

ACT Profile Report - State

Graduating Class 2014

Arkansas



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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

21% 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: 26,821 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. 83% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 3% of the cohort took less than three years of math courses. Of these students, 6% were college ready. 9% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 7% of these students were college ready. In comparison, 40% 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 8% of the cohort took less than three years of natural science courses. 7% of these students were college ready. In comparison, 34% 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 56% 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

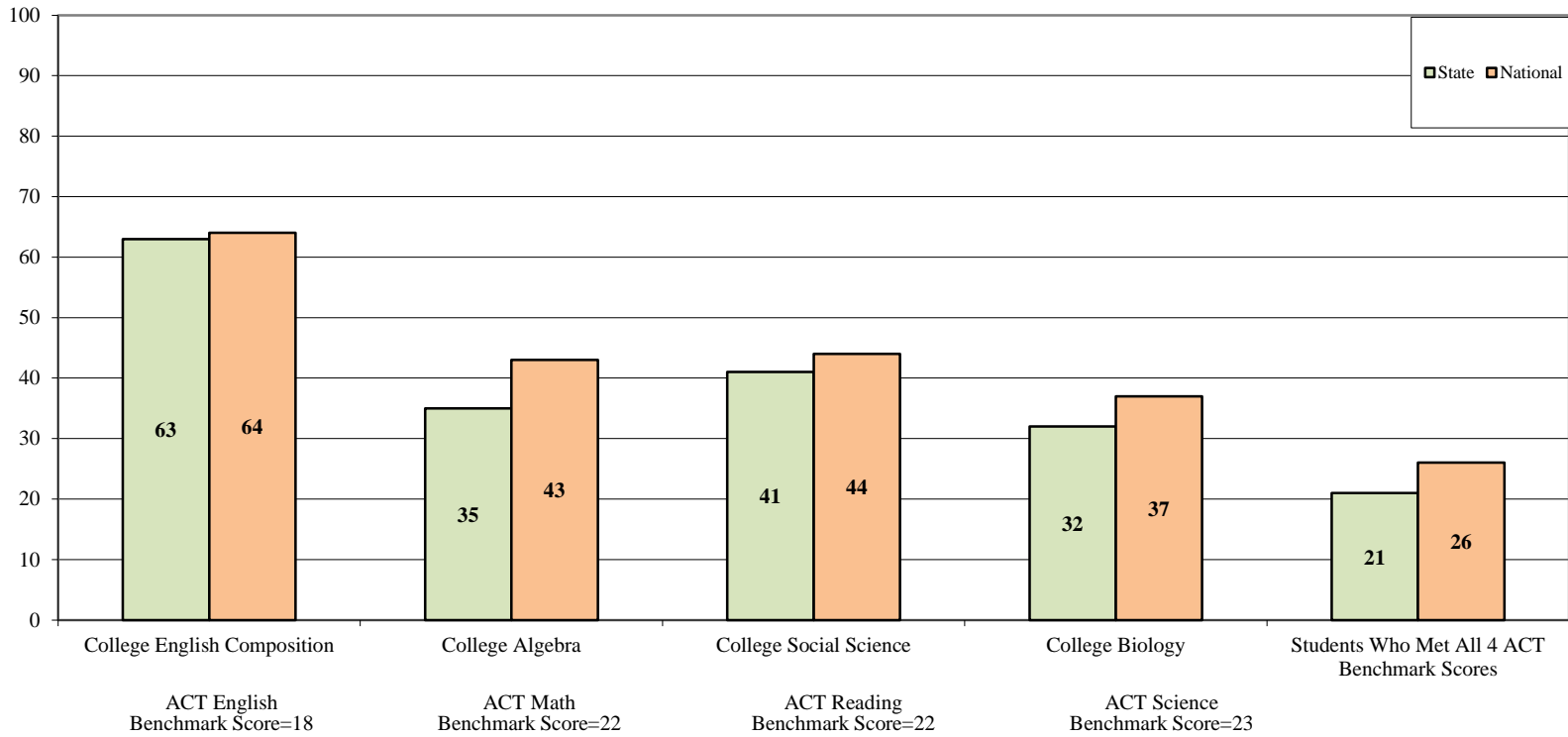
Executive Summary

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: 26,821

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	24,578	1,568,835	64	66	35	43	47	52	23	29	18	24
2011	27,020	1,623,112	61	66	33	45	44	52	21	30	17	25
2012	26,058	1,666,017	64	67	36	46	48	52	23	31	19	25
2013	25,875	1,799,243	63	64	35	44	39	44	29	36	20	26
2014	26,821	1,845,787	63	64	35	43	41	44	32	37	21	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	24,578	1,568,835	20.1	20.5	19.9	21.0	20.6	21.3	20.2	20.9	20.3	21.0
2011	27,020	1,623,112	19.6	20.6	19.7	21.1	20.2	21.3	19.8	20.9	19.9	21.1
2012	26,058	1,666,017	20.0	20.5	20.0	21.1	20.6	21.3	20.1	20.9	20.3	21.1
2013	25,875	1,799,243	19.9	20.2	19.9	20.9	20.5	21.1	20.1	20.7	20.2	20.9
2014	26,821	1,845,787	20.1	20.3	19.9	20.9	20.8	21.3	20.3	20.8	20.4	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

Total Students in Report: 26,821

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	18,829	4,431	77	18	21.2	16.2	20.7	17.3	21.5	17.4	21.0	17.4	21.2	17.2
2011	20,015	5,275	74	20	20.9	15.8	20.5	17.1	21.2	17.1	20.7	17.0	21.0	16.9
2012	21,175	4,155	81	16	21.0	16.2	20.6	17.3	21.3	17.6	20.7	17.5	21.0	17.3
2013	21,049	3,962	81	15	20.8	16.3	20.5	17.4	21.3	17.5	20.8	17.4	21.0	17.3
2014	22,335	3,538	83	13	21.0	16.0	20.5	17.2	21.5	17.4	20.9	17.3	21.1	17.1

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.

