

ACT Profile Report - State

Graduating Class 2013
Florida



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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

19% 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: 124,131 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. 75% 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, 4% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% of these students were college ready. In comparison, 41% 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. 13% of these students were college ready. In comparison, 29% 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 57% 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.

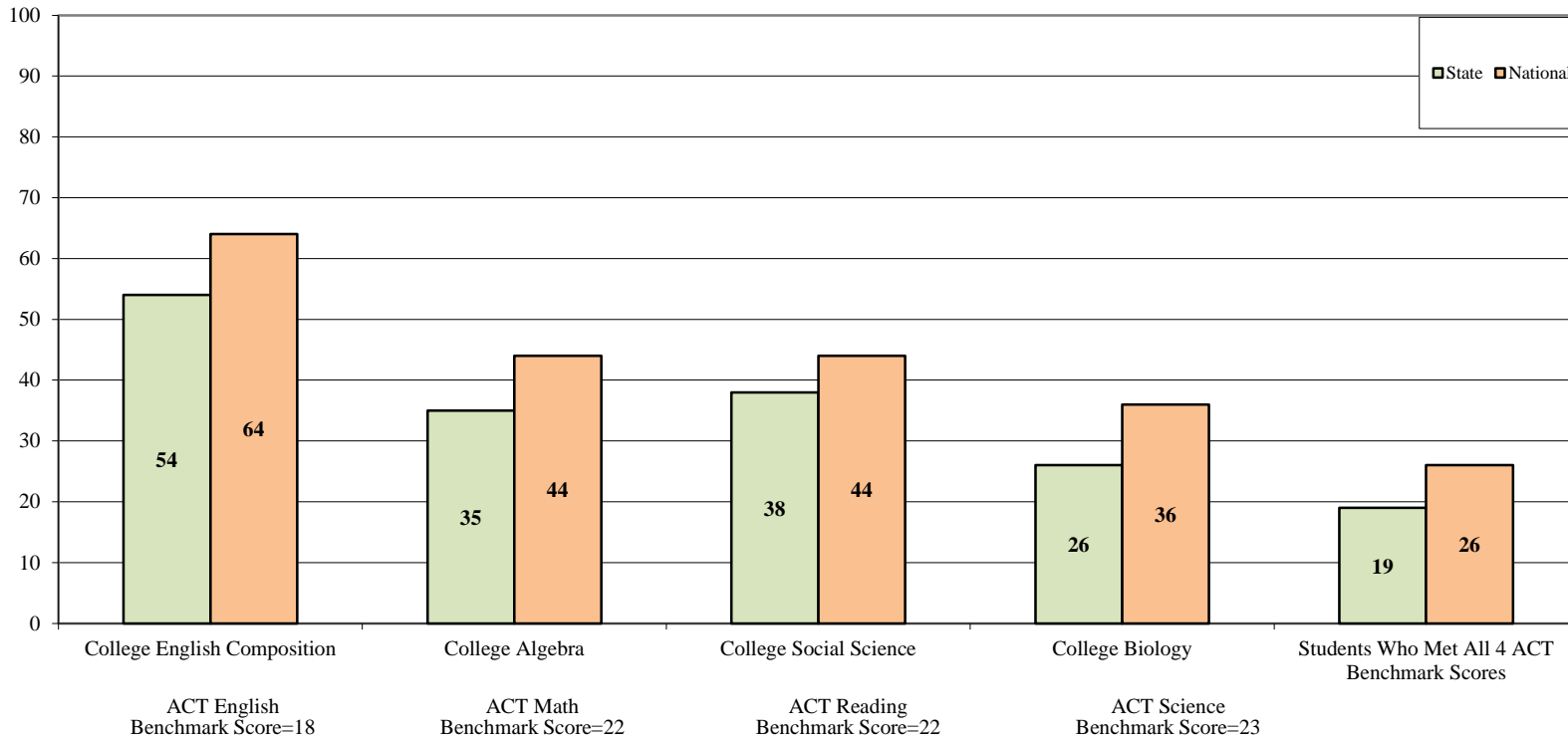
Section I

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: 124,131

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	105,297	1,480,469	55	67	33	42	43	53	19	28	15	23
2010	113,480	1,568,835	54	66	34	43	43	52	20	29	16	24
2011	117,575	1,623,112	55	66	36	45	44	52	20	30	17	25
2012	118,420	1,666,017	57	67	37	46	46	52	22	31	18	25
2013	124,131	1,799,243	54	64	35	44	38	44	26	36	19	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	105,297	1,480,469	18.7	20.6	19.7	21.0	20.2	21.4	19.0	20.9	19.5	21.1
2010	113,480	1,568,835	18.6	20.5	19.7	21.0	20.1	21.3	19.1	20.9	19.5	21.0
2011	117,575	1,623,112	18.8	20.6	19.9	21.1	20.2	21.3	19.1	20.9	19.6	21.1
2012	118,420	1,666,017	18.9	20.5	20.0	21.1	20.5	21.3	19.3	20.9	19.8	21.1
2013	124,131	1,799,243	18.7	20.2	19.7	20.9	20.4	21.1	19.1	20.7	19.6	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: 124,131

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	73,283	28,004	70	27	20.0	16.1	20.8	17.5	21.2	18.0	20.0	16.9	20.6	17.3
2010	80,142	29,076	71	26	19.8	15.9	20.7	17.6	21.1	18.0	20.1	17.1	20.5	17.3
2011	86,061	27,568	73	23	19.8	16.2	20.6	17.8	21.0	18.2	19.9	17.0	20.5	17.4
2012	89,238	25,971	75	22	19.8	16.4	20.7	17.9	21.2	18.5	20.0	17.2	20.6	17.6
2013	93,634	26,814	75	22	19.6	16.3	20.4	17.8	21.1	18.5	19.8	17.0	20.3	17.5

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.

