

# ACT Profile Report - State

Graduating Class 2014

New Jersey





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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](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

40% 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:** 26,182 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. 54% 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 1% of the cohort took less than three years of math courses. Of these students, 15% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 70% 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 4% of the cohort took less than three years of natural science courses. 23% of these students were college ready. In comparison, 51% 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 28% 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

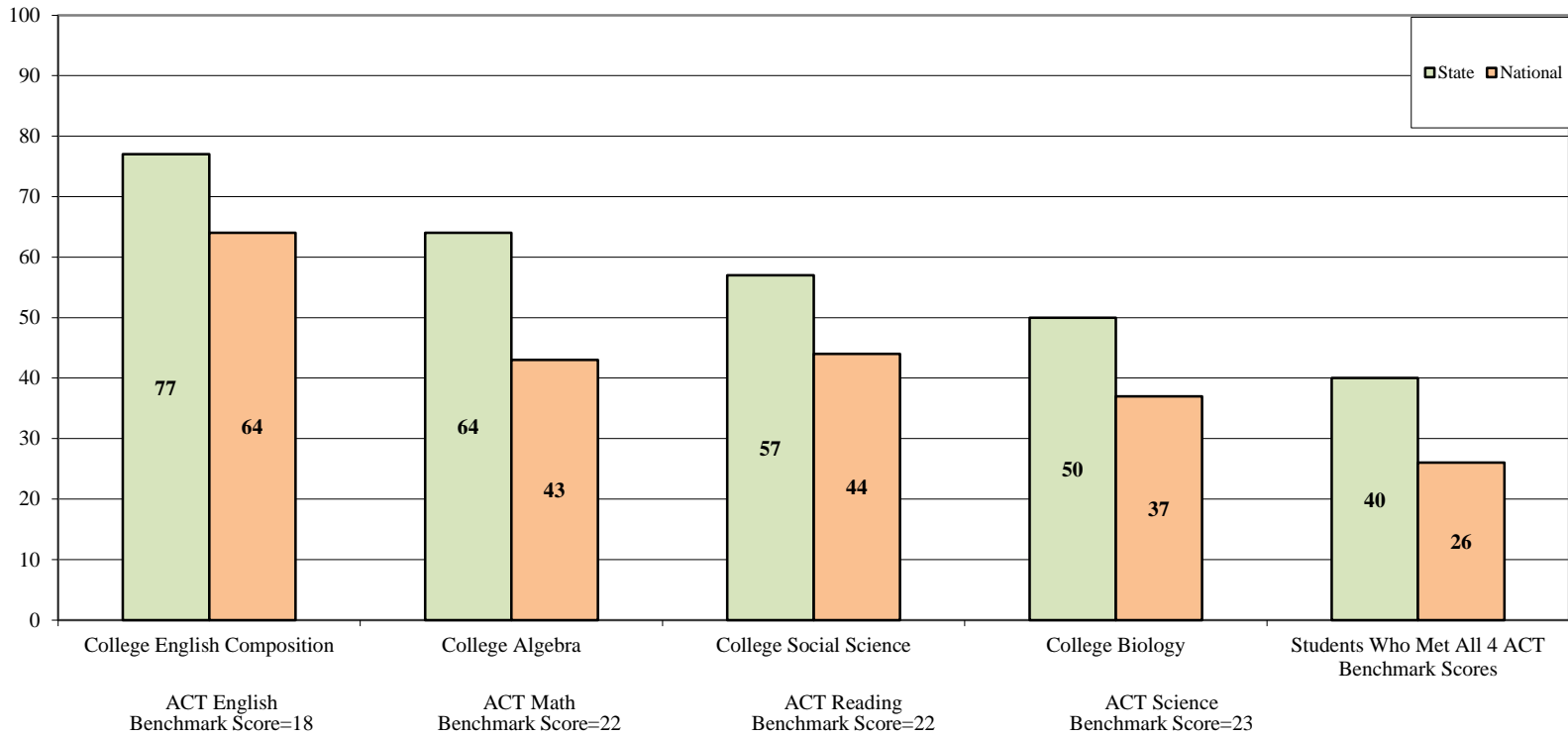
## Executive Summary

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: 26,182

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2010	19,177	1,568,835	82	66	64	43	65	52	40	29	36	24
2011	20,796	1,623,112	81	66	66	45	67	52	41	30	37	25
2012	22,179	1,666,017	81	67	67	46	67	52	43	31	39	25
2013	24,202	1,799,243	77	64	64	44	58	44	48	36	40	26
<b>2014</b>	<b>26,182</b>	<b>1,845,787</b>	<b>77</b>	<b>64</b>	<b>64</b>	<b>43</b>	<b>57</b>	<b>44</b>	<b>50</b>	<b>37</b>	<b>40</b>	<b>26</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
2010	19,177	1,568,835	23.1	20.5	23.6	21.0	23.2	21.3	22.4	20.9	23.2	21.0
2011	20,796	1,623,112	23.1	20.6	23.7	21.1	23.3	21.3	22.4	20.9	23.2	21.1
2012	22,179	1,666,017	23.1	20.5	23.9	21.1	23.4	21.3	22.6	20.9	23.4	21.1
2013	24,202	1,799,243	22.5	20.2	23.6	20.9	23.1	21.1	22.2	20.7	23.0	20.9
<b>2014</b>	<b>26,182</b>	<b>1,845,787</b>	<b>22.8</b>	<b>20.3</b>	<b>23.7</b>	<b>20.9</b>	<b>23.1</b>	<b>21.3</b>	<b>22.4</b>	<b>20.8</b>	<b>23.1</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
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
<b>2014</b>	<b>1,845,787</b>	<b>20.3</b>	<b>20.9</b>	<b>21.3</b>	<b>20.8</b>	<b>21.0</b>

Total Students in Report: 26,182

**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
2010	10,658	8,379	56	44	23.6	22.4	24.0	23.1	23.7	22.6	22.7	22.0	23.7	22.7
2011	11,728	8,782	56	42	23.7	22.4	24.1	23.3	23.8	22.6	22.7	22.0	23.7	22.7
2012	12,444	9,409	56	42	23.6	22.6	24.3	23.6	23.8	22.8	23.0	22.3	23.8	22.9
2013	12,965	10,465	54	43	23.6	21.6	24.3	23.0	24.0	22.2	22.9	21.6	23.8	22.2
<b>2014</b>	<b>14,250</b>	<b>11,470</b>	<b>54</b>	<b>44</b>	<b>23.6</b>	<b>21.9</b>	<b>24.3</b>	<b>23.2</b>	<b>23.9</b>	<b>22.3</b>	<b>23.0</b>	<b>21.8</b>	<b>23.8</b>	<b>22.4</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.

