

ACT Profile Report - State

Graduating Class 2013
Mississippi



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

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

12% 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: 27,749 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. 76% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 4% of the cohort took less than three years of math courses. Of these students, 2% were college ready. 22% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 3% of these students were college ready. In comparison, 27% 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 20% of the cohort took less than three years of natural science courses. 10% of these students were college ready. In comparison, 23% 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 71% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

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

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

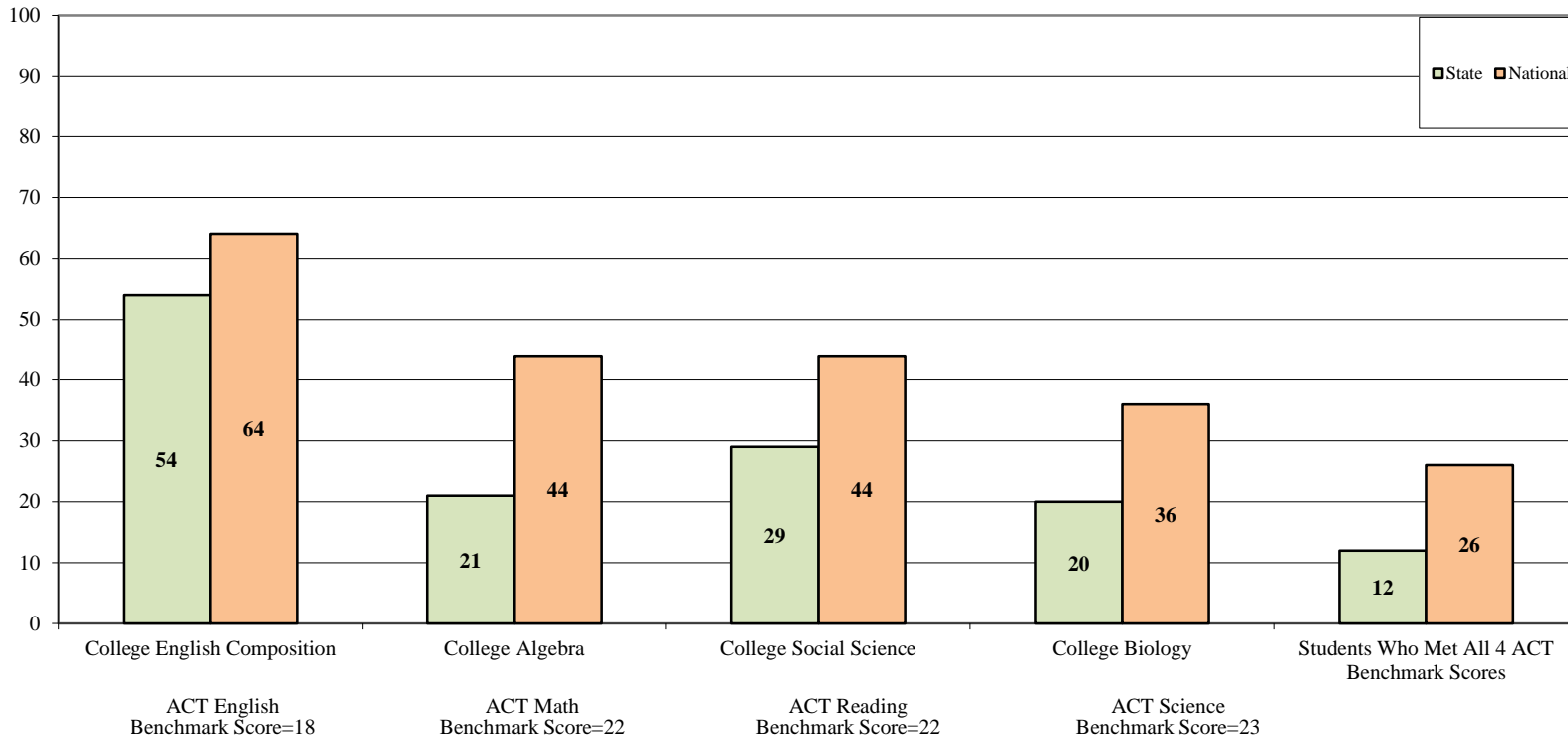
Section I

Executive Summary

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

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

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



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

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	25,976	1,480,469	57	67	20	42	34	53	14	28	10	23
2010	26,887	1,568,835	53	66	20	43	34	52	14	29	10	24
2011	28,167	1,623,112	52	66	20	45	33	52	13	30	10	25
2012	28,288	1,666,017	53	67	21	46	34	52	14	31	11	25
2013	27,749	1,799,243	54	64	21	44	29	44	20	36	12	26

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2009	25,976	1,480,469	19.1	20.6	18.3	21.0	19.0	21.4	18.7	20.9	18.9	21.1
2010	26,887	1,568,835	18.6	20.5	18.3	21.0	18.8	21.3	18.8	20.9	18.8	21.0
2011	28,167	1,623,112	18.6	20.6	18.2	21.1	18.8	21.3	18.7	20.9	18.7	21.1
2012	28,288	1,666,017	18.6	20.5	18.3	21.1	18.9	21.3	18.7	20.9	18.7	21.1
2013	27,749	1,799,243	18.8	20.2	18.3	20.9	19.1	21.1	18.8	20.7	18.9	20.9

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

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

Total Students in Report: 27,749

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2009	15,743	9,689	61	37	20.4	17.1	19.2	16.9	20.1	17.4	19.6	17.3	20.0	17.3
2010	16,970	9,397	63	35	19.9	16.5	19.1	16.9	19.8	17.2	19.7	17.5	19.7	17.1
2011	18,390	9,226	65	33	19.8	16.4	19.0	16.8	19.7	17.2	19.5	17.2	19.6	17.0
2012	21,238	6,794	75	24	19.4	16.2	18.8	16.8	19.5	17.1	19.2	17.1	19.4	16.9
2013	20,963	6,370	76	23	19.6	16.6	18.8	16.8	19.7	17.4	19.3	17.4	19.5	17.2

