



# Profile Report - State

Graduating Class 2015

Maine





## 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

47% 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:** 1,434 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. 65% 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 2% of the cohort took less than three years of math courses. Of these students, 50% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 20% 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 3% of the cohort took less than three years of natural science courses. 28% of these students were college ready. In comparison, 60% 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 25% 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

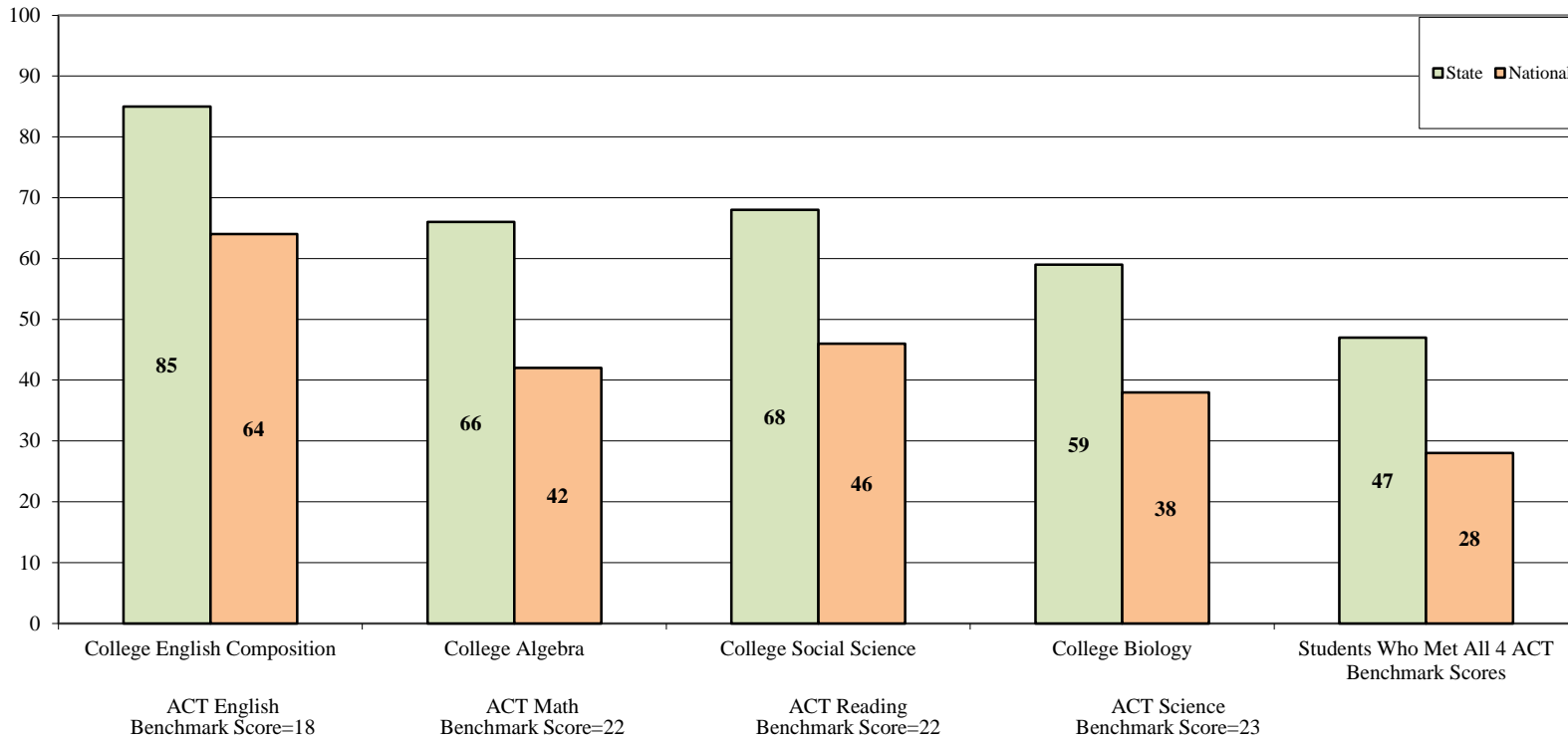
## Executive Summary

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: 1,434

**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	1,476	1,623,112	82	66	63	45	68	52	40	30	35	25
2012	1,470	1,666,017	84	67	65	46	70	52	43	31	39	25
2013	1,283	1,799,243	83	64	64	44	62	44	53	36	41	26
2014	1,276	1,845,787	84	64	65	43	61	44	53	37	40	26
<b>2015</b>	<b>1,434</b>	<b>1,924,436</b>	<b>85</b>	<b>64</b>	<b>66</b>	<b>42</b>	<b>68</b>	<b>46</b>	<b>59</b>	<b>38</b>	<b>47</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	1,476	1,623,112	23.3	20.6	23.2	21.1	23.8	21.3	22.5	20.9	23.3	21.1
2012	1,470	1,666,017	23.5	20.5	23.3	21.1	23.7	21.3	22.7	20.9	23.4	21.1
2013	1,283	1,799,243	23.4	20.2	23.3	20.9	23.8	21.1	22.9	20.7	23.5	20.9
2014	1,276	1,845,787	23.3	20.3	23.6	20.9	24.1	21.3	22.8	20.8	23.6	21.0
<b>2015</b>	<b>1,434</b>	<b>1,924,436</b>	<b>24.2</b>	<b>20.4</b>	<b>23.9</b>	<b>20.8</b>	<b>24.6</b>	<b>21.4</b>	<b>23.6</b>	<b>20.9</b>	<b>24.2</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: 1,434

**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	998	438	68	30	23.2	23.8	23.0	23.8	23.7	24.2	22.4	23.0	23.2	23.8
2012	1,000	425	68	29	23.5	23.5	23.2	23.7	23.8	23.7	22.6	23.0	23.4	23.6
2013	873	389	68	30	23.6	23.2	23.3	23.6	24.0	23.6	22.9	23.0	23.6	23.5
2014	866	391	68	31	23.4	23.0	23.5	23.7	24.2	23.7	22.9	22.6	23.7	23.4
<b>2015</b>	<b>927</b>	<b>485</b>	<b>65</b>	<b>34</b>	<b>24.5</b>	<b>23.5</b>	<b>24.0</b>	<b>23.6</b>	<b>24.9</b>	<b>24.1</b>	<b>23.7</b>	<b>23.3</b>	<b>24.4</b>	<b>23.8</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.