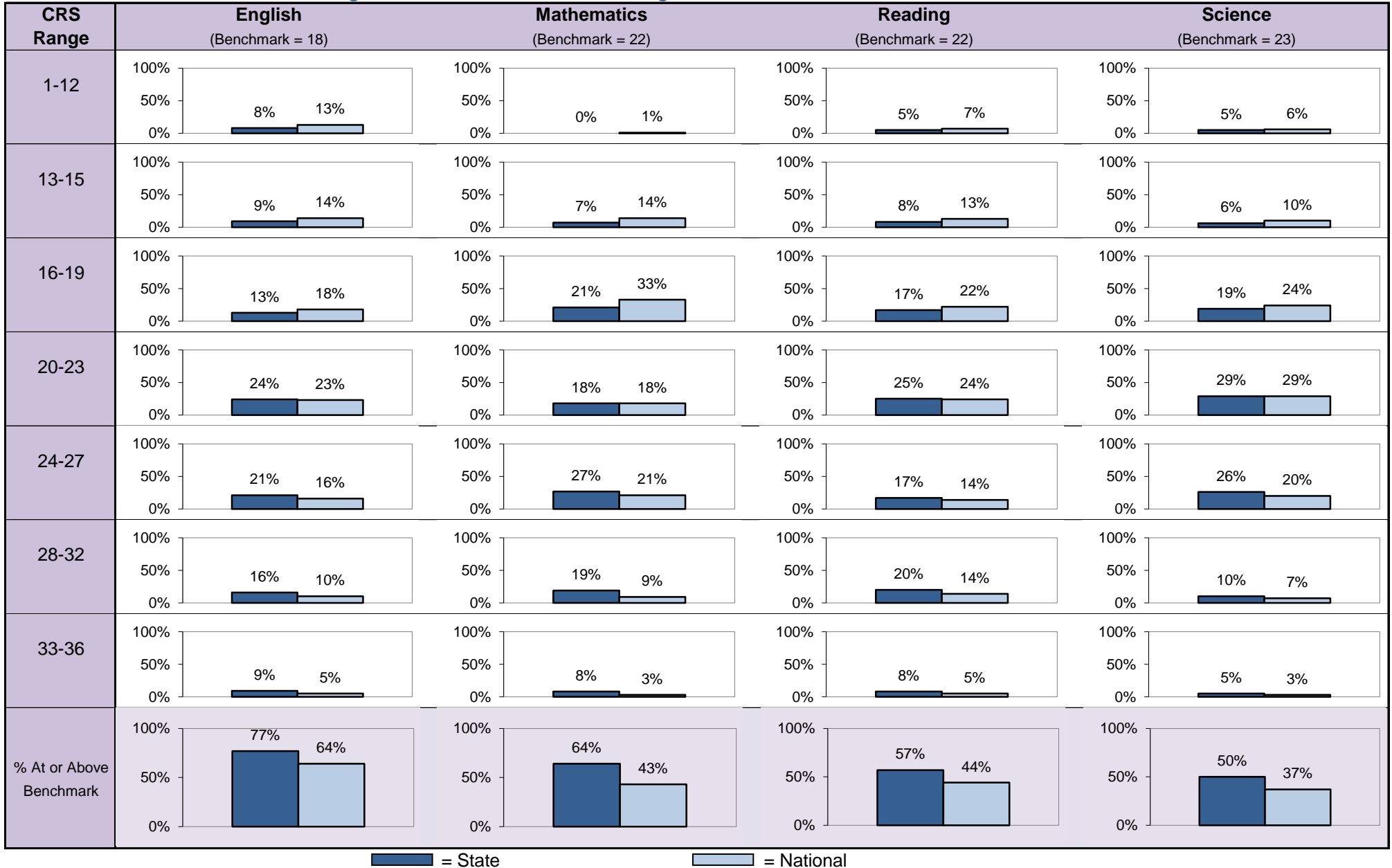
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>19,177</b>	<b>100</b>	<b>23.2</b>	<b>20,796</b>	<b>100</b>	<b>23.2</b>	<b>22,179</b>	<b>100</b>	<b>23.4</b>	<b>24,202</b>	<b>100</b>	<b>23.0</b>	<b>26,182</b>	<b>100</b>	<b>23.1</b>
Black/African American	1,621	8	18.2	1,830	9	18.1	1,867	8	18.3	2,440	10	17.3	2,666	10	17.5
American Indian/Alaska Native	36	0	21.5	41	0	20.0	54	0	19.7	58	0	20.3	46	0	20.6
White	12,733	66	23.7	13,564	65	23.8	14,217	64	23.9	14,289	59	24.0	15,125	58	24.1
Hispanic/Latino	1,278	7	20.9	1,673	8	20.9	1,915	9	21.2	2,702	11	20.2	3,072	12	20.5
Asian	1,462	8	25.9	1,689	8	26.2	1,835	8	26.2	1,777	7	26.3	2,147	8	26.4
Native Hawaiian/Other Pacific Islander	0	0	.	27	0	22.7	49	0	23.1	54	0	23.1	63	0	23.3
Two or more races	455	2	22.9	393	2	23.4	525	2	23.4	527	2	23.6	658	3	23.8
Prefer not to respond/No response	1,592	8	23.8	1,579	8	24.1	1,717	8	24.5	2,355	10	23.4	2,405	9	23.2

Total Students in Report: 26,182

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



Total Students in Report: 26,182

**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	24,897	95	22.9	23.9	23.2	22.5	23.2
	Extended Time	1,285	5	20.0	20.6	22.1	20.6	21.0
	Total	26,182	100	22.8	23.7	23.1	22.4	23.1
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	78	66	57	50	41
	Extended Time	62	40	51	36	28
	Total	77	64	57	50	40
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: 26,182