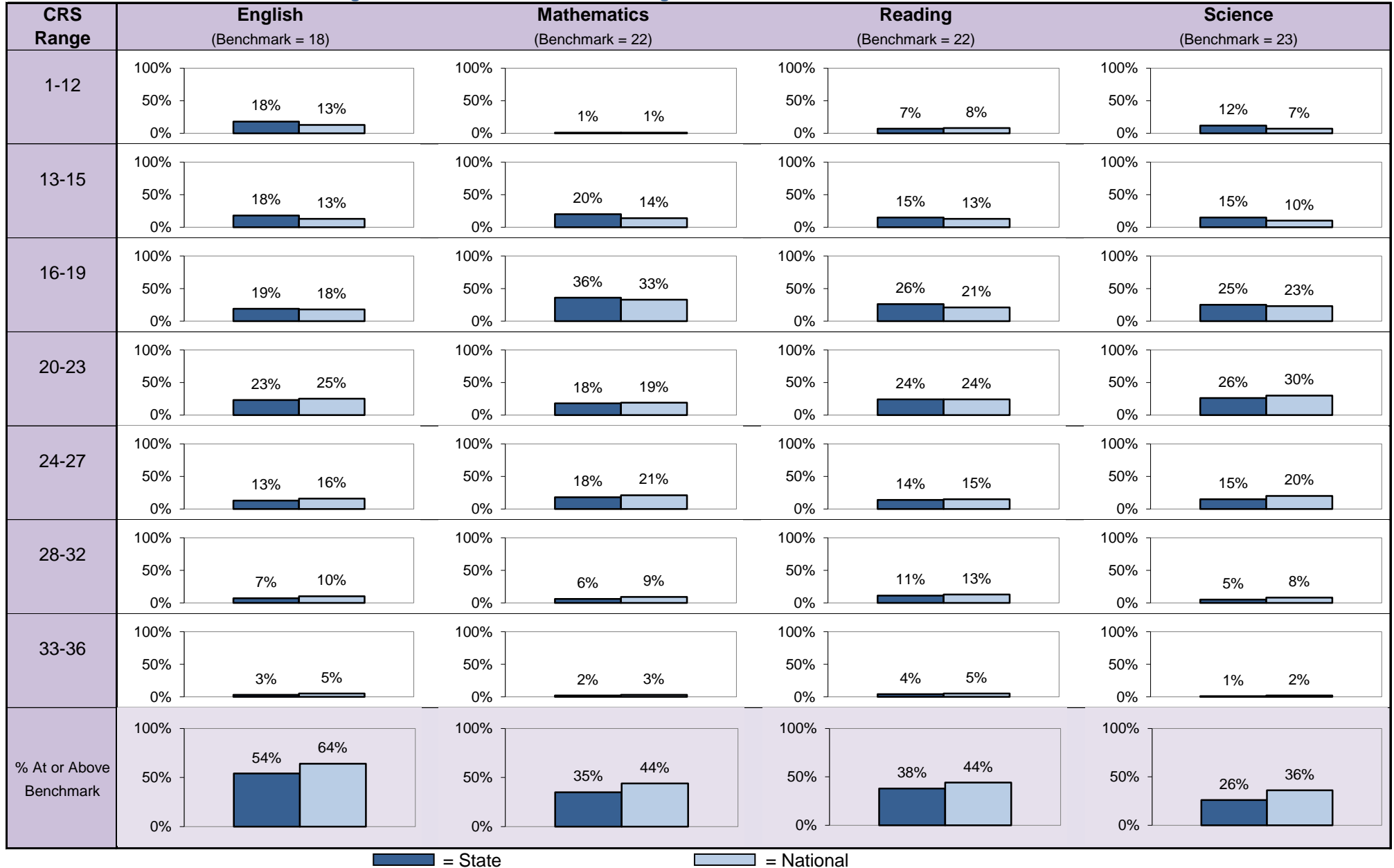
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	105,297	100	19.5	113,480	100	19.5	117,575	100	19.6	118,420	100	19.8	124,131	100	19.6
Black/African American	24,268	23	16.2	26,781	24	16.2	27,829	24	16.4	26,355	22	16.5	27,024	22	16.4
American Indian/Alaska Native	326	0	20.3	425	0	19.5	399	0	19.4	339	0	19.0	327	0	18.5
White	45,839	44	21.6	48,006	42	21.7	47,844	41	21.8	48,441	41	21.9	49,084	40	21.7
Hispanic/Latino	22,238	21	18.5	24,296	21	18.5	29,627	25	18.7	31,000	26	19.0	33,860	27	18.9
Asian	3,343	3	22.0	3,556	3	22.0	3,485	3	22.2	3,504	3	22.2	3,582	3	22.1
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	178	0	17.8	281	0	18.8	282	0	18.4
Two or more races	3,145	3	20.0	3,931	3	20.1	2,906	2	20.7	3,329	3	20.8	3,807	3	20.6
Prefer not to respond/No response	6,138	6	19.3	6,485	6	18.9	5,307	5	19.5	5,171	4	19.8	6,165	5	19.3

Total Students in Report: 124,131

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



Total Students in Report: 124,131

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	120,831	97	18.8	19.8	20.4	19.1	19.7
	Extended Time	3,300	3	16.4	18.0	19.6	17.3	18.0
	Total	124,131	100	18.7	19.7	20.4	19.1	19.6
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	55	35	38	27	19
	Extended Time	40	21	34	18	13
	Total	54	35	38	26	19
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: 124,131

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	199	100	220	100	780	100	274	100	42	100	36
35	752	100	398	100	445	99	410	100	191	100	35
34	1,115	99	734	100	1,556	99	426	99	425	100	34
33	1,433	98	577	99	1,881	98	350	99	644	99	33
32	1,183	97	793	98	2,197	96	718	99	901	99	32
31	1,424	96	780	98	2,894	94	905	98	1,252	98	31
30	1,669	95	1,255	97	2,489	92	1,240	98	1,734	97	30
29	1,711	94	1,673	96	2,616	90	1,384	97	2,457	96	29
28	2,545	92	2,808	95	2,906	88	1,769	95	3,107	94	28
27	2,483	90	3,888	93	3,134	86	2,529	94	3,154	91	27
26	3,685	88	5,342	89	3,430	83	3,199	92	4,047	89	26
25	4,411	85	6,009	85	3,716	80	6,002	89	4,868	86	25
24	5,448	82	6,644	80	6,731	77	7,315	85	5,805	82	24
23	5,778	77	6,359	75	5,474	72	6,341	79	6,696	77	23
22	6,317	73	5,677	70	6,617	68	7,387	74	7,610	72	22
21	7,496	68	5,156	65	8,715	62	9,922	68	7,215	65	21
20	8,483	62	4,864	61	8,923	55	8,315	60	7,579	60	20
19	5,770	55	6,790	57	7,875	48	8,578	53	7,925	53	19
18	5,439	50	7,624	52	9,743	42	9,132	46	8,494	47	18
17	5,332	46	13,078	46	6,480	34	6,693	39	8,989	40	17
16	7,041	41	17,414	35	7,882	29	6,666	33	9,604	33	16
15	9,201	36	14,753	21	6,553	22	6,685	28	9,625	25	15
14	6,769	28	7,297	9	6,071	17	6,239	22	8,914	18	14
13	6,394	23	2,609	3	6,141	12	6,170	17	7,005	10	13
12	5,150	18	917	1	4,479	7	5,184	12	3,937	5	12
11	5,582	14	270	1	2,446	4	4,243	8	1,388	2	11
10	4,776	9	102	1	1,060	2	3,143	5	345	1	10
9	3,363	5	31	1	412	1	1,569	2	115	1	9
8	1,987	3	17	1	221	1	838	1	38	1	8
7	760	1	12	1	141	1	242	1	15	1	7
6	281	1	11	1	47	1	101	1	7	1	6
5	93	1	2	1	40	1	72	1	2	1	5
4	42	1	15	1	17	1	28	1	1	1	4
3	12	1	1	1	7	1	21	1	0	1	3
2	5	1	0	1	9	1	13	1	0	1	2
1	2	1	11	1	3	1	28	1	0	1	1
Avg (SD)	18.7 (6.3)		19.7 (5.0)		20.4 (6.0)		19.1 (5.4)		19.6 (5.2)		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: 124,131

