

# ACT Profile Report - State

Graduating Class 2014

Nevada



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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

26% 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:** 7,738 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. 80% 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 2% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 11% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% of these students were college ready. In comparison, 52% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 14% of the cohort took less than three years of natural science courses. 24% of these students were college ready. In comparison, 39% 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 45% 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

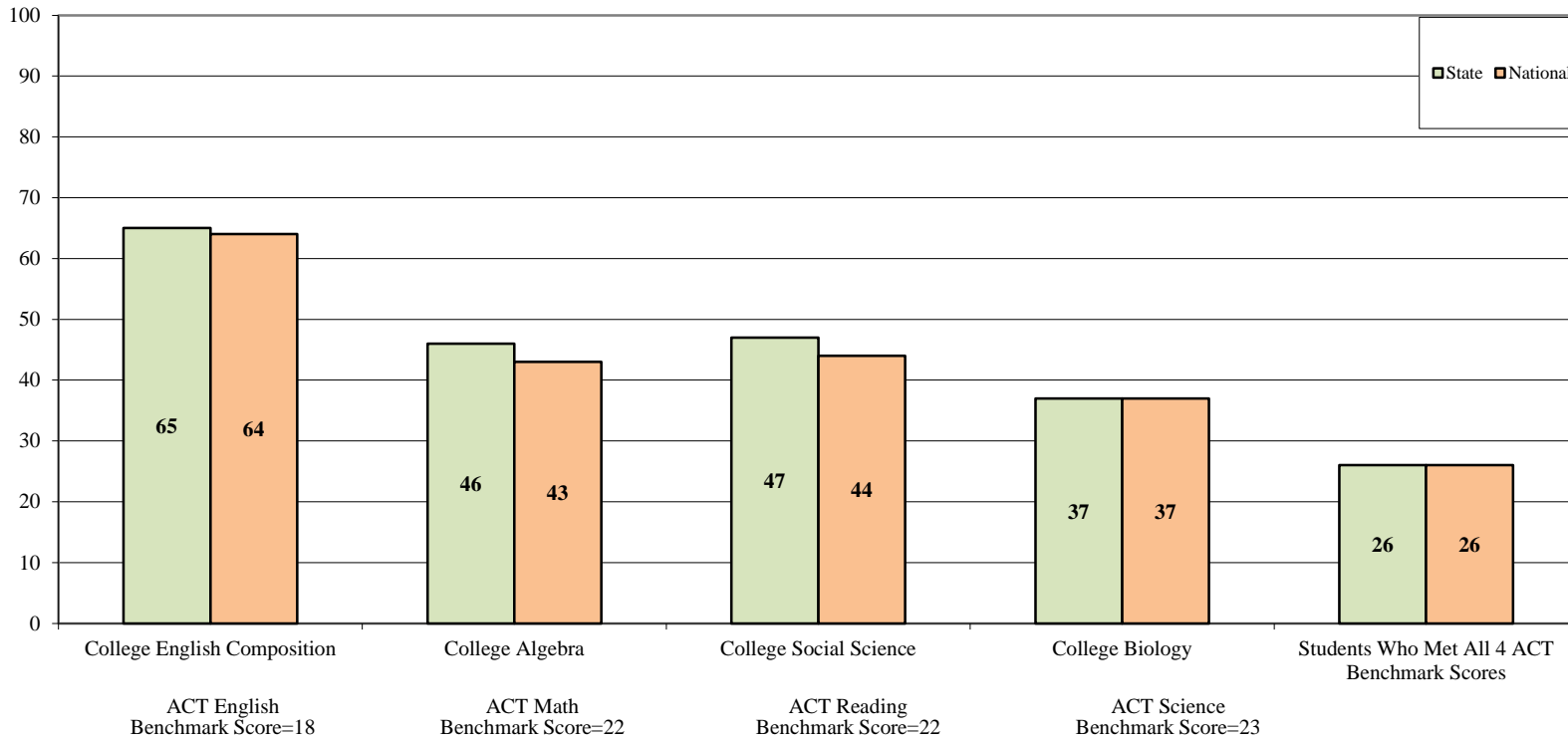
## Executive Summary

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: 7,738

**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	6,656	1,568,835	70	66	48	43	58	52	30	29	25	24
2011	6,931	1,623,112	68	66	47	45	55	52	30	30	25	25
2012	7,604	1,666,017	68	67	48	46	55	52	30	31	25	25
2013	7,602	1,799,243	66	64	47	44	48	44	37	36	27	26
<b>2014</b>	<b>7,738</b>	<b>1,845,787</b>	<b>65</b>	<b>64</b>	<b>46</b>	<b>43</b>	<b>47</b>	<b>44</b>	<b>37</b>	<b>37</b>	<b>26</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	6,656	1,568,835	20.8	20.5	21.5	21.0	22.0	21.3	21.3	20.9	21.5	21.0
2011	6,931	1,623,112	20.7	20.6	21.4	21.1	21.8	21.3	21.3	20.9	21.4	21.1
2012	7,604	1,666,017	20.5	20.5	21.4	21.1	21.6	21.3	21.1	20.9	21.3	21.1
2013	7,602	1,799,243	20.4	20.2	21.3	20.9	21.7	21.1	21.1	20.7	21.3	20.9
<b>2014</b>	<b>7,738</b>	<b>1,845,787</b>	<b>20.2</b>	<b>20.3</b>	<b>21.2</b>	<b>20.9</b>	<b>21.7</b>	<b>21.3</b>	<b>21.1</b>	<b>20.8</b>	<b>21.2</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
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>

