

ACT Profile Report - State

Graduating Class 2014

Alabama



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This report provides information about the performance of your 2014 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2014. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

21% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 37,985 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 4% 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. 5% 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 15% of the cohort took less than three years of natural science courses. 15% 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 60% 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

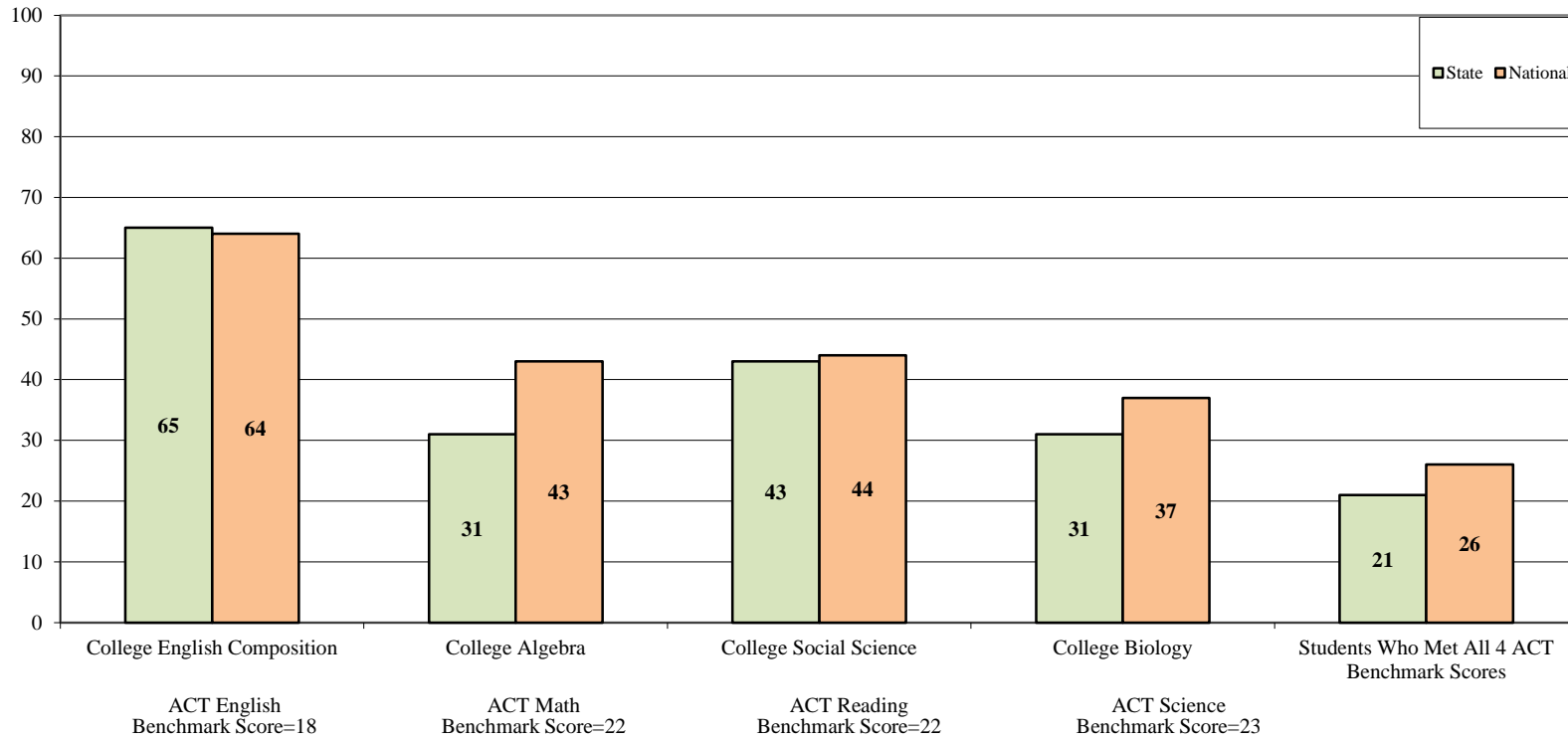
Executive Summary

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: 37,985

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2010	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
2014	37,985	1,845,787	65	64	31	43	43	44	31	37	21	26

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2010	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
2014	37,985	1,845,787	20.7	20.3	19.5	20.9	21.3	21.3	20.4	20.8	20.6	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	1,799,243	20.2	20.9	21.1	20.7	20.9
2014	1,845,787	20.3	20.9	21.3	20.8	21.0

Total Students in Report: 37,985

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2010	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
2014	30,035	7,661	79	20	21.4	17.8	20.1	17.5	21.9	19.0	20.9	18.3	21.2	18.3

