

ACT Profile Report - State

Graduating Class 2014

Mississippi



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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

12% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 28,481 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. 73% 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. 23% 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 22% 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 72% 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

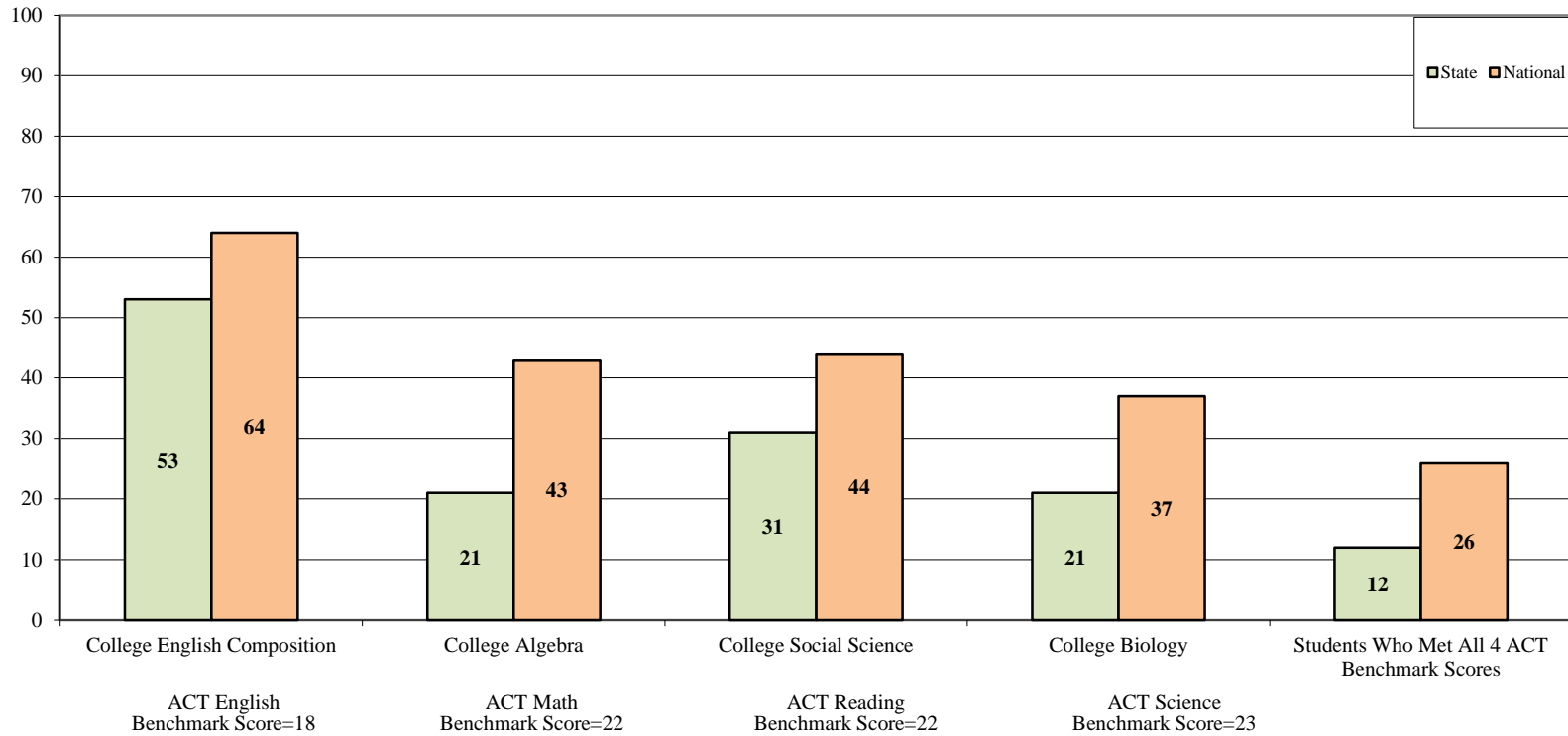
Executive Summary

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: 28,481

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2010	26,887	1,568,835	53	66	20	43	34	52	14	29	10	24
2011	28,167	1,623,112	52	66	20	45	33	52	13	30	10	25
2012	28,288	1,666,017	53	67	21	46	34	52	14	31	11	25
2013	27,749	1,799,243	54	64	21	44	29	44	20	36	12	26
2014	28,481	1,845,787	53	64	21	43	31	44	21	37	12	26

Table 1.2. Five Year Trends—Average ACT Scores

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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores				
	State	National	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: 28,481

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

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

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	26,887	100	18.8	28,167	100	18.7	28,288	100	18.7	27,749	100	18.9	28,481	100	19.0
Black/African American	10,850	40	16.3	11,617	41	16.3	11,549	41	16.3	11,183	40	16.5	11,355	40	16.5
American Indian/Alaska Native	129	0	18.0	133	0	17.4	132	0	17.0	124	0	17.5	134	0	17.2
White	14,211	53	20.5	14,168	50	20.5	14,143	50	20.6	13,834	50	20.7	14,149	50	20.8
Hispanic/Latino	332	1	19.1	567	2	19.0	680	2	19.0	664	2	19.1	829	3	19.1
Asian	287	1	22.8	317	1	22.1	304	1	22.2	309	1	22.8	309	1	22.8
Native Hawaiian/Other Pacific Islander	0	0	.	15	0	20.8	17	0	18.6	17	0	19.1	16	0	18.6
Two or more races	274	1	19.8	405	1	19.3	562	2	19.2	595	2	19.8	633	2	20.0
Prefer not to respond/No response	804	3	19.4	945	3	19.0	901	3	19.3	1,023	4	19.3	1,056	4	19.2

