

ACT Profile Report - State

Graduating Class 2014

Wisconsin



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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.

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

How to Improve Scores and Increase College Readiness

34% 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: 46,870 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. 73% 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, 11% 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, 63% 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. 25% 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 37% 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.

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.

Section I

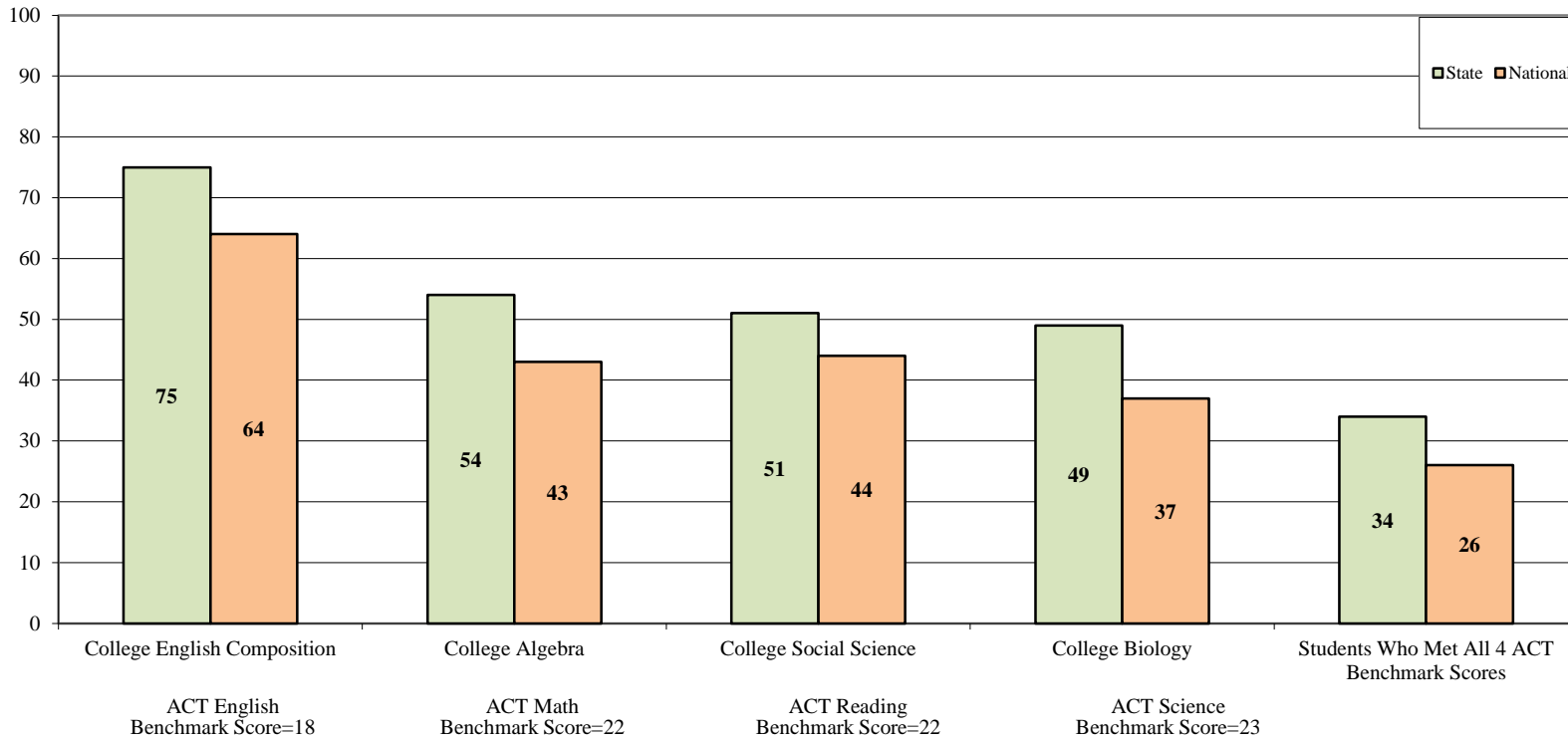
Executive Summary

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: 46,870

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	47,755	1,568,835	75	66	53	43	60	52	38	29	31	24
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

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	47,755	1,568,835	21.5	20.5	22.0	21.0	22.3	21.3	22.2	20.9	22.1	21.0
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

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
2014	1,845,787	20.3	20.9	21.3	20.8	21.0

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	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	34,921	11,909	73	25	22.4	19.6	22.8	20.2	23.1	20.6	22.9	20.7	22.9	20.4
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

¹"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.