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	2,578	100	1,158	100	2,309	100	3,474	100	3,244	100	501	100	632	100	18
17	4,118	98	772	99	4,569	98	4,737	97	3,944	97	962	100	146	99	17
16	3,696	95	3,999	98	4,909	94	6,057	93	4,257	94	1,594	99	2,550	99	16
15	3,754	92	5,385	95	5,114	91	6,731	89	6,210	91	4,540	98	4,015	97	15
14	4,961	89	6,566	91	6,419	86	7,398	83	6,497	86	7,176	94	6,571	94	14
13	5,379	85	8,144	86	8,853	81	7,766	77	9,654	81	11,016	88	7,473	89	13
12	7,233	80	11,877	79	11,622	74	9,020	71	9,850	73	11,220	79	13,845	83	12
11	11,105	74	11,092	69	12,459	65	11,388	64	10,253	65	12,901	70	10,846	72	11
10	12,349	66	11,137	61	13,268	55	11,370	54	10,883	57	20,194	60	14,922	63	10
9	12,162	56	14,868	52	14,642	44	10,854	45	8,719	48	14,927	44	20,131	51	9
8	10,681	46	13,782	40	13,518	32	12,931	37	13,386	41	17,247	31	16,441	35	8
7	11,341	37	11,268	28	12,207	21	10,612	26	17,362	30	9,808	18	11,382	21	7
6	10,245	28	8,309	19	7,164	11	8,785	18	10,162	16	4,389	10	7,274	12	6
5	9,511	20	8,186	13	3,915	6	8,159	10	5,847	8	4,189	6	2,339	6	5
4	7,778	12	5,099	6	1,671	3	3,161	4	2,375	3	902	3	3,556	4	4
3	4,876	6	1,972	2	854	1	1,295	1	1,168	1	1,816	2	456	2	3
2	2,128	2	464	1	472	1	357	1	269	1	73	1	1,024	1	2
1	236	1	53	1	166	1	36	1	51	1	676	1	528	1	1
Avg (SD)	9.2 (3.9)		9.6 (3.4)		10.4 (3.4)		10.3 (3.8)		10.1 (3.6)		10.0 (2.9)		9.7 (3.0)		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	24	24	23	23
Q2 (50th Percentile)	18	18	20	19	19
Q1 (25th Percentile)	14	16	16	15	15

Total Students in Report: 124,131

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	124,131	75	20.3	17.5
	Black/African American	27,024	72	16.9	15.4
	American Indian/Alaska Native	327	72	19.2	16.9
	White	49,084	78	22.4	19.3
	Hispanic/Latino	33,860	76	19.5	16.8
	Asian	3,582	80	22.6	20.3
	Native Hawaiian/Other Pac. Isl.	282	72	19.0	17.1
	Two or more races	3,807	78	21.2	18.4
	Prefer not/No Response	6,165	66	20.3	17.7
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	18.7	19.7	20.4	19.1	19.6
	Black/African American	15.0	16.9	17.4	15.9	16.4
	American Indian/Alaska Native	17.4	18.7	19.5	18.0	18.5
	White	21.2	21.4	22.5	21.1	21.7
	Hispanic/Latino	17.8	19.2	19.6	18.4	18.9
	Asian	21.0	23.4	22.0	21.6	22.1
	Native Hawaiian/Other Pac. Isl.	17.3	18.8	19.2	17.9	18.4
	Two or more races	19.9	20.3	21.5	20.0	20.6
	Prefer not/No Response	18.4	19.5	20.2	18.8	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: 124,131

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	3,499	3	1,929	2	4,662	4	1,460	1
	28 to 32	8,532	7	7,309	6	13,102	11	6,016	5
	24 to 27	16,027	13	21,883	18	17,011	14	19,045	15
	20 to 23	28,074	23	22,056	18	29,729	24	31,965	26
	16 to 19	23,582	19	44,906	36	31,980	26	31,069	25
	13 to 15	22,364	18	24,659	20	18,765	15	19,094	15
	01 to 12	22,053	18	1,389	1	8,882	7	15,482	12
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	54,979	44	18.3	20.2	20.1	19.4	19.6
	Females	68,872	55	19.1	19.4	20.7	18.8	19.6
	Missing	280	0	15.3	17.5	17.8	16.9	17.0
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	38	36	30	21
	Females	57	32	39	24	17
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 124,131

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	93,634	60	19.6	40	20.4	42	21.1	30	19.8	22	20.3
	Less than Core	26,814	36	16.3	19	17.8	24	18.5	14	17.0	9	17.5
	Missing ³	3,683	31	15.4	17	17.5	21	17.7	13	16.7	8	16.9
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	117,591	55	18.9	115,566	37	20.0	113,213	39	20.6	101,849	29	19.6
	Less than Core	3,371	32	15.4	5,322	4	15.7	7,614	23	18.3	18,779	13	16.9
	Missing ³	3,169	33	15.7	3,243	18	17.7	3,304	22	17.8	3,503	13	16.8
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.

