



Profile Report - State

Graduating Class 2015

Arkansas



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This report provides information about the performance of your 2015 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2015. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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: 26,955 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. 84% 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 2% of the cohort took less than three years of math courses. Of these students, 8% 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 7% of the cohort took less than three years of natural science courses. 9% 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

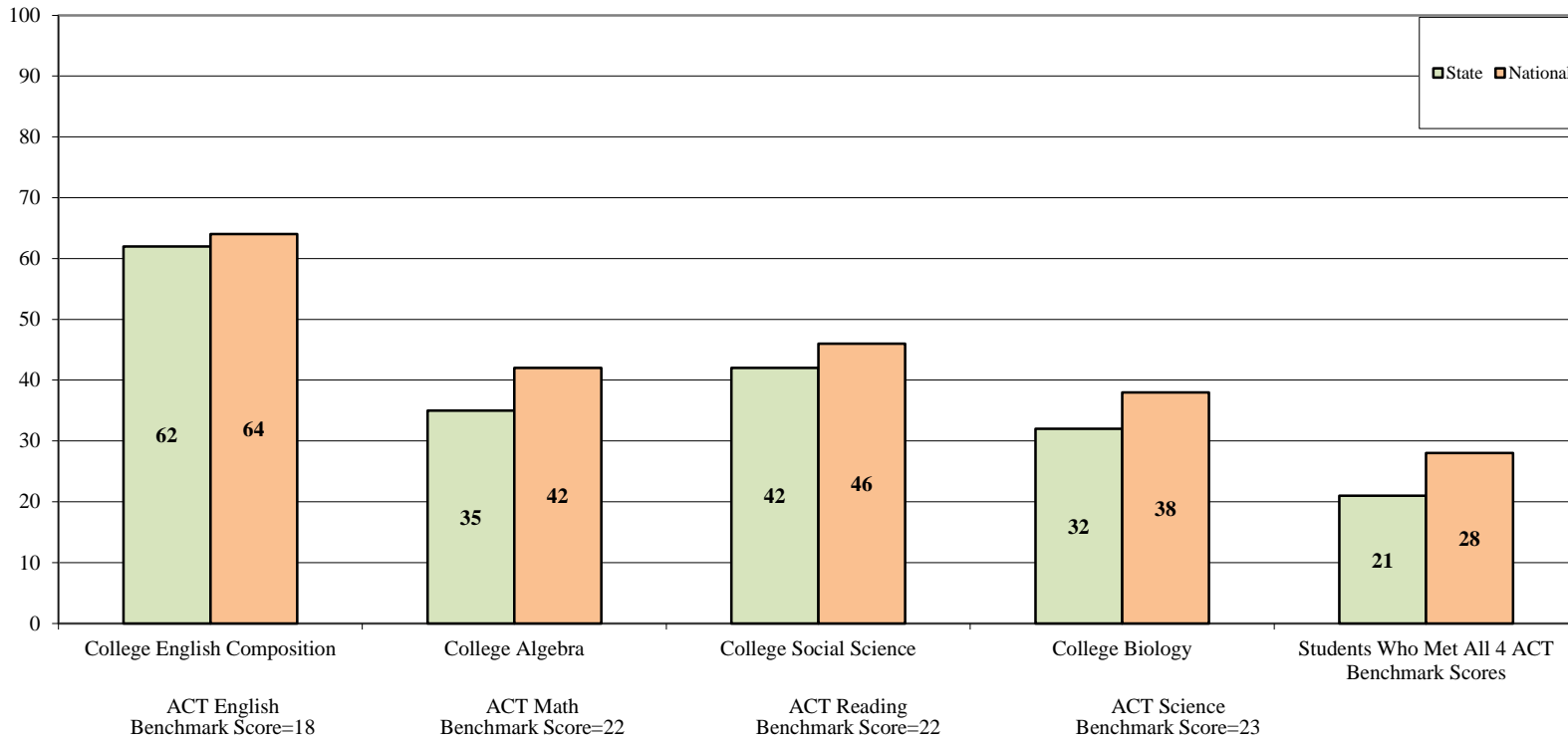
Executive Summary

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: 26,955

Table 1.1. Five Year Trends—Percent of Students Who Met College Readiness Benchmarks

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2011	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
2015	26,955	1,924,436	62	64	35	42	42	46	32	38	21	28

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2011	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
2015	26,955	1,924,436	20.0	20.4	20.0	20.8	20.9	21.4	20.3	20.9	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
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
2015	1,924,436	20.4	20.8	21.4	20.9	21.0

Total Students in Report: 26,955

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
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
2015	22,572	3,364	84	12	20.8	16.2	20.5	17.5	21.5	17.7	20.9	17.7	21.1	17.4

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.

