

ACT Profile Report - State

Graduating Class 2013
Alabama



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.

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

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: 38,122 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. 79% 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 5% of the cohort took less than three years of math courses. Of these students, 3% were college ready. 10% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 6% of these students were college ready. In comparison, 36% 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 14% of the cohort took less than three years of natural science courses. 13% 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 61% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

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

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

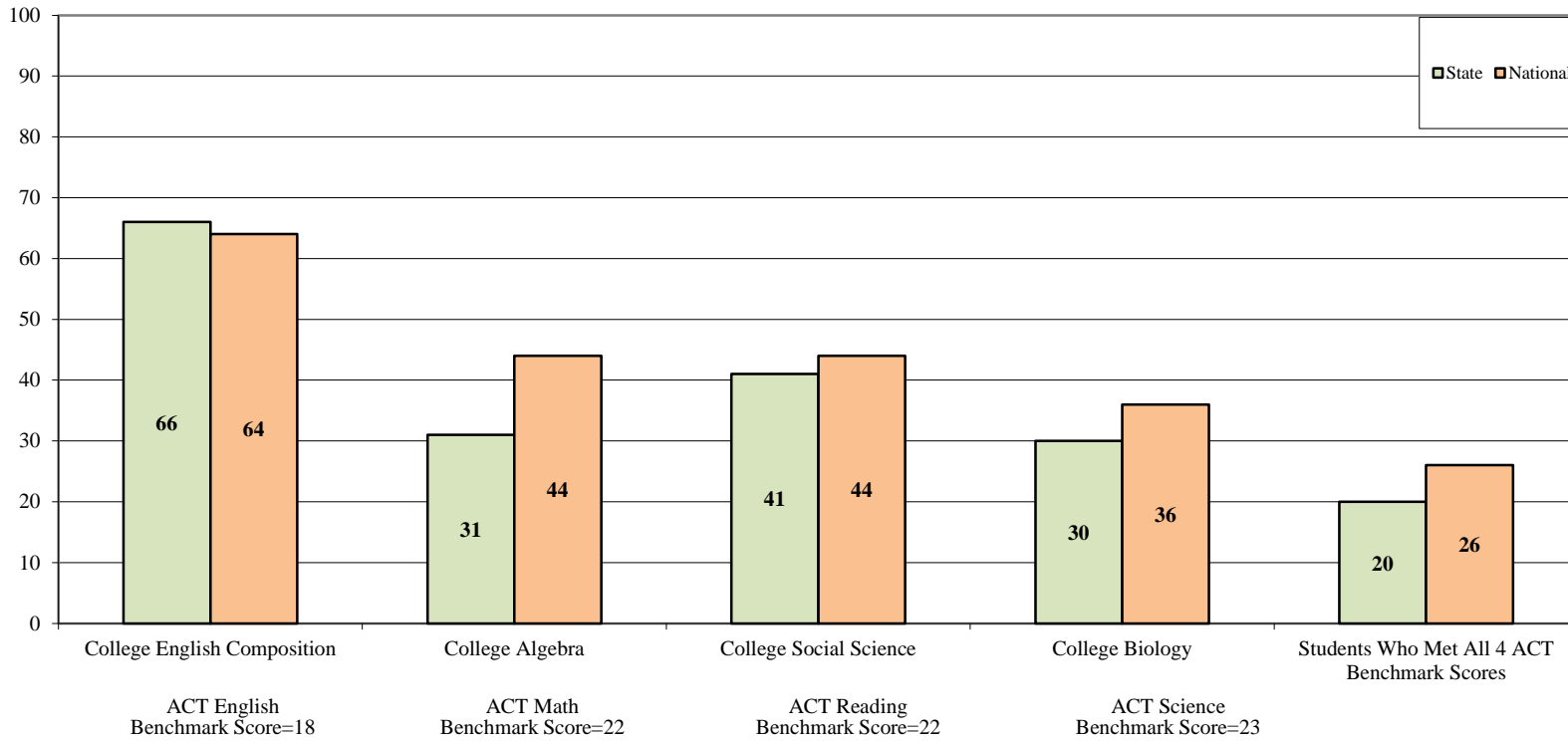
Section I

Executive Summary

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

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

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



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

Total Students in Report: 38,122

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	35,809	1,480,469	67	67	29	42	47	53	21	28	16	23
2010	36,624	1,568,835	66	66	31	43	47	52	23	29	18	24
2011	37,800	1,623,112	65	66	32	45	48	52	22	30	18	25
2012	39,565	1,666,017	65	67	33	46	48	52	23	31	18	25
2013	38,122	1,799,243	66	64	31	44	41	44	30	36	20	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	35,809	1,480,469	20.5	20.6	19.5	21.0	20.7	21.4	20.1	20.9	20.3	21.1
2010	36,624	1,568,835	20.4	20.5	19.5	21.0	20.7	21.3	20.2	20.9	20.3	21.0
2011	37,800	1,623,112	20.4	20.6	19.6	21.1	20.7	21.3	20.1	20.9	20.3	21.1
2012	39,565	1,666,017	20.3	20.5	19.6	21.1	20.7	21.3	20.1	20.9	20.3	21.1
2013	38,122	1,799,243	20.5	20.2	19.5	20.9	21.0	21.1	20.2	20.7	20.4	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: 38,122

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	25,919	9,442	72	26	21.5	17.9	20.2	17.5	21.6	18.6	20.8	18.3	21.2	18.2
2010	27,250	9,030	74	25	21.5	17.4	20.3	17.3	21.5	18.4	20.9	18.1	21.2	17.9
2011	28,750	8,802	76	23	21.4	17.6	20.3	17.4	21.5	18.5	20.8	18.0	21.1	18.0
2012	30,732	8,657	78	22	21.2	17.4	20.3	17.4	21.3	18.4	20.6	18.0	21.0	17.9
2013	30,233	7,520	79	20	21.3	17.8	20.1	17.4	21.5	18.7	20.7	18.2	21.0	18.2

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.