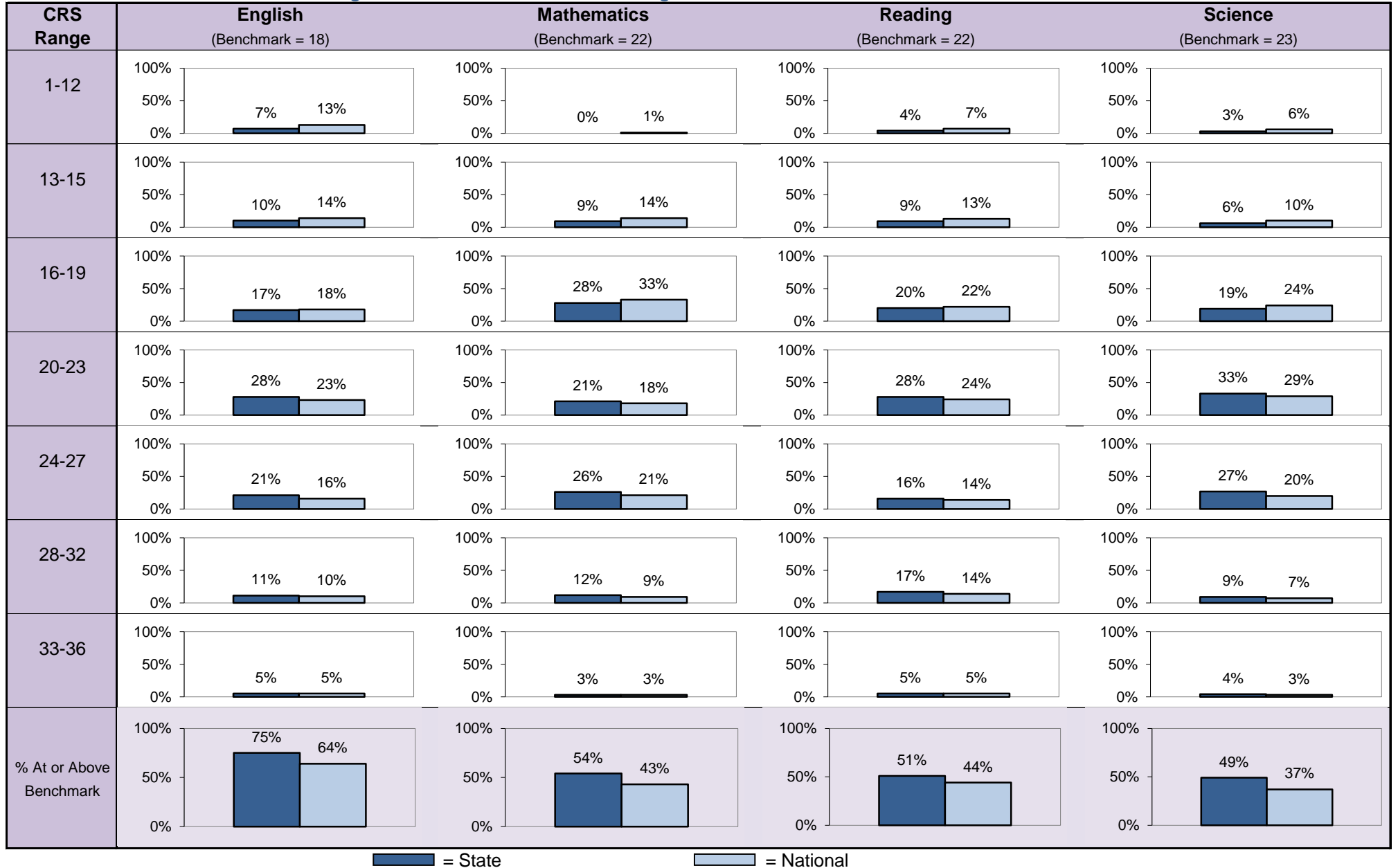
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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
All Students	47,755	100	22.1	47,693	100	22.2	47,588	100	22.1	46,574	100	22.1	46,870	100	22.2
Black/African American	3,351	7	16.0	3,528	7	16.2	3,341	7	16.0	3,239	7	16.2	3,221	7	16.2
American Indian/Alaska Native	331	1	20.2	311	1	20.1	263	1	19.7	250	1	19.8	246	1	19.5
White	37,765	79	23.0	37,011	78	23.1	36,261	76	23.0	34,814	75	23.1	34,611	74	23.2
Hispanic/Latino	1,892	4	18.7	2,397	5	19.2	2,930	6	19.1	3,091	7	19.2	3,429	7	19.2
Asian	1,734	4	20.3	1,866	4	20.6	1,824	4	20.2	1,774	4	20.6	1,886	4	20.8
Native Hawaiian/Other Pacific Islander	0	0	.	15	0	20.1	37	0	22.3	46	0	21.1	32	0	20.7
Two or more races	907	2	20.9	970	2	20.9	1,285	3	21.3	1,302	3	21.6	1,424	3	21.6
Prefer not to respond/No response	1,775	4	21.3	1,595	3	21.8	1,647	3	22.4	2,058	4	22.1	2,021	4	21.8

Total Students in Report: 46,870

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



Total Students in Report: 46,870

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	45,632	97	21.7	22.1	22.4	22.4	22.3
	Extended Time	1,238	3	17.1	18.4	19.4	19.4	18.7
	Total	46,870	100	21.6	22.0	22.4	22.3	22.2
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	76	55	52	49	34
	Extended Time	43	24	34	27	16
	Total	75	54	51	49	34
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: 46,870

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	148	100	102	100	341	100	323	100	39	100	36
35	662	100	329	100	357	99	372	99	173	100	35
34	655	98	539	99	796	99	464	99	356	100	34
33	947	97	481	98	952	97	503	98	453	99	33
32	714	95	523	97	1,560	95	595	96	687	98	32
31	794	93	646	96	1,327	91	830	95	845	96	31
30	1,244	92	879	94	1,852	89	703	93	1,270	95	30
29	1,021	89	1,614	93	1,551	85	864	92	1,536	92	29
28	1,502	87	2,050	89	1,616	81	1,285	90	1,836	89	28
27	1,745	84	2,375	85	1,722	78	2,430	87	2,298	85	27
26	2,125	80	3,157	80	1,858	74	2,459	82	2,656	80	26
25	2,515	75	3,314	73	1,881	70	3,819	77	2,950	74	25
24	3,316	70	3,542	66	2,272	66	3,830	69	3,326	68	24
23	2,777	63	3,281	58	3,541	61	4,433	61	3,548	61	23
22	3,448	57	2,476	51	2,407	54	3,762	51	3,700	53	22
21	3,484	50	1,901	46	4,193	49	3,939	43	3,507	45	21
20	3,408	42	2,163	42	3,129	40	3,262	35	3,337	38	20
19	2,639	35	2,036	37	2,892	33	3,343	28	2,994	31	19
18	1,858	29	3,047	33	2,399	27	2,211	21	2,771	24	18
17	1,691	25	3,742	26	2,194	22	1,804	16	2,098	18	17
16	1,865	22	4,132	19	1,864	17	1,409	12	1,886	14	16
15	2,290	18	2,744	10	1,496	13	1,021	9	1,559	10	15
14	1,539	13	1,155	4	1,554	10	864	7	1,182	6	14
13	1,041	10	429	1	1,202	7	731	5	928	4	13
12	893	7	124	1	951	4	589	3	583	2	12
11	931	5	62	1	492	2	438	2	252	1	11
10	770	3	12	1	277	1	293	1	63	1	10
9	420	2	3	1	104	1	193	1	25	1	9
8	228	1	8	1	17	1	51	1	4	1	8
7	135	1	1	1	36	1	32	1	4	1	7
6	37	1	2	1	19	1	4	1	2	1	6
5	14	1	0	1	7	1	5	1	2	1	5
4	9	1	0	1	4	1	6	1	0	1	4
3	2	1	0	1	3	1	1	1	0	1	3
2	2	1	0	1	2	1	1	1	0	1	2
1	1	1	1	1	2	1	1	1	0	1	1
Avg (SD)	21.6 (6.1)		22.0 (5.2)		22.4 (6.0)		22.3 (5.1)		22.2 (5.0)		Avg (SD)