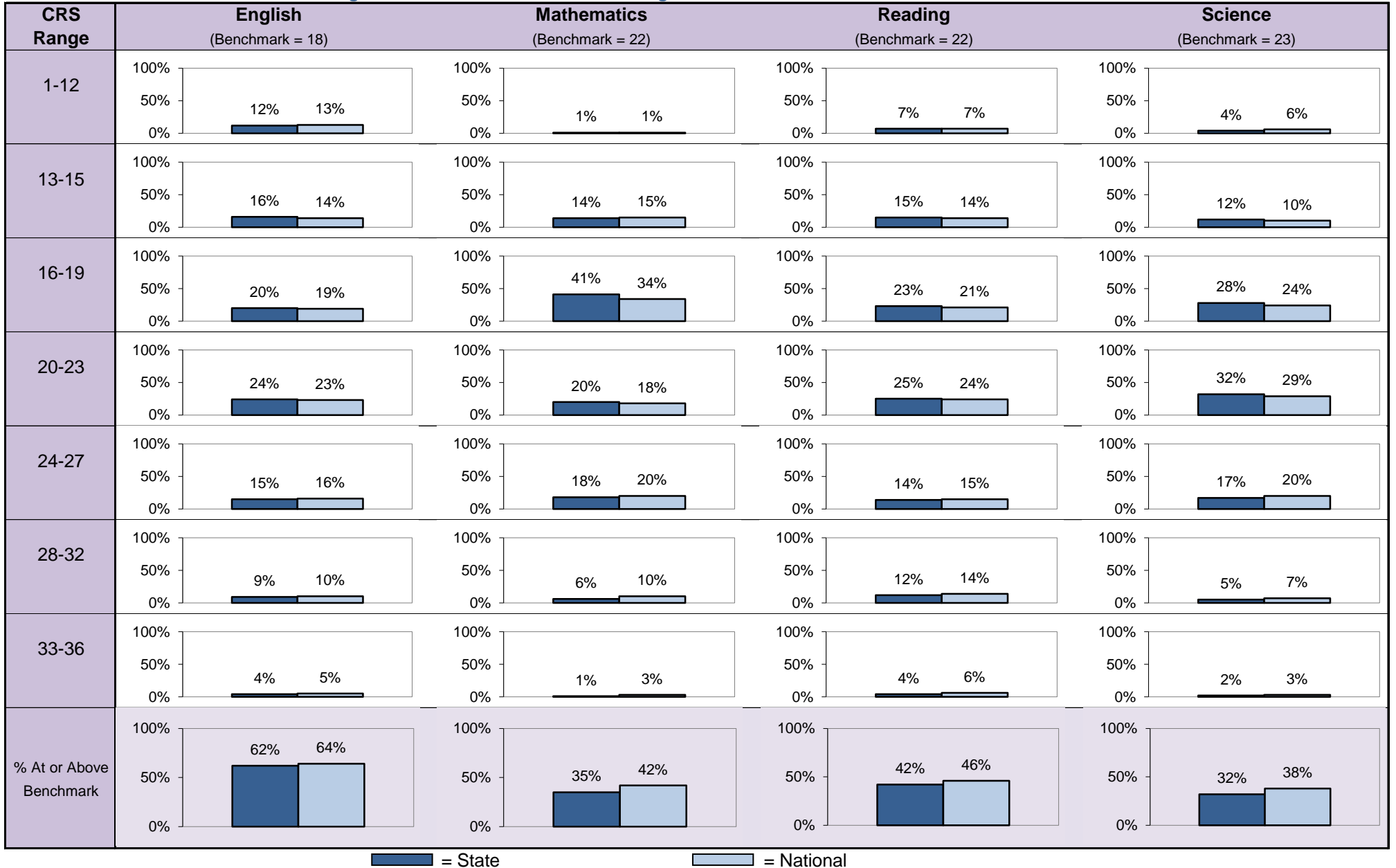
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	27,020	100	19.9	26,058	100	20.3	25,875	100	20.2	26,821	100	20.4	26,955	100	20.4
Black/African American	4,880	18	16.6	4,677	18	16.9	4,403	17	16.7	4,452	17	16.9	4,540	17	16.9
American Indian/Alaska Native	274	1	19.8	178	1	19.7	161	1	19.5	138	1	19.8	167	1	19.6
White	17,526	65	21.1	17,282	66	21.4	16,784	65	21.4	17,181	64	21.6	17,071	63	21.6
Hispanic/Latino	1,666	6	18.5	1,776	7	18.7	2,005	8	18.9	2,179	8	18.8	2,342	9	19.0
Asian	492	2	21.4	433	2	21.3	416	2	22.1	466	2	22.3	519	2	22.5
Native Hawaiian/Other Pacific Islander	19	0	19.3	28	0	18.9	37	0	18.2	54	0	17.2	41	0	18.4
Two or more races	601	2	20.6	758	3	20.7	920	4	20.8	942	4	20.8	1,106	4	20.7
Prefer not to respond/No response	1,562	6	18.1	926	4	19.3	1,149	4	19.0	1,409	5	19.1	1,169	4	19.1

Total Students in Report: 26,955

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



Total Students in Report: 26,955

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	26,204	97	20.1	20.0	20.9	20.4	20.5
	Extended Time	751	3	16.0	17.5	18.0	17.6	17.4
	Total	26,955	100	20.0	20.0	20.9	20.3	20.4
National	Standard Time	1,838,433	96	20.6	21.0	21.5	21.1	21.2
	Extended Time	86,003	4	16.5	18.1	18.8	18.3	18.1
	Total	1,924,436	100	20.4	20.8	21.4	20.9	21.0

Table 1.8. Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	63	36	43	32	22
	Extended Time	36	19	29	20	13
	Total	62	35	42	32	21
National	Standard Time	65	43	47	39	28
	Extended Time	38	22	32	23	16
	Total	64	42	46	38	28

Section II

Academic Achievement

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

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

Total Students in Report: 26,955

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	81	100	16	100	147	100	93	100	12	100	36
35	300	100	59	100	121	99	105	100	45	100	35
34	386	99	90	100	409	99	158	99	113	100	34
33	366	97	87	99	464	97	175	99	169	99	33
32	377	96	149	99	524	96	245	98	292	99	32
31	471	94	140	99	733	94	126	97	303	98	31
30	428	93	205	98	698	91	195	97	436	97	30
29	526	91	318	97	617	89	342	96	503	95	29
28	575	89	710	96	702	86	411	95	703	93	28
27	711	87	821	93	754	84	540	93	902	90	27
26	935	84	1,285	90	807	81	1,095	91	1,043	87	26
25	1,241	81	1,138	86	861	78	1,468	87	1,158	83	25
24	1,206	76	1,581	81	1,392	75	1,502	82	1,463	79	24
23	1,540	72	1,493	76	1,528	69	2,140	76	1,527	74	23
22	1,419	66	1,422	70	1,678	64	1,780	68	1,744	68	22
21	1,760	61	1,173	65	1,602	58	2,478	62	1,885	61	21
20	1,791	54	1,352	60	1,845	52	2,185	52	1,996	54	20
19	1,238	48	1,954	55	1,588	45	2,179	44	2,091	47	19
18	1,359	43	2,146	48	1,860	39	2,090	36	1,957	39	18
17	1,247	38	3,228	40	1,400	32	1,385	28	1,975	32	17
16	1,452	33	3,647	28	1,371	27	1,847	23	1,943	25	16
15	2,092	28	2,329	15	1,550	22	1,521	16	1,654	17	15
14	1,272	20	1,038	6	1,300	16	899	11	1,359	11	14
13	934	16	364	2	1,244	11	868	7	985	6	13
12	865	12	144	1	947	7	472	4	513	3	12
11	840	9	51	1	468	3	348	2	150	1	11
10	676	6	6	1	225	1	177	1	27	1	10
9	470	3	4	1	50	1	83	1	6	1	9
8	241	1	5	1	34	1	34	1	0	1	8
7	102	1	0	1	16	1	6	1	0	1	7
6	40	1	0	1	15	1	6	1	1	1	6
5	8	1	0	1	0	1	0	1	0	1	5
4	5	1	0	1	4	1	0	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	1	1	0	1	1
Avg (SD)	20.0 (6.4)		20.0 (4.6)		20.9 (6.1)		20.3 (4.9)		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: 26,955