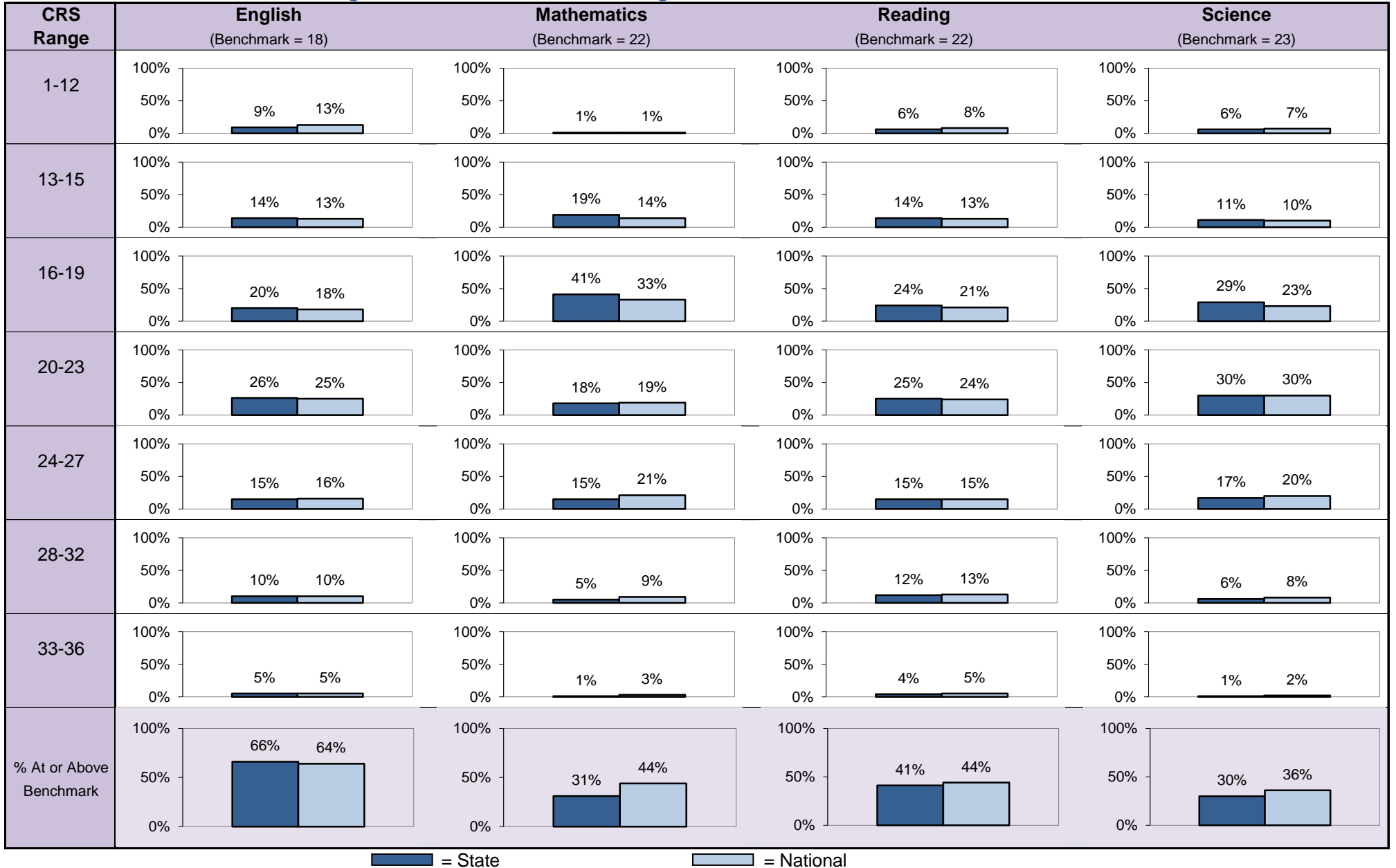
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	35,809	100	20.3	36,624	100	20.3	37,800	100	20.3	39,565	100	20.3	38,122	100	20.4
Black/African American	9,858	28	17.2	10,247	28	17.1	10,824	29	17.2	11,166	28	17.1	10,512	28	17.2
American Indian/Alaska Native	315	1	20.2	329	1	20.6	305	1	20.5	281	1	19.8	259	1	19.9
White	23,381	65	21.6	23,516	64	21.7	23,749	63	21.7	24,540	62	21.7	23,474	62	21.8
Hispanic/Latino	509	1	20.6	623	2	20.0	949	3	19.9	1,150	3	19.8	1,244	3	19.7
Asian	493	1	23.7	569	2	24.0	521	1	23.5	597	2	23.5	535	1	24.1
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	21	0	19.9	19	0	20.3	31	0	21.5
Two or more races	446	1	20.5	515	1	20.6	669	2	20.7	993	3	20.8	1,070	3	20.6
Prefer not to respond/No response	807	2	20.9	825	2	20.7	762	2	20.8	819	2	21.3	997	3	21.1

Total Students in Report: 38,122

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



Total Students in Report: 38,122

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	37,641	99	20.6	19.5	21.0	20.2	20.4
	Extended Time	481	1	18.2	18.4	20.4	19.4	19.2
	Total	38,122	100	20.5	19.5	21.0	20.2	20.4
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	66	32	41	30	20
	Extended Time	48	24	41	26	19
	Total	66	31	41	30	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: 38,122

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	148	100	71	100	262	100	99	100	19	100	36
35	428	100	117	100	199	99	162	100	79	100	35
34	544	98	198	100	548	99	144	99	168	100	34
33	756	97	172	99	661	97	126	99	242	99	33
32	597	95	210	99	656	96	273	99	384	99	32
31	634	94	242	98	1,064	94	326	98	522	98	31
30	755	92	372	97	846	91	437	97	725	96	30
29	719	90	446	96	883	89	535	96	730	94	29
28	1,114	88	773	95	977	87	599	94	1,001	92	28
27	885	85	971	93	1,069	84	817	93	1,164	90	27
26	1,324	83	1,516	91	1,146	81	1,010	91	1,359	87	26
25	1,737	79	1,509	87	1,214	78	2,130	88	1,554	83	25
24	1,831	75	1,785	83	2,421	75	2,475	83	1,846	79	24
23	2,048	70	1,862	78	1,614	69	2,124	76	2,045	74	23
22	2,274	65	1,749	73	2,209	64	2,735	70	2,433	69	22
21	2,551	59	1,692	69	2,954	59	3,737	63	2,682	63	21
20	3,070	52	1,543	64	2,594	51	2,999	53	2,963	56	20
19	1,867	44	2,323	60	2,529	44	3,381	46	3,069	48	19
18	1,811	39	2,531	54	2,671	37	3,337	37	3,157	40	18
17	1,683	34	4,602	47	1,795	30	2,093	28	2,949	31	17
16	2,236	30	6,112	35	2,309	26	2,057	23	2,710	24	16
15	2,341	24	4,609	19	2,147	20	1,781	17	2,380	17	15
14	1,819	18	1,900	7	1,601	14	1,374	12	1,827	10	14
13	1,360	13	583	2	1,602	10	1,195	9	1,246	6	13
12	1,001	9	175	1	1,107	6	862	6	619	2	12
11	946	7	49	1	555	3	657	3	196	1	11
10	801	4	5	1	281	1	345	2	39	1	10
9	442	2	2	1	102	1	212	1	7	1	9
8	250	1	0	1	42	1	62	1	4	1	8
7	105	1	1	1	34	1	22	1	2	1	7
6	29	1	2	1	13	1	9	1	0	1	6
5	10	1	0	1	10	1	4	1	1	1	5
4	5	1	0	1	3	1	1	1	0	1	4
3	1	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	2	1	1	1	0	1	1
Avg (SD)	20.5 (6.3)		19.5 (4.8)		21.0 (6.0)		20.2 (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: 38,122

