

ACT Profile Report - State

Graduating Class 2013
Wisconsin



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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.

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

How to Improve Scores and Increase College Readiness

33% 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: 46,574 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. 74% 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, 12% 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, 51% 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.

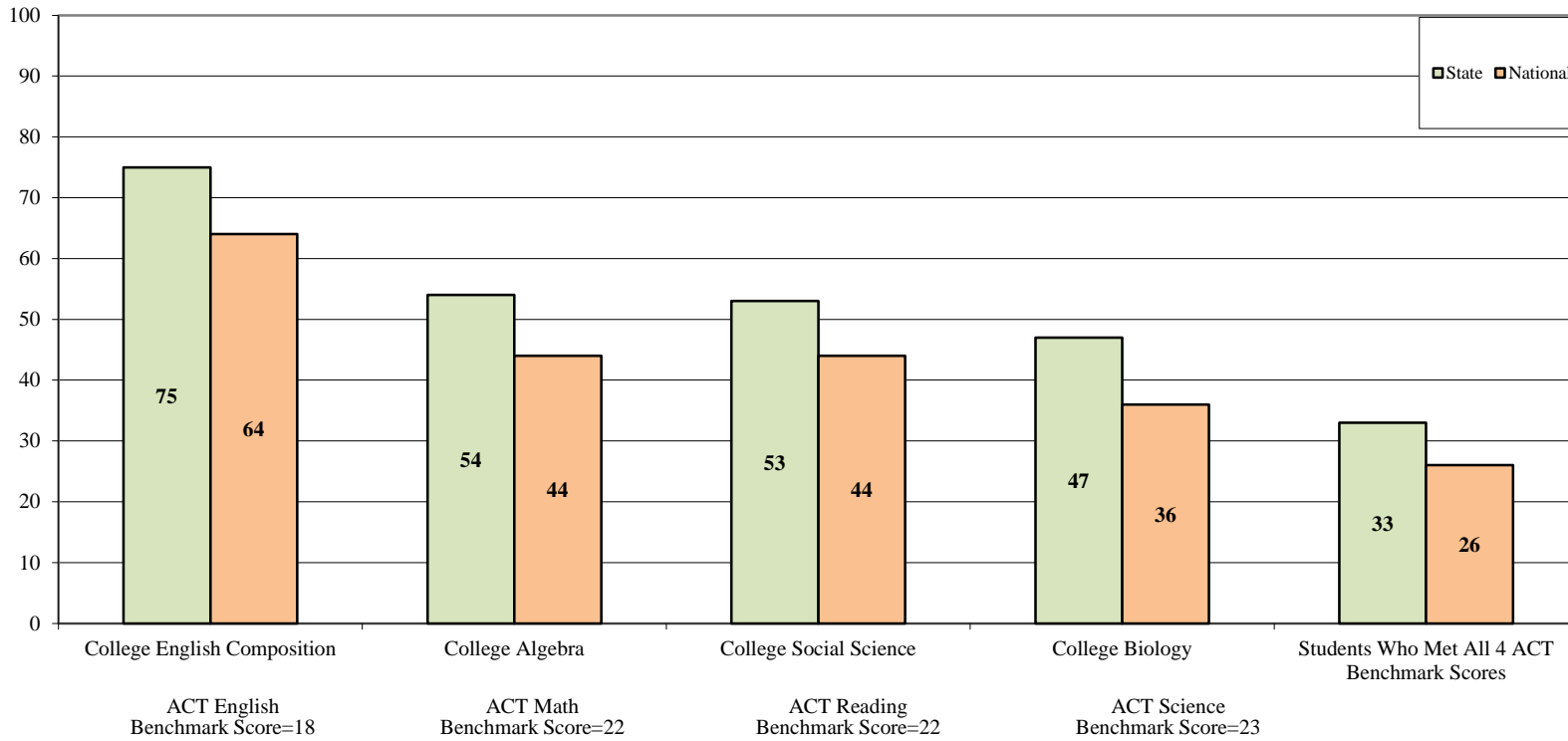
Section I

Executive Summary

Beginning 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.

Total Students in Report: 46,574

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	46,658	1,480,469	77	67	53	42	62	53	37	28	30	23
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

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	46,658	1,480,469	21.7	20.6	22.2	21.0	22.6	21.4	22.3	20.9	22.3	21.1
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

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
2013	1,799,243	20.2	20.9	21.1	20.7	20.9

Total Students in Report: 46,574

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
2009	33,991	11,745	73	25	22.4	20.1	22.9	20.6	23.3	21.2	22.9	21.1	23.0	20.9
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

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.