¹CP 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: 46,870

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), 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	1,920	100	534	100	1,183	100	1,536	100	1,804	100	358	100	431	100	18
17	2,616	96	809	99	2,668	97	2,504	97	2,210	96	693	99	345	99	17
16	1,915	90	2,205	97	3,465	92	3,090	91	2,886	91	1,371	98	2,202	98	16
15	2,737	86	3,920	92	2,700	84	2,452	85	2,628	85	3,116	95	3,743	94	15
14	2,189	80	4,326	84	5,251	79	3,275	80	3,904	80	4,102	88	4,473	86	14
13	3,875	76	4,773	75	4,170	67	3,795	73	5,294	71	6,091	79	5,515	76	13
12	4,133	67	5,380	65	4,290	59	5,043	64	5,468	60	6,384	66	5,533	64	12
11	4,929	59	6,043	53	4,752	49	4,700	54	3,474	48	4,392	53	5,603	53	11
10	5,256	48	4,372	40	4,984	39	3,826	44	3,587	41	7,158	43	5,521	41	10
9	4,700	37	4,775	31	3,794	29	5,515	36	3,812	33	4,422	28	5,395	29	9
8	3,513	27	3,699	21	3,964	21	2,968	24	4,244	25	4,092	19	3,697	17	8
7	2,495	19	1,966	13	2,777	12	2,853	17	3,830	16	2,126	10	2,061	9	7
6	2,385	14	1,618	9	1,486	6	1,988	11	2,056	8	1,119	5	851	5	6
5	1,928	9	1,224	5	792	3	2,198	7	1,070	4	750	3	776	3	5
4	1,199	5	907	3	355	1	672	2	371	1	206	1	242	2	4
3	791	2	242	1	153	1	326	1	166	1	387	1	332	1	3
2	249	1	66	1	68	1	118	1	61	1	20	1	84	1	2
1	40	1	11	1	18	1	11	1	5	1	83	1	66	1	1
Avg (SD)	10.8 (3.8)		11.1 (3.2)		11.6 (3.4)		11.1 (3.6)		11.4 (3.5)		11.1 (2.9)		11.2 (2.9)		Avg (SD)

¹CP 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)	22	22	22	22	22
Q1 (25th Percentile)	17	17	18	19	19

Total Students in Report: 46,870

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 ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	46,870	73	23.0	20.6
	Black/African American	3,221	52	17.2	15.5
	American Indian/Alaska Native	246	64	20.4	18.2
	White	34,611	77	23.6	21.8
	Hispanic/Latino	3,429	65	20.2	18.0
	Asian	1,886	67	21.7	19.2
	Native Hawaiian/Other Pac. Isl.	32	75	21.8	17.3
	Two or more races	1,424	71	22.4	20.3
	Prefer not/No Response	2,021	56	24.1	20.5
National	All Students	1,845,787	73	21.8	18.9
	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

¹"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	All Students	21.6	22.0	22.4	22.3	22.2
	Black/African American	14.8	16.4	16.5	16.4	16.2
	American Indian/Alaska Native	18.3	19.2	20.3	19.9	19.5
	White	22.7	22.9	23.3	23.3	23.2
	Hispanic/Latino	18.2	19.2	19.5	19.4	19.2
	Asian	19.4	22.0	20.0	21.2	20.8
	Native Hawaiian/Other Pac. Isl.	19.9	21.6	19.0	21.4	20.7
	Two or more races	21.1	21.3	22.1	21.7	21.6
	Prefer not/No Response	21.2	21.4	22.2	21.7	21.8
National	All Students	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: 46,870

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	2,412	5	1,451	3	2,446	5	1,662	4
	28 to 32	5,275	11	5,712	12	7,906	17	4,277	9
	24 to 27	9,701	21	12,388	26	7,733	16	12,538	27
	20 to 23	13,117	28	9,821	21	13,270	28	15,396	33
	16 to 19	8,053	17	12,957	28	9,349	20	8,767	19
	13 to 15	4,870	10	4,328	9	4,252	9	2,616	6
	01 to 12	3,442	7	213	0	1,914	4	1,614	3
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	21,582	46	21.4	22.8	22.2	22.9	22.4
	Females	25,130	54	21.8	21.4	22.5	21.8	22.0
	Missing	158	0	14.2	16.4	15.9	15.4	15.6
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	74	60	50	54	36
	Females	76	49	52	44	31
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 46,870

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	34,213	81	22.5	61	22.8	56	23.1	55	23.0	38	23.0
	Less than Core	10,727	63	19.7	40	20.4	40	20.8	37	20.8	23	20.6
	Missing ³	1,930	32	15.4	15	17.3	23	17.4	17	17.3	10	17.0
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

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "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.

³ Zero years or no coursework information reported in one or more content areas.

⁴ 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 ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	43,263	78	22.0	43,070	58	22.5	39,065	54	22.7	40,748	53	22.8
	Less than Core	1,852	47	17.3	1,964	11	16.8	5,983	44	21.4	4,304	25	19.4
	Missing ³	1,755	32	15.4	1,836	16	17.3	1,822	23	17.5	1,818	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

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "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.