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subscore Averages

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	1,259	100	646	100	783	100	1,159	100	860	100	139	100	203	100	18
17	1,880	97	458	98	1,677	98	1,374	97	942	98	247	100	85	99	17
16	1,801	92	1,714	97	1,920	94	1,924	93	1,011	95	415	99	775	99	16
15	1,437	87	2,427	93	1,756	89	2,174	88	1,699	93	1,255	98	1,332	97	15
14	1,915	83	2,458	86	2,114	84	2,422	83	1,706	88	1,778	95	1,839	94	14
13	2,107	78	2,802	80	2,947	78	2,656	76	2,449	84	3,322	90	2,133	89	13
12	2,772	73	4,155	72	4,188	71	2,921	69	2,808	77	3,068	81	4,543	83	12
11	3,868	65	3,575	62	3,534	60	4,046	62	3,652	70	4,197	73	3,171	71	11
10	4,434	55	3,876	52	3,879	50	3,508	51	3,507	60	6,983	62	4,560	63	10
9	3,984	44	4,615	42	4,275	40	3,228	42	2,931	51	5,043	44	6,255	51	9
8	3,155	33	3,966	30	3,719	29	4,129	33	5,004	43	5,268	31	5,353	35	8
7	3,009	25	2,714	19	3,846	19	2,808	23	6,162	30	3,126	17	3,596	21	7
6	2,418	17	1,900	12	1,783	9	2,474	15	3,199	14	1,426	9	2,011	11	6
5	1,873	11	1,605	7	980	4	2,110	9	1,363	6	1,036	5	687	6	5
4	1,230	6	831	3	389	2	791	3	558	2	247	2	1,050	4	4
3	733	3	313	1	214	1	296	1	204	1	425	2	122	1	3
2	225	1	63	1	98	1	88	1	59	1	25	1	278	1	2
1	22	1	4	1	20	1	14	1	8	1	122	1	129	1	1
Avg (SD)	10.3 (3.8)		10.4 (3.4)		10.7 (3.4)		10.5 (3.7)		9.9 (3.4)		9.9 (2.7)		9.7 (2.9)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	23	24	23	24
Q2 (50th Percentile)	20	18	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

Total Students in Report: 38,122

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	38,122	79	21.0	18.2
	Black/African American	10,512	75	17.6	16.0
	American Indian/Alaska Native	259	80	20.7	17.0
	White	23,474	81	22.4	19.3
	Hispanic/Latino	1,244	76	20.4	17.5
	Asian	535	86	24.5	21.9
	Native Hawaiian/Other Pac. Isl.	31	90	21.8	19.0
	Two or more races	1,070	80	21.1	18.7
	Prefer not/No Response	997	68	22.2	19.7
National	All Students	1,799,243	74	21.7	18.7
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.5	19.5	21.0	20.2	20.4
	Black/African American	16.6	16.9	17.5	17.3	17.2
	American Indian/Alaska Native	20.0	18.9	20.6	19.6	19.9
	White	22.3	20.6	22.4	21.4	21.8
	Hispanic/Latino	19.5	19.2	20.1	19.6	19.7
	Asian	23.9	24.9	23.5	23.6	24.1
	Native Hawaiian/Other Pac. Isl.	22.1	20.5	21.2	21.8	21.5
	Two or more races	20.7	19.6	21.2	20.2	20.6
	Prefer not/No Response	21.2	20.1	21.9	20.8	21.1
National	All Students	20.2	20.9	21.1	20.7	20.9
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7

Total Students in Report: 38,122

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	1,876	5	558	1	1,670	4	531	1
	28 to 32	3,819	10	2,043	5	4,426	12	2,170	6
	24 to 27	5,777	15	5,781	15	5,850	15	6,432	17
	20 to 23	9,943	26	6,846	18	9,371	25	11,595	30
	16 to 19	7,597	20	15,568	41	9,304	24	10,868	29
	13 to 15	5,520	14	7,092	19	5,350	14	4,350	11
	01 to 12	3,590	9	234	1	2,151	6	2,176	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	17,353	46	20.3	20.0	20.9	20.7	20.6
	Females	20,766	54	20.7	19.1	21.0	19.7	20.3
	Missing	3	0	13.0	16.7	15.0	13.3	14.7
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	64	36	41	34	23
	Females	67	28	41	25	17
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 38,122

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	30,233	71	21.3	36	20.1	45	21.5	33	20.7	23	21.0
	Less than Core	7,520	46	17.8	15	17.4	26	18.7	15	18.2	8	18.2
	Missing ³	369	37	16.3	14	17.1	28	18.4	17	18.0	11	17.6
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	37,348	66	20.6	35,900	33	19.7	36,229	42	21.1	32,268	32	20.6
	Less than Core	435	46	17.7	1,870	3	15.9	1,553	30	19.1	5,508	13	18.0
	Missing ³	339	36	16.3	352	14	17.1	340	29	18.4	346	18	18.0
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