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

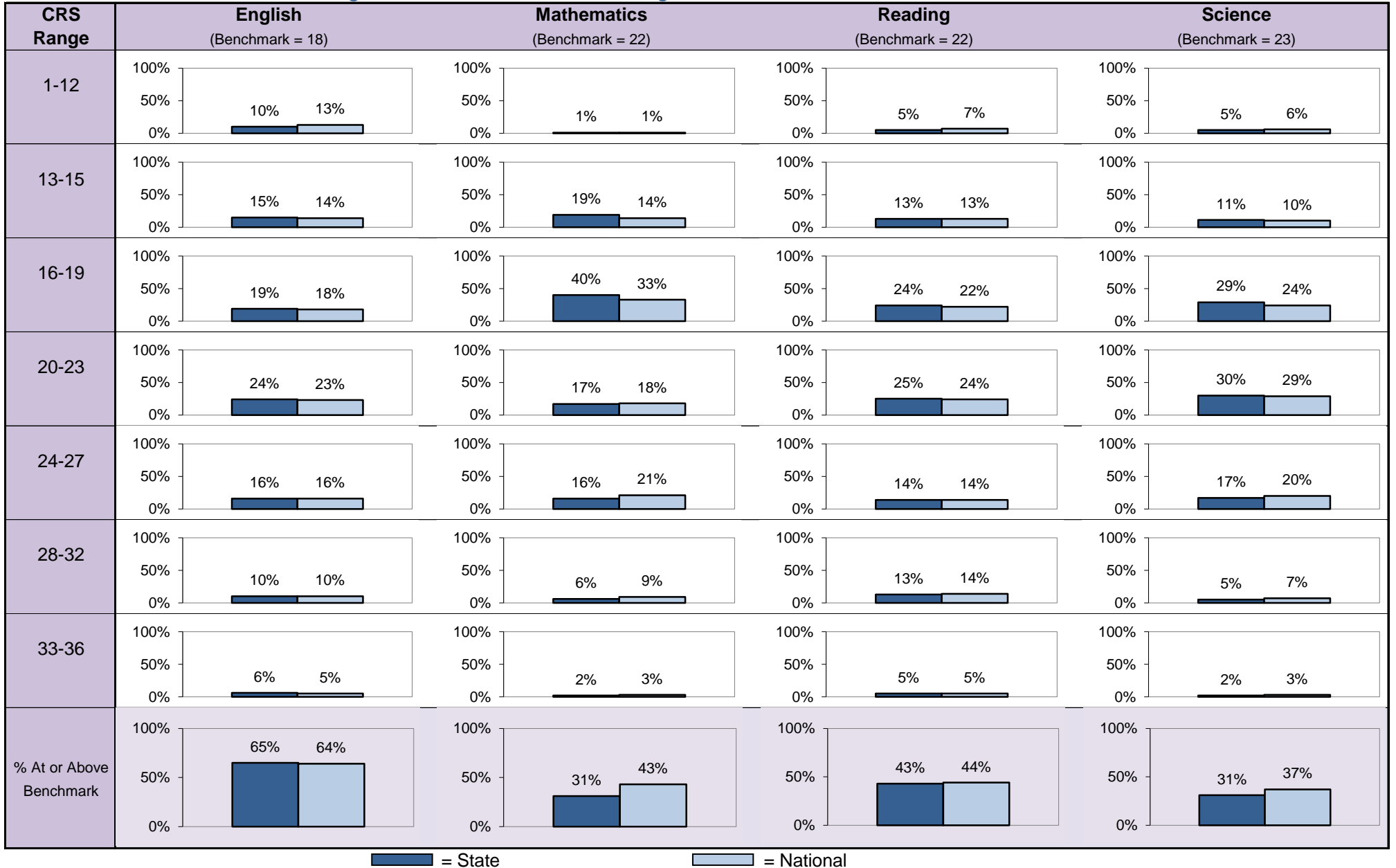
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	36,624	100	20.3	37,800	100	20.3	39,565	100	20.3	38,122	100	20.4	37,985	100	20.6
Black/African American	10,247	28	17.1	10,824	29	17.2	11,166	28	17.1	10,512	28	17.2	10,205	27	17.2
American Indian/Alaska Native	329	1	20.6	305	1	20.5	281	1	19.8	259	1	19.9	265	1	20.1
White	23,516	64	21.7	23,749	63	21.7	24,540	62	21.7	23,474	62	21.8	23,389	62	22.0
Hispanic/Latino	623	2	20.0	949	3	19.9	1,150	3	19.8	1,244	3	19.7	1,361	4	19.7
Asian	569	2	24.0	521	1	23.5	597	2	23.5	535	1	24.1	588	2	24.1
Native Hawaiian/Other Pacific Islander	0	0	.	21	0	19.9	19	0	20.3	31	0	21.5	26	0	24.3
Two or more races	515	1	20.6	669	2	20.7	993	3	20.8	1,070	3	20.6	1,120	3	20.9
Prefer not to respond/No response	825	2	20.7	762	2	20.8	819	2	21.3	997	3	21.1	1,031	3	21.2

Total Students in Report: 37,985

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



Total Students in Report: 37,985

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	37,476	99	20.7	19.5	21.2	20.4	20.6
	Extended Time	509	1	19.6	19.0	21.6	20.2	20.2
	Total	37,985	100	20.7	19.5	21.3	20.4	20.6
National	Standard Time	1,769,033	96	20.5	21.0	21.4	20.9	21.1
	Extended Time	76,754	4	16.2	17.8	18.5	18.1	17.8
	Total	1,845,787	100	20.3	20.9	21.3	20.8	21.0

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

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	66	31	42	31	21
	Extended Time	59	29	48	33	22
	Total	65	31	43	31	21
National	Standard Time	65	44	45	37	27
	Extended Time	37	21	30	21	15
	Total	64	43	44	37	26

Section II

Academic Achievement

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

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

Total Students in Report: 37,985

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	143	100	48	100	227	100	147	100	18	100	36
35	637	100	135	100	255	99	193	100	91	100	35
34	731	98	208	100	565	99	280	99	209	100	34
33	665	96	229	99	739	97	226	98	294	99	33
32	609	94	192	98	977	95	257	98	470	98	32
31	585	93	240	98	1,030	93	479	97	590	97	31
30	809	91	375	97	904	90	441	96	936	96	30
29	941	89	534	96	937	88	289	95	657	93	29
28	871	87	782	95	1,052	85	601	94	998	91	28
27	1,063	84	1,066	93	1,053	82	1,211	92	1,131	89	27
26	1,317	81	1,396	90	1,231	80	918	89	1,391	86	26
25	1,780	78	1,664	86	1,281	76	2,107	87	1,558	82	25
24	1,967	73	1,789	82	1,835	73	2,201	81	1,887	78	24
23	1,794	68	1,765	77	2,057	68	2,508	75	2,092	73	23
22	2,235	63	1,515	73	2,026	63	3,137	69	2,288	68	22
21	2,426	57	1,479	69	3,463	57	2,614	61	2,750	62	21
20	2,613	51	1,603	65	2,048	48	3,276	54	2,820	54	20
19	1,995	44	1,974	60	3,096	43	3,689	45	2,979	47	19
18	1,698	39	2,895	55	2,096	35	2,660	35	3,002	39	18
17	1,606	35	4,407	48	2,126	29	2,622	28	2,933	31	17
16	2,086	30	6,047	36	1,930	24	1,985	21	2,614	23	16
15	2,524	25	4,747	20	1,956	19	1,584	16	2,357	17	15
14	1,833	18	1,908	8	1,798	13	1,447	12	1,835	10	14
13	1,317	13	680	3	1,363	9	1,059	8	1,275	5	13
12	1,038	10	224	1	1,034	5	820	5	588	2	12
11	1,054	7	62	1	536	2	611	3	179	1	11
10	830	4	13	1	228	1	330	2	33	1	10
9	426	2	2	1	77	1	208	1	7	1	9
8	260	1	3	1	19	1	60	1	3	1	8
7	97	1	0	1	30	1	16	1	0	1	7
6	22	1	3	1	12	1	3	1	0	1	6
5	12	1	0	1	3	1	3	1	0	1	5
4	0	1	0	1	1	1	2	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	1	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.7 (6.5)		19.5 (4.8)		21.3 (6.0)		20.4 (5.1)		20.6 (5.1)		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: 37,985

