

# ACT Profile Report - State

Graduating Class 2013  
Arkansas



ACT, INC. -- CONFIDENTIAL





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This report provides information about the performance of your 2013 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2013. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

**Performance** - student test performance in the context of college readiness

**Access** - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

**College Readiness** - percent of students meeting ACT College Readiness Benchmark Scores in each content area

**Awareness** - extent to which student aspirations match performance

**Articulation** - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students who met or exceeded ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

**The ACT is a curriculum-based measure of college readiness. ACT components include:**

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

**The ACT:**

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at [www.act.org/standard/infoserv.html](http://www.act.org/standard/infoserv.html).

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores, updated for 2013, are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

20% 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:** 25,875 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. 81% 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, 4% were college ready. 9% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% 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 9% of the cohort took less than three years of natural science courses. 8% of these students were college ready. In comparison, 32% 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 55% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS:** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1309 or [customerservices@act.org](mailto:customerservices@act.org).

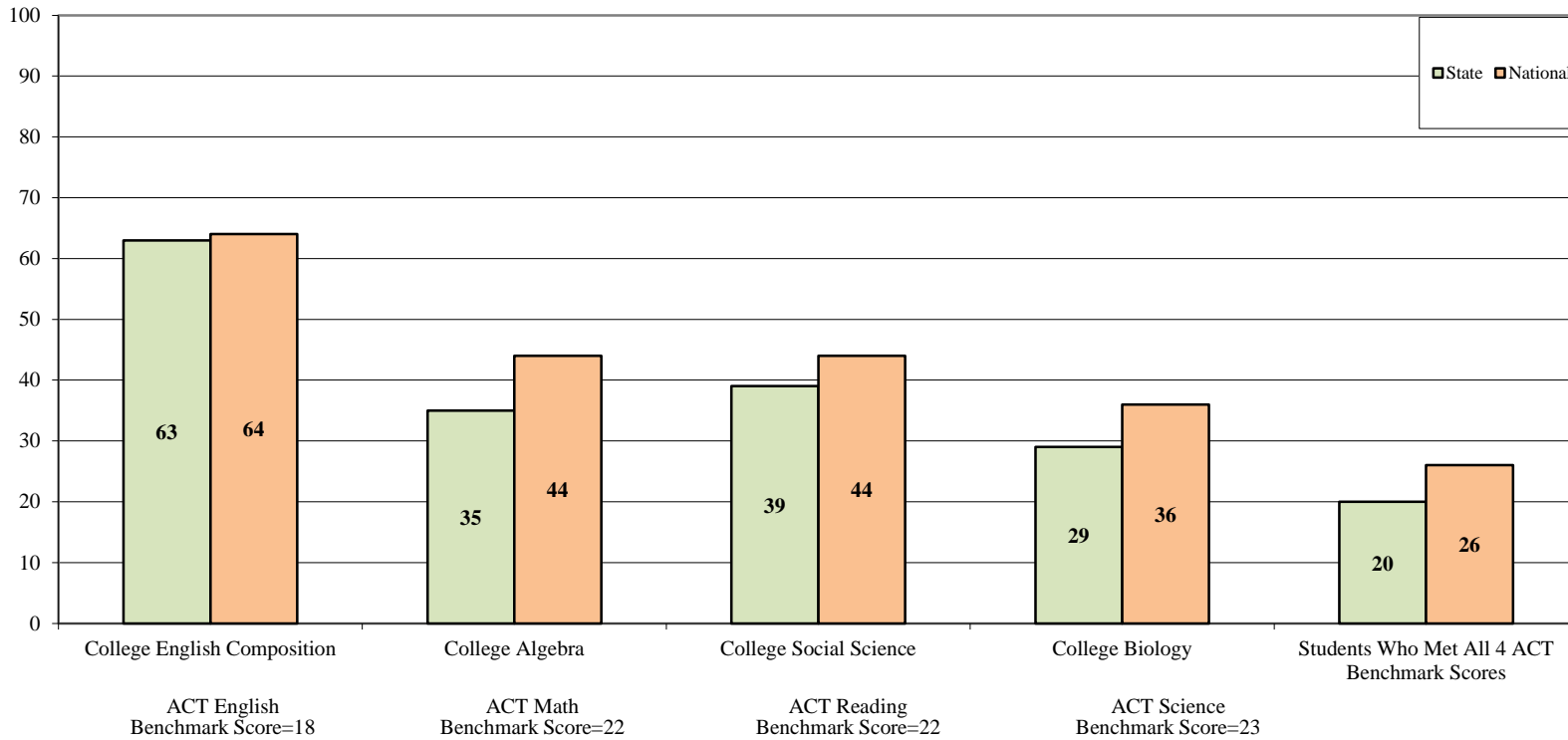
# Section I

## Executive Summary

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

To find the results of only standard time or extended time test takers, refer to Tables 1.7 and 1.8 on page 10.

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.



Total Students in Report: 25,875

**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	22,523	1,480,469	67	67	35	42	50	53	24	28	18	23
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
<b>2013</b>	<b>25,875</b>	<b>1,799,243</b>	<b>63</b>	<b>64</b>	<b>35</b>	<b>44</b>	<b>39</b>	<b>44</b>	<b>29</b>	<b>36</b>	<b>20</b>	<b>26</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2009	22,523	1,480,469	20.6	20.6	20.1	21.0	21.0	21.4	20.2	20.9	20.6	21.1
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
<b>2013</b>	<b>25,875</b>	<b>1,799,243</b>	<b>19.9</b>	<b>20.2</b>	<b>19.9</b>	<b>20.9</b>	<b>20.5</b>	<b>21.1</b>	<b>20.1</b>	<b>20.7</b>	<b>20.2</b>	<b>20.9</b>

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

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
<b>2013</b>	<b>1,799,243</b>	<b>20.2</b>	<b>20.9</b>	<b>21.1</b>	<b>20.7</b>	<b>20.9</b>

Total Students in Report: 25,875

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2009	17,134	4,358	76	19	21.5	17.3	20.9	17.7	21.9	18.3	21.0	17.8	21.4	17.9
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
<b>2013</b>	<b>21,049</b>	<b>3,962</b>	<b>81</b>	<b>15</b>	<b>20.8</b>	<b>16.3</b>	<b>20.5</b>	<b>17.4</b>	<b>21.3</b>	<b>17.5</b>	<b>20.8</b>	<b>17.4</b>	<b>21.0</b>	<b>17.3</b>