Total Students in Report: 7,738

**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	5,325	1,262	80	19	21.3	19.1	21.9	19.8	22.3	20.5	21.7	19.9	21.9	20.0
2011	5,516	1,344	80	19	21.1	19.2	21.8	20.0	22.2	20.5	21.6	20.1	21.8	20.1
2012	6,016	1,524	79	20	20.9	18.9	21.8	19.8	22.0	20.2	21.5	19.8	21.7	19.8
2013	6,039	1,462	79	19	20.9	18.7	21.8	19.7	22.1	20.5	21.5	19.7	21.7	19.8
<b>2014</b>	<b>6,156</b>	<b>1,507</b>	<b>80</b>	<b>19</b>	<b>20.7</b>	<b>18.5</b>	<b>21.6</b>	<b>19.9</b>	<b>22.1</b>	<b>20.3</b>	<b>21.4</b>	<b>19.8</b>	<b>21.6</b>	<b>19.8</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>6,656</b>	<b>100</b>	<b>21.5</b>	<b>6,931</b>	<b>100</b>	<b>21.4</b>	<b>7,604</b>	<b>100</b>	<b>21.3</b>	<b>7,602</b>	<b>100</b>	<b>21.3</b>	<b>7,738</b>	<b>100</b>	<b>21.2</b>
Black/African American	580	9	18.0	546	8	17.8	597	8	17.7	492	6	17.8	470	6	18.2
American Indian/Alaska Native	100	2	19.8	77	1	18.2	87	1	18.5	100	1	17.9	83	1	19.0
White	3,579	54	22.7	3,603	52	22.7	3,684	48	22.7	3,702	49	22.6	3,768	49	22.5
Hispanic/Latino	1,117	17	19.4	1,524	22	19.2	1,886	25	19.2	1,866	25	19.2	2,005	26	19.0
Asian	666	10	22.0	503	7	22.8	464	6	22.6	509	7	22.9	512	7	22.7
Native Hawaiian/Other Pacific Islander	0	0	.	44	1	20.4	85	1	19.8	78	1	19.2	57	1	20.4
Two or more races	281	4	21.9	338	5	21.9	480	6	21.6	508	7	21.5	488	6	21.6
Prefer not to respond/No response	333	5	21.3	296	4	22.0	321	4	22.2	347	5	22.0	355	5	21.6

Total Students in Report: 7,738

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



Total Students in Report: 7,738

**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	7,675	99	20.3	21.3	21.7	21.1	21.2
	Extended Time	63	1	17.0	18.1	19.2	18.4	18.3
	Total	7,738	100	20.2	21.2	21.7	21.1	21.2
National	Standard Time	1,769,033	96	20.5	21.0	21.4	20.9	21.1
	Extended Time	76,754	4	16.2	17.8	18.5	18.1	17.8
	Total	1,845,787	100	20.3	20.9	21.3	20.8	21.0

**Table 1.8. Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration**

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	65	46	47	37	27
	Extended Time	44	19	35	21	11
	Total	65	46	47	37	26
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: 7,738

**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	24	100	19	100	53	100	42	100	3	100	36
35	76	100	46	100	56	99	40	99	21	100	35
34	111	99	88	99	110	99	75	99	57	100	34
33	126	97	59	98	153	97	42	98	66	99	33
32	104	96	78	97	231	95	51	97	100	98	32
31	108	94	80	96	249	92	101	97	120	97	31
30	148	93	149	95	255	89	115	95	160	95	30
29	179	91	190	93	233	86	85	94	193	93	29
28	153	89	243	91	221	83	151	93	249	91	28
27	201	87	352	88	233	80	305	91	279	87	27
26	250	84	432	83	236	77	232	87	355	84	26
25	315	81	435	78	286	74	518	84	376	79	25
24	402	77	517	72	384	70	501	77	430	74	24
23	412	72	470	65	467	65	589	71	521	69	23
22	513	66	389	59	432	59	699	63	592	62	22
21	575	60	309	54	704	53	570	54	534	54	21
20	541	52	370	50	429	44	668	47	563	48	20
19	412	45	417	45	576	39	730	38	537	40	19
18	351	40	529	40	361	31	469	29	562	33	18
17	328	35	800	33	435	27	434	23	524	26	17
16	402	31	930	23	328	21	349	17	451	19	16
15	539	26	551	11	328	17	271	13	365	14	15
14	370	19	177	4	321	13	190	9	289	9	14
13	262	14	75	1	223	8	174	7	205	5	13
12	223	11	22	1	192	6	126	4	107	2	12
11	207	8	6	1	146	3	92	3	53	1	11
10	171	5	2	1	49	1	59	2	12	1	10
9	97	3	0	1	22	1	23	1	7	1	9
8	90	2	0	1	1	1	16	1	4	1	8
7	27	1	1	1	12	1	12	1	2	1	7
6	14	1	1	1	4	1	3	1	1	1	6
5	4	1	0	1	3	1	3	1	0	1	5
4	3	1	0	1	3	1	2	1	0	1	4
3	0	1	1	1	0	1	1	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.2 (6.3)		21.2 (5.2)		21.7 (6.1)		21.1 (5.1)		21.2 (5.1)		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: 7,738

**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	283	100	63	100	168	100	274	100	251	100	68	100	53	100	18
17	374	96	93	99	353	98	501	96	316	97	114	99	52	99	17
16	272	92	296	98	495	93	506	90	387	93	186	98	283	99	16
15	344	88	439	94	361	87	510	83	454	88	372	95	477	95	15
14	303	84	519	88	609	82	406	77	551	82	689	90	551	89	14
13	516	80	629	82	679	74	578	72	686	75	783	82	657	82	13
12	442	73	742	74	757	66	760	64	945	66	865	71	825	73	12
11	835	67	903	64	691	56	696	54	606	54	793	60	1,000	63	11
10	839	56	826	52	767	47	646	45	582	46	1,316	50	965	50	10
9	778	46	931	42	701	37	898	37	651	38	832	33	1,220	37	9
8	671	36	801	30	845	28	563	25	850	30	811	22	691	21	8
7	551	27	441	19	562	17	430	18	863	19	391	12	448	12	7
6	557	20	431	14	390	10	382	13	367	8	265	7	196	7	6
5	490	13	315	8	194	5	379	8	172	3	98	3	156	4	5
4	253	6	225	4	83	2	137	3	34	1	77	2	55	2	4
3	152	3	62	1	48	1	58	1	16	1	43	1	66	1	3
2	68	1	20	1	21	1	13	1	7	1	15	1	16	1	2
1	10	1	2	1	14	1	1	1	0	1	20	1	27	1	1
Avg (SD)	10.1 (3.9)		10.3 (3.3)		11.0 (3.5)		11.1 (3.8)		11.0 (3.5)		10.7 (2.9)		10.6 (2.9)		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	25	26	24	25
Q2 (50th Percentile)	20	20	21	21	21
Q1 (25th Percentile)	15	17	17	18	17