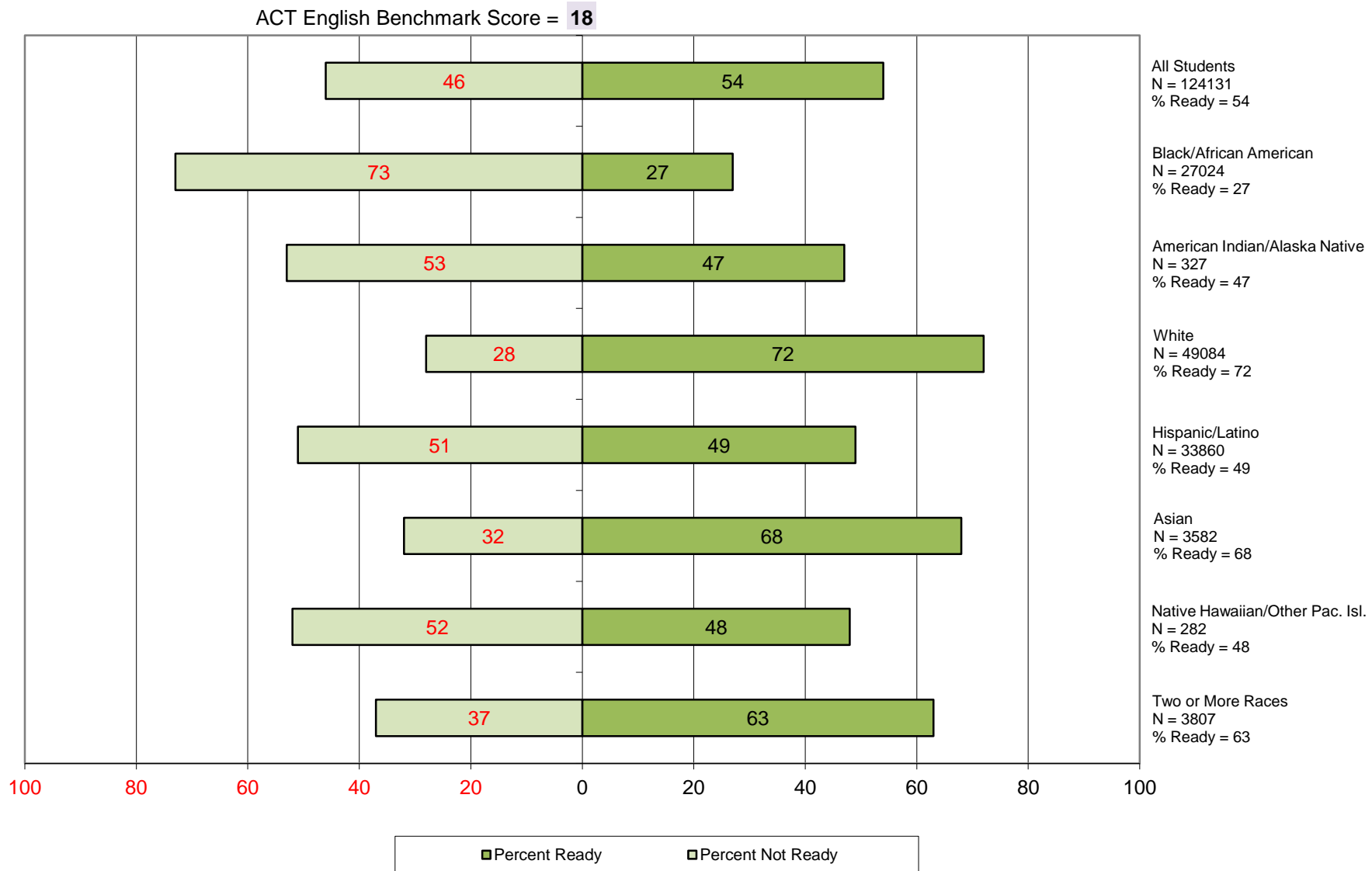
Section III

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



Total Students in Report: 124,131

