



# Profile Report - State

Graduating Class 2015

Wisconsin





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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

35% 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:** 46,738 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. 72% 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 4% of the cohort took less than three years of math courses. Of these students, 13% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 61% 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 9% of the cohort took less than three years of natural science courses. 27% of these students were college ready. In comparison, 53% 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 39% 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

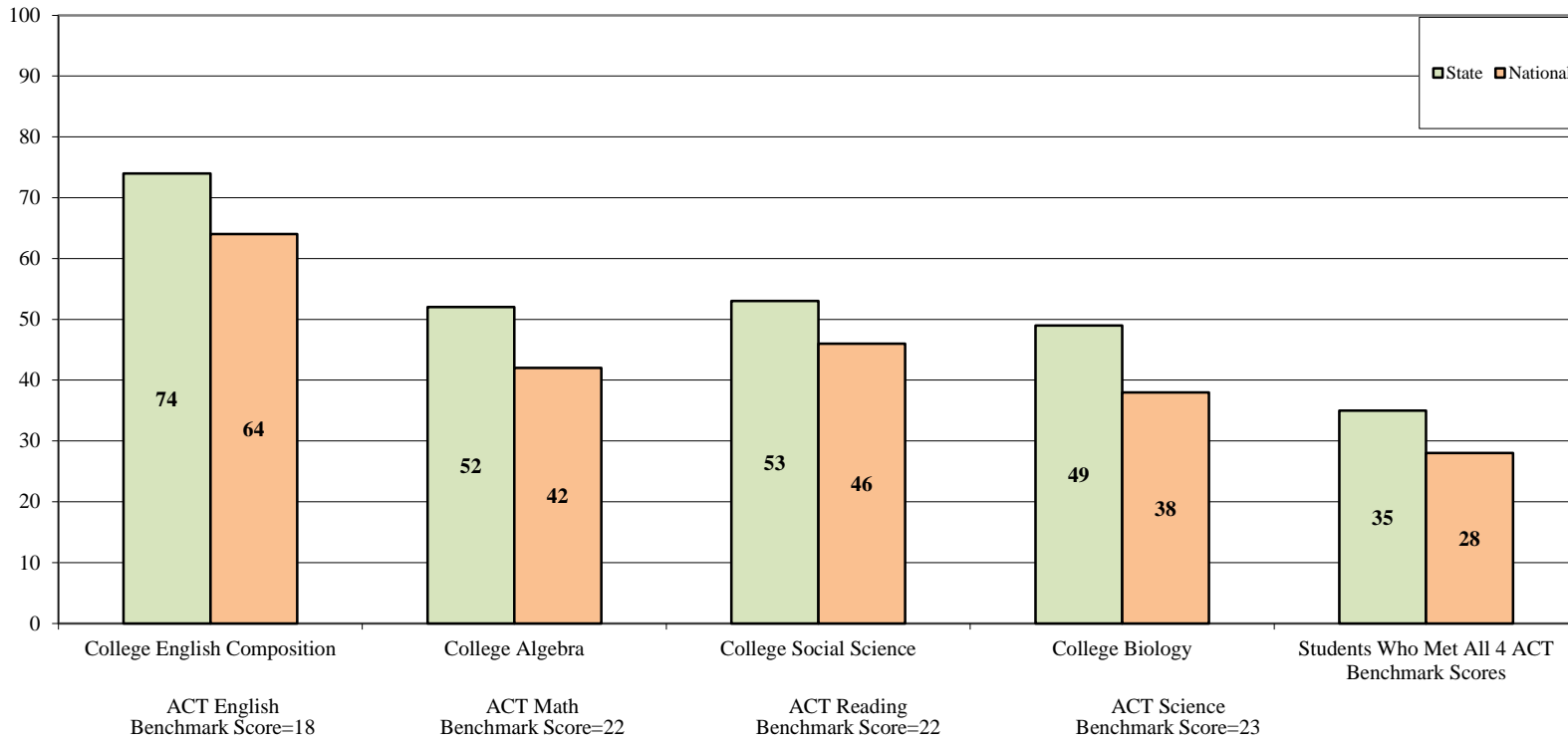
## Executive Summary

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: 46,738

**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
2011	47,693	1,623,112	75	66	54	45	60	52	39	30	32	25
2012	47,588	1,666,017	75	67	54	46	59	52	38	31	31	25
2013	46,574	1,799,243	75	64	54	44	53	44	47	36	33	26
2014	46,870	1,845,787	75	64	54	43	51	44	49	37	34	26
<b>2015</b>	<b>46,738</b>	<b>1,924,436</b>	<b>74</b>	<b>64</b>	<b>52</b>	<b>42</b>	<b>53</b>	<b>46</b>	<b>49</b>	<b>38</b>	<b>35</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	47,693	1,623,112	21.6	20.6	22.1	21.1	22.2	21.3	22.3	20.9	22.2	21.1
2012	47,588	1,666,017	21.5	20.5	22.0	21.1	22.1	21.3	22.1	20.9	22.1	21.1
2013	46,574	1,799,243	21.5	20.2	22.0	20.9	22.3	21.1	22.2	20.7	22.1	20.9
2014	46,870	1,845,787	21.6	20.3	22.0	20.9	22.4	21.3	22.3	20.8	22.2	21.0
<b>2015</b>	<b>46,738</b>	<b>1,924,436</b>	<b>21.6</b>	<b>20.4</b>	<b>22.0</b>	<b>20.8</b>	<b>22.5</b>	<b>21.4</b>	<b>22.3</b>	<b>20.9</b>	<b>22.2</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>

**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	35,312	11,504	74	24	22.4	19.8	22.8	20.3	22.9	20.7	22.9	20.8	22.9	20.5
2012	35,848	10,871	75	23	22.3	19.7	22.6	20.3	22.8	20.6	22.7	20.7	22.7	20.4
2013	34,523	10,523	74	23	22.3	19.7	22.7	20.3	23.0	20.7	22.9	20.8	22.8	20.5
2014	34,213	10,727	73	23	22.5	19.7	22.8	20.4	23.1	20.8	23.0	20.8	23.0	20.6
<b>2015</b>	<b>33,823</b>	<b>10,729</b>	<b>72</b>	<b>23</b>	<b>22.5</b>	<b>20.1</b>	<b>22.8</b>	<b>20.5</b>	<b>23.3</b>	<b>21.1</b>	<b>23.0</b>	<b>21.0</b>	<b>23.0</b>	<b>20.8</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.