<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

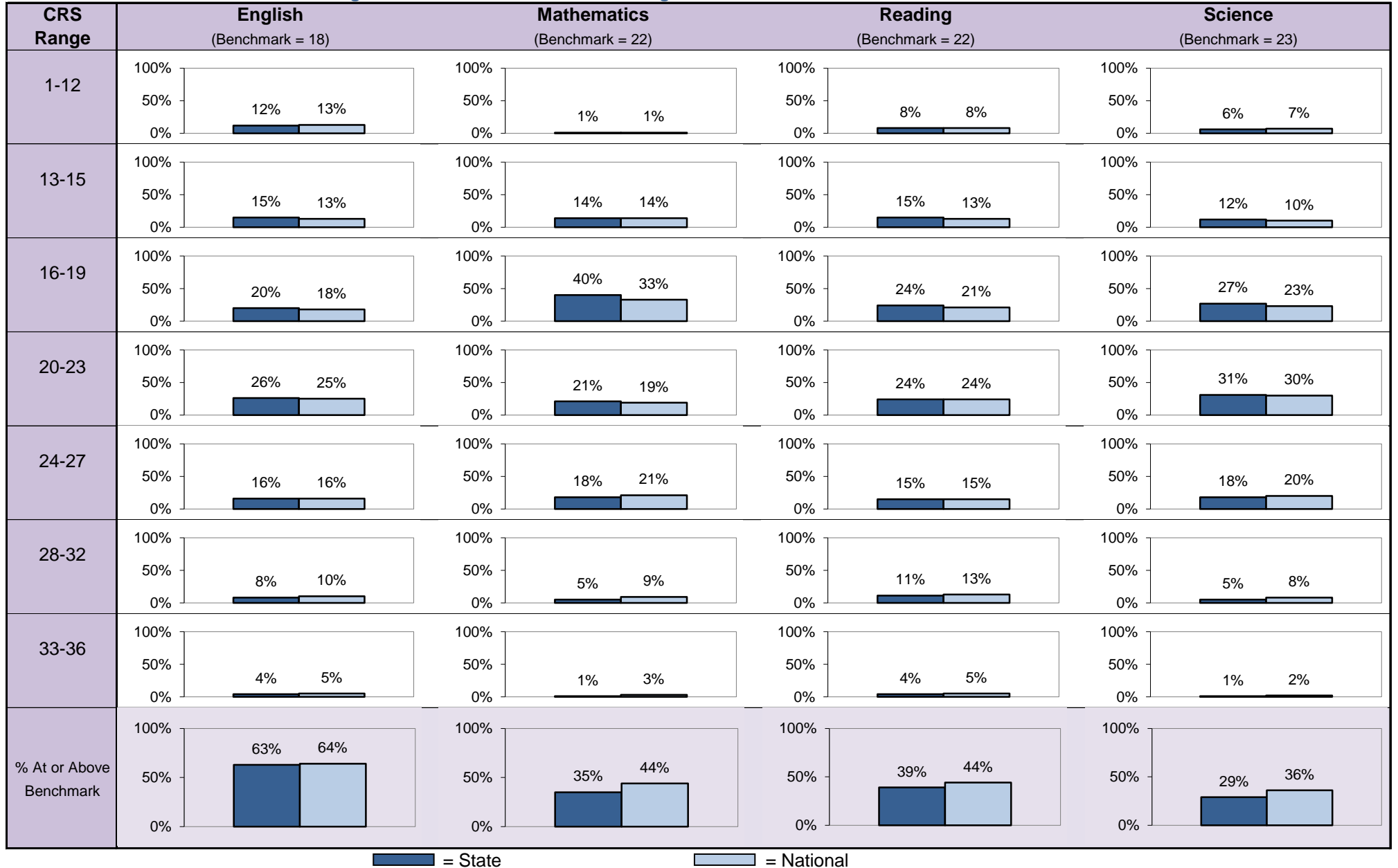
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>22,523</b>	<b>100</b>	<b>20.6</b>	<b>24,578</b>	<b>100</b>	<b>20.3</b>	<b>27,020</b>	<b>100</b>	<b>19.9</b>	<b>26,058</b>	<b>100</b>	<b>20.3</b>	<b>25,875</b>	<b>100</b>	<b>20.2</b>
Black/African American	3,922	17	16.7	4,415	18	16.6	4,880	18	16.6	4,677	18	16.9	4,403	17	16.7
American Indian/Alaska Native	239	1	20.9	269	1	20.6	274	1	19.8	178	1	19.7	161	1	19.5
White	15,968	71	21.6	17,027	69	21.4	17,526	65	21.1	17,282	66	21.4	16,784	65	21.4
Hispanic/Latino	885	4	18.8	1,116	5	18.6	1,666	6	18.5	1,776	7	18.7	2,005	8	18.9
Asian	409	2	22.0	462	2	22.0	492	2	21.4	433	2	21.3	416	2	22.1
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	19	0	19.3	28	0	18.9	37	0	18.2
Two or more races	304	1	21.5	367	1	20.3	601	2	20.6	758	3	20.7	920	4	20.8
Prefer not to respond/No response	796	4	20.9	922	4	19.4	1,562	6	18.1	926	4	19.3	1,149	4	19.0

Total Students in Report: 25,875

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



Total Students in Report: 25,875

**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	25,183	97	20.1	20.0	20.6	20.2	20.4
	Extended Time	692	3	14.3	16.3	16.5	16.1	15.9
	Total	25,875	100	19.9	19.9	20.5	20.1	20.2
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	64	36	40	30	20
	Extended Time	28	11	21	12	7
	Total	63	35	39	29	20
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: 25,875

