



# Profile Report - State

Graduating Class 2015

Mississippi





## Table of Contents

<b>Section I: Executive Summary</b>	<b>Page 5</b>
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Who Met College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT College Reportable Scores by Test Session Duration	
Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration	
<b>Section II: Academic Achievement</b>	<b>Page 11</b>
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Who Met College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
<b>Section III: College Readiness &amp; Impact of Course Rigor</b>	<b>Page 17</b>
Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
<b>Section IV: Career and Educational Aspirations</b>	<b>Page 25</b>
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
<b>Section V: Optional Writing Test Results</b>	<b>Page 29</b>
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

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

This report focuses on:

**Performance** - student test performance in the context of college readiness

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

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

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

**Awareness** - extent to which student aspirations match performance

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

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

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

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

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

**The ACT:**

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

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

## How to Improve Scores and Increase College Readiness

13% 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:** 29,345 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. 71% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 4% of the cohort took less than three years of math courses. Of these students, 2% were college ready. 21% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 4% of these students were college ready. In comparison, 28% 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 23% of the cohort took less than three years of natural science courses. 11% of these students were college ready. In comparison, 24% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES:** Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 71% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://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](mailto:customerservices@act.org).

# Section I

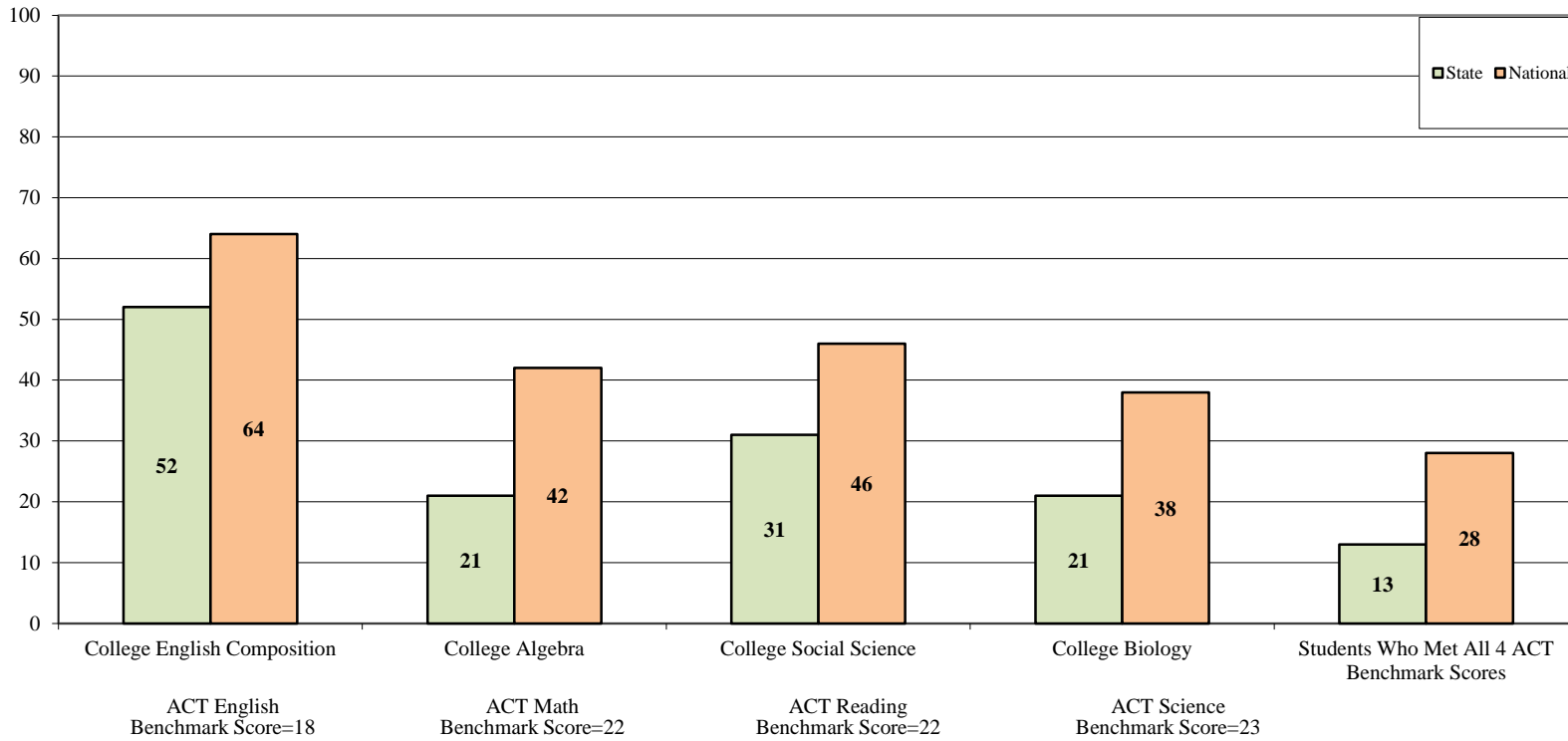
## Executive Summary

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: 29,345

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2011	28,167	1,623,112	52	66	20	45	33	52	13	30	10	25
2012	28,288	1,666,017	53	67	21	46	34	52	14	31	11	25
2013	27,749	1,799,243	54	64	21	44	29	44	20	36	12	26
2014	28,481	1,845,787	53	64	21	43	31	44	21	37	12	26
<b>2015</b>	<b>29,345</b>	<b>1,924,436</b>	<b>52</b>	<b>64</b>	<b>21</b>	<b>42</b>	<b>31</b>	<b>46</b>	<b>21</b>	<b>38</b>	<b>13</b>	<b>28</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2011	28,167	1,623,112	18.6	20.6	18.2	21.1	18.8	21.3	18.7	20.9	18.7	21.1
2012	28,288	1,666,017	18.6	20.5	18.3	21.1	18.9	21.3	18.7	20.9	18.7	21.1
2013	27,749	1,799,243	18.8	20.2	18.3	20.9	19.1	21.1	18.8	20.7	18.9	20.9
2014	28,481	1,845,787	18.8	20.3	18.3	20.9	19.4	21.3	18.9	20.8	19.0	21.0
<b>2015</b>	<b>29,345</b>	<b>1,924,436</b>	<b>18.7</b>	<b>20.4</b>	<b>18.3</b>	<b>20.8</b>	<b>19.3</b>	<b>21.4</b>	<b>19.0</b>	<b>20.9</b>	<b>19.0</b>	<b>21.0</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	1,799,243	20.2	20.9	21.1	20.7	20.9
2014	1,845,787	20.3	20.9	21.3	20.8	21.0
<b>2015</b>	<b>1,924,436</b>	<b>20.4</b>	<b>20.8</b>	<b>21.4</b>	<b>20.9</b>	<b>21.0</b>