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	757	100	421	100	560	100	833	100	368	100	69	100	80	100	18
17	1,218	97	338	98	1,086	98	1,081	97	522	99	112	100	26	100	17
16	962	93	1,395	97	1,141	94	1,505	93	1,097	97	281	99	419	100	16
15	1,152	89	1,526	92	1,695	90	1,817	87	1,073	93	903	98	992	98	15
14	1,175	85	1,649	86	1,483	83	1,803	81	1,464	89	1,815	95	1,549	94	14
13	1,304	80	1,920	80	2,067	78	1,796	74	2,218	83	2,319	88	2,153	89	13
12	1,762	76	2,474	73	2,563	70	2,161	67	2,689	75	2,333	80	2,720	81	12
11	2,887	69	2,693	64	2,213	61	1,998	59	2,169	65	3,708	71	2,730	71	11
10	2,938	58	2,789	54	3,487	52	2,261	52	2,810	57	4,999	57	4,417	60	10
9	2,337	47	3,108	44	2,362	40	2,349	43	2,530	47	4,053	39	4,021	44	9
8	2,379	39	2,909	32	3,302	31	2,116	35	3,256	37	3,104	24	3,428	29	8
7	2,428	30	1,770	21	2,482	19	2,145	27	3,893	25	1,808	12	1,759	16	7
6	2,219	21	1,397	15	1,286	9	2,470	19	1,705	11	474	5	1,135	10	6
5	1,518	13	1,349	10	731	5	1,491	10	715	4	563	4	813	6	5
4	1,061	7	864	5	301	2	802	4	276	2	90	2	225	3	4
3	630	3	294	1	80	1	245	1	125	1	266	1	353	2	3
2	198	1	53	1	99	1	75	1	41	1	6	1	15	1	2
1	30	1	6	1	17	1	7	1	4	1	52	1	120	1	1
Avg (SD)	9.9 (3.9)		10.3 (3.5)		10.7 (3.4)		10.5 (3.9)		10.2 (3.3)		10.3 (2.6)		10.0 (2.8)		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: 26,955

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	26,955	84	21.1	17.4
	Black/African American	4,540	77	17.4	15.6
	American Indian/Alaska Native	167	80	20.7	16.4
	White	17,071	87	22.1	18.2
	Hispanic/Latino	2,342	85	19.5	16.5
	Asian	519	86	23.0	19.8
	Native Hawaiian/Other Pac. Isl.	41	80	19.2	16.0
	Two or more races	1,106	86	21.2	18.0
	Prefer not/No Response	1,169	53	21.1	16.7
National	All Students	1,924,436	72	21.9	18.9
	Black/African American	252,566	67	17.8	15.9
	American Indian/Alaska Native	14,711	61	19.0	16.5
	White	1,057,803	76	23.2	20.2
	Hispanic/Latino	299,920	71	19.6	17.4
	Asian	87,499	79	24.5	22.0
	Native Hawaiian/Other Pac. Isl.	6,090	62	20.3	16.5
	Two or more races	76,066	73	22.0	19.3
	Prefer not/No Response	129,781	54	22.6	18.5

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	20.0	20.0	20.9	20.3	20.4
	Black/African American	15.8	17.0	17.0	17.3	16.9
	American Indian/Alaska Native	19.2	19.1	20.0	19.5	19.6
	White	21.5	20.8	22.1	21.3	21.6
	Hispanic/Latino	18.0	19.1	19.3	19.3	19.0
	Asian	21.8	23.6	21.8	22.5	22.5
	Native Hawaiian/Other Pac. Isl.	17.6	18.2	18.7	18.7	18.4
	Two or more races	20.4	19.9	21.5	20.6	20.7
	Prefer not/No Response	18.4	18.9	19.7	19.1	19.1
National	All Students	20.4	20.8	21.4	20.9	21.0
	Black/African American	15.9	17.2	17.4	17.3	17.1
	American Indian/Alaska Native	16.6	18.1	18.4	18.2	17.9
	White	22.1	21.9	22.9	22.2	22.4
	Hispanic/Latino	17.8	19.1	19.2	19.0	18.9
	Asian	23.0	25.0	23.3	23.6	23.9
	Native Hawaiian/Other Pac. Isl.	17.7	19.2	18.9	18.8	18.8
	Two or more races	20.7	20.8	21.8	21.1	21.2
	Prefer not/No Response	19.9	20.5	21.1	20.5	20.6

Total Students in Report: 26,955

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	1,133	4	252	1	1,141	4	531	2
	28 to 32	2,377	9	1,522	6	3,274	12	1,319	5
	24 to 27	4,093	15	4,825	18	3,814	14	4,605	17
	20 to 23	6,510	24	5,440	20	6,653	25	8,583	32
	16 to 19	5,296	20	10,975	41	6,219	23	7,501	28
	13 to 15	4,298	16	3,731	14	4,094	15	3,288	12
	01 to 12	3,248	12	210	1	1,760	7	1,128	4
National	33 to 36	100,774	5	54,201	3	114,663	6	62,731	3
	28 to 32	198,676	10	185,515	10	261,565	14	140,666	7
	24 to 27	303,299	16	384,130	20	281,364	15	388,063	20
	20 to 23	444,997	23	352,854	18	463,232	24	559,967	29
	16 to 19	357,690	19	646,399	34	409,189	21	462,353	24
	13 to 15	277,710	14	283,831	15	264,288	14	200,383	10
	01 to 12	241,290	13	17,506	1	130,135	7	110,273	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	12,380	46	19.7	20.4	20.8	20.7	20.5
	Females	14,202	53	20.5	19.6	21.0	20.1	20.4
	Missing	373	1	14.9	17.3	16.6	17.0	16.6
National	Males	895,775	47	20.0	21.3	21.2	21.3	21.1
	Females	1,013,212	53	20.8	20.4	21.6	20.6	21.0
	Missing	15,449	1	15.7	17.7	17.6	17.5	17.3

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	60	39	42	36	24
	Females	65	32	43	29	20
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 26,955