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages**

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	55	100	15	100	123	100	51	100	5	100	36
35	261	100	58	100	146	100	67	100	24	100	35
34	233	99	88	100	326	99	85	100	70	100	34
33	366	98	97	99	359	98	54	99	126	100	33
32	302	96	114	99	447	96	171	99	227	99	32
31	366	95	106	99	627	95	209	98	253	98	31
30	492	94	225	98	521	92	288	98	399	97	30
29	416	92	278	97	605	90	315	96	481	96	29
28	603	90	527	96	619	88	375	95	645	94	28
27	657	88	755	94	682	85	646	94	783	91	27
26	945	86	1,134	91	760	83	662	91	977	88	26
25	1,170	82	1,272	87	820	80	1,383	89	1,131	85	25
24	1,285	77	1,561	82	1,658	77	1,932	83	1,368	80	24
23	1,315	72	1,441	76	1,148	70	1,380	76	1,442	75	23
22	1,572	67	1,428	70	1,322	66	1,995	71	1,749	69	22
21	1,758	61	1,241	65	2,013	61	2,535	63	1,928	63	21
20	2,096	54	1,350	60	1,679	53	2,237	53	2,026	55	20
19	1,303	46	1,715	55	1,679	46	2,199	44	2,149	47	19
18	1,148	41	1,906	48	1,871	40	2,172	36	1,898	39	18
17	1,167	37	3,015	41	1,199	33	1,335	28	1,823	32	17
16	1,495	32	3,635	29	1,399	28	1,179	22	1,725	25	16
15	1,613	27	2,316	15	1,484	23	1,170	18	1,546	18	15
14	1,200	20	1,072	6	1,189	17	956	13	1,233	12	14
13	975	16	338	2	1,131	12	862	10	969	7	13
12	715	12	132	1	1,042	8	598	6	587	3	12
11	732	9	47	1	484	4	465	4	241	1	11
10	683	6	4	1	335	2	362	2	54	1	10
9	458	4	1	1	97	1	125	1	11	1	9
8	296	2	0	1	58	1	36	1	2	1	8
7	135	1	1	1	34	1	14	1	2	1	7
6	48	1	1	1	11	1	10	1	1	1	6
5	11	1	0	1	0	1	4	1	0	1	5
4	4	1	2	1	5	1	0	1	0	1	4
3	0	1	0	1	1	1	3	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	19.9 (6.2)		19.9 (4.5)		20.5 (6.0)		20.1 (4.9)		20.2 (4.9)		Avg (SD)

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

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

Total Students in Report: 25,875

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subscore Averages**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	634	100	291	100	414	100	663	100	516	100	49	100	75	100	18
17	1,020	98	328	99	1,129	98	841	97	634	98	88	100	37	100	17
16	971	94	1,013	98	1,132	94	1,238	94	591	96	280	99	375	100	16
15	826	90	1,347	94	1,113	90	1,416	89	1,117	93	725	98	928	98	15
14	1,392	87	1,779	88	1,452	85	1,583	84	1,338	89	1,368	96	1,444	95	14
13	1,279	81	2,001	82	2,042	80	1,813	78	2,162	84	2,689	90	1,535	89	13
12	1,802	76	2,923	74	2,703	72	1,994	71	2,340	75	2,341	80	3,492	83	12
11	2,674	69	2,476	63	2,357	61	2,493	63	2,549	66	3,591	71	2,583	70	11
10	2,949	59	2,576	53	2,524	52	2,315	53	2,909	57	4,589	57	3,625	60	10
9	2,781	48	3,135	43	2,844	43	2,336	45	1,897	45	3,176	39	4,089	46	9
8	2,134	37	2,535	31	2,539	32	2,751	35	3,366	38	3,076	27	3,234	30	8
7	2,149	29	1,832	21	2,860	22	1,832	25	3,499	25	1,887	15	2,096	17	7
6	1,676	20	1,326	14	1,311	11	1,693	18	1,744	11	963	8	1,035	9	6
5	1,585	14	1,199	9	916	6	1,795	11	765	5	456	4	482	5	5
4	1,040	8	733	4	284	2	681	4	285	2	302	2	515	3	4
3	686	4	311	1	175	1	298	2	109	1	176	1	125	1	3
2	248	1	67	1	63	1	123	1	45	1	55	1	132	1	2
1	29	1	3	1	17	1	10	1	9	1	64	1	73	1	1
Avg (SD)	9.9 (3.8)		10.3 (3.4)		10.5 (3.4)		10.3 (3.7)		10.2 (3.3)		10.1 (2.7)		9.9 (2.8)		Avg (SD)

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

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	24	23	24	23	24
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	17

Total Students in Report: 25,875

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>25,875</b>	<b>81</b>	<b>21.0</b>	<b>17.3</b>
	Black/African American	4,403	76	17.2	15.4
	American Indian/Alaska Native	161	73	20.4	16.9
	White	16,784	84	22.0	18.1
	Hispanic/Latino	2,005	82	19.4	16.4
	Asian	416	85	22.7	19.0
	Native Hawaiian/Other Pac. Isl.	37	81	19.0	13.8
	Two or more races	920	83	21.4	18.2
	Prefer not/No Response	1,149	58	20.6	16.9
National	<b>All Students</b>	<b>1,799,243</b>	<b>74</b>	<b>21.7</b>	<b>18.7</b>
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

**Table 2.5. Average ACT Scores by Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	19.9	19.9	20.5	20.1	20.2
	Black/African American	15.8	17.0	16.6	16.9	16.7
	American Indian/Alaska Native	18.8	19.1	19.9	19.8	19.5
	White	21.3	20.7	21.8	21.1	21.4
	Hispanic/Latino	18.0	19.0	18.9	19.0	18.9
	Asian	21.1	23.4	21.3	22.0	22.1
	Native Hawaiian/Other Pac. Isl.	17.4	18.2	18.3	18.4	18.2
	Two or more races	20.6	20.4	21.2	20.6	20.8
	Prefer not/No Response	18.5	18.7	19.4	19.0	19.0
National	<b>All Students</b>	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: 25,875

**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	915	4	258	1	954	4	257	1
	28 to 32	2,179	8	1,250	5	2,819	11	1,358	5
	24 to 27	4,057	16	4,722	18	3,920	15	4,623	18
	20 to 23	6,741	26	5,460	21	6,162	24	8,147	31
	16 to 19	5,113	20	10,271	40	6,148	24	6,885	27
	13 to 15	3,788	15	3,726	14	3,804	15	2,988	12
	01 to 12	3,082	12	188	1	2,068	8	1,617	6
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	11,806	46	19.5	20.3	20.3	20.5	20.3
	Females	13,694	53	20.4	19.6	20.8	19.8	20.3
	Missing	375	1	16.4	17.5	17.3	17.7	17.3
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	61	39	38	34	22
	Females	66	32	41	26	18
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 25,875

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	21,049	69	20.8	40	20.5	44	21.3	34	20.8	23	21.0
	Less than Core	3,962	38	16.3	14	17.4	20	17.5	12	17.4	6	17.3
	Missing <sup>3</sup>	864	30	14.8	12	16.8	16	16.4	11	16.8	5	16.3
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	10	17.4

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> Composite CRB% results reflect students who met all four subject-area benchmarks.