Total Students in Report: 29,345

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2011	18,390	9,226	65	33	19.8	16.4	19.0	16.8	19.7	17.2	19.5	17.2	19.6	17.0
2012	21,238	6,794	75	24	19.4	16.2	18.8	16.8	19.5	17.1	19.2	17.1	19.4	16.9
2013	20,963	6,370	76	23	19.6	16.6	18.8	16.8	19.7	17.4	19.3	17.4	19.5	17.2
2014	20,825	7,227	73	25	19.7	16.6	18.9	16.8	20.1	17.7	19.5	17.3	19.6	17.2
<b>2015</b>	<b>20,719</b>	<b>7,764</b>	<b>71</b>	<b>26</b>	<b>19.6</b>	<b>16.6</b>	<b>18.9</b>	<b>17.0</b>	<b>20.0</b>	<b>17.6</b>	<b>19.7</b>	<b>17.7</b>	<b>19.7</b>	<b>17.4</b>

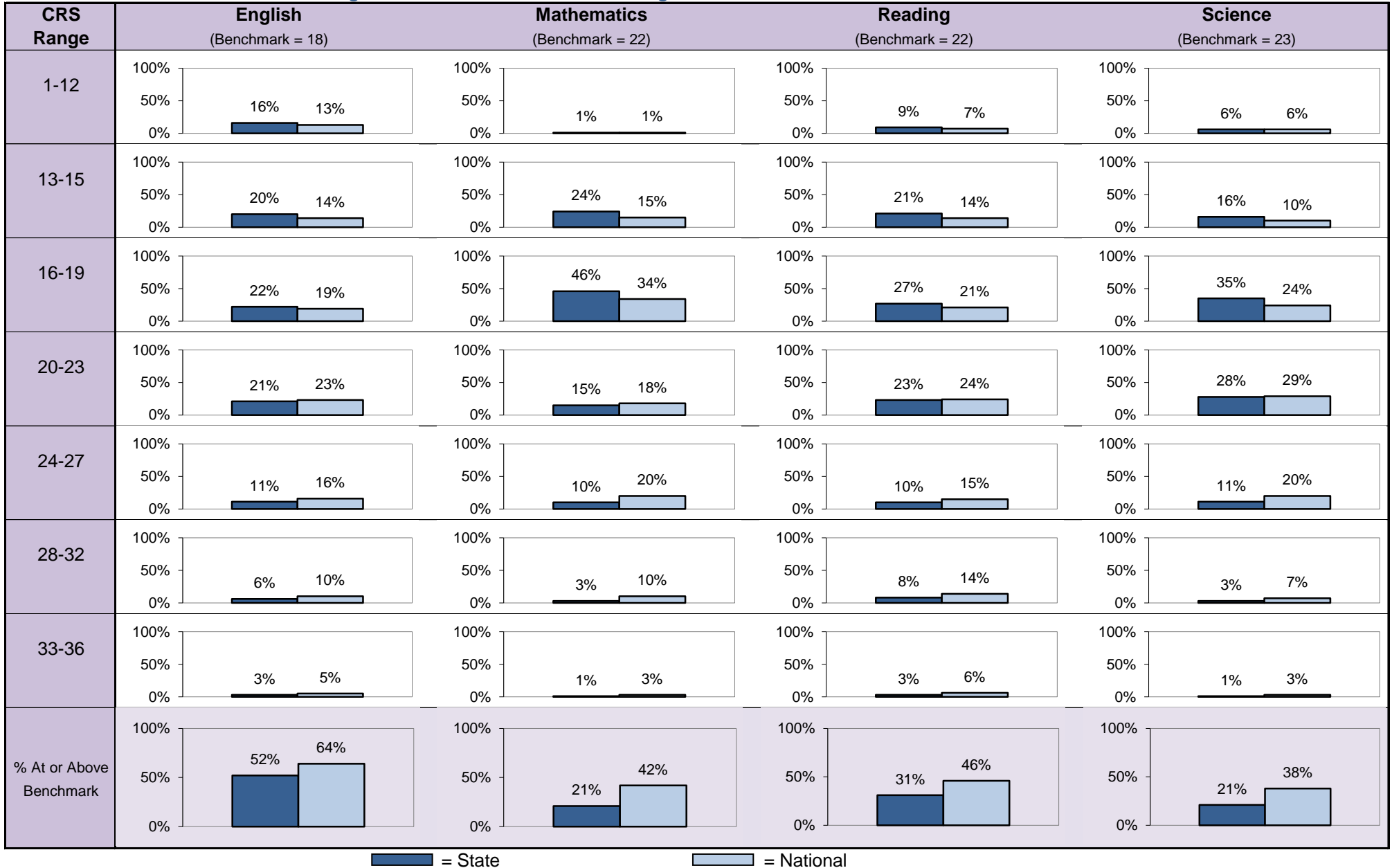
<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

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

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>28,167</b>	<b>100</b>	<b>18.7</b>	<b>28,288</b>	<b>100</b>	<b>18.7</b>	<b>27,749</b>	<b>100</b>	<b>18.9</b>	<b>28,481</b>	<b>100</b>	<b>19.0</b>	<b>29,345</b>	<b>100</b>	<b>19.0</b>
Black/African American	11,617	41	16.3	11,549	41	16.3	11,183	40	16.5	11,355	40	16.5	11,658	40	16.6
American Indian/Alaska Native	133	0	17.4	132	0	17.0	124	0	17.5	134	0	17.2	160	1	17.6
White	14,168	50	20.5	14,143	50	20.6	13,834	50	20.7	14,149	50	20.8	14,091	48	20.8
Hispanic/Latino	567	2	19.0	680	2	19.0	664	2	19.1	829	3	19.1	863	3	18.8
Asian	317	1	22.1	304	1	22.2	309	1	22.8	309	1	22.8	338	1	22.7
Native Hawaiian/Other Pacific Islander	15	0	20.8	17	0	18.6	17	0	19.1	16	0	18.6	20	0	16.4
Two or more races	405	1	19.3	562	2	19.2	595	2	19.8	633	2	20.0	744	3	19.8
Prefer not to respond/No response	945	3	19.0	901	3	19.3	1,023	4	19.3	1,056	4	19.2	1,471	5	19.2

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



Total Students in Report: 29,345

**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	28,635	98	18.8	18.4	19.3	19.1	19.0
	Extended Time	710	2	15.9	17.0	17.9	17.2	17.2
	Total	29,345	100	18.7	18.3	19.3	19.0	19.0
National	Standard Time	1,838,433	96	20.6	21.0	21.5	21.1	21.2
	Extended Time	86,003	4	16.5	18.1	18.8	18.3	18.1
	Total	1,924,436	100	20.4	20.8	21.4	20.9	21.0

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

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	53	21	31	21	13
	Extended Time	31	14	25	15	11
	Total	52	21	31	21	13
National	Standard Time	65	43	47	39	28
	Extended Time	38	22	32	23	16
	Total	64	42	46	38	28