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

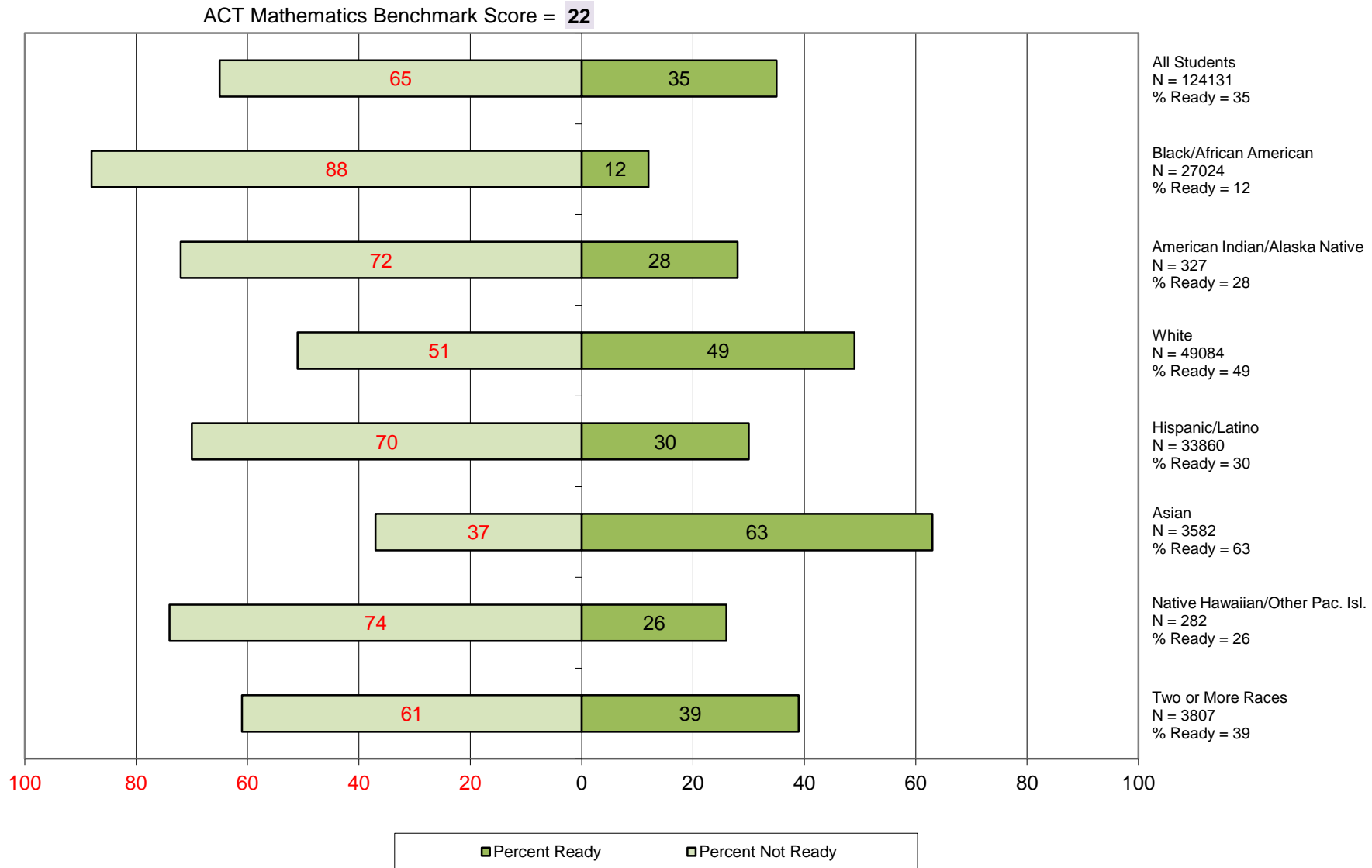
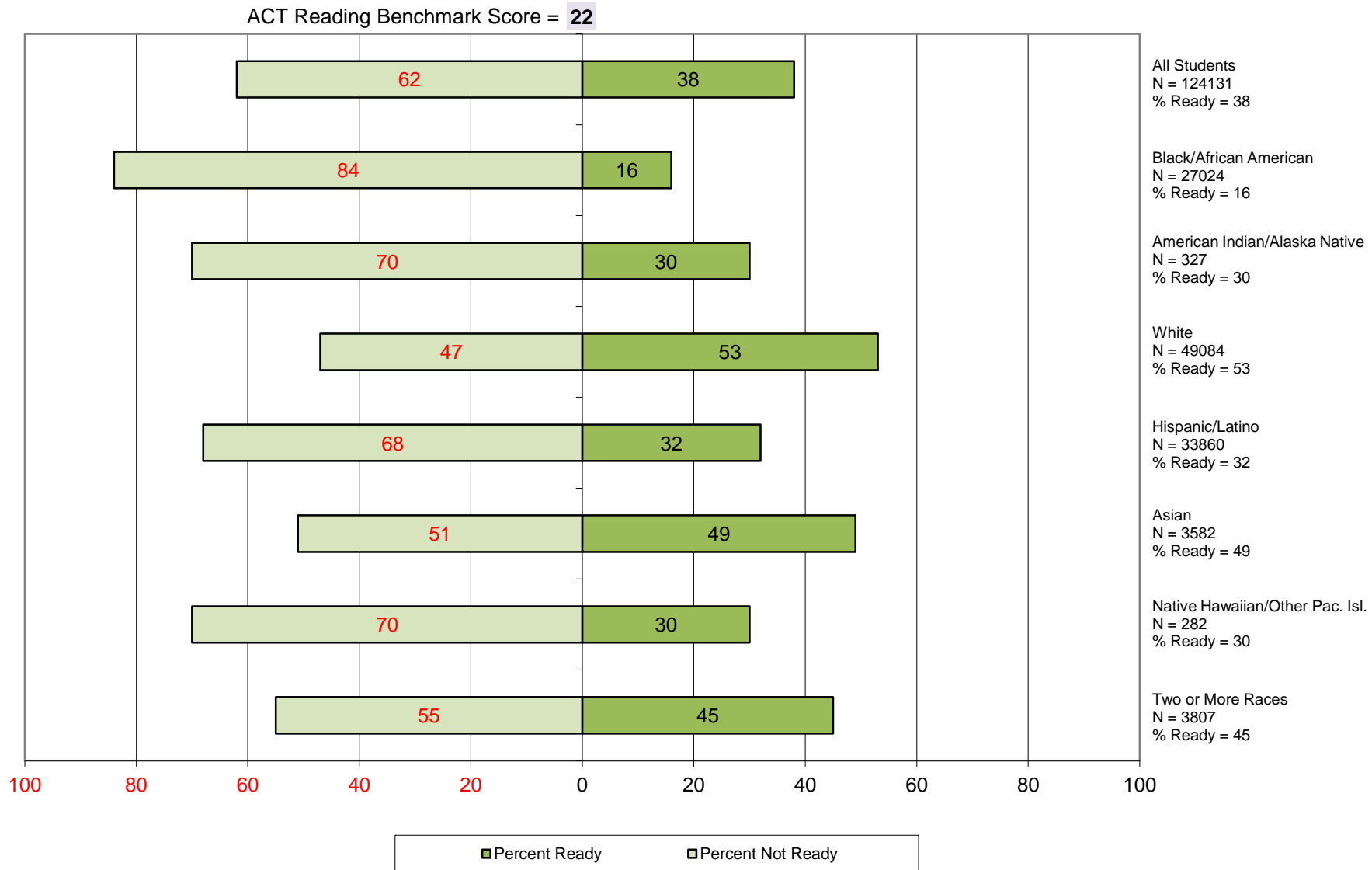
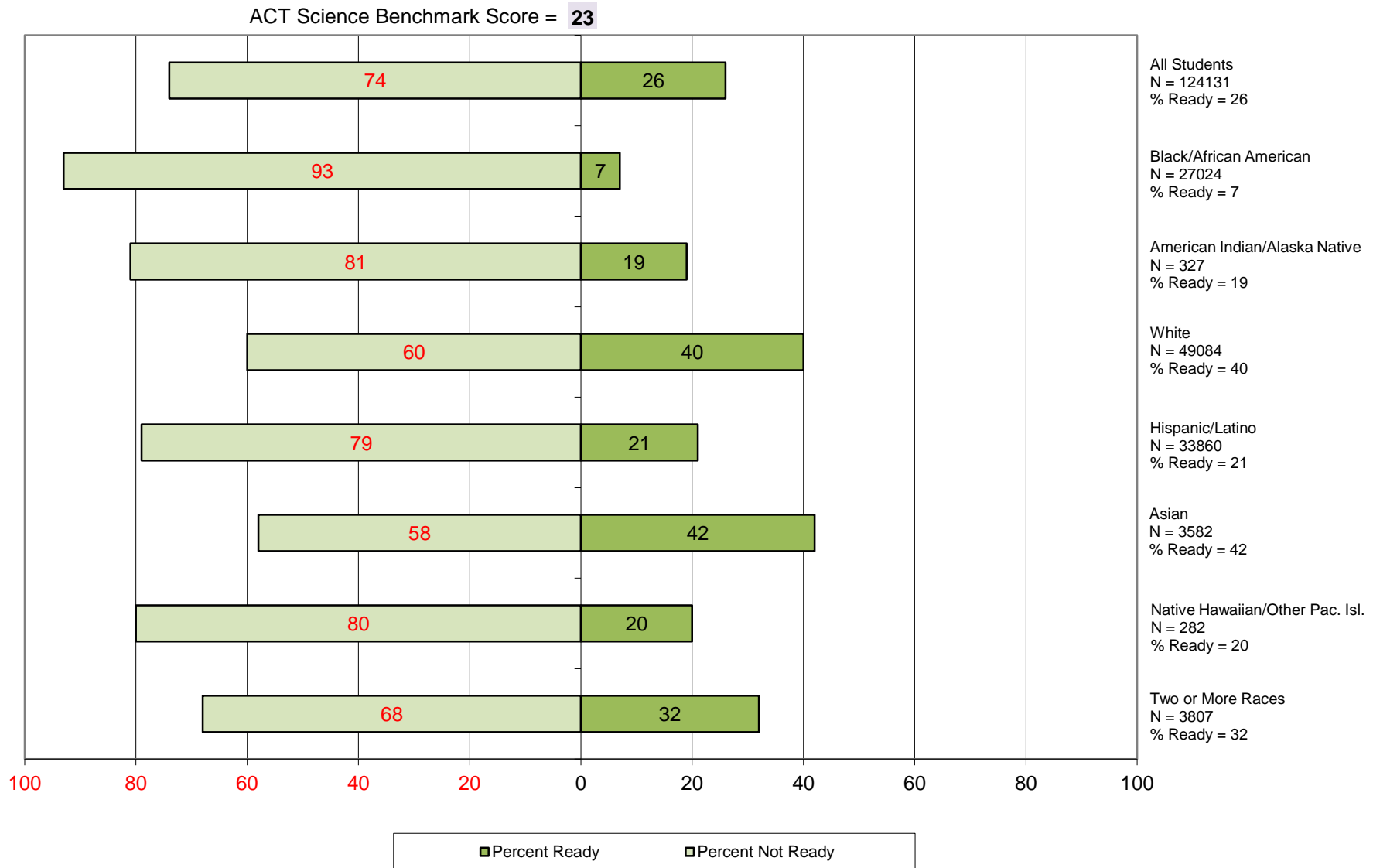