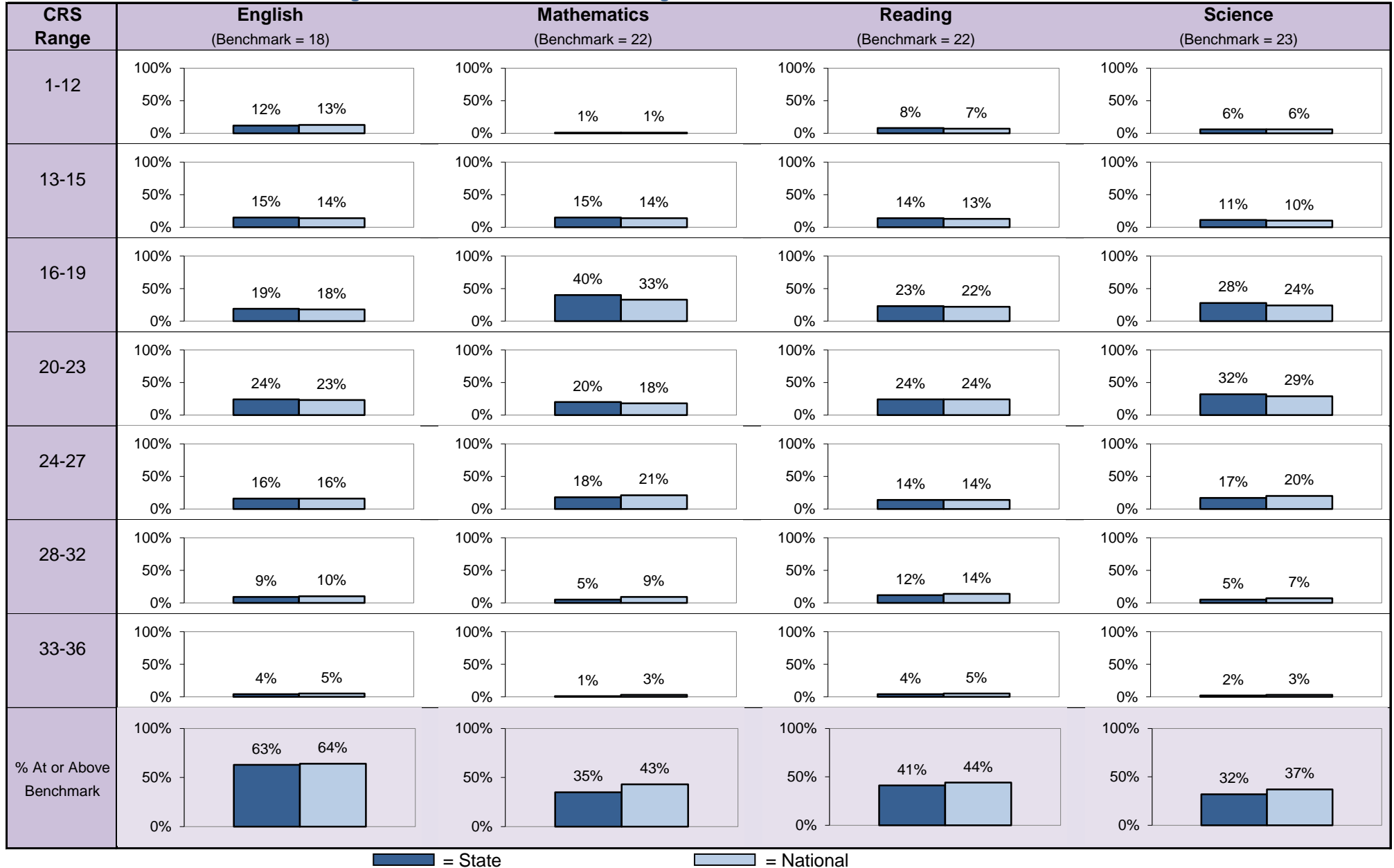
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	24,578	100	20.3	27,020	100	19.9	26,058	100	20.3	25,875	100	20.2	26,821	100	20.4
Black/African American	4,415	18	16.6	4,880	18	16.6	4,677	18	16.9	4,403	17	16.7	4,452	17	16.9
American Indian/Alaska Native	269	1	20.6	274	1	19.8	178	1	19.7	161	1	19.5	138	1	19.8
White	17,027	69	21.4	17,526	65	21.1	17,282	66	21.4	16,784	65	21.4	17,181	64	21.6
Hispanic/Latino	1,116	5	18.6	1,666	6	18.5	1,776	7	18.7	2,005	8	18.9	2,179	8	18.8
Asian	462	2	22.0	492	2	21.4	433	2	21.3	416	2	22.1	466	2	22.3
Native Hawaiian/Other Pacific Islander	0	0	.	19	0	19.3	28	0	18.9	37	0	18.2	54	0	17.2
Two or more races	367	1	20.3	601	2	20.6	758	3	20.7	920	4	20.8	942	4	20.8
Prefer not to respond/No response	922	4	19.4	1,562	6	18.1	926	4	19.3	1,149	4	19.0	1,409	5	19.1

Total Students in Report: 26,821

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



Total Students in Report: 26,821

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	26,139	97	20.2	20.0	20.9	20.4	20.5
	Extended Time	682	3	15.4	16.9	17.5	17.2	16.9
	Total	26,821	100	20.1	19.9	20.8	20.3	20.4
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	64	35	42	32	21
	Extended Time	32	14	24	17	10
	Total	63	35	41	32	21
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: 26,821