# Section II

## Academic Achievement

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

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

Total Students in Report: 29,345

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	65	100	19	100	112	100	66	100	13	100	36
35	292	100	34	100	95	100	55	100	43	100	35
34	336	99	64	100	272	99	97	100	61	100	34
33	333	98	50	100	311	98	125	99	111	100	33
32	271	97	77	99	353	97	148	99	167	99	32
31	338	96	78	99	462	96	102	98	238	99	31
30	343	94	109	99	472	95	142	98	318	98	30
29	418	93	207	99	396	93	201	97	422	97	29
28	468	92	415	98	555	92	231	97	415	95	28
27	620	90	515	96	575	90	350	96	560	94	27
26	702	88	724	95	666	88	712	95	683	92	26
25	995	86	698	92	760	85	954	92	890	90	25
24	947	82	1,069	90	1,056	83	1,183	89	1,022	87	24
23	1,351	79	1,101	86	1,397	79	1,684	85	1,168	83	23
22	1,323	75	1,069	82	1,568	75	1,812	79	1,487	79	22
21	1,588	70	962	79	1,682	69	2,231	73	1,840	74	21
20	1,885	65	1,218	75	1,964	63	2,557	66	1,988	68	20
19	1,403	58	1,818	71	1,924	57	2,697	57	2,233	61	19
18	1,609	53	2,297	65	2,354	50	2,893	48	2,660	53	18
17	1,572	48	4,040	57	1,883	42	1,930	38	2,663	44	17
16	1,926	43	5,475	44	1,807	36	2,829	31	2,889	35	16
15	2,674	36	4,190	25	2,429	30	1,935	22	2,723	25	15
14	1,911	27	2,100	11	1,678	21	1,415	15	2,359	16	14
13	1,390	20	708	3	2,022	16	1,359	10	1,524	8	13
12	1,277	16	207	1	1,435	9	775	6	625	3	12
11	1,384	11	66	1	527	4	444	3	182	1	11
10	940	7	17	1	374	2	232	1	38	1	10
9	584	3	3	1	84	1	118	1	17	1	9
8	223	1	6	1	66	1	41	1	3	1	8
7	106	1	1	1	40	1	17	1	1	1	7
6	45	1	5	1	17	1	3	1	1	1	6
5	18	1	0	1	0	1	3	1	1	1	5
4	4	1	3	1	8	1	0	1	0	1	4
3	2	1	0	1	1	1	2	1	0	1	3
2	1	1	0	1	0	1	1	1	0	1	2
1	1	1	0	1	0	1	1	1	0	1	1
Avg (SD)	18.7 (6.2)		18.3 (4.1)		19.3 (5.7)		19.0 (4.6)		19.0 (4.7)		Avg (SD)

<sup>1</sup>CP 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: 29,345

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), 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	670	100	300	100	399	100	586	100	237	100	55	100	61	100	18
17	1,054	98	344	99	791	99	750	98	343	99	54	100	12	100	17
16	828	94	955	98	810	96	1,125	95	616	98	161	100	254	100	16
15	901	91	1,228	95	1,139	93	1,400	92	696	96	574	99	585	99	15
14	1,119	88	1,264	90	1,220	89	1,451	87	992	94	1,070	97	939	97	14
13	1,044	84	1,530	86	1,696	85	1,413	82	1,467	90	1,520	93	1,338	94	13
12	1,625	81	2,135	81	2,399	79	2,090	77	2,077	85	1,883	88	1,891	89	12
11	2,657	75	2,430	74	2,325	71	1,997	70	2,122	78	2,945	82	2,381	83	11
10	3,043	66	3,000	65	3,979	63	2,636	63	2,549	71	5,311	72	4,251	75	10
9	2,649	56	3,683	55	3,086	50	2,990	54	3,013	62	5,123	54	5,663	60	9
8	3,038	47	4,064	43	4,495	39	2,475	44	3,833	52	5,011	36	4,775	41	8
7	3,007	37	2,650	29	3,256	24	2,790	36	6,281	39	3,019	19	2,506	25	7
6	2,960	26	2,296	20	1,957	13	3,578	26	3,023	17	822	9	2,086	16	6
5	2,321	16	1,948	12	1,113	6	2,302	14	1,361	7	1,022	6	1,425	9	5
4	1,507	8	1,091	5	397	2	1,262	6	483	3	257	3	343	4	4
3	668	3	351	1	96	1	377	2	172	1	394	2	590	3	3
2	227	1	67	1	150	1	109	1	75	1	8	1	36	1	2
1	27	1	9	1	37	1	14	1	5	1	116	1	209	1	1
Avg (SD)	9.3 (3.8)		9.5 (3.3)		9.9 (3.2)		9.5 (3.8)		9.1 (3.1)		9.4 (2.5)		9.1 (2.7)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	23	20	23	22	22
Q2 (50th Percentile)	18	17	18	19	18
Q1 (25th Percentile)	14	16	15	16	15

Total Students in Report: 29,345

**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 <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>29,345</b>	<b>71</b>	<b>19.7</b>	<b>17.4</b>
	Black/African American	11,658	70	17.0	15.7
	American Indian/Alaska Native	160	64	18.5	16.4
	White	14,091	72	21.7	18.7
	Hispanic/Latino	863	70	19.5	17.0
	Asian	338	81	23.2	20.4
	Native Hawaiian/Other Pac. Isl.	20	45	17.7	15.5
	Two or more races	744	73	20.3	18.4
	Prefer not/No Response	1,471	57	20.4	18.0
National	<b>All Students</b>	<b>1,924,436</b>	<b>72</b>	<b>21.9</b>	<b>18.9</b>
	Black/African American	252,566	67	17.8	15.9
	American Indian/Alaska Native	14,711	61	19.0	16.5
	White	1,057,803	76	23.2	20.2
	Hispanic/Latino	299,920	71	19.6	17.4
	Asian	87,499	79	24.5	22.0
	Native Hawaiian/Other Pac. Isl.	6,090	62	20.3	16.5
	Two or more races	76,066	73	22.0	19.3
	Prefer not/No Response	129,781	54	22.6	18.5

<sup>1</sup>"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	<b>All Students</b>	18.7	18.3	19.3	19.0	19.0
	Black/African American	15.6	16.5	16.7	17.0	16.6
	American Indian/Alaska Native	16.5	17.4	18.1	18.0	17.6
	White	21.2	19.7	21.4	20.6	20.8
	Hispanic/Latino	18.3	18.3	19.1	19.0	18.8
	Asian	22.5	23.2	22.1	22.5	22.7
	Native Hawaiian/Other Pac. Isl.	16.0	16.2	16.9	16.3	16.4
	Two or more races	19.7	18.8	20.3	19.8	19.8
	Prefer not/No Response	19.0	18.5	19.6	19.2	19.2
National	<b>All Students</b>	20.4	20.8	21.4	20.9	21.0
	Black/African American	15.9	17.2	17.4	17.3	17.1
	American Indian/Alaska Native	16.6	18.1	18.4	18.2	17.9
	White	22.1	21.9	22.9	22.2	22.4
	Hispanic/Latino	17.8	19.1	19.2	19.0	18.9
	Asian	23.0	25.0	23.3	23.6	23.9
	Native Hawaiian/Other Pac. Isl.	17.7	19.2	18.9	18.8	18.8
	Two or more races	20.7	20.8	21.8	21.1	21.2
	Prefer not/No Response	19.9	20.5	21.1	20.5	20.6