Total Students in Report: 7,738

**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>7,738</b>	<b>80</b>	<b>21.6</b>	<b>19.8</b>
	Black/African American	470	84	18.3	17.7
	American Indian/Alaska Native	83	63	20.0	17.4
	White	3,768	79	22.9	20.8
	Hispanic/Latino	2,005	80	19.3	17.8
	Asian	512	84	23.0	21.5
	Native Hawaiian/Other Pac. Isl.	57	82	21.1	17.1
	Two or more races	488	82	21.9	20.3
	Prefer not/No Response	355	74	22.3	20.0
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>	20.2	21.2	21.7	21.1	21.2
	Black/African American	16.9	18.1	18.9	18.3	18.2
	American Indian/Alaska Native	17.3	19.6	19.3	19.4	19.0
	White	21.8	22.3	23.1	22.2	22.5
	Hispanic/Latino	17.5	19.3	19.5	19.2	19.0
	Asian	21.9	23.8	22.3	22.4	22.7
	Native Hawaiian/Other Pac. Isl.	19.3	20.5	21.0	20.3	20.4
	Two or more races	20.8	21.5	22.2	21.4	21.6
	Prefer not/No Response	20.8	21.5	22.4	21.1	21.6
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: 7,738

**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	337	4	212	3	372	5	199	3
	28 to 32	692	9	740	10	1,189	15	503	7
	24 to 27	1,168	15	1,736	22	1,139	15	1,556	20
	20 to 23	2,041	26	1,538	20	2,032	26	2,526	33
	16 to 19	1,493	19	2,676	35	1,700	22	1,982	26
	13 to 15	1,171	15	803	10	872	11	635	8
	01 to 12	836	11	33	0	434	6	337	4
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	3,329	43	20.1	22.0	21.7	21.8	21.6
	Females	4,366	56	20.4	20.7	21.7	20.5	21.0
	Missing	43	1	14.4	16.8	16.7	16.2	16.2
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	64	52	47	43	30
	Females	65	41	46	32	24
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 7,738

**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>	6,156	68	20.7	49	21.6	49	22.1	39	21.4	28	21.6
	Less than Core	1,507	54	18.5	34	19.9	38	20.3	28	19.8	20	19.8
	Missing <sup>3</sup>	75	39	16.7	17	17.8	24	18.6	16	17.2	9	17.7
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>	7,531	65	20.3	7,536	47	21.3	7,215	47	21.8	6,594	39	21.4
	Less than Core	143	37	16.0	137	8	16.8	453	44	20.9	1,073	24	19.4
	Missing <sup>3</sup>	64	44	17.7	65	17	18.1	70	26	19.0	71	17	17.4
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