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	79	100	15	100	144	100	100	100	9	100	36
35	318	100	70	100	131	99	132	100	40	100	35
34	386	99	93	100	313	99	158	99	114	100	34
33	390	97	119	99	458	98	102	99	201	99	33
32	339	96	104	99	694	96	173	98	279	99	32
31	332	94	143	99	693	94	272	98	304	98	31
30	432	93	281	98	592	91	284	97	436	96	30
29	648	92	369	97	584	89	212	95	522	95	29
28	577	89	563	96	730	87	422	95	706	93	28
27	791	87	771	93	766	84	812	93	834	90	27
26	912	84	1,134	91	825	81	677	90	966	87	26
25	1,177	81	1,455	86	900	78	1,521	88	1,254	84	25
24	1,512	76	1,494	81	1,393	75	1,543	82	1,433	79	24
23	1,310	71	1,530	75	1,302	69	2,043	76	1,534	74	23
22	1,639	66	1,222	70	1,538	64	2,225	68	1,730	68	22
21	1,792	60	1,279	65	2,221	59	1,782	60	1,923	61	21
20	1,772	53	1,336	60	1,469	50	2,460	54	2,064	54	20
19	1,415	46	1,748	55	2,046	45	2,481	44	2,101	47	19
18	1,160	41	2,160	49	1,415	37	1,616	35	1,922	39	18
17	1,131	37	3,140	41	1,553	32	1,791	29	1,872	32	17
16	1,376	32	3,622	29	1,257	26	1,604	22	1,826	25	16
15	1,754	27	2,600	16	1,390	22	1,026	16	1,629	18	15
14	1,340	21	1,079	6	1,300	16	1,003	13	1,270	12	14
13	955	16	355	2	1,080	12	792	9	1,005	7	13
12	859	12	87	1	964	8	598	6	594	3	12
11	892	9	39	1	541	4	562	4	202	1	11
10	760	6	10	1	311	2	235	2	42	1	10
9	391	3	1	1	104	1	113	1	5	1	9
8	260	1	1	1	45	1	63	1	2	1	8
7	93	1	0	1	34	1	13	1	1	1	7
6	20	1	0	1	16	1	2	1	1	1	6
5	2	1	0	1	3	1	3	1	0	1	5
4	4	1	1	1	6	1	1	1	0	1	4
3	2	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	1	1	0	1	1	1	0	1	0	1	1
Avg (SD)	20.1 (6.4)		19.9 (4.6)		20.8 (6.1)		20.3 (5.0)		20.4 (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: 26,821

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	845	100	233	100	445	100	680	100	391	100	76	100	66	100	18
17	1,187	97	423	99	1,073	98	1,588	97	579	99	148	100	56	100	17
16	802	92	1,182	98	1,381	94	1,421	92	864	96	308	99	483	100	16
15	1,150	89	1,746	93	1,108	89	1,581	86	1,090	93	831	98	910	98	15
14	1,086	85	1,813	87	1,866	85	1,152	80	1,718	89	1,805	95	1,466	94	14
13	1,776	81	2,301	80	2,202	78	1,921	76	2,081	83	2,067	88	1,747	89	13
12	1,660	74	2,299	71	2,711	70	2,066	69	2,907	75	2,968	80	2,684	82	12
11	2,699	68	2,970	63	2,290	60	2,430	61	2,252	64	3,000	69	3,829	72	11
10	2,861	58	2,637	52	2,535	51	2,262	52	2,312	56	4,619	58	3,567	58	10
9	2,688	48	3,027	42	2,484	42	3,509	44	2,499	47	3,629	41	4,808	45	9
8	2,250	38	2,576	31	3,345	33	1,937	31	3,336	38	3,481	27	3,215	27	8
7	2,176	29	1,722	21	2,240	20	1,771	23	3,603	25	1,648	14	1,830	15	7
6	1,982	21	1,339	15	1,543	12	1,779	17	1,876	12	1,215	8	714	8	6
5	1,892	14	1,337	10	992	6	1,488	10	827	5	394	4	732	5	5
4	966	7	865	5	343	2	861	5	325	2	371	2	300	3	4
3	631	3	309	1	160	1	267	1	116	1	209	1	265	2	3
2	155	1	34	1	86	1	97	1	39	1	10	1	84	1	2
1	15	1	8	1	17	1	11	1	6	1	42	1	65	1	1
Avg (SD)	9.9 (3.9)		10.3 (3.4)		10.6 (3.5)		10.6 (3.8)		10.2 (3.3)		10.1 (2.7)		10.0 (2.7)		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)	24	23	25	23	24
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	17

Total Students in Report: 26,821

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	26,821	83	21.1	17.1
	Black/African American	4,452	78	17.4	15.2
	American Indian/Alaska Native	138	85	20.3	17.0
	White	17,181	87	22.1	17.9
	Hispanic/Latino	2,179	84	19.3	16.5
	Asian	466	88	22.7	19.8
	Native Hawaiian/Other Pac. Isl.	54	72	18.0	16.0
	Two or more races	942	89	21.2	18.0
	Prefer not/No Response	1,409	50	21.2	16.9
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	20.1	19.9	20.8	20.3	20.4
	Black/African American	15.9	17.0	17.0	17.1	16.9
	American Indian/Alaska Native	19.3	19.8	20.2	19.6	19.8
	White	21.6	20.8	22.1	21.3	21.6
	Hispanic/Latino	18.0	19.0	18.9	19.0	18.8
	Asian	21.6	23.3	21.5	22.2	22.3
	Native Hawaiian/Other Pac. Isl.	15.9	17.7	16.7	17.7	17.2
	Two or more races	20.5	19.9	21.6	20.7	20.8
	Prefer not/No Response	18.4	18.9	19.5	19.2	19.1
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: 26,821

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

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,173	4	297	1	1,046	4	492	2
	28 to 32	2,328	9	1,460	5	3,293	12	1,363	5
	24 to 27	4,392	16	4,854	18	3,884	14	4,553	17
	20 to 23	6,513	24	5,367	20	6,530	24	8,510	32
	16 to 19	5,082	19	10,670	40	6,271	23	7,492	28
	13 to 15	4,049	15	4,034	15	3,770	14	2,821	11
	01 to 12	3,284	12	139	1	2,027	8	1,590	6
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	12,124	45	19.9	20.4	20.7	20.7	20.6
	Females	14,070	52	20.5	19.6	21.1	20.1	20.4
	Missing	627	2	15.9	17.8	17.0	17.4	17.2
National	Males	856,651	46	20.0	21.4	21.1	21.2	21.1
	Females	977,127	53	20.7	20.5	21.5	20.5	20.9
	Missing	12,009	1	15.7	17.8	17.3	17.4	17.2

Table 2.8. Percent of Students Who Met College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	61	39	41	36	24
	Females	67	32	43	29	20
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 26,821

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	22,335	69	21.0	39	20.5	46	21.5	35	20.9	24	21.1
	Less than Core	3,538	35	16.0	13	17.2	20	17.4	12	17.3	5	17.1
	Missing ³	948	30	15.0	14	17.1	19	16.6	14	16.9	8	16.5
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	25,221	65	20.4	25,197	37	20.1	24,678	43	21.1	23,935	34	20.7
	Less than Core	811	37	16.2	733	6	15.9	1,313	18	17.1	2,056	7	16.6
	Missing ³	789	33	15.6	891	14	17.1	830	21	17.0	830	16	17.2
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