**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	24,358	65	20.2	24,220	37	20.1	23,648	41	20.8	22,818	32	20.5
	Less than Core	810	39	16.3	838	4	15.7	1,493	20	17.4	2,312	8	16.7
	Missing <sup>3</sup>	707	35	15.5	817	12	16.8	734	19	16.9	745	12	17.2
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Figure 3.1. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

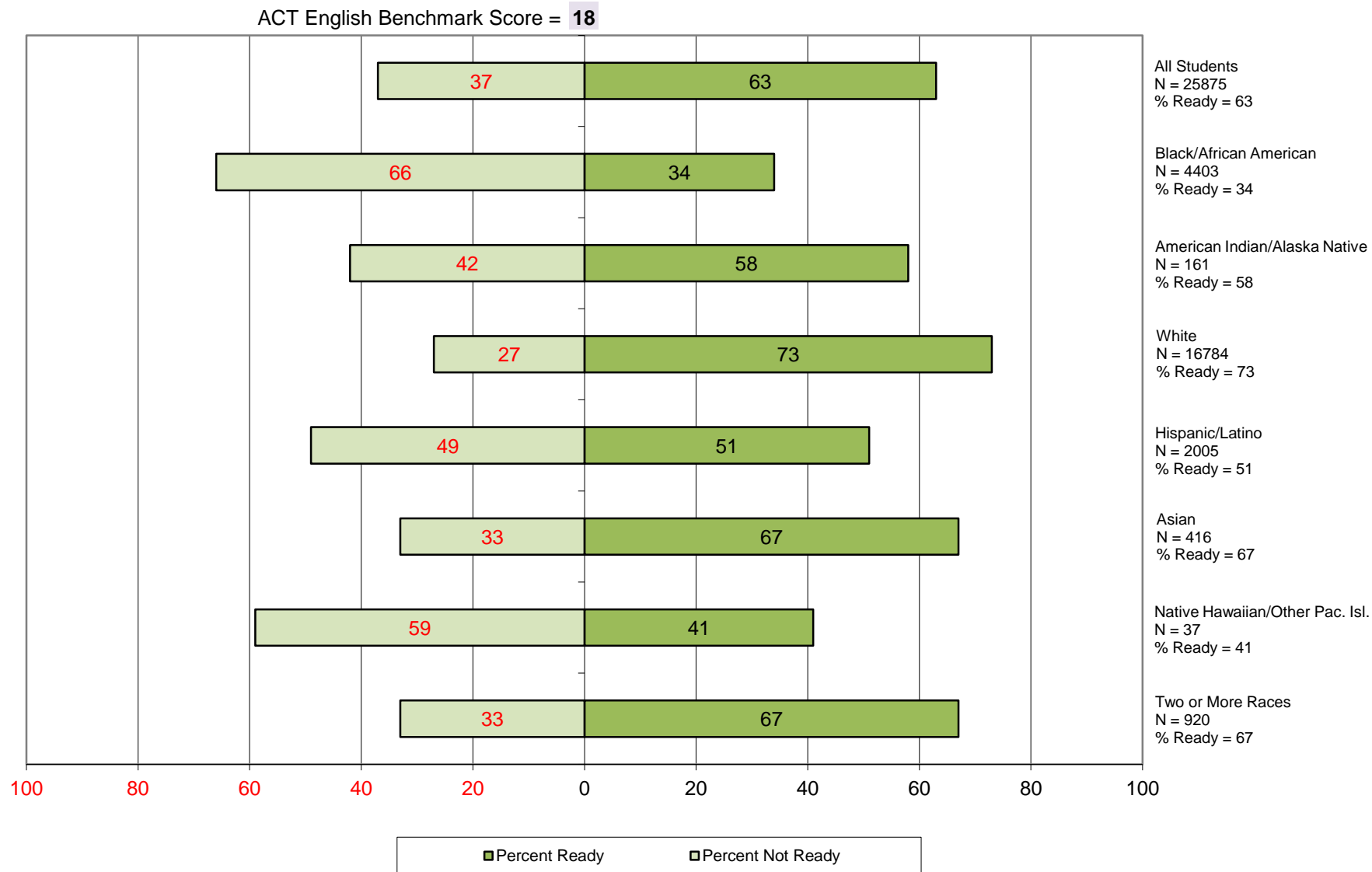


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

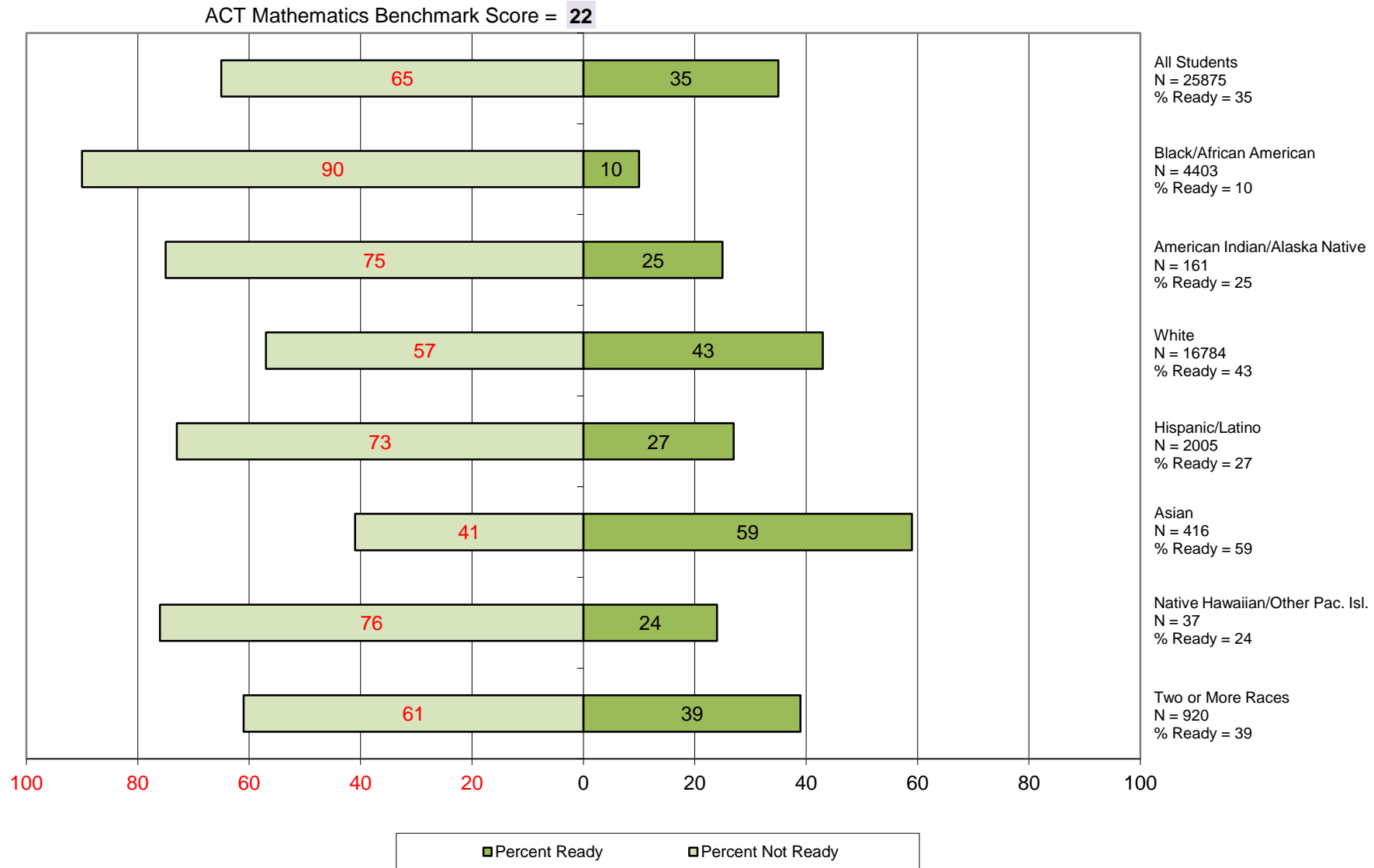