**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	127	100	217	100	251	100	297	100	36	100	36
35	722	100	508	99	354	99	333	99	214	100	35
34	817	97	677	97	667	98	425	98	422	99	34
33	759	94	659	95	804	95	359	96	570	97	33
32	671	91	613	92	1,154	92	376	95	666	95	32
31	641	88	608	90	1,065	88	606	93	838	93	31
30	1,014	86	763	87	1,083	84	522	91	988	90	30
29	854	82	1,346	85	943	79	354	89	1,158	86	29
28	949	79	1,538	79	982	76	789	88	1,240	81	28
27	1,087	75	1,576	74	1,054	72	1,642	84	1,470	77	27
26	1,251	71	1,950	68	1,059	68	1,160	78	1,490	71	26
25	1,557	66	1,895	60	1,145	64	2,056	74	1,672	65	25
24	1,716	60	1,776	53	1,209	60	1,985	66	1,769	59	24
23	1,435	54	1,686	46	1,812	55	2,065	58	1,758	52	23
22	1,594	48	1,055	40	1,258	48	1,911	50	1,711	45	22
21	1,633	42	1,004	36	2,087	43	1,764	43	1,639	39	21
20	1,538	36	939	32	1,466	35	1,764	36	1,436	33	20
19	1,073	30	932	28	1,300	30	1,750	30	1,319	27	19
18	843	26	1,304	25	1,149	25	1,142	23	1,186	22	18
17	725	23	1,548	20	1,047	20	1,131	19	1,082	18	17
16	885	20	1,674	14	887	16	900	14	859	13	16
15	1,077	16	1,078	7	757	13	600	11	746	10	15
14	738	12	513	3	793	10	594	9	683	7	14
13	501	9	220	1	637	7	475	6	563	5	13
12	448	8	60	1	554	5	381	5	394	3	12
11	525	6	31	1	340	3	296	3	182	1	11
10	452	4	3	1	170	1	200	2	54	1	10
9	282	2	3	1	76	1	183	1	24	1	9
8	146	1	3	1	10	1	59	1	6	1	8
7	74	1	1	1	31	1	23	1	3	1	7
6	23	1	2	1	18	1	13	1	1	1	6
5	16	1	0	1	9	1	14	1	3	1	5
4	4	1	0	1	6	1	3	1	0	1	4
3	2	1	0	1	0	1	4	1	0	1	3
2	0	1	0	1	3	1	6	1	0	1	2
1	3	1	0	1	2	1	0	1	0	1	1
Avg (SD)	22.8 (6.7)		23.7 (5.7)		23.1 (6.4)		22.4 (5.7)		23.1 (5.6)		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: 26,182

**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	2,008	100	547	100	906	100	1,333	100	2,273	100	519	100	571	100	18
17	2,311	92	779	98	1,917	97	2,333	95	2,039	91	943	98	392	98	17
16	1,521	84	1,794	95	2,283	89	2,235	86	2,342	84	1,358	94	2,296	96	16
15	1,821	78	2,721	88	1,497	80	1,773	77	2,017	75	2,630	89	2,654	88	15
14	1,487	71	2,579	78	2,761	75	1,775	71	2,384	67	3,213	79	2,612	77	14
13	2,291	65	2,756	68	2,294	64	2,171	64	2,994	58	3,189	67	3,211	67	13
12	2,079	56	2,745	57	2,142	55	2,558	56	2,831	46	3,553	55	2,568	55	12
11	2,290	48	2,740	47	2,344	47	2,290	46	1,660	36	2,138	41	3,141	45	11
10	2,419	40	2,148	36	2,475	38	1,843	37	1,499	29	3,168	33	2,409	33	10
9	2,045	30	2,187	28	1,919	29	2,651	30	1,642	23	1,914	21	2,420	24	9
8	1,516	23	1,798	20	2,103	22	1,331	20	1,633	17	1,574	14	1,771	15	8
7	1,137	17	984	13	1,574	14	1,324	15	1,444	11	864	8	876	8	7
6	1,096	12	859	9	927	8	868	10	794	5	434	4	480	5	6
5	919	8	737	6	549	4	1,067	6	406	2	383	3	347	3	5
4	624	5	589	3	257	2	357	2	131	1	89	1	180	2	4
3	446	2	171	1	118	1	174	1	70	1	164	1	125	1	3
2	147	1	40	1	76	1	92	1	22	1	10	1	79	1	2
1	25	1	8	1	40	1	7	1	1	1	39	1	50	1	1
Avg (SD)	11.7 (4.1)		11.5 (3.4)		11.7 (3.6)		11.8 (3.8)		12.5 (3.6)		11.9 (3.0)		11.8 (3.1)		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)	28	28	26	27	
Q2 (50th Percentile)	23	24	23	22	23
Q1 (25th Percentile)	18	19	19	19	19

Total Students in Report: 26,182

**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>26,182</b>	<b>54</b>	<b>23.8</b>	<b>22.4</b>
	Black/African American	2,666	45	18.3	17.0
	American Indian/Alaska Native	46	50	22.1	19.5
	White	15,125	59	24.4	23.8
	Hispanic/Latino	3,072	47	21.5	19.7
	Asian	2,147	54	26.8	25.9
	Native Hawaiian/Other Pac. Isl.	63	54	24.6	21.8
	Two or more races	658	54	24.4	23.2
	Prefer not/No Response	2,405	49	25.0	22.3
National	<b>All Students</b>	<b>1,845,787</b>	<b>73</b>	<b>21.8</b>	<b>18.9</b>
	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

<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>	22.8	23.7	23.1	22.4	23.1
	Black/African American	16.4	18.5	17.6	17.1	17.5
	American Indian/Alaska Native	19.7	21.4	21.6	19.5	20.6
	White	24.0	24.5	24.2	23.3	24.1
	Hispanic/Latino	19.6	21.3	20.5	20.0	20.5
	Asian	26.4	27.9	25.6	25.3	26.4
	Native Hawaiian/Other Pac. Isl.	22.9	24.1	23.1	22.4	23.3
	Two or more races	23.6	24.1	24.1	23.0	23.8
	Prefer not/No Response	22.9	23.7	23.4	22.5	23.2
National	<b>All Students</b>	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: 26,182

**Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges**

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	2,425	9	2,061	8	2,076	8	1,414	5
	28 to 32	4,129	16	4,868	19	5,227	20	2,647	10
	24 to 27	5,611	21	7,197	27	4,467	17	6,843	26
	20 to 23	6,200	24	4,684	18	6,623	25	7,504	29
	16 to 19	3,526	13	5,458	21	4,383	17	4,923	19
	13 to 15	2,316	9	1,811	7	2,187	8	1,669	6
	01 to 12	1,975	8	103	0	1,219	5	1,182	5
National	33 to 36	92,922	5	55,103	3	97,714	5	55,222	3
	28 to 32	185,768	10	174,260	9	257,722	14	128,357	7
	24 to 27	302,723	16	383,630	21	263,034	14	367,160	20
	20 to 23	431,178	23	336,283	18	445,726	24	542,581	29
	16 to 19	330,518	18	616,601	33	409,685	22	448,064	24
	13 to 15	264,127	14	266,401	14	240,948	13	186,262	10
	01 to 12	238,551	13	13,509	1	130,958	7	118,141	6

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	11,705	45	22.6	24.4	23.0	23.0	23.4
	Females	14,268	54	23.0	23.2	23.3	22.0	23.0
	Missing	209	1	15.0	18.0	16.4	16.4	16.6
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	77	69	56	54	43
	Females	79	62	58	46	38
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

**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>	14,250	83	23.6	70	24.3	62	23.9	54	23.0	44	23.8
	Less than Core	11,470	73	21.9	60	23.2	51	22.3	46	21.8	36	22.4
	Missing <sup>3</sup>	462	42	16.9	29	18.9	33	18.9	26	18.5	19	18.4
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

<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>	25,100	79	23.0	25,410	66	23.9	14,883	61	23.8	24,702	51	22.6
	Less than Core	673	37	16.3	347	15	17.2	10,862	52	22.4	1,058	23	18.5
	Missing <sup>3</sup>	409	45	17.3	425	30	19.0	437	34	19.0	422	28	18.7
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

<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.