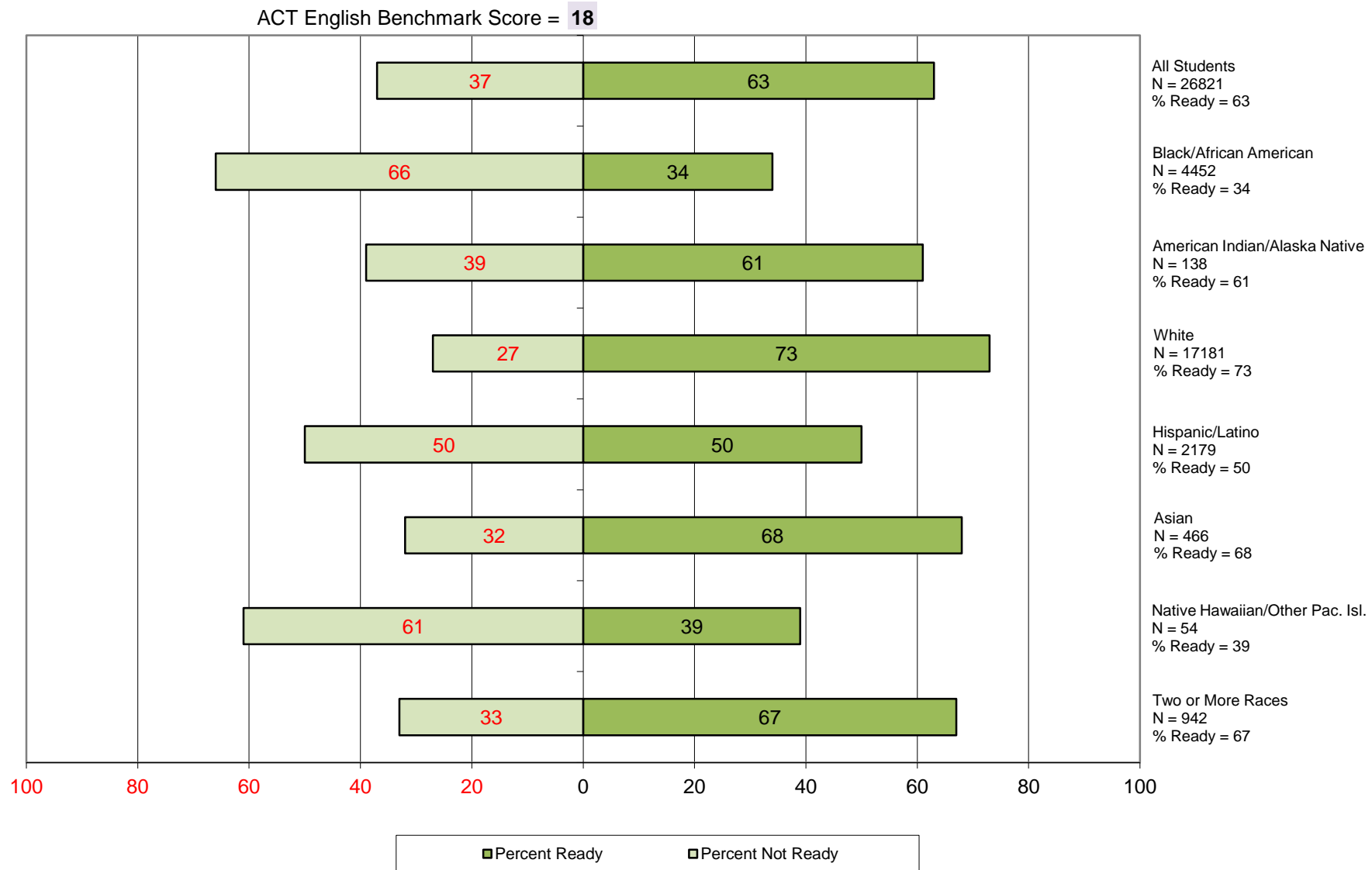


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

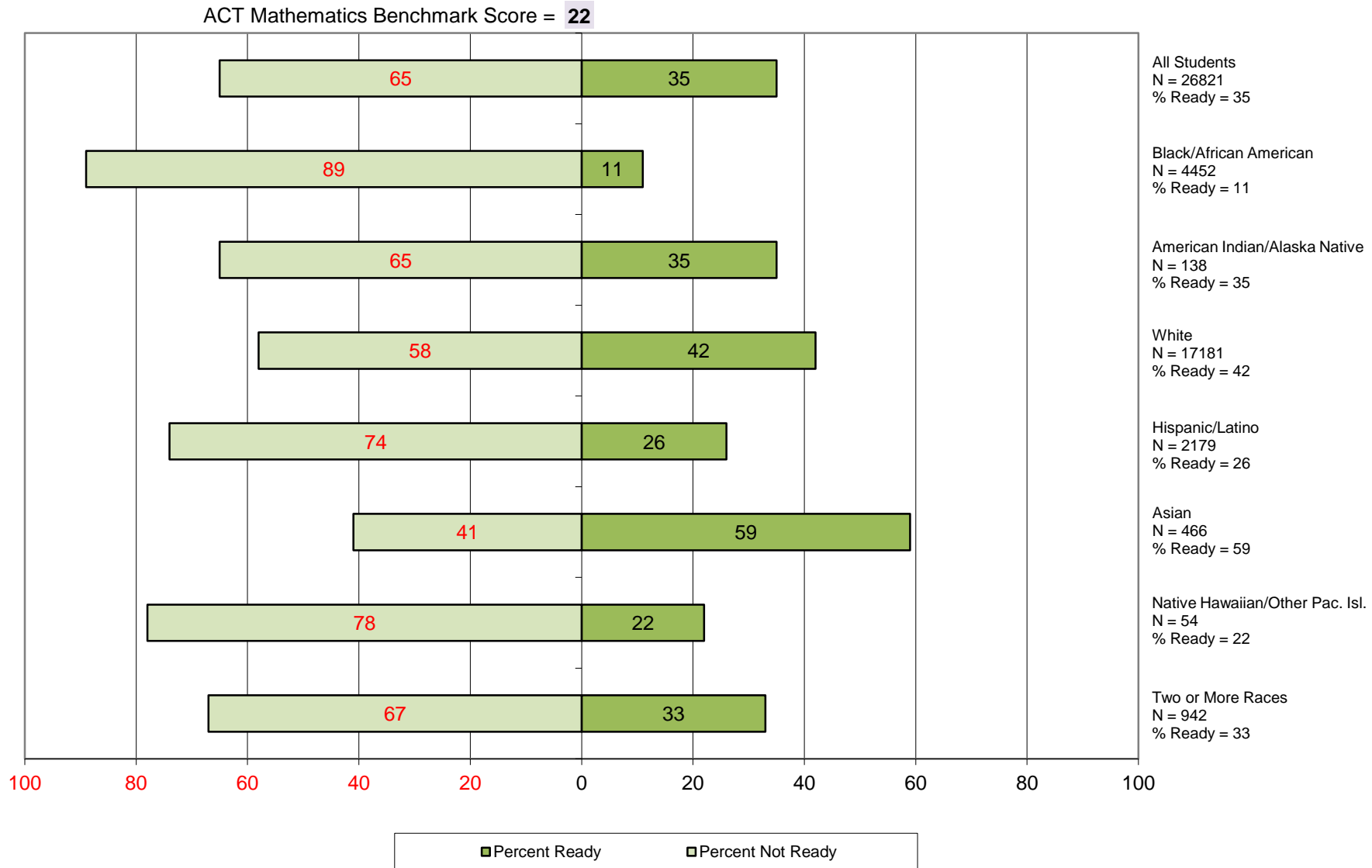