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

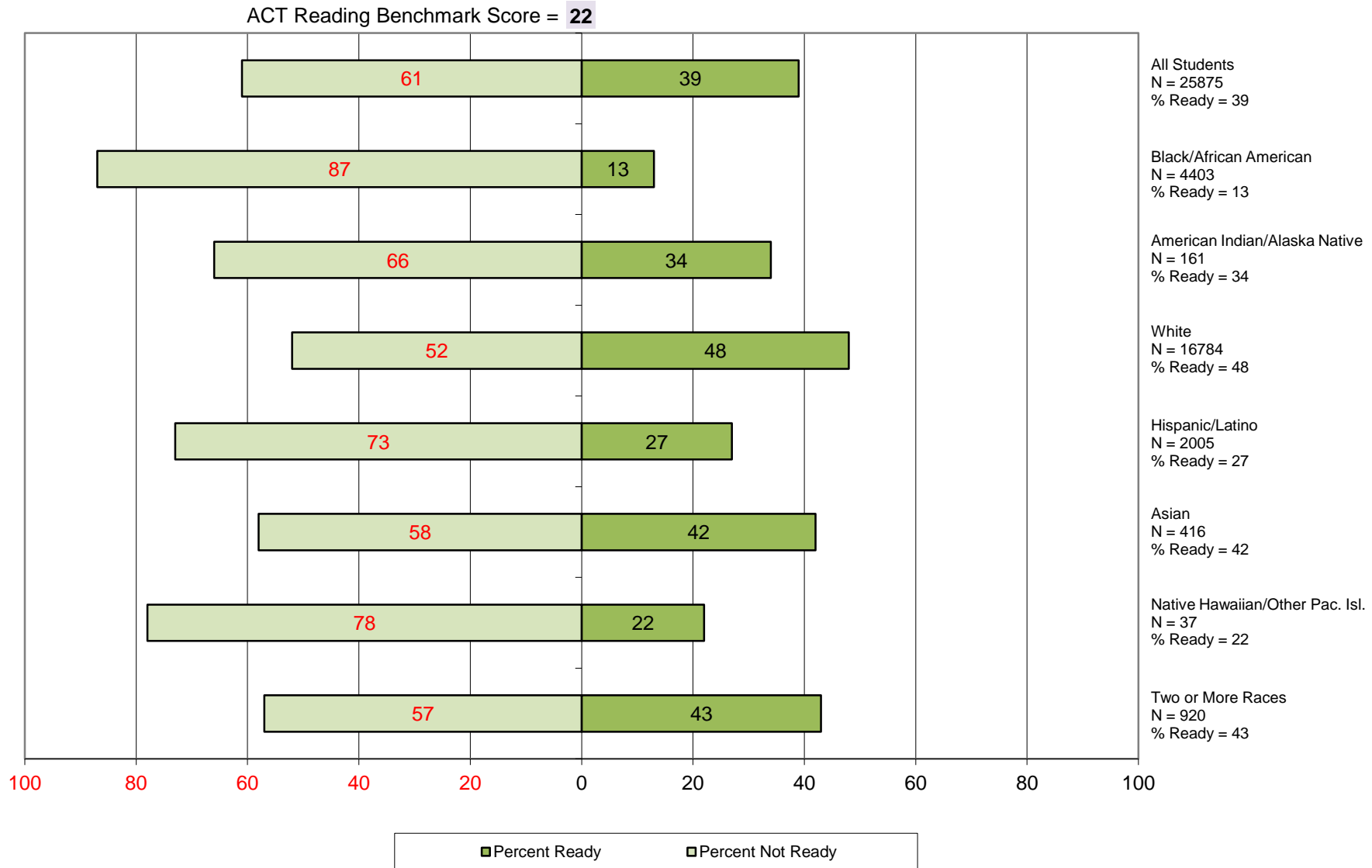


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

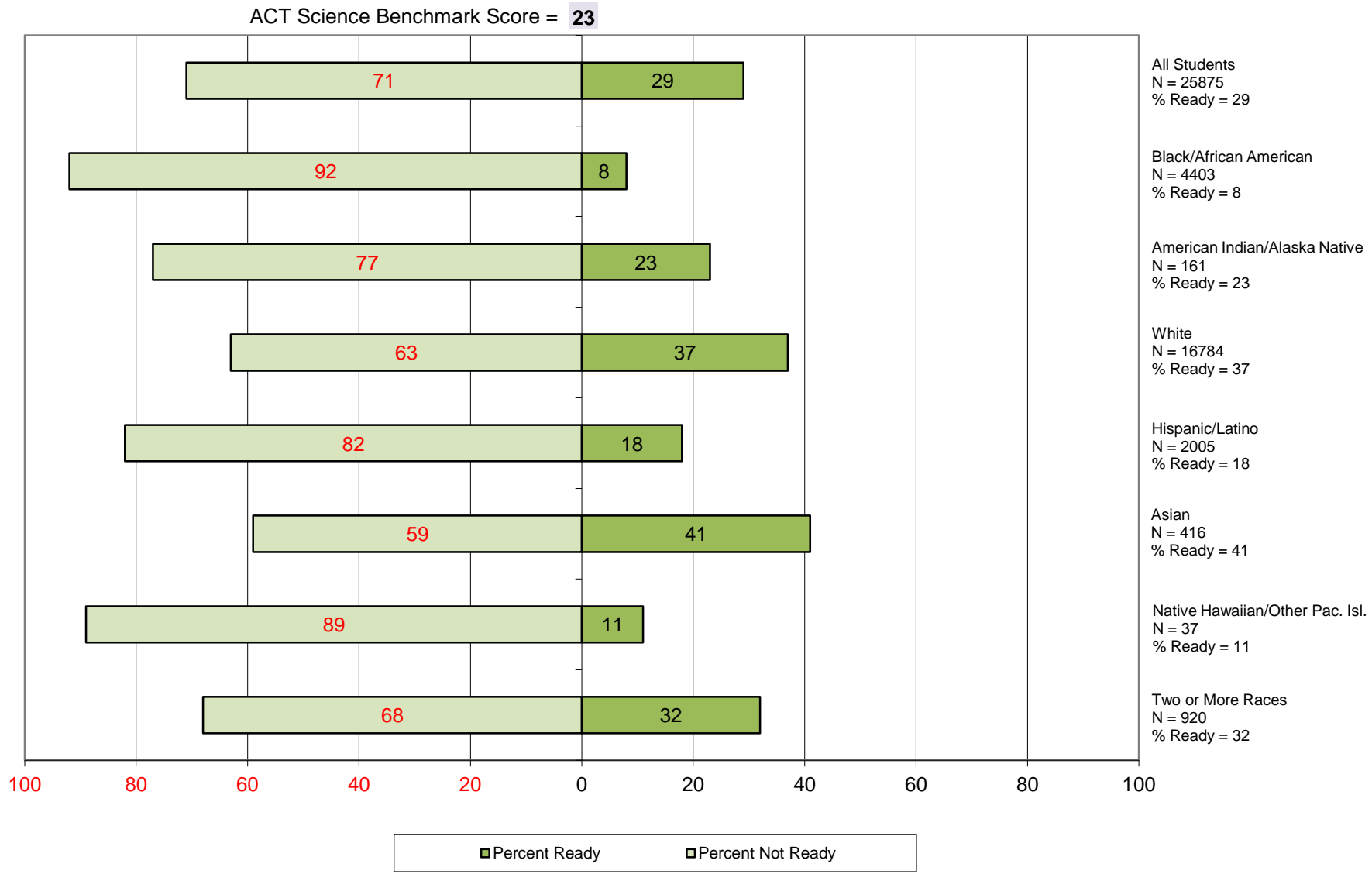
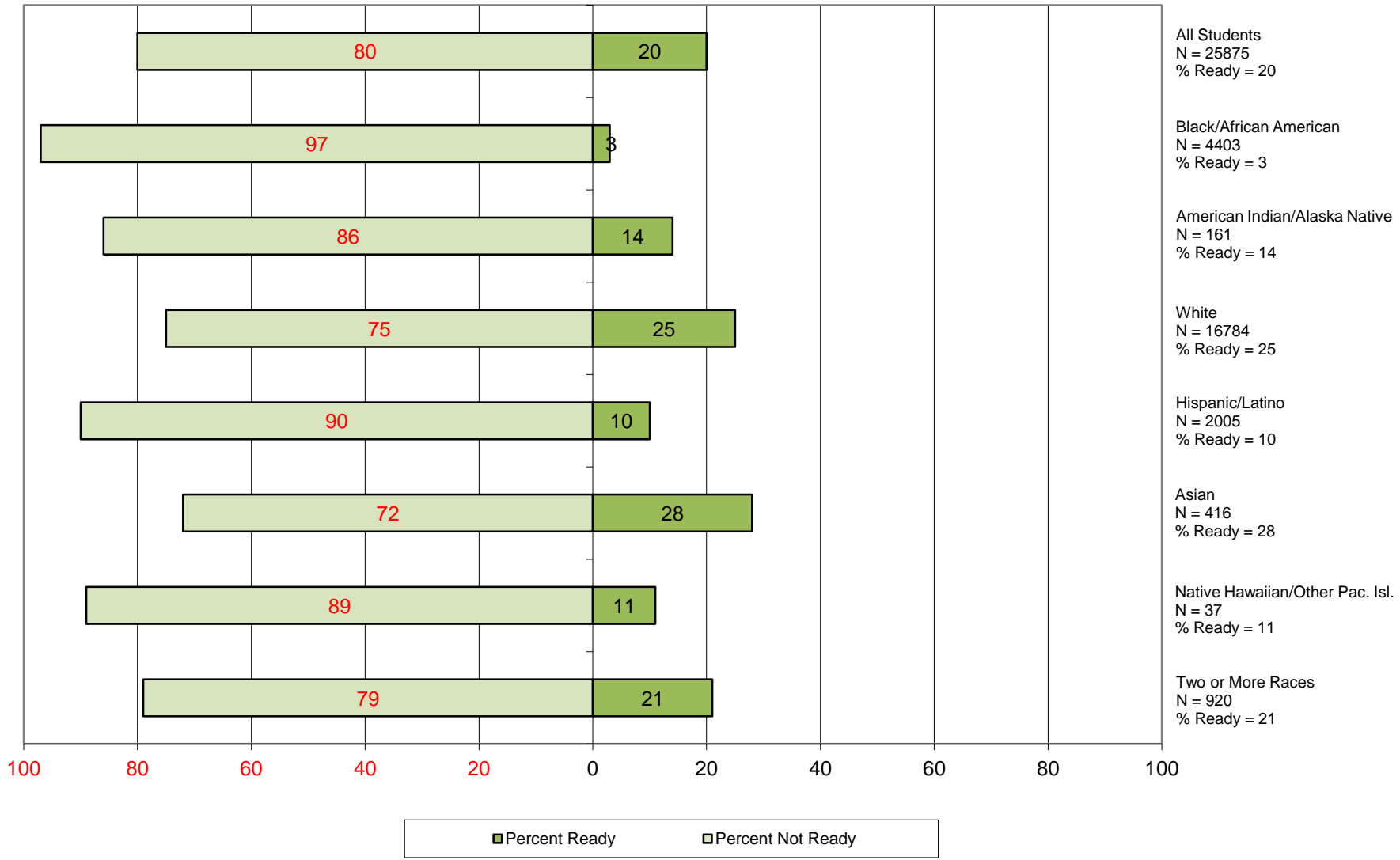