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

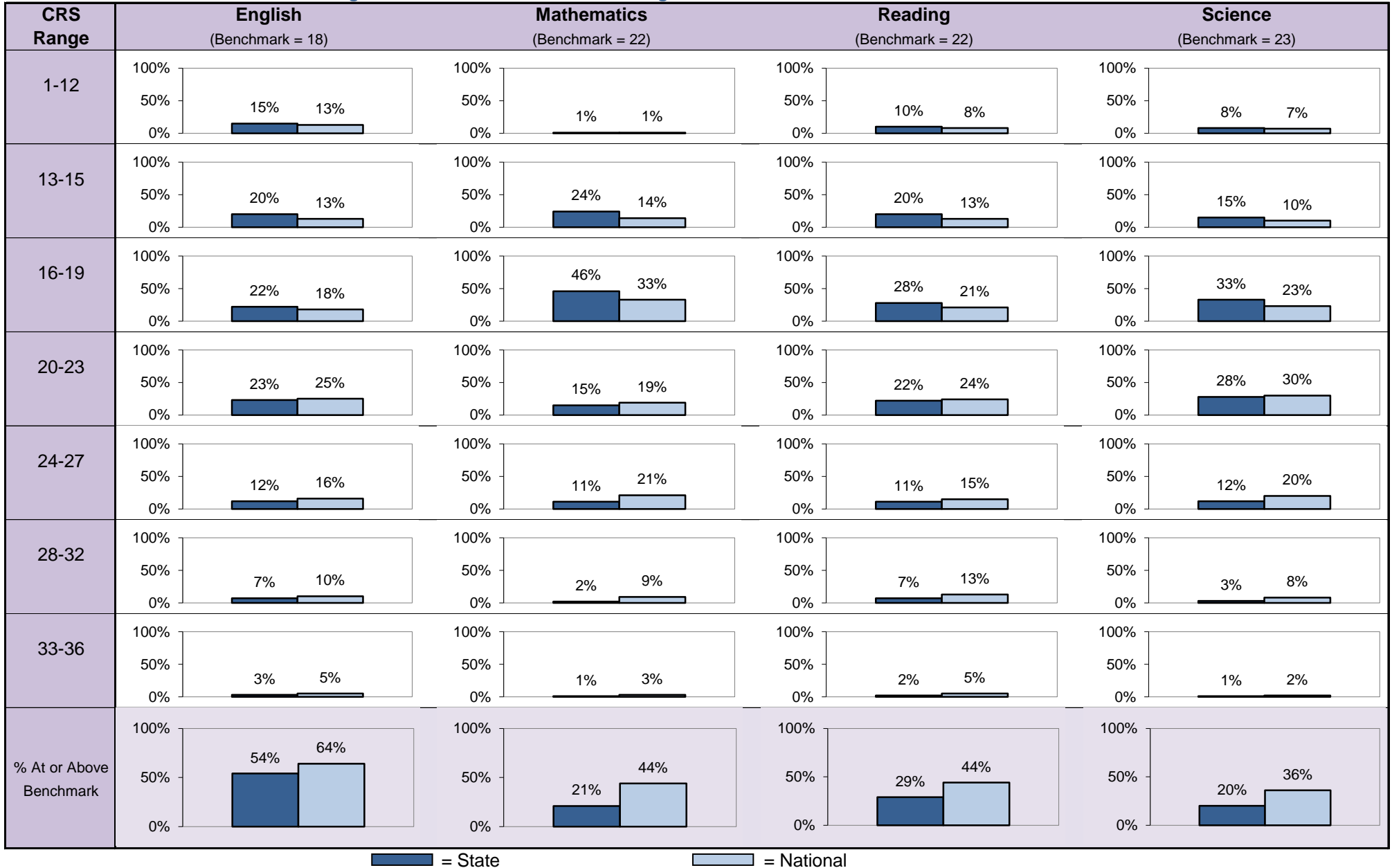
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	25,976	100	18.9	26,887	100	18.8	28,167	100	18.7	28,288	100	18.7	27,749	100	18.9
Black/African American	10,287	40	16.5	10,850	40	16.3	11,617	41	16.3	11,549	41	16.3	11,183	40	16.5
American Indian/Alaska Native	119	0	18.2	129	0	18.0	133	0	17.4	132	0	17.0	124	0	17.5
White	13,813	53	20.5	14,211	53	20.5	14,168	50	20.5	14,143	50	20.6	13,834	50	20.7
Hispanic/Latino	315	1	19.3	332	1	19.1	567	2	19.0	680	2	19.0	664	2	19.1
Asian	312	1	22.4	287	1	22.8	317	1	22.1	304	1	22.2	309	1	22.8
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	15	0	20.8	17	0	18.6	17	0	19.1
Two or more races	256	1	19.7	274	1	19.8	405	1	19.3	562	2	19.2	595	2	19.8
Prefer not to respond/No response	874	3	19.4	804	3	19.4	945	3	19.0	901	3	19.3	1,023	4	19.3

Total Students in Report: 27,749

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



Total Students in Report: 27,749

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	27,305	98	18.9	18.3	19.2	18.9	18.9
	Extended Time	444	2	15.8	17.1	17.8	17.3	17.1
	Total	27,749	100	18.8	18.3	19.1	18.8	18.9
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	54	21	29	20	12
	Extended Time	34	16	25	13	9
	Total	54	21	29	20	12
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: 27,749

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	56	100	16	100	109	100	27	100	7	100	36
35	216	100	33	100	95	100	40	100	20	100	35
34	226	99	54	100	201	99	40	100	36	100	34
33	294	98	50	100	260	99	37	100	73	100	33
32	266	97	44	99	328	98	94	99	128	100	32
31	302	96	77	99	420	96	115	99	194	99	31
30	426	95	104	99	393	95	158	99	290	98	30
29	331	94	155	99	410	93	188	98	366	97	29
28	487	92	278	98	474	92	246	97	421	96	28
27	546	91	473	97	512	90	384	97	490	94	27
26	733	89	648	95	593	88	483	95	685	93	26
25	937	86	787	93	643	86	917	93	799	90	25
24	1,034	83	1,031	90	1,243	84	1,472	90	939	87	24
23	1,174	79	1,025	86	1,054	80	1,364	85	1,130	84	23
22	1,382	75	1,066	83	1,254	76	1,556	80	1,461	80	22
21	1,698	70	954	79	1,892	71	2,503	74	1,767	75	21
20	2,072	64	1,132	76	1,923	64	2,376	65	1,846	68	20
19	1,396	56	1,590	71	1,835	57	2,532	57	2,301	62	19
18	1,394	51	1,930	66	2,186	51	2,905	48	2,585	53	18
17	1,426	46	3,780	59	1,651	43	1,861	37	2,546	44	17
16	1,795	41	5,556	45	2,131	37	1,875	30	2,732	35	16
15	2,311	34	4,410	25	1,915	29	1,680	24	2,372	25	15
14	1,716	26	1,759	9	1,636	22	1,382	18	2,019	16	14
13	1,501	20	548	3	1,862	17	1,189	13	1,492	9	13
12	1,081	15	172	1	1,401	10	886	8	731	4	12
11	1,051	11	51	1	735	5	678	5	252	1	11
10	850	7	19	1	356	2	443	3	45	1	10
9	534	4	4	1	116	1	210	1	13	1	9
8	324	2	3	1	55	1	73	1	9	1	8
7	124	1	0	1	45	1	18	1	0	1	7
6	44	1	0	1	9	1	11	1	0	1	6
5	14	1	0	1	7	1	5	1	0	1	5
4	4	1	0	1	5	1	1	1	0	1	4
3	3	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	1	1	0	1	0	1	0	1	0	1	1
Avg (SD)	18.8 (6.1)		18.3 (4.0)		19.1 (5.7)		18.8 (4.6)		18.9 (4.6)		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: 27,749