Total Students in Report: 29,345

**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	1,026	3	167	1	790	3	343	1
	28 to 32	1,838	6	886	3	2,238	8	824	3
	24 to 27	3,264	11	3,006	10	3,057	10	3,199	11
	20 to 23	6,147	21	4,350	15	6,611	23	8,284	28
	16 to 19	6,510	22	13,630	46	7,968	27	10,349	35
	13 to 15	5,975	20	6,998	24	6,129	21	4,709	16
	01 to 12	4,585	16	308	1	2,552	9	1,637	6
National	33 to 36	100,774	5	54,201	3	114,663	6	62,731	3
	28 to 32	198,676	10	185,515	10	261,565	14	140,666	7
	24 to 27	303,299	16	384,130	20	281,364	15	388,063	20
	20 to 23	444,997	23	352,854	18	463,232	24	559,967	29
	16 to 19	357,690	19	646,399	34	409,189	21	462,353	24
	13 to 15	277,710	14	283,831	15	264,288	14	200,383	10
	01 to 12	241,290	13	17,506	1	130,135	7	110,273	6

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	13,391	46	18.2	18.6	19.0	19.3	18.9
	Females	15,648	53	19.2	18.1	19.6	18.8	19.1
	Missing	306	1	18.2	17.9	18.6	18.8	18.5
National	Males	895,775	47	20.0	21.3	21.2	21.3	21.1
	Females	1,013,212	53	20.8	20.4	21.6	20.6	21.0
	Missing	15,449	1	15.7	17.7	17.6	17.5	17.3

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	48	23	30	23	14
	Females	55	19	32	18	11
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 29,345

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	20,719	58	19.6	26	18.9	36	20.0	25	19.7	16	19.7
	Less than Core	7,764	37	16.6	11	17.0	19	17.6	11	17.7	5	17.4
	Missing <sup>3</sup>	862	33	15.7	12	16.7	19	17.3	12	17.0	6	16.8
National	Core or More	1,389,338	71	21.4	49	21.7	52	22.3	44	21.8	33	21.9
	Less than Core	424,562	48	18.0	27	18.9	32	19.3	24	19.0	16	18.9
	Missing	110,536	38	16.3	19	17.8	25	18.0	19	17.8	11	17.6

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> 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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	27,729	53	18.9	27,367	22	18.5	27,277	32	19.5	21,888	24	19.5
	Less than Core	843	32	15.5	1,186	2	15.6	1,282	12	16.3	6,647	11	17.7
	Missing <sup>3</sup>	773	34	15.9	792	12	16.8	786	19	17.5	810	13	17.1
National	Core or More	1,732,463	67	20.8	1,743,121	45	21.2	1,627,689	49	21.8	1,592,830	42	21.5
	Less than Core	93,944	36	15.9	78,951	8	16.3	194,720	34	19.5	227,926	18	18.1
	Missing	98,029	40	16.5	102,364	20	17.8	102,027	26	18.1	103,680	20	18.0