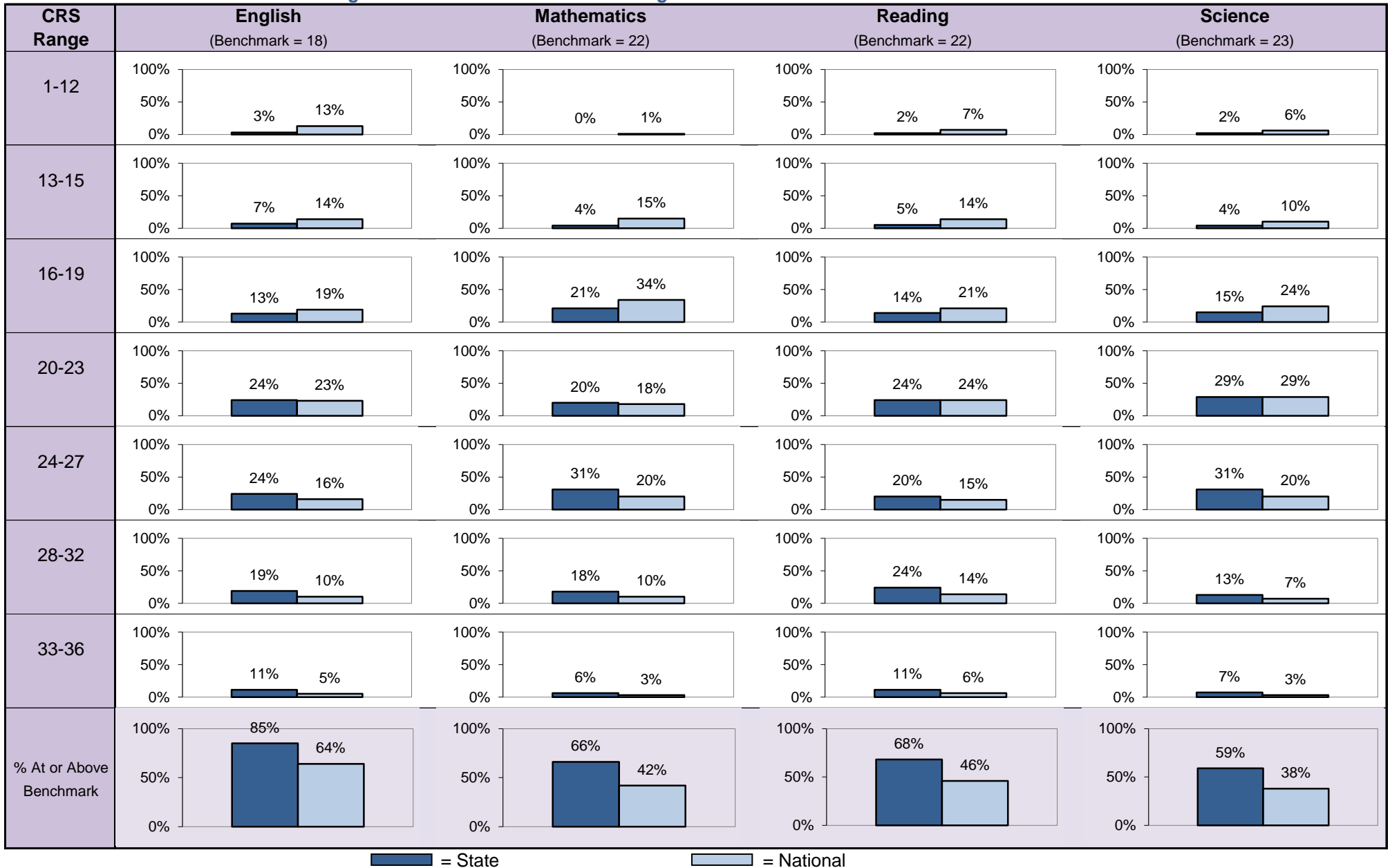
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**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>1,476</b>	<b>100</b>	<b>23.3</b>	<b>1,470</b>	<b>100</b>	<b>23.4</b>	<b>1,283</b>	<b>100</b>	<b>23.5</b>	<b>1,276</b>	<b>100</b>	<b>23.6</b>	<b>1,434</b>	<b>100</b>	<b>24.2</b>
Black/African American	38	3	17.0	22	1	17.8	22	2	20.6	29	2	18.7	31	2	20.4
American Indian/Alaska Native	4	0	18.3	3	0	16.3	3	0	24.3	4	0	19.3	4	0	22.8
White	1,224	83	23.5	1,224	83	23.6	1,052	82	23.6	1,013	79	23.7	1,162	81	24.3
Hispanic/Latino	29	2	23.5	31	2	22.6	30	2	21.0	32	3	23.4	29	2	21.4
Asian	49	3	22.8	56	4	23.1	63	5	23.0	79	6	23.2	83	6	24.4
Native Hawaiian/Other Pacific Islander	0	0	.	1	0	24.0	1	0	23.0	1	0	23.0	0	0	.
Two or more races	24	2	22.6	33	2	22.5	20	2	23.1	30	2	23.5	36	3	23.3
Prefer not to respond/No response	108	7	23.6	100	7	23.3	92	7	24.0	88	7	24.3	89	6	24.8

Total Students in Report: 1,434

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



Total Students in Report: 1,434

**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	1,381	96	24.2	23.9	24.6	23.5	24.2
	Extended Time	53	4	23.9	23.0	26.5	24.3	24.5
	Total	1,434	100	24.2	23.9	24.6	23.6	24.2
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	85	67	67	59	47
	Extended Time	83	55	79	66	45
	Total	85	66	68	59	47
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: 1,434