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	22,572	67	20.8	39	20.5	47	21.5	36	20.9	24	21.1
	Less than Core	3,364	36	16.2	14	17.5	22	17.7	13	17.7	6	17.4
	Missing ³	1,019	29	14.8	12	16.8	20	16.8	14	16.7	7	16.4
National	Core or More	1,389,338	71	21.4	49	21.7	52	22.3	44	21.8	33	21.9
	Less than Core	424,562	48	18.0	27	18.9	32	19.3	24	19.0	16	18.9
	Missing	110,536	38	16.3	19	17.8	25	18.0	19	17.8	11	17.6

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	25,248	64	20.3	25,408	37	20.2	24,666	44	21.2	24,287	34	20.7
	Less than Core	869	41	16.4	616	8	16.3	1,408	20	17.4	1,769	9	16.9
	Missing ³	838	32	15.3	931	13	16.8	881	22	17.2	899	16	16.9
National	Core or More	1,732,463	67	20.8	1,743,121	45	21.2	1,627,689	49	21.8	1,592,830	42	21.5
	Less than Core	93,944	36	15.9	78,951	8	16.3	194,720	34	19.5	227,926	18	18.1
	Missing	98,029	40	16.5	102,364	20	17.8	102,027	26	18.1	103,680	20	18.0