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	1,680	100	447	100	774	100	1,101	100	717	100	149	100	165	100	18
17	1,989	96	824	99	1,799	98	2,131	97	822	98	309	100	107	100	17
16	1,446	90	1,808	97	2,158	93	2,110	91	1,193	96	547	99	873	99	16
15	1,670	87	2,596	92	1,524	88	2,250	86	1,378	93	1,222	97	1,351	97	15
14	1,646	82	2,653	85	2,723	84	1,840	80	2,109	89	2,200	94	1,721	93	14
13	2,551	78	3,196	78	3,150	76	2,762	75	2,639	84	2,630	88	2,300	89	13
12	2,394	71	3,339	70	3,751	68	3,243	68	3,618	77	3,782	81	3,278	83	12
11	3,715	65	3,852	61	3,247	58	3,709	59	2,696	67	3,408	71	4,199	74	11
10	3,948	55	3,795	51	3,840	50	3,199	50	2,613	60	6,753	62	4,513	63	10
9	3,955	45	4,303	41	3,596	40	4,828	41	3,573	53	5,281	45	6,511	51	9
8	3,275	34	3,908	29	4,559	30	2,944	28	5,010	44	4,887	31	5,201	34	8
7	2,836	26	2,254	19	3,427	18	2,707	21	5,753	31	3,125	18	3,369	20	7
6	2,530	18	2,089	13	1,936	9	2,027	14	3,458	15	1,918	10	1,783	12	6
5	2,236	11	1,646	8	917	4	2,172	8	1,491	6	851	5	1,105	7	5
4	1,157	6	972	3	344	2	671	3	586	2	447	2	735	4	4
3	721	3	254	1	139	1	216	1	252	1	387	1	441	2	3
2	214	1	45	1	82	1	71	1	69	1	10	1	215	1	2
1	22	1	4	1	19	1	4	1	8	1	79	1	118	1	1
Avg (SD)	10.3 (3.9)		10.5 (3.4)		10.8 (3.4)		10.8 (3.7)		9.8 (3.4)		9.9 (2.8)		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	25	23	24
Q2 (50th Percentile)	20	18	21	20	20
Q1 (25th Percentile)	16	16	17	17	17

Total Students in Report: 37,985

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	37,985	79	21.2	18.3
	Black/African American	10,205	75	17.6	16.0
	American Indian/Alaska Native	265	77	20.4	19.1
	White	23,389	81	22.6	19.5
	Hispanic/Latino	1,361	74	20.5	17.4
	Asian	588	84	24.4	22.6
	Native Hawaiian/Other Pac. Isl.	26	85	24.9	22.3
	Two or more races	1,120	79	21.5	18.8
	Prefer not/No Response	1,031	70	22.3	19.8
National	All Students	1,845,787	73	21.8	18.9
	Black/African American	241,678	68	17.6	15.7
	American Indian/Alaska Native	14,263	62	19.0	16.5
	White	1,038,435	76	23.1	20.2
	Hispanic/Latino	281,216	71	19.5	17.3
	Asian	80,370	79	24.2	21.6
	Native Hawaiian/Other Pac. Isl.	5,676	65	20.0	16.6
	Two or more races	70,013	74	22.0	19.2
	Prefer not/No Response	114,136	56	22.6	18.5

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.7	19.5	21.3	20.4	20.6
	Black/African American	16.5	16.7	17.7	17.4	17.2
	American Indian/Alaska Native	20.0	19.0	20.8	19.9	20.1
	White	22.4	20.6	22.8	21.6	22.0
	Hispanic/Latino	19.2	19.1	20.2	19.7	19.7
	Asian	24.0	24.6	23.4	23.8	24.1
	Native Hawaiian/Other Pac. Isl.	24.6	23.1	24.7	24.2	24.3
	Two or more races	21.0	19.7	21.8	20.7	20.9
	Prefer not/No Response	21.5	20.0	21.8	20.9	21.2
National	All Students	20.3	20.9	21.3	20.8	21.0
	Black/African American	15.8	17.2	17.3	17.0	17.0
	American Indian/Alaska Native	16.6	18.1	18.4	18.3	18.0
	White	22.0	22.0	22.8	22.1	22.3
	Hispanic/Latino	17.7	19.2	19.1	18.8	18.8
	Asian	22.8	24.9	22.8	23.2	23.5
	Native Hawaiian/Other Pac. Isl.	17.5	19.2	18.7	18.6	18.6
	Two or more races	20.6	20.9	21.7	21.0	21.2
	Prefer not/No Response	20.0	20.7	21.1	20.5	20.7

Total Students in Report: 37,985

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	2,176	6	620	2	1,786	5	846	2
	28 to 32	3,815	10	2,123	6	4,900	13	2,067	5
	24 to 27	6,127	16	5,915	16	5,400	14	6,437	17
	20 to 23	9,068	24	6,362	17	9,594	25	11,535	30
	16 to 19	7,385	19	15,323	40	9,248	24	10,956	29
	13 to 15	5,674	15	7,335	19	5,117	13	4,090	11
	01 to 12	3,740	10	307	1	1,940	5	2,054	5
National	33 to 36	92,922	5	55,103	3	97,714	5	55,222	3
	28 to 32	185,768	10	174,260	9	257,722	14	128,357	7
	24 to 27	302,723	16	383,630	21	263,034	14	367,160	20
	20 to 23	431,178	23	336,283	18	445,726	24	542,581	29
	16 to 19	330,518	18	616,601	33	409,685	22	448,064	24
	13 to 15	264,127	14	266,401	14	240,948	13	186,262	10
	01 to 12	238,551	13	13,509	1	130,958	7	118,141	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	17,404	46	20.5	20.1	21.3	20.9	20.8
	Females	20,575	54	20.8	19.0	21.2	19.9	20.4
	Missing	6	0	13.5	16.5	15.8	16.0	15.7
National	Males	856,651	46	20.0	21.4	21.1	21.2	21.1
	Females	977,127	53	20.7	20.5	21.5	20.5	20.9
	Missing	12,009	1	15.7	17.8	17.3	17.4	17.2

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	64	36	43	36	24
	Females	67	27	42	27	18
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 37,985

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	30,035	71	21.4	36	20.1	47	21.9	35	20.9	24	21.2
	Less than Core	7,661	46	17.8	15	17.5	27	19.0	16	18.3	9	18.3
	Missing ³	289	43	16.9	15	17.2	30	18.8	18	18.1	11	17.9
National	Core or More	1,347,997	71	21.4	50	21.7	50	22.2	42	21.6	31	21.8
	Less than Core	405,073	48	17.9	27	18.9	30	19.2	23	18.9	15	18.9
	Missing	92,717	36	16.0	18	17.7	23	17.7	16	17.6	10	17.4