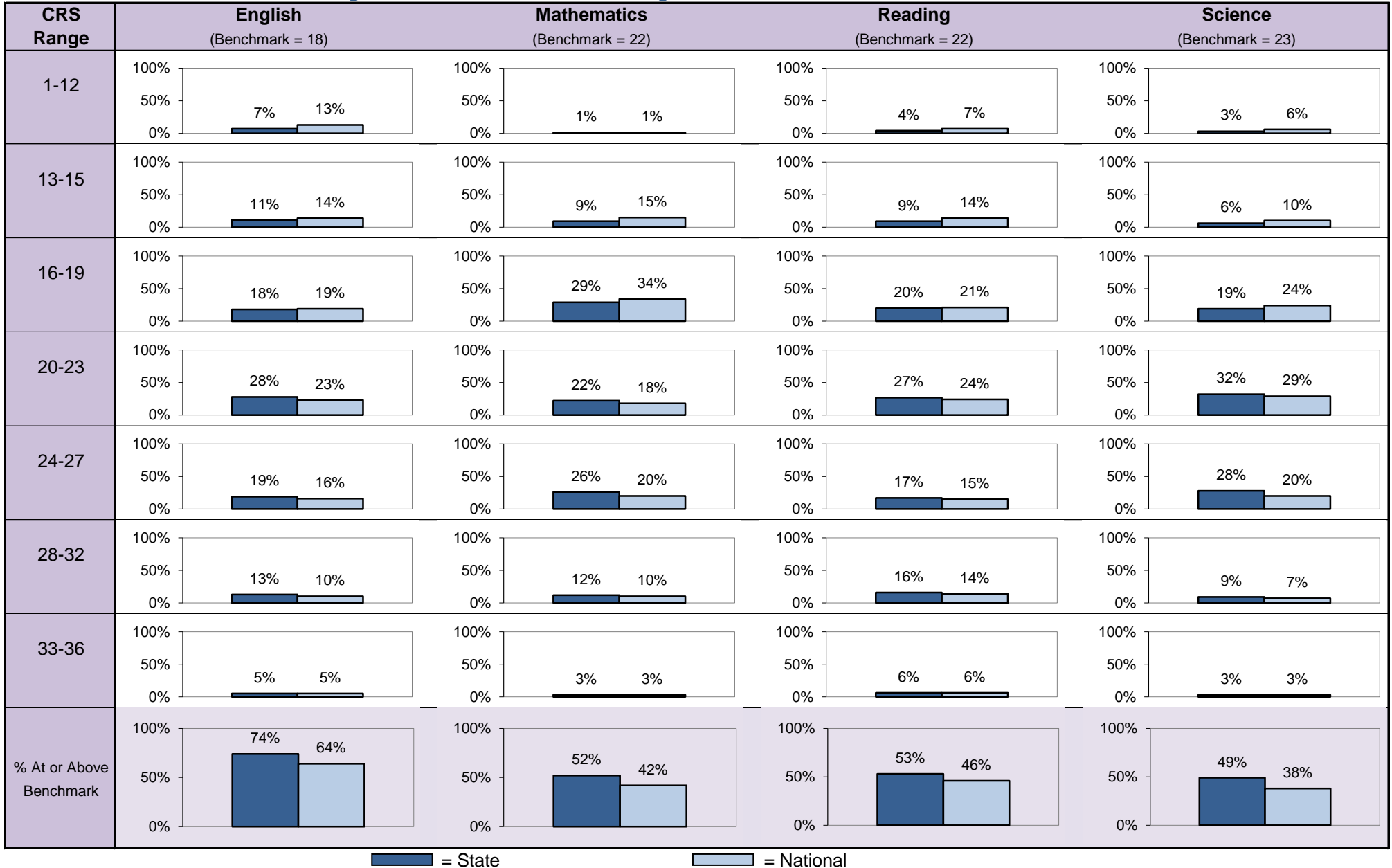
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>47,693</b>	<b>100</b>	<b>22.2</b>	<b>47,588</b>	<b>100</b>	<b>22.1</b>	<b>46,574</b>	<b>100</b>	<b>22.1</b>	<b>46,870</b>	<b>100</b>	<b>22.2</b>	<b>46,738</b>	<b>100</b>	<b>22.2</b>
Black/African American	3,528	7	16.2	3,341	7	16.0	3,239	7	16.2	3,221	7	16.2	3,125	7	16.3
American Indian/Alaska Native	311	1	20.1	263	1	19.7	250	1	19.8	246	1	19.5	235	1	19.8
White	37,011	78	23.1	36,261	76	23.0	34,814	75	23.1	34,611	74	23.2	34,064	73	23.2
Hispanic/Latino	2,397	5	19.2	2,930	6	19.1	3,091	7	19.2	3,429	7	19.2	3,435	7	19.4
Asian	1,866	4	20.6	1,824	4	20.2	1,774	4	20.6	1,886	4	20.8	1,859	4	20.8
Native Hawaiian/Other Pacific Islander	15	0	20.1	37	0	22.3	46	0	21.1	32	0	20.7	49	0	21.1
Two or more races	970	2	20.9	1,285	3	21.3	1,302	3	21.6	1,424	3	21.6	1,513	3	21.7
Prefer not to respond/No response	1,595	3	21.8	1,647	3	22.4	2,058	4	22.1	2,021	4	21.8	2,458	5	21.6

Total Students in Report: 46,738

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



Total Students in Report: 46,738

**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	45,343	97	21.7	22.1	22.6	22.4	22.3
	Extended Time	1,395	3	17.2	18.4	19.7	19.4	18.8
	Total	46,738	100	21.6	22.0	22.5	22.3	22.2
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	75	53	54	50	35
	Extended Time	43	23	35	27	16
	Total	74	52	53	49	35
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: 46,738