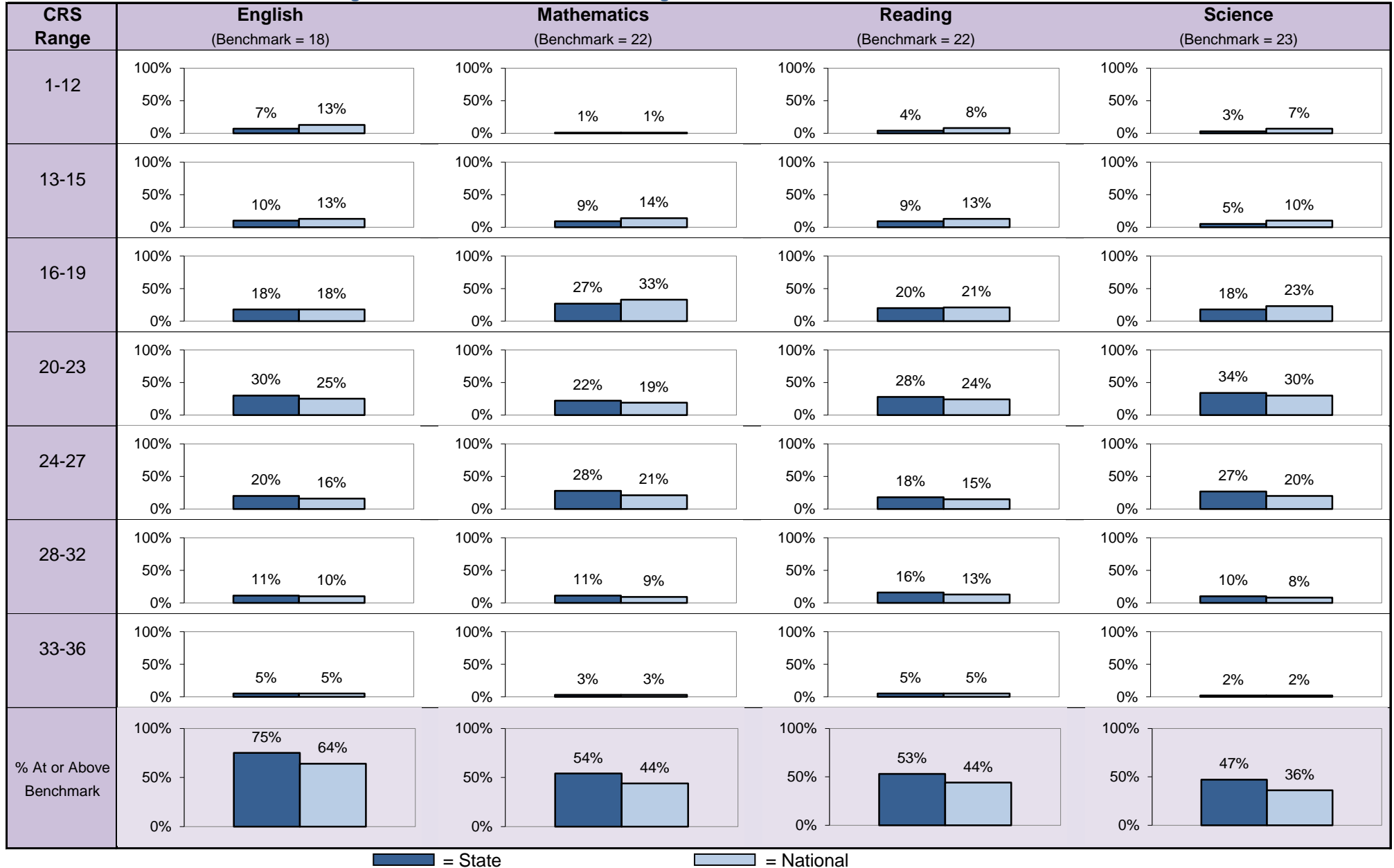
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	46,658	100	22.3	47,755	100	22.1	47,693	100	22.2	47,588	100	22.1	46,574	100	22.1
Black/African American	2,548	5	16.8	3,351	7	16.0	3,528	7	16.2	3,341	7	16.0	3,239	7	16.2
American Indian/Alaska Native	350	1	20.7	331	1	20.2	311	1	20.1	263	1	19.7	250	1	19.8
White	37,801	81	22.9	37,765	79	23.0	37,011	78	23.1	36,261	76	23.0	34,814	75	23.1
Hispanic/Latino	1,412	3	19.7	1,892	4	18.7	2,397	5	19.2	2,930	6	19.1	3,091	7	19.2
Asian	1,681	4	20.3	1,734	4	20.3	1,866	4	20.6	1,824	4	20.2	1,774	4	20.6
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	15	0	20.1	37	0	22.3	46	0	21.1
Two or more races	751	2	21.8	907	2	20.9	970	2	20.9	1,285	3	21.3	1,302	3	21.6
Prefer not to respond/No response	2,115	5	22.9	1,775	4	21.3	1,595	3	21.8	1,647	3	22.4	2,058	4	22.1

Total Students in Report: 46,574

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



Total Students in Report: 46,574

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	45,382	97	21.6	22.1	22.3	22.3	22.2
	Extended Time	1,192	3	16.9	18.4	19.6	19.4	18.7
	Total	46,574	100	21.5	22.0	22.3	22.2	22.1
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	76	55	53	48	34
	Extended Time	43	25	37	26	15
	Total	75	54	53	47	33
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: 46,574

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	173	100	152	100	444	100	206	100	27	100	36
35	458	100	202	100	118	99	326	100	131	100	35
34	758	99	474	99	867	99	265	99	292	100	34
33	812	97	373	98	994	97	293	98	433	99	33
32	615	95	589	97	1,167	95	582	98	639	98	32
31	868	94	564	96	1,667	92	755	96	843	97	31
30	987	92	892	95	1,417	89	979	95	1,154	95	30
29	1,192	90	1,144	93	1,450	86	1,132	93	1,342	92	29
28	1,299	87	1,827	91	1,611	83	1,339	90	1,812	90	28
27	1,579	85	2,622	87	1,760	79	1,764	87	2,212	86	27
26	2,107	81	3,059	81	1,814	75	2,361	84	2,593	81	26
25	2,456	77	3,698	74	1,988	71	4,152	79	3,022	75	25
24	3,334	71	3,761	67	2,969	67	4,503	70	3,432	69	24
23	3,339	64	3,280	58	2,568	61	3,398	60	3,650	61	23
22	2,880	57	2,623	51	3,716	55	4,177	53	3,819	54	22
21	3,937	51	2,462	46	3,151	47	4,615	44	3,628	45	21
20	3,597	42	1,679	40	3,570	41	3,426	34	3,387	38	20
19	2,425	35	2,558	37	2,373	33	3,052	26	3,040	30	19
18	1,968	30	2,723	31	2,765	28	2,251	20	2,647	24	18
17	1,789	25	3,684	26	2,017	22	1,566	15	2,323	18	17
16	2,121	21	3,833	18	2,029	17	1,591	12	1,791	13	16
15	2,092	17	2,552	9	1,780	13	1,048	8	1,440	9	15
14	1,376	12	1,140	4	1,198	9	824	6	1,118	6	14
13	1,052	9	415	1	1,180	7	630	4	880	4	13
12	803	7	188	1	934	4	516	3	578	2	12
11	885	5	42	1	475	2	486	2	247	1	11
10	720	4	22	1	342	1	174	1	57	1	10
9	398	2	11	1	89	1	101	1	21	1	9
8	334	1	4	1	55	1	28	1	10	1	8
7	127	1	0	1	30	1	18	1	6	1	7
6	47	1	1	1	20	1	10	1	0	1	6
5	31	1	0	1	2	1	2	1	0	1	5
4	7	1	0	1	9	1	4	1	0	1	4
3	6	1	0	1	3	1	0	1	0	1	3
2	2	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	2	1	0	1	0	1	1
Avg (SD)	21.5 (6.0)		22.0 (5.1)		22.3 (5.9)		22.2 (4.8)		22.1 (4.9)		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: 46,574