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

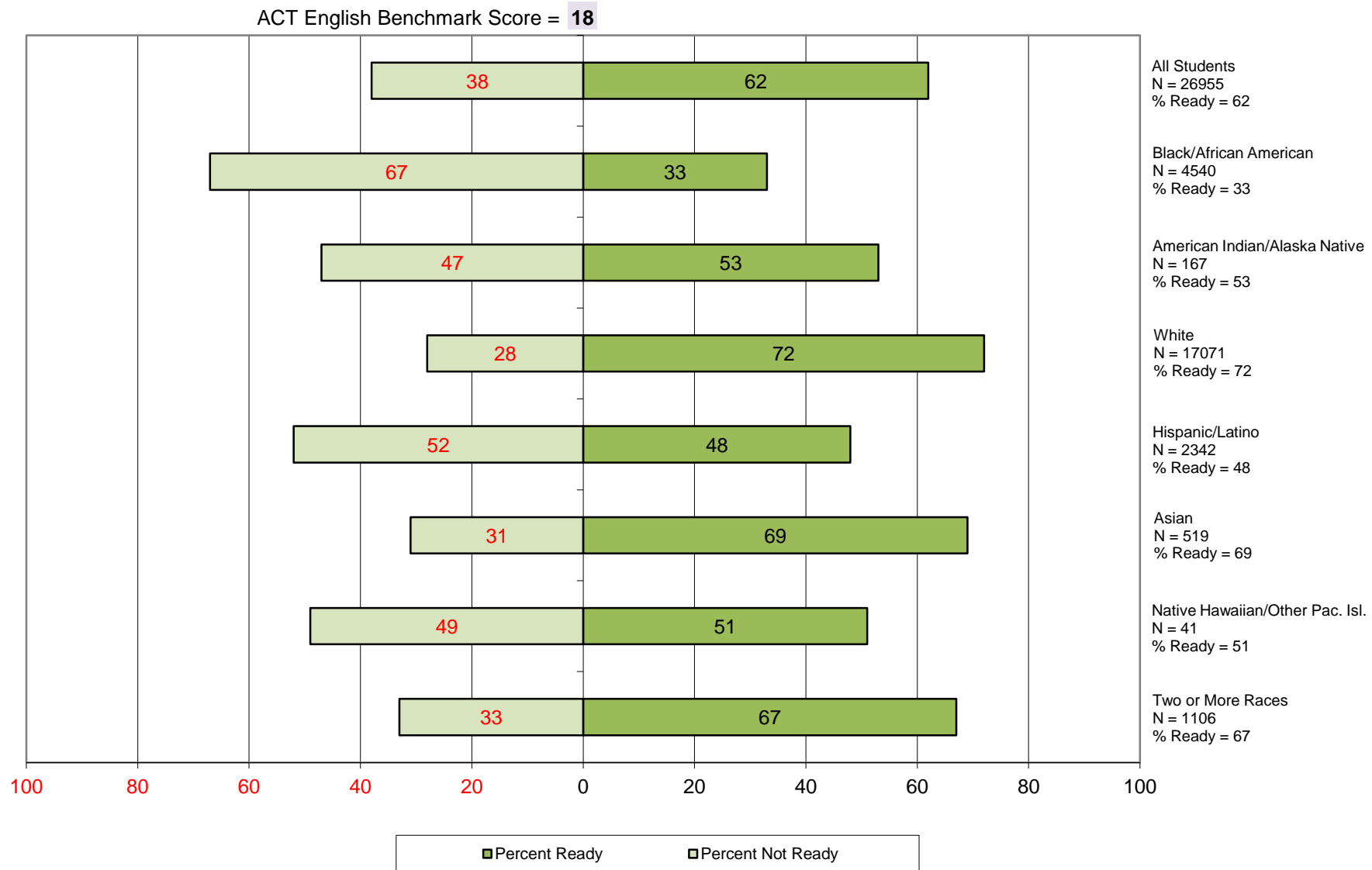


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

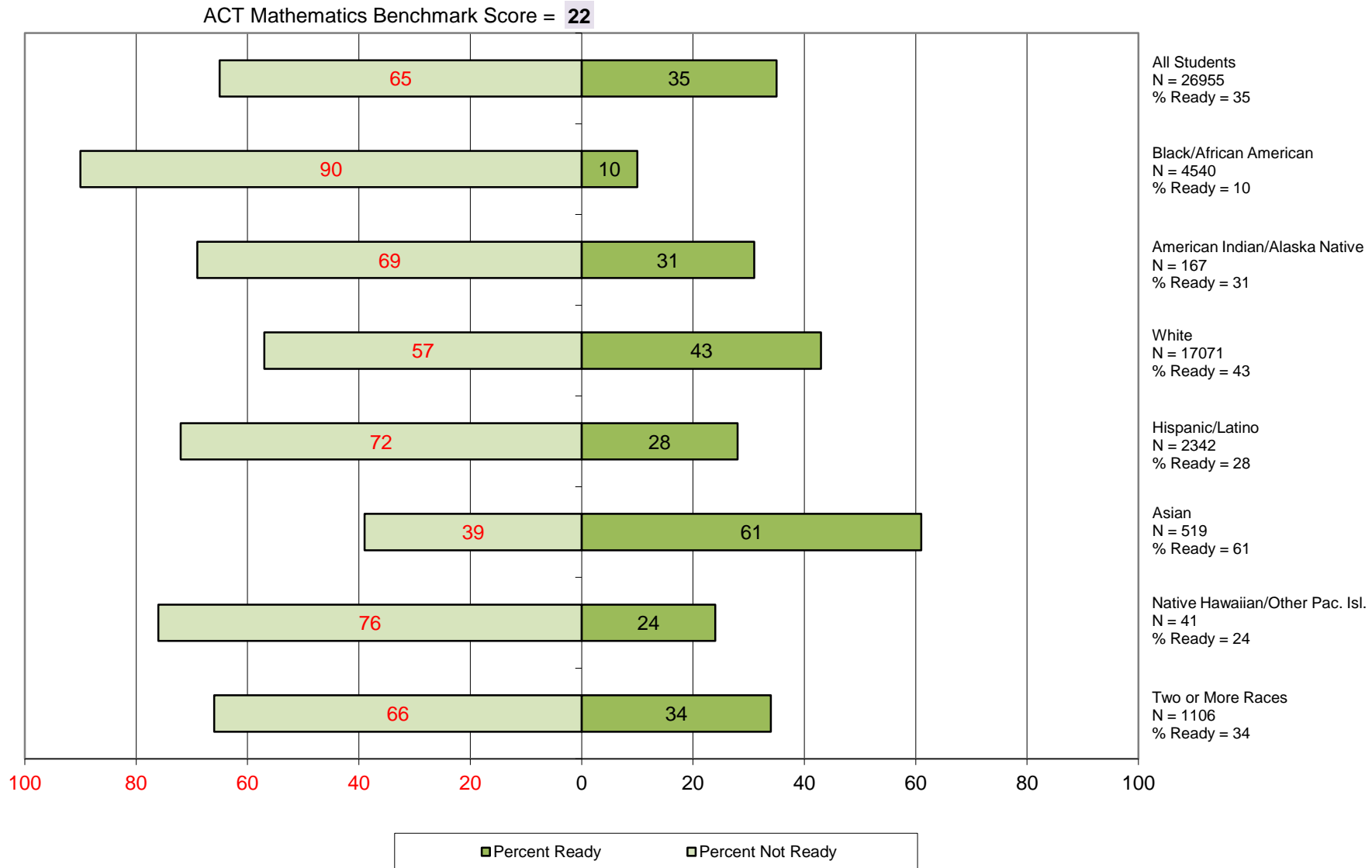