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



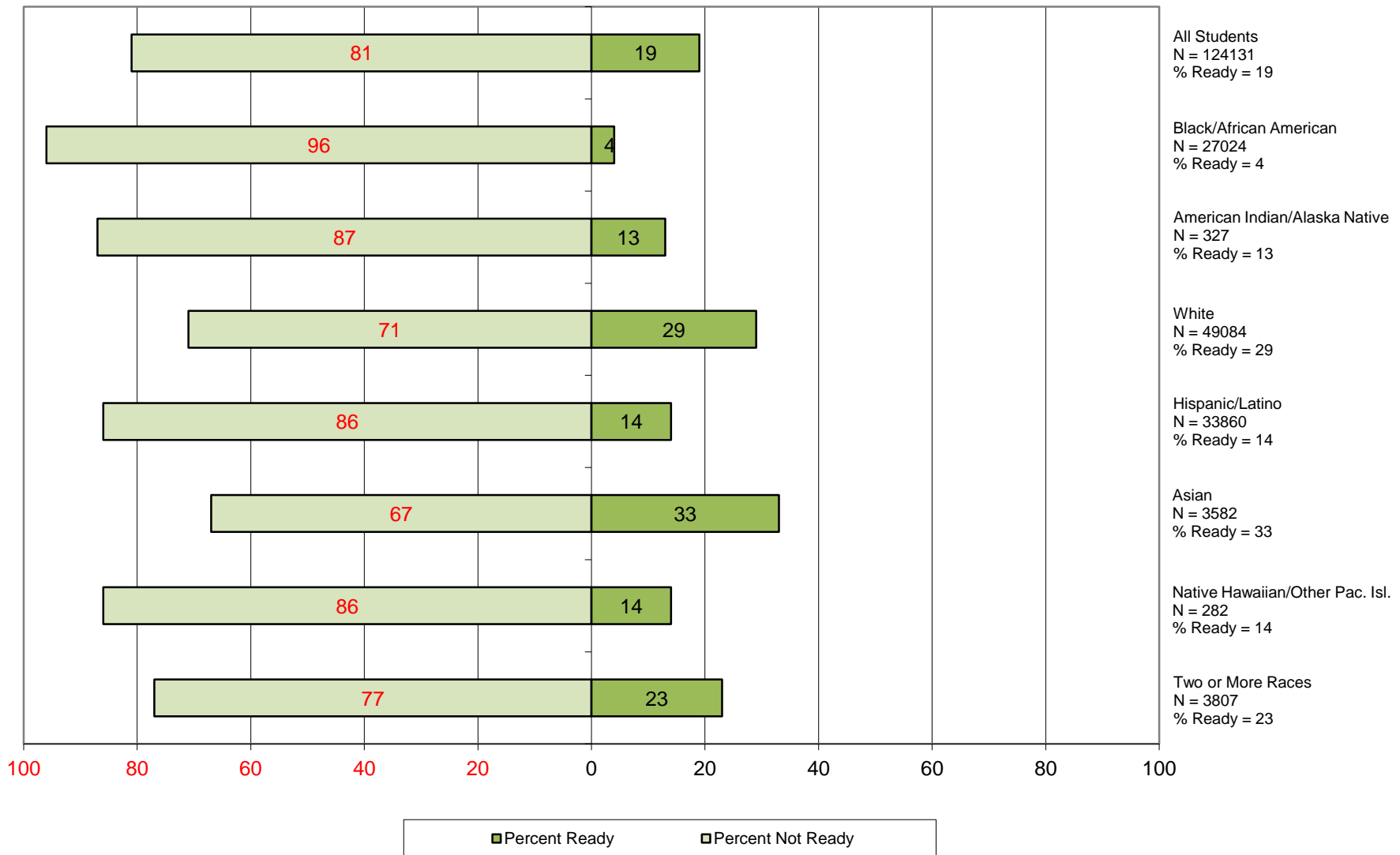
Total Students in Report: 124,131

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



Total Students in Report: 124,131

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



Total Students in Report: 124,131

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	27,619	22	19.2	3.8	11,706	21	18.5	3.6	15,903	23	19.6	3.7
Eng 9, Eng 10, Eng 11, Eng 12	89,972	72	18.8	3.4	39,965	73	18.5	3.6	49,861	72	19.1	3.2
Less than 4 years of English	3,371	3	15.4	-	1,649	3	14.9	-	1,682	2	15.9	-
Zero years / no English courses reported	3,169	3	15.7	-	1,659	3	15.3	-	1,426	2	16.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	4,780	4	21.9	6.2	2,141	4	22.7	6.9	2,632	4	21.2	5.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	8,017	6	21.5	5.8	3,084	6	21.8	6.0	4,927	7	21.3	5.6
Alg 1, Alg 2, Geom, & Trig	5,272	4	18.7	3.0	2,326	4	19.1	3.3	2,941	4	18.4	2.7
Alg 1, Alg 2, Geom, & Other Adv Math	33,306	27	19.0	3.3	13,032	24	19.2	3.4	20,225	29	18.9	3.2
Other comb of 4 or more years of Math	42,971	35	21.8	6.1	20,602	37	22.4	6.6	22,335	32	21.3	5.6
Alg 1, Alg 2, & Geom	15,294	12	16.5	0.8	6,881	13	16.6	0.8	8,362	12	16.4	0.7
Other comb of 3 or 3.5 years of Math	5,926	5	18.8	3.1	2,705	5	19.2	3.4	3,205	5	18.5	2.8
Less than 3 years of Math	5,322	4	15.7	-	2,512	5	15.8	-	2,789	4	15.7	-
Zero years / no Math courses reported	3,243	3	17.7	-	1,696	3	17.9	-	1,456	2	17.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	933	1	20.5	2.2	532	1	20.2	2.2	400	1	20.8	2.2
Other comb of 4 or more years Social Science	80,363	65	21.2	2.9	33,518	61	21.0	3.0	46,761	68	21.3	2.7
US Hist, World Hist, & Am Gov	1,760	1	17.8	-0.5	933	2	17.6	-0.4	814	1	18.1	-0.5
Other comb of 3 or 3.5 years of Social Science	30,157	24	19.4	1.1	14,425	26	19.2	1.2	15,678	23	19.6	1.0
Less than 3 years of Social Science	7,614	6	18.3	-	3,843	7	18.0	-	3,732	5	18.6	-
Zero years / no Social Science courses reported	3,304	3	17.8	-	1,728	3	17.7	-	1,487	2	18.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	52,141	42	19.9	3.0	24,795	45	20.6	3.9	27,271	40	19.3	2.3
Bio, Chem, Phys	8,050	6	22.1	5.2	3,689	7	23.0	6.3	4,338	6	21.4	4.4
Gen Sci ² , Bio, Chem	37,967	31	18.8	1.9	14,921	27	18.7	2.0	22,997	33	18.9	1.9
Other comb of 3 years of Natural Science	3,691	3	16.6	-0.3	1,770	3	17.1	0.4	1,916	3	16.2	-0.8
Less than 3 years of Natural Science	18,779	15	16.9	-	7,980	15	16.7	-	10,761	16	17.0	-
Zero years / no Natural Science courses reported	3,503	3	16.8	-	1,824	3	17.1	-	1,589	2	16.5	-

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: 124,131

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	27,619	22	19.2	57	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	89,972	72	18.8	55	1,265,911	70	20.3	65
Less than 4 years of English	3,371	3	15.4	32	84,048	5	15.9	36