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

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

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

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

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	37,302	66	20.7	36,120	33	19.7	36,126	43	21.3	31,995	34	20.8
	Less than Core	417	47	18.1	1,589	3	15.8	1,593	32	19.5	5,719	15	18.2
	Missing ³	266	45	17.0	276	16	17.2	266	32	19.1	271	19	18.3
National	Core or More	1,676,095	67	20.8	1,686,194	46	21.3	1,580,108	47	21.7	1,538,158	41	21.4
	Less than Core	88,420	36	15.9	74,627	8	16.4	180,385	32	19.4	220,701	17	18.1
	Missing	81,272	38	16.3	84,966	19	17.8	85,294	24	17.8	86,928	17	17.7

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

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

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

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

Section III

College Readiness and the Impact of Course Rigor

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

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

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

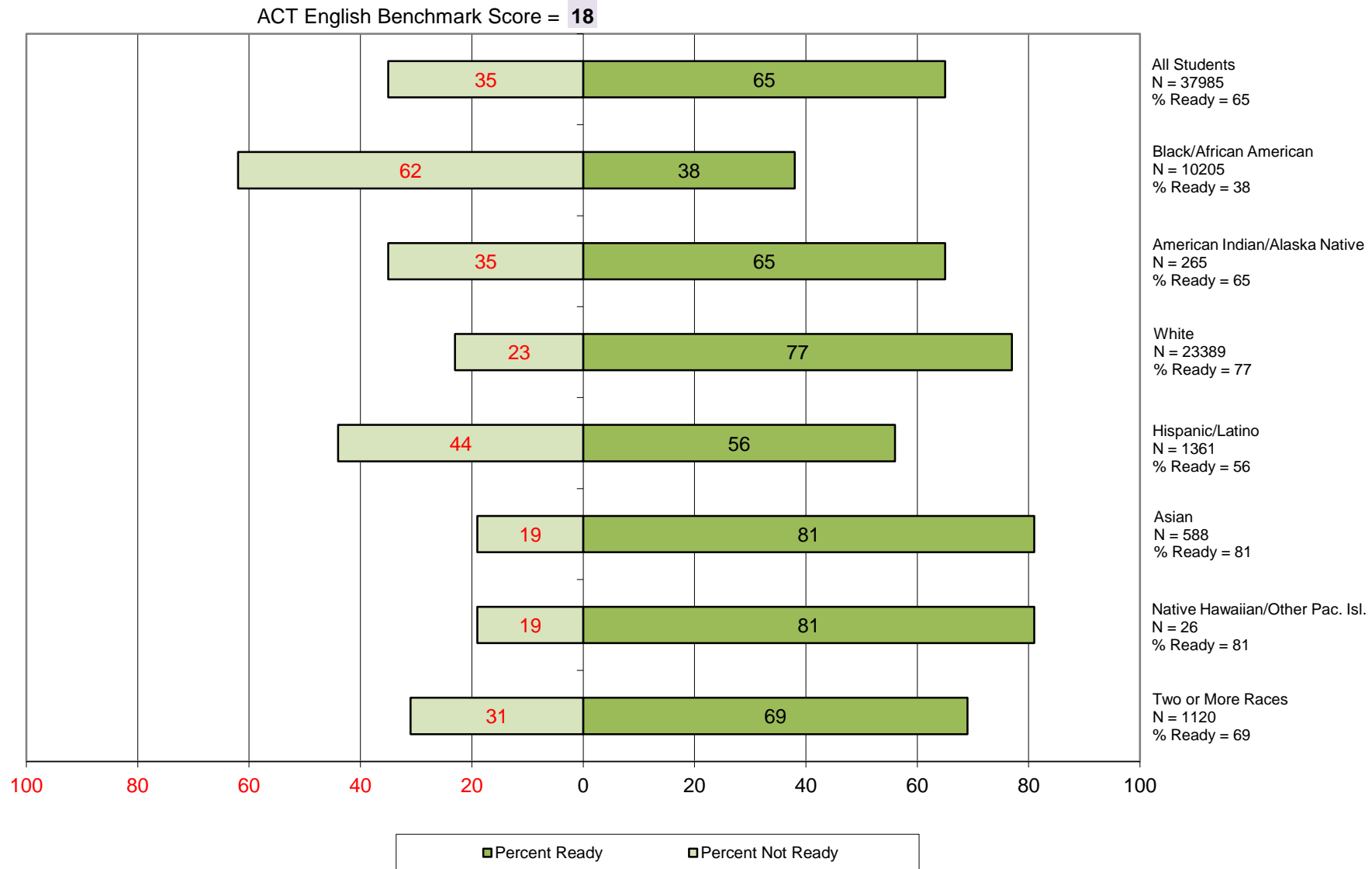


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

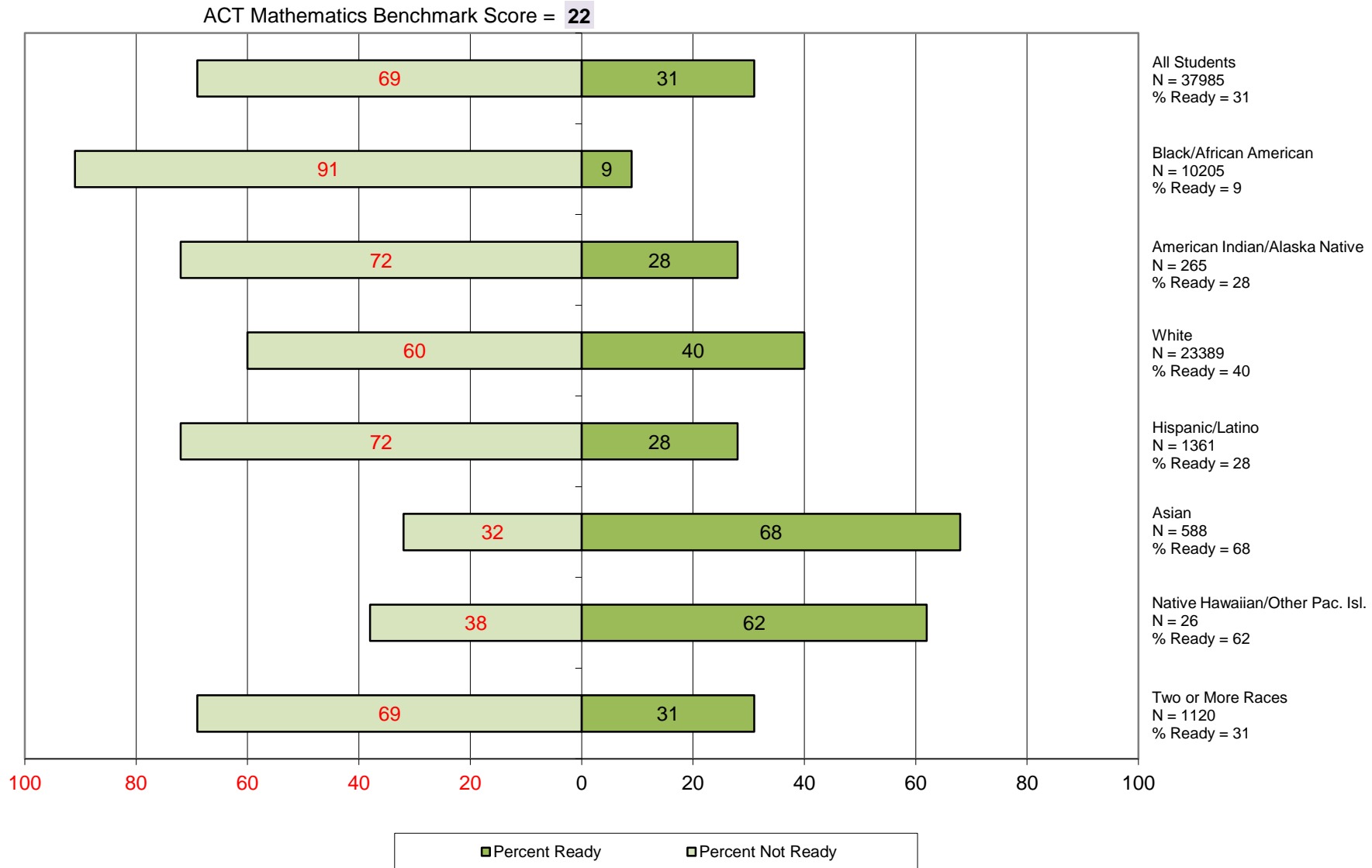


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

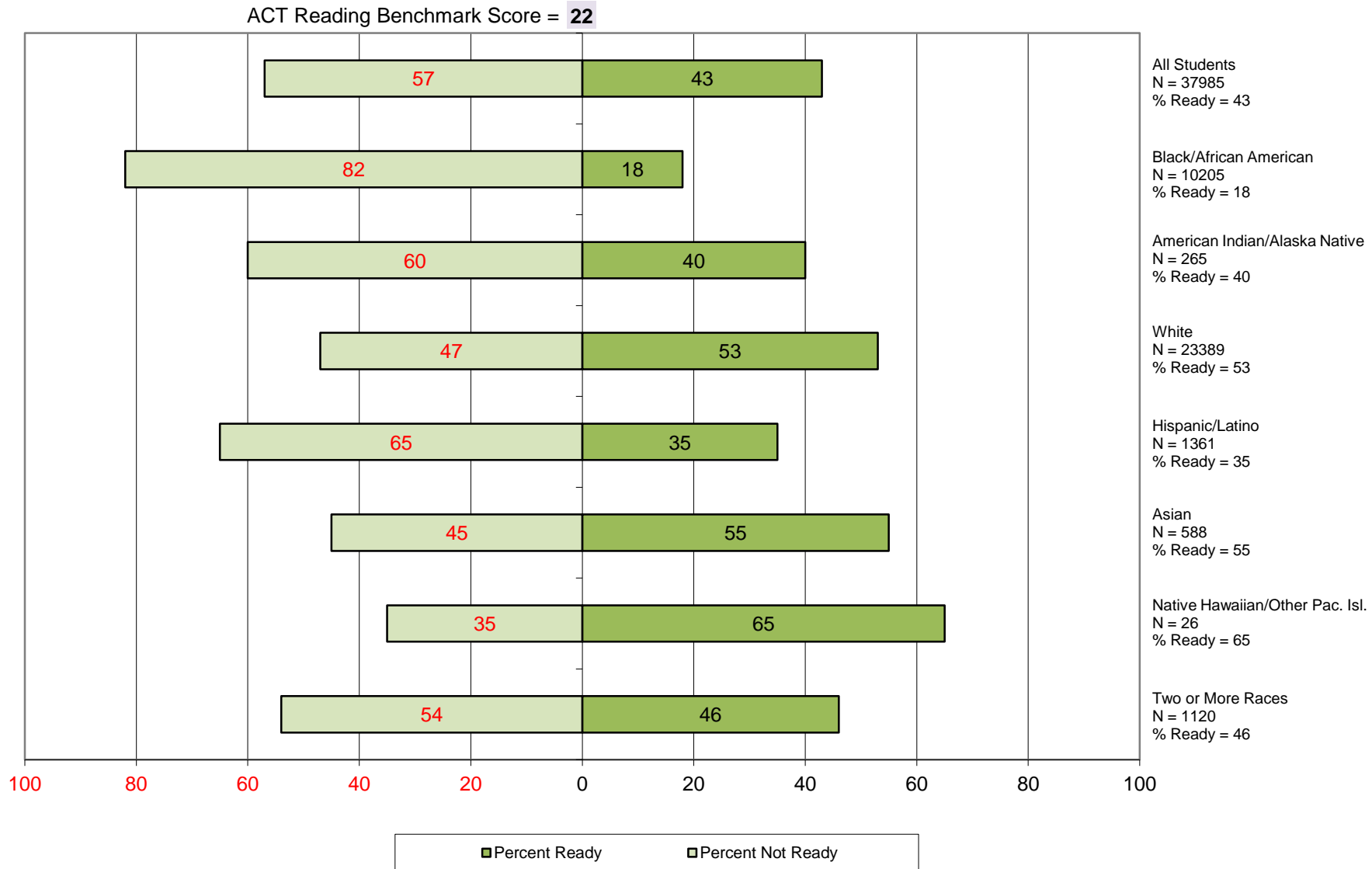
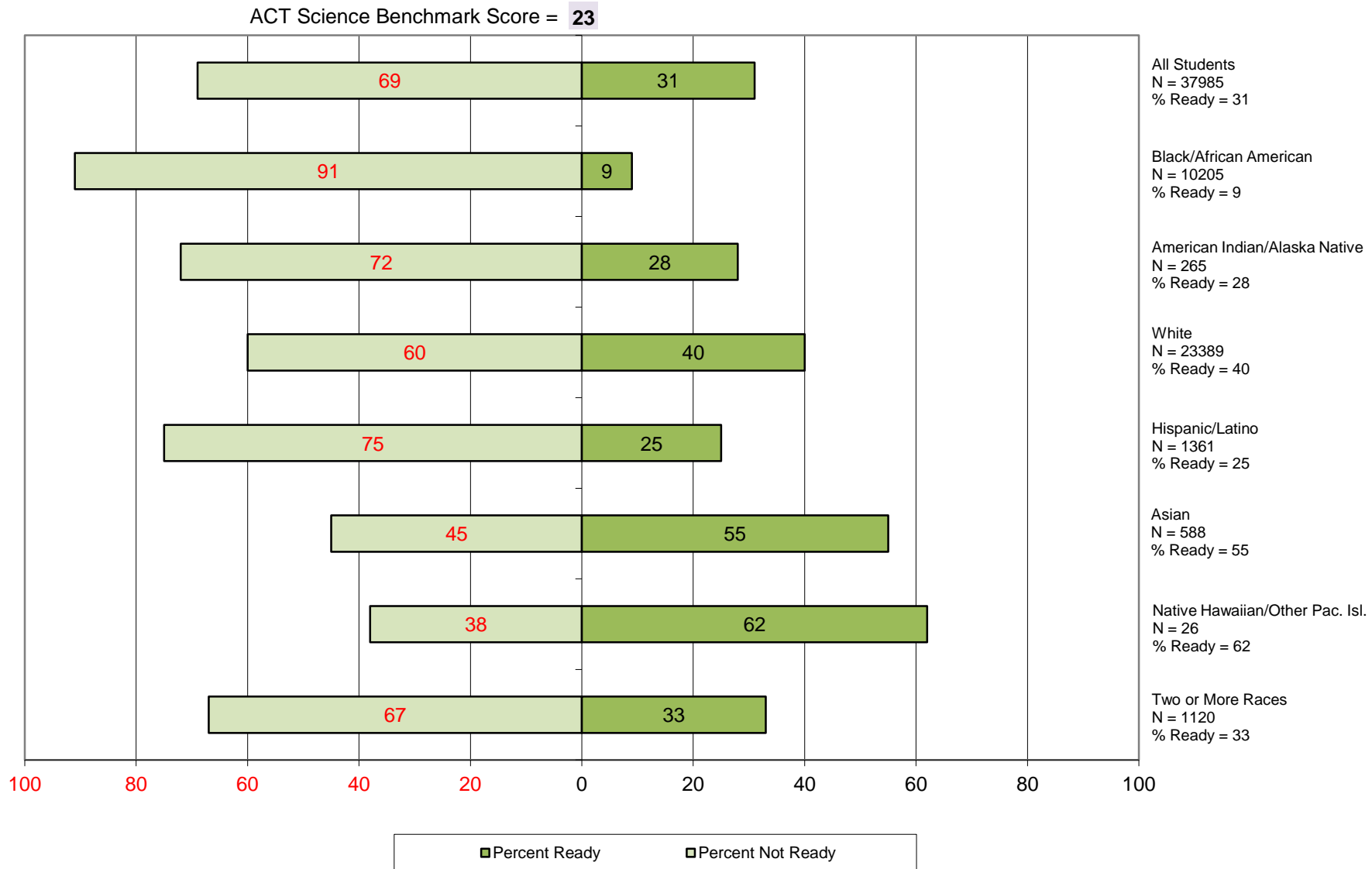
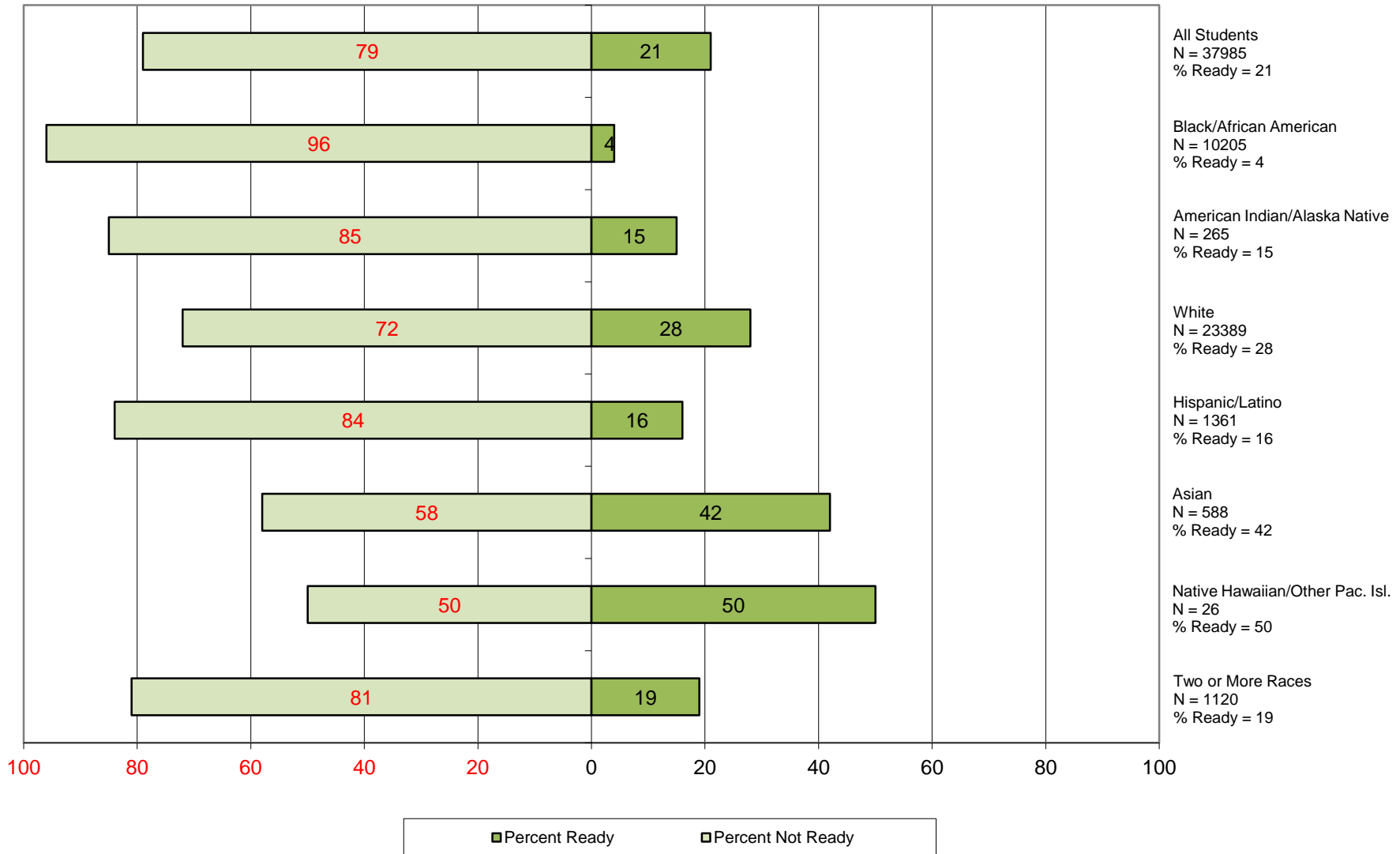