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	1,586	100	848	100	1,501	100	1,470	100	2,106	100	279	100	469	100	18
17	2,238	97	297	98	2,348	97	2,174	97	2,145	95	583	99	75	99	17
16	1,999	92	2,915	98	2,709	92	2,824	92	2,477	91	1,026	98	2,095	99	16
15	2,472	87	3,022	91	3,615	86	3,385	86	3,460	86	2,918	96	3,159	94	15
14	2,722	82	4,080	85	3,327	78	3,544	79	3,512	78	4,766	90	4,477	88	14
13	3,196	76	4,739	76	4,206	71	3,887	71	4,635	71	5,771	79	5,835	78	13
12	3,510	69	6,355	66	5,823	62	4,095	63	4,882	61	6,390	67	7,275	65	12
11	6,045	62	5,094	52	5,140	49	4,873	54	4,769	50	5,666	53	4,880	50	11
10	5,425	49	4,756	41	4,245	38	4,652	44	3,571	40	6,198	41	4,719	39	10
9	4,406	37	5,093	31	4,104	29	3,666	34	3,558	32	4,593	28	5,962	29	9
8	3,679	28	3,458	20	3,712	21	3,819	26	4,035	25	4,394	18	3,335	16	8
7	3,120	20	2,134	13	2,692	13	2,905	18	4,020	16	1,355	9	1,995	9	7
6	2,178	13	1,265	8	1,523	7	2,370	11	1,859	7	1,370	6	939	5	6
5	1,954	9	1,253	5	1,014	3	1,659	6	953	3	411	3	645	3	5
4	1,088	4	766	3	351	1	930	3	393	1	500	2	314	2	4
3	679	2	413	1	154	1	202	1	134	1	244	1	237	1	3
2	245	1	73	1	92	1	111	1	56	1	30	1	93	1	2
1	32	1	13	1	18	1	8	1	9	1	80	1	70	1	1
Avg (SD)	10.7 (3.7)		11.1 (3.2)		11.5 (3.4)		11.2 (3.6)		11.4 (3.5)		11.1 (2.8)		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	26	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	17	17	18	19	19

Total Students in Report: 46,574

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	46,574	74	22.8	20.5
	Black/African American	3,239	54	17.0	15.6
	American Indian/Alaska Native	250	63	20.1	19.6
	White	34,814	78	23.5	21.7
	Hispanic/Latino	3,091	67	20.0	18.0
	Asian	1,774	71	21.4	19.0
	Native Hawaiian/Other Pac. Isl.	46	61	22.3	20.5
	Two or more races	1,302	71	22.3	20.1
	Prefer not/No Response	2,058	61	24.1	20.7
National	All Students	1,799,243	74	21.7	18.7
	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

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	21.5	22.0	22.3	22.2	22.1
	Black/African American	14.9	16.5	16.2	16.6	16.2
	American Indian/Alaska Native	18.7	19.7	20.1	20.1	19.8
	White	22.5	22.8	23.2	23.1	23.1
	Hispanic/Latino	18.0	19.2	19.4	19.6	19.2
	Asian	19.2	21.9	19.8	21.0	20.6
	Native Hawaiian/Other Pac. Isl.	20.5	20.8	21.7	20.8	21.1
	Two or more races	21.0	21.1	22.1	21.6	21.6
	Prefer not/No Response	21.5	21.8	22.6	22.1	22.1
National	All Students	20.2	20.9	21.1	20.7	20.9
	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: 46,574

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	2,201	5	1,201	3	2,423	5	1,090	2
	28 to 32	4,961	11	5,016	11	7,312	16	4,787	10
	24 to 27	9,476	20	13,140	28	8,531	18	12,780	27
	20 to 23	13,753	30	10,044	22	13,005	28	15,616	34
	16 to 19	8,303	18	12,798	27	9,184	20	8,460	18
	13 to 15	4,520	10	4,107	9	4,158	9	2,502	5
	01 to 12	3,360	7	268	1	1,961	4	1,339	3
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	21,397	46	21.2	22.7	22.3	22.9	22.4
	Females	25,062	54	21.7	21.4	22.3	21.7	21.9
	Missing	115	0	12.9	15.7	14.6	15.8	14.9
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	60	53	53	38
	Females	76	49	53	42	30
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 ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	34,523	80	22.3	60	22.7	57	23.0	52	22.9	38	22.8
	Less than Core	10,523	63	19.7	40	20.3	42	20.7	35	20.8	22	20.5
	Missing ³	1,528	29	14.9	16	17.1	24	17.2	17	17.6	8	16.8
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

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	43,614	77	21.8	43,164	57	22.4	39,590	55	22.6	40,872	51	22.7
	Less than Core	1,571	49	17.5	1,957	12	17.1	5,565	47	21.5	4,261	25	19.5
	Missing ³	1,389	30	15.0	1,453	16	17.1	1,419	24	17.3	1,441	17	17.6
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