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	598	100	234	100	309	100	486	100	275	100	38	100	44	100	18
17	1,018	98	237	99	773	99	580	98	379	99	53	100	14	100	17
16	810	94	779	98	815	96	958	96	335	98	165	100	207	100	16
15	811	91	1,010	95	812	93	1,003	93	658	96	406	99	468	99	15
14	1,128	88	1,381	92	1,206	90	1,397	89	875	94	805	98	894	97	14
13	1,101	84	1,547	87	1,636	86	1,433	84	1,576	91	1,741	95	913	94	13
12	1,673	80	2,335	81	2,217	80	1,727	79	1,756	85	1,931	88	2,501	91	12
11	2,530	74	2,422	73	2,490	72	2,425	73	2,015	79	3,001	81	2,045	82	11
10	2,982	65	2,598	64	3,109	63	2,536	64	2,875	72	5,249	71	3,405	74	10
9	3,036	54	3,743	55	3,562	52	2,571	55	2,244	61	4,225	52	4,793	62	9
8	2,594	43	3,502	41	3,406	39	3,435	46	4,093	53	4,545	37	4,800	45	8
7	2,720	34	2,785	29	3,480	27	2,663	33	5,551	38	2,738	20	3,358	28	7
6	2,348	24	1,983	19	1,962	14	2,659	24	2,989	18	1,145	10	1,948	16	6
5	1,893	16	1,686	12	1,117	7	2,368	14	1,326	8	977	6	730	9	5
4	1,427	9	1,031	5	468	3	989	5	531	3	199	3	1,069	6	4
3	758	4	386	2	237	1	391	2	209	1	394	2	127	2	3
2	290	1	79	1	129	1	120	1	58	1	12	1	291	2	2
1	32	1	11	1	21	1	8	1	4	1	125	1	142	1	1
Avg (SD)	9.4 (3.8)		9.5 (3.3)		9.8 (3.3)		9.5 (3.6)		9.0 (3.1)		9.4 (2.5)		8.9 (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)	23	20	22	22	22
Q2 (50th Percentile)	18	17	18	19	18
Q1 (25th Percentile)	14	15	15	16	16

Total Students in Report: 27,749

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	27,749	76	19.5	17.2
	Black/African American	11,183	75	16.8	15.6
	American Indian/Alaska Native	124	63	18.5	16.4
	White	13,834	76	21.4	18.4
	Hispanic/Latino	664	75	19.8	17.2
	Asian	309	86	23.2	20.3
	Native Hawaiian/Other Pac. Isl.	17	82	20.1	15.5
	Two or more races	595	77	20.2	18.6
	Prefer not/No Response	1,023	69	20.2	17.6
National	All Students	1,799,243	74	21.7	18.7
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	18.8	18.3	19.1	18.8	18.9
	Black/African American	15.8	16.5	16.5	16.8	16.5
	American Indian/Alaska Native	16.5	17.4	17.9	17.8	17.5
	White	21.1	19.6	21.1	20.4	20.7
	Hispanic/Latino	18.8	18.5	19.5	19.2	19.1
	Asian	22.8	23.2	22.1	22.5	22.8
	Native Hawaiian/Other Pac. Isl.	18.4	19.7	18.6	19.5	19.1
	Two or more races	19.8	18.9	20.4	19.7	19.8
	Prefer not/No Response	19.2	18.6	19.7	19.1	19.3
National	All Students	20.2	20.9	21.1	20.7	20.9
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7

Total Students in Report: 27,749

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	792	3	153	1	665	2	144	1
	28 to 32	1,812	7	658	2	2,025	7	801	3
	24 to 27	3,250	12	2,939	11	2,991	11	3,256	12
	20 to 23	6,326	23	4,177	15	6,123	22	7,799	28
	16 to 19	6,011	22	12,856	46	7,803	28	9,173	33
	13 to 15	5,528	20	6,717	24	5,413	20	4,251	15
	01 to 12	4,030	15	249	1	2,729	10	2,325	8
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	12,477	45	18.4	18.5	18.9	19.2	18.9
	Females	15,245	55	19.2	18.1	19.3	18.6	18.9
	Missing	27	0	13.8	16.8	15.9	15.5	15.6
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	51	23	28	23	13
	Females	56	19	29	17	11
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	20,963	59	19.6	25	18.8	32	19.7	23	19.3	14	19.5
	Less than Core	6,370	38	16.6	9	16.8	17	17.4	10	17.4	4	17.2
	Missing ³	416	25	14.2	6	16.0	17	16.3	8	16.2	3	15.8
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	10	17.4

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

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

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

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

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	26,913	55	18.9	26,324	22	18.4	26,516	30	19.3	21,838	23	19.2
	Less than Core	484	32	15.3	1,048	2	15.5	861	10	16.0	5,534	10	17.4
	Missing ³	352	27	14.6	377	7	16.1	372	19	16.5	377	9	16.4
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