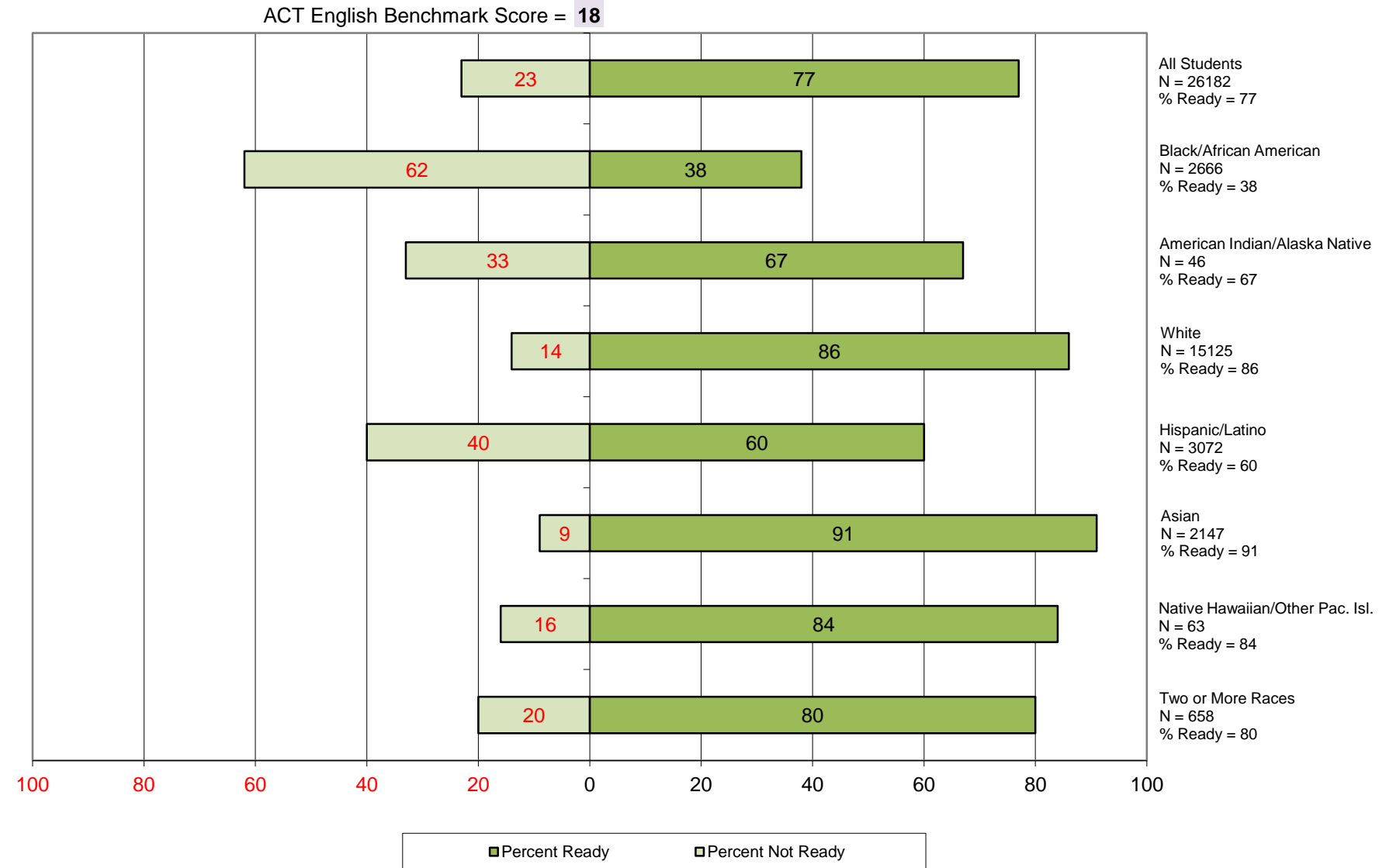
# Section III

## 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



Total Students in Report: 26,182