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

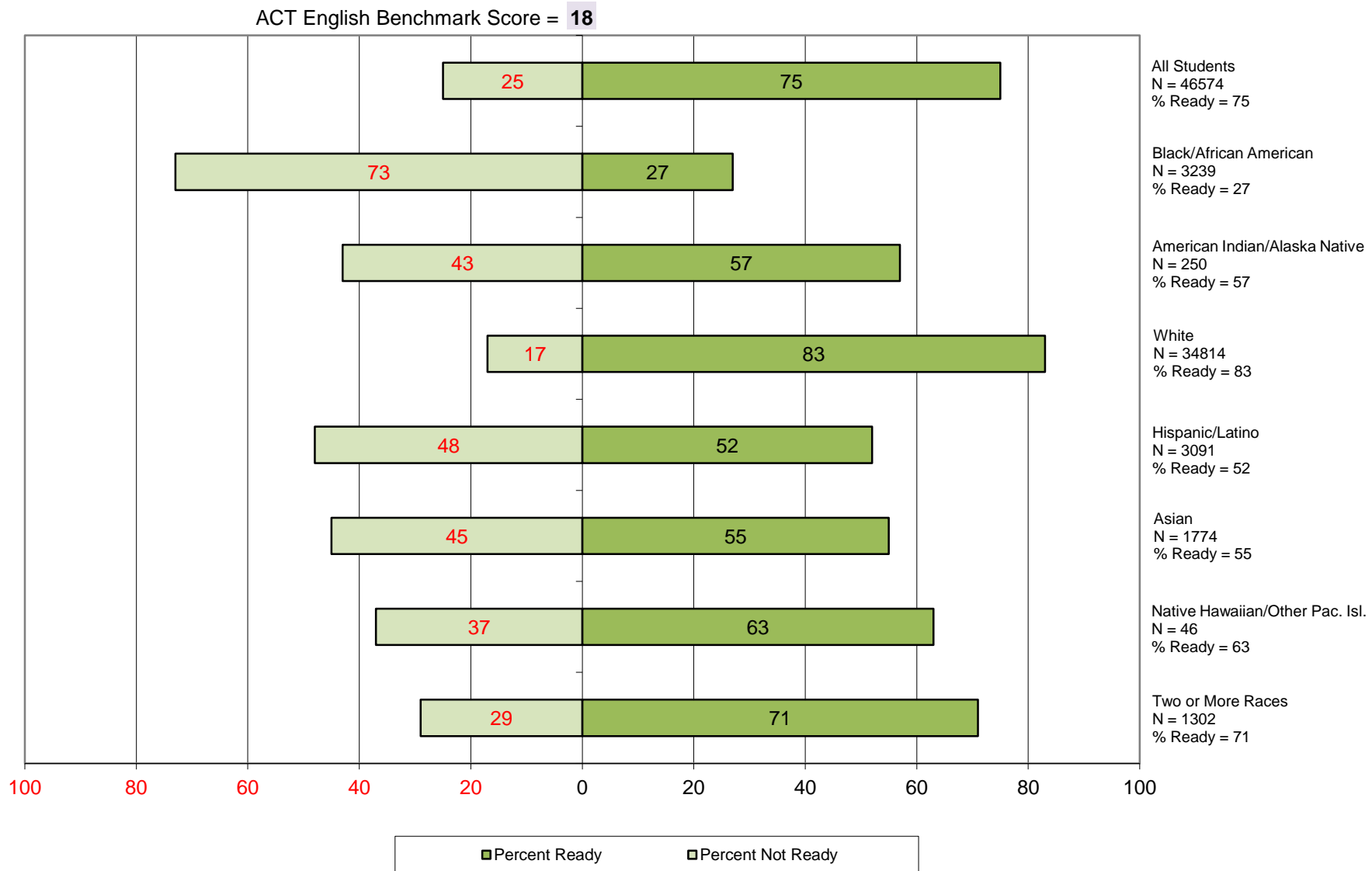