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

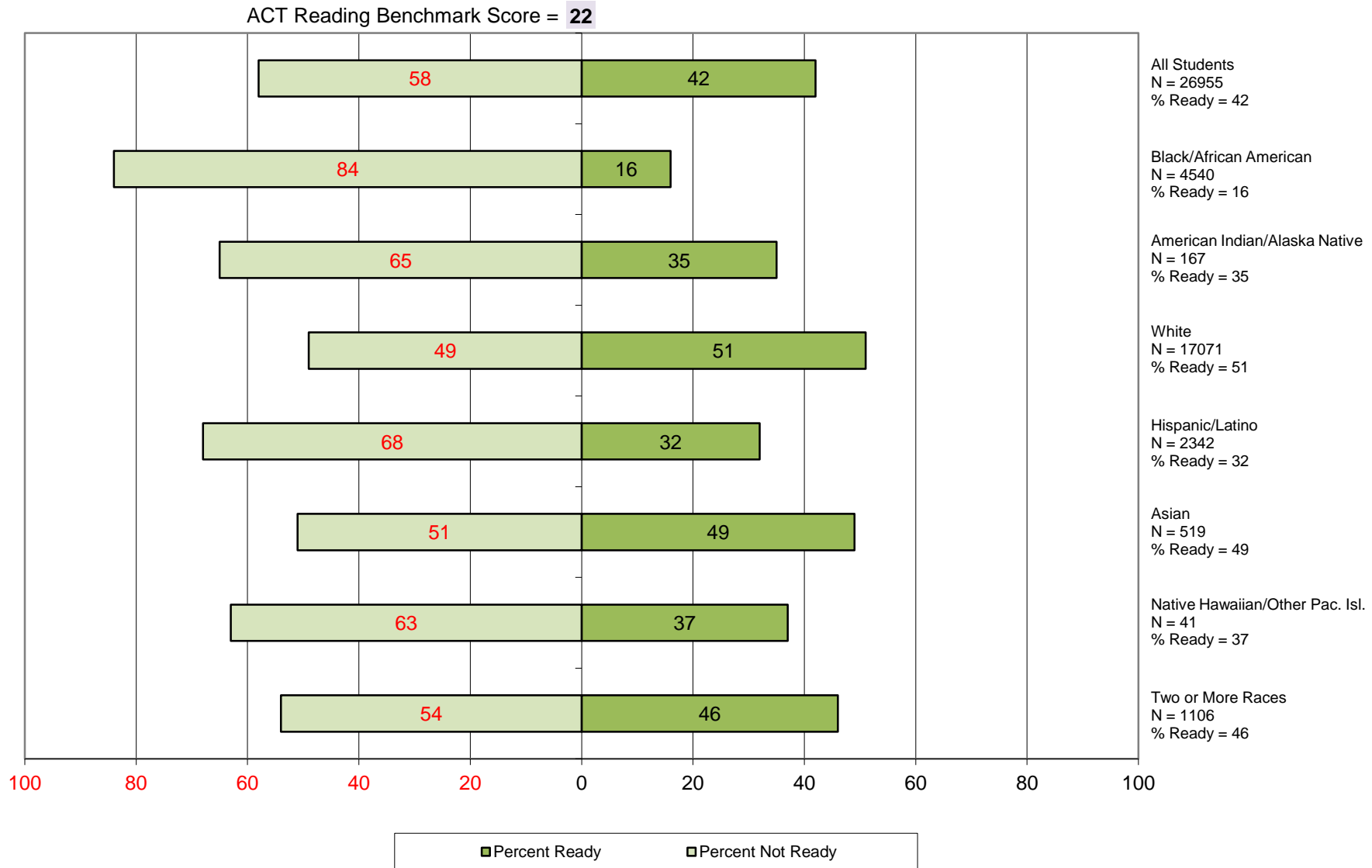


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

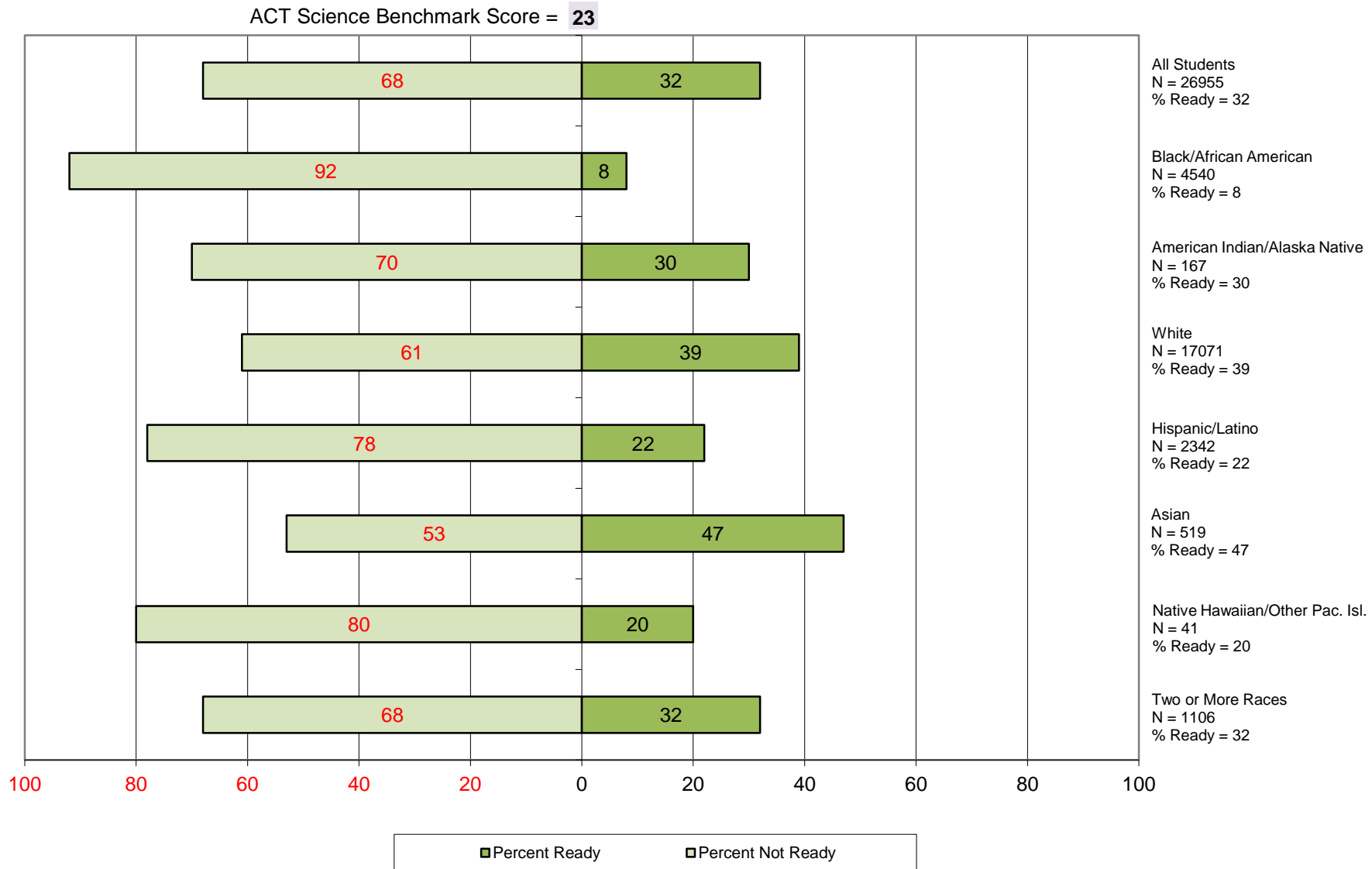
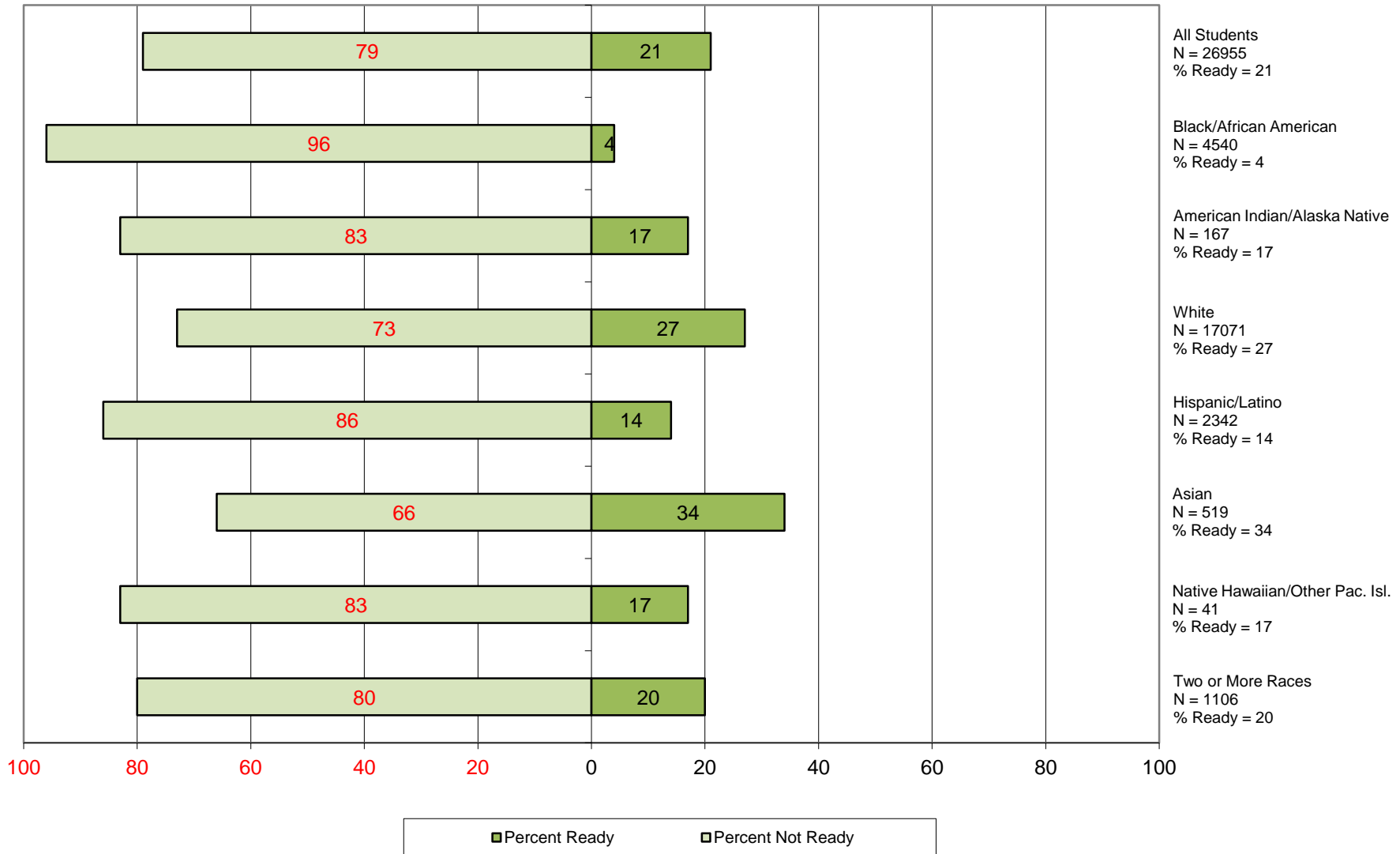