Zero years / no English courses reported	3,169	3	15.7	33	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	4,780	4	21.9	53	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	8,017	6	21.5	53	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	5,272	4	18.7	26	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	33,306	27	19.0	27	336,291	19	19.6	32
Other comb of 4 or more years of Math	42,971	35	21.8	52	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	15,294	12	16.5	8	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	5,926	5	18.8	27	88,866	5	19.7	34
Less than 3 years of Math	5,322	4	15.7	4	77,906	4	16.3	7
Zero years / no Math courses reported	3,243	3	17.7	18	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	933	1	20.5	39	50,989	3	22.2	51
Other comb of 4 or more years Social Science	80,363	65	21.2	43	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	1,760	1	17.8	20	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	30,157	24	19.4	30	489,586	27	21.0	43
Less than 3 years of Social Science	7,614	6	18.3	23	171,617	10	19.1	32
Zero years / no Social Science courses reported	3,304	3	17.8	22	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	52,141	42	19.9	33	767,293	43	21.9	46
Bio, Chem, Phys	8,050	6	22.1	48	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	37,967	31	18.8	23	504,165	28	19.9	28
Other comb of 3 years of Natural Science	3,691	3	16.6	12	51,822	3	19.1	25
Less than 3 years of Natural Science	18,779	15	16.9	13	218,267	12	18.0	17
Zero years / no Natural Science courses reported	3,503	3	16.8	13	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: 124,131

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	1,244	1	18.5	162	2	15.3	898	1	19.4
Architecture	1,394	1	19.3	57	1	15.4	1,125	1	19.9
Area, Ethnic, & Multidisciplinary Studies	129	0	20.2	12	0	15.3	99	0	21.7
Arts: Visual & Performing	7,890	6	19.1	596	8	15.5	6,266	6	19.8
Business	13,647	11	19.2	1,104	15	15.3	10,808	11	19.8
Communications	3,023	2	20.5	113	2	15.6	2,576	3	20.8
Community, Family, & Personal Services	2,693	2	17.2	343	5	15.6	1,988	2	17.7
Computer Science & Mathematics	2,861	2	21.0	177	2	16.4	2,378	2	21.5
Education	4,321	3	19.0	221	3	14.9	3,537	4	19.6
Engineering	8,064	6	22.1	346	5	15.2	6,810	7	22.8
Engineering Technology & Drafting	1,864	2	18.3	185	3	14.9	1,415	1	19.0
English & Foreign Languages	1,112	1	22.1	26	0	17.1	970	1	22.5
Health Administration & Assisting	7,186	6	16.8	692	10	15.0	5,506	6	17.2
Health Sciences & Technologies	23,113	19	20.0	887	12	16.1	20,232	21	20.4
Philosophy, Religion, & Theology	511	0	20.1	19	0	16.3	435	0	20.4
Repair, Production, & Construction	833	1	15.7	291	4	15.3	349	0	16.6
Sciences: Biological & Physical	7,130	6	22.3	123	2	16.2	6,416	7	22.5
Social Sciences & Law	11,203	9	20.2	335	5	15.8	9,758	10	20.5
Undecided	22,090	18	19.2	1,446	20	15.4	14,810	15	20.3
No Response	3,799	3	17.2	98	1	15.0	368	0	17.8