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Total Students in Report: 37,985

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



Total Students in Report: 37,985

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	7,968	21	21.1	3.0	3,522	20	20.9	3.1	4,446	22	21.4	3.1
Eng 9, Eng 10, Eng 11, Eng 12	29,334	77	20.6	2.5	13,531	78	20.4	2.6	15,797	77	20.8	2.5
Less than 4 years of English	417	1	18.1	-	194	1	17.8	-	223	1	18.3	-
Zero years / no English courses reported	266	1	17.0	-	157	1	16.8	-	109	1	17.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,196	8	20.2	4.4	1,349	8	21.1	5.0	1,847	9	19.6	4.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,229	14	19.9	4.1	1,998	11	20.5	4.4	3,230	16	19.4	3.9
Alg 1, Alg 2, Geom, & Trig	3,959	10	17.6	1.8	1,735	10	18.1	2.0	2,223	11	17.3	1.8
Alg 1, Alg 2, Geom, & Other Adv Math	2,296	6	18.1	2.3	1,010	6	18.2	2.1	1,285	6	17.9	2.4
Other comb of 4 or more years of Math	16,084	42	21.3	5.5	7,776	45	22.0	5.9	8,306	40	20.6	5.1
Alg 1, Alg 2, & Geom	3,885	10	16.4	0.6	1,851	11	16.6	0.5	2,033	10	16.1	0.6
Other comb of 3 or 3.5 years of Math	1,471	4	17.5	1.7	746	4	17.9	1.8	725	4	17.1	1.6
Less than 3 years of Math	1,589	4	15.8	-	779	4	16.1	-	810	4	15.5	-
Zero years / no Math courses reported	276	1	17.2	-	160	1	17.4	-	116	1	17.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	802	2	21.3	1.8	437	3	21.3	1.9	364	2	21.4	1.8
Other comb of 4 or more years Social Science	24,406	64	21.8	2.3	10,971	63	21.8	2.4	13,433	65	21.7	2.1
US Hist, World Hist, & Am Gov	1,171	3	19.2	-0.3	578	3	19.3	-0.1	592	3	19.2	-0.4
Other comb of 3 or 3.5 years of Social Science	9,747	26	20.5	1.0	4,440	26	20.7	1.3	5,306	26	20.5	0.9
Less than 3 years of Social Science	1,593	4	19.5	-	821	5	19.4	-	771	4	19.6	-
Zero years / no Social Science courses reported	266	1	19.1	-	157	1	18.9	-	109	1	19.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	18,001	47	21.0	2.8	8,786	50	21.8	3.5	9,214	45	20.3	2.2
Bio, Chem, Phys	2,022	5	23.8	5.6	965	6	25.0	6.7	1,057	5	22.8	4.7
Gen Sci ² , Bio, Chem	10,789	28	20.1	1.9	4,411	25	20.3	2.0	6,377	31	20.0	1.9
Other comb of 3 years of Natural Science	1,183	3	17.9	-0.3	585	3	18.4	0.1	598	3	17.4	-0.7
Less than 3 years of Natural Science	5,719	15	18.2	-	2,497	14	18.3	-	3,218	16	18.1	-
Zero years / no Natural Science courses reported	271	1	18.3	-	160	1	18.6	-	111	1	18.0	-

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: 37,985

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	7,968	21	21.1	68	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	29,334	77	20.6	65	1,305,220	71	20.5	65
Less than 4 years of English	417	1	18.1	47	88,420	5	15.9	36
Zero years / no English courses reported	266	1	17.0	45	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,196	8	20.2	37	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,229	14	19.9	34	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	3,959	10	17.6	14	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	2,296	6	18.1	20	356,555	19	19.4	31
Other comb of 4 or more years of Math	16,084	42	21.3	46	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	3,885	10	16.4	5	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	1,471	4	17.5	13	90,105	5	19.8	35
Less than 3 years of Math	1,589	4	15.8	3	74,627	4	16.4	8
Zero years / no Math courses reported	276	1	17.2	16	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	802	2	21.3	42	48,992	3	22.3	50
Other comb of 4 or more years Social Science	24,406	64	21.8	46	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	1,171	3	19.2	28	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	9,747	26	20.5	37	504,877	27	21.3	43
Less than 3 years of Social Science	1,593	4	19.5	32	180,385	10	19.4	32
Zero years / no Social Science courses reported	266	1	19.1	32	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	18,001	47	21.0	37	781,043	42	22.1	46
Bio, Chem, Phys	2,022	5	23.8	57	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	10,789	28	20.1	28	505,460	27	20.0	28
Other comb of 3 years of Natural Science	1,183	3	17.9	13	52,236	3	19.2	24
Less than 3 years of Natural Science	5,719	15	18.2	15	220,701	12	18.1	17
Zero years / no Natural Science courses reported	271	1	18.3	19	86,928	5	17.7	17

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

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

Total Students in Report: 37,985

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	662	2	19.2	66	3	17.2	553	2	19.6
Architecture	433	1	21.4	19	1	16.0	401	1	21.7
Area, Ethnic, & Multidisciplinary Studies	29	0	21.6	0	0	.	28	0	21.6
Arts: Visual & Performing	2,106	6	20.5	123	5	16.8	1,868	6	20.8
Business	2,809	7	19.7	229	10	16.2	2,455	7	20.1
Communications	630	2	20.5	18	1	15.2	589	2	20.7
Community, Family, & Personal Services	848	2	18.2	107	5	16.3	691	2	18.5
Computer Science & Mathematics	927	2	22.0	54	2	17.4	824	2	22.2
Education	2,233	6	20.0	69	3	16.3	2,079	6	20.2
Engineering	3,202	8	22.6	139	6	16.0	2,941	9	23.0
Engineering Technology & Drafting	654	2	19.4	90	4	15.9	541	2	20.0
English & Foreign Languages	330	1	23.9	6	0	17.2	304	1	24.1
Health Administration & Assisting	2,378	6	17.7	235	10	16.5	2,024	6	17.9
Health Sciences & Technologies	8,246	22	20.7	420	18	17.0	7,588	23	20.9
Philosophy, Religion, & Theology	162	0	21.2	7	0	17.1	151	0	21.4
Repair, Production, & Construction	414	1	16.9	220	9	16.4	166	0	17.5
Sciences: Biological & Physical	1,995	5	22.6	37	2	16.3	1,891	6	22.8
Social Sciences & Law	2,584	7	20.8	66	3	16.7	2,427	7	21.0
Undecided	7,085	19	20.9	425	18	16.7	6,009	18	21.4
No Response	254	1	17.4	20	1	16.1	49	0	18.8