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

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

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

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

Section III

College Readiness and the Impact of Course Rigor

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

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

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

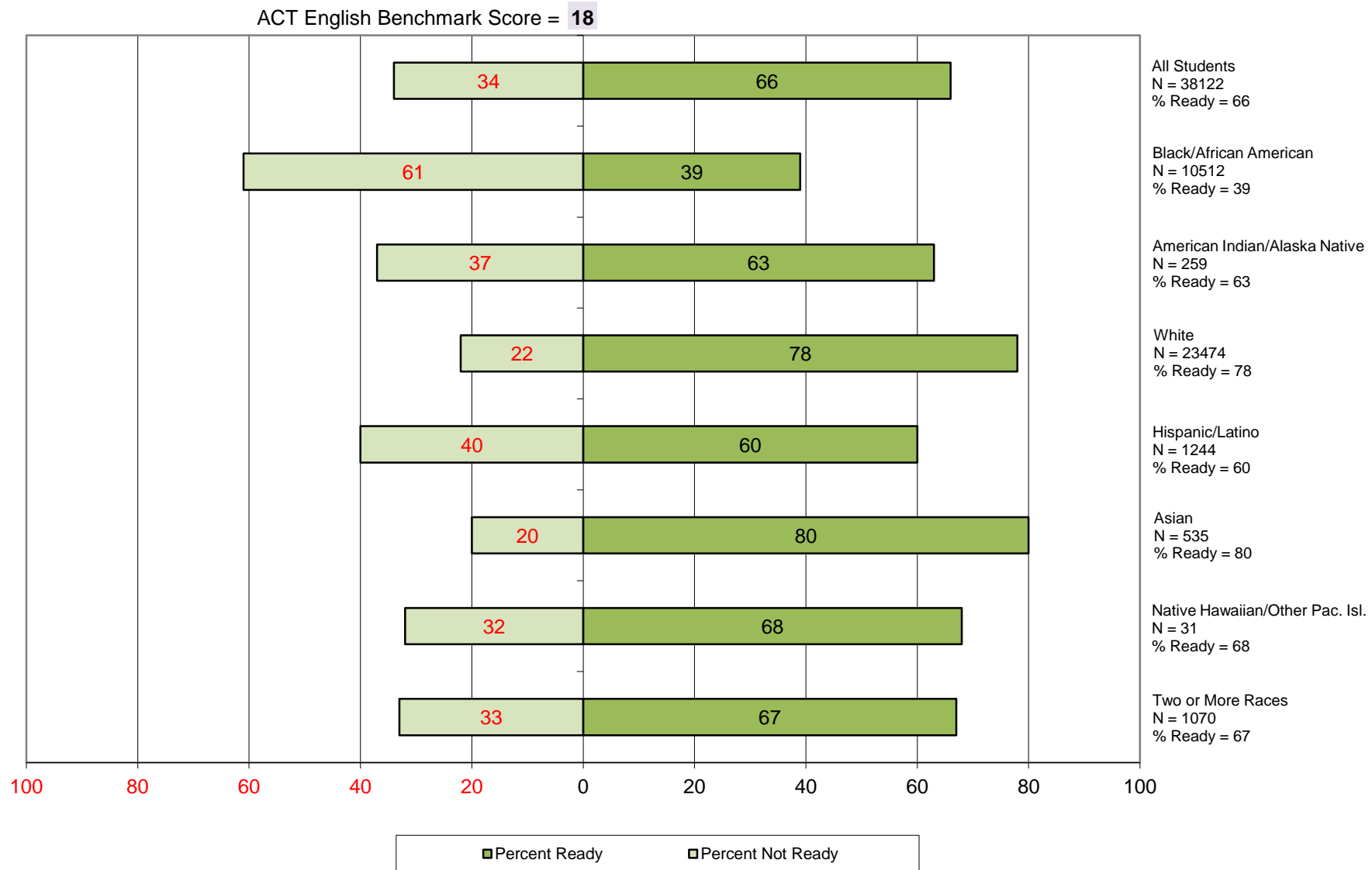


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

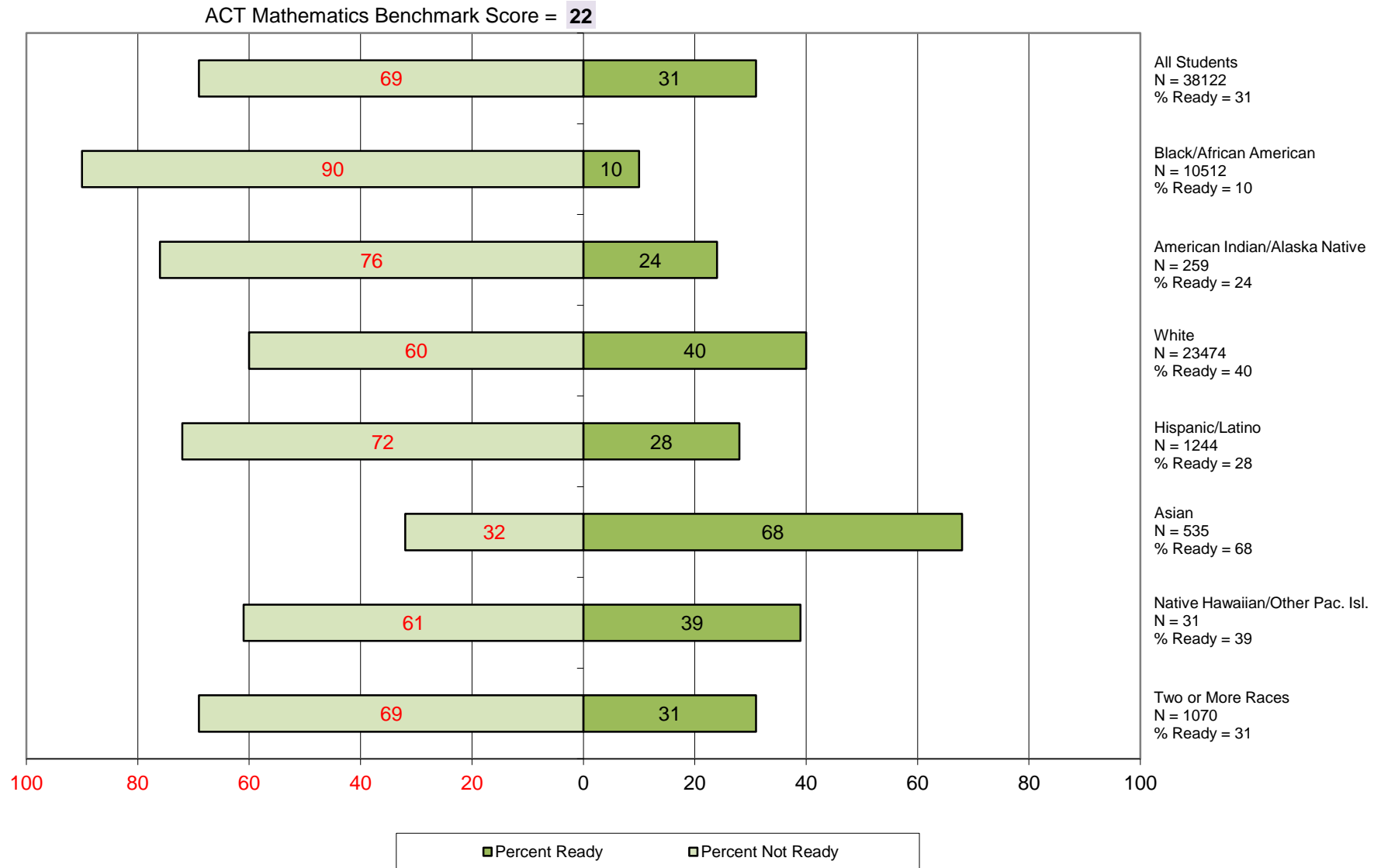
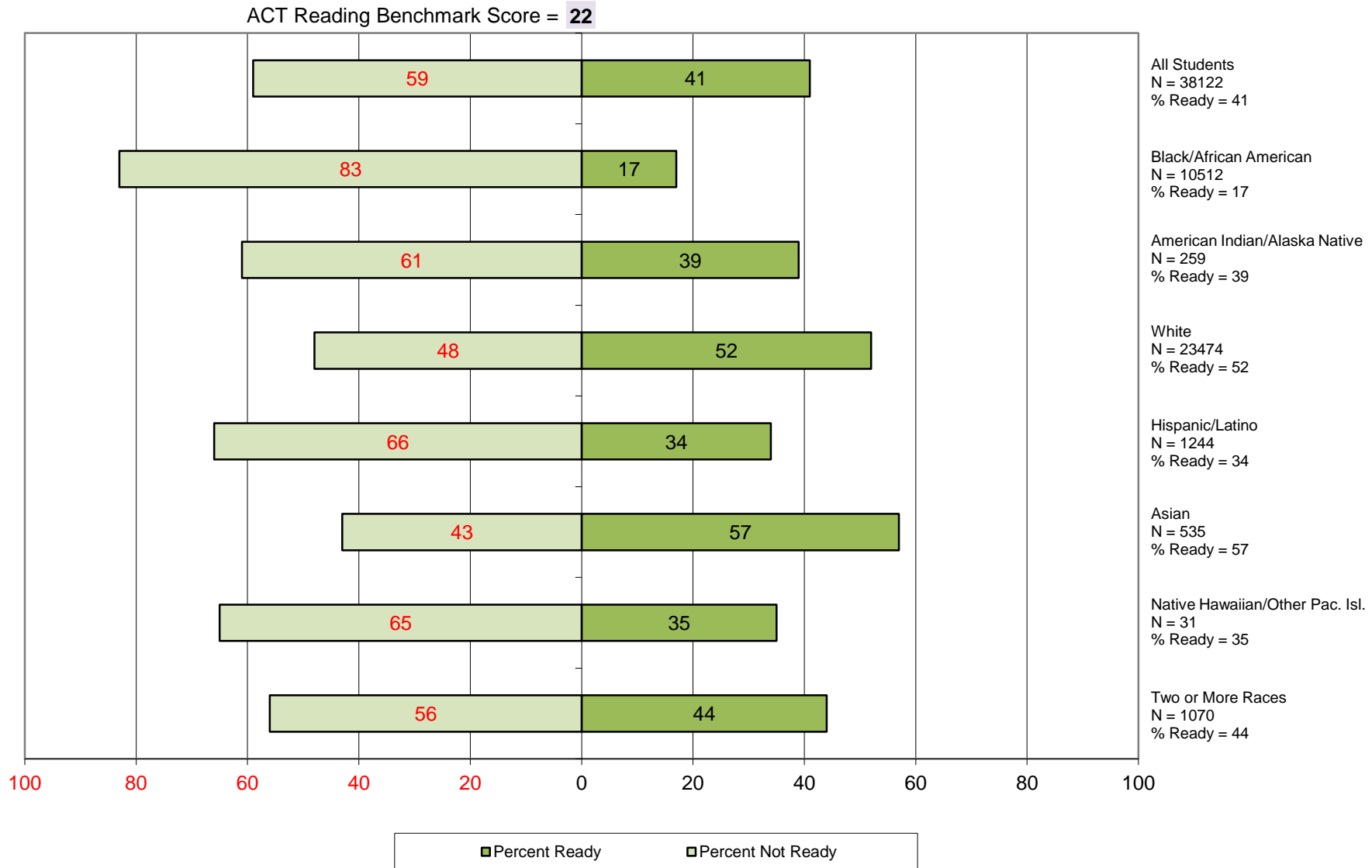