³ 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

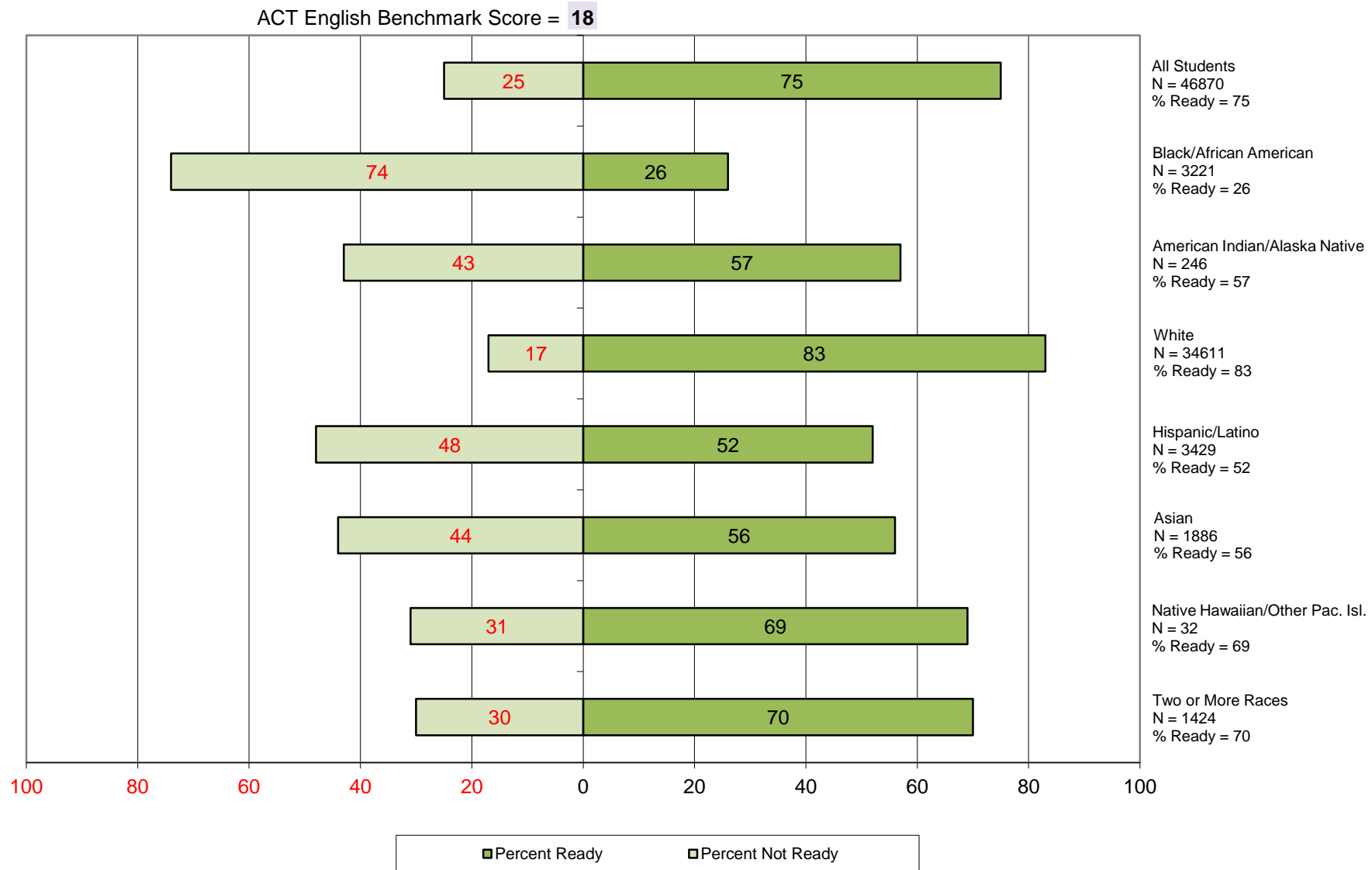


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