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

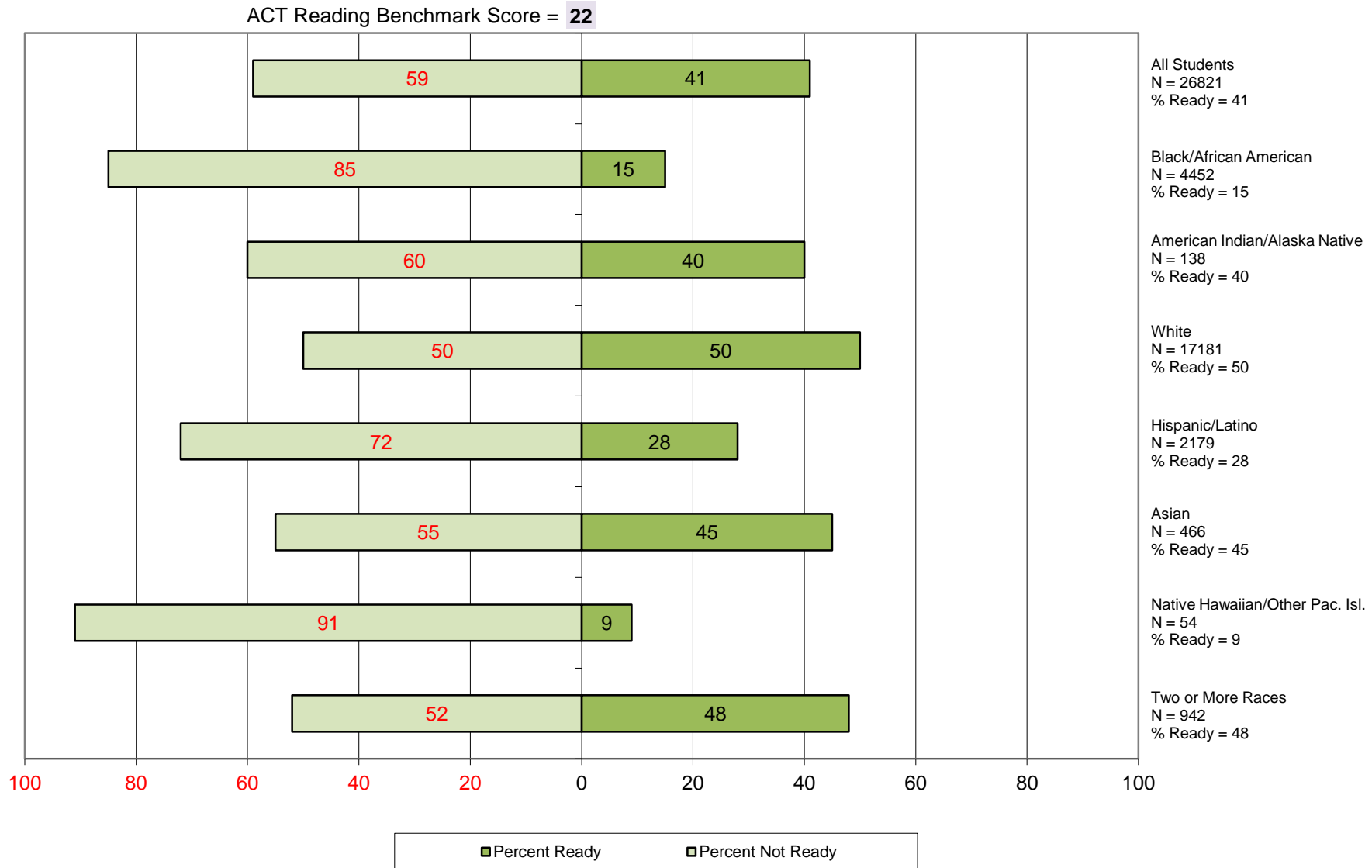