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 38,122

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

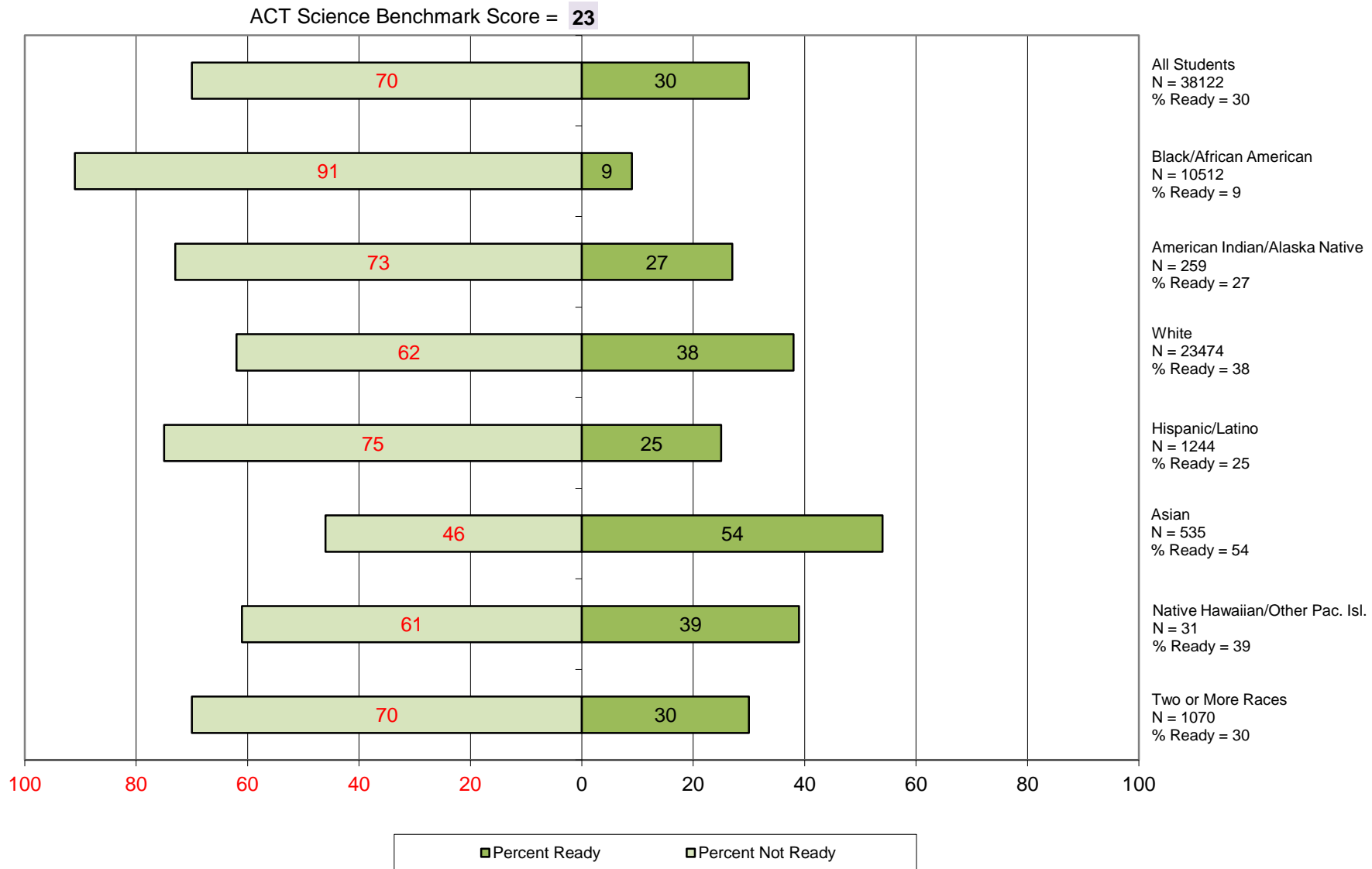
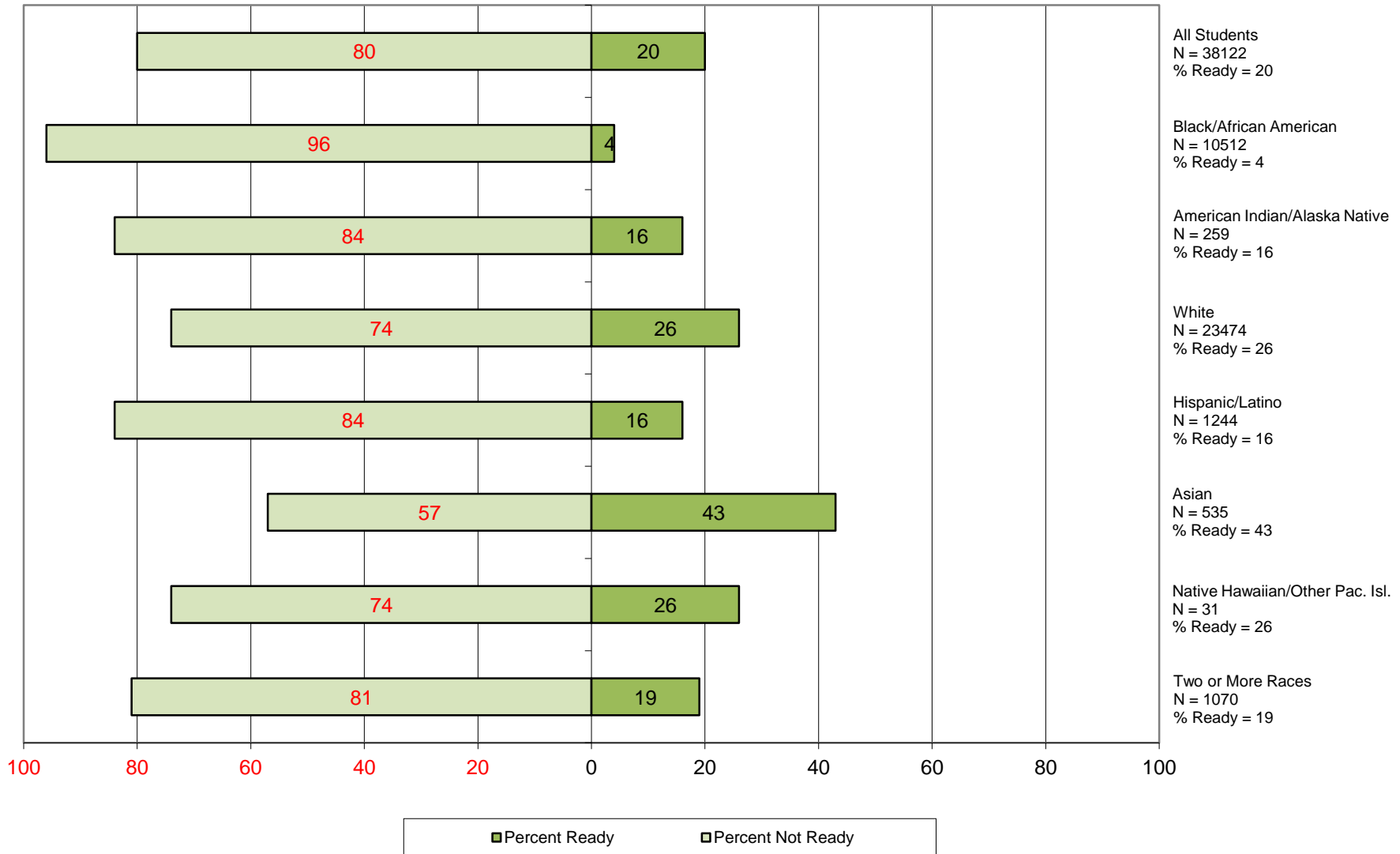


