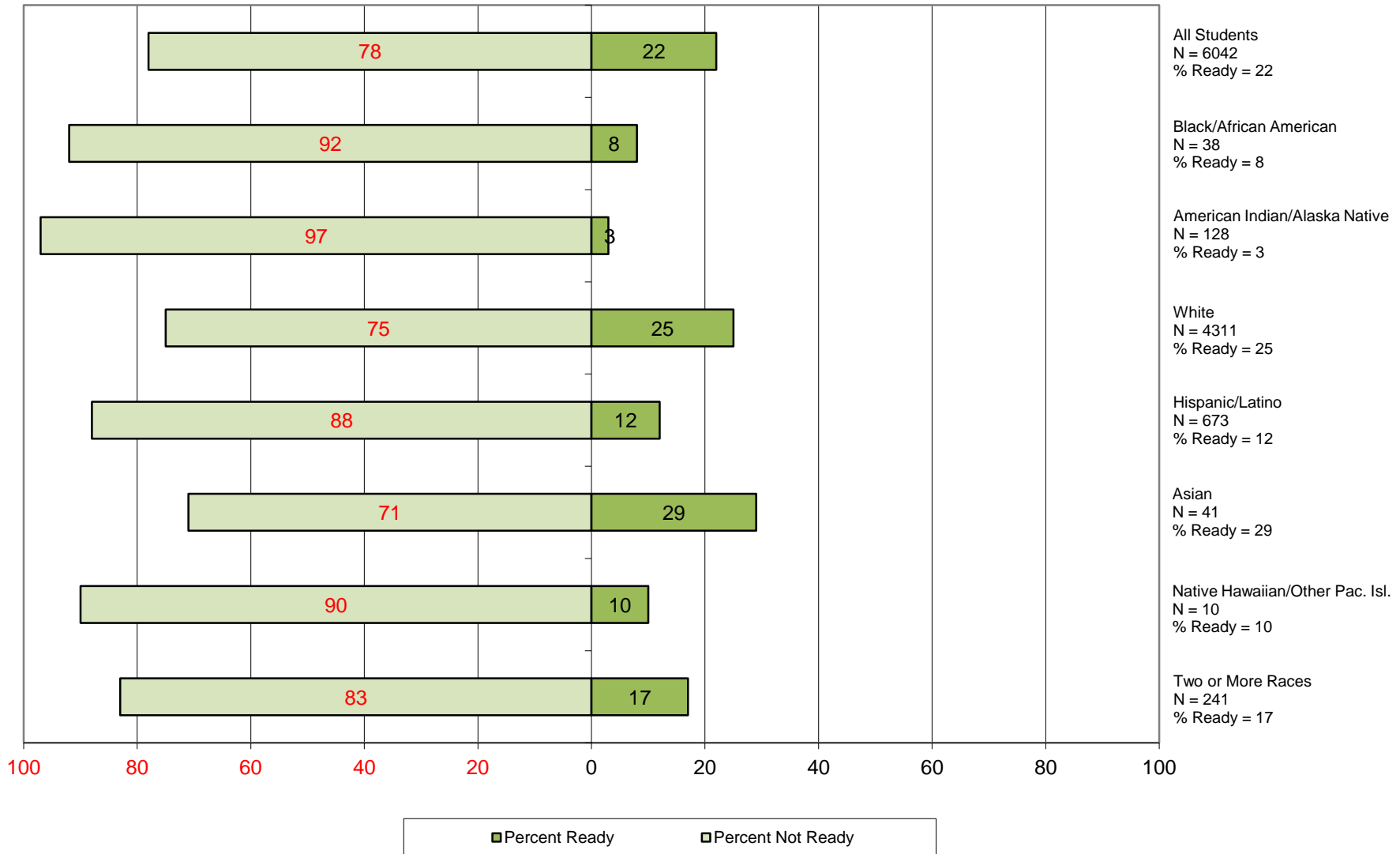


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 6,042

**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	960	16	21.6	5.2	383	13	21.0	5.3	551	19	22.1	4.9
Eng 9, Eng 10, Eng 11, Eng 12	4,176	69	19.6	3.2	2,022	71	19.4	3.7	1,981	69	20.0	2.8
Less than 4 years of English	683	11	16.4	-	355	12	15.7	-	292	10	17.2	-
Zero years / no English courses reported	223	4	16.1	-	101	4	15.2	-	64	2	16.2	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	372	6	23.6	7.7	191	7	24.5	8.4	170	6	22.7	7.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	500	8	22.4	6.5	199	7	22.9	6.8	280	10	22.2	6.6
Alg 1, Alg 2, Geom, & Trig	590	10	20.1	4.2	276	10	20.7	4.6	284	10	19.6	4.0
Alg 1, Alg 2, Geom, & Other Adv Math	1,028	17	19.6	3.7	415	15	19.8	3.7	566	20	19.4	3.8
Other comb of 4 or more years of Math	1,253	21	23.6	7.7	614	21	24.2	8.1	614	21	22.9	7.3
Alg 1, Alg 2, & Geom	1,105	18	17.0	1.1	559	20	17.4	1.3	499	17	16.7	1.1
Other comb of 3 or 3.5 years of Math	233	4	19.2	3.3	116	4	19.6	3.5	104	4	18.5	2.9
Less than 3 years of Math	703	12	15.9	-	367	13	16.1	-	294	10	15.6	-
Zero years / no Math courses reported	258	4	17.1	-	124	4	17.1	-	77	3	16.6	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	224	4	21.3	2.5	114	4	20.6	2.0	104	4	22.3	3.1
Other comb of 4 or more years Social Science	1,918	32	22.0	3.2	810	28	21.7	3.1	1,055	37	22.3	3.1
US Hist, World Hist, & Am Gov	755	12	19.5	0.7	399	14	19.2	0.6	316	11	19.9	0.7
Other comb of 3 or 3.5 years of Social Science	1,651	27	21.3	2.5	755	26	20.9	2.3	825	29	21.7	2.5
Less than 3 years of Social Science	1,240	21	18.8	-	661	23	18.6	-	514	18	19.2	-
Zero years / no Social Science courses reported	254	4	17.8	-	122	4	17.1	-	74	3	18.0	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	1,792	30	22.1	4.1	911	32	22.8	5.0	827	29	21.4	3.2
Bio, Chem, Phys	223	4	24.3	6.3	117	4	25.1	7.3	95	3	23.9	5.7
Gen Sci <sup>2</sup> , Bio, Chem	2,011	33	20.6	2.6	816	29	20.9	3.1	1,109	38	20.5	2.3
Other comb of 3 years of Natural Science	331	5	20.0	2.0	216	8	20.4	2.6	102	4	19.0	0.8