**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	5	100	9	100	28	100	16	100	0	100	36
35	44	100	24	99	23	98	19	99	10	100	35
34	61	97	20	98	51	96	31	98	21	99	34
33	50	92	27	96	53	93	28	95	31	98	33
32	49	89	31	94	76	89	42	93	51	96	32
31	58	85	40	92	67	84	23	91	46	92	31
30	50	81	43	89	92	79	36	89	72	89	30
29	54	78	54	86	53	73	33	86	82	84	29
28	58	74	93	83	55	69	48	84	81	78	28
27	66	70	109	76	47	65	71	81	71	73	27
26	83	65	149	69	72	62	99	76	107	68	26
25	111	60	92	58	75	57	143	69	124	60	25
24	83	52	97	52	92	52	127	59	109	51	24
23	91	46	97	45	90	45	137	50	102	44	23
22	95	40	68	38	94	39	78	41	87	37	22
21	92	33	66	34	84	32	129	35	91	31	21
20	60	27	54	29	81	27	78	26	76	24	20
19	60	23	74	25	72	21	80	21	80	19	19
18	43	18	67	20	59	16	57	15	48	13	18
17	34	15	101	15	41	12	33	11	41	10	17
16	51	13	61	8	30	9	44	9	43	7	16
15	57	9	37	4	38	7	25	6	25	4	15
14	23	6	10	1	14	4	13	4	22	3	14
13	16	4	7	1	20	3	22	3	10	1	13
12	16	3	3	1	18	2	11	2	4	1	12
11	15	2	1	1	3	1	6	1	0	1	11
10	3	1	0	1	4	1	3	1	0	1	10
9	4	1	0	1	1	1	1	1	0	1	9
8	2	1	0	1	1	1	0	1	0	1	8
7	0	1	0	1	0	1	1	1	0	1	7
6	0	1	0	1	0	1	0	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	24.2 (6.1)		23.9 (5.2)		24.6 (6.0)		23.6 (5.2)		24.2 (5.0)		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: 1,434

**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	125	100	46	100	84	100	132	100	104	100	22	100	28	100	18
17	157	91	43	97	114	94	132	91	99	93	32	98	7	98	17
16	98	80	161	94	150	86	161	82	151	86	57	96	117	98	16
15	143	74	135	83	126	76	174	70	128	75	133	92	156	89	15
14	83	64	152	73	98	67	115	58	120	66	229	83	168	79	14
13	115	58	155	63	135	60	127	50	181	58	182	67	198	67	13
12	113	50	173	52	150	51	106	41	167	45	141	54	173	53	12
11	167	42	163	40	140	40	98	34	90	34	198	44	151	41	11
10	115	30	101	28	148	30	91	27	121	27	157	31	168	30	10
9	77	22	133	21	77	20	93	21	90	19	129	20	120	19	9
8	79	17	84	12	117	15	62	14	91	13	79	11	62	10	8
7	65	11	28	6	50	7	62	10	64	6	40	5	30	6	7
6	48	7	24	4	31	3	39	6	22	2	10	2	25	4	6
5	31	3	25	3	6	1	21	3	5	1	13	2	11	2	5
4	14	1	8	1	2	1	15	1	1	1	1	1	8	1	4
3	3	1	2	1	6	1	4	1	0	1	10	1	5	1	3
2	1	1	1	1	0	1	2	1	0	1	0	1	1	1	2
1	0	1	0	1	0	1	0	1	0	1	1	1	6	1	1
Avg (SD)	12.5 (3.7)		12.2 (3.1)		12.5 (3.4)		12.9 (3.7)		12.7 (3.3)		11.9 (2.8)		12.0 (2.9)		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)	29	27	30	26	28
Q2 (50th Percentile)	24	24	24	23	24
Q1 (25th Percentile)	20	19	20	20	21

Total Students in Report: 1,434

**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>1,434</b>	<b>65</b>	<b>24.4</b>	<b>23.8</b>
	Black/African American	31	74	20.5	20.0
	American Indian/Alaska Native	4	50	21.5	28.0
	White	1,162	66	24.5	24.1
	Hispanic/Latino	29	55	22.4	20.2
	Asian	83	54	24.9	23.7
	Native Hawaiian/Other Pac. Isl.	0	.	.	.
	Two or more races	36	50	23.1	23.6
	Prefer not/No Response	89	62	25.6	22.2
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>	24.2	23.9	24.6	23.6	24.2
	Black/African American	20.4	20.0	21.1	19.4	20.4
	American Indian/Alaska Native	22.5	20.5	23.3	24.5	22.8
	White	24.4	23.8	24.9	23.7	24.3
	Hispanic/Latino	21.5	20.6	21.6	21.8	21.4
	Asian	22.8	27.3	22.7	24.1	24.4
	Native Hawaiian/Other Pac. Isl.	.	.	.	.	.
	Two or more races	23.2	22.8	23.7	22.7	23.3
	Prefer not/No Response	24.9	24.3	25.4	24.1	24.8
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: 1,434

**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	160	11	80	6	155	11	94	7
	28 to 32	269	19	261	18	343	24	182	13
	24 to 27	343	24	447	31	286	20	440	31
	20 to 23	338	24	285	20	349	24	422	29
	16 to 19	188	13	303	21	202	14	214	15
	13 to 15	96	7	54	4	72	5	60	4
	01 to 12	40	3	4	0	27	2	22	2
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	606	42	23.7	25.0	24.6	24.4	24.6
	Females	828	58	24.5	23.0	24.7	23.0	23.9
	Missing	0	0	.	.	.	.	.
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	83	74	67	65	51
	Females	86	61	68	56	44
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 1,434

**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>	927	86	24.5	69	24.0	69	24.9	61	23.7	50	24.4
	Less than Core	485	82	23.5	63	23.6	64	24.1	55	23.3	42	23.8
	Missing <sup>3</sup>	22	86	24.0	55	22.8	73	25.5	68	24.1	50	24.3
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>	1,384	85	24.2	1,392	67	23.9	980	68	24.6	1,370	60	23.7
	Less than Core	30	67	21.0	22	50	22.2	433	66	24.6	43	28	20.7
	Missing <sup>3</sup>	20	85	24.2	20	55	22.7	21	71	25.6	21	71	24.3
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

