

# ACT Profile Report - State

Graduating Class 2013  
Washington



ACT, INC. -- CONFIDENTIAL





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This report provides information about the performance of your 2013 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 2013. 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 for 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

39% 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:** 14,316 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. 70% 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 3% of the cohort took less than three years of math courses. Of these students, 14% were college ready. 9% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 12% of these students were college ready. In comparison, 67% 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. 25% of these students were college ready. In comparison, 54% 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 33% 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).

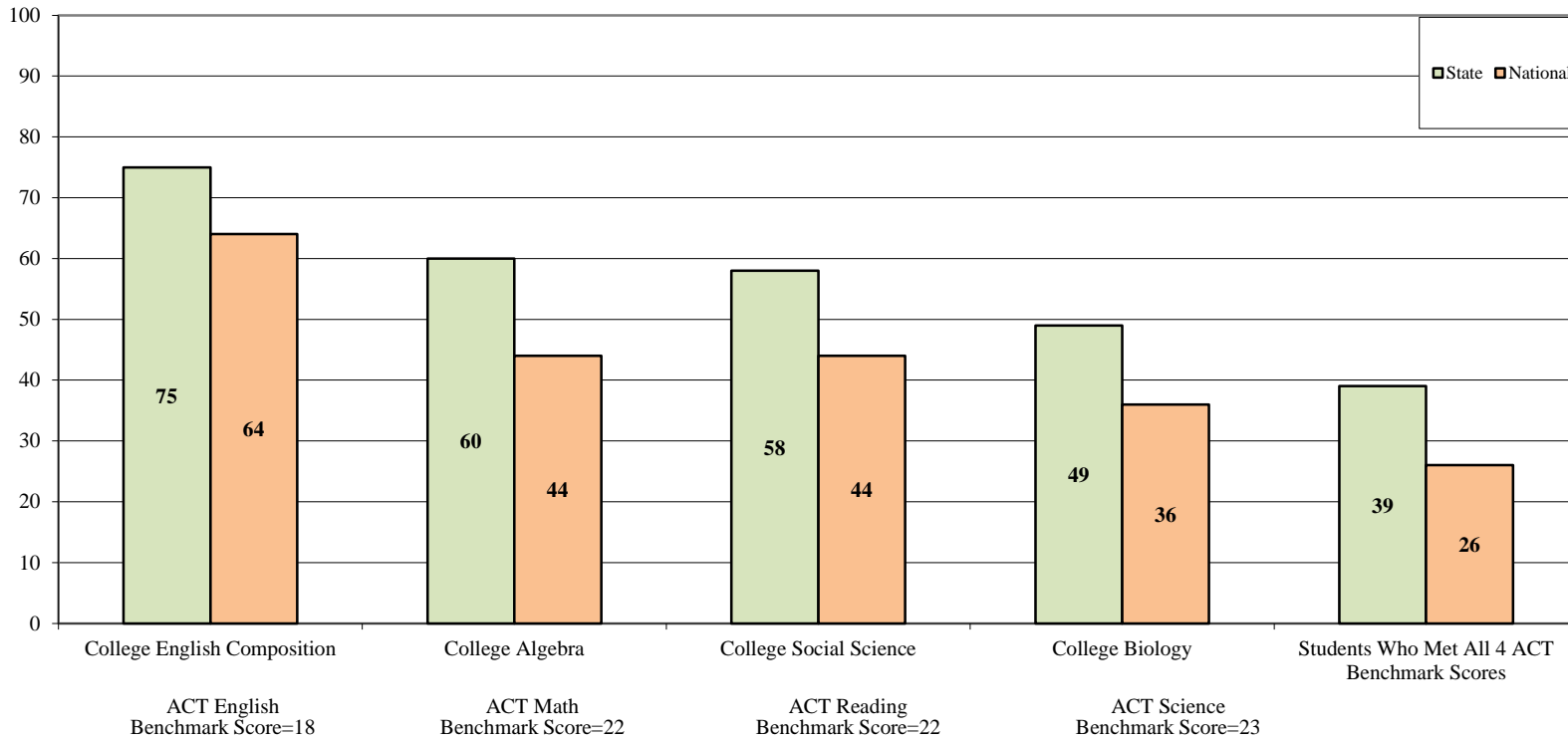
# Section I

## Executive Summary

Beginning 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.

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.



**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
2009	12,285	1,480,469	77	67	58	42	66	53	38	28	33	23
2010	12,897	1,568,835	79	66	61	43	67	52	41	29	36	24
2011	13,677	1,623,112	76	66	60	45	64	52	40	30	35	25
2012	13,929	1,666,017	76	67	62	46	66	52	43	31	38	25
<b>2013</b>	<b>14,316</b>	<b>1,799,243</b>	<b>75</b>	<b>64</b>	<b>60</b>	<b>44</b>	<b>58</b>	<b>44</b>	<b>49</b>	<b>36</b>	<b>39</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
2009	12,285	1,480,469	22.4	20.6	22.9	21.0	23.5	21.4	22.1	20.9	22.8	21.1
2010	12,897	1,568,835	22.6	20.5	23.1	21.0	23.5	21.3	22.5	20.9	23.0	21.0
2011	13,677	1,623,112	22.3	20.6	22.9	21.1	23.1	21.3	22.3	20.9	22.8	21.1
2012	13,929	1,666,017	22.3	20.5	23.1	21.1	23.3	21.3	22.4	20.9	22.9	21.1
<b>2013</b>	<b>14,316</b>	<b>1,799,243</b>	<b>22.1</b>	<b>20.2</b>	<b>22.8</b>	<b>20.9</b>	<b>23.3</b>	<b>21.1</b>	<b>22.5</b>	<b>20.7</b>	<b>22.8</b>	<b>20.9</b>

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

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
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
<b>2013</b>	<b>1,799,243</b>	<b>20.2</b>	<b>20.9</b>	<b>21.1</b>	<b>20.7</b>	<b>20.9</b>

Total Students in Report: 14,316

**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
2009	8,592	3,238	70	26	23.3	20.7	23.8	21.3	24.3	22.0	22.9	20.8	23.7	21.3
2010	9,480	3,243	74	25	23.3	20.7	23.7	21.5	24.2	21.9	23.1	21.1	23.7	21.4
2011	9,864	3,584	72	26	23.3	20.2	23.7	21.0	23.9	21.3	23.0	20.5	23.6	20.9
2012	10,110	3,593	73	26	23.2	20.2	23.8	21.3	24.1	21.5	23.1	20.8	23.7	21.1
<b>2013</b>	<b>10,091</b>	<b>3,896</b>	<b>70</b>	<b>27</b>	<b>23.1</b>	<b>20.1</b>	<b>23.6</b>	<b>21.1</b>	<b>24.1</b>	<b>21.4</b>	<b>23.2</b>	<b>20.7</b>	<b>23.7</b>	<b>21.0</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.