Less than 3 years of Natural Science	1,420	24	18.0	-	673	24	17.8	-	679	24	18.2	-
Zero years / no Natural Science courses reported	265	4	17.7	-	128	4	17.3	-	76	3	17.5	-

<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: 6,042

**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	960	16	21.6	75	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	4,176	69	19.6	62	1,359,318	71	20.6	65
Less than 4 years of English	683	11	16.4	39	93,944	5	15.9	36
Zero years / no English courses reported	223	4	16.1	35	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	372	6	23.6	71	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	500	8	22.4	61	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	590	10	20.1	37	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	1,028	17	19.6	31	362,476	19	19.4	30
Other comb of 4 or more years of Math	1,253	21	23.6	68	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	1,105	18	17.0	9	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	233	4	19.2	31	95,502	5	19.8	34
Less than 3 years of Math	703	12	15.9	3	78,951	4	16.3	8
Zero years / no Math courses reported	258	4	17.1	16	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	224	4	21.3	51	48,944	3	22.3	51
Other comb of 4 or more years Social Science	1,918	32	22.0	49	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	755	12	19.5	33	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	1,651	27	21.3	46	527,956	27	21.4	46
Less than 3 years of Social Science	1,240	21	18.8	26	194,720	10	19.5	34
Zero years / no Social Science courses reported	254	4	17.8	20	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	1,792	30	22.1	48	807,744	42	22.2	48
Bio, Chem, Phys	223	4	24.3	65	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	2,011	33	20.6	35	512,754	27	20.1	30
Other comb of 3 years of Natural Science	331	5	20.0	29	54,439	3	19.1	24
Less than 3 years of Natural Science	1,420	24	18.0	16	227,926	12	18.1	18
Zero years / no Natural Science courses reported	265	4	17.7	14	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: 6,042