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

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

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

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

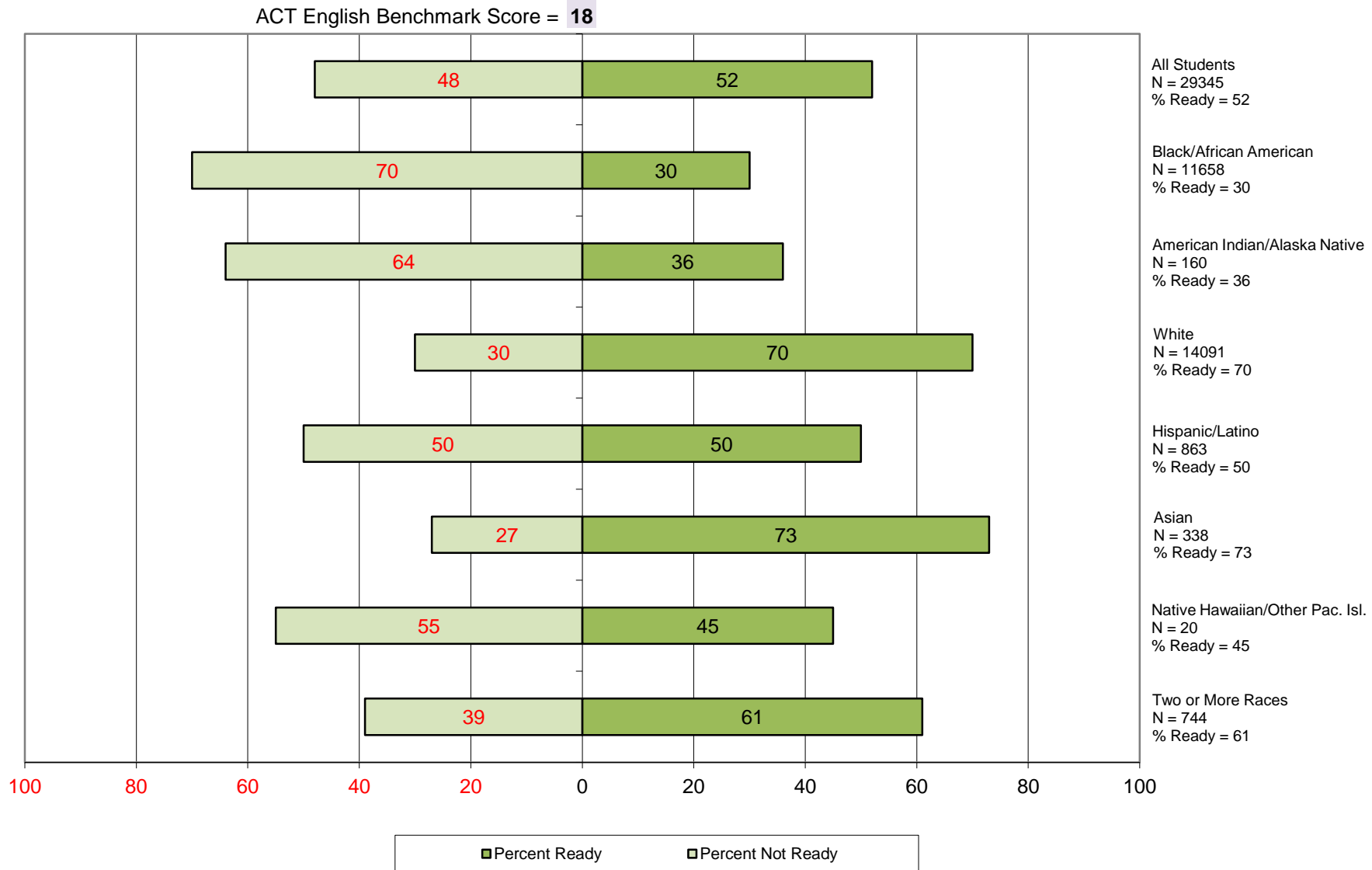


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