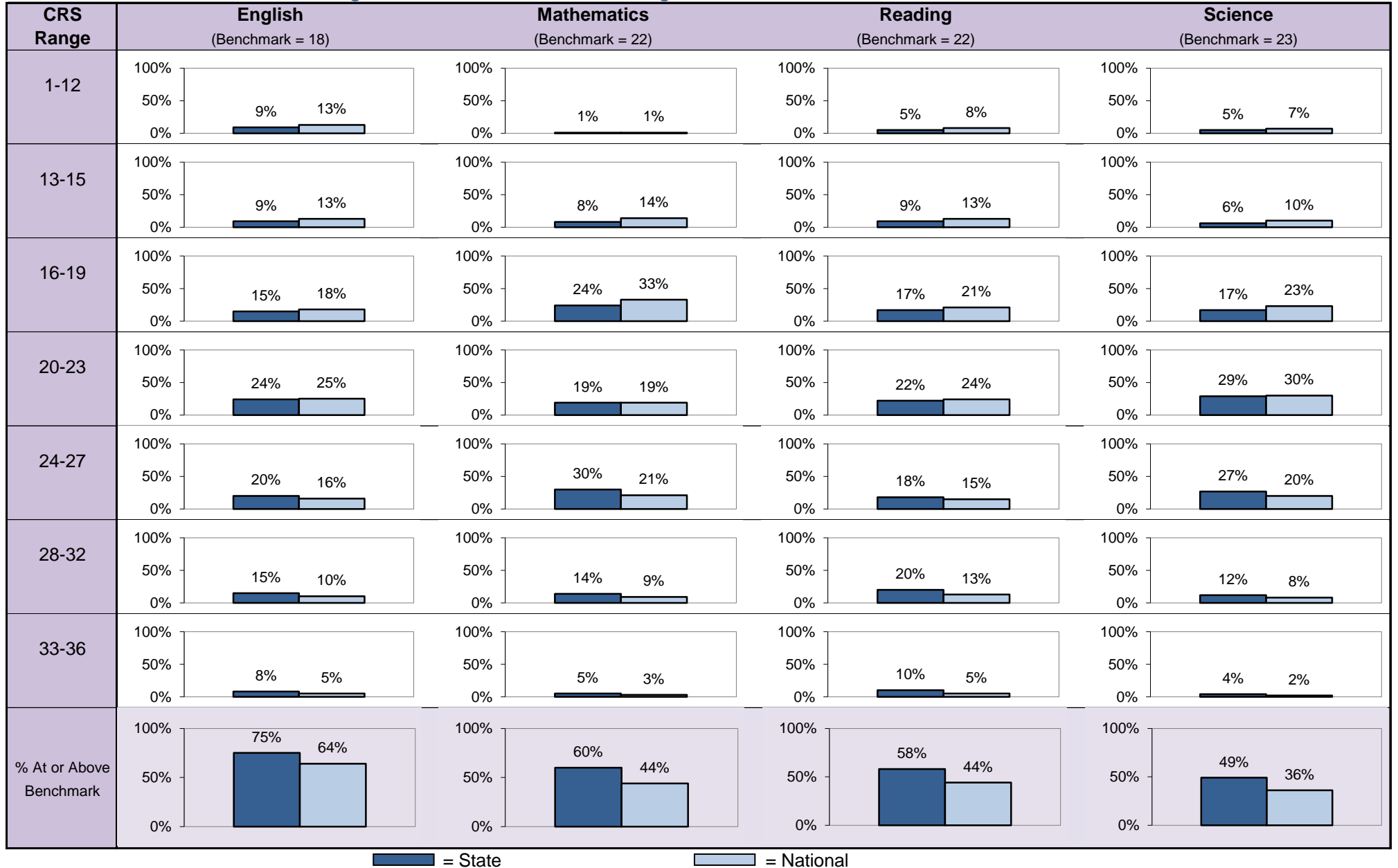
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>12,285</b>	<b>100</b>	<b>22.8</b>	<b>12,897</b>	<b>100</b>	<b>23.0</b>	<b>13,677</b>	<b>100</b>	<b>22.8</b>	<b>13,929</b>	<b>100</b>	<b>22.9</b>	<b>14,316</b>	<b>100</b>	<b>22.8</b>
Black/African American	528	4	17.5	517	4	18.1	590	4	17.8	551	4	17.6	558	4	17.8
American Indian/Alaska Native	138	1	19.6	145	1	20.5	129	1	18.8	75	1	19.8	101	1	19.0
White	7,957	65	23.6	8,371	65	23.8	8,511	62	23.8	8,305	60	24.0	8,399	59	24.0
Hispanic/Latino	851	7	18.4	972	8	18.7	1,463	11	18.5	1,737	12	18.8	1,813	13	18.3
Asian	1,337	11	23.2	1,462	11	23.3	1,335	10	23.5	1,412	10	23.5	1,434	10	23.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	76	1	18.5	101	1	18.3	121	1	18.6
Two or more races	516	4	22.8	565	4	23.6	739	5	22.7	922	7	23.0	919	6	23.2
Prefer not to respond/No response	958	8	23.4	865	7	22.9	834	6	23.3	826	6	23.9	971	7	23.9

Total Students in Report: 14,316

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



Total Students in Report: 14,316

**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	14,087	98	22.2	22.9	23.2	22.4	22.8
	Extended Time	229	2	21.7	22.1	24.0	22.8	22.8
	Total	14,316	100	22.1	22.8	23.3	22.5	22.8
National	Standard Time	1,727,041	96	20.4	21.0	21.3	20.9	21.0
	Extended Time	72,202	4	15.9	17.7	18.1	17.9	17.5
	Total	1,799,243	100	20.2	20.9	21.1	20.7	20.9

**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	75	60	58	49	39
	Extended Time	73	55	62	52	38
	Total	75	60	58	49	39
National	Standard Time	65	45	45	37	27
	Extended Time	35	20	28	20	13
	Total	64	44	44	36	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: 14,316