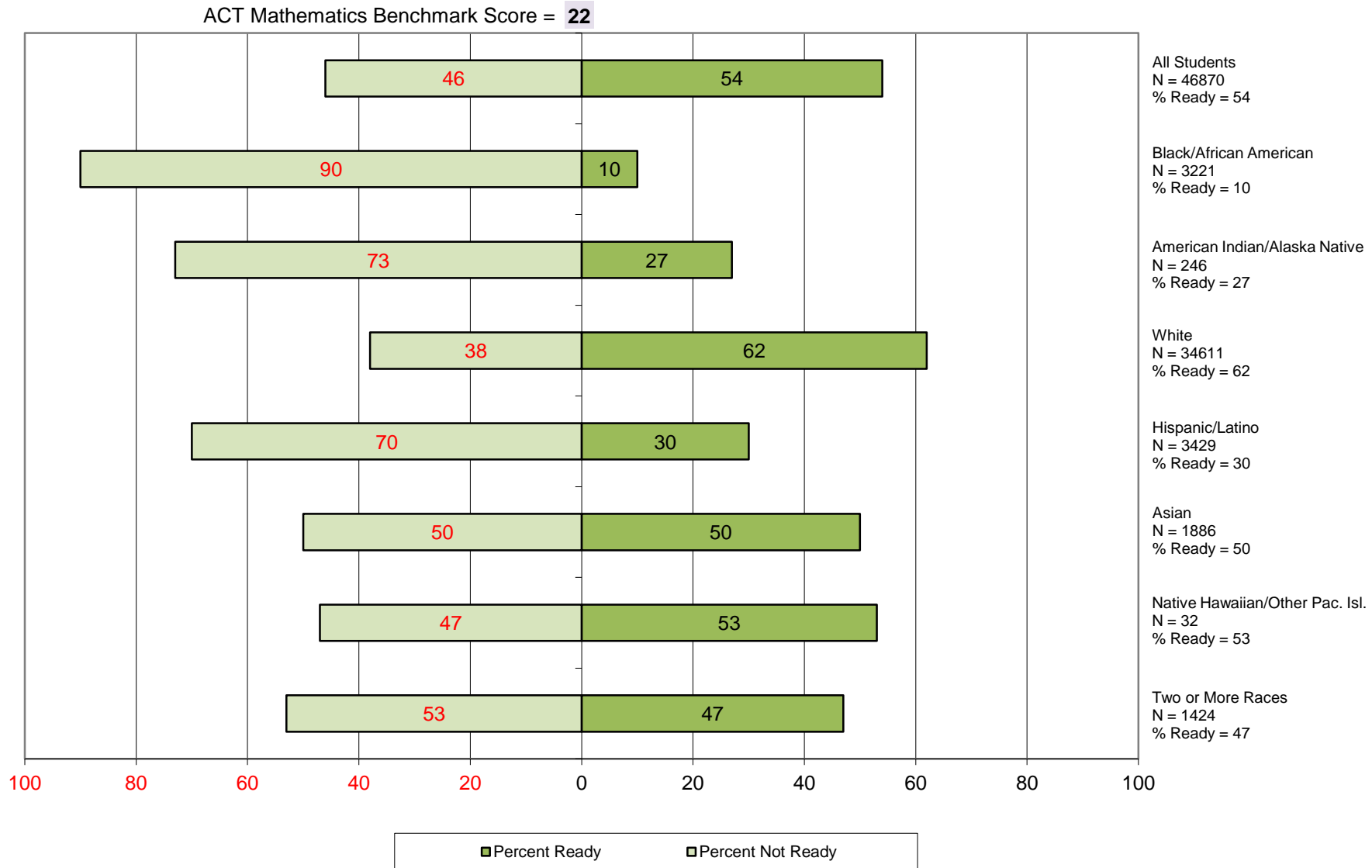


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

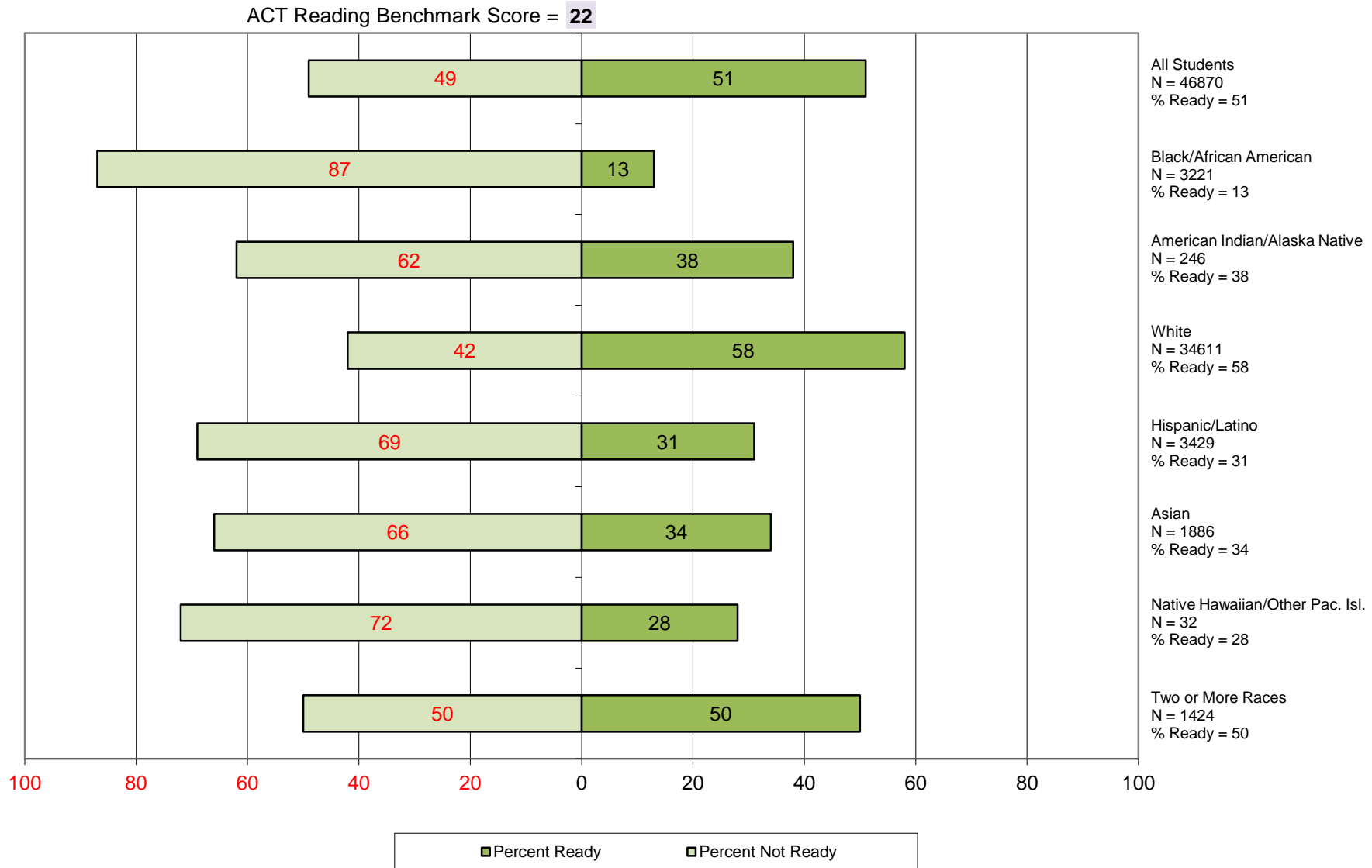