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

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

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

³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

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

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

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

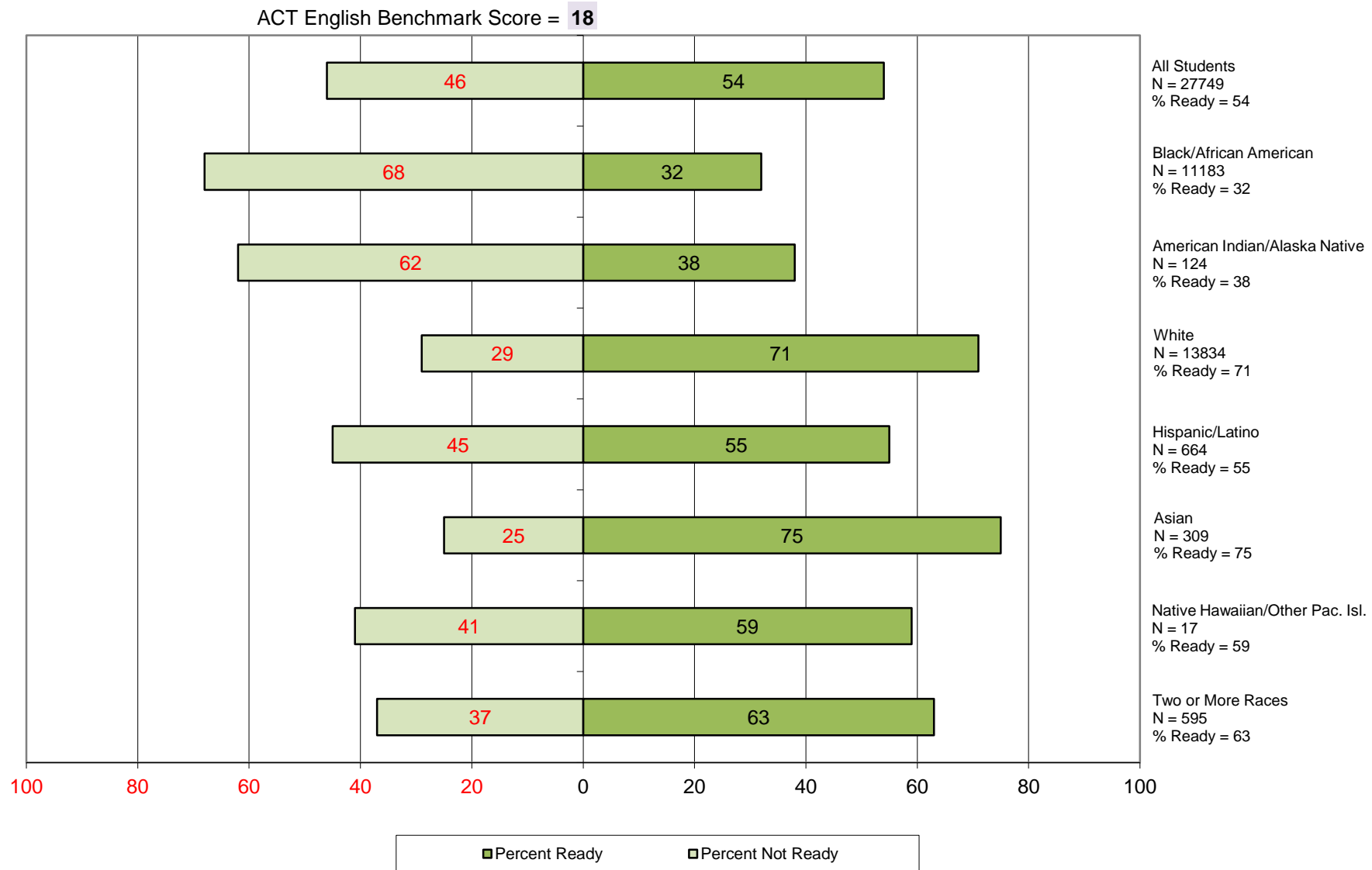


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