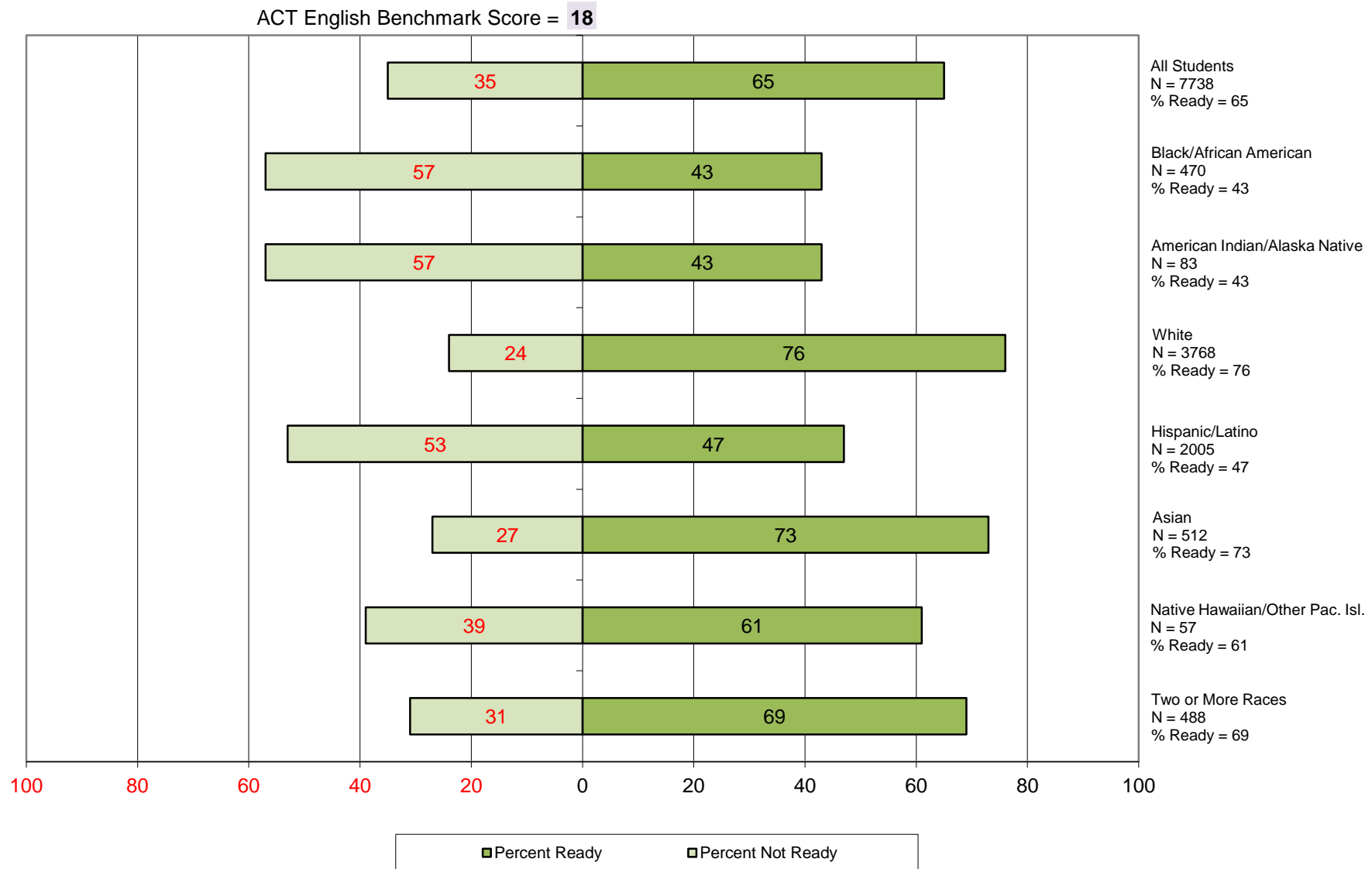


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