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

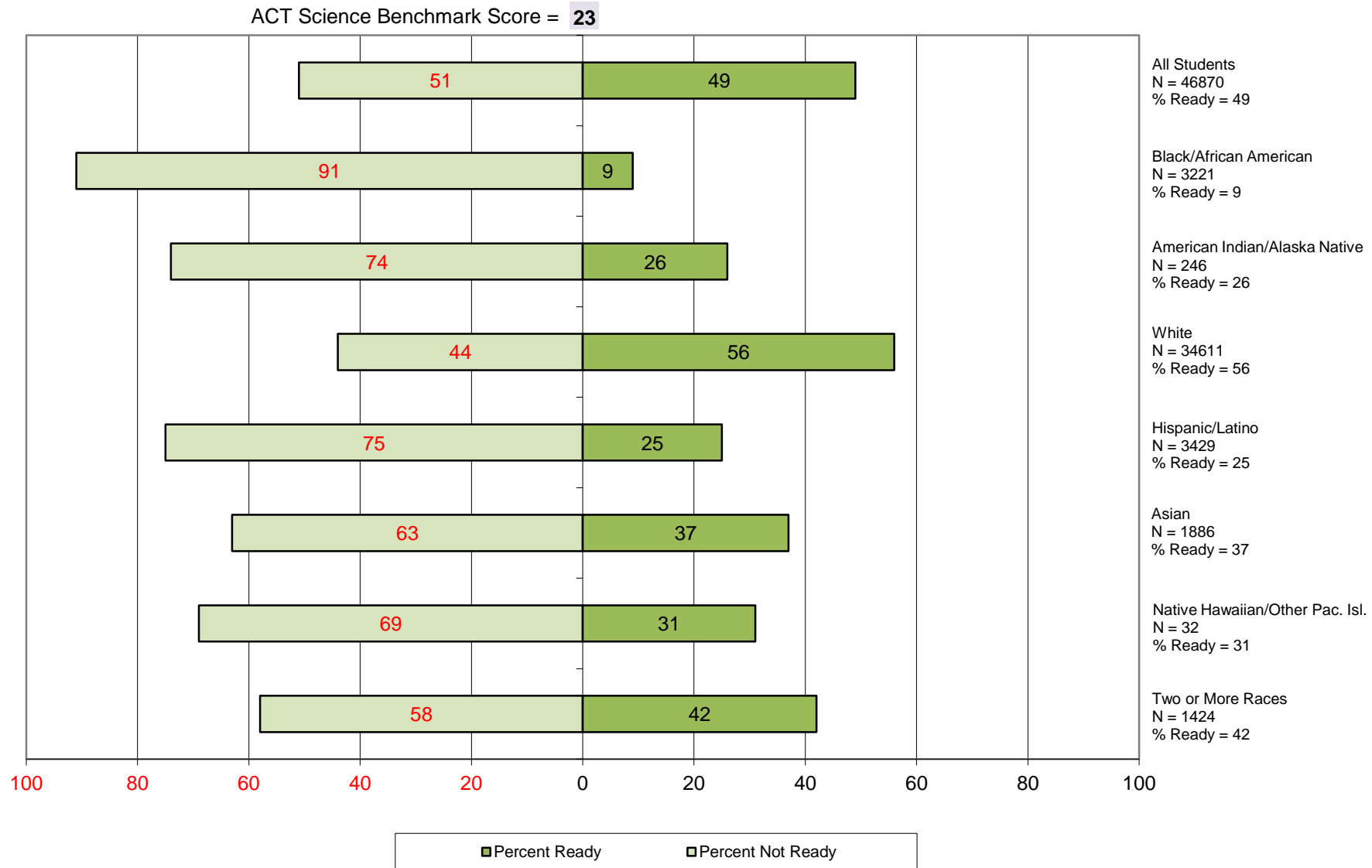
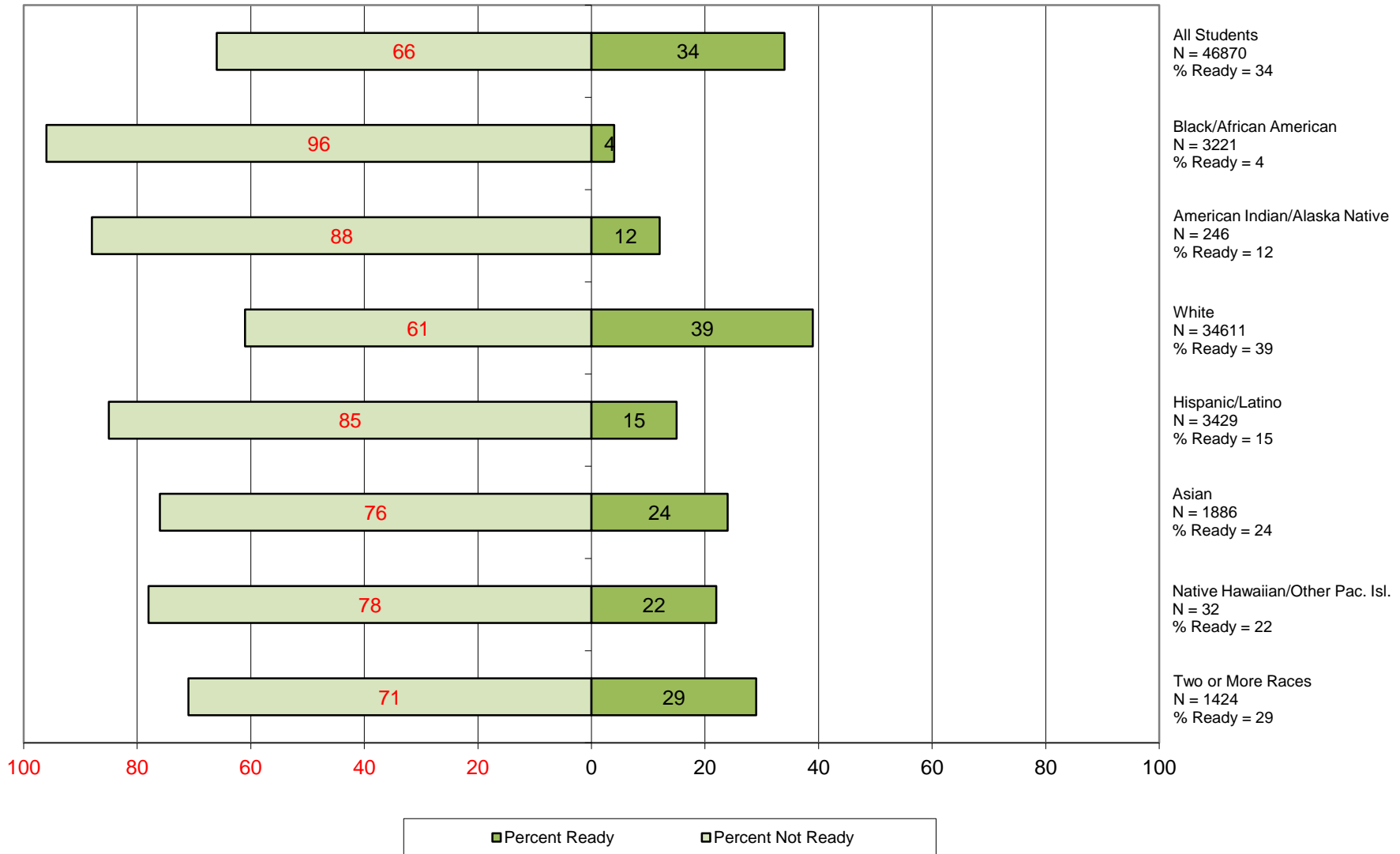