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

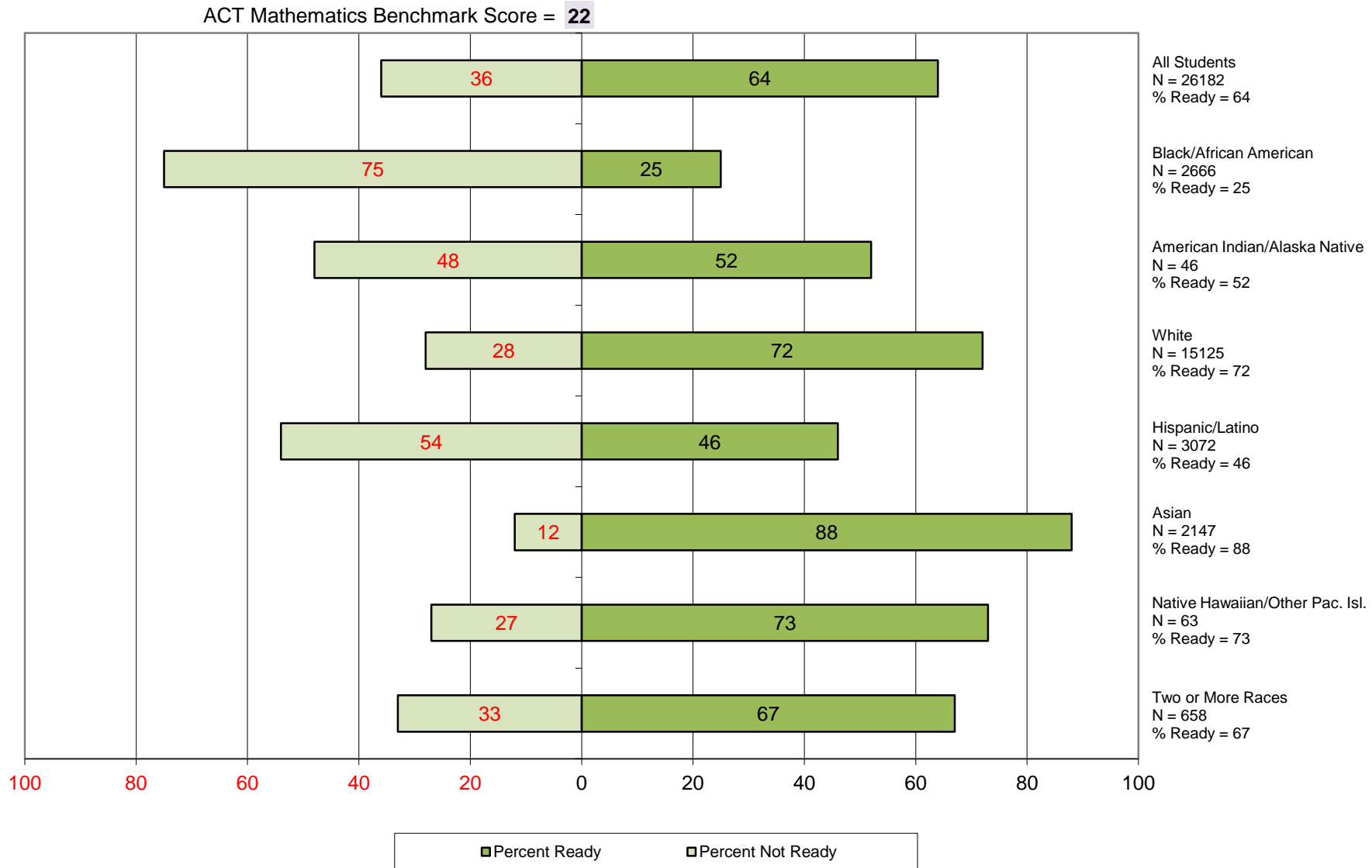


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