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

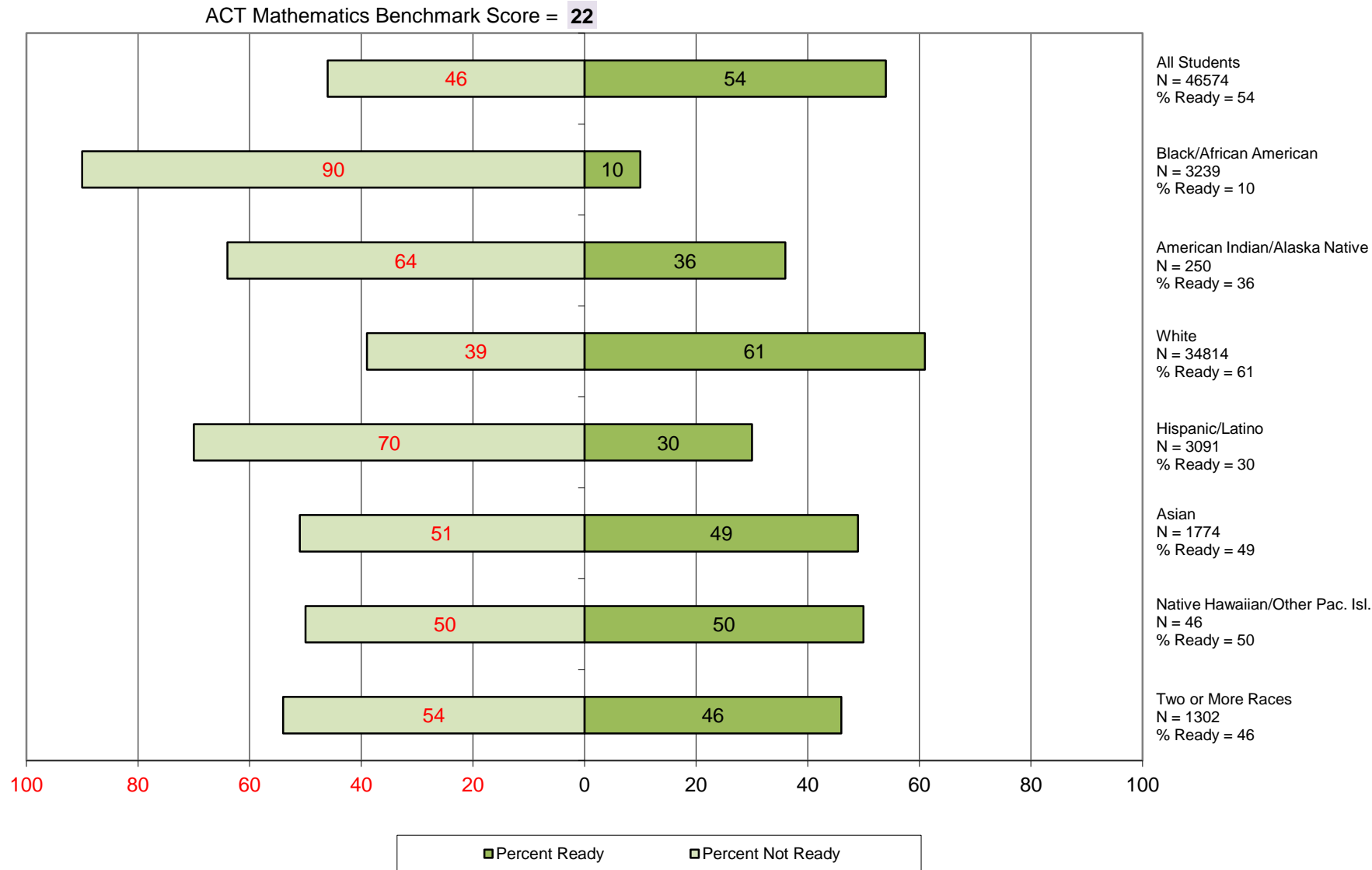