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 26,955

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	5,959	22	21.3	4.9	2,604	21	20.8	4.7	3,344	24	21.6	4.4
Eng 9, Eng 10, Eng 11, Eng 12	19,289	72	20.0	3.6	8,931	72	19.7	3.6	10,205	72	20.3	3.1
Less than 4 years of English	869	3	16.4	-	427	3	16.1	-	380	3	17.2	-
Zero years / no English courses reported	838	3	15.3	-	418	3	15.1	-	273	2	16.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,312	5	22.0	5.7	609	5	23.0	6.6	689	5	21.1	5.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,313	9	21.6	5.3	915	7	22.0	5.6	1,387	10	21.4	5.3
Alg 1, Alg 2, Geom, & Trig	1,198	4	18.9	2.6	516	4	19.6	3.2	663	5	18.5	2.4
Alg 1, Alg 2, Geom, & Other Adv Math	8,425	31	18.8	2.5	3,524	28	19.1	2.7	4,851	34	18.7	2.6
Other comb of 4 or more years of Math	8,915	33	22.0	5.7	4,444	36	22.6	6.2	4,450	31	21.4	5.3
Alg 1, Alg 2, & Geom	2,366	9	16.7	0.4	1,152	9	16.9	0.5	1,167	8	16.5	0.4
Other comb of 3 or 3.5 years of Math	879	3	18.6	2.3	458	4	18.8	2.4	412	3	18.4	2.3
Less than 3 years of Math	616	2	16.3	-	306	2	16.4	-	262	2	16.1	-
Zero years / no Math courses reported	931	3	16.8	-	456	4	17.0	-	321	2	16.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	213	1	20.2	2.8	127	1	20.5	2.8	84	1	20.1	2.7
Other comb of 4 or more years Social Science	15,572	58	21.8	4.4	6,934	56	21.7	4.0	8,560	60	21.9	4.5
US Hist, World Hist, & Am Gov	645	2	18.3	0.9	352	3	18.2	0.5	285	2	18.4	1.0
Other comb of 3 or 3.5 years of Social Science	8,236	31	20.3	2.9	3,855	31	20.3	2.6	4,310	30	20.3	2.9
Less than 3 years of Social Science	1,408	5	17.4	-	671	5	17.7	-	679	5	17.4	-
Zero years / no Social Science courses reported	881	3	17.2	-	441	4	17.2	-	284	2	18.1	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	10,163	38	21.3	4.4	5,071	41	22.0	5.2	5,041	35	20.7	3.7
Bio, Chem, Phys	949	4	23.1	6.2	419	3	23.8	7.0	528	4	22.6	5.6
Gen Sci ² , Bio, Chem	11,619	43	20.1	3.2	4,683	38	20.4	3.6	6,854	48	20.0	3.0
Other comb of 3 years of Natural Science	1,556	6	19.6	2.7	834	7	20.1	3.3	695	5	19.0	2.0
Less than 3 years of Natural Science	1,769	7	16.9	-	934	8	16.8	-	786	6	17.0	-
Zero years / no Natural Science courses reported	899	3	16.9	-	439	4	17.0	-	298	2	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: 26,955

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	5,959	22	21.3	69	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	19,289	72	20.0	62	1,359,318	71	20.6	65
Less than 4 years of English	869	3	16.4	41	93,944	5	15.9	36
Zero years / no English courses reported	838	3	15.3	32	98,029	5	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,312	5	22.0	51	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,313	9	21.6	53	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	1,198	4	18.9	26	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	8,425	31	18.8	24	362,476	19	19.4	30
Other comb of 4 or more years of Math	8,915	33	22.0	54	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	2,366	9	16.7	8	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	879	3	18.6	22	95,502	5	19.8	34
Less than 3 years of Math	616	2	16.3	8	78,951	4	16.3	8
Zero years / no Math courses reported	931	3	16.8	13	102,364	5	17.8	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	213	1	20.2	41	48,944	3	22.3	51
Other comb of 4 or more years Social Science	15,572	58	21.8	49	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	645	2	18.3	24	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	8,236	31	20.3	38	527,956	27	21.4	46
Less than 3 years of Social Science	1,408	5	17.4	20	194,720	10	19.5	34
Zero years / no Social Science courses reported	881	3	17.2	22	102,027	5	18.1	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	10,163	38	21.3	39	807,744	42	22.2	48
Bio, Chem, Phys	949	4	23.1	55	217,893	11	23.2	55
Gen Sci ¹ , Bio, Chem	11,619	43	20.1	29	512,754	27	20.1	30
Other comb of 3 years of Natural Science	1,556	6	19.6	24	54,439	3	19.1	24
Less than 3 years of Natural Science	1,769	7	16.9	9	227,926	12	18.1	18
Zero years / no Natural Science courses reported	899	3	16.9	16	103,680	5	18.0	20