**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	145	100	120	100	331	100	234	100	27	100	36
35	577	100	251	100	371	99	429	99	155	100	35
34	806	98	506	99	818	98	524	99	375	100	34
33	718	97	388	98	1,354	97	423	97	543	99	33
32	1,161	95	601	97	1,466	94	753	97	697	98	32
31	969	93	605	96	1,428	91	518	95	980	96	31
30	904	91	997	95	1,598	88	951	94	1,250	94	30
29	1,056	89	1,312	93	1,522	84	821	92	1,515	91	29
28	1,784	86	2,145	90	1,598	81	1,320	90	1,815	88	28
27	1,332	83	2,643	85	1,858	78	1,973	87	2,234	84	27
26	2,103	80	3,379	80	1,842	74	2,422	83	2,595	79	26
25	3,000	75	2,669	72	1,948	70	3,866	78	2,897	74	25
24	2,612	69	3,301	67	2,348	65	4,773	70	3,374	68	24
23	3,275	63	3,308	60	3,452	60	3,991	59	3,371	61	23
22	2,896	56	2,189	52	2,864	53	3,230	51	3,637	53	22
21	3,502	50	2,157	48	3,439	47	4,187	44	3,502	46	21
20	3,314	43	2,460	43	2,892	40	3,390	35	3,331	38	20
19	2,256	35	2,617	38	3,090	33	3,283	28	2,936	31	19
18	2,004	31	2,776	32	2,537	27	2,199	21	2,661	25	18
17	1,733	26	3,995	26	1,959	21	1,847	16	2,442	19	17
16	2,235	23	3,961	18	1,895	17	1,534	12	1,968	14	16
15	2,599	18	2,571	9	1,872	13	1,199	9	1,499	9	15
14	1,558	12	1,077	4	1,372	9	805	6	1,240	6	14
13	992	9	472	2	1,188	6	729	4	929	4	13
12	842	7	143	1	969	4	640	3	469	2	12
11	809	5	61	1	359	2	325	1	196	1	11
10	706	3	18	1	199	1	180	1	60	1	10
9	383	2	4	1	76	1	111	1	19	1	9
8	243	1	7	1	45	1	46	1	13	1	8
7	112	1	0	1	16	1	17	1	5	1	7
6	68	1	4	1	18	1	12	1	2	1	6
5	24	1	0	1	1	1	1	1	1	1	5
4	14	1	1	1	11	1	1	1	0	1	4
3	2	1	0	1	2	1	3	1	0	1	3
2	3	1	0	1	0	1	0	1	0	1	2
1	1	1	0	1	0	1	1	1	0	1	1
Avg (SD)	21.6 (6.1)		22.0 (5.2)		22.5 (6.0)		22.3 (5.0)		22.2 (5.0)		Avg (SD)

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

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

Total Students in Report: 46,738

**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	1,742	100	694	100	1,444	100	1,741	100	1,754	100	363	100	425	100	18
17	2,873	96	721	99	2,870	97	2,402	96	1,950	96	358	99	155	99	17
16	1,785	90	3,025	97	3,457	91	3,041	91	2,997	92	1,093	98	2,289	99	16
15	3,335	86	3,356	91	3,150	83	3,653	85	2,966	86	3,426	96	3,807	94	15
14	2,128	79	3,612	83	3,237	77	3,699	77	3,422	79	5,461	89	5,032	86	14
13	3,280	75	4,908	76	5,303	70	3,894	69	4,815	72	5,378	77	4,670	75	13
12	3,835	68	5,074	65	4,686	58	4,137	61	5,344	62	4,537	66	5,708	65	12
11	5,304	59	6,033	54	4,618	48	4,093	52	3,634	50	6,795	56	5,483	53	11
10	4,972	48	4,399	41	5,293	38	3,917	43	3,835	42	6,076	41	5,725	41	10
9	4,092	37	4,972	32	3,425	27	4,400	35	4,244	34	5,625	28	5,496	29	9
8	4,099	29	3,802	21	3,780	20	3,117	25	3,842	25	3,266	16	3,288	17	8
7	3,029	20	1,995	13	2,863	12	2,845	18	4,554	17	2,200	9	1,931	10	7
6	2,398	13	1,651	9	1,532	6	3,126	12	1,961	7	864	5	1,226	6	6
5	1,882	8	1,328	5	661	2	1,448	6	875	3	723	3	808	3	5
4	1,098	4	775	2	190	1	914	3	347	1	152	1	212	1	4
3	613	2	302	1	134	1	242	1	140	1	322	1	338	1	3
2	217	1	83	1	52	1	65	1	45	1	16	1	16	1	2
1	56	1	8	1	43	1	4	1	13	1	83	1	129	1	1
Avg (SD)	10.8 (3.8)		11.1 (3.2)		11.7 (3.4)		11.3 (3.7)		11.3 (3.5)		11.1 (2.8)		11.2 (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)	25	26	27	25	26
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	17	17	18	19	19

Total Students in Report: 46,738

**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>46,738</b>	<b>72</b>	<b>23.0</b>	<b>20.8</b>
	Black/African American	3,125	51	17.3	16.2
	American Indian/Alaska Native	235	65	20.5	18.8
	White	34,064	77	23.7	21.8
	Hispanic/Latino	3,435	67	20.2	18.3
	Asian	1,859	69	21.6	19.6
	Native Hawaiian/Other Pac. Isl.	49	63	22.2	19.3
	Two or more races	1,513	69	22.5	20.4
	Prefer not/No Response	2,458	52	24.0	20.7
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>	21.6	22.0	22.5	22.3	22.2
	Black/African American	14.9	16.5	16.6	16.8	16.3
	American Indian/Alaska Native	18.4	19.6	20.4	20.1	19.8
	White	22.7	22.8	23.5	23.2	23.2
	Hispanic/Latino	18.4	19.2	19.7	19.7	19.4
	Asian	19.4	21.8	20.2	21.2	20.8
	Native Hawaiian/Other Pac. Isl.	19.8	21.1	21.6	21.4	21.1
	Two or more races	21.1	21.2	22.2	21.8	21.7
	Prefer not/No Response	20.9	21.3	22.0	21.6	21.6
National	<b>All Students</b>	20.4	20.8	21.4	20.9	21.0
	Black/African American	15.9	17.2	17.4	17.3	17.1
	American Indian/Alaska Native	16.6	18.1	18.4	18.2	17.9
	White	22.1	21.9	22.9	22.2	22.4
	Hispanic/Latino	17.8	19.1	19.2	19.0	18.9
	Asian	23.0	25.0	23.3	23.6	23.9
	Native Hawaiian/Other Pac. Isl.	17.7	19.2	18.9	18.8	18.8
	Two or more races	20.7	20.8	21.8	21.1	21.2
	Prefer not/No Response	19.9	20.5	21.1	20.5	20.6



Total Students in Report: 46,738

**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	2,246	5	1,265	3	2,874	6	1,610	3
	28 to 32	5,874	13	5,660	12	7,612	16	4,363	9
	24 to 27	9,047	19	11,992	26	7,996	17	13,034	28
	20 to 23	12,987	28	10,114	22	12,647	27	14,798	32
	16 to 19	8,228	18	13,349	29	9,481	20	8,863	19
	13 to 15	5,149	11	4,120	9	4,432	9	2,733	6
	01 to 12	3,207	7	238	1	1,696	4	1,337	3
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	21,348	46	21.4	22.8	22.6	23.0	22.6
	Females	24,829	53	21.9	21.3	22.5	21.8	22.0
	Missing	561	1	17.3	18.8	18.9	18.9	18.6
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	73	59	54	55	38
	Females	75	47	53	45	31
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 46,738