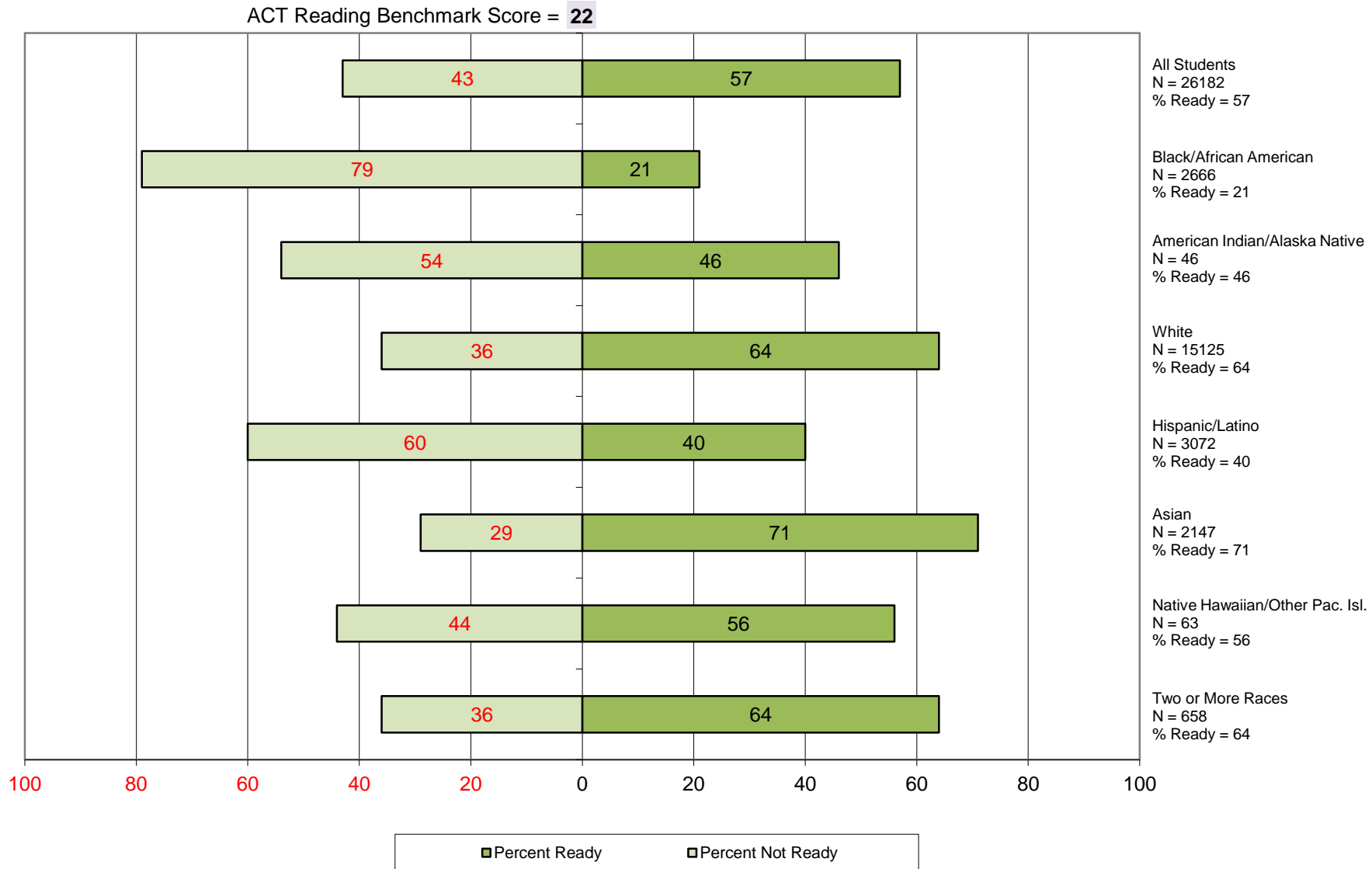
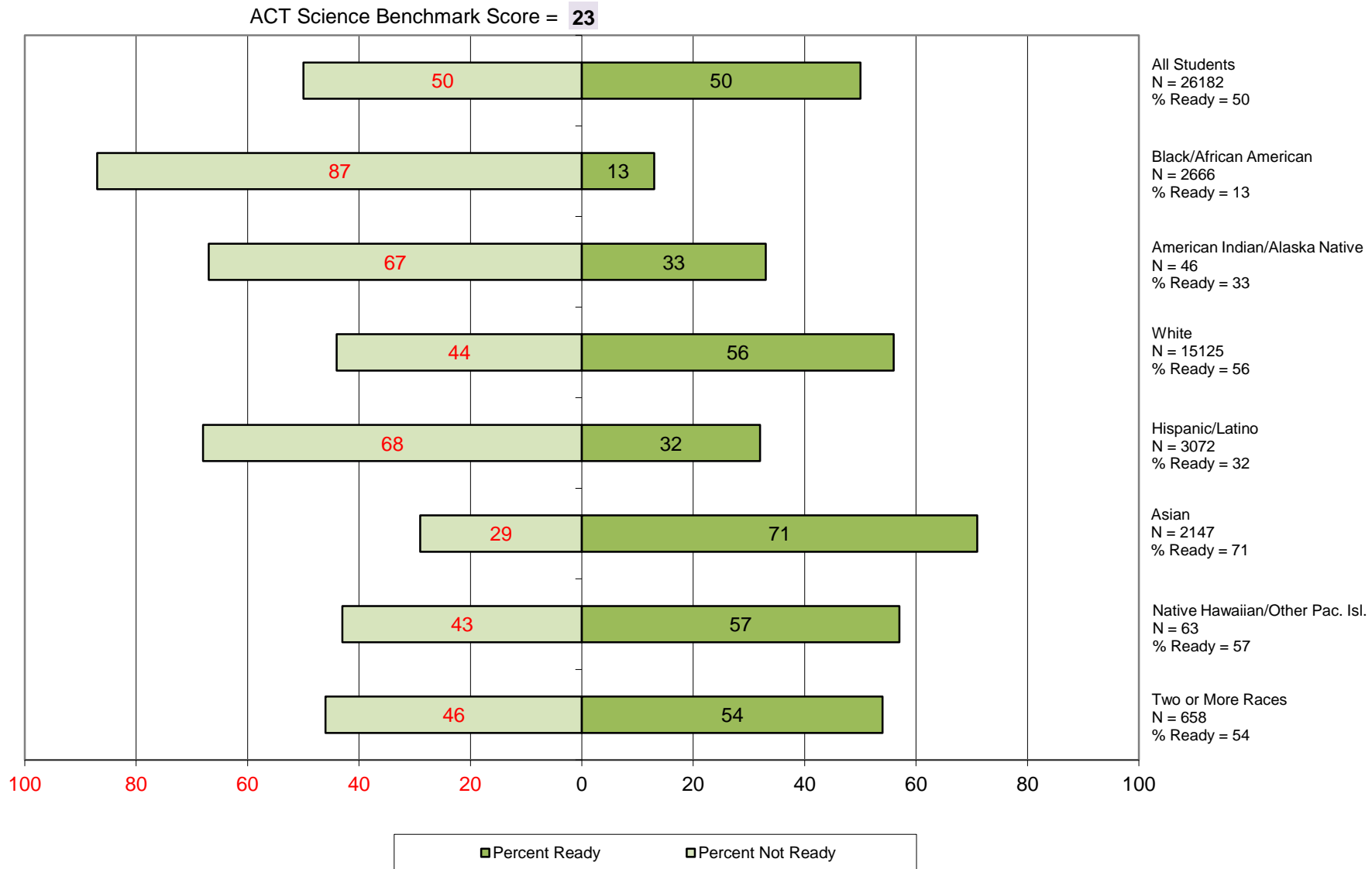
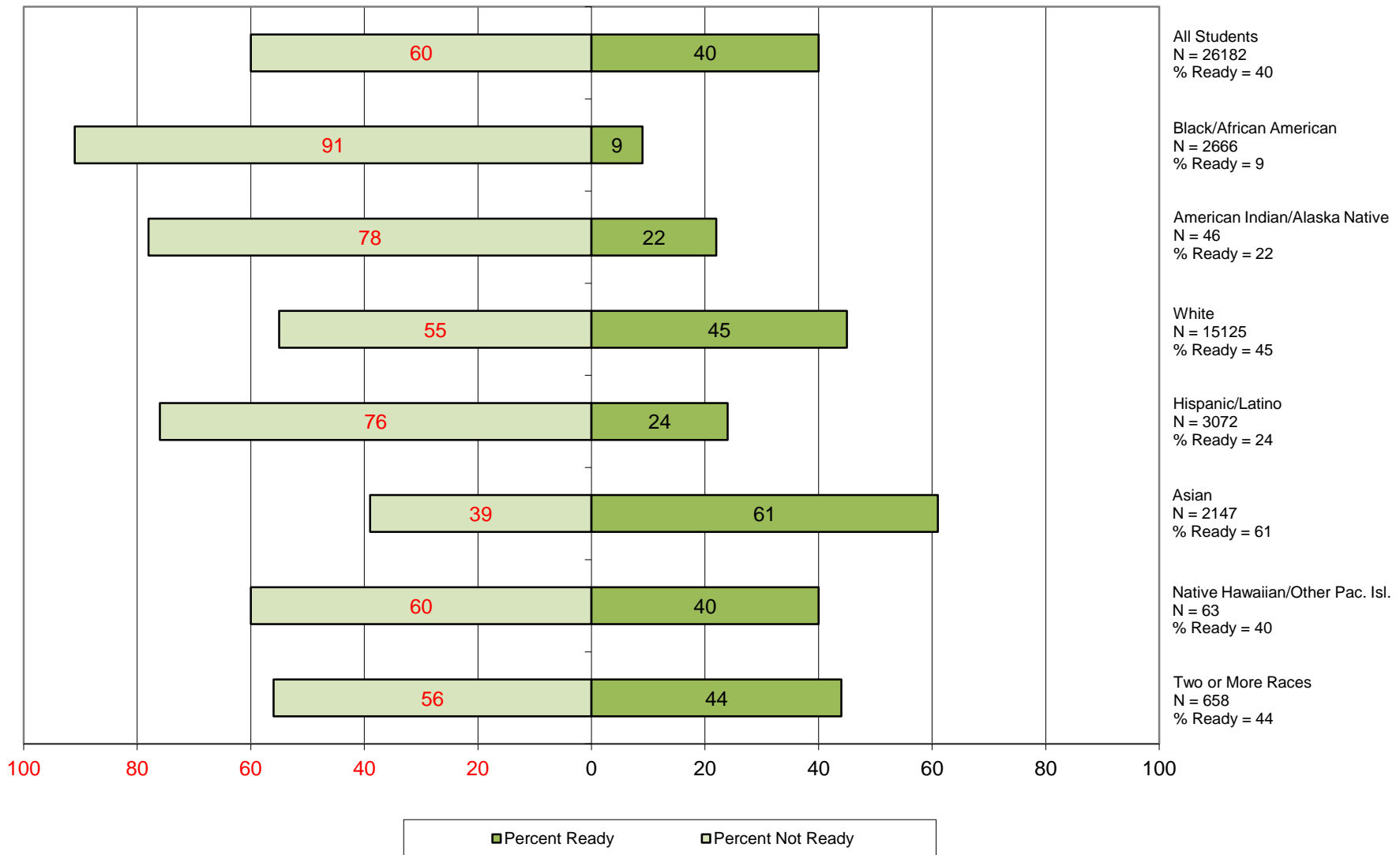