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 38,122

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	8,232	22	21.0	3.3	3,548	20	20.7	3.5	4,684	23	21.3	3.2
Eng 9, Eng 10, Eng 11, Eng 12	29,116	76	20.5	2.8	13,411	77	20.3	3.1	15,702	76	20.6	2.5
Less than 4 years of English	435	1	17.7	-	196	1	17.2	-	239	1	18.1	-
Zero years / no English courses reported	339	1	16.3	-	198	1	16.1	-	141	1	16.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,099	8	20.5	4.6	1,259	7	21.5	5.5	1,839	9	19.9	4.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,203	14	20.1	4.2	1,988	11	20.7	4.7	3,215	15	19.7	4.0
Alg 1, Alg 2, Geom, & Trig	3,811	10	17.8	1.9	1,667	10	18.0	2.0	2,143	10	17.6	1.9
Alg 1, Alg 2, Geom, & Other Adv Math	2,396	6	18.1	2.2	1,104	6	18.3	2.3	1,292	6	17.9	2.2
Other comb of 4 or more years of Math	16,132	42	21.2	5.3	7,762	45	21.8	5.8	8,370	40	20.6	4.9
Alg 1, Alg 2, & Geom	3,637	10	16.5	0.6	1,722	10	16.7	0.7	1,914	9	16.3	0.6
Other comb of 3 or 3.5 years of Math	1,622	4	17.6	1.7	801	5	17.9	1.9	821	4	17.3	1.6
Less than 3 years of Math	1,870	5	15.9	-	847	5	16.0	-	1,023	5	15.7	-
Zero years / no Math courses reported	352	1	17.1	-	203	1	17.3	-	149	1	16.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	794	2	20.3	1.2	387	2	20.0	1.1	407	2	20.7	1.4
Other comb of 4 or more years Social Science	24,903	65	21.5	2.4	11,153	64	21.4	2.5	13,749	66	21.5	2.2
US Hist, World Hist, & Am Gov	1,077	3	19.0	-0.1	483	3	19.2	0.3	594	3	18.8	-0.5
Other comb of 3 or 3.5 years of Social Science	9,455	25	20.2	1.1	4,377	25	20.4	1.5	5,076	24	20.2	0.9
Less than 3 years of Social Science	1,553	4	19.1	-	754	4	18.9	-	799	4	19.3	-
Zero years / no Social Science courses reported	340	1	18.4	-	199	1	18.4	-	141	1	18.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	18,336	48	20.8	2.8	8,842	51	21.5	3.4	9,491	46	20.1	2.2
Bio, Chem, Phys	1,931	5	23.4	5.4	901	5	24.8	6.7	1,030	5	22.2	4.3
Gen Sci ² , Bio, Chem	10,885	29	20.0	2.0	4,451	26	20.2	2.1	6,434	31	19.8	1.9
Other comb of 3 years of Natural Science	1,116	3	17.7	-0.3	561	3	18.3	0.2	555	3	17.1	-0.8
Less than 3 years of Natural Science	5,508	14	18.0	-	2,396	14	18.1	-	3,112	15	17.9	-
Zero years / no Natural Science courses reported	346	1	18.0	-	202	1	18.1	-	144	1	17.9	-

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: 38,122

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	8,232	22	21.0	68	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	29,116	76	20.5	66	1,265,911	70	20.3	65
Less than 4 years of English	435	1	17.7	46	84,048	5	15.9	36
Zero years / no English courses reported	339	1	16.3	36	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,099	8	20.5	39	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,203	14	20.1	36	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	3,811	10	17.8	15	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	2,396	6	18.1	20	336,291	19	19.6	32
Other comb of 4 or more years of Math	16,132	42	21.2	45	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	3,637	10	16.5	6	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	1,622	4	17.6	15	88,866	5	19.7	34
Less than 3 years of Math	1,870	5	15.9	3	77,906	4	16.3	7
Zero years / no Math courses reported	352	1	17.1	14	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	794	2	20.3	36	50,989	3	22.2	51
Other comb of 4 or more years Social Science	24,903	65	21.5	45	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	1,077	3	19.0	29	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	9,455	25	20.2	36	489,586	27	21.0	43
Less than 3 years of Social Science	1,553	4	19.1	30	171,617	10	19.1	32
Zero years / no Social Science courses reported	340	1	18.4	29	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	18,336	48	20.8	35	767,293	43	21.9	46
Bio, Chem, Phys	1,931	5	23.4	55	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	10,885	29	20.0	27	504,165	28	19.9	28
Other comb of 3 years of Natural Science	1,116	3	17.7	12	51,822	3	19.1	25
Less than 3 years of Natural Science	5,508	14	18.0	13	218,267	12	18.0	17
Zero years / no Natural Science courses reported	346	1	18.0	18	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: 38,122

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	618	2	19.2	56	3	16.3	528	2	19.6
Architecture	424	1	20.7	7	0	17.3	396	1	20.8
Area, Ethnic, & Multidisciplinary Studies	30	0	20.3	2	0	15.5	25	0	21.0
Arts: Visual & Performing	2,095	5	20.2	116	5	16.7	1,868	6	20.5
Business	2,927	8	19.6	245	11	16.1	2,544	8	20.0
Communications	670	2	20.8	14	1	16.0	625	2	20.9
Community, Family, & Personal Services	806	2	18.1	89	4	16.3	670	2	18.4
Computer Science & Mathematics	902	2	21.0	57	3	16.0	800	2	21.5
Education	2,281	6	20.0	71	3	16.7	2,136	6	20.2
Engineering	3,101	8	22.1	109	5	16.9	2,861	8	22.4
Engineering Technology & Drafting	620	2	19.0	77	3	16.2	527	2	19.4
English & Foreign Languages	329	1	24.2	7	0	18.1	310	1	24.4
Health Administration & Assisting	2,364	6	17.7	255	11	16.1	1,995	6	17.9
Health Sciences & Technologies	8,527	22	20.5	398	18	17.1	7,883	23	20.7
Philosophy, Religion, & Theology	205	1	21.3	8	0	17.9	187	1	21.5
Repair, Production, & Construction	411	1	16.9	209	9	16.3	169	1	17.5
Sciences: Biological & Physical	1,970	5	22.3	30	1	16.9	1,881	6	22.4
Social Sciences & Law	2,640	7	20.5	70	3	16.6	2,465	7	20.7
Undecided	6,912	18	21.0	407	18	16.5	5,839	17	21.4
No Response	286	1	17.6	10	0	15.8	71	0	18.5