**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>	33,823	80	22.5	59	22.8	58	23.3	55	23.0	39	23.0
	Less than Core	10,729	64	20.1	40	20.5	44	21.1	38	21.0	24	20.8
	Missing <sup>3</sup>	2,186	28	15.0	13	16.8	19	17.2	15	17.2	8	16.7
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>	42,831	77	22.1	42,775	56	22.4	38,866	56	22.9	40,379	53	22.8
	Less than Core	1,888	52	18.2	1,858	13	17.2	5,794	48	21.6	4,291	27	19.8
	Missing <sup>3</sup>	2,019	29	15.1	2,105	13	16.8	2,078	19	17.2	2,068	15	17.2
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

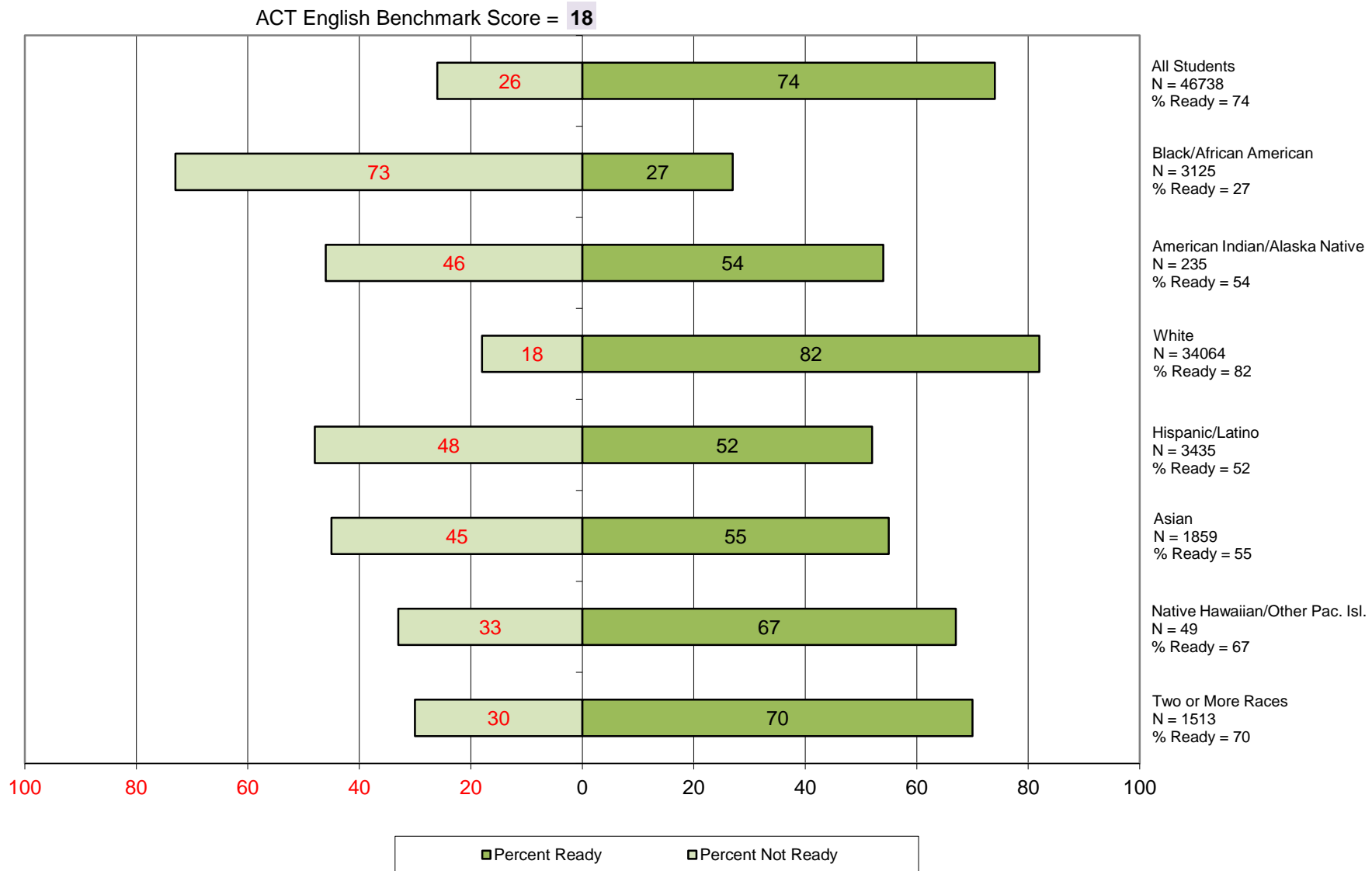