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 46,870

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 ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	14,637	31	22.5	5.2	6,014	28	22.1	5.1	8,612	34	22.8	5.1
Eng 9, Eng 10, Eng 11, Eng 12	28,626	61	21.8	4.5	13,768	64	21.7	4.7	14,842	59	21.8	4.1
Less than 4 years of English	1,852	4	17.3	-	927	4	17.0	-	913	4	17.7	-
Zero years / no English courses reported	1,755	4	15.4	-	873	4	15.7	-	763	3	15.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,107	7	24.4	7.6	1,479	7	25.2	8.1	1,626	6	23.7	7.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,435	12	22.3	5.5	2,101	10	22.9	5.8	3,329	13	21.8	5.2
Alg 1, Alg 2, Geom, & Trig	3,441	7	19.7	2.9	1,452	7	20.4	3.3	1,983	8	19.3	2.7
Alg 1, Alg 2, Geom, & Other Adv Math	6,709	14	21.1	4.3	2,567	12	21.7	4.6	4,141	16	20.7	4.1
Other comb of 4 or more years of Math	16,902	36	24.8	8.0	8,924	41	25.4	8.3	7,972	32	24.1	7.5
Alg 1, Alg 2, & Geom	5,414	12	18.2	1.4	2,231	10	18.6	1.5	3,179	13	17.9	1.3
Other comb of 3 or 3.5 years of Math	2,062	4	21.4	4.6	1,005	5	21.9	4.8	1,057	4	20.9	4.3
Less than 3 years of Math	1,964	4	16.8	-	915	4	17.1	-	1,035	4	16.6	-
Zero years / no Math courses reported	1,836	4	17.3	-	908	4	17.9	-	808	3	16.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,179	3	22.2	0.8	670	3	21.7	0.7	508	2	22.8	1.1
Other comb of 4 or more years Social Science	22,078	47	23.0	1.6	10,139	47	22.8	1.8	11,929	47	23.1	1.4
US Hist, World Hist, & Am Gov	1,925	4	20.7	-0.7	995	5	20.7	-0.3	923	4	20.7	-1.0
Other comb of 3 or 3.5 years of Social Science	13,883	30	22.7	1.3	6,122	28	22.6	1.6	7,752	31	22.8	1.1
Less than 3 years of Social Science	5,983	13	21.4	-	2,744	13	21.0	-	3,230	13	21.7	-
Zero years / no Social Science courses reported	1,822	4	17.5	-	912	4	17.6	-	788	3	17.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	21,877	47	23.4	4.0	11,120	52	24.1	4.8	10,748	43	22.7	3.3
Bio, Chem, Phys	4,898	10	24.6	5.2	2,413	11	25.4	6.1	2,485	10	23.8	4.4
Gen Sci ² , Bio, Chem	12,933	28	21.2	1.8	4,662	22	21.4	2.1	8,259	33	21.1	1.7
Other comb of 3 years of Natural Science	1,040	2	21.3	1.9	628	3	22.1	2.8	412	2	20.1	0.7
Less than 3 years of Natural Science	4,304	9	19.4	-	1,853	9	19.3	-	2,435	10	19.4	-
Zero years / no Natural Science courses reported	1,818	4	17.4	-	906	4	17.9	-	791	3	17.1	-

¹Course 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.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 46,870

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
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	14,637	31	22.5	80	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	28,626	61	21.8	76	1,305,220	71	20.5	65
Less than 4 years of English	1,852	4	17.3	47	88,420	5	15.9	36
Zero years / no English courses reported	1,755	4	15.4	32	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,107	7	24.4	73	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,435	12	22.3	60	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	3,441	7	19.7	35	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	6,709	14	21.1	48	356,555	19	19.4	31
Other comb of 4 or more years of Math	16,902	36	24.8	76	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	5,414	12	18.2	18	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	2,062	4	21.4	49	90,105	5	19.8	35
Less than 3 years of Math	1,964	4	16.8	11	74,627	4	16.4	8
Zero years / no Math courses reported	1,836	4	17.3	16	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,179	3	22.2	50	48,992	3	22.3	50
Other comb of 4 or more years Social Science	22,078	47	23.0	55	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	1,925	4	20.7	40	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	13,883	30	22.7	53	504,877	27	21.3	43
Less than 3 years of Social Science	5,983	13	21.4	44	180,385	10	19.4	32
Zero years / no Social Science courses reported	1,822	4	17.5	23	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	21,877	47	23.4	59	781,043	42	22.1	46
Bio, Chem, Phys	4,898	10	24.6	67	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	12,933	28	21.2	38	505,460	27	20.0	28
Other comb of 3 years of Natural Science	1,040	2	21.3	41	52,236	3	19.2	24
Less than 3 years of Natural Science	4,304	9	19.4	25	220,701	12	18.1	17
Zero years / no Natural Science courses reported	1,818	4	17.4	17	86,928	5	17.7	17

¹Includes 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: 46,870

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 ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture & Natural Resources Conservation	1,060	2	21.0	113	5	18.5	901	2	21.3
Architecture	471	1	21.3	28	1	18.0	424	1	21.6
Area, Ethnic, & Multidisciplinary Studies	56	0	23.4	6	0	15.8	47	0	24.3
Arts: Visual & Performing	2,688	6	21.2	198	8	17.5	2,338	6	21.6
Business	4,575	10	21.8	239	10	17.5	4,128	10	22.1
Communications	751	2	22.2	24	1	17.2	696	2	22.4
Community, Family, & Personal Services	1,157	2	19.2	179	8	17.7	928	2	19.5
Computer Science & Mathematics	1,284	3	23.9	69	3	20.2	1,169	3	24.1
Education	2,750	6	21.6	56	2	17.1	2,614	6	21.7
Engineering	3,468	7	24.6	97	4	17.6	3,220	8	24.8
Engineering Technology & Drafting	551	1	21.2	70	3	18.3	455	1	21.8
English & Foreign Languages	596	1	24.0	11	0	20.2	551	1	24.1
Health Administration & Assisting	1,309	3	19.6	122	5	17.4	1,126	3	20.0
Health Sciences & Technologies	8,465	18	22.3	346	15	18.2	7,863	19	22.5
Philosophy, Religion, & Theology	208	0	22.7	10	0	19.9	182	0	22.8
Repair, Production, & Construction	442	1	19.0	216	9	18.5	187	0	19.5
Sciences: Biological & Physical	3,262	7	24.8	28	1	19.1	3,107	8	24.8
Social Sciences & Law	3,541	8	22.2	97	4	17.6	3,300	8	22.4
Undecided	8,503	18	22.8	350	15	18.4	7,351	18	23.0
No Response	1,708	4	16.7	70	3	13.6	177	0	17.4