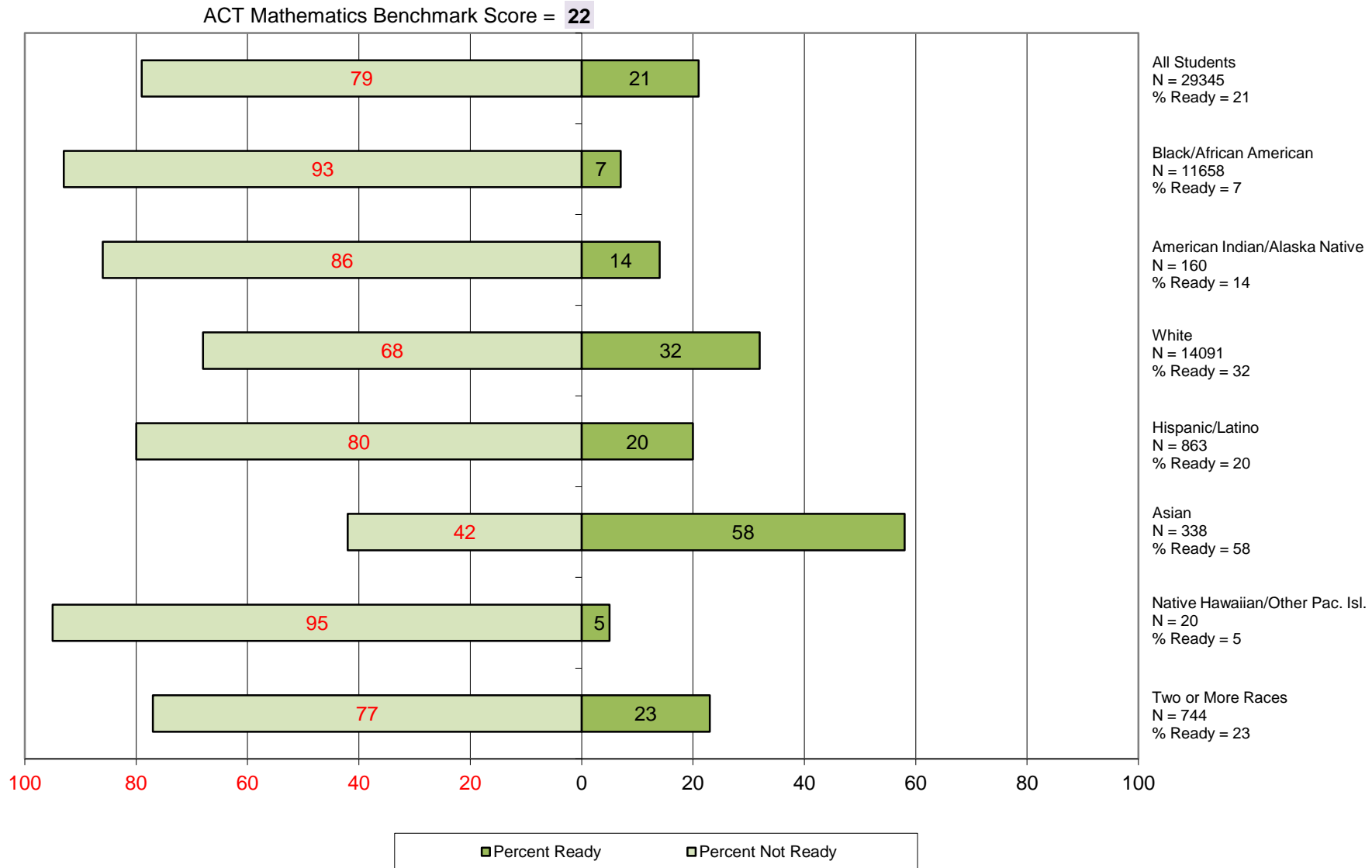


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

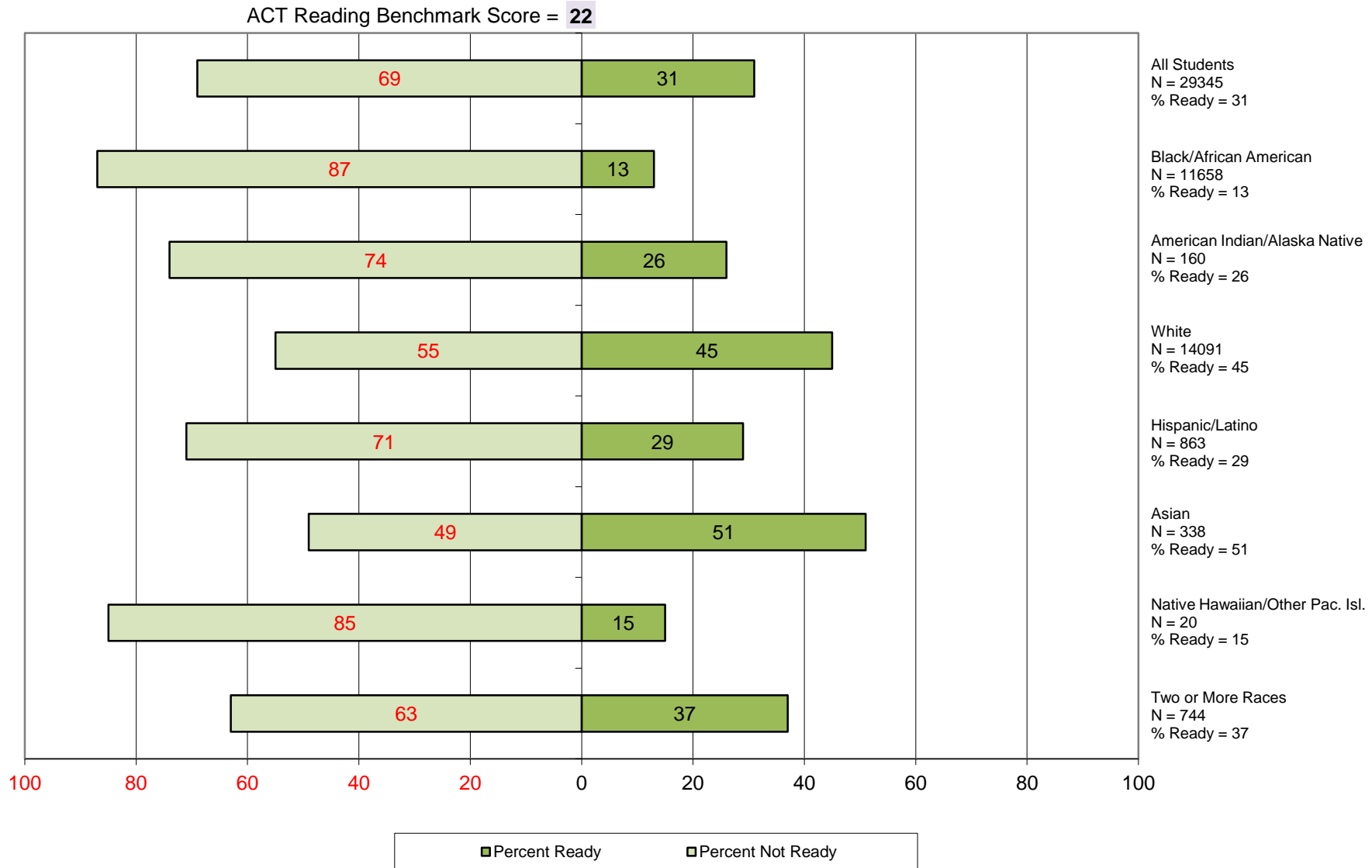


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

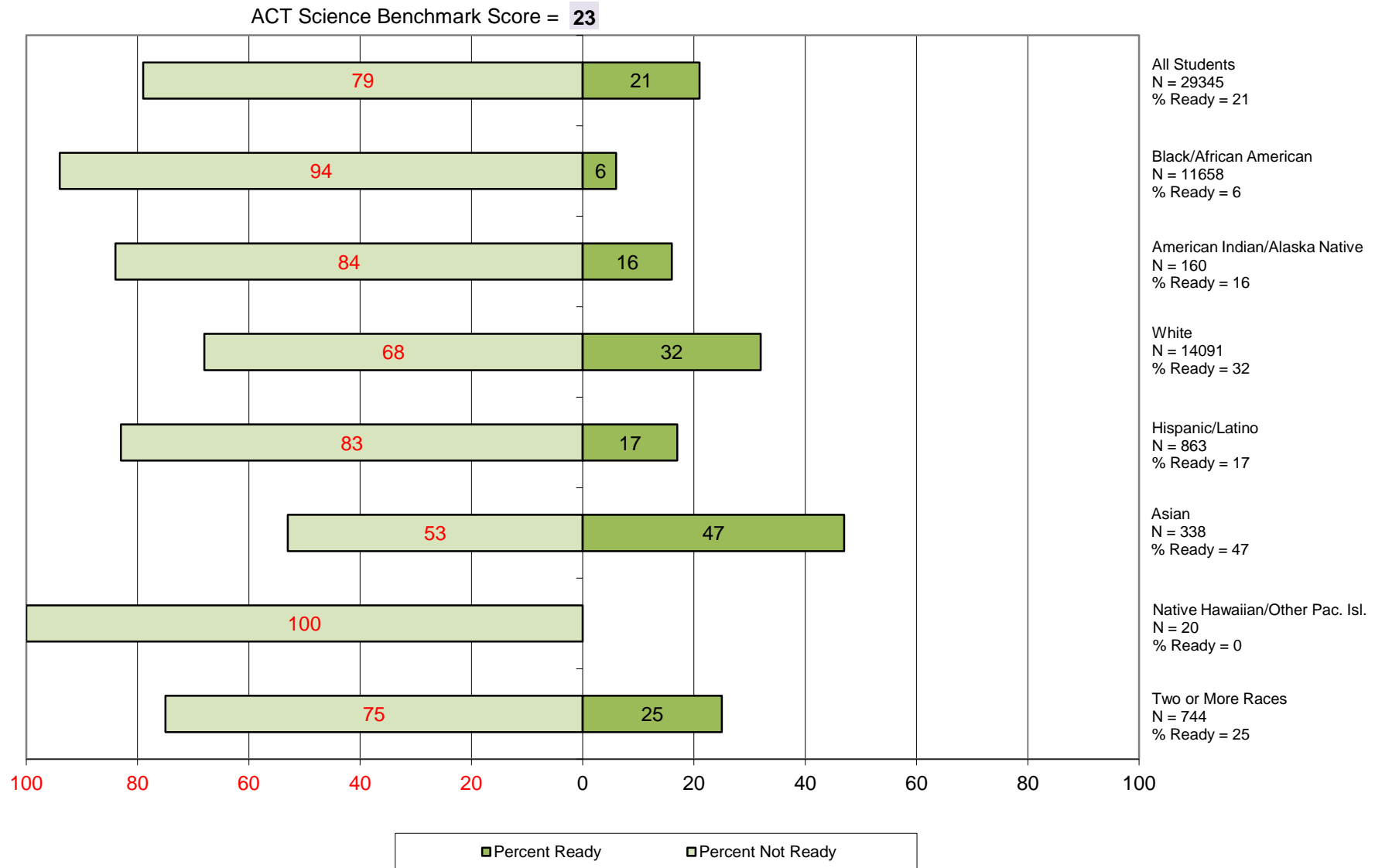
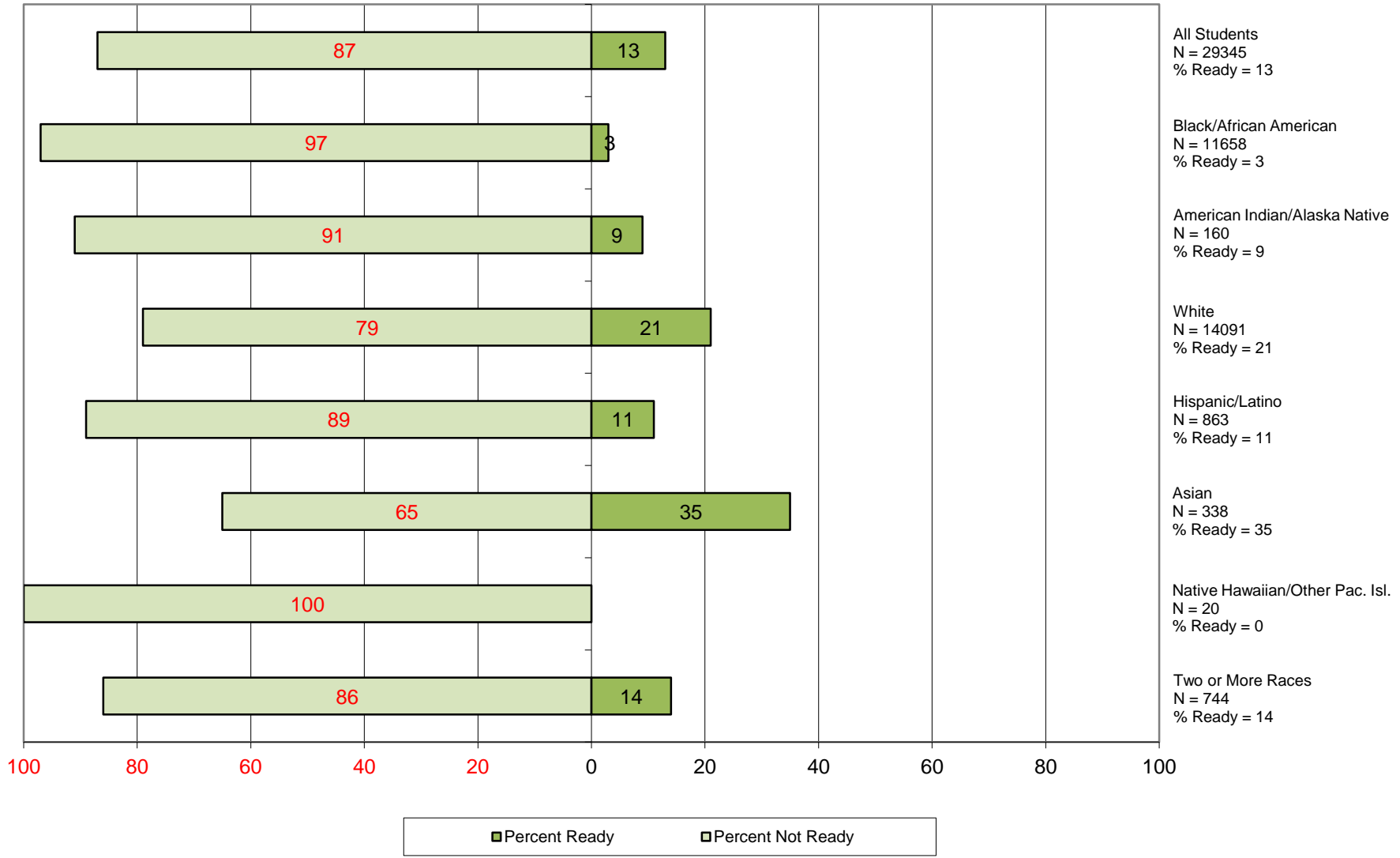