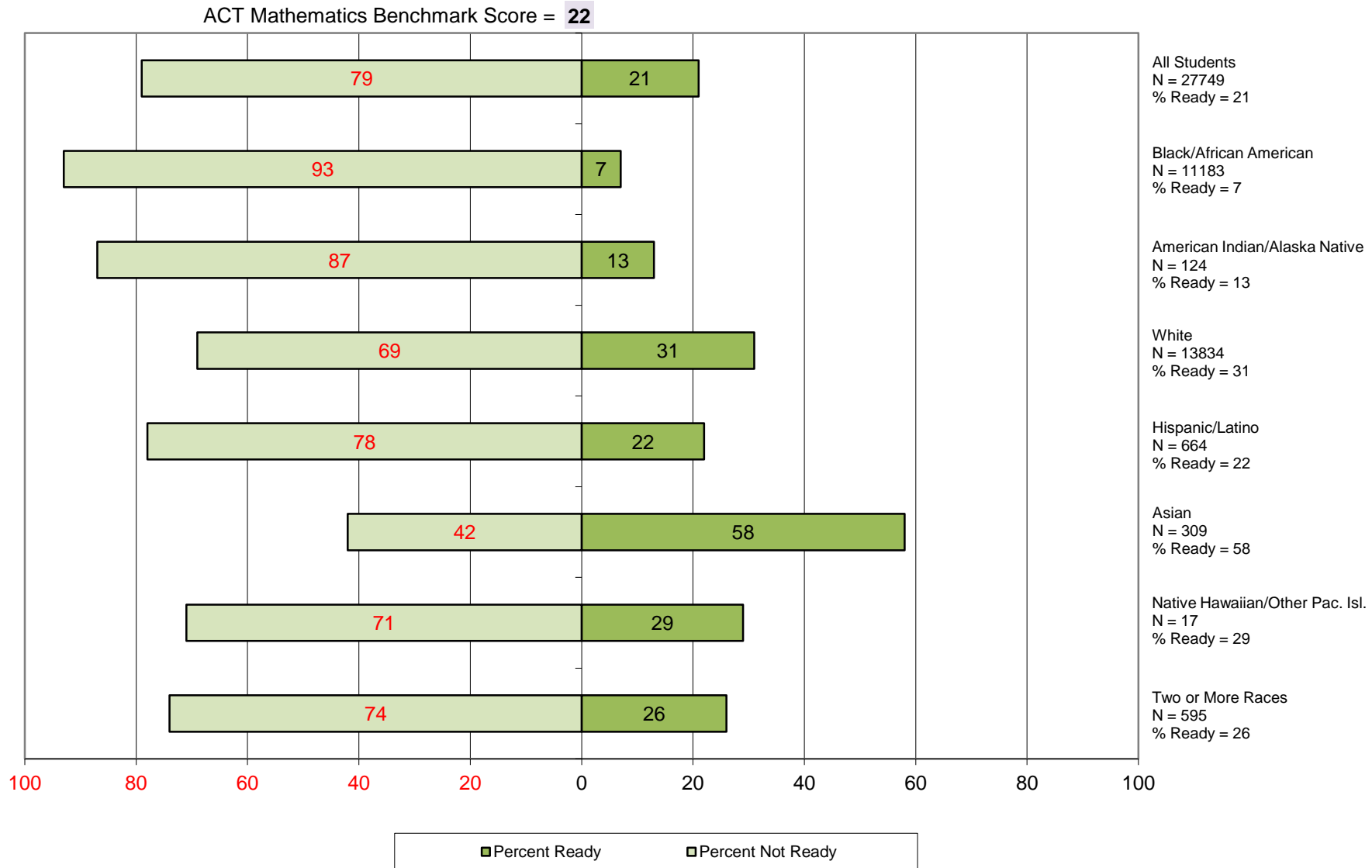


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

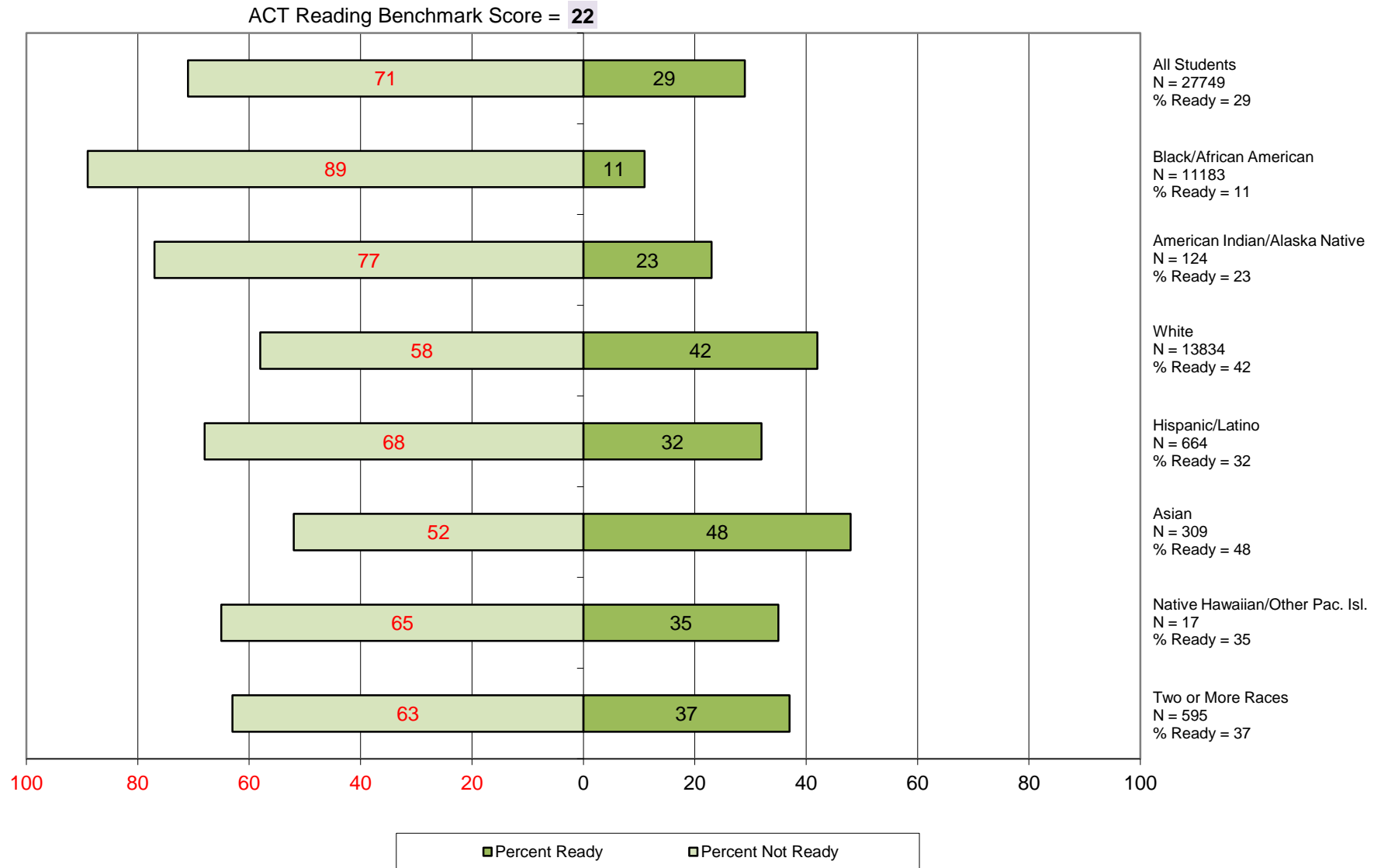
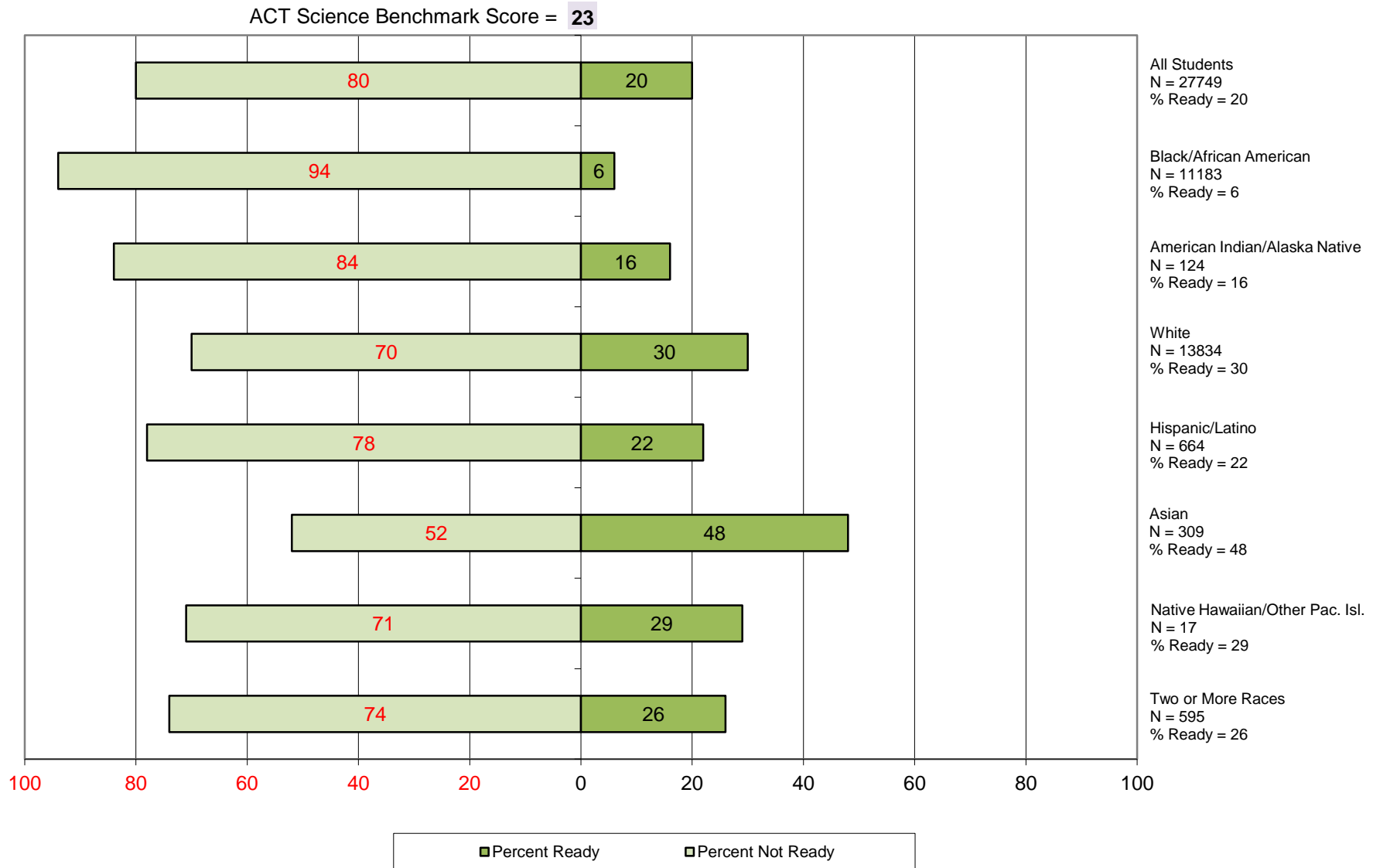
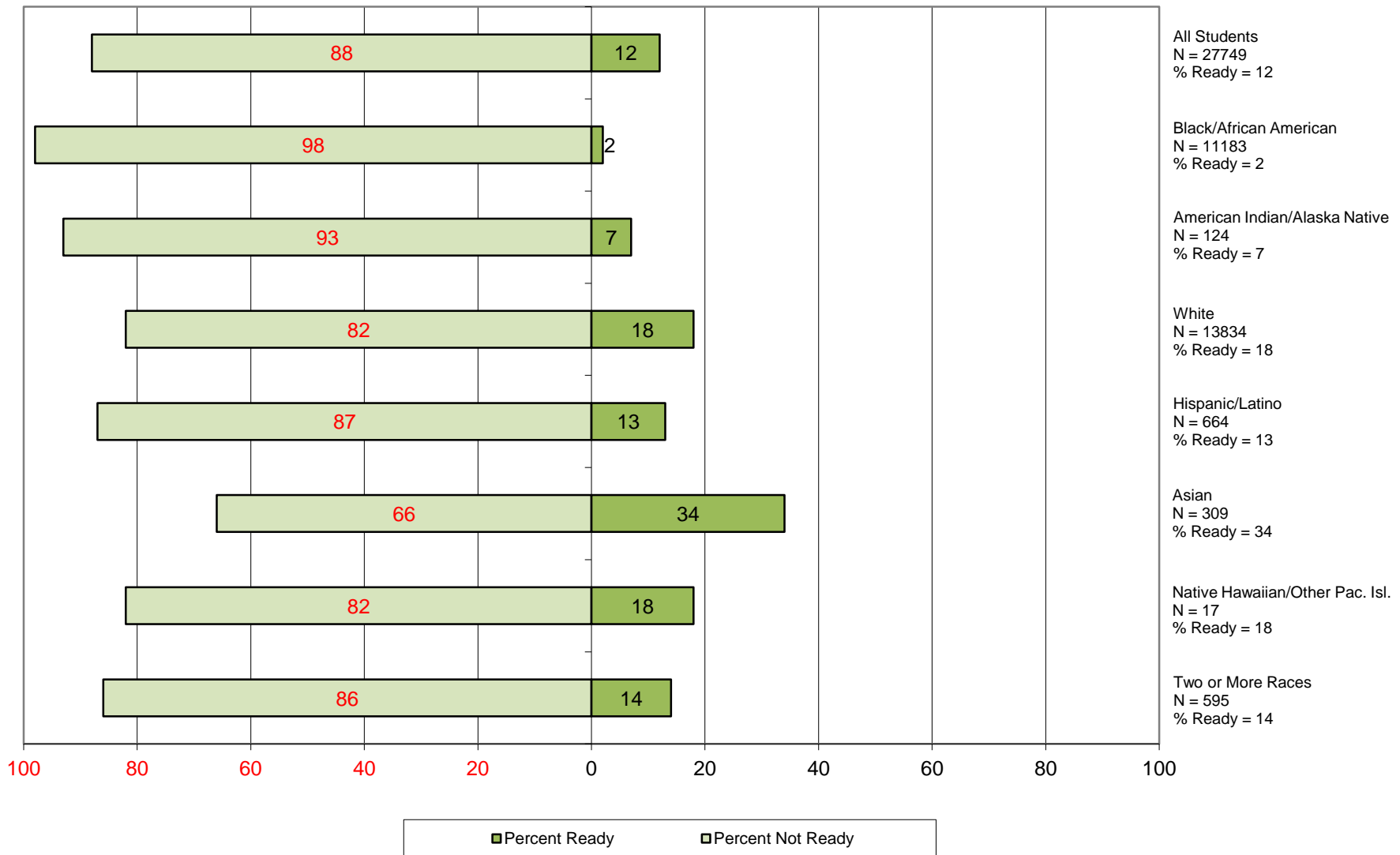