**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	219	4	19.2	52	6	17.5	159	4	19.8
Architecture	48	1	20.9	5	1	17.6	41	1	21.1
Area, Ethnic, & Multidisciplinary Studies	10	0	19.3	5	1	17.0	5	0	21.6
Arts: Visual & Performing	464	8	20.2	81	9	17.8	352	8	20.8
Business	313	5	21.0	48	6	17.7	254	6	21.6
Communications	53	1	22.3	5	1	17.0	44	1	23.5
Community, Family, & Personal Services	255	4	18.2	93	11	17.1	144	3	19.1
Computer Science & Mathematics	135	2	23.3	15	2	18.8	116	3	23.7
Education	472	8	20.4	22	3	17.4	434	10	20.6
Engineering	416	7	22.5	46	5	16.5	353	8	23.5
Engineering Technology & Drafting	106	2	19.6	32	4	16.9	63	1	21.4
English & Foreign Languages	66	1	23.7	4	0	17.0	59	1	24.5
Health Administration & Assisting	109	2	18.4	21	2	16.9	82	2	18.9
Health Sciences & Technologies	1,027	17	21.1	64	7	17.8	939	22	21.4
Philosophy, Religion, & Theology	19	0	21.3	3	0	18.0	16	0	21.9
Repair, Production, & Construction	312	5	17.5	187	22	17.0	96	2	18.3
Sciences: Biological & Physical	230	4	22.6	7	1	16.0	215	5	22.9
Social Sciences & Law	409	7	21.1	33	4	16.5	361	9	21.5
Undecided	531	9	21.1	68	8	17.4	392	9	21.9
No Response	808	13	17.5	58	7	16.0	84	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: 6,042

**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	294	16.7	1	16.0	6	15.8	207	17.1	40	15.3
2-yr College Degree	571	17.3	2	14.0	17	15.2	398	17.7	72	15.9
Bachelors Degree	2,511	20.4	15	17.7	51	16.6	1,834	20.8	270	18.4
Graduate Study	646	22.9	1	21.0	9	18.3	510	23.4	59	21.3
Prof. Level Degree	1,066	22.8	10	18.4	14	18.6	756	23.3	130	20.0
Other	220	17.5	0	.	4	14.3	161	17.8	19	15.8
No Response	734	18.2	9	16.0	27	14.5	445	18.7	83	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	294	16.7	0	.	0	.	10	16.1	30	16.2
2-yr College Degree	571	17.3	0	.	0	.	15	17.2	67	17.2
Bachelors Degree	2,511	20.4	16	19.7	5	18.0	112	20.3	208	20.0
Graduate Study	646	22.9	5	25.4	2	15.5	19	22.9	41	20.7
Prof. Level Degree	1,066	22.8	16	24.4	0	.	49	22.4	91	23.1
Other	220	17.5	0	.	0	.	5	18.8	31	17.1
No Response	734	18.2	4	16.8	3	16.7	31	18.7	132	18.3