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: 124,131

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	2,312	15.2	752	14.2	3	13.0	761	16.2	607	14.9
2-yr College Degree	4,924	15.6	1,346	14.4	16	15.9	1,775	16.8	1,429	15.2
Bachelors Degree	51,101	18.8	12,147	16.1	136	17.9	21,739	20.7	12,467	18.0
Graduate Study	16,457	22.5	2,207	18.3	43	20.9	8,407	24.0	4,045	21.6
Prof. Level Degree	29,203	21.8	5,915	18.3	72	20.8	10,310	24.0	9,067	21.0
Other	3,514	16.0	986	14.3	10	16.8	1,035	17.5	1,109	15.6
No Response	16,620	18.2	3,671	15.3	47	16.4	5,057	20.8	5,136	17.2

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	2,312	15.2	46	17.0	9	14.6	51	16.4	83	14.9
2-yr College Degree	4,924	15.6	60	16.0	13	15.7	117	16.2	168	14.8
Bachelors Degree	51,101	18.8	1,032	19.9	107	17.9	1,629	19.5	1,844	18.3
Graduate Study	16,457	22.5	478	23.7	34	20.7	538	22.6	705	22.5
Prof. Level Degree	29,203	21.8	1,377	24.3	75	20.4	1,022	22.5	1,365	22.0
Other	3,514	16.0	76	17.7	4	14.8	90	17.5	204	16.6
No Response	16,620	18.2	513	21.1	40	16.3	360	19.9	1,796	18.1

Total Students in Report: 124,131

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 CENTRAL FLORIDA	Florida	20,671	5,847	14,824	1	7	23	34	24	10	1
FLORIDA STATE UNIVERSITY	Florida	18,357	6,702	11,655	1	7	19	32	27	13	1
UNIVERSITY OF FLORIDA	Florida	16,212	6,047	10,165	1	5	15	28	30	19	2
UNIVERSITY OF SOUTH FLORIDA	Florida	15,015	3,709	11,306	1	8	24	34	23	9	1
FLORIDA ATLANTIC UNIVERSITY	Florida	7,662	2,127	5,535	1	12	35	34	14	3	0
FLORIDA INTERNATIONAL UNIVERSITY	Florida	7,471	2,598	4,873	2	16	37	30	11	3	0
FLORIDA GULF COAST UNIVERSITY	Florida	5,419	1,663	3,756	1	9	34	37	15	3	0
UNIVERSITY OF NORTH FLORIDA	Florida	5,220	1,231	3,989	1	8	25	37	22	7	0
UNIVERSITY OF MIAMI	Florida	5,110	1,204	3,906	2	13	24	26	21	14	2
FLORIDA A&M UNIVERSITY	Florida	3,375	1,189	2,186	5	30	43	18	4	1	0
UNIVERSITY OF WEST FLORIDA THE	Florida	3,175	855	2,320	1	7	27	39	19	7	0
MIAMI DADE COLLEGE	Florida	3,048	1,394	1,654	7	31	38	18	5	1	0
VALENCIA COLLEGE	Florida	2,604	1,179	1,425	5	27	36	23	7	1	0
BETHUNE-COOKMAN UNIVERSITY	Florida	1,855	712	1,143	7	40	41	10	1	0	0
NCAA ELIGIBILITY CENTER	Indiana	1,825	1,130	695	3	18	31	27	15	5	0
UNIVERSITY OF TAMPA	Florida	1,608	297	1,311	2	14	30	31	17	5	0
SANTA FE COLLEGE	Florida	1,448	606	842	3	19	37	27	12	2	0
NOVA SOUTHEASTERN UNIVERSITY	Florida	1,333	310	1,023	2	14	35	30	14	6	0
FLORIDA STATE COLL AT JACKSONVILLE	Florida	1,245	618	627	6	26	37	22	7	2	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	1,239	1,239	0	6	21	31	25	11	5	2
PALM BEACH COMMUNITY COLLEGE	Florida	1,226	712	514	9	36	35	15	4	1	0
HILLSBOROUGH COMMUNITY COLLEGE	Florida	1,214	558	656	6	29	36	20	7	2	0
BROWARD COLLEGE	Florida	1,150	549	601	6	32	38	18	4	1	0
TALLAHASSEE COMMUNITY COLLEGE	Florida	1,140	364	776	4	23	36	26	9	1	0
FLAGLER COLLEGE	Florida	1,136	349	787	1	8	24	35	23	9	0
STETSON UNIVERSITY	Florida	1,130	229	901	1	5	16	35	28	15	1
UNIVERSITY OF ALABAMA	Alabama	973	239	734	1	6	22	32	25	13	1
EDISON STATE COLLEGE	Florida	957	518	439	5	24	42	22	5	1	0
JACKSONVILLE UNIVERSITY	Florida	912	174	738	3	18	34	29	13	3	0
FLORIDA SOUTHERN COLLEGE	Florida	874	262	612	2	9	27	35	19	9	0
All Other Institutions		54,790	16,915	37,875	3	14	26	24	18	13	2
Total		189,394	61,526	127,868	2	12	26	29	19	10	1

Section V

Optional Writing Test Results

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

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

Total Students in Report: 124,131

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

	N		Average ACT Scores					
	State	National	English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	76,126	942,769	20.7	21.3	7.1	7.0	20.2	20.5
Black/African American	12,968	114,751	16.7	16.3	6.5	6.1	16.7	16.0
American Indian/Alaska Native	184	6,031	19.2	16.8	6.6	6.1	18.7	16.4
White	32,865	518,407	22.7	22.9	7.3	7.2	21.8	21.9
Hispanic/Latino	20,953	151,504	19.8	18.6	7.1	6.8	19.5	18.3
Asian	2,680	54,580	22.5	23.5	7.5	7.6	21.9	22.7
Native Hawaiian/Other Pac. Isl.	163	2,812	18.7	19.5	7.0	6.9	18.7	19.2
Two or more races	2,522	35,355	21.3	21.5	7.2	7.0	20.7	20.6
Prefer not/No Response	3,791	59,329	20.5	21.8	7.0	7.1	20.0	20.9
Males	33,192	423,104	20.3	21.0	6.8	6.7	19.7	20.1
Females	42,678	513,945	21.0	21.6	7.3	7.2	20.6	20.9
Missing	256	5,720	15.6	16.6	6.4	6.3	15.8	16.5