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

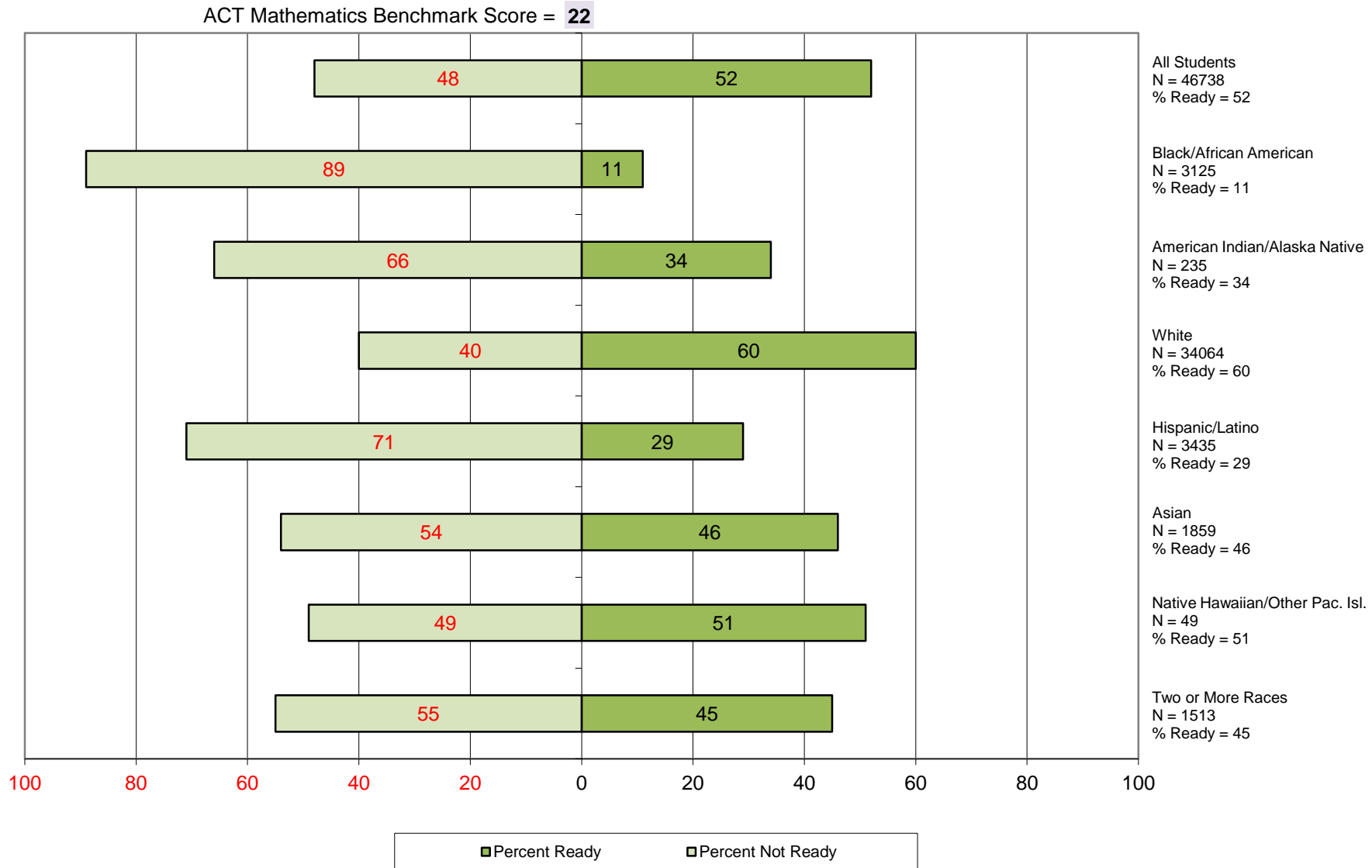


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

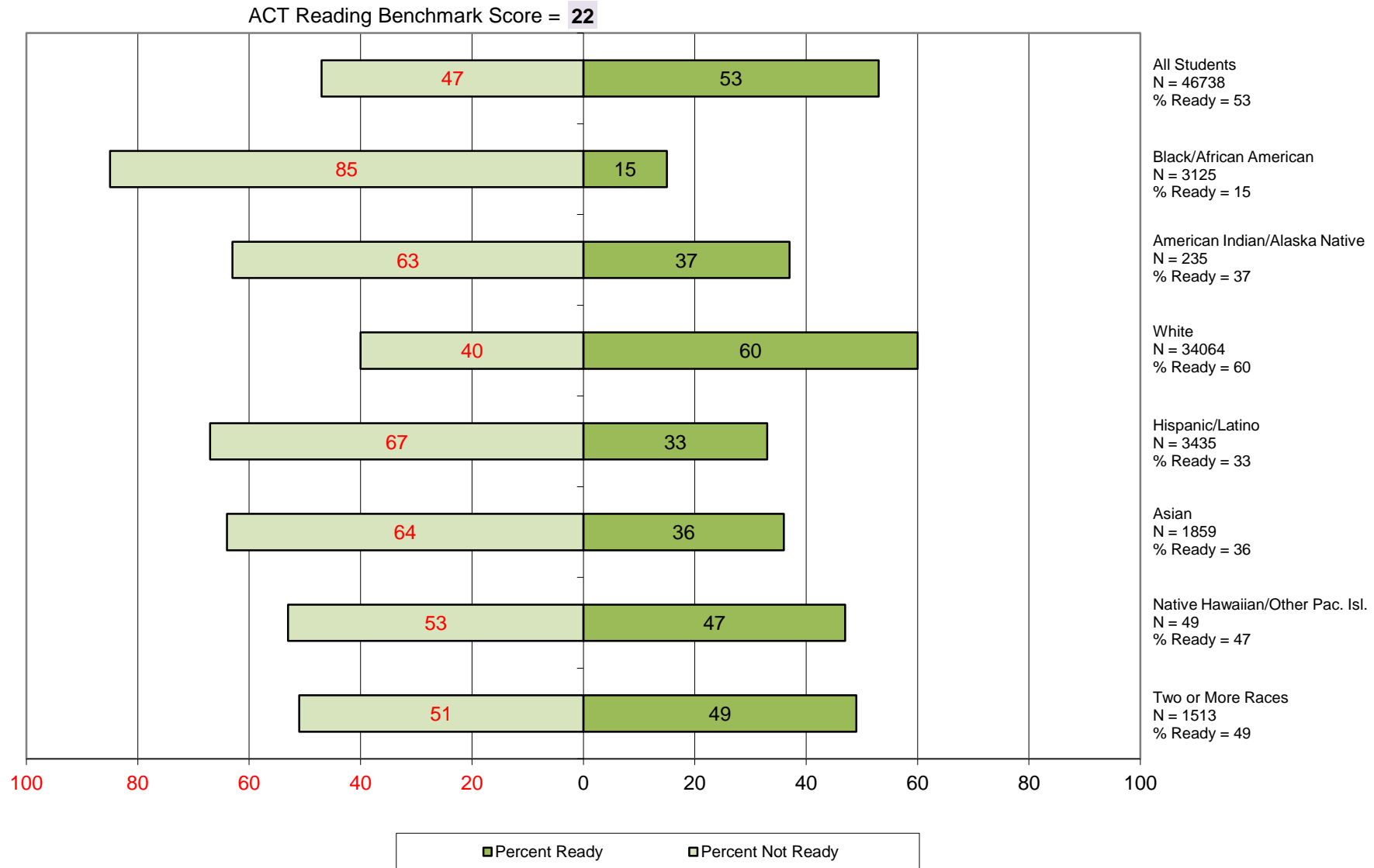


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

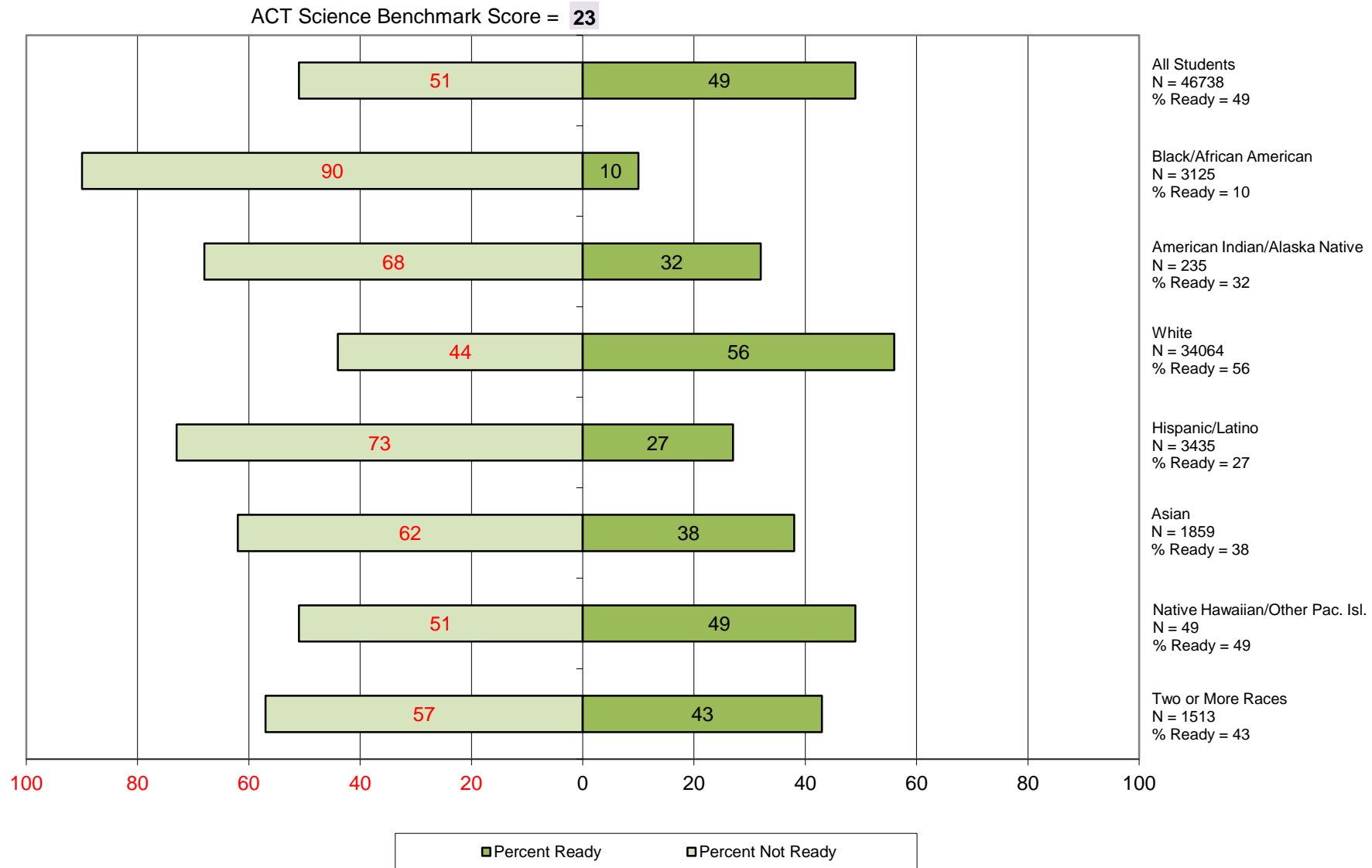
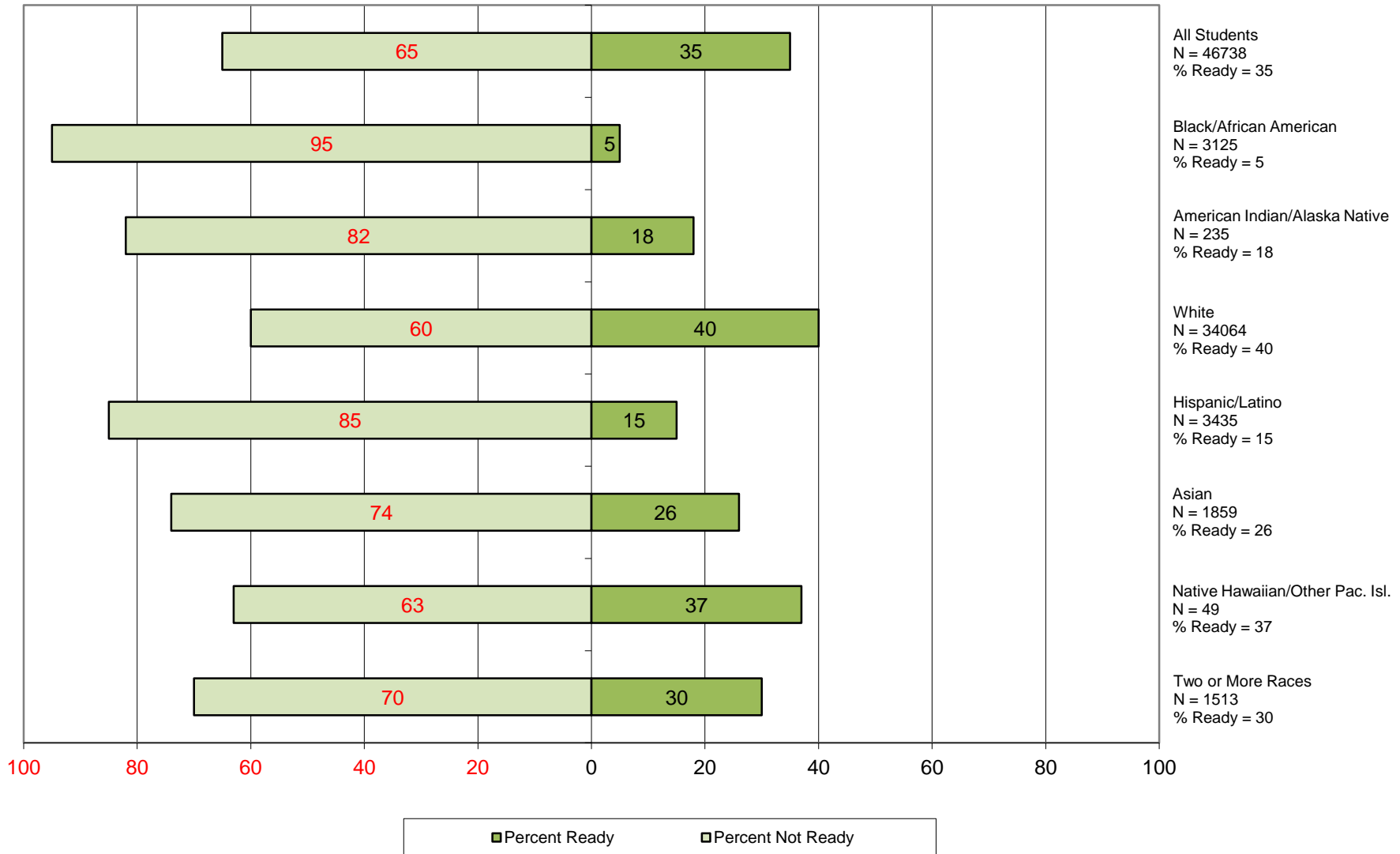