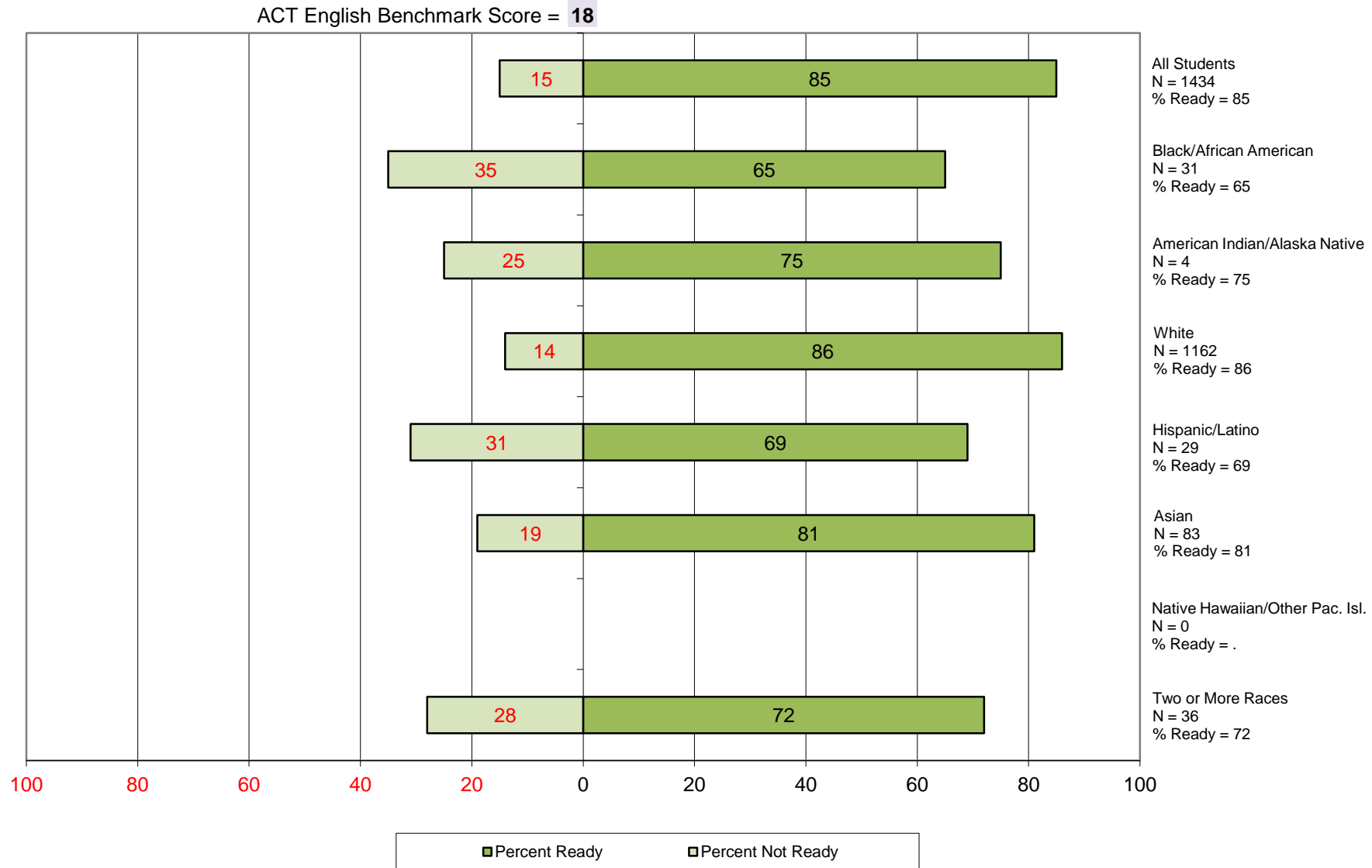


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

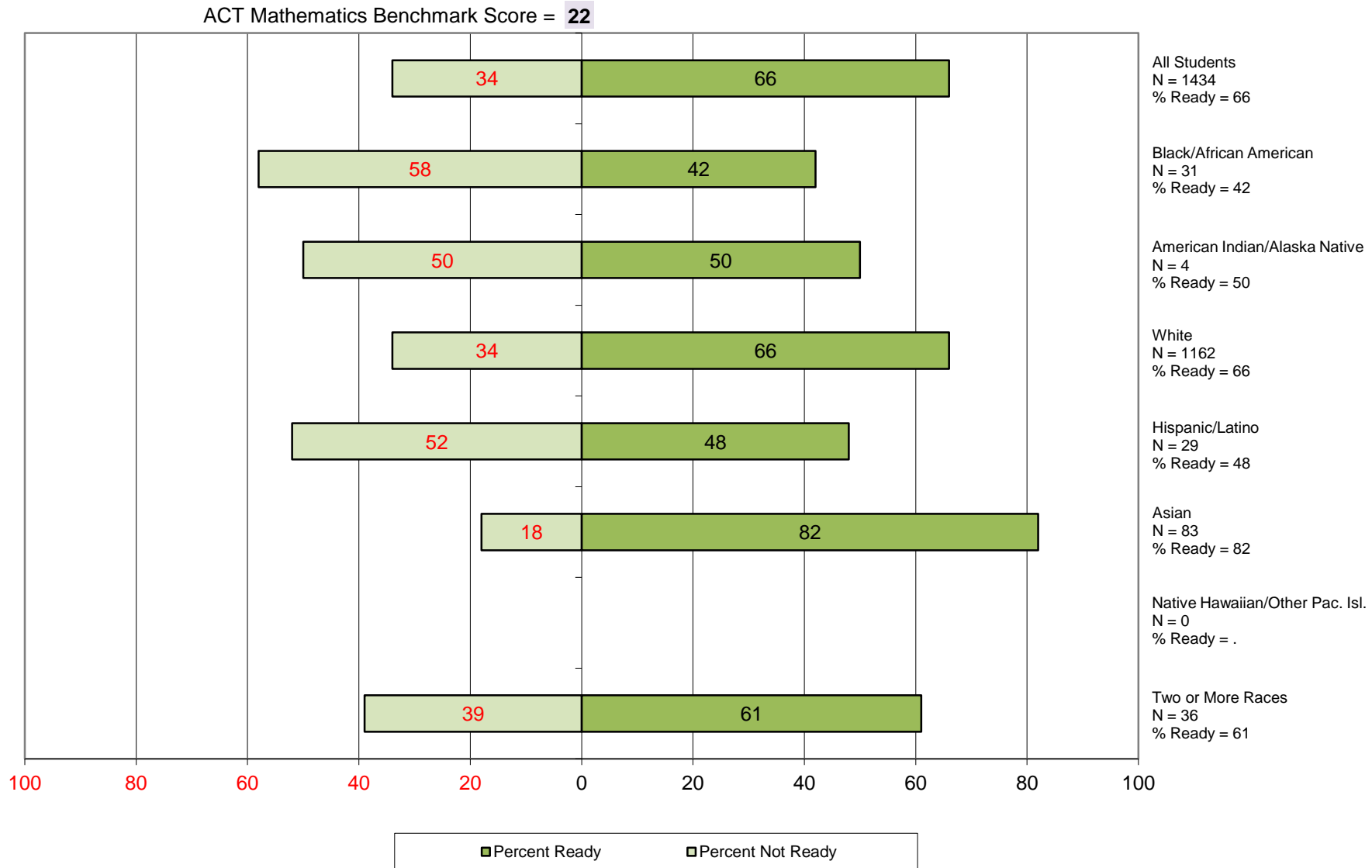