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Total Students in Report: 26,182

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





Total Students in Report: 26,182

**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	5,493	21	23.6	7.3	2,300	20	23.2	7.0	3,184	22	23.9	7.2
Eng 9, Eng 10, Eng 11, Eng 12	19,607	75	22.9	6.6	8,878	76	22.8	6.6	10,594	74	23.0	6.3
Less than 4 years of English	673	3	16.3	-	319	3	16.2	-	320	2	16.7	-
Zero years / no English courses reported	409	2	17.3	-	208	2	18.3	-	170	1	17.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	2,526	10	25.9	8.7	1,067	9	26.5	9.3	1,449	10	25.5	8.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,718	7	22.1	4.9	672	6	22.4	5.2	1,044	7	22.0	4.6
Alg 1, Alg 2, Geom, & Trig	1,341	5	20.4	3.2	533	5	20.9	3.7	804	6	20.1	2.7
Alg 1, Alg 2, Geom, & Other Adv Math	3,648	14	20.6	3.4	1,322	11	20.9	3.7	2,257	16	20.5	3.1
Other comb of 4 or more years of Math	12,586	48	26.1	8.9	6,176	53	26.8	9.6	6,364	45	25.5	8.1
Alg 1, Alg 2, & Geom	2,044	8	18.0	0.8	853	7	18.0	0.8	1,164	8	18.1	0.7
Other comb of 3 or 3.5 years of Math	1,547	6	22.7	5.5	689	6	22.7	5.5	848	6	22.8	5.4
Less than 3 years of Math	347	1	17.2	-	173	1	17.2	-	162	1	17.4	-
Zero years / no Math courses reported	425	2	19.0	-	220	2	20.0	-	176	1	18.4	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	873	3	23.5	1.1	454	4	22.9	0.7	417	3	24.2	1.5
Other comb of 4 or more years Social Science	6,250	24	23.7	1.3	3,109	27	23.6	1.4	3,131	22	23.8	1.1
US Hist, World Hist, & Am Gov	959	4	23.8	1.4	477	4	23.5	1.3	478	3	24.1	1.4
Other comb of 3 or 3.5 years of Social Science	6,801	26	23.8	1.4	2,889	25	23.8	1.6	3,890	27	23.9	1.2
Less than 3 years of Social Science	10,862	41	22.4	-	4,552	39	22.2	-	6,173	43	22.7	-
Zero years / no Social Science courses reported	437	2	19.0	-	224	2	19.9	-	179	1	19.1	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	14,567	56	23.1	4.6	6,914	59	23.7	5.6	7,578	53	22.6	3.8
Bio, Chem, Phys	5,352	20	24.1	5.6	2,392	20	25.0	6.9	2,885	20	23.5	4.7
Gen Sci <sup>2</sup> , Bio, Chem	4,598	18	19.7	1.2	1,652	14	19.3	1.2	2,941	21	19.9	1.1
Other comb of 3 years of Natural Science	185	1	18.2	-0.3	92	1	18.6	0.5	82	1	17.7	-1.1
Less than 3 years of Natural Science	1,058	4	18.5	-	438	4	18.1	-	608	4	18.8	-
Zero years / no Natural Science courses reported	422	2	18.7	-	217	2	19.8	-	174	1	18.3	-

<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: 26,182

**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	5,493	21	23.6	82	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	19,607	75	22.9	78	1,305,220	71	20.5	65
Less than 4 years of English	673	3	16.3	37	88,420	5	15.9	36
Zero years / no English courses reported	409	2	17.3	45	81,272	4	16.3	38
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	2,526	10	25.9	83	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,718	7	22.1	58	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	1,341	5	20.4	41	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	3,648	14	20.6	43	356,555	19	19.4	31
Other comb of 4 or more years of Math	12,586	48	26.1	81	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	2,044	8	18.0	19	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	1,547	6	22.7	60	90,105	5	19.8	35
Less than 3 years of Math	347	1	17.2	15	74,627	4	16.4	8
Zero years / no Math courses reported	425	2	19.0	30	84,966	5	17.8	19
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	873	3	23.5	59	48,992	3	22.3	50
Other comb of 4 or more years Social Science	6,250	24	23.7	61	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	959	4	23.8	60	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	6,801	26	23.8	61	504,877	27	21.3	43
Less than 3 years of Social Science	10,862	41	22.4	52	180,385	10	19.4	32
Zero years / no Social Science courses reported	437	2	19.0	34	85,294	5	17.8	24
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	14,567	56	23.1	55	781,043	42	22.1	46
Bio, Chem, Phys	5,352	20	24.1	63	199,419	11	23.1	54
Gen Sci <sup>1</sup> , Bio, Chem	4,598	18	19.7	27	505,460	27	20.0	28
Other comb of 3 years of Natural Science	185	1	18.2	15	52,236	3	19.2	24
Less than 3 years of Natural Science	1,058	4	18.5	23	220,701	12	18.1	17
Zero years / no Natural Science courses reported	422	2	18.7	28	86,928	5	17.7	17

<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: 26,182

**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	130	0	22.8	4	1	15.0	113	1	22.8
Architecture	260	1	22.9	1	0	11.0	226	1	22.8
Area, Ethnic, & Multidisciplinary Studies	27	0	25.1	0	0	.	25	0	25.3
Arts: Visual & Performing	1,297	5	21.0	42	12	13.4	1,109	5	21.2
Business	3,889	15	23.2	68	20	18.2	3,347	15	23.2
Communications	923	4	22.4	13	4	17.5	801	4	22.5
Community, Family, & Personal Services	373	1	18.2	26	8	14.2	317	1	18.6
Computer Science & Mathematics	748	3	25.0	10	3	17.8	656	3	25.0
Education	1,272	5	20.8	8	2	15.3	1,145	5	20.9
Engineering	2,348	9	25.9	18	5	14.3	2,068	9	25.9
Engineering Technology & Drafting	203	1	21.1	14	4	16.1	173	1	21.4
English & Foreign Languages	232	1	25.6	1	0	12.0	201	1	25.7
Health Administration & Assisting	392	1	19.9	8	2	16.5	339	2	20.0
Health Sciences & Technologies	3,553	14	22.7	24	7	16.0	3,206	14	22.7
Philosophy, Religion, & Theology	45	0	21.6	2	1	19.0	41	0	21.7
Repair, Production, & Construction	57	0	16.5	15	4	14.1	37	0	17.9
Sciences: Biological & Physical	2,572	10	25.2	5	1	20.8	2,281	10	25.0
Social Sciences & Law	2,324	9	22.2	13	4	15.5	2,088	9	22.2
Undecided	5,030	19	23.7	46	13	17.8	3,903	18	23.5
No Response	491	2	17.0	19	6	12.3	92	0	17.2