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 46,738

**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	13,933	30	22.6	4.4	5,664	27	22.3	4.5	8,216	33	22.8	4.0
Eng 9, Eng 10, Eng 11, Eng 12	28,898	62	21.8	3.6	13,779	65	21.7	3.9	14,918	60	21.9	3.1
Less than 4 years of English	1,888	4	18.2	-	894	4	17.8	-	924	4	18.8	-
Zero years / no English courses reported	2,019	4	15.1	-	1,011	5	15.0	-	771	3	15.6	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	3,096	7	24.4	7.2	1,428	7	25.2	7.7	1,645	7	23.7	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,214	11	22.0	4.8	1,950	9	22.6	5.1	3,207	13	21.7	4.6
Alg 1, Alg 2, Geom, & Trig	3,180	7	20.0	2.8	1,310	6	20.7	3.2	1,816	7	19.5	2.4
Alg 1, Alg 2, Geom, & Other Adv Math	6,925	15	20.9	3.7	2,685	13	21.6	4.1	4,229	17	20.5	3.4
Other comb of 4 or more years of Math	16,738	36	24.8	7.6	8,758	41	25.5	8.0	7,907	32	24.0	6.9
Alg 1, Alg 2, & Geom	5,482	12	18.2	1.0	2,300	11	18.7	1.2	3,155	13	17.8	0.7
Other comb of 3 or 3.5 years of Math	2,140	5	21.5	4.3	1,038	5	22.1	4.6	1,080	4	20.9	3.8
Less than 3 years of Math	1,858	4	17.2	-	823	4	17.5	-	984	4	17.1	-
Zero years / no Math courses reported	2,105	5	16.8	-	1,056	5	17.2	-	806	3	16.7	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,179	3	22.4	0.8	647	3	22.3	0.6	522	2	22.4	0.7
Other comb of 4 or more years Social Science	21,538	46	23.1	1.5	9,838	46	23.2	1.5	11,667	47	22.9	1.2
US Hist, World Hist, & Am Gov	2,072	4	21.0	-0.6	1,071	5	21.3	-0.4	992	4	20.7	-1.0
Other comb of 3 or 3.5 years of Social Science	14,077	30	22.9	1.3	6,177	29	23.1	1.4	7,794	31	22.8	1.1
Less than 3 years of Social Science	5,794	12	21.6	-	2,578	12	21.7	-	3,059	12	21.7	-
Zero years / no Social Science courses reported	2,078	4	17.2	-	1,037	5	17.3	-	795	3	17.7	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	21,412	46	23.6	3.8	10,777	50	24.3	4.4	10,525	42	22.9	3.1
Bio, Chem, Phys	5,091	11	24.3	4.5	2,397	11	25.2	5.3	2,595	10	23.5	3.7
Gen Sci <sup>2</sup> , Bio, Chem	12,864	28	21.1	1.3	4,690	22	21.4	1.5	8,117	33	20.9	1.1
Other comb of 3 years of Natural Science	1,012	2	21.6	1.8	660	3	22.1	2.2	342	1	20.6	0.8
Less than 3 years of Natural Science	4,291	9	19.8	-	1,790	8	19.9	-	2,458	10	19.8	-
Zero years / no Natural Science courses reported	2,068	4	17.2	-	1,034	5	17.5	-	792	3	17.2	-

<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: 46,738

**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	13,933	30	22.6	79	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	28,898	62	21.8	75	1,359,318	71	20.6	65
Less than 4 years of English	1,888	4	18.2	52	93,944	5	15.9	36
Zero years / no English courses reported	2,019	4	15.1	29	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	3,096	7	24.4	73	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,214	11	22.0	56	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	3,180	7	20.0	35	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	6,925	15	20.9	44	362,476	19	19.4	30
Other comb of 4 or more years of Math	16,738	36	24.8	75	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	5,482	12	18.2	18	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	2,140	5	21.5	49	95,502	5	19.8	34
Less than 3 years of Math	1,858	4	17.2	13	78,951	4	16.3	8
Zero years / no Math courses reported	2,105	5	16.8	13	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,179	3	22.4	51	48,944	3	22.3	51
Other comb of 4 or more years Social Science	21,538	46	23.1	57	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	2,072	4	21.0	42	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	14,077	30	22.9	56	527,956	27	21.4	46
Less than 3 years of Social Science	5,794	12	21.6	48	194,720	10	19.5	34
Zero years / no Social Science courses reported	2,078	4	17.2	19	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	21,412	46	23.6	60	807,744	42	22.2	48
Bio, Chem, Phys	5,091	11	24.3	65	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	12,864	28	21.1	38	512,754	27	20.1	30
Other comb of 3 years of Natural Science	1,012	2	21.6	42	54,439	3	19.1	24
Less than 3 years of Natural Science	4,291	9	19.8	27	227,926	12	18.1	18
Zero years / no Natural Science courses reported	2,068	4	17.2	15	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: 46,738