Total Students in Report: 28,481

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

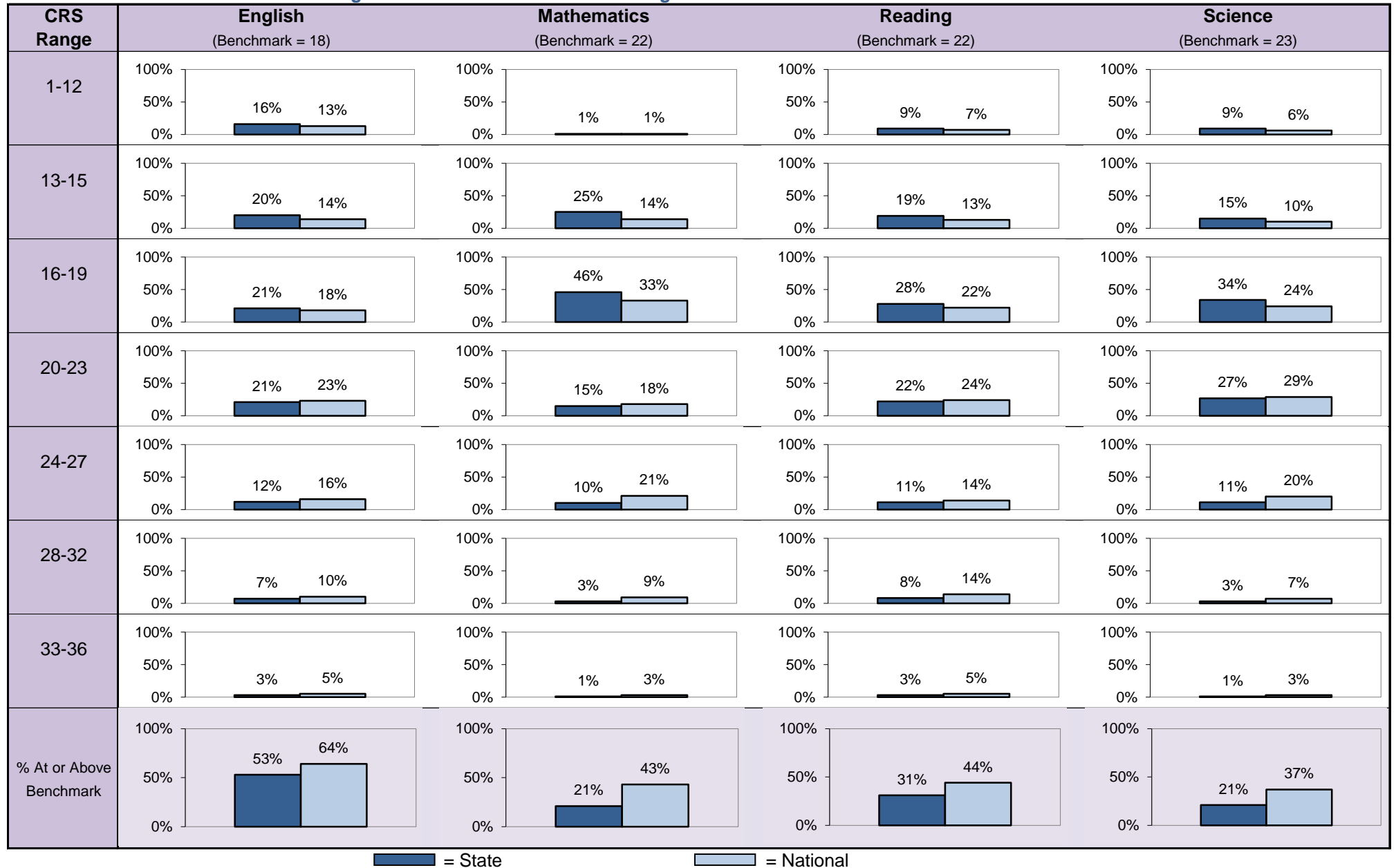


Table 1.7. Average ACT College Reportable Scores by Test Session Duration

Student Group	Test Session Duration	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Standard Time	27,966	98	18.9	18.3	19.4	18.9	19.0
	Extended Time	515	2	16.0	17.0	18.0	17.3	17.2
	Total	28,481	100	18.8	18.3	19.4	18.9	19.0
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	54	21	31	21	12
	Extended Time	32	14	26	16	10
	Total	53	21	31	21	12
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: 28,481

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	76	100	20	100	90	100	54	100	12	100	36
35	259	100	47	100	84	100	77	100	35	100	35
34	271	99	34	100	234	99	82	100	62	100	34
33	328	98	72	100	337	99	37	99	96	100	33
32	300	97	75	99	414	97	117	99	169	99	32
31	275	96	89	99	446	96	160	99	201	99	31
30	349	95	170	99	448	94	190	98	356	98	30
29	482	93	196	98	497	93	162	97	388	97	29
28	488	92	298	98	510	91	306	97	424	95	28
27	563	90	470	96	564	89	451	96	530	94	27
26	755	88	664	95	602	87	445	94	651	92	26
25	941	85	808	93	690	85	1,074	93	940	90	25
24	1,166	82	1,008	90	1,218	83	1,268	89	1,029	86	24
23	1,119	78	1,063	86	1,253	78	1,456	84	1,160	83	23
22	1,428	74	936	82	1,318	74	2,004	79	1,425	79	22
21	1,641	69	1,025	79	2,245	69	2,014	72	1,797	74	21
20	1,848	63	1,208	76	1,392	62	2,262	65	2,024	67	20
19	1,562	57	1,506	71	2,537	57	2,956	57	2,175	60	19
18	1,348	51	2,119	66	1,689	48	2,198	47	2,474	53	18
17	1,216	47	3,774	59	1,836	42	2,530	39	2,542	44	17
16	1,886	42	5,590	45	2,025	35	1,904	30	2,683	35	16
15	2,385	36	4,550	26	1,905	28	1,590	24	2,415	26	15
14	2,008	27	1,838	10	2,054	22	1,448	18	2,174	17	14
13	1,357	20	643	3	1,504	14	1,182	13	1,566	10	13
12	1,187	16	189	1	1,358	9	965	9	845	4	12
11	1,234	11	64	1	671	4	745	5	242	1	11
10	1,039	7	15	1	384	2	392	3	46	1	10
9	511	3	5	1	91	1	281	1	15	1	9
8	298	2	4	1	18	1	85	1	3	1	8
7	113	1	1	1	47	1	23	1	2	1	7
6	31	1	0	1	16	1	14	1	0	1	6
5	14	1	0	1	2	1	6	1	0	1	5
4	3	1	0	1	1	1	2	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	18.8 (6.2)		18.3 (4.1)		19.4 (5.7)		18.9 (4.8)		19.0 (4.7)		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: 28,481