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

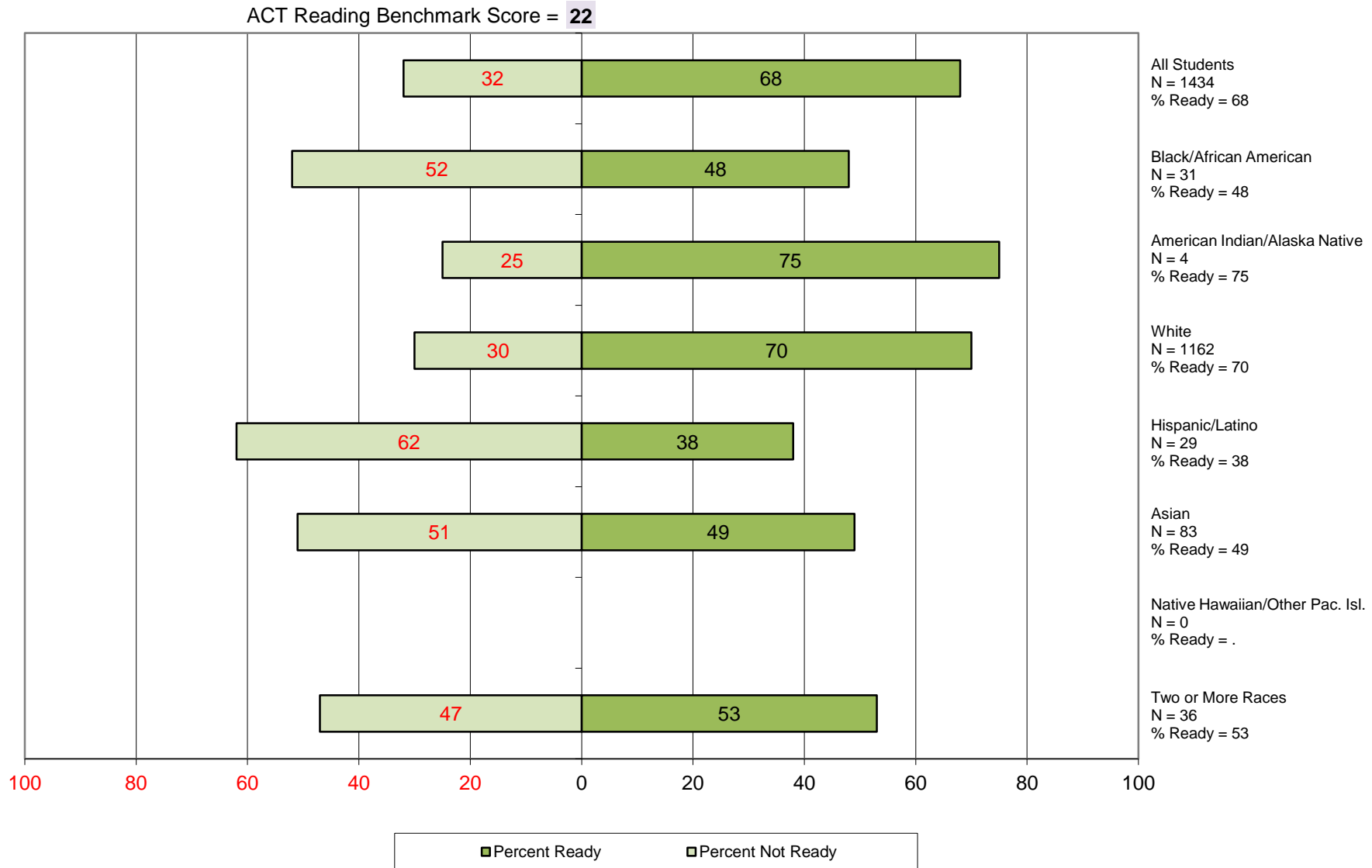