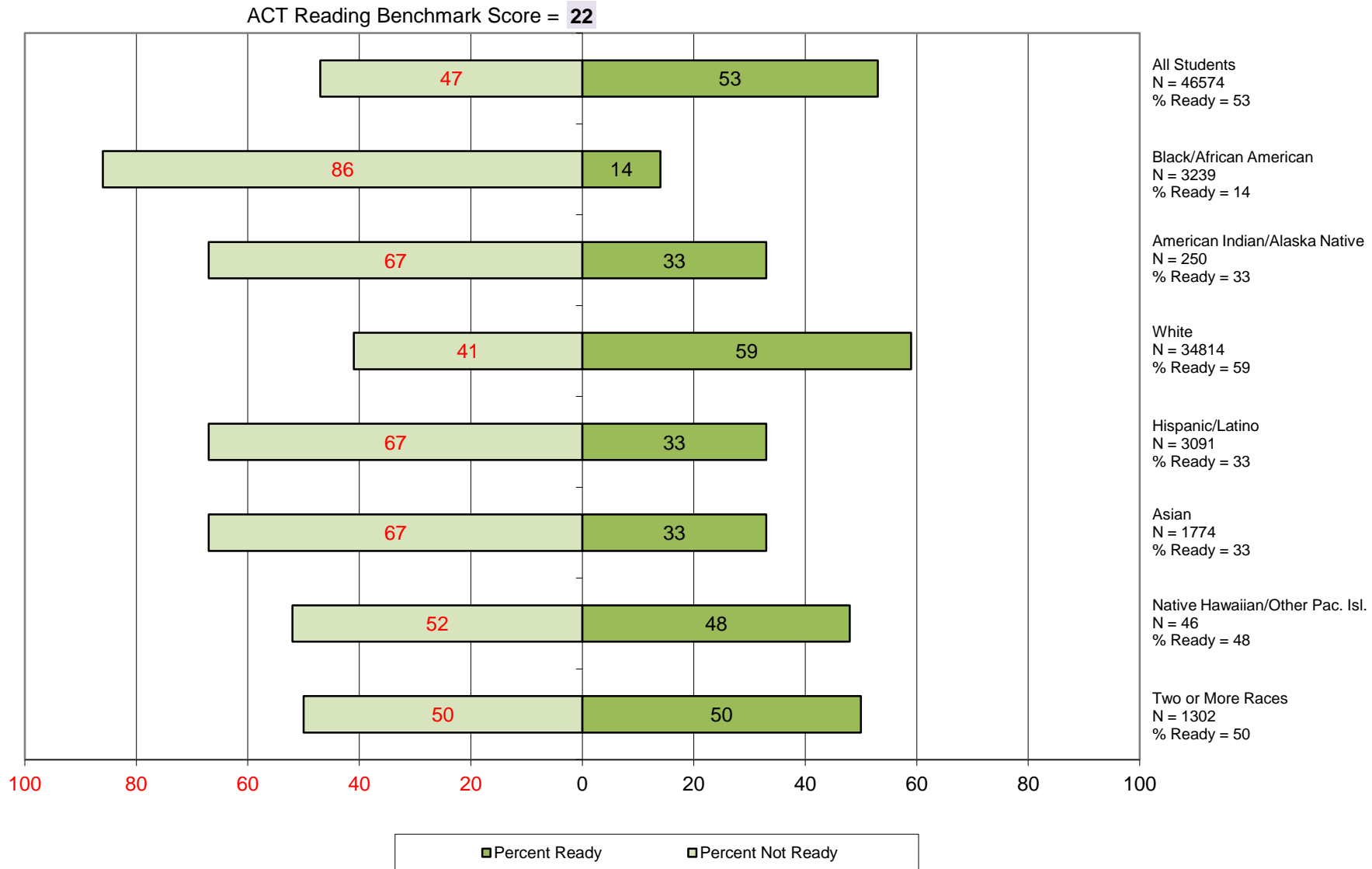
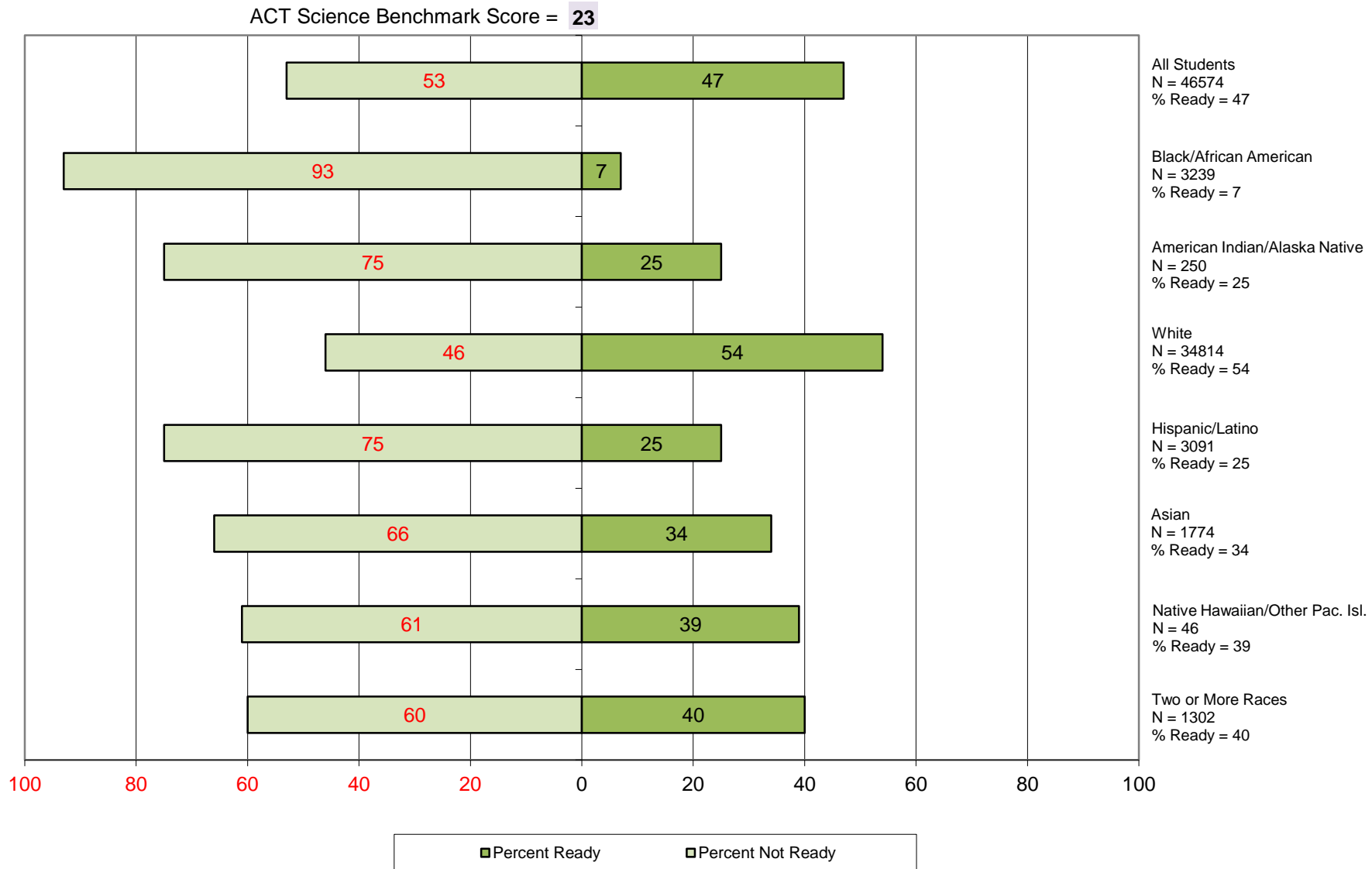