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	720	100	196	100	345	100	433	100	246	100	58	100	62	100	18
17	1,013	97	312	99	770	99	1,085	98	362	99	64	100	24	100	17
16	732	94	856	98	945	96	1,041	95	507	98	172	100	271	100	16
15	1,066	91	1,245	95	836	93	1,205	91	671	96	544	99	521	99	15
14	837	88	1,322	91	1,321	90	1,192	87	1,099	94	957	97	894	97	14
13	1,477	85	1,846	86	1,851	85	1,642	83	1,430	90	1,546	94	1,040	94	13
12	1,515	79	1,991	80	2,486	79	1,876	77	2,157	85	1,950	88	2,019	90	12
11	2,547	74	2,583	73	2,305	70	2,540	70	1,957	77	2,748	81	2,578	83	11
10	2,753	65	2,643	64	2,884	62	2,380	61	2,081	70	4,942	72	3,373	74	10
9	2,998	56	3,546	54	2,984	52	3,959	53	2,827	63	5,160	54	5,675	62	9
8	3,040	45	3,549	42	3,801	41	2,604	39	4,242	53	4,228	36	5,076	42	8
7	2,520	34	2,428	29	4,003	28	2,532	30	5,087	38	2,904	21	3,119	24	7
6	2,475	26	2,316	21	2,102	14	2,267	21	3,392	20	1,584	11	1,390	13	6
5	2,350	17	1,958	13	1,092	6	2,426	13	1,574	9	861	6	1,006	9	5
4	1,380	9	1,294	6	463	3	865	5	548	3	324	3	671	5	4
3	786	4	334	1	179	1	306	2	221	1	346	2	411	3	3
2	251	1	54	1	90	1	122	1	69	1	9	1	201	1	2
1	21	1	8	1	24	1	6	1	11	1	84	1	150	1	1
Avg (SD)	9.4 (3.8)		9.5 (3.4)		9.8 (3.3)		9.8 (3.6)		9.0 (3.1)		9.4 (2.6)		9.0 (2.7)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

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

Total Students in Report: 28,481

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	28,481	73	19.6	17.2
	Black/African American	11,355	72	16.9	15.6
	American Indian/Alaska Native	134	69	18.3	15.3
	White	14,149	75	21.6	18.6
	Hispanic/Latino	829	69	20.0	17.4
	Asian	309	86	23.1	21.4
	Native Hawaiian/Other Pac. Isl.	16	75	19.3	17.7
	Two or more races	633	78	20.6	18.4
	Prefer not/No Response	1,056	65	20.4	17.4
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	18.8	18.3	19.4	18.9	19.0
	Black/African American	15.6	16.5	16.7	16.7	16.5
	American Indian/Alaska Native	16.3	17.2	17.3	17.6	17.2
	White	21.2	19.6	21.4	20.6	20.8
	Hispanic/Latino	18.7	18.6	19.7	19.0	19.1
	Asian	22.8	23.0	22.5	22.4	22.8
	Native Hawaiian/Other Pac. Isl.	19.1	18.2	19.1	17.8	18.6
	Two or more races	20.2	18.9	20.6	20.0	20.0
	Prefer not/No Response	19.0	18.4	19.7	19.0	19.2
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: 28,481

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	934	3	173	1	745	3	250	1
	28 to 32	1,894	7	828	3	2,315	8	935	3
	24 to 27	3,425	12	2,950	10	3,074	11	3,238	11
	20 to 23	6,036	21	4,232	15	6,208	22	7,736	27
	16 to 19	6,012	21	12,989	46	8,087	28	9,588	34
	13 to 15	5,750	20	7,031	25	5,463	19	4,220	15
	01 to 12	4,430	16	278	1	2,589	9	2,514	9
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	13,115	46	18.4	18.6	19.3	19.2	19.0
	Females	15,346	54	19.1	18.1	19.5	18.7	19.0
	Missing	20	0	14.4	16.5	15.5	15.6	15.6
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	50	23	30	23	14
	Females	56	19	31	18	11
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 28,481

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	20,825	59	19.7	25	18.9	35	20.1	24	19.5	15	19.6
	Less than Core	7,227	38	16.6	10	16.8	19	17.7	11	17.3	5	17.2
	Missing ³	429	23	14.3	6	15.9	17	16.4	7	16.4	3	15.9
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	27,568	54	18.9	26,987	22	18.4	27,180	31	19.5	21,761	24	19.4
	Less than Core	550	33	15.7	1,112	2	15.5	924	13	16.5	6,329	11	17.4
	Missing ³	363	24	14.5	382	5	15.8	377	19	16.6	391	7	16.5
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