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: 37,985

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	629	16.4	204	14.4	8	16.9	340	17.6	29	16.0
2-yr College Degree	1,722	16.6	507	14.8	13	17.2	1,036	17.5	85	16.0
Bachelors Degree	20,425	19.7	5,736	16.7	144	19.1	12,689	21.0	693	18.8
Graduate Study	4,805	23.3	825	18.7	36	22.0	3,445	24.4	141	22.8
Prof. Level Degree	8,352	22.8	2,413	18.9	57	22.3	4,757	24.5	327	22.2
Other	672	17.2	243	14.9	3	17.7	334	18.8	44	16.9
No Response	1,380	20.1	277	16.4	4	23.3	788	21.7	42	18.0

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	629	16.4	15	18.4	1	17.0	19	16.7	13	16.2
2-yr College Degree	1,722	16.6	6	18.3	1	18.0	47	17.6	27	17.3
Bachelors Degree	20,425	19.7	203	21.1	13	23.5	575	20.0	372	20.5
Graduate Study	4,805	23.3	72	25.1	1	20.0	136	23.1	149	23.1
Prof. Level Degree	8,352	22.8	248	27.0	10	27.2	294	22.7	246	24.0
Other	672	17.2	11	21.1	0	.	18	17.7	19	17.2
No Response	1,380	20.1	33	23.5	0	.	31	19.9	205	19.0

Total Students in Report: 37,985

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	9,393	3,661	5,732	1	6	22	31	23	15	2
AUBURN UNIVERSITY	Alabama	8,405	3,669	4,736	1	4	18	28	27	19	3
UNIVERSITY OF ALABAMA IN BIRMINGHAM	Alabama	6,240	1,750	4,490	1	9	27	31	20	11	1
UNIVERSITY OF SOUTH ALABAMA	Alabama	5,184	1,646	3,538	1	9	30	32	20	8	0
TROY UNIVERSITY-TROY	Alabama	4,984	1,363	3,621	1	11	32	31	18	7	0
JACKSONVILLE STATE UNIVERSITY	Alabama	3,344	1,080	2,264	2	13	32	31	16	6	0
UNIVERSITY OF NORTH ALABAMA	Alabama	2,774	782	1,992	1	9	31	32	20	7	0
UNIVERSITY OF ALABAMA IN HUNTSVILLE	Alabama	2,260	527	1,733	1	8	21	28	25	16	2
ALABAMA STATE UNIVERSITY	Alabama	2,045	748	1,297	6	35	40	14	4	1	0
AUBURN UNIVERSITY MONTGOMERY	Alabama	1,679	482	1,197	2	18	34	27	14	5	0
SAMFORD UNIVERSITY	Alabama	1,565	277	1,288	1	4	17	27	29	20	2
MISSISSIPPI STATE UNIVERSITY	Mississippi	1,539	257	1,282	0	5	19	24	25	23	3
UNIVERSITY OF MONTEVALLO	Alabama	1,412	438	974	1	6	28	33	22	9	0
ALABAMA A & M UNIVERSITY	Alabama	1,315	459	856	6	33	42	15	4	0	0
WALLACE STATE COMMUNITY COLLEGE	Alabama	1,180	449	731	2	16	40	32	9	2	0
UNIVERSITY OF WEST ALABAMA	Alabama	1,107	308	799	3	19	39	28	9	1	0
CALHOUN COMMUNITY COLLEGE	Alabama	1,059	429	630	2	13	35	30	16	4	0
JEFFERSON STATE COMMUNITY COLLEGE	Alabama	1,045	295	750	3	18	38	29	9	3	0
SHELTON STATE COMMUNITY COLLEGE	Alabama	978	336	642	4	21	36	29	8	2	0
UNIVERSITY OF MISSISSIPPI	Mississippi	870	118	752	0	1	11	29	32	25	2
NCAA ELIGIBILITY CENTER	Indiana	850	448	402	2	16	36	26	13	6	1
TUSKEGEE UNIVERSITY	Alabama	776	158	618	2	20	41	27	7	2	0
GADSDEN STATE COMMUNITY COLLEGE	Alabama	749	243	506	3	18	42	27	9	1	0
FAULKNER STATE COMMUNITY COLLEGE	Alabama	739	282	457	4	17	42	27	9	1	0
UNIVERSITY OF MOBILE	Alabama	703	149	554	1	10	29	32	20	8	0
BIRMINGHAM-SOUTHERN COLLEGE	Alabama	697	117	580	1	7	21	27	23	18	3
SOUTHERN UNION STATE COMMUNITY COLLEGE	Alabama	656	199	457	2	16	38	29	13	2	0
VANDERBILT UNIVERSITY	Tennessee	643	114	529	0	1	5	14	21	42	16
SNEAD STATE COMMUNITY COLLEGE	Alabama	593	230	363	1	15	38	33	9	4	0
UNIVERSITY OF GEORGIA	Georgia	565	64	501	1	8	19	25	21	21	5
All Other Institutions		21,647	5,272	16,375	2	14	27	24	17	13	3
Total		86,996	26,350	60,646	2	11	27	28	19	12	2

Section V

Optional Writing Test Results

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

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

Total Students in Report: 37,985

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	11,545	976,031	21.3	21.3	6.5	7.1	20.1	20.6
Black/African American	3,248	114,263	17.2	16.4	6.0	6.3	16.6	16.3
American Indian/Alaska Native	66	6,408	21.2	16.8	6.6	6.2	20.0	16.5
White	6,796	520,054	23.1	23.1	6.6	7.3	21.5	22.1
Hispanic/Latino	428	167,575	19.2	18.5	6.5	6.9	18.5	18.4
Asian	247	61,663	26.4	23.7	7.4	7.7	24.6	22.9
Native Hawaiian/Other Pac. Isl.	6	3,742	25.2	17.7	7.3	6.6	23.5	17.6
Two or more races	385	39,565	21.7	21.4	6.5	7.1	20.4	20.7
Prefer not/No Response	369	62,761	23.3	21.6	6.8	7.1	21.8	20.9
Males	5,279	438,500	21.6	21.1	6.2	6.9	20.0	20.2
Females	6,266	530,240	21.1	21.6	6.7	7.3	20.1	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