**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	109	100	80	100	248	100	133	100	18	100	36
35	287	99	156	99	130	98	185	99	95	100	35
34	332	97	295	98	463	97	136	98	186	99	34
33	426	95	214	96	552	94	138	97	264	98	33
32	335	92	239	95	550	90	263	96	329	96	32
31	389	90	235	93	765	86	289	94	430	94	31
30	427	87	343	91	496	81	359	92	500	91	30
29	393	84	468	89	510	78	402	90	595	87	29
28	556	81	705	86	506	74	455	87	708	83	28
27	509	77	932	81	546	71	615	84	742	78	27
26	691	74	1,092	74	571	67	720	79	791	73	26
25	734	69	1,117	67	532	63	1,172	74	913	67	25
24	907	64	1,098	59	920	59	1,328	66	960	61	24
23	834	57	854	51	629	53	888	57	963	54	23
22	750	52	734	45	829	48	1,116	51	973	48	22
21	979	46	633	40	870	42	1,280	43	907	41	21
20	920	40	471	36	850	36	916	34	816	35	20
19	612	33	666	32	645	30	810	27	771	29	19
18	486	29	720	28	692	26	725	22	636	23	18
17	430	25	945	23	495	21	445	17	604	19	17
16	548	22	1,042	16	544	18	412	14	498	15	16
15	583	19	746	9	529	14	345	11	472	11	15
14	425	15	336	4	388	10	279	8	428	8	14
13	332	12	122	1	401	7	240	6	309	5	13
12	304	9	39	1	297	5	216	5	250	3	12
11	298	7	23	1	170	3	179	3	99	1	11
10	274	5	5	1	83	1	113	2	29	1	10
9	174	3	3	1	36	1	81	1	18	1	9
8	161	2	2	1	25	1	46	1	7	1	8
7	68	1	1	1	20	1	7	1	4	1	7
6	22	1	0	1	13	1	13	1	1	1	6
5	14	1	0	1	7	1	2	1	0	1	5
4	3	1	0	1	3	1	2	1	0	1	4
3	3	1	0	1	0	1	3	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	3	1	0	1	1
Avg (SD)	22.1 (6.8)		22.8 (5.5)		23.3 (6.6)		22.5 (5.5)		22.8 (5.6)		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: 14,316

**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	829	100	464	100	713	100	920	100	990	100	161	100	253	100	18
17	1,012	94	194	97	1,207	95	1,071	94	898	93	322	99	66	98	17
16	847	87	1,245	95	1,136	87	1,240	86	898	87	473	97	914	98	16
15	839	81	1,197	87	1,039	79	1,241	77	1,345	81	1,210	93	1,295	91	15
14	887	75	1,301	78	932	71	1,115	69	1,161	71	1,625	85	1,522	82	14
13	974	69	1,320	69	1,208	65	1,154	61	1,353	63	1,958	74	1,592	72	13
12	1,017	62	1,821	60	1,460	56	1,107	53	1,484	54	1,714	60	2,265	61	12
11	1,458	55	1,279	47	1,269	46	1,332	45	1,280	43	1,578	48	1,272	45	11
10	1,364	45	1,202	38	1,164	37	1,031	36	1,037	34	1,678	37	1,254	36	10
9	1,221	36	1,252	30	1,112	29	801	29	840	27	1,164	25	1,496	27	9
8	900	27	905	21	984	21	1,082	23	1,030	21	1,116	17	949	17	8
7	835	21	653	15	988	15	747	16	1,117	14	579	9	587	10	7
6	616	15	546	10	530	8	562	10	497	6	343	5	413	6	6
5	611	11	442	7	281	4	551	6	256	3	152	3	118	3	5
4	447	6	299	3	146	2	234	3	92	1	121	2	197	2	4
3	301	3	146	1	74	1	84	1	25	1	75	1	22	1	3
2	136	1	44	1	42	1	38	1	12	1	11	1	68	1	2
1	22	1	6	1	31	1	6	1	1	1	36	1	33	1	1
Avg (SD)	11.1 (4.1)		11.4 (3.5)		11.8 (3.7)		11.9 (3.9)		12.0 (3.6)		11.5 (3.0)		11.5 (3.1)		Avg (SD)

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

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	27	27	29	26	27
Q2 (50th Percentile)	22	23	23	22	23
Q1 (25th Percentile)	17	18	18	19	19

Total Students in Report: 14,316

**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>14,316</b>	<b>70</b>	<b>23.7</b>	<b>21.0</b>
	Black/African American	558	69	18.5	16.4
	American Indian/Alaska Native	101	51	20.7	17.4
	White	8,399	73	24.5	22.6
	Hispanic/Latino	1,813	57	19.8	16.4
	Asian	1,434	75	23.9	21.7
	Native Hawaiian/Other Pac. Isl.	121	65	20.0	16.0
	Two or more races	919	72	23.6	22.2
	Prefer not/No Response	971	69	24.8	22.1
National	<b>All Students</b>	<b>1,799,243</b>	<b>74</b>	<b>21.7</b>	<b>18.7</b>
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

<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>	<b>22.1</b>	<b>22.8</b>	<b>23.3</b>	<b>22.5</b>	<b>22.8</b>
	Black/African American	16.6	18.3	18.2	17.6	17.8
	American Indian/Alaska Native	17.2	19.4	19.2	19.6	19.0
	White	23.7	23.6	24.6	23.5	24.0
	Hispanic/Latino	16.7	18.8	18.6	18.4	18.3
	Asian	22.0	24.7	22.7	23.0	23.2
	Native Hawaiian/Other Pac. Isl.	16.9	19.5	18.6	18.9	18.6
	Two or more races	22.6	22.9	23.9	22.9	23.2
	Prefer not/No Response	23.4	23.8	24.5	23.3	23.9
National	<b>All Students</b>	<b>20.2</b>	<b>20.9</b>	<b>21.1</b>	<b>20.7</b>	<b>20.9</b>
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7



Total Students in Report: 14,316

**Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges**

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,154	8	745	5	1,393	10	592	4
	28 to 32	2,100	15	1,990	14	2,827	20	1,768	12
	24 to 27	2,841	20	4,239	30	2,569	18	3,835	27
	20 to 23	3,483	24	2,692	19	3,178	22	4,200	29
	16 to 19	2,076	15	3,373	24	2,376	17	2,392	17
	13 to 15	1,340	9	1,204	8	1,318	9	864	6
	01 to 12	1,322	9	73	1	655	5	665	5
National	33 to 36	81,846	5	51,648	3	89,731	5	36,033	2
	28 to 32	175,672	10	156,561	9	239,643	13	138,865	8
	24 to 27	291,095	16	385,102	21	277,723	15	364,600	20
	20 to 23	447,398	25	343,822	19	424,936	24	542,531	30
	16 to 19	327,718	18	590,816	33	384,706	21	413,107	23
	13 to 15	242,064	13	258,384	14	240,069	13	183,840	10
	01 to 12	233,450	13	12,910	1	142,435	8	120,267	7