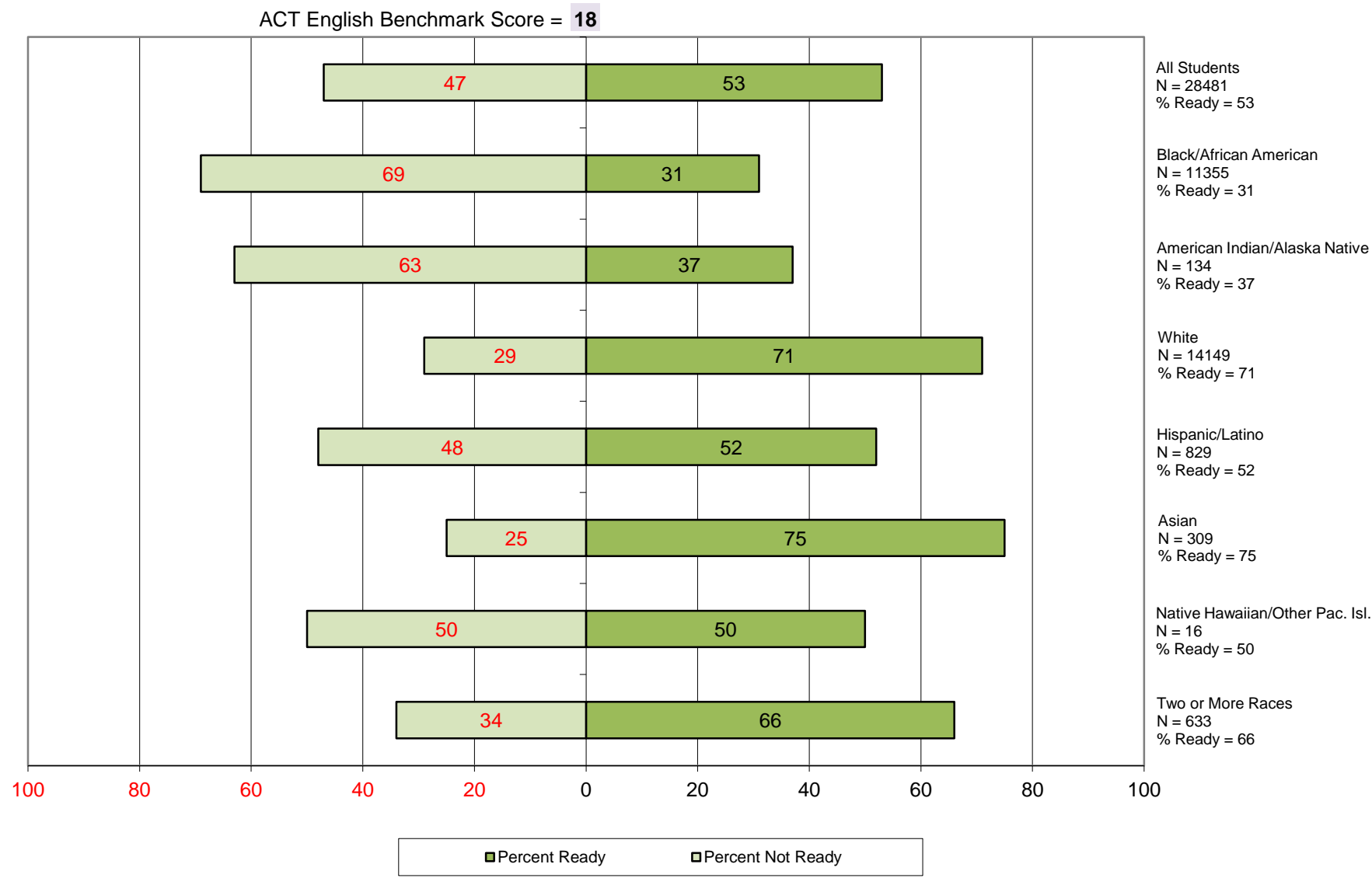
College Readiness and the Impact of Course Rigor

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.