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

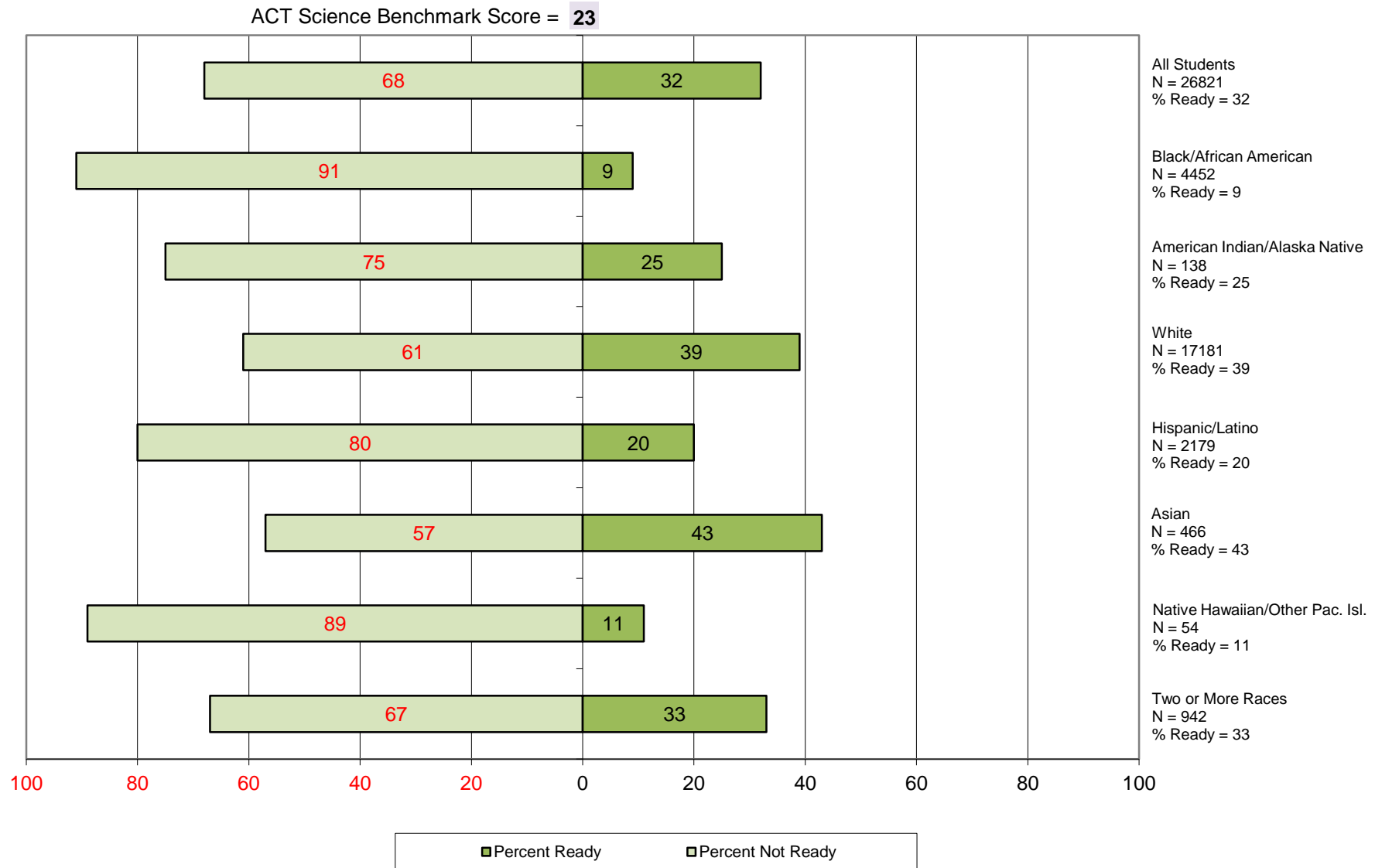
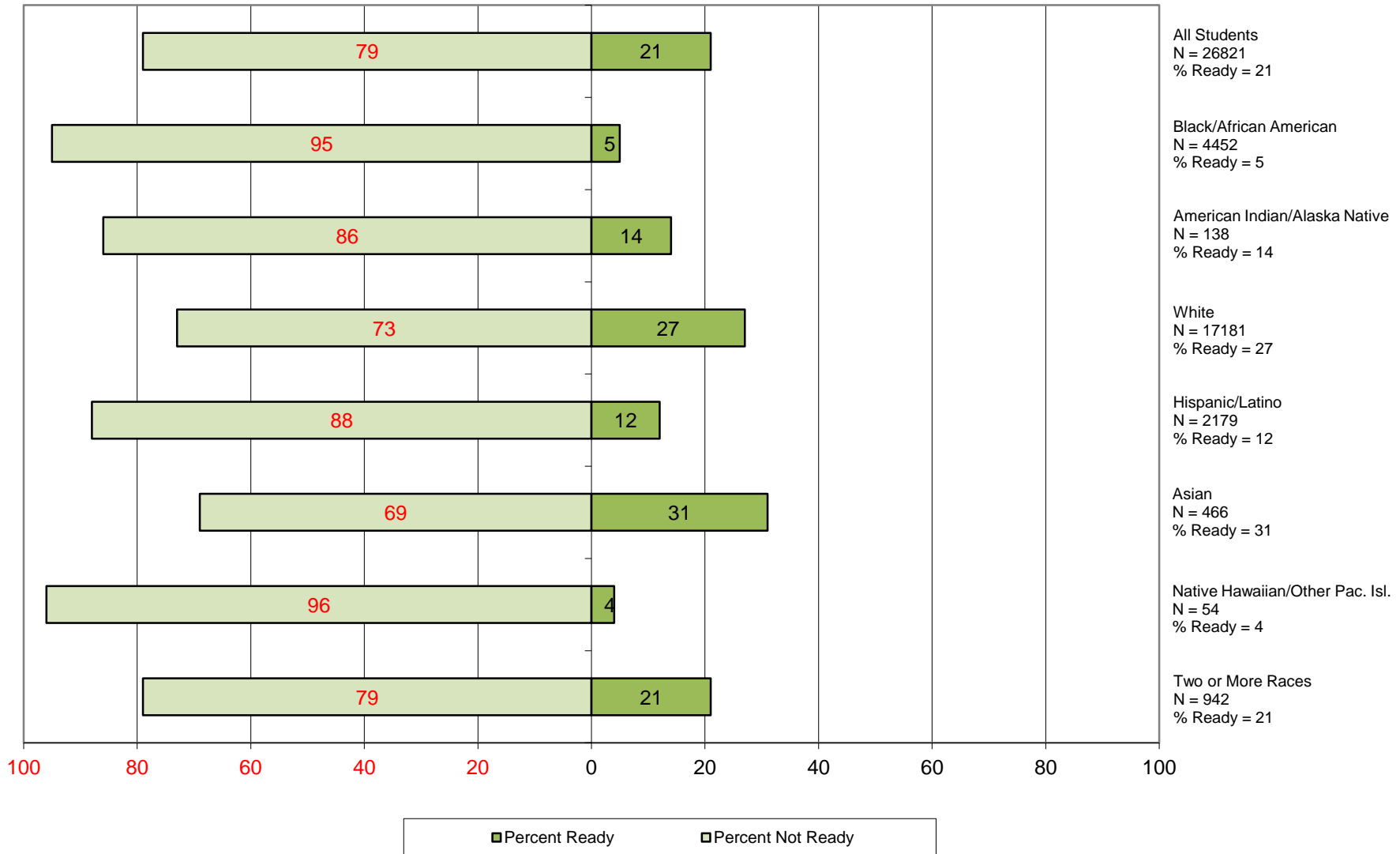