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 29,345

**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 <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,348	25	19.7	4.2	3,064	23	19.1	4.3	4,223	27	20.1	3.8
Eng 9, Eng 10, Eng 11, Eng 12	20,381	69	18.6	3.1	9,504	71	18.2	3.4	10,753	69	19.0	2.7
Less than 4 years of English	843	3	15.5	-	423	3	14.8	-	411	3	16.3	-
Zero years / no English courses reported	773	3	15.9	-	400	3	15.2	-	261	2	16.3	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,796	6	19.2	3.6	763	6	20.1	4.4	1,024	7	18.5	3.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,672	9	19.8	4.2	1,011	8	20.1	4.4	1,634	10	19.6	4.1
Alg 1, Alg 2, Geom, & Trig	2,167	7	17.7	2.1	969	7	17.9	2.2	1,189	8	17.5	2.0
Alg 1, Alg 2, Geom, & Other Adv Math	2,100	7	17.7	2.1	905	7	17.9	2.2	1,167	7	17.7	2.2
Other comb of 4 or more years of Math	11,026	38	19.9	4.3	4,941	37	20.4	4.7	6,036	39	19.4	3.9
Alg 1, Alg 2, & Geom	6,208	21	16.2	0.6	3,018	23	16.4	0.7	3,141	20	16.0	0.5
Other comb of 3 or 3.5 years of Math	1,398	5	16.8	1.2	716	5	16.9	1.2	672	4	16.6	1.1
Less than 3 years of Math	1,186	4	15.6	-	658	5	15.7	-	515	3	15.5	-
Zero years / no Math courses reported	792	3	16.8	-	410	3	16.8	-	270	2	16.4	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	221	1	18.5	2.2	135	1	18.1	2.1	84	1	19.2	2.6
Other comb of 4 or more years Social Science	23,304	79	19.8	3.5	10,322	77	19.6	3.6	12,841	82	20.0	3.4
US Hist, World Hist, & Am Gov	239	1	16.4	0.1	143	1	16.1	0.1	96	1	16.9	0.3
Other comb of 3 or 3.5 years of Social Science	3,513	12	17.5	1.2	1,690	13	17.5	1.5	1,784	11	17.6	1.0
Less than 3 years of Social Science	1,282	4	16.3	-	694	5	16.0	-	576	4	16.6	-
Zero years / no Social Science courses reported	786	3	17.5	-	407	3	16.9	-	267	2	18.0	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	10,908	37	19.8	2.1	5,098	38	20.3	2.7	5,762	37	19.3	1.6
Bio, Chem, Phys	1,670	6	21.7	4.0	763	6	22.6	5.0	906	6	21.0	3.3
Gen Sci <sup>2</sup> , Bio, Chem	8,462	29	19.0	1.3	3,596	27	19.1	1.5	4,780	31	19.0	1.3
Other comb of 3 years of Natural Science	848	3	17.4	-0.3	423	3	17.9	0.3	420	3	17.0	-0.7
Less than 3 years of Natural Science	6,647	23	17.7	-	3,091	23	17.6	-	3,502	22	17.7	-
Zero years / no Natural Science courses reported	810	3	17.1	-	420	3	16.8	-	278	2	16.9	-

<sup>1</sup>Course 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.

<sup>2</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 29,345

**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
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	7,348	25	19.7	58	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	20,381	69	18.6	51	1,359,318	71	20.6	65
Less than 4 years of English	843	3	15.5	32	93,944	5	15.9	36
Zero years / no English courses reported	773	3	15.9	34	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,796	6	19.2	27	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,672	9	19.8	33	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	2,167	7	17.7	15	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	2,100	7	17.7	15	362,476	19	19.4	30
Other comb of 4 or more years of Math	11,026	38	19.9	34	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	6,208	21	16.2	4	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	1,398	5	16.8	9	95,502	5	19.8	34
Less than 3 years of Math	1,186	4	15.6	2	78,951	4	16.3	8
Zero years / no Math courses reported	792	3	16.8	12	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	221	1	18.5	25	48,944	3	22.3	51
Other comb of 4 or more years Social Science	23,304	79	19.8	34	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	239	1	16.4	13	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	3,513	12	17.5	18	527,956	27	21.4	46
Less than 3 years of Social Science	1,282	4	16.3	12	194,720	10	19.5	34
Zero years / no Social Science courses reported	786	3	17.5	19	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	10,908	37	19.8	26	807,744	42	22.2	48
Bio, Chem, Phys	1,670	6	21.7	42	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	8,462	29	19.0	19	512,754	27	20.1	30
Other comb of 3 years of Natural Science	848	3	17.4	8	54,439	3	19.1	24
Less than 3 years of Natural Science	6,647	23	17.7	11	227,926	12	18.1	18
Zero years / no Natural Science courses reported	810	3	17.1	13	103,680	5	18.0	20

<sup>1</sup>Includes 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: 29,345

**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 <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	604	2	17.7	128	4	15.7	433	2	18.4
Architecture	321	1	18.2	31	1	15.1	267	1	18.8
Area, Ethnic, & Multidisciplinary Studies	29	0	19.3	4	0	16.5	23	0	19.8
Arts: Visual & Performing	1,586	5	18.9	210	6	16.0	1,255	5	19.6
Business	2,286	8	17.9	398	11	15.6	1,745	8	18.6
Communications	361	1	19.2	31	1	15.0	315	1	19.6
Community, Family, & Personal Services	756	3	17.0	162	4	15.9	549	2	17.5
Computer Science & Mathematics	624	2	20.3	58	2	17.4	537	2	20.6
Education	1,537	5	18.5	147	4	15.2	1,309	6	19.0
Engineering	2,161	7	20.3	274	8	15.6	1,788	8	21.1
Engineering Technology & Drafting	566	2	17.7	143	4	15.1	387	2	18.9
English & Foreign Languages	220	1	22.4	19	1	16.8	191	1	22.9
Health Administration & Assisting	1,654	6	17.2	224	6	15.5	1,323	6	17.6
Health Sciences & Technologies	6,380	22	19.7	466	13	16.6	5,715	25	20.0
Philosophy, Religion, & Theology	114	0	19.4	9	0	17.6	98	0	19.8
Repair, Production, & Construction	659	2	16.1	381	10	15.7	208	1	17.1
Sciences: Biological & Physical	1,575	5	20.8	55	2	16.2	1,456	6	21.1
Social Sciences & Law	1,686	6	19.8	92	3	16.0	1,538	7	20.1
Undecided	5,131	17	19.1	726	20	16.0	3,790	16	19.9
No Response	1,055	4	17.0	62	2	14.1	93	0	17.4

<sup>1</sup>2-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.