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Total Students in Report: 27,749

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



Total Students in Report: 27,749

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	6,949	25	19.5	4.2	2,978	24	19.0	4.0	3,971	26	19.8	4.1
Eng 9, Eng 10, Eng 11, Eng 12	19,964	72	18.7	3.4	9,058	73	18.4	3.4	10,903	72	19.0	3.3
Less than 4 years of English	484	2	15.3	-	235	2	15.0	-	245	2	15.7	-
Zero years / no English courses reported	352	1	14.6	-	206	2	14.7	-	126	1	14.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,651	6	19.2	3.7	675	5	19.9	4.4	976	6	18.8	3.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,742	10	19.5	4.0	1,028	8	19.8	4.3	1,713	11	19.3	3.8
Alg 1, Alg 2, Geom, & Trig	2,009	7	17.6	2.1	872	7	17.9	2.4	1,137	7	17.4	1.9
Alg 1, Alg 2, Geom, & Other Adv Math	1,759	6	17.5	2.0	738	6	17.6	2.1	1,021	7	17.5	2.0
Other comb of 4 or more years of Math	10,825	39	19.7	4.2	5,003	40	20.2	4.7	5,821	38	19.3	3.8
Alg 1, Alg 2, & Geom	5,978	22	16.2	0.7	2,670	21	16.3	0.8	3,306	22	16.1	0.6
Other comb of 3 or 3.5 years of Math	1,360	5	16.9	1.4	694	6	17.1	1.6	666	4	16.6	1.1
Less than 3 years of Math	1,048	4	15.5	-	579	5	15.5	-	466	3	15.5	-
Zero years / no Math courses reported	377	1	16.1	-	218	2	16.3	-	139	1	15.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	202	1	18.2	2.2	131	1	17.7	2.0	71	0	19.2	2.8
Other comb of 4 or more years Social Science	23,135	83	19.5	3.5	10,184	82	19.3	3.6	12,950	85	19.7	3.3
US Hist, World Hist, & Am Gov	203	1	16.9	0.9	107	1	16.7	1.0	96	1	17.1	0.7
Other comb of 3 or 3.5 years of Social Science	2,976	11	17.5	1.5	1,399	11	17.6	1.9	1,575	10	17.3	0.9
Less than 3 years of Social Science	861	3	16.0	-	438	4	15.7	-	420	3	16.4	-
Zero years / no Social Science courses reported	372	1	16.5	-	218	2	16.6	-	133	1	16.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	11,184	40	19.5	2.1	5,184	42	20.1	2.6	5,999	39	19.0	1.7
Bio, Chem, Phys	1,463	5	21.5	4.1	662	5	22.4	4.9	801	5	20.9	3.6
Gen Sci ² , Bio, Chem	8,547	31	18.7	1.3	3,610	29	18.8	1.3	4,934	32	18.6	1.3
Other comb of 3 years of Natural Science	644	2	16.8	-0.6	300	2	17.1	-0.4	344	2	16.5	-0.8
Less than 3 years of Natural Science	5,534	20	17.4	-	2,501	20	17.5	-	3,030	20	17.3	-
Zero years / no Natural Science courses reported	377	1	16.4	-	220	2	16.6	-	137	1	16.2	-

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: 27,749

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	6,949	25	19.5	57	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	19,964	72	18.7	54	1,265,911	70	20.3	65
Less than 4 years of English	484	2	15.3	32	84,048	5	15.9	36
Zero years / no English courses reported	352	1	14.6	27	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,651	6	19.2	29	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,742	10	19.5	31	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	2,009	7	17.6	15	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	1,759	6	17.5	13	336,291	19	19.6	32
Other comb of 4 or more years of Math	10,825	39	19.7	33	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	5,978	22	16.2	3	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	1,360	5	16.9	9	88,866	5	19.7	34
Less than 3 years of Math	1,048	4	15.5	2	77,906	4	16.3	7
Zero years / no Math courses reported	377	1	16.1	7	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	202	1	18.2	24	50,989	3	22.2	51
Other comb of 4 or more years Social Science	23,135	83	19.5	31	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	203	1	16.9	19	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	2,976	11	17.5	17	489,586	27	21.0	43
Less than 3 years of Social Science	861	3	16.0	10	171,617	10	19.1	32
Zero years / no Social Science courses reported	372	1	16.5	19	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	11,184	40	19.5	26	767,293	43	21.9	46
Bio, Chem, Phys	1,463	5	21.5	41	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	8,547	31	18.7	17	504,165	28	19.9	28
Other comb of 3 years of Natural Science	644	2	16.8	9	51,822	3	19.1	25
Less than 3 years of Natural Science	5,534	20	17.4	10	218,267	12	18.0	17
Zero years / no Natural Science courses reported	377	1	16.4	9	74,011	4	17.8	18

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

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

Total Students in Report: 27,749

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	551	2	17.7	89	3	15.7	441	2	18.2
Architecture	298	1	18.8	30	1	15.3	258	1	19.2
Area, Ethnic, & Multidisciplinary Studies	20	0	20.9	2	0	13.5	16	0	22.6
Arts: Visual & Performing	1,575	6	18.8	169	6	15.8	1,287	6	19.3
Business	2,093	8	17.9	318	10	15.7	1,684	7	18.4
Communications	350	1	19.5	28	1	15.2	310	1	19.9
Community, Family, & Personal Services	766	3	16.7	156	5	15.5	565	2	17.0
Computer Science & Mathematics	644	2	19.3	70	2	15.8	553	2	19.9
Education	1,584	6	18.4	109	4	15.5	1,409	6	18.7
Engineering	1,827	7	19.9	175	6	15.4	1,570	7	20.5
Engineering Technology & Drafting	558	2	18.0	109	4	15.4	419	2	18.8
English & Foreign Languages	182	1	22.5	8	0	15.6	165	1	23.0
Health Administration & Assisting	1,967	7	17.0	290	10	15.6	1,575	7	17.3
Health Sciences & Technologies	6,380	23	19.4	484	16	16.6	5,698	25	19.7
Philosophy, Religion, & Theology	139	1	20.7	3	0	16.3	125	1	21.1
Repair, Production, & Construction	533	2	16.2	316	10	15.8	181	1	17.0
Sciences: Biological & Physical	1,569	6	20.6	54	2	16.4	1,478	6	20.8
Social Sciences & Law	1,739	6	19.4	77	3	15.5	1,600	7	19.7
Undecided	4,613	17	19.3	513	17	15.7	3,654	16	20.0
No Response	355	1	16.2	29	1	14.4	65	0	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: 27,749