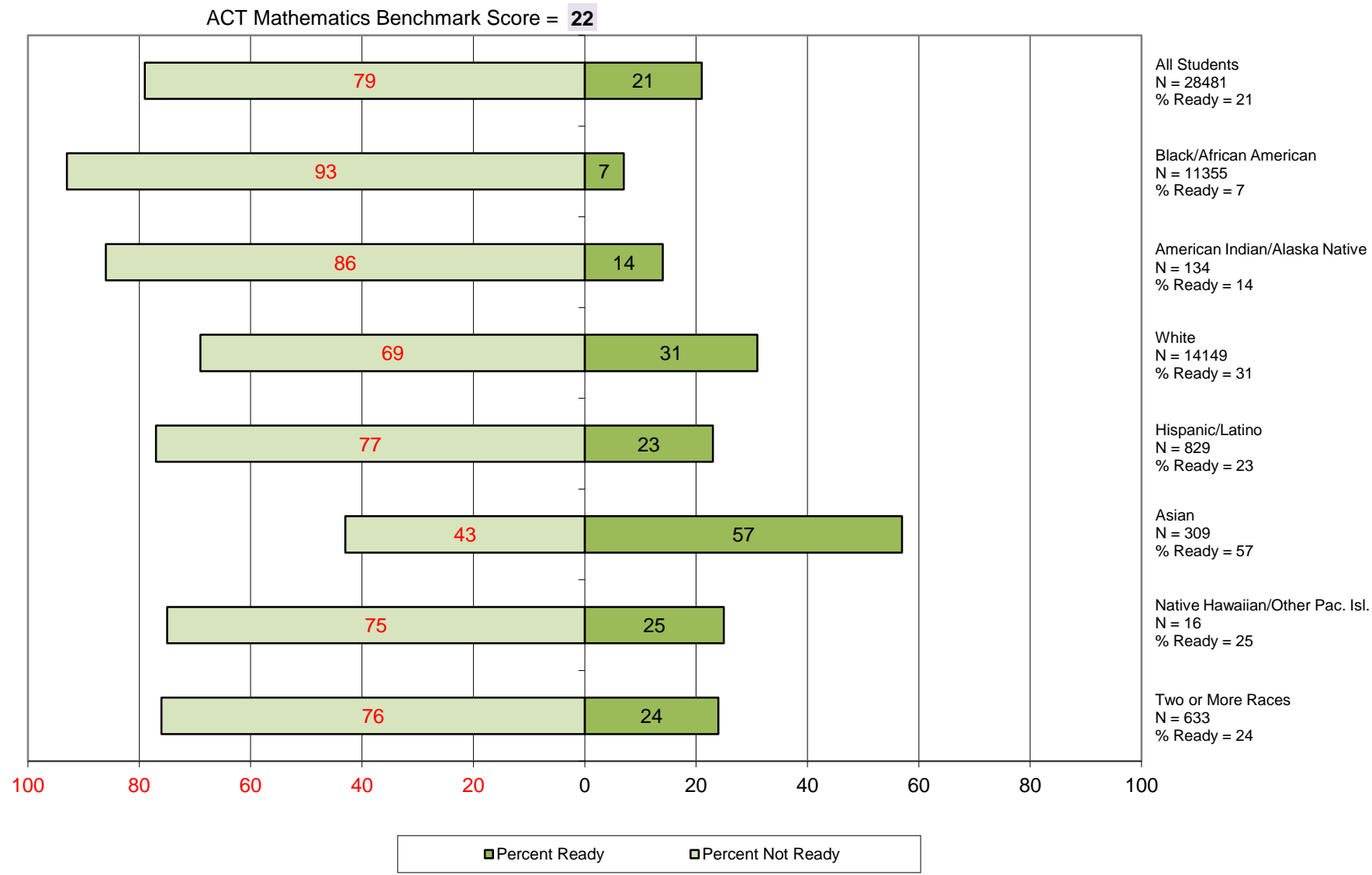
Total Students in Report: 28,481

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



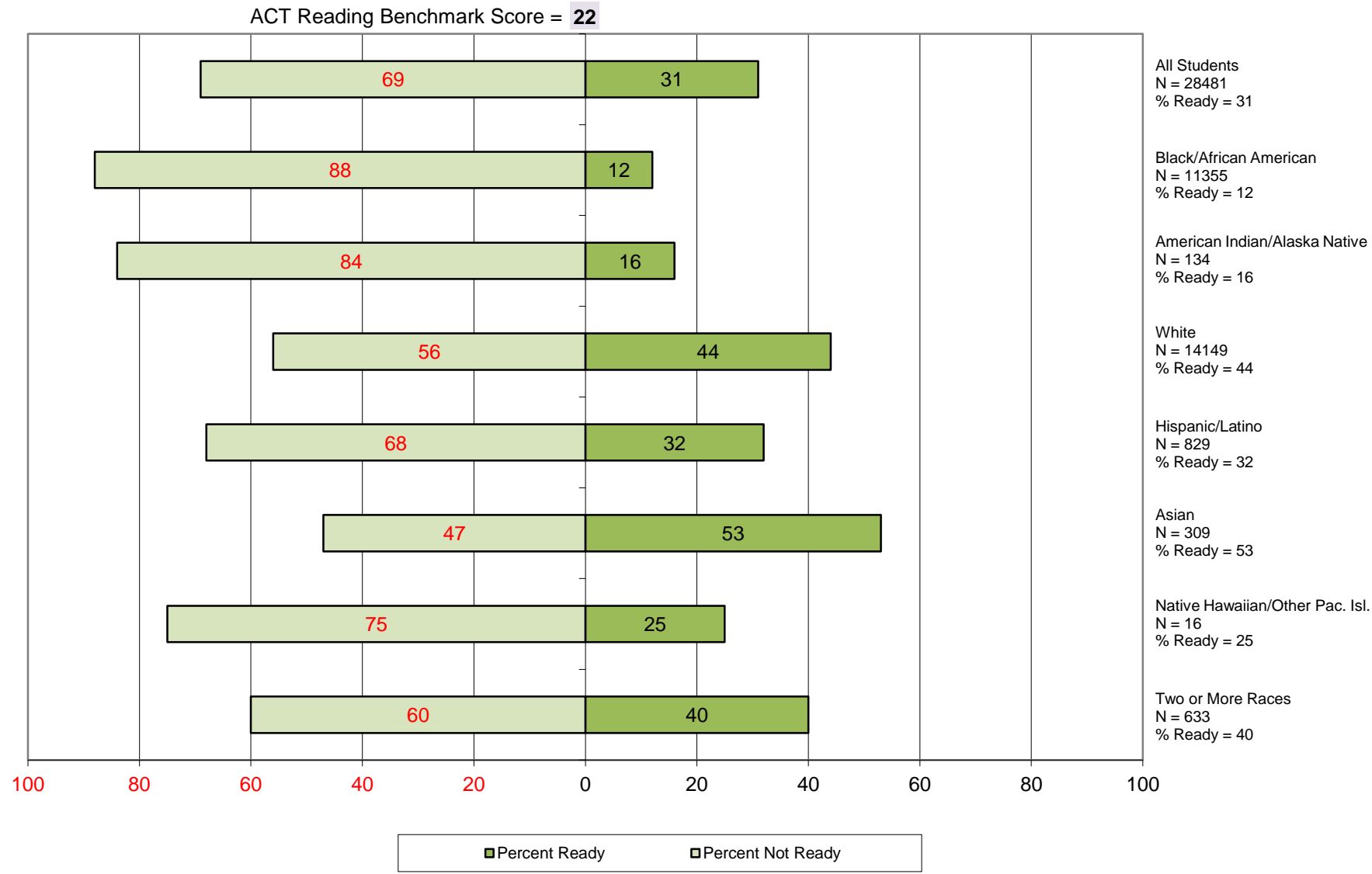
Total Students in Report: 28,481

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



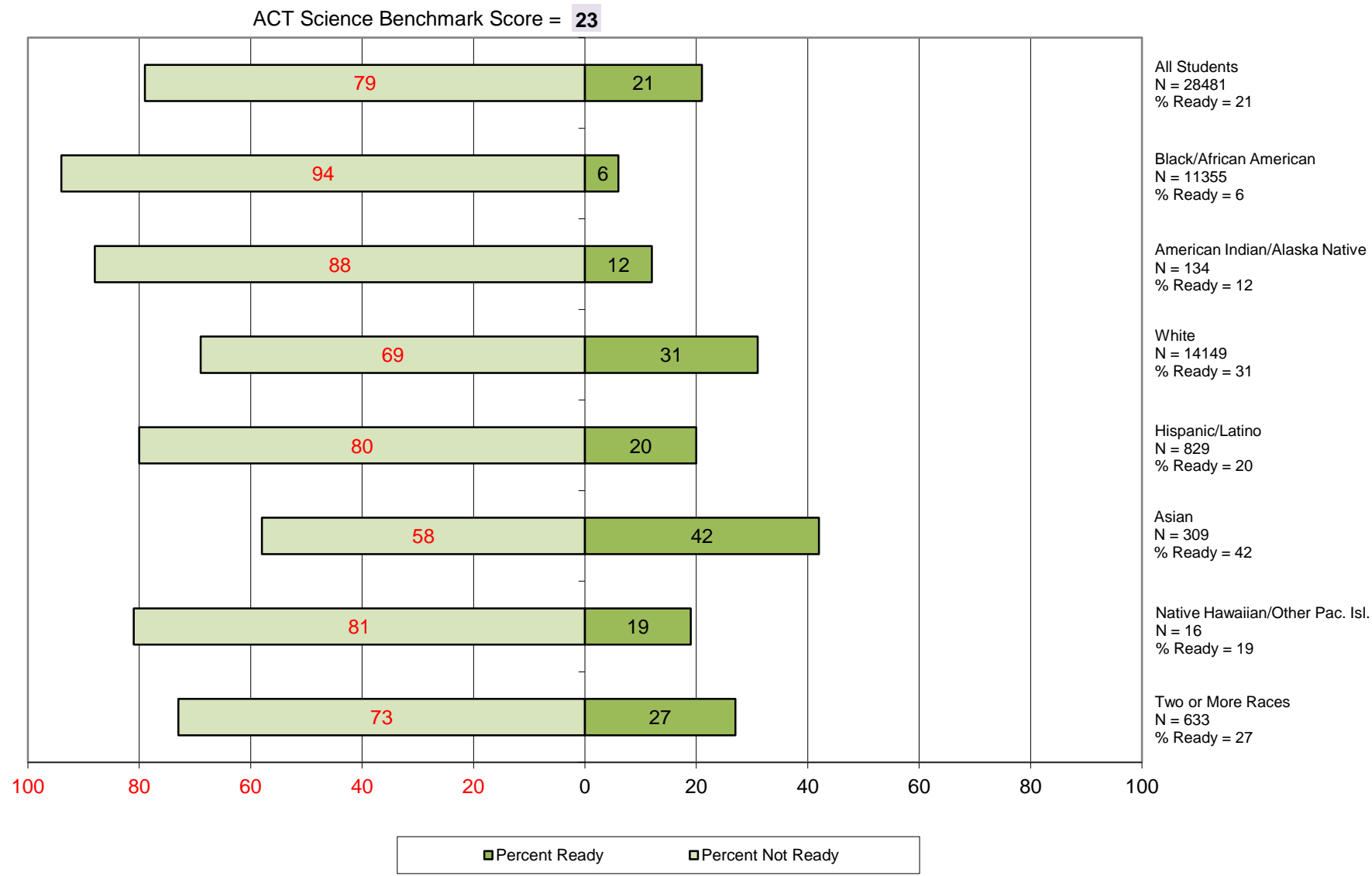
Total Students in Report: 28,481

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



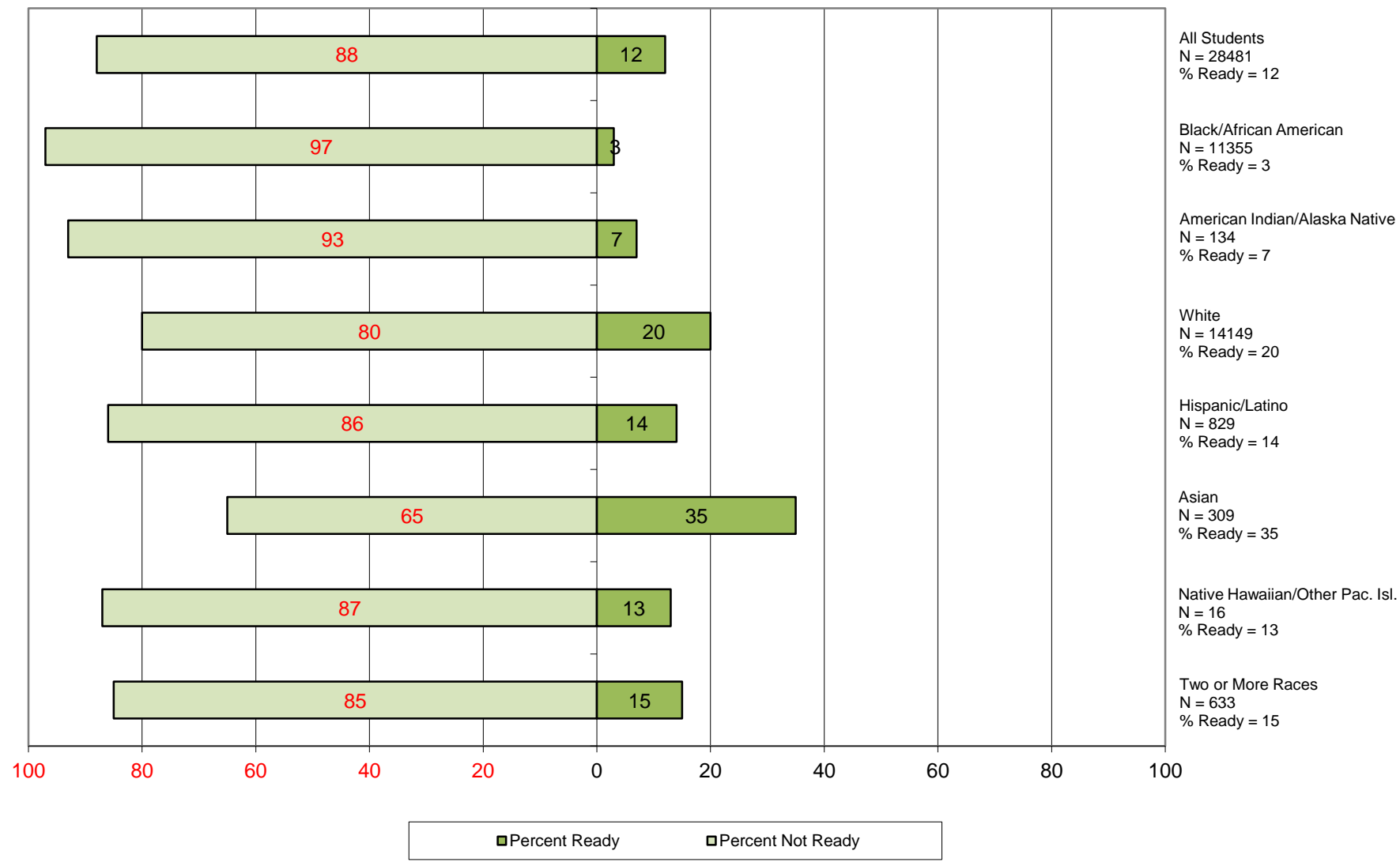
Total Students in Report: 28,481

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



Total Students in Report: 28,481

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



Total Students in Report: 28,481

Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,994	25	19.6	3.9	3,059	23	19.2	3.9	3,933	26	19.9	3.7
Eng 9, Eng 10, Eng 11, Eng 12	20,574	72	18.7	3.0	9,564	73	18.4	3.1	11,007	72	19.0	2.8
Less than 4 years of English	550	2	15.7	-	281	2	15.3	-	266	2	16.2	-
Zero years / no English courses reported	363	1	14.5	-	211	2	14.3	-	140	1	14.7	-
MATHEMATICS COURSE PATTERN												
	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹
Alg 1, Alg 2, Geom, Trig, & Calc	1,796	6	19.4	3.9	747	6	20.1	4.5	1,049	7	18.8	3.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,912	10	19.6	4.1	1,102	8	20.1	4.5	1,809	12	19.3	3.9
Alg 1, Alg 2, Geom, & Trig	2,407	8	17.9	2.4	1,089	8	18.1	2.5	1,318	9	17.7	2.3
Alg 1, Alg 2, Geom, & Other Adv Math	1,706	6	17.5	2.0	752	6	17.6	2.0	952	6	17.4	2.0
Other comb of 4 or more years of Math	10,326	36	19.9	4.4	4,845	37	20.4	4.8	5,479	36	19.5	4.1
Alg 1, Alg 2, & Geom	6,446	23	16.2	0.7	3,044	23	16.4	0.8	3,400	22	16.1	0.7
Other comb of 3 or 3.5 years of Math	1,394	5	16.8	1.3	722	6	17.0	1.4	672	4	16.6	1.2
Less than 3 years of Math	1,112	4	15.5	-	591	5	15.6	-	520	3	15.4	-
Zero years / no Math courses reported	382	1	15.8	-	223	2	15.9	-	147	1	15.8	-
SOCIAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹
US Hist, World Hist, Am Gov, & Other Hist	205	1	19.8	3.3	121	1	19.0	2.8	84	1	20.9	4.1