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

Total Students in Report: 29,345

**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	1,047	15.5	530	14.4	8	13.1	421	16.7	28	15.1
2-yr College Degree	2,593	16.0	1,189	14.9	24	15.7	1,142	17.1	102	16.0
Bachelors Degree	13,694	18.6	5,514	16.5	80	17.8	6,748	20.2	395	18.4
Graduate Study	2,927	21.4	847	17.6	9	21.8	1,737	23.1	79	21.5
Prof. Level Degree	6,415	21.3	2,529	18.3	27	20.0	3,054	23.5	164	21.7
Other	763	16.4	369	15.0	6	16.8	288	17.9	26	15.7
No Response	1,906	17.4	680	15.1	6	13.2	701	19.1	69	17.6

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	1,047	15.5	3	21.3	1	13.0	18	16.2	38	16.1
2-yr College Degree	2,593	16.0	9	16.8	2	16.0	55	17.7	70	16.6
Bachelors Degree	13,694	18.6	129	20.9	8	16.5	343	19.3	477	18.8
Graduate Study	2,927	21.4	38	23.8	1	18.0	61	21.2	155	21.9
Prof. Level Degree	6,415	21.3	126	25.2	3	19.7	204	21.7	308	21.7
Other	763	16.4	11	17.4	0	.	22	17.0	41	17.2
No Response	1,906	17.4	22	22.8	5	14.6	41	18.5	382	17.7

Total Students in Report: 29,345

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
MISSISSIPPI STATE UNIVERSITY	Mississippi	8,948	3,297	5,651	1	14	33	28	15	8	1
UNIVERSITY OF MISSISSIPPI	Mississippi	6,652	2,235	4,417	1	10	29	30	19	10	1
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	5,452	1,448	4,004	1	15	36	27	14	6	0
JACKSON STATE UNIVERSITY	Mississippi	2,320	723	1,597	4	33	44	15	3	1	0
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	Mississippi	1,965	807	1,158	4	27	39	21	7	2	0
JONES COUNTY JUNIOR COLLEGE	Mississippi	1,964	926	1,038	3	24	38	24	10	2	0
ITAWAMBA COMMUNITY COLLEGE	Mississippi	1,764	890	874	2	24	39	23	10	2	0
DELTA STATE UNIVERSITY	Mississippi	1,692	436	1,256	2	19	40	26	10	3	0
ALCORN STATE UNIVERSITY	Mississippi	1,590	567	1,023	4	34	45	14	2	0	0
NORTHEAST MISSISSIPPI COMM COLL	Mississippi	1,383	657	726	2	22	39	24	11	2	0
MISSISSIPPI COLLEGE	Mississippi	1,340	302	1,038	1	8	26	30	23	11	1
PEARL RIVER COMMUNITY COLLEGE	Mississippi	1,338	485	853	3	24	39	23	9	2	0
HOLMES COMMUNITY COLLEGE	Mississippi	1,272	389	883	5	26	38	22	8	2	0
HINDS COMM COLLEGE-RAYMOND CAMPUS	Mississippi	1,189	494	695	4	30	41	17	7	2	0
EAST MISSISSIPPI COMM COLL	Mississippi	1,017	392	625	6	28	42	18	5	1	0
UNIVERSITY OF MEMPHIS	Tennessee	998	223	775	3	17	36	27	13	4	0
UNIVERSITY OF ALABAMA	Alabama	956	210	746	0	9	22	27	21	17	3
MISSISSIPPI GULF COAST COMM COLLEGE	Mississippi	953	354	599	2	23	38	24	10	3	0
EAST CENTRAL COMMUNITY COLLEGE	Mississippi	893	468	425	3	26	42	20	7	1	0
WILLIAM CAREY UNIVERSITY	Mississippi	845	127	718	2	15	34	25	17	6	0
UNIVERSITY OF SOUTH ALABAMA	Alabama	768	219	549	0	7	27	30	23	12	1
COPIAH-LINCOLN COMMUNITY COLLEGE	Mississippi	729	355	374	3	26	38	22	8	2	0
HINDS COMM COLLEGE-RANKIN CAMPUS	Mississippi	715	300	415	3	22	40	24	8	2	0
MERIDIAN COMMUNITY COLLEGE	Mississippi	713	252	461	2	27	41	21	7	2	0
MISSISSIPPI UNIV FOR WOMEN	Mississippi	645	121	524	1	17	36	30	12	4	0
MISSISSIPPI VALLEY STATE UNIV	Mississippi	639	116	523	6	44	39	9	3	0	0
MISSISSIPPI DELTA COMM COLL	Mississippi	614	203	411	5	42	35	14	3	1	0
SOUTHWEST MISSISSIPPI COMMUNITY COLL	Mississippi	580	246	334	2	28	43	19	7	1	0
BELHAVEN UNIVERSITY	Mississippi	545	104	441	1	14	35	30	13	6	1
HINDS COMM COLLEGE-JACKSON CAMPUS	Mississippi	514	110	404	6	41	40	11	3	0	0
All Other Institutions		16,440	4,104	12,336	2	17	29	24	15	11	2
<b>Total</b>		<b>67,433</b>	<b>21,560</b>	<b>45,873</b>	<b>2</b>	<b>19</b>	<b>34</b>	<b>24</b>	<b>13</b>	<b>6</b>	<b>1</b>

# 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: 29,345

**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
<b>All Students</b>	<b>1,675</b>	<b>1,108,908</b>	<b>23.5</b>	<b>21.0</b>	<b>6.6</b>	<b>6.9</b>	<b>21.7</b>	<b>20.2</b>
Black/African American	602	136,380	18.5	16.3	6.0	6.0	17.6	15.9
American Indian/Alaska Native	11	7,142	22.3	16.5	6.1	5.9	20.3	16.0
White	786	567,060	26.7	22.8	6.9	7.1	24.4	21.8
Hispanic/Latino	72	196,970	24.0	18.4	6.9	6.7	22.4	18.1
Asian	50	68,736	29.6	23.9	7.7	7.6	27.2	23.0
Native Hawaiian/Other Pac. Isl.	1	4,070	24.0	18.0	8.0	6.5	23.0	17.6
Two or more races	64	45,517	24.0	21.3	6.8	6.9	22.3	20.4
Prefer not/No Response	89	83,033	24.4	20.8	6.7	6.7	22.6	19.9
Males	730	507,737	23.7	20.7	6.3	6.6	21.7	19.7
Females	945	590,537	23.3	21.4	6.8	7.1	21.8	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4