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	6,213	43	22.1	23.8	23.3	23.3	23.2
	Females	8,065	56	22.2	22.1	23.2	21.9	22.5
	Missing	38	0	14.4	16.9	16.6	16.4	16.3
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

**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	74	67	58	55	44
	Females	75	55	57	45	36
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

**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>	10,091	81	23.1	66	23.6	63	24.1	55	23.2	44	23.7
	Less than Core	3,896	62	20.1	45	21.1	46	21.4	37	20.7	28	21.0
	Missing <sup>3</sup>	329	40	16.6	29	18.8	31	18.8	25	18.2	18	18.2
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	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>	13,705	76	22.4	13,558	62	23.1	11,814	59	23.5	12,036	54	23.1
	Less than Core	325	52	18.0	461	14	17.0	2,208	51	22.3	1,977	25	19.0
	Missing <sup>3</sup>	286	43	17.0	297	30	18.9	294	34	19.2	303	26	18.4
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

<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

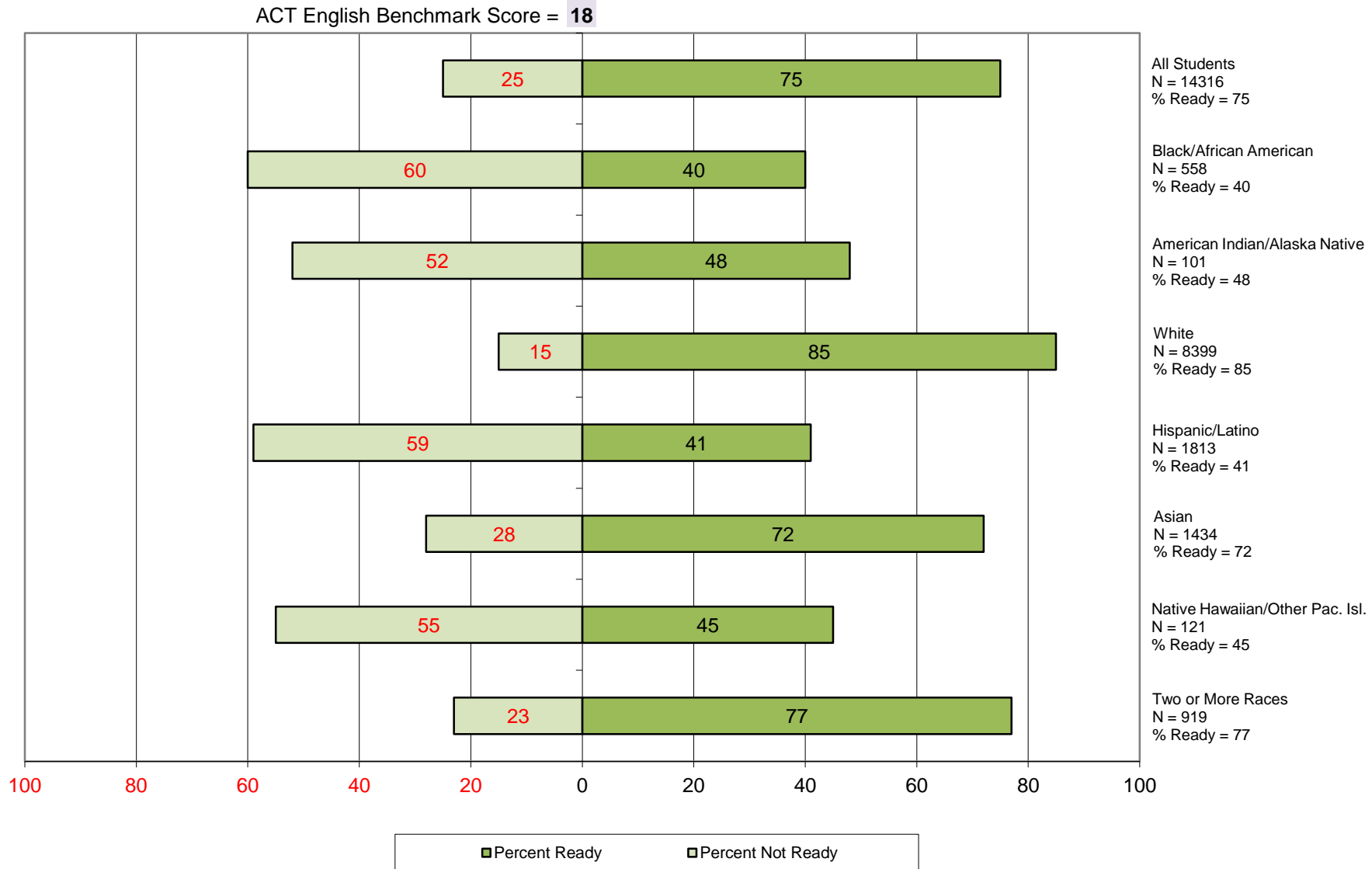


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

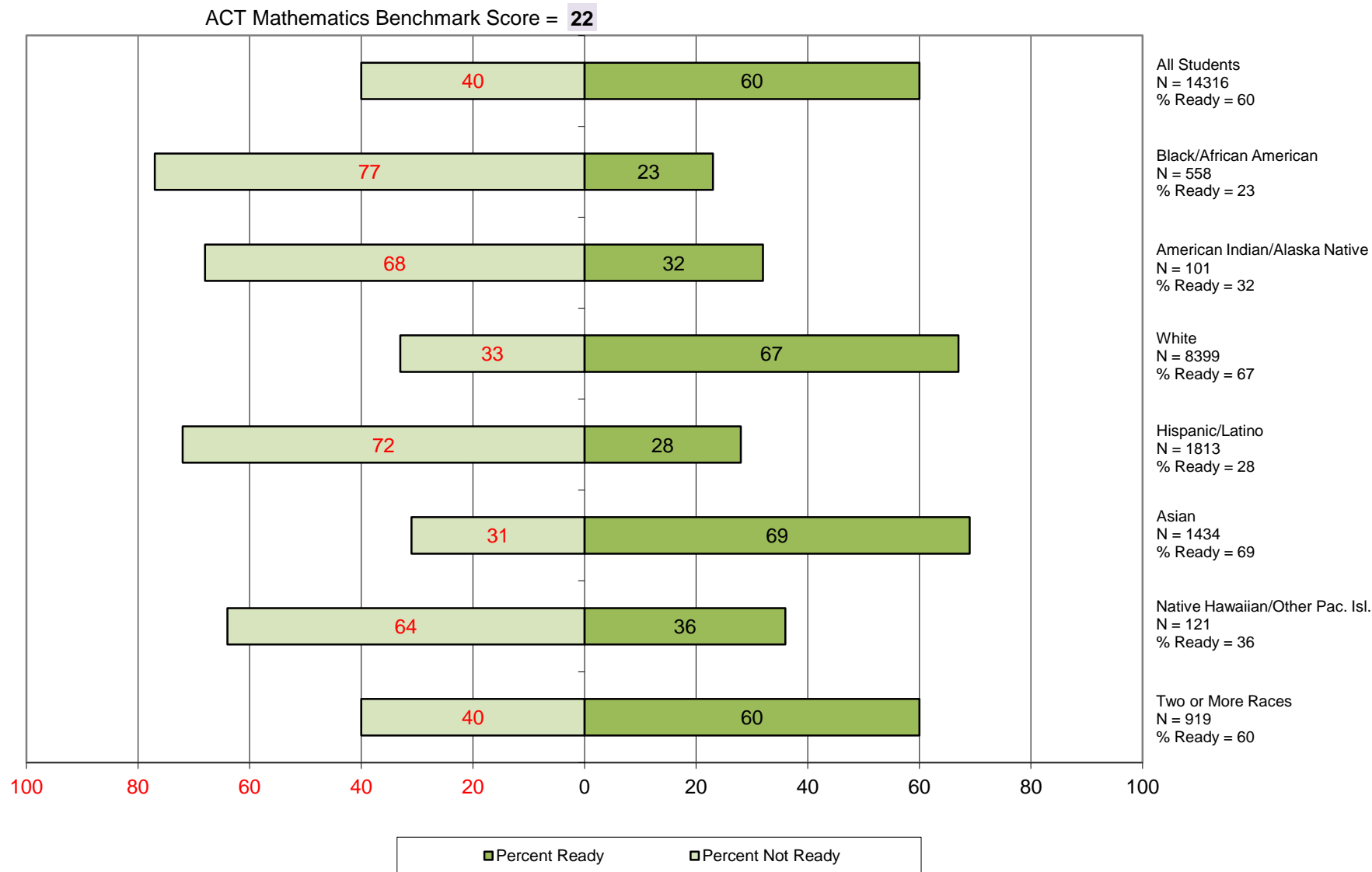


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

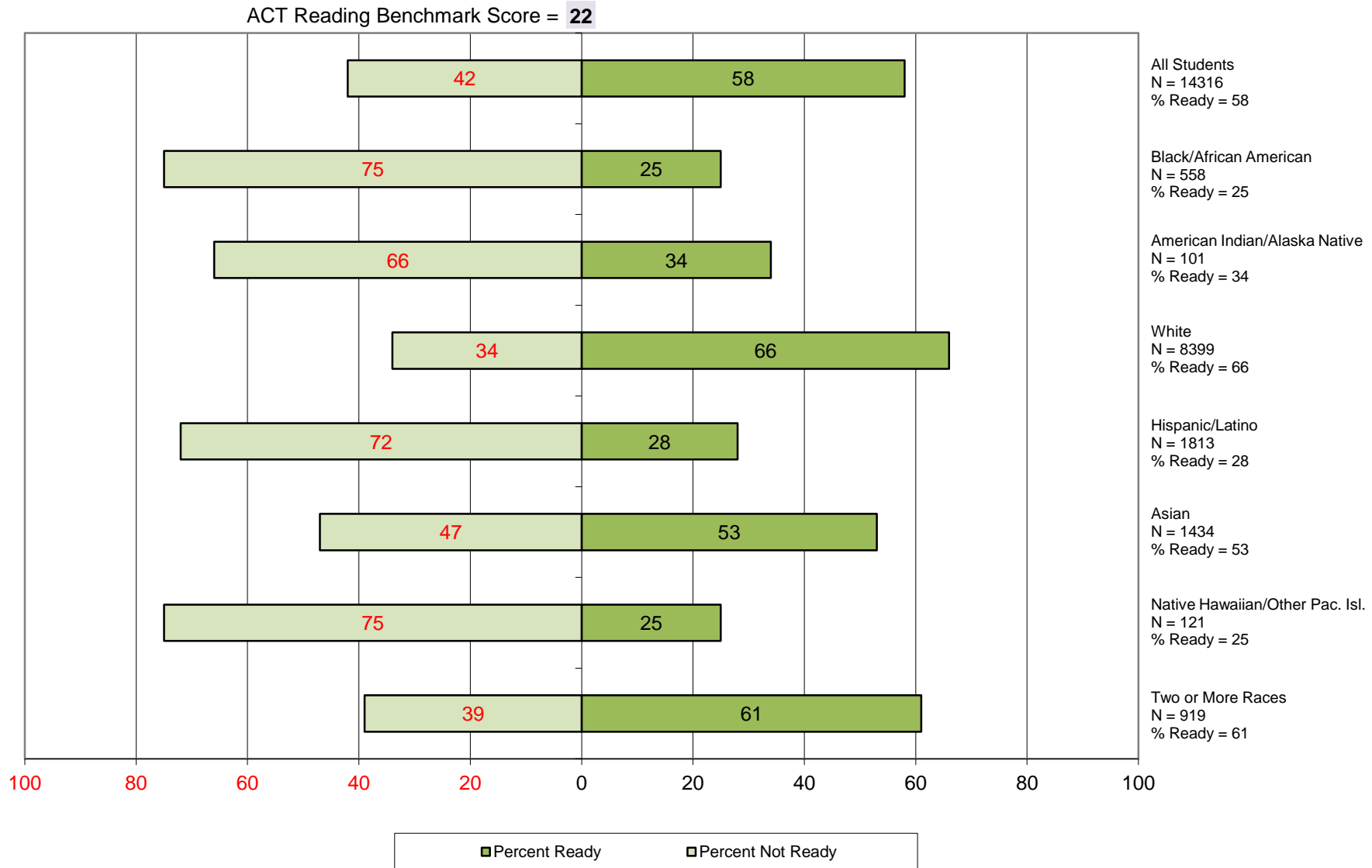


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

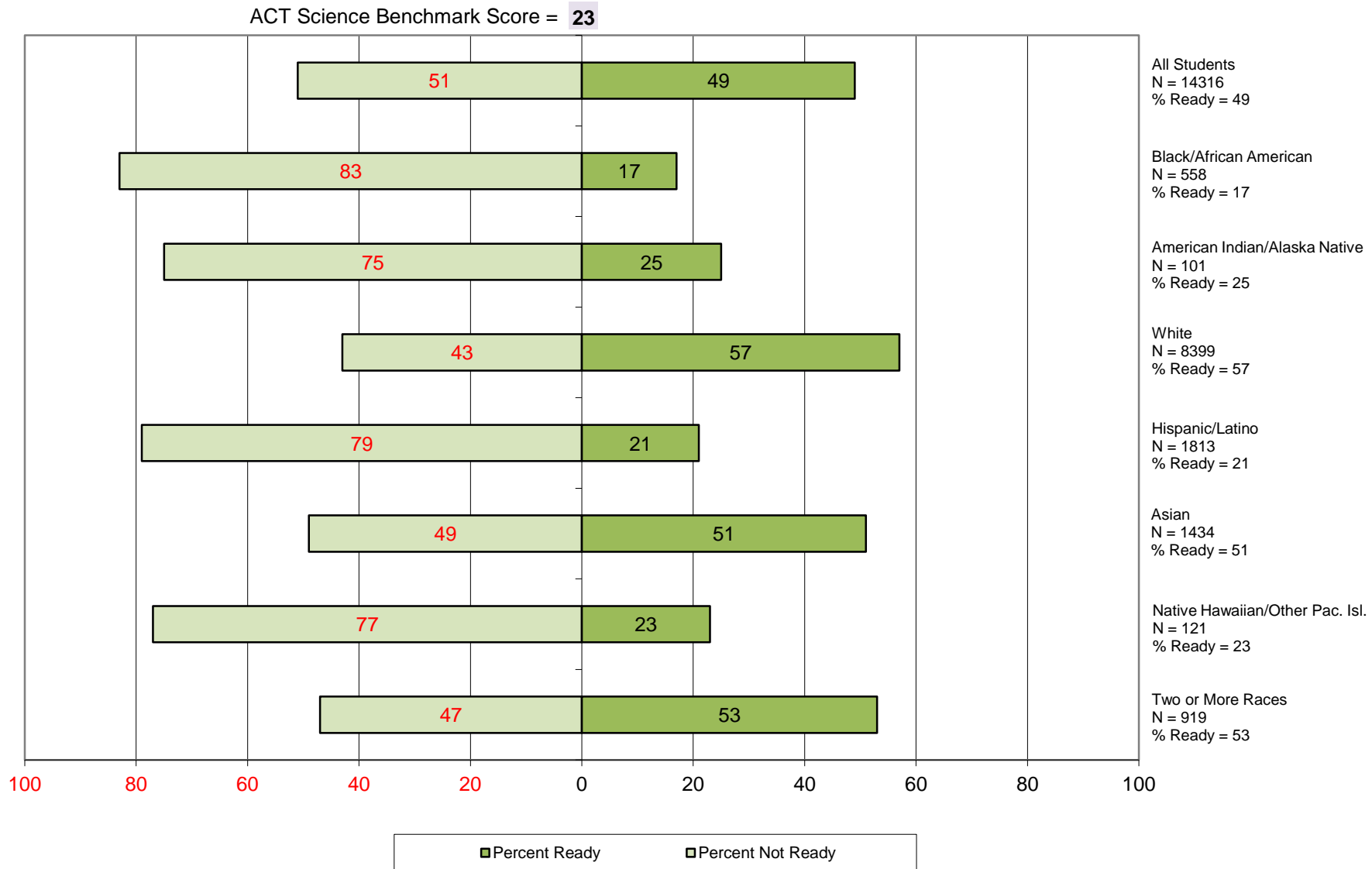
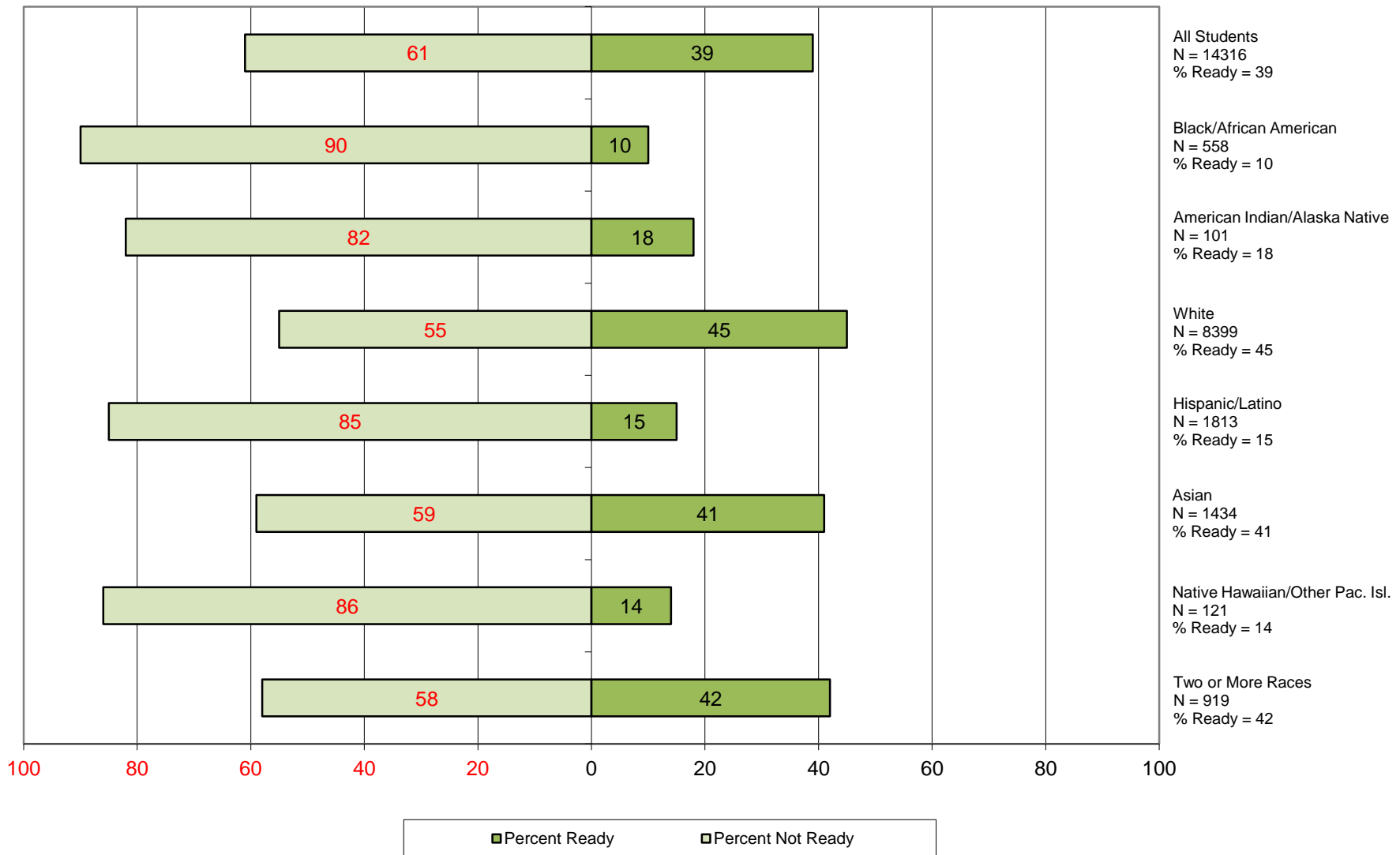