Other comb of 4 or more years Social Science	23,621	83	19.8	3.3	10,671	81	19.7	3.5	12,947	84	19.9	3.1
US Hist, World Hist, & Am Gov	224	1	16.4	-0.1	125	1	15.8	-0.4	99	1	17.2	0.4
Other comb of 3 or 3.5 years of Social Science	3,130	11	17.6	1.1	1,484	11	17.6	1.4	1,643	11	17.6	0.8
Less than 3 years of Social Science	924	3	16.5	-	492	4	16.2	-	430	3	16.8	-
Zero years / no Social Science courses reported	377	1	16.6	-	222	2	16.7	-	143	1	16.5	-
NATURAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹
Gen Sci ² , Bio, Chem, & Phys	10,682	38	19.8	2.4	5,089	39	20.3	2.9	5,593	36	19.3	2.0
Bio, Chem, Phys	1,624	6	21.6	4.2	735	6	22.5	5.1	889	6	20.8	3.5
Gen Sci ² , Bio, Chem	8,693	31	18.7	1.3	3,780	29	18.9	1.5	4,910	32	18.7	1.4
Other comb of 3 years of Natural Science	762	3	17.1	-0.3	378	3	17.4	0.0	383	2	16.7	-0.6
Less than 3 years of Natural Science	6,329	22	17.4	-	2,910	22	17.4	-	3,415	22	17.3	-
Zero years / no Natural Science courses reported	391	1	16.5	-	223	2	16.6	-	156	1	16.7	-

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: 28,481

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,994	25	19.6	58	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	20,574	72	18.7	53	1,305,220	71	20.5	65
Less than 4 years of English	550	2	15.7	33	88,420	5	15.9	36
Zero years / no English courses reported	363	1	14.5	24	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	1,796	6	19.4	29	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,912	10	19.6	31	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	2,407	8	17.9	16	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	1,706	6	17.5	12	356,555	19	19.4	31
Other comb of 4 or more years of Math	10,326	36	19.9	34	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	6,446	23	16.2	4	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	1,394	5	16.8	8	90,105	5	19.8	35
Less than 3 years of Math	1,112	4	15.5	2	74,627	4	16.4	8
Zero years / no Math courses reported	382	1	15.8	5	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	205	1	19.8	33	48,992	3	22.3	50