**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	1,130	2	21.2	118	5	18.8	972	2	21.5
Architecture	456	1	21.9	22	1	18.7	408	1	22.1
Area, Ethnic, & Multidisciplinary Studies	60	0	21.9	4	0	17.0	54	0	22.1
Arts: Visual & Performing	2,650	6	21.3	209	9	17.4	2,270	6	21.8
Business	4,674	10	22.0	234	10	17.8	4,256	11	22.3
Communications	711	2	22.5	20	1	19.3	661	2	22.6
Community, Family, & Personal Services	1,108	2	19.2	178	7	17.7	873	2	19.6
Computer Science & Mathematics	1,435	3	24.3	105	4	19.8	1,264	3	24.7
Education	2,658	6	21.5	61	3	17.5	2,511	6	21.6
Engineering	3,542	8	24.9	102	4	18.5	3,276	8	25.1
Engineering Technology & Drafting	575	1	21.5	68	3	17.8	485	1	22.1
English & Foreign Languages	573	1	24.2	17	1	19.2	527	1	24.5
Health Administration & Assisting	1,280	3	19.4	107	4	17.4	1,111	3	19.8
Health Sciences & Technologies	8,001	17	22.4	294	12	18.5	7,432	18	22.6
Philosophy, Religion, & Theology	191	0	22.4	8	0	17.6	165	0	22.8
Repair, Production, & Construction	418	1	19.2	227	9	19.0	162	0	19.7
Sciences: Biological & Physical	3,211	7	24.8	26	1	20.4	3,059	8	24.9
Social Sciences & Law	3,392	7	22.2	99	4	17.6	3,162	8	22.4
Undecided	8,582	18	22.6	400	17	18.5	7,370	18	23.0
No Response	2,064	4	16.3	78	3	14.5	142	0	18.0

<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: 46,738

**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	589	18.1	77	14.1	4	19.8	374	19.4	67	16.1
2-yr College Degree	1,801	18.1	169	14.0	6	17.5	1,229	19.3	195	16.1
Bachelors Degree	26,211	21.7	1,334	16.6	151	19.3	20,469	22.4	1,737	19.1
Graduate Study	6,270	24.8	254	18.4	26	20.2	4,940	25.4	349	22.2
Prof. Level Degree	7,692	24.7	496	18.7	32	22.3	5,354	25.6	610	21.7
Other	541	19.1	64	15.2	1	19.0	336	20.4	64	17.1
No Response	3,634	19.2	731	14.5	15	18.7	1,362	23.0	413	16.8

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	589	18.1	16	18.0	0	.	13	19.5	38	17.0
2-yr College Degree	1,801	18.1	58	15.4	2	14.0	51	16.6	91	16.8
Bachelors Degree	26,211	21.7	883	19.4	21	20.5	801	21.1	815	21.6
Graduate Study	6,270	24.8	208	23.4	10	23.2	198	23.9	285	25.4
Prof. Level Degree	7,692	24.7	444	24.5	9	25.4	325	24.0	422	25.9
Other	541	19.1	23	17.8	0	.	12	16.8	41	19.6
No Response	3,634	19.2	227	18.5	7	16.3	113	18.5	766	18.6

Total Students in Report: 46,738

**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
UNIV OF WISCONSIN-MADISON	Wisconsin	9,621	4,512	5,109	1	3	9	23	35	25	4
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	6,568	1,934	4,634	2	11	26	32	21	7	1
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	4,983	1,235	3,748	0	3	16	36	32	12	1
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	4,881	1,407	3,474	2	8	26	35	22	8	0
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	4,701	1,194	3,507	1	7	28	39	21	6	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	4,056	1,013	3,043	0	3	18	39	28	11	1
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	3,869	1,148	2,721	0	5	24	38	24	8	1
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	3,734	857	2,877	0	1	7	22	38	27	4
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	2,983	713	2,270	1	6	24	38	23	8	1
MARQUETTE UNIVERSITY	Wisconsin	2,957	770	2,187	3	8	14	23	30	20	2
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	2,813	911	1,902	0	3	20	34	29	14	1
UNIV OF WISCONSIN-STOUT	Wisconsin	1,938	521	1,417	0	5	25	39	22	9	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,279	341	938	2	5	11	22	32	25	3
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,243	398	845	1	4	27	38	23	7	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	1,171	345	826	3	16	34	29	12	5	0
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	1,104	435	669	11	34	29	18	5	2	0
MADISON AREA TECHNICAL COLLEGE	Wisconsin	1,037	417	620	3	16	31	32	12	6	0
CARROLL UNIVERSITY	Wisconsin	1,018	294	724	1	6	23	34	24	12	1
CONCORDIA UNIVERSITY-WI	Wisconsin	955	291	664	1	5	21	35	25	12	1
WINONA STATE UNIVERSITY	Minnesota	930	251	679	0	1	23	44	25	7	0
SAINT NORBERT COLLEGE	Wisconsin	798	221	577	0	2	14	34	32	16	1
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	761	230	531	2	11	35	30	16	6	0
CARTHAGE COLLEGE	Wisconsin	713	181	532	0	6	20	32	27	14	1
EDGEWOOD COLLEGE	Wisconsin	668	188	480	1	7	25	36	25	6	1
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	607	143	464	0	1	15	39	30	12	2
ALVERNO COLLEGE	Wisconsin	564	210	354	5	30	36	21	8	1	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	554	188	366	1	11	42	32	11	3	0
UNIV OF WISCONSIN-FOX VALLEY	Wisconsin	488	172	316	0	6	33	36	18	6	0
MILWAUKEE INSTITUTE OF ART AND DESIGN	Wisconsin	447	131	316	7	20	26	26	17	4	0
VITERBO UNIVERSITY	Wisconsin	443	105	338	0	4	20	39	27	10	0
All Other Institutions		33,562	9,440	24,122	2	9	20	26	22	17	4
Total		101,446	30,196	71,250	1	7	20	30	25	14	2

# 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: 46,738

**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>26,709</b>	<b>1,108,908</b>	<b>22.6</b>	<b>21.0</b>	<b>7.1</b>	<b>6.9</b>	<b>21.6</b>	<b>20.2</b>
Black/African American	2,336	136,380	14.8	16.3	5.7	6.0	14.6	15.9
American Indian/Alaska Native	131	7,142	18.4	16.5	6.2	5.9	17.6	16.0
White	18,093	567,060	24.3	22.8	7.4	7.1	23.2	21.8
Hispanic/Latino	2,159	196,970	18.7	18.4	6.8	6.7	18.4	18.1
Asian	1,271	68,736	20.5	23.9	7.1	7.6	20.1	23.0
Native Hawaiian/Other Pac. Isl.	24	4,070	20.6	18.0	6.7	6.5	19.8	17.6
Two or more races	984	45,517	21.9	21.3	7.0	6.9	21.0	20.4
Prefer not/No Response	1,711	83,033	21.4	20.8	6.7	6.7	20.4	19.9
Males	11,946	507,737	22.5	20.7	6.9	6.6	21.3	19.7
Females	14,231	590,537	22.9	21.4	7.4	7.1	22.0	20.8
Missing	532	10,634	17.4	16.0	5.9	5.6	16.6	15.4