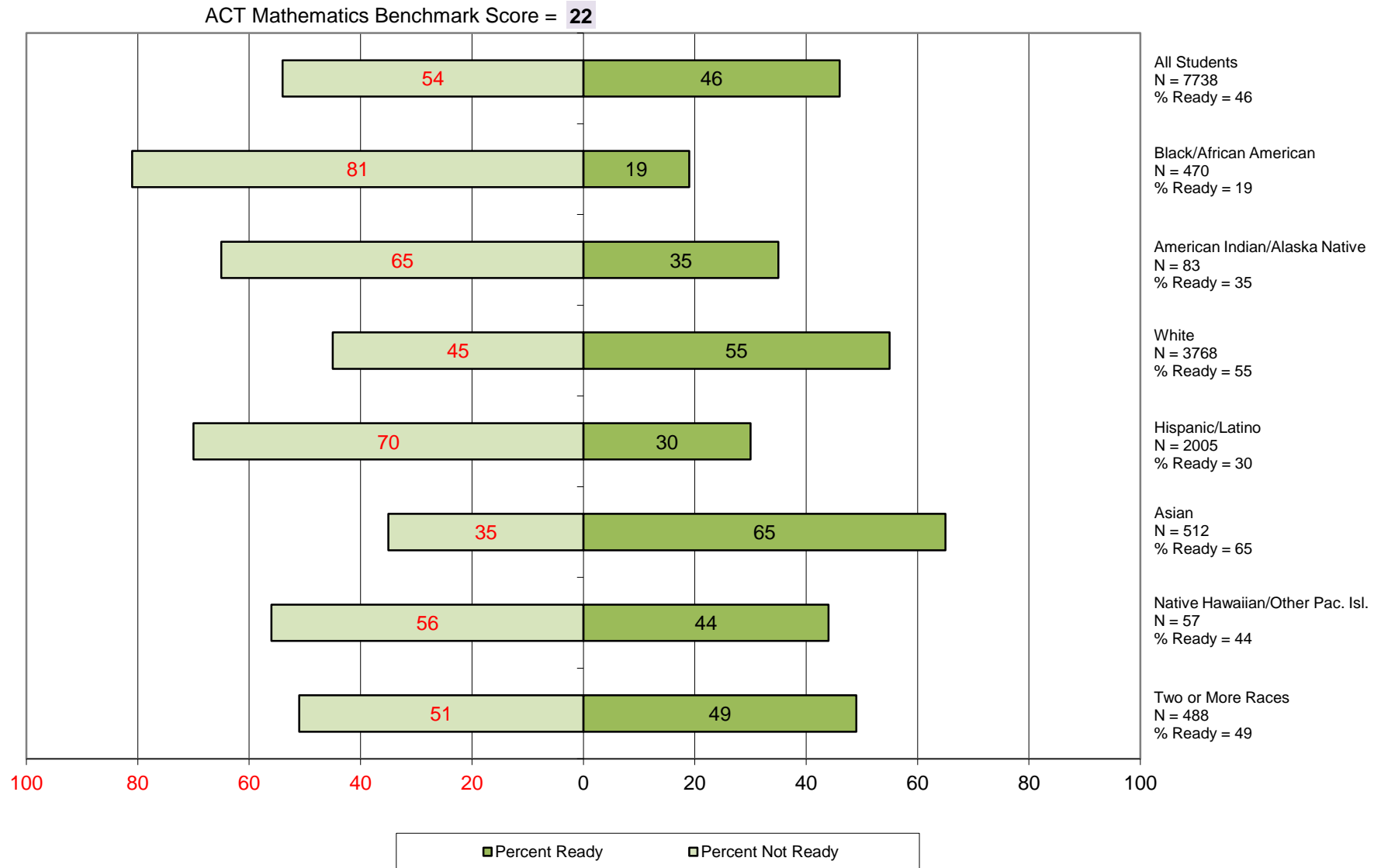


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