Other comb of 4 or more years Social Science	23,621	83	19.8	33	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	224	1	16.4	11	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	3,130	11	17.6	18	504,877	27	21.3	43
Less than 3 years of Social Science	924	3	16.5	13	180,385	10	19.4	32
Zero years / no Social Science courses reported	377	1	16.6	19	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	10,682	38	19.8	27	781,043	42	22.1	46
Bio, Chem, Phys	1,624	6	21.6	43	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	8,693	31	18.7	18	505,460	27	20.0	28
Other comb of 3 years of Natural Science	762	3	17.1	7	52,236	3	19.2	24
Less than 3 years of Natural Science	6,329	22	17.4	11	220,701	12	18.1	17
Zero years / no Natural Science courses reported	391	1	16.5	7	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: 28,481

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	569	2	17.7	101	3	15.7	427	2	18.3
Architecture	315	1	18.9	29	1	15.7	263	1	19.6
Area, Ethnic, & Multidisciplinary Studies	25	0	20.6	1	0	16.0	23	0	20.8
Arts: Visual & Performing	1,546	5	18.9	185	5	15.7	1,275	5	19.5
Business	2,189	8	17.9	328	10	15.4	1,751	8	18.5
Communications	337	1	19.0	31	1	14.6	282	1	19.7
Community, Family, & Personal Services	729	3	16.9	156	5	15.4	538	2	17.4
Computer Science & Mathematics	644	2	19.7	70	2	16.0	544	2	20.2
Education	1,491	5	18.5	116	3	15.0	1,312	6	19.0
Engineering	2,066	7	20.0	252	7	15.6	1,711	7	20.8
Engineering Technology & Drafting	543	2	18.0	129	4	15.7	385	2	18.9
English & Foreign Languages	178	1	21.7	4	0	18.0	163	1	22.0
Health Administration & Assisting	1,860	7	17.1	278	8	15.7	1,486	6	17.4
Health Sciences & Technologies	6,630	23	19.6	515	15	16.5	5,932	26	19.9
Philosophy, Religion, & Theology	126	0	20.1	7	0	17.6	112	0	20.4
Repair, Production, & Construction	633	2	16.0	373	11	15.5	201	1	17.1
Sciences: Biological & Physical	1,493	5	21.1	56	2	15.8	1,382	6	21.4
Social Sciences & Law	1,784	6	19.6	87	3	15.9	1,625	7	19.8
Undecided	4,887	17	19.2	609	18	15.8	3,718	16	20.0
No Response	420	1	16.5	46	1	15.2	86	0	17.3