¹2-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.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 46,870

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	574	17.8	97	13.8	3	21.3	358	19.6	54	15.6
2-yr College Degree	1,765	17.9	214	14.0	14	17.1	1,167	19.1	192	16.1
Bachelors Degree	26,163	21.6	1,454	16.2	147	19.3	20,500	22.3	1,788	18.9
Graduate Study	6,483	24.6	290	17.7	30	20.6	5,082	25.4	358	21.4
Prof. Level Degree	8,129	24.6	574	18.4	35	21.2	5,759	25.5	634	21.7
Other	521	18.8	75	14.7	2	21.5	283	20.2	52	16.9
No Response	3,235	19.9	517	14.3	15	16.8	1,462	23.1	351	16.6

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	574	17.8	27	15.8	0	.	14	15.8	21	15.4
2-yr College Degree	1,765	17.9	63	15.6	0	.	71	17.6	44	18.0
Bachelors Degree	26,163	21.6	922	19.2	16	18.8	693	21.0	643	21.6
Graduate Study	6,483	24.6	241	23.0	3	21.0	197	24.0	282	25.2
Prof. Level Degree	8,129	24.6	456	24.3	12	23.4	328	23.7	331	25.6
Other	521	18.8	40	18.1	0	.	26	18.1	43	19.3
No Response	3,235	19.9	137	19.5	1	17.0	95	19.4	657	19.1

Total Students in Report: 46,870

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	9,210	4,283	4,927	0	3	8	23	36	26	4
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	6,604	1,884	4,720	2	10	26	32	22	8	1
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	5,200	1,310	3,890	0	2	13	37	34	13	1
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	4,801	1,394	3,407	2	9	25	35	22	7	0
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	4,734	1,211	3,523	1	6	27	39	22	6	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	4,376	1,174	3,202	0	3	17	37	31	12	1
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	3,900	824	3,076	0	1	7	23	38	28	3
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	3,760	1,104	2,656	0	4	23	39	25	8	1
MARQUETTE UNIVERSITY	Wisconsin	3,310	928	2,382	3	7	14	24	31	18	2
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	2,818	678	2,140	1	6	23	38	25	6	0
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	2,755	836	1,919	1	5	20	34	27	12	1
UNIV OF WISCONSIN-STOUT	Wisconsin	1,979	534	1,445	0	5	24	40	23	7	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,313	374	939	2	6	12	24	29	23	3
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,265	434	831	0	4	25	38	24	8	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	1,229	354	875	2	15	34	29	15	5	0
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	1,119	393	726	13	31	32	17	5	2	0
CARROLL UNIVERSITY	Wisconsin	1,111	305	806	1	6	19	34	28	10	1
WINONA STATE UNIVERSITY	Minnesota	968	257	711	0	2	23	43	26	6	1
STATE-COLLEGE/NO REPORTS NOW	Iowa	940	940	0	21	31	22	12	7	5	2
MADISON AREA TECHNICAL COLLEGE	Wisconsin	911	357	554	3	13	34	31	15	4	0
CONCORDIA UNIVERSITY-WI	Wisconsin	865	267	598	1	6	19	35	28	10	1
SAINT NORBERT COLLEGE	Wisconsin	741	192	549	0	2	16	31	35	15	1
CARTHAGE COLLEGE	Wisconsin	720	199	521	1	4	19	37	26	12	1
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	673	238	435	1	10	36	32	16	5	0
EDGEWOOD COLLEGE	Wisconsin	663	195	468	1	9	23	35	25	6	0
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	655	180	475	0	1	16	39	31	11	1
ALVERNO COLLEGE	Wisconsin	591	198	393	9	27	33	20	9	2	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	526	177	349	1	10	40	35	12	2	0
MILWAUKEE INSTITUTE OF ART AND DESIGN	Wisconsin	508	135	373	8	19	26	29	13	6	0
UNIV OF WISCONSIN-FOX VALLEY	Wisconsin	495	161	334	1	5	35	39	12	7	0
All Other Institutions		33,063	9,190	23,873	2	9	20	26	23	16	4
Total		101,803	30,706	71,097	2	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: 46,870

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
All Students	24,727	976,031	23.5	21.3	7.3	7.1	22.5	20.6
Black/African American	1,192	114,263	17.2	16.4	6.4	6.3	16.9	16.3
American Indian/Alaska Native	128	6,408	19.3	16.8	6.6	6.2	18.6	16.5
White	18,737	520,054	24.4	23.1	7.4	7.3	23.2	22.1
Hispanic/Latino	1,656	167,575	20.3	18.5	7.0	6.9	19.8	18.4
Asian	1,159	61,663	21.2	23.7	7.2	7.7	20.7	22.9
Native Hawaiian/Other Pac. Isl.	18	3,742	21.7	17.7	7.3	6.6	21.1	17.6
Two or more races	792	39,565	22.7	21.4	7.2	7.1	21.7	20.7
Prefer not/No Response	1,045	62,761	24.0	21.6	7.2	7.1	22.7	20.9
Males	11,034	438,500	23.4	21.1	7.1	6.9	22.2	20.2
Females	13,649	530,240	23.6	21.6	7.5	7.3	22.7	21.1
Missing	44	7,291	16.6	16.0	4.9	5.9	15.2	15.7