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 26,821

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	5,766	21	21.6	5.4	2,492	21	21.2	5.9	3,254	23	22.0	4.8
Eng 9, Eng 10, Eng 11, Eng 12	19,455	73	20.0	3.8	8,937	74	19.8	4.5	10,248	73	20.3	3.1
Less than 4 years of English	811	3	16.2	-	392	3	15.3	-	355	3	17.2	-
Zero years / no English courses reported	789	3	15.6	-	303	2	16.1	-	213	2	15.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,334	5	22.5	6.6	632	5	23.3	7.3	685	5	21.8	5.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,642	10	21.6	5.7	1,039	9	22.0	6.0	1,579	11	21.4	5.5
Alg 1, Alg 2, Geom, & Trig	1,375	5	19.2	3.3	636	5	19.7	3.7	706	5	18.8	2.9
Alg 1, Alg 2, Geom, & Other Adv Math	7,910	29	18.7	2.8	3,211	26	19.1	3.1	4,587	33	18.5	2.6
Other comb of 4 or more years of Math	8,742	33	21.9	6.0	4,269	35	22.6	6.6	4,426	31	21.3	5.4
Alg 1, Alg 2, & Geom	2,384	9	16.6	0.7	1,179	10	16.8	0.8	1,121	8	16.4	0.5
Other comb of 3 or 3.5 years of Math	810	3	18.3	2.4	430	4	18.6	2.6	371	3	17.9	2.0
Less than 3 years of Math	733	3	15.9	-	369	3	16.0	-	342	2	15.9	-
Zero years / no Math courses reported	891	3	17.1	-	359	3	17.3	-	253	2	16.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	248	1	19.7	2.6	143	1	19.3	2.2	102	1	20.4	3.2
Other comb of 4 or more years Social Science	15,413	57	21.9	4.8	6,785	56	21.9	4.8	8,516	61	21.9	4.7
US Hist, World Hist, & Am Gov	766	3	18.1	1.0	423	3	18.1	1.0	321	2	18.2	1.0
Other comb of 3 or 3.5 years of Social Science	8,251	31	20.1	3.0	3,769	31	19.9	2.8	4,317	31	20.3	3.1
Less than 3 years of Social Science	1,313	5	17.1	-	675	6	17.1	-	589	4	17.2	-
Zero years / no Social Science courses reported	830	3	17.0	-	329	3	17.2	-	225	2	17.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	9,890	37	21.4	4.8	4,959	41	22.0	5.5	4,839	34	20.8	4.1
Bio, Chem, Phys	941	4	23.1	6.5	405	3	24.0	7.5	535	4	22.4	5.7
Gen Sci ² , Bio, Chem	11,617	43	20.1	3.5	4,650	38	20.2	3.7	6,825	49	20.0	3.3
Other comb of 3 years of Natural Science	1,487	6	19.4	2.8	769	6	19.8	3.3	671	5	19.0	2.3
Less than 3 years of Natural Science	2,056	8	16.6	-	1,013	8	16.5	-	975	7	16.7	-
Zero years / no Natural Science courses reported	830	3	17.2	-	328	3	17.8	-	225	2	17.2	-

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: 26,821

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	5,766	21	21.6	73	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	19,455	73	20.0	63	1,305,220	71	20.5	65
Less than 4 years of English	811	3	16.2	37	88,420	5	15.9	36
Zero years / no English courses reported	789	3	15.6	33	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,334	5	22.5	57	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,642	10	21.6	53	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	1,375	5	19.2	27	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	7,910	29	18.7	22	356,555	19	19.4	31
Other comb of 4 or more years of Math	8,742	33	21.9	52	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	2,384	9	16.6	7	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	810	3	18.3	22	90,105	5	19.8	35
Less than 3 years of Math	733	3	15.9	6	74,627	4	16.4	8
Zero years / no Math courses reported	891	3	17.1	14	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	248	1	19.7	33	48,992	3	22.3	50
Other comb of 4 or more years Social Science	15,413	57	21.9	48	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	766	3	18.1	23	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	8,251	31	20.1	36	504,877	27	21.3	43
Less than 3 years of Social Science	1,313	5	17.1	18	180,385	10	19.4	32
Zero years / no Social Science courses reported	830	3	17.0	21	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	9,890	37	21.4	40	781,043	42	22.1	46
Bio, Chem, Phys	941	4	23.1	55	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	11,617	43	20.1	29	505,460	27	20.0	28
Other comb of 3 years of Natural Science	1,487	6	19.4	24	52,236	3	19.2	24
Less than 3 years of Natural Science	2,056	8	16.6	7	220,701	12	18.1	17
Zero years / no Natural Science courses reported	830	3	17.2	16	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: 26,821

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	718	3	18.5	85	4	17.0	581	3	19.0
Architecture	337	1	20.2	22	1	17.4	300	1	20.5
Area, Ethnic, & Multidisciplinary Studies	23	0	20.6	3	0	17.0	17	0	21.8
Arts: Visual & Performing	1,833	7	20.3	165	8	16.4	1,546	7	20.9
Business	1,892	7	20.1	176	9	16.4	1,632	7	20.6
Communications	345	1	20.8	10	1	18.2	320	1	20.8
Community, Family, & Personal Services	769	3	18.1	137	7	16.3	582	3	18.6
Computer Science & Mathematics	724	3	22.1	42	2	17.1	652	3	22.6
Education	1,850	7	20.5	56	3	16.2	1,720	8	20.7
Engineering	1,465	5	22.5	90	5	16.5	1,303	6	23.1
Engineering Technology & Drafting	396	1	18.8	64	3	15.9	311	1	19.5
English & Foreign Languages	257	1	23.6	9	0	17.6	237	1	23.7
Health Administration & Assisting	1,156	4	18.2	121	6	16.3	970	4	18.5
Health Sciences & Technologies	5,853	22	20.9	285	14	17.0	5,375	24	21.2
Philosophy, Religion, & Theology	154	1	21.4	8	0	17.5	139	1	21.7
Repair, Production, & Construction	469	2	17.1	223	11	16.4	192	1	18.2
Sciences: Biological & Physical	1,229	5	22.9	15	1	17.7	1,165	5	23.1
Social Sciences & Law	1,781	7	20.9	65	3	16.4	1,647	7	21.2
Undecided	4,389	16	20.7	331	17	16.3	3,564	16	21.4
No Response	1,144	4	16.5	66	3	13.8	106	0	16.2