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	718	15.5	350	14.5	5	12.2	322	16.6	19	15.3
2-yr College Degree	2,313	15.9	1,022	14.7	10	15.7	1,136	16.9	61	16.0
Bachelors Degree	13,864	18.3	5,595	16.2	72	16.6	7,063	19.9	322	18.5
Graduate Study	2,808	21.2	818	17.7	8	19.9	1,707	22.8	61	22.6
Prof. Level Degree	6,384	21.0	2,690	18.2	25	21.3	2,950	23.4	163	21.3
Other	610	16.2	318	14.5	2	16.5	224	18.4	20	15.0
No Response	1,052	17.6	390	15.2	2	16.0	432	19.6	18	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	718	15.5	4	18.8	0	.	7	19.0	11	15.5
2-yr College Degree	2,313	15.9	10	18.6	0	.	37	16.0	37	16.0
Bachelors Degree	13,864	18.3	105	20.2	13	18.6	288	18.9	406	18.6
Graduate Study	2,808	21.2	27	24.3	1	25.0	64	21.9	122	20.6
Prof. Level Degree	6,384	21.0	137	25.4	2	22.5	175	21.4	242	21.7
Other	610	16.2	11	20.5	1	13.0	11	18.5	23	17.5
No Response	1,052	17.6	15	20.1	0	.	13	21.8	182	17.7

Total Students in Report: 27,749

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
MISSISSIPPI STATE UNIVERSITY	Mississippi	8,783	3,294	5,489	2	13	34	28	15	8	0
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	6,028	1,569	4,459	2	15	37	28	13	6	0
UNIVERSITY OF MISSISSIPPI	Mississippi	5,946	1,891	4,055	1	9	30	31	19	10	1
JACKSON STATE UNIVERSITY	Mississippi	2,135	630	1,505	5	32	45	15	3	0	0
JONES COUNTY JUNIOR COLLEGE	Mississippi	1,869	807	1,062	5	25	37	23	8	2	0
DELTA STATE UNIVERSITY	Mississippi	1,746	493	1,253	3	19	41	24	10	3	0
ITAWAMBA COMMUNITY COLLEGE	Mississippi	1,733	857	876	3	22	40	24	8	3	0
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	Mississippi	1,662	732	930	5	27	38	22	7	2	0
ALCORN STATE UNIVERSITY	Mississippi	1,545	538	1,007	6	33	47	12	2	0	0
HOLMES COMMUNITY COLLEGE	Mississippi	1,261	407	854	5	25	38	24	7	2	0
MISSISSIPPI COLLEGE	Mississippi	1,241	273	968	1	8	25	29	23	13	1
NORTHEAST MISSISSIPPI COMM COLL	Mississippi	1,237	531	706	3	21	41	24	9	2	0
PEARL RIVER COMMUNITY COLLEGE	Mississippi	1,187	489	698	4	24	41	22	8	1	0
HINDS COMM COLLEGE-RAYMOND CAMPUS	Mississippi	1,107	444	663	7	29	40	17	6	1	0
UNIVERSITY OF ALABAMA	Alabama	1,020	228	792	1	8	26	28	21	14	2
UNIVERSITY OF SOUTH ALABAMA	Alabama	840	237	603	1	8	28	31	23	9	1
EAST CENTRAL COMMUNITY COLLEGE	Mississippi	772	391	381	5	24	39	23	7	2	0
MERIDIAN COMMUNITY COLLEGE	Mississippi	731	246	485	5	26	40	22	5	2	0
WILLIAM CAREY UNIVERSITY	Mississippi	724	127	597	1	15	34	27	15	8	0
MS GULF COAST CC-PERKINSTON CAMPUS	Mississippi	721	247	474	3	22	37	26	10	2	0
COPIAH-LINCOLN COMMUNITY COLLEGE	Mississippi	718	351	367	5	23	38	23	8	3	0
EAST MISSISSIPPI COMM COLL	Mississippi	710	276	434	9	32	37	17	3	1	0
MISSISSIPPI VALLEY STATE UNIV	Mississippi	675	134	541	7	39	44	9	1	0	0
HINDS COMM COLLEGE-RANKIN CAMPUS	Mississippi	618	267	351	4	20	39	26	10	1	0
MS GULF COAST CC-JEFFERSON DAVIS CAMPUS	Mississippi	604	230	374	4	21	37	25	9	3	0
MISSISSIPPI UNIV FOR WOMEN	Mississippi	586	115	471	1	19	35	27	13	5	0
UNIVERSITY OF MEMPHIS	Tennessee	577	134	443	2	18	33	29	12	5	0
SOUTHWEST MISSISSIPPI COMMUNITY COLL	Mississippi	573	227	346	4	25	41	21	7	2	0
MISSISSIPPI DELTA COMM COLL	Mississippi	512	151	361	7	36	38	14	4	1	0
LOUISIANA ST UNIV/A&M-BATON ROUGE	Louisiana	506	145	361	2	8	31	23	21	15	1
All Other Institutions		14,364	3,546	10,818	3	16	31	23	15	10	2
Total		62,731	20,007	42,724	3	18	35	24	13	6	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: 27,749

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	2,086	942,769	21.8	21.3	6.4	7.0	20.4	20.5
Black/African American	812	114,751	17.6	16.3	6.0	6.1	16.9	16.0
American Indian/Alaska Native	15	6,031	17.7	16.8	5.3	6.1	16.3	16.4
White	965	518,407	24.8	22.9	6.6	7.2	22.7	21.9
Hispanic/Latino	74	151,504	22.6	18.6	6.7	6.8	21.3	18.3
Asian	70	54,580	28.0	23.5	7.7	7.6	26.1	22.7
Native Hawaiian/Other Pac. Isl.	0	2,812	.	19.5	.	6.9	.	19.2
Two or more races	62	35,355	23.0	21.5	6.6	7.0	21.4	20.6
Prefer not/No Response	88	59,329	22.6	21.8	6.6	7.1	21.1	20.9
Males	927	423,104	22.0	21.0	6.2	6.7	20.3	20.1
Females	1,159	513,945	21.7	21.6	6.6	7.2	20.4	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5