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

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

Total Students in Report: 38,122

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	563	16.3	207	14.6	9	17.7	283	17.4	28	16.3
2-yr College Degree	1,674	16.6	462	14.8	20	16.9	1,041	17.3	76	16.4
Bachelors Degree	20,315	19.4	5,892	16.6	126	18.7	12,575	20.7	637	18.9
Graduate Study	4,949	23.1	895	18.8	32	23.1	3,575	24.2	111	22.4
Prof. Level Degree	8,520	22.6	2,531	18.9	61	22.3	4,836	24.3	310	22.0
Other	628	17.3	240	15.0	2	20.0	300	18.9	28	16.4
No Response	1,473	20.1	285	16.2	9	18.0	864	21.5	54	18.6

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	563	16.3	11	19.2	0	.	17	16.0	8	17.9
2-yr College Degree	1,674	16.6	10	18.4	0	.	44	17.6	21	15.6
Bachelors Degree	20,315	19.4	163	20.4	17	19.5	507	19.4	398	20.4
Graduate Study	4,949	23.1	60	25.4	4	21.3	139	22.8	133	22.7
Prof. Level Degree	8,520	22.6	251	26.5	8	27.3	305	22.6	218	24.3
Other	628	17.3	8	19.9	1	19.0	26	17.3	23	19.0
No Response	1,473	20.1	32	26.4	1	13.0	32	19.6	196	19.2

Total Students in Report: 38,122

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 ALABAMA	Alabama	9,913	3,914	5,999	1	7	24	31	22	14	1
AUBURN UNIVERSITY	Alabama	8,242	3,546	4,696	1	5	19	29	26	18	2
UNIVERSITY OF ALABAMA IN BIRMINGHAM	Alabama	6,514	1,857	4,657	1	8	27	32	20	11	1
UNIVERSITY OF SOUTH ALABAMA	Alabama	5,075	1,607	3,468	1	10	30	33	19	7	0
TROY UNIVERSITY-TROY	Alabama	5,034	1,350	3,684	1	12	33	31	17	6	0
JACKSONVILLE STATE UNIVERSITY	Alabama	3,266	1,083	2,183	2	14	33	30	16	5	0
UNIVERSITY OF NORTH ALABAMA	Alabama	2,935	835	2,100	1	9	30	32	20	8	0
UNIVERSITY OF ALABAMA IN HUNTSVILLE	Alabama	2,218	505	1,713	1	8	23	28	25	14	2
ALABAMA STATE UNIVERSITY	Alabama	2,130	723	1,407	6	31	43	15	4	1	0
AUBURN UNIVERSITY MONTGOMERY	Alabama	1,775	473	1,302	2	15	36	30	14	3	0
SAMFORD UNIVERSITY	Alabama	1,638	311	1,327	1	5	16	28	29	20	2
UNIVERSITY OF MONTEVALLO	Alabama	1,400	380	1,020	1	6	26	33	23	10	1
MISSISSIPPI STATE UNIVERSITY	Mississippi	1,366	236	1,130	1	6	18	26	28	19	2
ALABAMA A & M UNIVERSITY	Alabama	1,361	433	928	6	33	43	16	3	0	0
SHELTON STATE COMMUNITY COLLEGE	Alabama	1,152	356	796	4	19	39	28	8	2	0
UNIVERSITY OF WEST ALABAMA	Alabama	1,084	271	813	3	20	41	27	9	1	0
WALLACE STATE COMMUNITY COLLEGE	Alabama	1,075	381	694	2	15	39	31	10	2	0
CALHOUN COMMUNITY COLLEGE	Alabama	988	437	551	1	14	34	30	16	4	0
JEFFERSON STATE COMMUNITY COLLEGE	Alabama	940	257	683	3	18	40	29	8	1	0
NCAA ELIGIBILITY CENTER	Indiana	869	422	447	2	15	34	29	14	6	0
TUSKEGEE UNIVERSITY	Alabama	858	221	637	3	22	43	25	7	1	0
BIRMINGHAM-SOUTHERN COLLEGE	Alabama	802	153	649	2	7	23	27	24	15	2
UNIVERSITY OF MISSISSIPPI	Mississippi	741	104	637	0	2	12	31	31	22	2
FAULKNER STATE COMMUNITY COLLEGE	Alabama	724	238	486	3	19	40	27	10	1	0
VANDERBILT UNIVERSITY	Tennessee	691	122	569	0	2	5	15	20	46	12
UNIVERSITY OF MOBILE	Alabama	689	157	532	1	8	31	35	19	6	0
GADSDEN STATE COMMUNITY COLLEGE	Alabama	657	199	458	2	19	39	28	11	2	0
SOUTHERN UNION STATE COMMUNITY COLLEGE	Alabama	619	176	443	3	16	40	30	10	2	0
HUNTINGDON COLLEGE	Alabama	608	132	476	0	12	35	31	16	5	0
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	596	126	470	1	7	27	31	26	8	1
All Other Institutions		21,834	5,321	16,513	2	13	28	25	17	13	3
Total		87,794	26,326	61,468	2	11	28	28	18	11	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: 38,122

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	12,421	942,769	21.4	21.3	6.3	7.0	20.0	20.5
Black/African American	3,530	114,751	17.5	16.3	5.8	6.1	16.6	16.0
American Indian/Alaska Native	78	6,031	21.0	16.8	6.7	6.1	20.1	16.4
White	7,323	518,407	23.2	22.9	6.5	7.2	21.4	21.9
Hispanic/Latino	461	151,504	20.0	18.6	6.6	6.8	19.2	18.3
Asian	270	54,580	26.3	23.5	7.4	7.6	24.6	22.7
Native Hawaiian/Other Pac. Isl.	13	2,812	20.8	19.5	5.9	6.9	19.2	19.2
Two or more races	373	35,355	21.3	21.5	6.3	7.0	19.8	20.6
Prefer not/No Response	373	59,329	23.0	21.8	6.6	7.1	21.5	20.9
Males	5,599	423,104	21.6	21.0	6.0	6.7	19.9	20.1
Females	6,822	513,945	21.2	21.6	6.5	7.2	20.1	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5