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

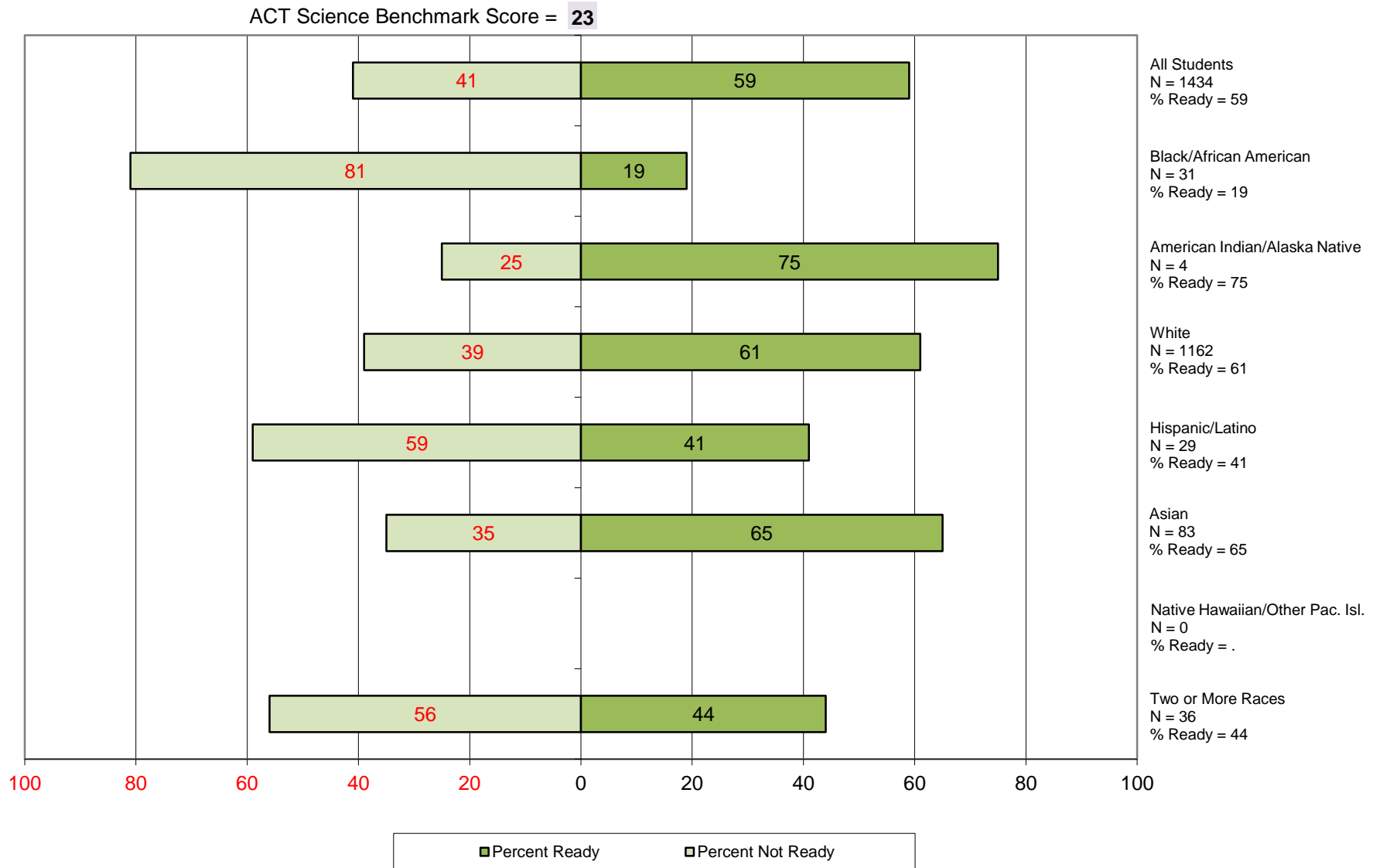
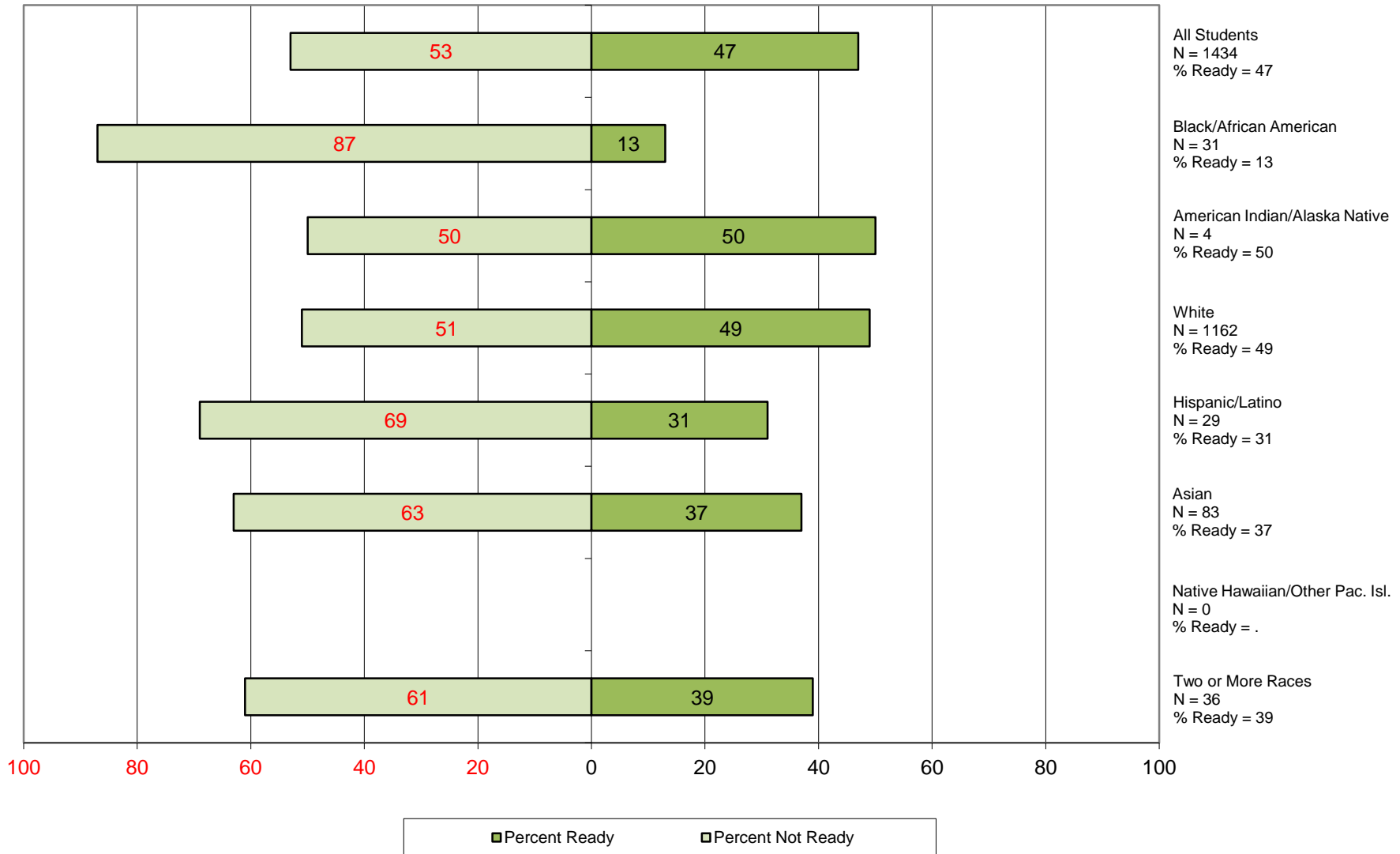