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



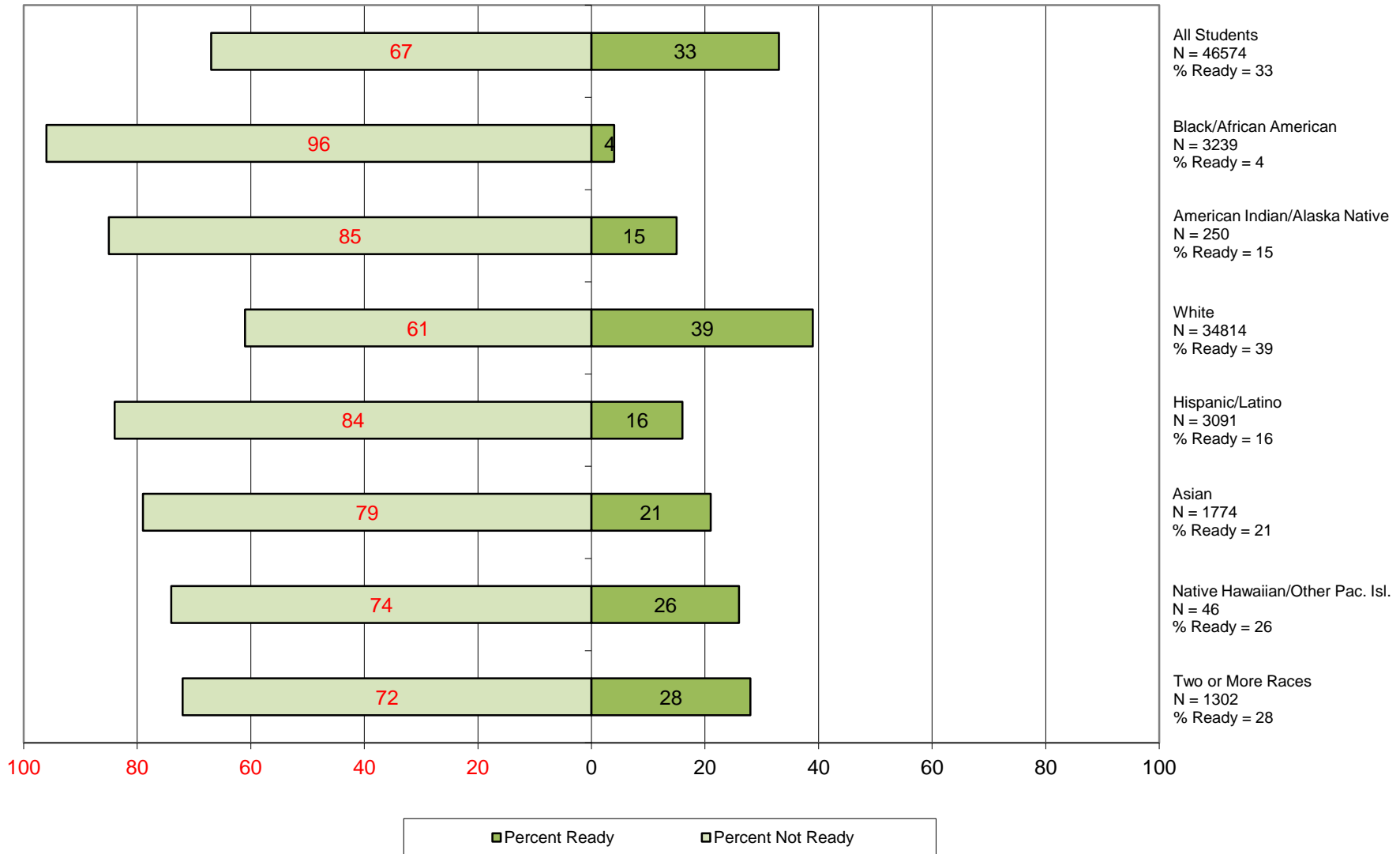
Total Students in Report: 46,574

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



Total Students in Report: 46,574

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



Total Students in Report: 46,574

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	15,225	33	22.4	4.9	6,161	29	22.1	4.5	9,059	36	22.6	4.8
Eng 9, Eng 10, Eng 11, Eng 12	28,389	61	21.5	4.0	13,661	64	21.4	3.8	14,682	59	21.6	3.8
Less than 4 years of English	1,571	3	17.5	-	816	4	17.6	-	725	3	17.8	-
Zero years / no English courses reported	1,389	3	15.0	-	759	4	15.2	-	596	2	14.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,912	6	24.3	7.2	1,380	6	25.0	7.6	1,530	6	23.7	6.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,518	12	22.3	5.2	2,212	10	22.8	5.4	3,302	13	21.9	5.1
Alg 1, Alg 2, Geom, & Trig	3,416	7	20.2	3.1	1,442	7	20.7	3.3	1,967	8	19.9	3.1
Alg 1, Alg 2, Geom, & Other Adv Math	6,662	14	21.1	4.0	2,591	12	21.6	4.2	4,067	16	20.8	4.0
Other comb of 4 or more years of Math	16,809	36	24.6	7.5	8,766	41	25.2	7.8	8,027	32	23.9	7.1
Alg 1, Alg 2, & Geom	5,722	12	18.2	1.1	2,317	11	18.7	1.3	3,395	14	17.9	1.1
Other comb of 3 or 3.5 years of Math	2,125	5	21.3	4.2	1,034	5	21.8	4.4	1,082	4	20.9	4.1
Less than 3 years of Math	1,957	4	17.1	-	871	4	17.4	-	1,060	4	16.8	-
Zero years / no Math courses reported	1,453	3	17.1	-	784	4	17.7	-	632	3	16.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,277	3	21.6	0.1	707	3	21.5	0.1	564	2	21.8	0.2
Other comb of 4 or more years Social Science	22,491	48	22.8	1.3	10,429	49	22.9	1.5	12,041	48	22.7	1.1
US Hist, World Hist, & Am Gov	1,940	4	20.4	-1.1	1,013	5	20.5	-0.9	913	4	20.3	-1.3
Other comb of 3 or 3.5 years of Social Science	13,882	30	22.6	1.1	5,961	28	22.6	1.2	7,904	32	22.6	1.0
Less than 3 years of Social Science	5,565	12	21.5	-	2,519	12	21.4	-	3,025	12	21.6	-
Zero years / no Social Science courses reported	1,419	3	17.3	-	768	4	17.4	-	615	2	17.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	22,016	47	23.3	3.8	11,066	52	24.1	4.5	10,924	44	22.6	3.1
Bio, Chem, Phys	4,503	10	24.4	4.9	2,199	10	25.3	5.7	2,299	9	23.6	4.1
Gen Sci ² , Bio, Chem	13,344	29	21.2	1.7	4,912	23	21.4	1.8	8,411	34	21.0	1.5
Other comb of 3 years of Natural Science	1,009	2	21.3	1.8	629	3	21.7	2.1	378	2	20.6	1.1
Less than 3 years of Natural Science	4,261	9	19.5	-	1,821	9	19.6	-	2,421	10	19.5	-
Zero years / no Natural Science courses reported	1,441	3	17.6	-	770	4	18.0	-	629	3	17.3	-

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: 46,574

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	15,225	33	22.4	80	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	28,389	61	21.5	75	1,265,911	70	20.3	65
Less than 4 years of English	1,571	3	17.5	49	84,048	5	15.9	36
Zero years / no English courses reported	1,389	3	15.0	30	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,912	6	24.3	73	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,518	12	22.3	61	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	3,416	7	20.2	40	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	6,662	14	21.1	48	336,291	19	19.6	32
Other comb of 4 or more years of Math	16,809	36	24.6	75	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	5,722	12	18.2	18	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	2,125	5	21.3	48	88,866	5	19.7	34
Less than 3 years of Math	1,957	4	17.1	12	77,906	4	16.3	7
Zero years / no Math courses reported	1,453	3	17.1	16	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,277	3	21.6	47	50,989	3	22.2	51
Other comb of 4 or more years Social Science	22,491	48	22.8	56	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	1,940	4	20.4	40	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	13,882	30	22.6	55	489,586	27	21.0	43
Less than 3 years of Social Science	5,565	12	21.5	47	171,617	10	19.1	32
Zero years / no Social Science courses reported	1,419	3	17.3	24	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	22,016	47	23.3	57	767,293	43	21.9	46
Bio, Chem, Phys	4,503	10	24.4	66	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	13,344	29	21.2	36	504,165	28	19.9	28
Other comb of 3 years of Natural Science	1,009	2	21.3	39	51,822	3	19.1	25
Less than 3 years of Natural Science	4,261	9	19.5	25	218,267	12	18.0	17
Zero years / no Natural Science courses reported	1,441	3	17.6	17	74,011	4	17.8	18