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 14,316

**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	3,213	22	22.3	4.3	1,337	22	22.1	3.7	1,875	23	22.4	4.6
Eng 9, Eng 10, Eng 11, Eng 12	10,492	73	22.4	4.4	4,578	74	22.3	3.9	5,891	73	22.4	4.6
Less than 4 years of English	325	2	18.0	-	153	2	18.4	-	168	2	17.8	-
Zero years / no English courses reported	286	2	17.0	-	145	2	18.1	-	131	2	16.2	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,304	9	25.3	8.3	590	9	26.1	9.1	714	9	24.6	7.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,416	10	22.4	5.4	527	8	23.3	6.3	887	11	21.9	4.8
Alg 1, Alg 2, Geom, & Trig	698	5	19.9	2.9	292	5	20.4	3.4	403	5	19.6	2.5
Alg 1, Alg 2, Geom, & Other Adv Math	1,826	13	20.5	3.5	668	11	21.2	4.2	1,152	14	20.2	3.1
Other comb of 4 or more years of Math	6,457	45	25.1	8.1	3,048	49	26.0	9.0	3,404	42	24.3	7.2
Alg 1, Alg 2, & Geom	1,219	9	17.3	0.3	491	8	17.6	0.6	721	9	17.1	0.0
Other comb of 3 or 3.5 years of Math	638	4	22.0	5.0	259	4	22.5	5.5	379	5	21.7	4.6
Less than 3 years of Math	461	3	17.0	-	187	3	17.0	-	269	3	17.1	-
Zero years / no Math courses reported	297	2	18.9	-	151	2	20.0	-	136	2	18.0	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,787	12	23.6	1.3	817	13	23.6	1.4	966	12	23.8	1.4
Other comb of 4 or more years Social Science	5,329	37	23.6	1.3	2,359	38	23.8	1.6	2,964	37	23.4	1.0
US Hist, World Hist, & Am Gov	1,559	11	23.0	0.7	702	11	23.2	1.0	855	11	22.8	0.4
Other comb of 3 or 3.5 years of Social Science	3,139	22	23.7	1.4	1,226	20	23.6	1.4	1,906	24	23.7	1.3
Less than 3 years of Social Science	2,208	15	22.3	-	961	15	22.2	-	1,240	15	22.4	-
Zero years / no Social Science courses reported	294	2	19.2	-	148	2	19.9	-	134	2	19.0	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	6,501	45	23.9	4.9	3,177	51	24.7	5.7	3,322	41	23.1	4.1
Bio, Chem, Phys	1,133	8	24.4	5.4	509	8	25.4	6.4	624	8	23.6	4.6
Gen Sci <sup>2</sup> , Bio, Chem	3,776	26	21.5	2.5	1,272	20	21.7	2.7	2,499	31	21.4	2.4
Other comb of 3 years of Natural Science	626	4	22.5	3.5	329	5	23.8	4.8	296	4	21.1	2.1
Less than 3 years of Natural Science	1,977	14	19.0	-	775	12	19.0	-	1,184	15	19.0	-
Zero years / no Natural Science courses reported	303	2	18.4	-	151	2	19.6	-	140	2	17.6	-

<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: 14,316

**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	3,213	22	22.3	76	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	10,492	73	22.4	76	1,265,911	70	20.3	65
Less than 4 years of English	325	2	18.0	52	84,048	5	15.9	36
Zero years / no English courses reported	286	2	17.0	43	68,909	4	16.4	38
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,304	9	25.3	81	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,416	10	22.4	62	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	698	5	19.9	36	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	1,826	13	20.5	43	336,291	19	19.6	32
Other comb of 4 or more years of Math	6,457	45	25.1	77	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	1,219	9	17.3	12	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	638	4	22.0	55	88,866	5	19.7	34
Less than 3 years of Math	461	3	17.0	14	77,906	4	16.3	7
Zero years / no Math courses reported	297	2	18.9	30	72,640	4	17.9	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,787	12	23.6	60	50,989	3	22.2	51
Other comb of 4 or more years Social Science	5,329	37	23.6	60	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	1,559	11	23.0	55	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	3,139	22	23.7	60	489,586	27	21.0	43
Less than 3 years of Social Science	2,208	15	22.3	51	171,617	10	19.1	32
Zero years / no Social Science courses reported	294	2	19.2	34	72,636	4	17.7	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	6,501	45	23.9	61	767,293	43	21.9	46
Bio, Chem, Phys	1,133	8	24.4	65	183,685	10	23.0	54
Gen Sci <sup>1</sup> , Bio, Chem	3,776	26	21.5	40	504,165	28	19.9	28
Other comb of 3 years of Natural Science	626	4	22.5	50	51,822	3	19.1	25
Less than 3 years of Natural Science	1,977	14	19.0	25	218,267	12	18.0	17
Zero years / no Natural Science courses reported	303	2	18.4	26	74,011	4	17.8	18

<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: 14,316

**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	143	1	21.4	12	3	16.7	120	1	21.9
Architecture	170	1	23.2	4	1	20.5	145	1	23.3
Area, Ethnic, & Multidisciplinary Studies	30	0	23.4	0	0	.	27	0	23.4
Arts: Visual & Performing	777	5	21.9	27	7	17.8	656	6	22.3
Business	1,519	11	22.2	44	12	17.1	1,303	11	22.5
Communications	315	2	21.7	5	1	15.0	279	2	21.8
Community, Family, & Personal Services	260	2	18.2	34	9	14.9	204	2	18.8
Computer Science & Mathematics	444	3	24.7	10	3	15.8	394	3	24.9
Education	644	4	21.6	13	4	15.7	579	5	21.9
Engineering	1,412	10	25.7	15	4	16.6	1,244	10	25.8
Engineering Technology & Drafting	141	1	21.6	6	2	15.8	123	1	22.2
English & Foreign Languages	242	2	24.5	2	1	14.5	209	2	24.5
Health Administration & Assisting	381	3	18.9	31	8	15.8	302	3	19.5
Health Sciences & Technologies	2,411	17	22.3	46	13	16.4	2,132	18	22.6
Philosophy, Religion, & Theology	67	0	21.7	3	1	20.0	55	0	22.3
Repair, Production, & Construction	73	1	17.0	24	7	15.4	30	0	18.2
Sciences: Biological & Physical	1,320	9	25.3	5	1	20.2	1,184	10	25.3
Social Sciences & Law	1,082	8	22.8	19	5	16.9	959	8	23.0
Undecided	2,583	18	22.8	58	16	16.1	1,920	16	23.5
No Response	299	2	18.1	9	2	16.1	53	0	21.2