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 25,875

**Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns**

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,673	22	21.4	5.1	2,427	21	21.1	5.6	3,189	23	21.6	4.4
Eng 9, Eng 10, Eng 11, Eng 12	18,685	72	19.8	3.5	8,596	73	19.5	4.0	9,873	72	20.2	3.0
Less than 4 years of English	810	3	16.3	-	386	3	15.5	-	364	3	17.2	-
Zero years / no English courses reported	707	3	15.5	-	397	3	15.1	-	268	2	16.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,341	5	22.3	6.6	608	5	23.2	7.4	719	5	21.6	5.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,584	10	21.8	6.1	991	8	22.4	6.6	1,580	12	21.5	5.8
Alg 1, Alg 2, Geom, & Trig	1,454	6	19.3	3.6	646	5	20.0	4.2	785	6	18.9	3.2
Alg 1, Alg 2, Geom, & Other Adv Math	7,581	29	18.7	3.0	3,115	26	18.8	3.0	4,372	32	18.6	2.9
Other comb of 4 or more years of Math	8,016	31	22.0	6.3	3,971	34	22.6	6.8	3,997	29	21.4	5.7
Alg 1, Alg 2, & Geom	2,408	9	16.9	1.2	1,177	10	17.0	1.2	1,160	8	16.7	1.0
Other comb of 3 or 3.5 years of Math	836	3	18.1	2.4	400	3	18.6	2.8	421	3	17.7	2.0
Less than 3 years of Math	838	3	15.7	-	445	4	15.8	-	347	3	15.7	-
Zero years / no Math courses reported	817	3	16.8	-	453	4	17.0	-	313	2	16.8	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,538	6	21.7	4.3	788	7	21.6	4.6	731	5	21.9	4.0
Other comb of 4 or more years Social Science	10,264	40	21.6	4.2	4,686	40	21.4	4.4	5,521	40	21.8	3.9
US Hist, World Hist, & Am Gov	5,447	21	19.6	2.2	2,500	21	19.4	2.4	2,851	21	19.9	2.0
Other comb of 3 or 3.5 years of Social Science	6,399	25	20.5	3.1	2,763	23	20.3	3.3	3,550	26	20.7	2.8
Less than 3 years of Social Science	1,493	6	17.4	-	659	6	17.0	-	761	6	17.9	-
Zero years / no Social Science courses reported	734	3	16.9	-	410	3	16.5	-	280	2	17.8	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	9,103	35	21.2	4.5	4,586	39	22.0	5.4	4,429	32	20.4	3.5
Bio, Chem, Phys	672	3	23.1	6.4	303	3	23.8	7.2	369	3	22.6	5.7
Gen Sci <sup>2</sup> , Bio, Chem	11,732	45	20.0	3.3	4,610	39	20.2	3.6	6,960	51	19.8	2.9
Other comb of 3 years of Natural Science	1,311	5	19.8	3.1	702	6	20.2	3.6	597	4	19.3	2.4
Less than 3 years of Natural Science	2,312	9	16.7	-	1,189	10	16.6	-	1,055	8	16.9	-
Zero years / no Natural Science courses reported	745	3	17.2	-	416	4	17.2	-	284	2	17.5	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

<sup>2</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 25,875

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,673	22	21.4	72	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	18,685	72	19.8	63	1,265,911	70	20.3	65
Less than 4 years of English	810	3	16.3	39	84,048	5	15.9	36
Zero years / no English courses reported	707	3	15.5	35	68,909	4	16.4	38
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,341	5	22.3	56	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,584	10	21.8	55	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	1,454	6	19.3	30	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	7,581	29	18.7	23	336,291	19	19.6	32
Other comb of 4 or more years of Math	8,016	31	22.0	53	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	2,408	9	16.9	8	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	836	3	18.1	19	88,866	5	19.7	34
Less than 3 years of Math	838	3	15.7	4	77,906	4	16.3	7
Zero years / no Math courses reported	817	3	16.8	12	72,640	4	17.9	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,538	6	21.7	46	50,989	3	22.2	51
Other comb of 4 or more years Social Science	10,264	40	21.6	46	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	5,447	21	19.6	32	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	6,399	25	20.5	39	489,586	27	21.0	43
Less than 3 years of Social Science	1,493	6	17.4	20	171,617	10	19.1	32
Zero years / no Social Science courses reported	734	3	16.9	19	72,636	4	17.7	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	9,103	35	21.2	38	767,293	43	21.9	46
Bio, Chem, Phys	672	3	23.1	53	183,685	10	23.0	54
Gen Sci <sup>1</sup> , Bio, Chem	11,732	45	20.0	27	504,165	28	19.9	28
Other comb of 3 years of Natural Science	1,311	5	19.8	27	51,822	3	19.1	25
Less than 3 years of Natural Science	2,312	9	16.7	8	218,267	12	18.0	17
Zero years / no Natural Science courses reported	745	3	17.2	12	74,011	4	17.8	18

<sup>1</sup>Includes General, Physical and Earth Sciences.

# Section IV

## Career and Educational Aspirations

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 25,875

**Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans**

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	757	3	18.9	120	6	16.3	596	3	19.5
Architecture	362	1	20.3	29	1	15.7	314	1	20.9
Area, Ethnic, & Multidisciplinary Studies	16	0	21.5	1	0	14.0	14	0	22.1
Arts: Visual & Performing	1,816	7	20.1	155	8	16.5	1,557	7	20.6
Business	1,874	7	20.0	172	9	16.4	1,620	7	20.5
Communications	389	2	21.0	22	1	16.9	358	2	21.3
Community, Family, & Personal Services	804	3	17.7	176	9	16.0	576	3	18.4
Computer Science & Mathematics	651	3	21.5	46	2	17.5	573	3	21.9
Education	1,827	7	20.0	56	3	17.4	1,693	8	20.2
Engineering	1,304	5	21.9	82	4	16.6	1,158	5	22.5
Engineering Technology & Drafting	394	2	19.3	54	3	15.9	308	1	20.2
English & Foreign Languages	249	1	22.8	13	1	19.7	224	1	23.1
Health Administration & Assisting	1,079	4	18.1	113	6	16.1	906	4	18.4
Health Sciences & Technologies	5,563	21	20.7	233	12	17.1	5,144	24	21.0
Philosophy, Religion, & Theology	168	1	21.6	7	0	18.0	154	1	21.8
Repair, Production, & Construction	454	2	17.6	218	11	17.0	203	1	18.2
Sciences: Biological & Physical	1,205	5	22.9	20	1	16.3	1,142	5	23.1
Social Sciences & Law	1,713	7	20.9	61	3	16.2	1,563	7	21.3
Undecided	4,129	16	20.6	298	15	16.4	3,400	16	21.3
No Response	1,073	4	16.2	74	4	13.9	123	1	15.9