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 1,434

**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	342	24	24.2	3.2	133	22	24.1	4.3	209	25	24.4	2.5
Eng 9, Eng 10, Eng 11, Eng 12	1,042	73	24.2	3.2	449	74	23.8	4.0	593	72	24.6	2.7
Less than 4 years of English	30	2	21.0	-	13	2	19.8	-	17	2	21.9	-
Zero years / no English courses reported	20	1	24.2	-	11	2	22.0	-	9	1	26.9	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	115	8	25.7	3.5	44	7	27.3	4.2	71	9	24.7	4.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	136	9	22.4	0.2	58	10	22.4	-0.7	78	9	22.5	2.0
Alg 1, Alg 2, Geom, & Trig	57	4	20.4	-1.8	24	4	20.6	-2.5	33	4	20.3	-0.2
Alg 1, Alg 2, Geom, & Other Adv Math	268	19	20.8	-1.4	74	12	21.3	-1.8	194	23	20.6	0.1
Other comb of 4 or more years of Math	651	45	26.2	4.0	322	53	27.0	3.9	329	40	25.4	4.9
Alg 1, Alg 2, & Geom	83	6	19.0	-3.2	27	4	20.2	-2.9	56	7	18.4	-2.1
Other comb of 3 or 3.5 years of Math	82	6	23.0	0.8	32	5	23.6	0.5	50	6	22.7	2.2
Less than 3 years of Math	22	2	22.2	-	14	2	23.1	-	8	1	20.5	-
Zero years / no Math courses reported	20	1	22.7	-	11	2	22.5	-	9	1	22.9	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	82	6	24.8	0.2	41	7	24.5	0.2	41	5	25.1	0.3
Other comb of 4 or more years Social Science	440	31	24.4	-0.2	180	30	24.6	0.3	260	31	24.3	-0.5
US Hist, World Hist, & Am Gov	64	4	24.0	-0.6	34	6	24.4	0.1	30	4	23.5	-1.3
Other comb of 3 or 3.5 years of Social Science	394	27	24.9	0.3	156	26	25.1	0.8	238	29	24.8	0.0
Less than 3 years of Social Science	433	30	24.6	-	184	30	24.3	-	249	30	24.8	-
Zero years / no Social Science courses reported	21	1	25.6	-	11	2	24.3	-	10	1	27.1	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	881	61	24.0	3.3	402	66	25.0	4.8	479	58	23.3	2.0
Bio, Chem, Phys	171	12	25.3	4.6	74	12	25.0	4.8	97	12	25.6	4.3
Gen Sci <sup>2</sup> , Bio, Chem	294	21	21.6	0.9	85	14	22.4	2.2	209	25	21.2	-0.1
Other comb of 3 years of Natural Science	24	2	22.9	2.2	14	2	23.4	3.2	10	1	22.2	0.9
Less than 3 years of Natural Science	43	3	20.7	-	20	3	20.2	-	23	3	21.3	-
Zero years / no Natural Science courses reported	21	1	24.3	-	11	2	24.7	-	10	1	23.9	-

<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: 1,434

**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	342	24	24.2	85	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	1,042	73	24.2	85	1,359,318	71	20.6	65
Less than 4 years of English	30	2	21.0	67	93,944	5	15.9	36
Zero years / no English courses reported	20	1	24.2	85	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	115	8	25.7	83	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	136	9	22.4	64	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	57	4	20.4	37	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	268	19	20.8	47	362,476	19	19.4	30
Other comb of 4 or more years of Math	651	45	26.2	83	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	83	6	19.0	20	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	82	6	23.0	56	95,502	5	19.8	34
Less than 3 years of Math	22	2	22.2	50	78,951	4	16.3	8
Zero years / no Math courses reported	20	1	22.7	55	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	82	6	24.8	67	48,944	3	22.3	51
Other comb of 4 or more years Social Science	440	31	24.4	67	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	64	4	24.0	61	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	394	27	24.9	71	527,956	27	21.4	46
Less than 3 years of Social Science	433	30	24.6	66	194,720	10	19.5	34
Zero years / no Social Science courses reported	21	1	25.6	71	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	881	61	24.0	63	807,744	42	22.2	48
Bio, Chem, Phys	171	12	25.3	73	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	294	21	21.6	45	512,754	27	20.1	30
Other comb of 3 years of Natural Science	24	2	22.9	54	54,439	3	19.1	24
Less than 3 years of Natural Science	43	3	20.7	28	227,926	12	18.1	18
Zero years / no Natural Science courses reported	21	1	24.3	71	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: 1,434

**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	13	1	24.3	0	0	.	9	1	23.4
Architecture	12	1	26.5	0	0	.	10	1	26.2
Area, Ethnic, & Multidisciplinary Studies	5	0	25.2	0	0	.	5	0	25.2
Arts: Visual & Performing	55	4	23.0	1	6	19.0	46	4	22.6
Business	143	10	22.1	2	13	18.0	126	10	22.3
Communications	34	2	22.0	1	6	20.0	30	2	22.2
Community, Family, & Personal Services	10	1	20.2	3	19	19.3	7	1	20.6
Computer Science & Mathematics	35	2	27.3	0	0	.	30	2	27.2
Education	40	3	22.2	0	0	.	38	3	22.2
Engineering	158	11	26.6	1	6	24.0	139	11	26.5
Engineering Technology & Drafting	14	1	23.5	0	0	.	12	1	23.6
English & Foreign Languages	24	2	26.5	1	6	17.0	19	2	26.6
Health Administration & Assisting	12	1	20.5	0	0	.	11	1	21.0
Health Sciences & Technologies	239	17	22.2	4	25	20.0	223	18	22.2
Philosophy, Religion, & Theology	8	1	25.3	1	6	22.0	7	1	25.7
Repair, Production, & Construction	3	0	18.7	0	0	.	3	0	18.7
Sciences: Biological & Physical	191	13	25.8	0	0	.	170	14	25.8
Social Sciences & Law	108	8	24.8	0	0	.	100	8	24.7
Undecided	310	22	24.7	2	13	18.5	226	19	24.7
No Response	20	1	23.3	0	0	.	3	0	18.3