Total Students in Report: 6,042

**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	2,548	1,140	1,408	1	8	26	32	23	10	1
CASPER COLLEGE	Wyoming	1,000	436	564	3	17	36	27	13	4	0
LARAMIE COUNTY COMMUNITY COLLEGE	Wyoming	605	226	379	2	14	34	32	13	4	0
WESTERN WYOMING COMMUNITY COLLEGE	Wyoming	558	285	273	3	20	38	26	12	2	0
SHERIDAN COLLEGE	Wyoming	439	158	281	1	12	32	31	20	3	0
STATE-NO COLLEGE PLANS	Iowa	394	394	0	14	41	30	13	3	0	0
NORTHWEST COLLEGE	Wyoming	361	131	230	2	12	35	31	16	4	0
GILLETTE COLLEGE	Wyoming	292	118	174	3	26	38	24	8	1	0
COLORADO STATE UNIVERSITY	Colorado	282	62	220	0	7	27	28	24	13	1
CENTRAL WYOMING COLLEGE	Wyoming	274	115	159	4	20	37	24	12	3	0
BLACK HILLS STATE UNIVERSITY	South Dakota	249	56	193	1	12	24	38	21	4	0
EASTERN WYOMING COLLEGE	Wyoming	234	82	152	5	23	32	29	9	2	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	219	58	161	0	7	13	24	37	16	2
UTAH STATE UNIVERSITY	Utah	198	59	139	0	6	22	30	23	16	3
MONTANA STATE UNIVERSITY-BILLINGS	Montana	169	27	142	2	18	33	30	14	4	1
BRIGHAM YOUNG UNIVERSITY	Utah	165	69	96	0	0	12	28	29	27	3
UNIVERSITY OF UTAH	Utah	154	22	132	1	8	21	34	21	15	1
ARIZONA STATE UNIVERSITY	Arizona	145	34	111	1	12	25	29	22	11	0
UNIV OF COLORADO-BOULDER	Colorado	141	31	110	1	2	23	24	33	14	3
UNIVERSITY OF DENVER	Colorado	135	27	108	1	16	30	28	21	4	1
WEBER STATE UNIVERSITY	Utah	126	38	88	0	7	27	35	25	6	0
NCAA ELIGIBILITY CENTER	Indiana	124	48	76	2	12	28	25	23	9	0
CHADRON STATE COLLEGE	Nebraska	122	17	105	1	13	27	34	20	6	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	118	41	77	0	3	15	35	25	19	2
UNIVERSITY OF WASHINGTON	Washington	110	20	90	2	2	20	23	31	17	5
ART INSTITUTE OF COLORADO THE	Colorado	102	38	64	2	16	38	25	18	1	0
UNIVERSITY OF MONTANA	Montana	100	27	73	2	11	25	25	24	12	1
UNIV OF NORTHERN COLORADO	Colorado	93	19	74	1	10	34	37	17	1	0
COLORADO MESA UNIVERSITY	Colorado	88	30	58	1	14	32	33	15	6	0
UNIVERSITY OF COLORADO DENVER	Colorado	81	14	67	2	11	31	35	20	1	0
All Other Institutions		5,421	1,187	4,234	2	15	27	26	18	11	2
<b>Total</b>		<b>15,047</b>	<b>5,009</b>	<b>10,038</b>	<b>2</b>	<b>14</b>	<b>28</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: 6,042

**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>4,503</b>	<b>1,108,908</b>	<b>18.9</b>	<b>21.0</b>	<b>6.5</b>	<b>6.9</b>	<b>18.3</b>	<b>20.2</b>
Black/African American	27	136,380	15.3	16.3	5.8	6.0	15.1	15.9
American Indian/Alaska Native	116	7,142	14.1	16.5	5.4	5.9	13.8	16.0
White	3,084	567,060	19.6	22.8	6.6	7.1	18.9	21.8
Hispanic/Latino	521	196,970	16.4	18.4	6.4	6.7	16.4	18.1
Asian	29	68,736	21.4	23.9	6.9	7.6	20.6	23.0
Native Hawaiian/Other Pac. Isl.	9	4,070	16.0	18.0	5.7	6.5	15.2	17.6
Two or more races	185	45,517	19.5	21.3	6.5	6.9	18.8	20.4
Prefer not/No Response	532	83,033	18.2	20.8	6.5	6.7	17.9	19.9
Males	2,229	507,737	18.5	20.7	6.3	6.6	17.8	19.7
Females	1,981	590,537	19.5	21.4	6.8	7.1	19.1	20.8
Missing	293	10,634	17.8	16.0	6.5	5.6	17.5	15.4