<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: 26,182

**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	153	17.2	45	13.3	0	.	48	22.1	29	13.9
2-yr College Degree	189	14.9	69	13.1	1	12.0	43	17.8	42	14.2
Bachelors Degree	9,443	21.3	1,018	16.1	21	21.0	6,062	22.4	1,109	19.0
Graduate Study	6,736	24.5	479	19.4	9	22.6	4,360	25.1	680	22.7
Prof. Level Degree	6,000	24.7	736	19.4	10	21.6	2,795	26.2	859	21.8
Other	309	20.0	36	15.1	1	9.0	148	22.4	51	16.4
No Response	3,352	23.7	283	16.9	4	17.3	1,669	24.9	302	19.3

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	153	17.2	8	20.0	0	.	4	17.0	19	17.8
2-yr College Degree	189	14.9	6	18.8	1	11.0	6	18.3	21	14.6
Bachelors Degree	9,443	21.3	421	23.8	17	21.8	219	21.8	576	20.8
Graduate Study	6,736	24.5	463	26.4	21	23.5	179	24.8	545	24.7
Prof. Level Degree	6,000	24.7	829	27.3	19	24.8	174	25.3	578	25.3
Other	309	20.0	28	21.2	1	23.0	8	21.9	36	19.0
No Response	3,352	23.7	392	27.9	4	24.8	68	25.1	630	23.0

Total Students in Report: 26,182

**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
RUTGERS THE ST UNIV OF NEW JERSEY	New Jersey	2,298	883	1,415	6	15	20	27	22	10	2
MONTCLAIR STATE UNIVERSITY	New Jersey	1,007	260	747	7	18	31	30	11	2	0
ROWAN UNIVERSITY	New Jersey	652	170	482	1	9	26	35	21	8	0
KEAN UNIVERSITY	New Jersey	589	155	434	12	29	32	19	7	1	0
COLLEGE OF NEW JERSEY THE	New Jersey	540	142	398	1	4	12	30	34	16	3
SETON HALL UNIVERSITY	New Jersey	517	100	417	6	15	30	28	15	6	0
WILLIAM PATERSON UNIVERSITY	New Jersey	473	119	354	7	22	34	26	8	3	0
UNIVERSITY OF DELAWARE	Delaware	460	105	355	0	2	14	32	37	13	1
RICHARD STOCKTON COLLEGE OF NEW JERSEY	New Jersey	447	158	289	2	11	33	35	16	3	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	406	80	326	1	6	16	24	33	17	3
NEW JERSEY INSTITUTE OF TECHNOLOGY	New Jersey	391	102	289	9	17	20	24	20	6	3
MONMOUTH UNIVERSITY	New Jersey	348	87	261	1	14	32	36	14	4	0
NEW YORK UNIVERSITY	New York	347	106	241	4	7	13	21	27	24	4
RAMAPO COLLEGE OF NEW JERSEY	New Jersey	341	97	244	4	11	32	33	16	4	0
DREXEL UNIVERSITY	Pennsylvania	337	84	253	0	4	10	29	36	19	2
RIDER UNIVERSITY	New Jersey	316	63	253	3	16	35	27	16	3	0
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	288	112	176	0	3	6	18	23	37	13
NCAA ELIGIBILITY CENTER	Indiana	287	177	110	2	9	27	23	22	14	3
PRINCETON UNIVERSITY	New Jersey	283	100	183	3	9	16	16	19	24	12
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	243	61	182	0	2	6	21	43	22	7
TEMPLE UNIVERSITY	Pennsylvania	241	72	169	3	12	32	26	20	7	0
VILLANOVA UNIVERSITY	Pennsylvania	230	51	179	0	0	6	17	37	37	4
ESSEX COUNTY COLLEGE	New Jersey	229	83	146	37	40	20	3	0	0	0
BOSTON UNIVERSITY	Massachusetts	228	56	172	0	0	5	19	37	32	7
FAIRLEIGH DICKINSON UNIVERSITY	New Jersey	203	41	162	2	19	28	31	16	3	0
NORTHEASTERN UNIVERSITY	Massachusetts	203	45	158	0	0	0	14	33	42	10
STEVENS INSTITUTE OF TECHNOLOGY	New Jersey	194	58	136	0	0	6	28	37	25	4
BLOOMFIELD COLLEGE	New Jersey	190	42	148	31	42	16	8	2	1	0
LEHIGH UNIVERSITY	Pennsylvania	186	48	138	0	0	4	19	32	37	8
STATE-COLLEGE/NO REPORTS NOW	Iowa	170	170	0	28	36	19	12	2	1	0
All Other Institutions		14,564	4,173	10,391	5	11	19	23	22	16	4
<b>Total</b>		<b>27,208</b>	<b>8,000</b>	<b>19,208</b>	<b>5</b>	<b>12</b>	<b>20</b>	<b>25</b>	<b>22</b>	<b>14</b>	<b>3</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: 26,182

**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>22,361</b>	<b>976,031</b>	<b>23.3</b>	<b>21.3</b>	<b>7.9</b>	<b>7.1</b>	<b>22.9</b>	<b>20.6</b>
Black/African American	2,172	114,263	16.7	16.4	7.1	6.3	17.3	16.3
American Indian/Alaska Native	42	6,408	20.1	16.8	7.8	6.2	20.4	16.5
White	12,798	520,054	24.5	23.1	8.1	7.3	23.9	22.1
Hispanic/Latino	2,633	167,575	19.9	18.5	7.6	6.9	20.0	18.4
Asian	1,963	61,663	26.8	23.7	8.4	7.7	25.9	22.9
Native Hawaiian/Other Pac. Isl.	56	3,742	23.7	17.7	8.2	6.6	23.4	17.6
Two or more races	572	39,565	24.2	21.4	8.1	7.1	23.6	20.7
Prefer not/No Response	2,125	62,761	23.4	21.6	7.9	7.1	22.9	20.9
Males	9,795	438,500	23.3	21.1	7.8	6.9	22.7	20.2
Females	12,369	530,240	23.4	21.6	8.1	7.3	23.1	21.1
Missing	197	7,291	15.3	16.0	6.9	5.9	16.1	15.7