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: 26,955

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	757	3	19.5	79	4	17.2	632	3	19.9
Architecture	357	1	20.9	15	1	16.3	319	1	21.4
Area, Ethnic, & Multidisciplinary Studies	13	0	20.2	0	0	.	12	0	20.8
Arts: Visual & Performing	1,768	7	20.3	145	8	16.8	1,509	7	20.9
Business	2,073	8	20.2	163	9	17.0	1,815	8	20.7
Communications	322	1	21.4	12	1	15.8	300	1	21.7
Community, Family, & Personal Services	766	3	18.0	150	8	15.9	542	2	18.8
Computer Science & Mathematics	707	3	22.5	47	2	18.3	621	3	22.9
Education	1,816	7	20.1	50	3	15.8	1,692	8	20.3
Engineering	1,547	6	22.2	114	6	16.3	1,360	6	22.9
Engineering Technology & Drafting	399	1	19.5	66	3	16.7	307	1	20.3
English & Foreign Languages	253	1	23.5	12	1	17.4	229	1	23.9
Health Administration & Assisting	1,178	4	18.1	127	7	16.3	997	4	18.4
Health Sciences & Technologies	5,619	21	20.8	234	12	17.0	5,155	23	21.0
Philosophy, Religion, & Theology	155	1	21.5	4	0	20.0	143	1	21.7
Repair, Production, & Construction	464	2	16.9	226	12	16.5	179	1	17.9
Sciences: Biological & Physical	1,306	5	23.1	23	1	16.8	1,235	6	23.3
Social Sciences & Law	1,651	6	21.1	52	3	16.5	1,521	7	21.5
Undecided	4,542	17	20.7	294	16	16.8	3,685	16	21.4
No Response	1,229	5	16.2	63	3	14.0	121	1	16.3

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: 26,955

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	598	16.6	121	14.4	6	15.2	350	17.4	66	16.5
2-yr College Degree	1,290	16.6	257	15.0	9	16.0	727	17.3	181	15.8
Bachelors Degree	14,024	19.9	2,275	16.8	85	19.2	9,205	20.8	1,277	18.7
Graduate Study	2,949	23.4	327	19.0	20	24.5	2,145	24.2	168	21.6
Prof. Level Degree	5,416	23.0	806	19.0	31	21.6	3,494	24.0	455	21.6
Other	526	17.1	112	15.0	3	13.0	287	18.0	58	16.9
No Response	2,152	17.5	642	15.1	13	16.1	863	19.4	137	16.9

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	598	16.6	8	17.9	1	14.0	20	17.2	26	16.5
2-yr College Degree	1,290	16.6	10	16.1	2	14.5	35	18.0	69	16.3
Bachelors Degree	14,024	19.9	223	20.2	18	18.8	603	19.9	338	19.2
Graduate Study	2,949	23.4	65	23.4	3	21.0	115	23.3	106	22.6
Prof. Level Degree	5,416	23.0	180	26.0	11	20.0	268	22.5	171	23.3
Other	526	17.1	4	19.0	0	.	19	17.2	43	17.2
No Response	2,152	17.5	29	20.3	6	14.7	46	19.0	416	17.3

Total Students in Report: 26,955

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	7,274	3,269	4,005	1	6	21	31	25	14	2
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	6,619	2,059	4,560	1	10	28	31	21	8	1
ARKANSAS STATE UNIVERSITY	Arkansas	5,078	1,996	3,082	1	10	29	31	21	8	1
ARKANSAS TECH UNIVERSITY	Arkansas	4,007	1,429	2,578	1	10	30	30	20	7	0
HENDERSON STATE UNIVERSITY	Arkansas	2,058	680	1,378	2	17	34	27	15	5	0
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	2,046	545	1,501	2	14	32	27	16	7	0
UNIV OF ARKANSAS-FORT SMITH	Arkansas	1,526	594	932	1	10	29	31	21	7	0
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,306	460	846	2	17	34	28	15	4	0
HARDING UNIVERSITY	Arkansas	943	354	589	0	5	20	30	28	15	2
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	921	379	542	2	15	36	29	15	3	0
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	909	338	571	3	24	34	24	12	3	0
OUACHITA BAPTIST UNIVERSITY	Arkansas	869	222	647	1	7	23	29	24	14	2
HENDRIX COLLEGE	Arkansas	799	162	637	1	7	12	22	26	28	4
PULASKI TECHNICAL COLLEGE	Arkansas	727	264	463	5	26	36	24	8	1	0
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	701	262	439	2	14	35	32	15	3	0
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	597	157	440	7	37	40	12	3	0	0
LYON COLLEGE	Arkansas	574	125	449	1	7	20	30	26	16	1
NCAA ELIGIBILITY CENTER	Indiana	545	216	329	3	14	32	24	18	8	1
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	442	144	298	2	16	36	30	14	2	0
JOHN BROWN UNIVERSITY	Arkansas	400	125	275	1	6	21	30	26	16	2
OKLAHOMA STATE UNIVERSITY	Oklahoma	395	77	318	0	5	12	27	32	22	2
UNIVERSITY OF THE OZARKS	Arkansas	391	94	297	3	11	28	33	17	9	0
COLLEGE OF THE OZARKS	Missouri	342	122	220	1	8	24	38	22	8	0
BAYLOR UNIVERSITY	Texas	339	79	260	1	4	12	24	31	26	3
UNIVERSITY OF MISSISSIPPI	Mississippi	333	57	276	0	5	13	28	32	20	3
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	319	56	263	2	14	30	27	22	5	1
WILLIAMS BAPTIST COLLEGE	Arkansas	314	64	250	0	10	30	32	21	6	1
NORTH ARKANSAS COLLEGE	Arkansas	305	129	176	1	12	38	34	15	1	0
UNIVERSITY OF MEMPHIS	Tennessee	296	62	234	3	17	27	24	21	8	0
MISSOURI STATE UNIVERSITY	Missouri	291	58	233	1	4	19	31	30	14	1
All Other Institutions		16,216	4,397	11,819	3	15	25	23	18	13	3
Total		57,882	18,975	38,907	2	12	27	28	20	10	1

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: 26,955

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	2,213	1,108,908	23.6	21.0	6.9	6.9	22.1	20.2
Black/African American	346	136,380	18.1	16.3	6.2	6.0	17.4	15.9
American Indian/Alaska Native	10	7,142	20.0	16.5	6.4	5.9	19.2	16.0
White	1,323	567,060	24.9	22.8	7.0	7.1	23.2	21.8
Hispanic/Latino	215	196,970	22.1	18.4	7.0	6.7	21.1	18.1
Asian	110	68,736	27.3	23.9	7.7	7.6	25.6	23.0
Native Hawaiian/Other Pac. Isl.	5	4,070	22.0	18.0	7.2	6.5	21.2	17.6
Two or more races	116	45,517	22.8	21.3	7.0	6.9	21.6	20.4
Prefer not/No Response	88	83,033	25.3	20.8	7.0	6.7	23.5	19.9
Males	936	507,737	23.7	20.7	6.7	6.6	22.0	19.7
Females	1,277	590,537	23.5	21.4	7.1	7.1	22.2	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4