<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: 1,434

**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	6	21.7	0	.	0	.	4	20.5	0	.
2-yr College Degree	10	18.3	0	.	0	.	8	18.6	1	15.0
Bachelors Degree	495	22.3	12	15.3	1	16.0	421	22.5	7	21.0
Graduate Study	367	25.1	5	24.0	0	.	314	25.0	9	22.8
Prof. Level Degree	352	25.8	7	23.9	2	27.5	283	26.0	9	21.8
Other	10	25.3	0	.	0	.	8	25.1	1	27.0
No Response	194	24.8	7	22.9	1	20.0	124	25.3	2	15.5

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	6	21.7	1	24.0	0	.	0	.	1	24.0
2-yr College Degree	10	18.3	1	19.0	0	.	0	.	0	.
Bachelors Degree	495	22.3	20	21.9	0	.	14	20.6	20	22.9
Graduate Study	367	25.1	20	26.0	0	.	4	29.3	15	26.2
Prof. Level Degree	352	25.8	21	25.0	0	.	12	24.9	18	26.3
Other	10	25.3	1	25.0	0	.	0	.	0	.
No Response	194	24.8	19	24.9	0	.	6	22.5	35	24.5

Total Students in Report: 1,434

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

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF MAINE THE	Maine	112	37	75	0	10	21	31	21	16	2
UNIVERSITY OF SOUTHERN MAINE	Maine	62	19	43	0	13	27	21	29	10	0
HUSSON UNIVERSITY	Maine	46	21	25	0	9	28	43	15	4	0
UNIVERSITY OF NEW ENGLAND	Maine	39	11	28	0	3	38	28	26	5	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	34	9	25	0	3	26	24	35	12	0
NORTHEASTERN UNIVERSITY	Massachusetts	32	12	20	0	0	0	19	44	34	3
UNIVERSITY OF VERMONT	Vermont	28	6	22	0	0	11	32	36	21	0
BOSTON UNIVERSITY	Massachusetts	21	7	14	0	0	14	33	24	24	5
COLBY COLLEGE	Maine	21	7	14	0	0	5	14	33	48	0
TUFTS UNIVERSITY	Massachusetts	21	7	14	0	0	0	10	48	38	5
NCAA ELIGIBILITY CENTER	Indiana	20	13	7	0	5	30	35	15	15	0
SAINT JOSEPH'S COLLEGE	Maine	20	4	16	0	15	50	5	30	0	0
BOSTON COLLEGE	Massachusetts	19	7	12	0	0	5	11	37	37	11
UNIVERSITY OF RHODE ISLAND	Rhode Island	15	2	13	0	0	20	47	27	7	0
BOWDOIN COLLEGE	Maine	13	2	11	0	8	0	23	31	38	0
ENDICOTT COLLEGE	Massachusetts	13	3	10	0	0	54	15	23	8	0
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	13	7	6	0	0	0	0	31	38	31
UNIVERSITY OF MAINE AT FARMINGTON	Maine	13	5	8	0	8	38	8	15	31	0
UNIVERSITY OF MAINE AT PRESQUE ISLE	Maine	13	4	9	0	15	46	31	8	0	0
BOB JONES UNIVERSITY	South Carolina	12	11	1	0	17	8	8	42	25	0
NEW YORK UNIVERSITY	New York	12	3	9	0	0	17	8	42	25	8
BROWN UNIVERSITY	Rhode Island	11	5	6	0	0	0	0	45	27	27
DARTMOUTH COLLEGE	New Hampshire	11	4	7	0	0	0	27	27	27	18
LIBERTY UNIVERSITY	Virginia	11	6	5	0	0	18	18	36	27	0
MAINE MARITIME ACADEMY	Maine	11	5	6	0	9	27	36	18	9	0
GORDON COLLEGE-MA	Massachusetts	10	3	7	0	0	10	40	10	40	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	10	1	9	0	0	0	30	30	30	10
UNIVERSITY OF MAINE AT AUGUSTA	Maine	10	3	7	0	0	20	40	30	10	0
BATES COLLEGE	Maine	9	3	6	0	0	0	33	22	44	0
CORNELL UNIVERSITY	New York	9	2	7	0	0	0	11	0	67	22
All Other Institutions		894	249	645	0	4	15	27	25	25	4
<b>Total</b>		<b>1,565</b>	<b>478</b>	<b>1,087</b>	<b>0</b>	<b>4</b>	<b>17</b>	<b>26</b>	<b>26</b>	<b>23</b>	<b>4</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: 1,434

**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>1,175</b>	<b>1,108,908</b>	<b>24.6</b>	<b>21.0</b>	<b>7.7</b>	<b>6.9</b>	<b>23.7</b>	<b>20.2</b>
Black/African American	29	136,380	20.8	16.3	7.3	6.0	20.4	15.9
American Indian/Alaska Native	4	7,142	22.5	16.5	6.3	5.9	20.8	16.0
White	938	567,060	24.9	22.8	7.8	7.1	23.9	21.8
Hispanic/Latino	25	196,970	22.3	18.4	6.8	6.7	21.1	18.1
Asian	72	68,736	23.1	23.9	7.5	7.6	22.3	23.0
Native Hawaiian/Other Pac. Isl.	0	4,070	.	18.0	.	6.5	.	17.6
Two or more races	28	45,517	24.4	21.3	7.5	6.9	23.3	20.4
Prefer not/No Response	79	83,033	25.5	20.8	7.5	6.7	24.0	19.9
Males	484	507,737	24.2	20.7	7.6	6.6	23.2	19.7
Females	691	590,537	24.9	21.4	7.8	7.1	24.0	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4