<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: 14,316

**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	113	17.3	4	17.0	1	18.0	54	17.7	27	14.1
2-yr College Degree	255	15.9	10	14.1	4	15.0	108	17.0	93	14.8
Bachelors Degree	5,704	21.5	222	16.7	38	17.8	3,616	22.6	704	17.6
Graduate Study	3,012	24.8	80	19.1	26	20.5	1,993	25.5	235	21.9
Prof. Level Degree	3,203	24.8	150	19.8	18	22.4	1,727	25.8	381	21.1
Other	174	18.9	2	13.5	1	16.0	79	20.6	36	15.6
No Response	1,855	21.7	90	16.6	13	15.9	822	24.1	337	15.6

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	113	17.3	15	20.1	1	17.0	7	21.9	4	15.5
2-yr College Degree	255	15.9	16	16.3	2	15.0	11	17.1	11	15.9
Bachelors Degree	5,704	21.5	436	21.3	52	17.9	347	21.6	289	22.4
Graduate Study	3,012	24.8	265	24.4	17	20.1	199	24.8	197	25.1
Prof. Level Degree	3,203	24.8	437	25.5	24	20.8	241	24.9	225	26.2
Other	174	18.9	26	19.5	4	12.3	12	19.0	14	19.1
No Response	1,855	21.7	239	22.4	21	18.1	102	22.7	231	23.1

Total Students in Report: 14,316

**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 WASHINGTON	Washington	2,783	1,287	1,496	1	5	14	24	29	22	5
WASHINGTON STATE UNIVERSITY	Washington	2,055	583	1,472	2	9	24	31	23	10	1
WESTERN WASHINGTON UNIVERSITY	Washington	1,363	320	1,043	1	6	18	32	29	13	1
CENTRAL WASHINGTON UNIVERSITY	Washington	1,015	295	720	4	15	28	30	17	6	0
EASTERN WASHINGTON UNIVERSITY	Washington	997	287	710	4	14	30	29	17	6	0
GONZAGA UNIVERSITY	Washington	630	187	443	1	5	17	28	31	17	2
BRIGHAM YOUNG UNIVERSITY	Utah	592	418	174	0	1	8	25	33	29	4
SEATTLE UNIVERSITY	Washington	575	109	466	1	7	22	31	25	11	2
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	542	173	369	0	2	13	28	31	24	2
SEATTLE PACIFIC UNIVERSITY	Washington	483	95	388	1	5	21	33	27	12	2
UNIVERSITY OF OREGON	Oregon	347	62	285	1	5	16	31	31	15	1
STANFORD UNIVERSITY	California	306	83	223	0	1	3	13	22	47	14
OREGON STATE UNIVERSITY	Oregon	296	47	249	1	5	16	32	28	16	2
UNIVERSITY OF PORTLAND	Oregon	273	57	216	1	1	12	30	34	18	3
PACIFIC LUTHERAN UNIVERSITY	Washington	263	75	188	2	5	19	34	27	13	1
WHITWORTH UNIVERSITY	Washington	263	79	184	1	4	14	31	30	17	3
UNIVERSITY OF WASHINGTON BOTHELL	Washington	242	55	187	3	12	29	35	18	3	0
UNIVERSITY OF IDAHO	Idaho	229	48	181	0	5	22	32	24	15	1
BOISE STATE UNIVERSITY	Idaho	187	45	142	1	6	22	41	19	10	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	183	61	122	0	2	11	31	36	19	2
NCAA ELIGIBILITY CENTER	Indiana	174	83	91	1	9	16	29	29	13	3
UNIVERSITY OF WASHINGTON TACOMA	Washington	171	39	132	4	13	28	36	15	4	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	167	24	143	0	2	6	16	23	43	11
UNIVERSITY OF PUGET SOUND	Washington	167	26	141	1	4	15	26	29	20	5
UNIVERSITY OF SOUTHERN CALIFORNIA	California	148	34	114	1	2	9	16	28	34	9
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	147	21	126	0	4	9	22	28	34	3
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	145	20	125	1	1	12	30	36	21	1
SANTA CLARA UNIVERSITY	California	145	33	112	1	0	2	15	42	38	2
ARIZONA STATE UNIVERSITY	Arizona	136	38	98	1	9	20	37	24	9	1
WHITMAN COLLEGE	Washington	129	26	103	4	9	12	17	23	29	5
All Other Institutions		8,825	2,549	6,276	2	8	15	24	24	22	5
<b>Total</b>		<b>23,978</b>	<b>7,259</b>	<b>16,719</b>	<b>2</b>	<b>7</b>	<b>17</b>	<b>27</b>	<b>26</b>	<b>18</b>	<b>3</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: 14,316

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

	N		Average ACT Scores					
	State	National	English		Essay		English/Writing Combined	
			State	National	State	National	State	National
<b>All Students</b>	<b>10,825</b>	<b>942,769</b>	<b>22.9</b>	<b>21.3</b>	<b>7.6</b>	<b>7.0</b>	<b>22.3</b>	<b>20.5</b>
Black/African American	438	114,751	17.1	16.3	6.8	6.1	17.3	16.0
American Indian/Alaska Native	73	6,031	17.8	16.8	6.7	6.1	17.8	16.4
White	6,117	518,407	24.5	22.9	7.8	7.2	23.6	21.9
Hispanic/Latino	1,313	151,504	17.4	18.6	6.9	6.8	17.6	18.3
Asian	1,303	54,580	22.5	23.5	7.7	7.6	22.0	22.7
Native Hawaiian/Other Pac. Isl.	92	2,812	17.4	19.5	7.1	6.9	17.8	19.2
Two or more races	744	35,355	23.2	21.5	7.8	7.0	22.6	20.6
Prefer not/No Response	745	59,329	24.7	21.8	7.9	7.1	23.8	20.9
Males	4,591	423,104	22.9	21.0	7.5	6.7	22.2	20.1
Females	6,234	513,945	22.9	21.6	7.7	7.2	22.4	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5