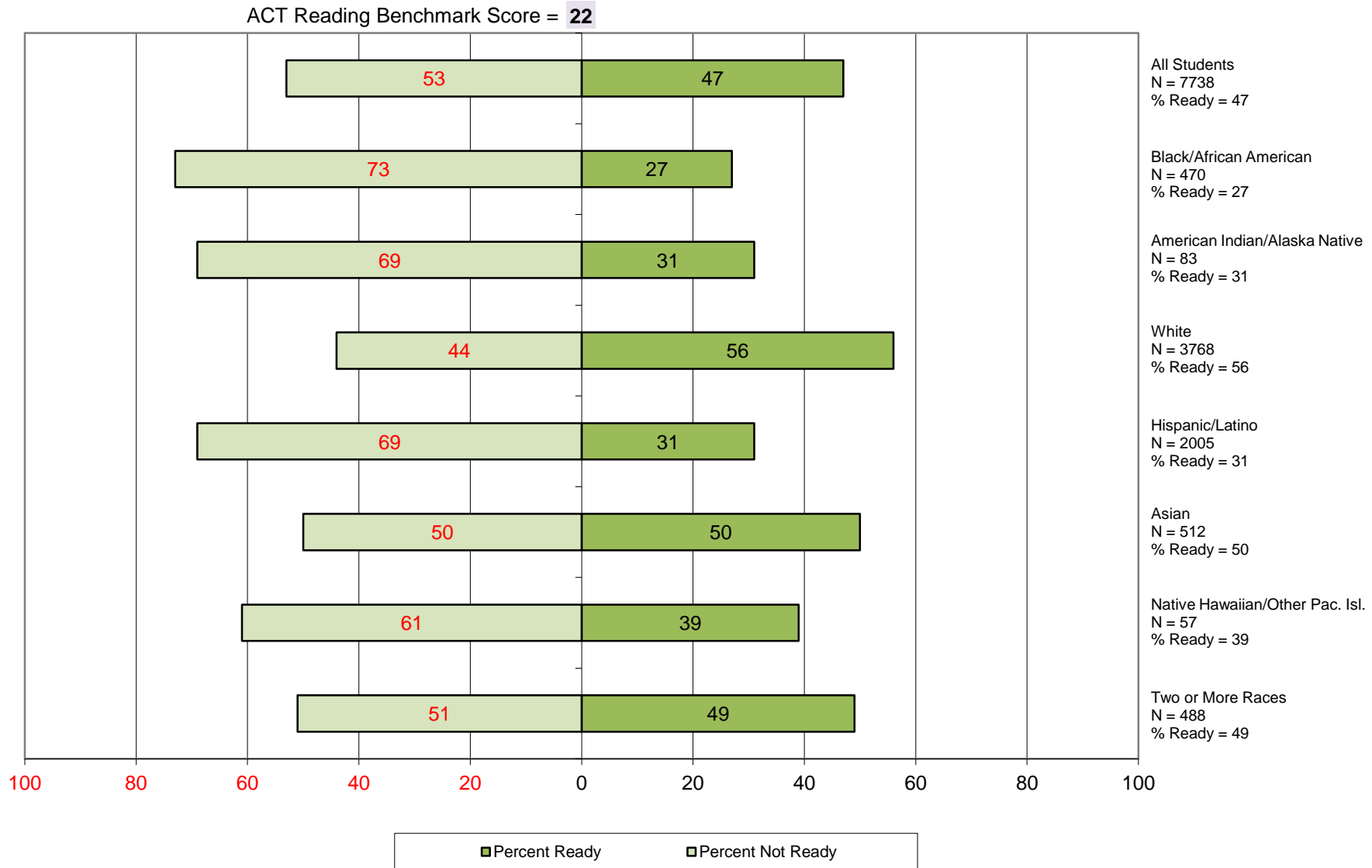
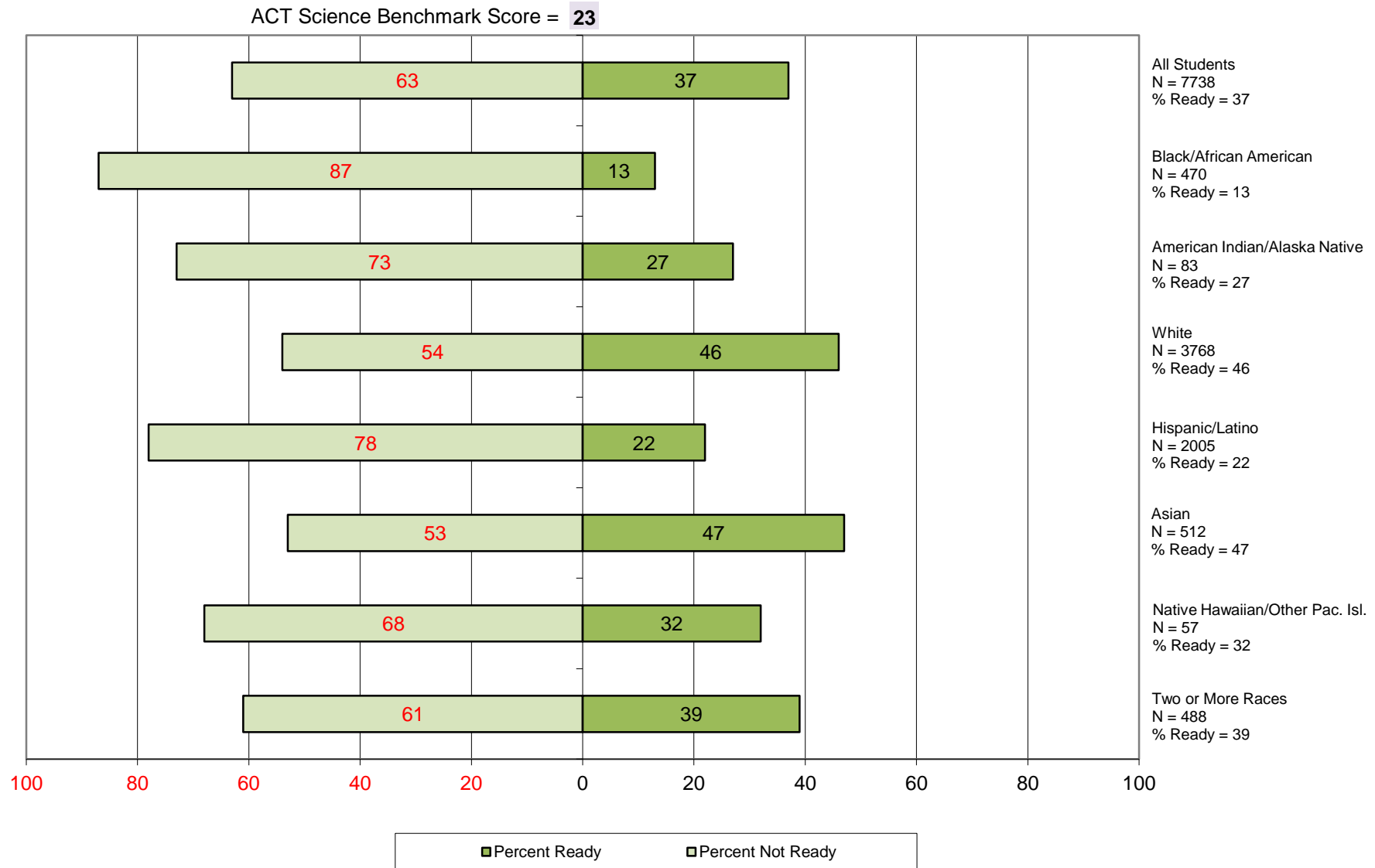
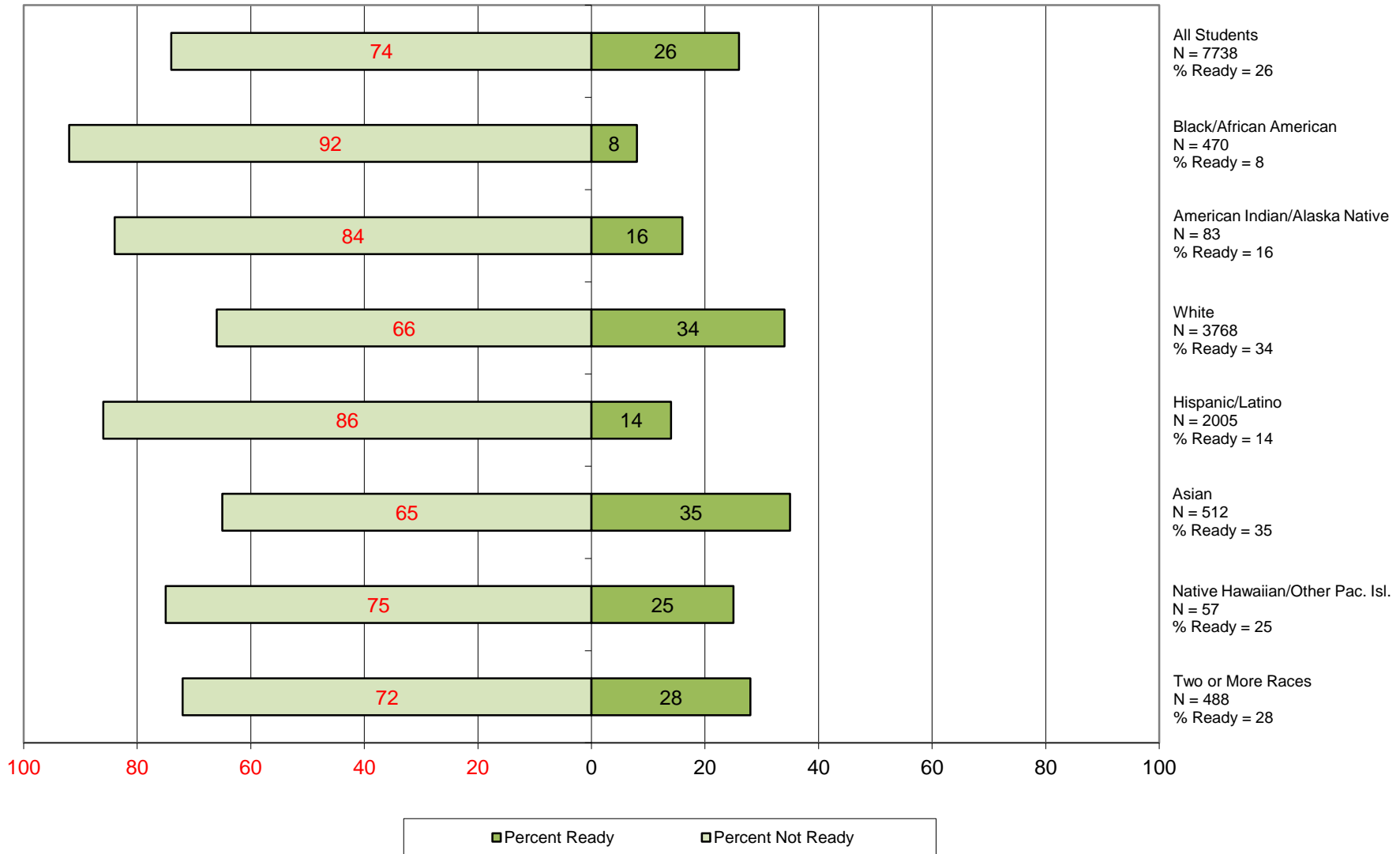