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: 46,574

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	1,078	2	21.3	87	4	19.0	932	2	21.5
Architecture	482	1	21.6	24	1	16.5	438	1	22.0
Area, Ethnic, & Multidisciplinary Studies	56	0	22.4	2	0	23.5	50	0	22.6
Arts: Visual & Performing	2,738	6	21.1	182	8	17.4	2,402	6	21.5
Business	4,393	9	21.7	237	10	17.3	3,982	10	22.0
Communications	762	2	22.2	32	1	18.1	701	2	22.5
Community, Family, & Personal Services	1,168	3	19.0	165	7	16.8	956	2	19.4
Computer Science & Mathematics	1,216	3	23.8	84	4	19.4	1,063	3	24.1
Education	2,876	6	21.6	56	2	16.8	2,728	7	21.7
Engineering	3,142	7	24.5	89	4	18.0	2,932	7	24.7
Engineering Technology & Drafting	560	1	21.1	67	3	18.2	473	1	21.6
English & Foreign Languages	645	1	24.4	10	0	17.9	597	1	24.5
Health Administration & Assisting	1,363	3	19.3	140	6	17.5	1,155	3	19.6
Health Sciences & Technologies	8,461	18	22.3	327	14	18.1	7,887	19	22.5
Philosophy, Religion, & Theology	207	0	22.9	6	0	19.3	189	0	22.9
Repair, Production, & Construction	400	1	18.9	201	9	18.4	167	0	19.5
Sciences: Biological & Physical	3,110	7	24.8	33	1	18.3	2,959	7	24.9
Social Sciences & Law	3,555	8	22.2	102	4	17.6	3,313	8	22.3
Undecided	8,747	19	22.7	419	18	18.4	7,509	18	22.9
No Response	1,589	3	16.8	57	2	13.4	156	0	16.5

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: 46,574

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	553	17.9	78	13.9	2	16.0	351	19.3	61	15.3
2-yr College Degree	1,771	17.8	210	14.0	13	17.3	1,186	19.0	187	15.8
Bachelors Degree	26,286	21.5	1,517	16.2	142	19.5	20,724	22.2	1,557	19.0
Graduate Study	6,314	24.6	242	17.7	33	21.9	5,074	25.2	319	21.2
Prof. Level Degree	8,008	24.4	647	17.8	39	21.4	5,623	25.5	587	21.5
Other	500	18.9	68	14.1	4	15.8	290	20.7	66	16.7
No Response	3,142	20.3	477	14.6	17	17.0	1,566	22.9	314	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	553	17.9	28	18.1	1	23.0	12	16.6	20	16.9
2-yr College Degree	1,771	17.8	61	15.8	1	20.0	50	17.2	63	16.0
Bachelors Degree	26,286	21.5	910	19.0	25	21.2	694	20.9	717	21.7
Graduate Study	6,314	24.6	206	23.0	5	21.8	174	23.3	261	25.4
Prof. Level Degree	8,008	24.4	415	24.2	7	26.3	286	23.6	404	25.5
Other	500	18.9	31	18.4	1	16.0	12	17.8	28	18.3
No Response	3,142	20.3	123	19.7	6	14.7	74	20.9	565	19.9

Total Students in Report: 46,574

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	9,121	4,293	4,828	1	3	8	25	36	24	4
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	6,864	1,979	4,885	3	10	25	34	21	7	0
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	5,301	1,364	3,937	0	2	13	38	34	12	1
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	4,923	1,251	3,672	1	6	26	41	21	5	0
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	4,765	1,316	3,449	2	8	25	37	22	6	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	4,486	1,156	3,330	0	2	16	40	30	11	1
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	4,004	1,139	2,865	0	4	24	40	24	7	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	3,608	754	2,854	0	1	7	24	39	25	3
MARQUETTE UNIVERSITY	Wisconsin	3,247	895	2,352	3	8	14	26	29	18	2
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	3,088	776	2,312	1	5	24	40	24	6	0
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	2,666	838	1,828	1	4	19	37	27	11	1
UNIV OF WISCONSIN-STOUT	Wisconsin	1,940	524	1,416	1	4	26	41	22	6	0
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,271	397	874	0	6	25	40	23	6	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	1,264	378	886	3	15	33	30	14	4	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,172	312	860	2	4	11	25	33	21	3
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	1,137	466	671	15	32	30	17	5	1	0
CARROLL UNIVERSITY	Wisconsin	1,133	340	793	1	6	21	38	25	8	1
WINONA STATE UNIVERSITY	Minnesota	976	251	725	0	3	24	40	27	6	0
MADISON AREA TECHNICAL COLLEGE	Wisconsin	890	326	564	3	11	34	35	14	3	0
CONCORDIA UNIVERSITY-WI	Wisconsin	822	236	586	2	7	22	35	24	10	1
CARTHAGE COLLEGE	Wisconsin	793	203	590	1	6	22	31	27	13	1
EDGEWOOD COLLEGE	Wisconsin	745	202	543	1	8	23	37	23	8	0
SAINT NORBERT COLLEGE	Wisconsin	734	204	530	0	2	14	34	33	16	1
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	723	224	499	2	10	35	35	16	2	0
ALVERNO COLLEGE	Wisconsin	639	240	399	11	27	34	20	7	2	0
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	567	122	445	0	3	16	35	32	14	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	545	545	0	23	40	22	9	5	1	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	502	167	335	2	10	42	32	13	1	0
UNIV OF WISCONSIN-FOX VALLEY	Wisconsin	498	156	342	0	6	31	36	22	5	0
VITERBO UNIVERSITY	Wisconsin	476	114	362	0	4	22	37	28	8	1
All Other Institutions		32,553	9,012	23,541	3	9	20	26	23	16	3
Total		101,453	30,180	71,273	2	7	20	31	25	13	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: 46,574

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	24,540	942,769	23.4	21.3	7.2	7.0	22.3	20.5
Black/African American	1,060	114,751	17.7	16.3	6.3	6.1	17.3	16.0
American Indian/Alaska Native	118	6,031	20.3	16.8	6.7	6.1	19.5	16.4
White	19,014	518,407	24.1	22.9	7.3	7.2	22.9	21.9
Hispanic/Latino	1,435	151,504	20.2	18.6	7.0	6.8	19.7	18.3
Asian	1,113	54,580	20.8	23.5	7.2	7.6	20.3	22.7
Native Hawaiian/Other Pac. Isl.	23	2,812	21.6	19.5	6.6	6.9	20.3	19.2
Two or more races	741	35,355	22.8	21.5	7.1	7.0	21.7	20.6
Prefer not/No Response	1,036	59,329	24.9	21.8	7.4	7.1	23.5	20.9
Males	11,020	423,104	23.3	21.0	7.0	6.7	22.0	20.1
Females	13,515	513,945	23.5	21.6	7.4	7.2	22.6	20.9
Missing	5	5,720	22.0	16.6	5.8	6.3	20.0	16.5