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: 26,821

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	588	16.0	120	14.1	5	16.6	354	16.7	58	15.6
2-yr College Degree	1,400	16.6	282	14.7	12	16.2	793	17.4	174	16.2
Bachelors Degree	13,658	19.8	2,274	16.6	74	19.2	9,095	20.8	1,128	18.7
Graduate Study	2,969	23.3	327	18.9	14	24.4	2,160	24.1	181	21.0
Prof. Level Degree	5,753	22.8	965	18.7	24	22.6	3,658	24.1	449	20.7
Other	534	17.0	116	14.9	1	12.0	305	17.8	50	15.9
No Response	1,919	17.9	368	15.3	8	17.4	816	19.5	139	16.7

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	588	16.0	4	18.3	2	15.0	9	18.0	36	15.8
2-yr College Degree	1,400	16.6	8	17.4	4	19.0	50	17.5	77	15.4
Bachelors Degree	13,658	19.8	196	19.9	29	17.7	476	20.0	386	19.1
Graduate Study	2,969	23.3	56	24.2	4	17.8	110	23.4	117	23.5
Prof. Level Degree	5,753	22.8	163	25.5	6	19.2	249	22.4	239	22.3
Other	534	17.0	10	19.9	3	14.3	20	17.8	29	17.0
No Response	1,919	17.9	29	19.2	6	13.0	28	19.3	525	17.6

Total Students in Report: 26,821

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF ARKANSAS	Arkansas	7,376	3,356	4,020	1	6	20	31	25	14	2
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	6,478	2,063	4,415	1	10	27	31	21	9	1
ARKANSAS STATE UNIVERSITY	Arkansas	4,940	1,934	3,006	2	10	27	31	21	8	1
ARKANSAS TECH UNIVERSITY	Arkansas	3,562	1,263	2,299	1	11	29	31	20	8	1
HENDERSON STATE UNIVERSITY	Arkansas	2,037	639	1,398	4	15	34	27	15	5	0
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	1,863	417	1,446	3	14	30	28	18	7	1
UNIV OF ARKANSAS-FORT SMITH	Arkansas	1,445	565	880	1	11	27	32	22	7	0
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,231	420	811	3	16	37	27	14	3	0
HARDING UNIVERSITY	Arkansas	998	356	642	1	6	19	32	23	17	2
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	910	336	574	3	18	33	29	13	3	0
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	873	409	464	3	16	36	31	13	2	0
OUACHITA BAPTIST UNIVERSITY	Arkansas	851	210	641	1	6	19	32	24	16	2
HENDRIX COLLEGE	Arkansas	826	157	669	1	7	14	21	27	25	4
PULASKI TECHNICAL COLLEGE	Arkansas	693	276	417	7	23	38	25	6	1	0
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	685	212	473	2	14	36	30	13	3	0
LYON COLLEGE	Arkansas	628	155	473	0	4	19	33	26	16	1
STATE-COLLEGE/NO REPORTS NOW	Iowa	578	578	0	18	33	26	15	5	2	2
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	561	149	412	10	38	38	11	3	1	0
NCAA ELIGIBILITY CENTER	Indiana	552	228	324	3	18	29	27	16	7	1
JOHN BROWN UNIVERSITY	Arkansas	410	122	288	1	6	21	31	24	15	2
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	404	108	296	4	15	35	28	15	2	0
TALENT SEARCH PROGRAM-UALR	Arkansas	382	86	296	5	19	32	26	14	4	0
OKLAHOMA STATE UNIVERSITY	Oklahoma	368	72	296	0	5	13	32	27	21	3
UNIVERSITY OF THE OZARKS	Arkansas	364	74	290	2	12	30	31	16	9	1
BAYLOR UNIVERSITY	Texas	341	78	263	1	3	9	23	32	27	5
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	328	48	280	2	8	31	32	20	8	1
WILLIAMS BAPTIST COLLEGE	Arkansas	328	61	267	0	10	31	35	16	6	1
UNIVERSITY OF MISSISSIPPI	Mississippi	306	56	250	0	4	12	27	31	22	3
COLLEGE OF THE OZARKS	Missouri	287	102	185	0	5	21	40	27	6	1
MISSOURI STATE UNIVERSITY	Missouri	284	65	219	1	6	20	34	25	13	1
All Other Institutions		16,982	4,479	12,503	3	13	24	25	18	13	3
Total		57,871	19,074	38,797	2	12	26	28	20	11	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: 26,821

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	2,352	976,031	23.7	21.3	7.0	7.1	22.4	20.6
Black/African American	357	114,263	19.0	16.4	6.5	6.3	18.4	16.3
American Indian/Alaska Native	15	6,408	21.8	16.8	7.8	6.2	21.7	16.5
White	1,455	520,054	25.1	23.1	7.1	7.3	23.4	22.1
Hispanic/Latino	204	167,575	20.8	18.5	7.1	6.9	20.3	18.4
Asian	108	61,663	26.8	23.7	7.7	7.7	25.2	22.9
Native Hawaiian/Other Pac. Isl.	5	3,742	21.6	17.7	6.8	6.6	20.4	17.6
Two or more races	114	39,565	23.1	21.4	7.2	7.1	22.0	20.7
Prefer not/No Response	94	62,761	25.0	21.6	7.3	7.1	23.5	20.9
Males	1,006	438,500	24.1	21.1	6.8	6.9	22.4	20.2
Females	1,346	530,240	23.5	21.6	7.2	7.3	22.3	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