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Total Students in Report: 7,738

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





Total Students in Report: 7,738

**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	1,259	16	20.3	4.3	519	16	20.4	5.8	735	17	20.3	2.8
Eng 9, Eng 10, Eng 11, Eng 12	6,272	81	20.3	4.3	2,714	82	20.2	5.6	3,533	81	20.5	3.0
Less than 4 years of English	143	2	16.0	-	65	2	14.6	-	72	2	17.5	-
Zero years / no English courses reported	64	1	17.7	-	31	1	18.2	-	26	1	17.6	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	635	8	24.7	7.9	287	9	25.9	8.9	347	8	23.8	7.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	834	11	22.3	5.5	290	9	23.0	6.0	544	12	21.9	5.3
Alg 1, Alg 2, Geom, & Trig	635	8	20.6	3.8	263	8	21.4	4.4	372	9	20.1	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	1,569	20	18.7	1.9	602	18	19.3	2.3	952	22	18.4	1.8
Other comb of 4 or more years of Math	2,745	35	23.4	6.6	1,303	39	24.2	7.2	1,436	33	22.8	6.2
Alg 1, Alg 2, & Geom	823	11	16.9	0.1	361	11	17.3	0.3	456	10	16.5	-0.1
Other comb of 3 or 3.5 years of Math	295	4	19.5	2.7	127	4	19.6	2.6	164	4	19.5	2.9
Less than 3 years of Math	137	2	16.8	-	65	2	17.0	-	68	2	16.6	-
Zero years / no Math courses reported	65	1	18.1	-	31	1	19.0	-	27	1	17.5	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	270	3	22.4	1.5	139	4	21.9	1.4	131	3	22.9	1.6
Other comb of 4 or more years Social Science	2,174	28	21.9	1.0	918	28	22.2	1.7	1,251	29	21.8	0.5
US Hist, World Hist, & Am Gov	2,244	29	21.3	0.4	1,045	31	21.5	1.0	1,191	27	21.2	-0.1
Other comb of 3 or 3.5 years of Social Science	2,527	33	22.0	1.1	968	29	21.8	1.3	1,538	35	22.1	0.8
Less than 3 years of Social Science	453	6	20.9	-	224	7	20.5	-	227	5	21.3	-
Zero years / no Social Science courses reported	70	1	19.0	-	35	1	20.1	-	28	1	18.3	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	3,068	40	21.9	2.5	1,446	43	22.8	3.0	1,619	37	21.1	1.9
Bio, Chem, Phys	1,017	13	23.3	3.9	465	14	24.2	4.4	551	13	22.5	3.3
Gen Sci <sup>2</sup> , Bio, Chem	2,350	30	20.1	0.7	891	27	20.4	0.6	1,441	33	20.0	0.8
Other comb of 3 years of Natural Science	159	2	18.9	-0.5	83	2	19.4	-0.4	75	2	18.3	-0.9
Less than 3 years of Natural Science	1,073	14	19.4	-	409	12	19.8	-	651	15	19.2	-
Zero years / no Natural Science courses reported	71	1	17.4	-	35	1	18.3	-	29	1	16.7	-

<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: 7,738

**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	1,259	16	20.3	64	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	6,272	81	20.3	66	1,305,220	71	20.5	65
Less than 4 years of English	143	2	16.0	37	88,420	5	15.9	36
Zero years / no English courses reported	64	1	17.7	44	81,272	4	16.3	38
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	635	8	24.7	75	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	834	11	22.3	60	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	635	8	20.6	44	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	1,569	20	18.7	24	356,555	19	19.4	31
Other comb of 4 or more years of Math	2,745	35	23.4	64	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	823	11	16.9	8	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	295	4	19.5	30	90,105	5	19.8	35
Less than 3 years of Math	137	2	16.8	8	74,627	4	16.4	8
Zero years / no Math courses reported	65	1	18.1	17	84,966	5	17.8	19
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	270	3	22.4	49	48,992	3	22.3	50
Other comb of 4 or more years Social Science	2,174	28	21.9	47	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	2,244	29	21.3	44	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	2,527	33	22.0	48	504,877	27	21.3	43
Less than 3 years of Social Science	453	6	20.9	44	180,385	10	19.4	32
Zero years / no Social Science courses reported	70	1	19.0	26	85,294	5	17.8	24
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	3,068	40	21.9	43	781,043	42	22.1	46
Bio, Chem, Phys	1,017	13	23.3	55	199,419	11	23.1	54
Gen Sci <sup>1</sup> , Bio, Chem	2,350	30	20.1	28	505,460	27	20.0	28
Other comb of 3 years of Natural Science	159	2	18.9	21	52,236	3	19.2	24
Less than 3 years of Natural Science	1,073	14	19.4	24	220,701	12	18.1	17
Zero years / no Natural Science courses reported	71	1	17.4	17	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: 7,738

**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	80	1	20.3	7	2	17.6	71	1	20.6
Architecture	88	1	21.8	5	2	18.0	73	1	22.2
Area, Ethnic, & Multidisciplinary Studies	10	0	23.8	0	0	.	9	0	24.1
Arts: Visual & Performing	463	6	20.8	31	10	17.8	396	6	21.0
Business	747	10	20.3	32	11	16.9	674	10	20.5
Communications	152	2	21.5	3	1	19.3	141	2	21.5
Community, Family, & Personal Services	183	2	18.3	9	3	13.7	158	2	18.7
Computer Science & Mathematics	224	3	22.9	9	3	19.3	196	3	23.1
Education	314	4	20.2	7	2	16.9	290	4	20.3
Engineering	641	8	24.0	20	7	17.7	594	9	24.3
Engineering Technology & Drafting	90	1	19.5	13	4	15.2	72	1	20.6
English & Foreign Languages	91	1	22.4	0	0	.	87	1	22.7
Health Administration & Assisting	336	4	18.3	20	7	16.2	292	4	18.7
Health Sciences & Technologies	1,516	20	21.2	32	11	17.8	1,399	21	21.3
Philosophy, Religion, & Theology	26	0	19.7	0	0	.	25	0	19.7
Repair, Production, & Construction	54	1	17.6	23	8	17.2	25	0	17.9
Sciences: Biological & Physical	642	8	23.1	5	2	18.2	605	9	23.2
Social Sciences & Law	742	10	21.1	7	2	15.3	693	10	21.2
Undecided	1,249	16	21.0	60	20	16.0	1,004	15	21.5
No Response	87	1	16.9	12	4	13.3	16	0	19.8