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

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

Total Students in Report: 28,481

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	832	15.4	391	14.4	9	14.8	375	16.3	23	17.0
2-yr College Degree	2,551	15.9	1,139	14.6	14	14.5	1,197	17.0	87	15.7
Bachelors Degree	13,714	18.5	5,481	16.2	67	16.8	6,977	20.1	403	19.0
Graduate Study	2,949	21.3	853	17.6	11	20.5	1,814	23.0	65	21.4
Prof. Level Degree	6,558	21.2	2,698	18.3	27	18.9	3,027	23.7	188	21.3
Other	644	16.2	335	14.7	3	21.3	243	17.9	21	16.5
No Response	1,233	17.5	458	15.3	3	16.3	516	19.6	42	16.7

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	832	15.4	3	18.0	1	16.0	10	16.4	20	14.5
2-yr College Degree	2,551	15.9	11	16.3	1	13.0	47	16.8	55	16.2
Bachelors Degree	13,714	18.5	99	20.9	6	16.0	271	19.4	410	18.5
Graduate Study	2,949	21.3	42	23.0	4	20.3	58	21.8	102	21.3
Prof. Level Degree	6,558	21.2	138	25.1	4	23.0	214	21.5	262	21.9
Other	644	16.2	4	20.5	0	.	15	18.2	23	18.8
No Response	1,233	17.5	12	19.8	0	.	18	18.7	184	17.1

Total Students in Report: 28,481

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	8,482	2,787	5,695	2	13	31	28	16	8	1
UNIVERSITY OF MISSISSIPPI	Mississippi	6,132	1,937	4,195	1	9	27	31	20	10	1
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	5,592	1,352	4,240	2	15	34	28	14	6	1
GEAR UP MISSISSIPPI	Mississippi	2,835	2,524	311	4	21	37	24	10	4	0
JACKSON STATE UNIVERSITY	Mississippi	2,140	512	1,628	6	33	43	14	3	0	0
JONES COUNTY JUNIOR COLLEGE	Mississippi	1,857	795	1,062	4	25	38	21	10	2	0
ITAWAMBA COMMUNITY COLLEGE	Mississippi	1,849	900	949	5	24	37	23	9	2	0
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	Mississippi	1,772	725	1,047	6	26	37	22	7	2	0
DELTA STATE UNIVERSITY	Mississippi	1,639	408	1,231	3	20	36	28	10	2	0
ALCORN STATE UNIVERSITY	Mississippi	1,465	499	966	6	36	43	12	2	0	0
NORTHEAST MISSISSIPPI COMM COLL	Mississippi	1,378	613	765	5	25	36	24	9	2	0
PEARL RIVER COMMUNITY COLLEGE	Mississippi	1,266	483	783	4	25	38	21	9	3	0
MISSISSIPPI COLLEGE	Mississippi	1,203	270	933	1	7	25	29	24	13	1
HOLMES COMMUNITY COLLEGE	Mississippi	1,202	353	849	5	27	35	25	7	1	0
HINDS COMM COLLEGE-RAYMOND CAMPUS	Mississippi	1,140	457	683	6	35	37	15	6	1	0
UNIVERSITY OF ALABAMA	Alabama	979	184	795	2	7	22	26	20	21	3
EAST CENTRAL COMMUNITY COLLEGE	Mississippi	961	410	551	5	25	37	22	8	2	0
MS GULF COAST CC-PERKINSTON CAMPUS	Mississippi	834	227	607	5	17	39	26	10	3	0
EAST MISSISSIPPI COMM COLL	Mississippi	805	298	507	9	32	37	17	5	0	0
WILLIAM CAREY UNIVERSITY	Mississippi	780	135	645	2	12	32	29	15	9	0
MISSISSIPPI VALLEY STATE UNIV	Mississippi	777	148	629	9	41	37	12	2	0	0
MERIDIAN COMMUNITY COLLEGE	Mississippi	747	234	513	7	27	35	23	6	2	0
MS GULF COAST CC-JEFFERSON DAVIS CAMPUS	Mississippi	739	217	522	4	19	40	23	10	4	0
UNIVERSITY OF SOUTH ALABAMA	Alabama	739	158	581	1	6	26	32	23	12	1
UNIVERSITY OF MEMPHIS	Tennessee	698	170	528	2	13	35	29	15	5	0
COPIAH-LINCOLN COMMUNITY COLLEGE	Mississippi	687	310	377	4	27	39	21	7	2	0
MISSISSIPPI UNIV FOR WOMEN	Mississippi	602	124	478	1	16	35	33	12	3	0
HINDS COMM COLLEGE-RANKIN CAMPUS	Mississippi	562	223	339	4	20	41	25	10	1	0
SOUTHWEST MISSISSIPPI COMMUNITY COLL	Mississippi	535	211	324	3	30	37	23	5	2	0
MISSISSIPPI DELTA COMM COLL	Mississippi	516	134	382	10	42	33	12	3	0	0
All Other Institutions		14,641	3,524	11,117	3	16	28	23	16	11	2
Total		65,554	21,322	44,232	3	19	33	25	13	7	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: 28,481

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	1,657	976,031	22.7	21.3	6.5	7.1	21.1	20.6
Black/African American	620	114,263	18.2	16.4	6.0	6.3	17.3	16.3
American Indian/Alaska Native	9	6,408	20.2	16.8	7.4	6.2	20.3	16.5
White	799	520,054	25.7	23.1	6.8	7.3	23.6	22.1
Hispanic/Latino	54	167,575	23.3	18.5	6.7	6.9	21.7	18.4
Asian	46	61,663	29.9	23.7	7.6	7.7	27.4	22.9
Native Hawaiian/Other Pac. Isl.	0	3,742	.	17.7	.	6.6	.	17.6
Two or more races	60	39,565	23.2	21.4	6.6	7.1	21.6	20.7
Prefer not/No Response	69	62,761	23.6	21.6	6.6	7.1	21.8	20.9
Males	776	438,500	22.7	21.1	6.3	6.9	20.9	20.2
Females	881	530,240	22.8	21.6	6.8	7.3	21.4	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