<sup>1</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

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

Total Students in Report: 25,875

**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	576	16.4	100	14.3	3	19.3	366	17.0	47	15.8
2-yr College Degree	1,390	16.5	271	14.4	5	18.4	844	17.3	153	15.9
Bachelors Degree	13,488	19.7	2,281	16.5	82	19.1	8,955	20.7	1,123	18.5
Graduate Study	2,785	23.1	312	18.4	25	21.3	2,044	24.1	145	21.1
Prof. Level Degree	5,375	22.7	917	18.6	27	21.9	3,451	23.9	369	21.5
Other	547	16.9	119	14.8	2	16.0	316	17.8	61	16.1
No Response	1,714	17.7	403	15.0	17	15.8	808	19.0	107	17.4

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	576	16.4	14	18.1	1	16.0	11	16.0	34	15.4
2-yr College Degree	1,390	16.5	9	17.1	5	14.6	42	17.0	61	15.7
Bachelors Degree	13,488	19.7	181	20.0	14	18.0	469	20.0	383	19.0
Graduate Study	2,785	23.1	55	23.9	2	22.5	94	22.4	108	21.2
Prof. Level Degree	5,375	22.7	127	25.5	11	20.5	253	23.0	220	22.0
Other	547	16.9	10	17.1	0	.	11	18.5	28	16.6
No Response	1,714	17.7	20	21.3	4	15.8	40	19.3	315	17.6

Total Students in Report: 25,875

**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	7,548	3,458	4,090	1	6	21	32	24	13	1
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	6,440	1,990	4,450	2	10	27	31	21	9	0
ARKANSAS STATE UNIVERSITY	Arkansas	4,896	1,794	3,102	2	11	28	31	21	7	0
ARKANSAS TECH UNIVERSITY	Arkansas	3,513	1,152	2,361	2	11	29	32	20	7	0
HENDERSON STATE UNIVERSITY	Arkansas	2,020	630	1,390	2	15	35	29	15	4	0
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	1,871	447	1,424	3	16	32	28	16	5	0
UNIV OF ARKANSAS-FORT SMITH	Arkansas	1,535	591	944	1	8	30	34	20	7	0
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,112	385	727	3	15	35	30	14	4	0
HARDING UNIVERSITY	Arkansas	958	322	636	1	5	19	31	28	15	1
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	946	360	586	3	20	35	27	12	3	0
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	940	409	531	2	16	36	32	12	3	0
OUACHITA BAPTIST UNIVERSITY	Arkansas	885	243	642	2	8	20	29	25	15	1
HENDRIX COLLEGE	Arkansas	830	187	643	2	6	14	23	25	28	3
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	709	273	436	2	15	33	33	14	3	0
PULASKI TECHNICAL COLLEGE	Arkansas	705	270	435	5	25	39	23	7	2	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	681	681	0	18	33	28	13	5	2	1
LYON COLLEGE	Arkansas	631	149	482	2	7	16	33	27	15	0
NCAA ELIGIBILITY CENTER	Indiana	592	278	314	3	16	31	26	19	4	0
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	588	163	425	9	38	37	12	3	1	0
UNIVERSITY OF THE OZARKS	Arkansas	475	103	372	2	11	30	32	18	7	0
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	464	150	314	3	17	37	30	11	2	0
JOHN BROWN UNIVERSITY	Arkansas	420	128	292	1	6	18	25	30	18	1
NORTH ARKANSAS COLLEGE	Arkansas	362	171	191	3	16	35	31	14	2	0
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	361	40	321	2	11	26	35	21	5	0
TALENT SEARCH PROGRAM-UALR	Arkansas	333	83	250	5	17	34	27	11	5	1
WILLIAMS BAPTIST COLLEGE	Arkansas	333	74	259	1	10	32	29	22	5	0
OKLAHOMA STATE UNIVERSITY	Oklahoma	324	48	276	1	5	17	28	28	20	1
COLLEGE OF THE OZARKS	Missouri	290	96	194	0	8	25	35	23	8	0
CENTRAL BAPTIST COLLEGE	Arkansas	279	51	228	3	9	31	35	17	4	0
BAYLOR UNIVERSITY	Texas	277	49	228	1	4	12	26	27	26	3
All Other Institutions		15,827	4,228	11,599	4	14	25	24	18	13	2
<b>Total</b>		<b>57,145</b>	<b>19,003</b>	<b>38,142</b>	<b>3</b>	<b>12</b>	<b>27</b>	<b>29</b>	<b>19</b>	<b>10</b>	<b>1</b>

# Section V

## Optional Writing Test Results

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 25,875

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>2,309</b>	<b>942,769</b>	<b>23.3</b>	<b>21.3</b>	<b>6.8</b>	<b>7.0</b>	<b>21.9</b>	<b>20.5</b>
Black/African American	344	114,751	17.9	16.3	6.3	6.1	17.4	16.0
American Indian/Alaska Native	16	6,031	22.0	16.8	6.4	6.1	20.5	16.4
White	1,426	518,407	24.7	22.9	6.9	7.2	23.0	21.9
Hispanic/Latino	214	151,504	20.9	18.6	6.9	6.8	20.1	18.3
Asian	95	54,580	27.1	23.5	7.8	7.6	25.5	22.7
Native Hawaiian/Other Pac. Isl.	4	2,812	20.3	19.5	6.8	6.9	19.5	19.2
Two or more races	115	35,355	23.3	21.5	6.7	7.0	21.8	20.6
Prefer not/No Response	95	59,329	24.1	21.8	6.7	7.1	22.3	20.9
Males	978	423,104	23.3	21.0	6.6	6.7	21.6	20.1
Females	1,331	513,945	23.4	21.6	7.0	7.2	22.1	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5