<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: 7,738

**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	75	16.5	5	16.2	0	.	24	17.4	33	14.9
2-yr College Degree	222	16.8	9	14.7	7	15.1	98	17.5	80	16.4
Bachelors Degree	3,609	20.1	219	17.2	43	18.3	1,826	21.4	952	18.3
Graduate Study	1,216	23.3	67	18.9	8	23.6	689	24.3	220	21.3
Prof. Level Degree	1,995	22.9	141	19.8	19	21.4	870	24.3	536	20.5
Other	135	18.1	6	18.2	2	19.0	55	19.1	45	16.1
No Response	486	20.4	23	17.3	4	13.0	206	22.3	139	17.7

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	75	16.5	5	21.2	0	.	5	19.0	3	14.3
2-yr College Degree	222	16.8	1	19.0	1	12.0	10	16.8	16	16.4
Bachelors Degree	3,609	20.1	180	20.8	26	19.5	238	20.2	125	20.1
Graduate Study	1,216	23.3	88	24.0	9	22.6	71	23.5	64	23.3
Prof. Level Degree	1,995	22.9	195	24.3	16	21.6	131	24.1	87	24.1
Other	135	18.1	10	19.9	0	.	9	17.3	8	20.5
No Response	486	20.4	33	21.7	5	18.2	24	20.9	52	21.1

Total Students in Report: 7,738

**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 NEVADA-RENO	Nevada	2,155	1,164	991	2	9	28	32	20	9	1
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	1,459	666	793	2	12	33	31	16	6	1
COLLEGE OF SOUTHERN NEVADA	Nevada	413	154	259	3	17	39	28	10	2	0
TRUCKEE MEADOWS COMMUNITY COLLEGE	Nevada	405	117	288	5	20	36	26	10	2	0
BRIGHAM YOUNG UNIVERSITY	Utah	309	189	120	0	2	12	28	29	23	6
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	252	70	182	0	5	17	31	27	17	4
ARIZONA STATE UNIVERSITY	Arizona	211	55	156	2	10	26	36	20	5	1
SOUTHERN UTAH UNIVERSITY	Utah	205	56	149	1	7	22	30	28	10	1
NCAA ELIGIBILITY CENTER	Indiana	188	106	82	4	12	31	26	19	7	1
WESTERN NEVADA COMMUNITY COLLEGE	Nevada	180	54	126	8	23	35	21	10	2	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	165	39	126	1	8	21	32	22	16	1
DIXIE STATE UNIVERSITY	Utah	158	55	103	2	20	31	29	15	3	0
UNIVERSITY OF UTAH	Utah	138	31	107	1	4	12	36	28	14	5
SAN DIEGO STATE UNIVERSITY	California	137	38	99	1	9	28	34	23	4	0
NEVADA STATE COLLEGE	Nevada	136	29	107	2	21	40	27	8	1	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	136	29	107	2	6	21	29	23	17	2
BOISE STATE UNIVERSITY	Idaho	134	29	105	1	1	26	35	26	10	1
UNIVERSITY OF WASHINGTON	Washington	133	30	103	0	4	17	27	32	17	2
UNIVERSITY OF OREGON	Oregon	130	29	101	1	4	21	28	30	17	0
UTAH STATE UNIVERSITY	Utah	120	37	83	1	4	18	31	28	16	2
STANFORD UNIVERSITY	California	117	33	84	1	0	5	17	21	39	17
UNIVERSITY OF CALIFORNIA-BERKELEY	California	103	20	83	1	2	10	25	24	28	10
OREGON STATE UNIVERSITY	Oregon	95	17	78	3	8	19	29	28	12	0
UNIVERSITY OF ARIZONA	Arizona	95	14	81	0	7	31	38	13	12	0
NORTHERN ARIZONA UNIVERSITY	Arizona	92	21	71	2	5	20	36	22	15	0
GREAT BASIN COLLEGE	Nevada	90	32	58	4	16	39	26	16	0	0
UTAH VALLEY UNIVERSITY	Utah	85	23	62	1	9	21	39	21	6	2
UNIVERSITY OF CALIFORNIA-DAVIS	California	84	17	67	0	11	10	32	30	17	1
UNIVERSITY OF SAN DIEGO	California	73	15	58	0	3	23	44	25	5	0
GRAND CANYON UNIVERSITY	Arizona	64	20	44	0	8	33	36	19	5	0
All Other Institutions		4,589	1,180	3,409	3	10	23	27	21	14	3
<b>Total</b>		<b>12,651</b>	<b>4,369</b>	<b>8,282</b>	<b>2</b>	<b>10</b>	<b>26</b>	<b>29</b>	<b>20</b>	<b>11</b>	<b>2</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: 7,738

**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>4,429</b>	<b>976,031</b>	<b>20.8</b>	<b>21.3</b>	<b>6.9</b>	<b>7.1</b>	<b>20.1</b>	<b>20.6</b>
Black/African American	249	114,263	17.8	16.4	6.4	6.3	17.4	16.3
American Indian/Alaska Native	45	6,408	18.8	16.8	6.6	6.2	18.4	16.5
White	2,104	520,054	22.3	23.1	7.0	7.3	21.3	22.1
Hispanic/Latino	1,184	167,575	17.9	18.5	6.6	6.9	17.7	18.4
Asian	310	61,663	23.3	23.7	7.5	7.7	22.5	22.9
Native Hawaiian/Other Pac. Isl.	32	3,742	19.3	17.7	6.6	6.6	18.8	17.6
Two or more races	282	39,565	21.7	21.4	6.9	7.1	20.7	20.7
Prefer not/No Response	223	62,761	20.9	21.6	6.7	7.1	20.0	20.9
Males	1,845	438,500	20.7	21.1	6.7	6.9	19.8	20.2
Females	2,541	530,240	21.0	21.6	7.1	7.3	20.4	21.1
Missing	43	7,291	14.4	16.0	5.2	5.9	13.9	15.7





