



# Profile Report - State

Graduating Class 2015

Delaware





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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

42% 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:** 1,869 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. 79% 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 3% of the cohort took less than three years of math courses. Of these students, 19% were college ready. 2% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 20% of these students were college ready. In comparison, 61% 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. 14% of these students were college ready. In comparison, 55% 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 33% 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

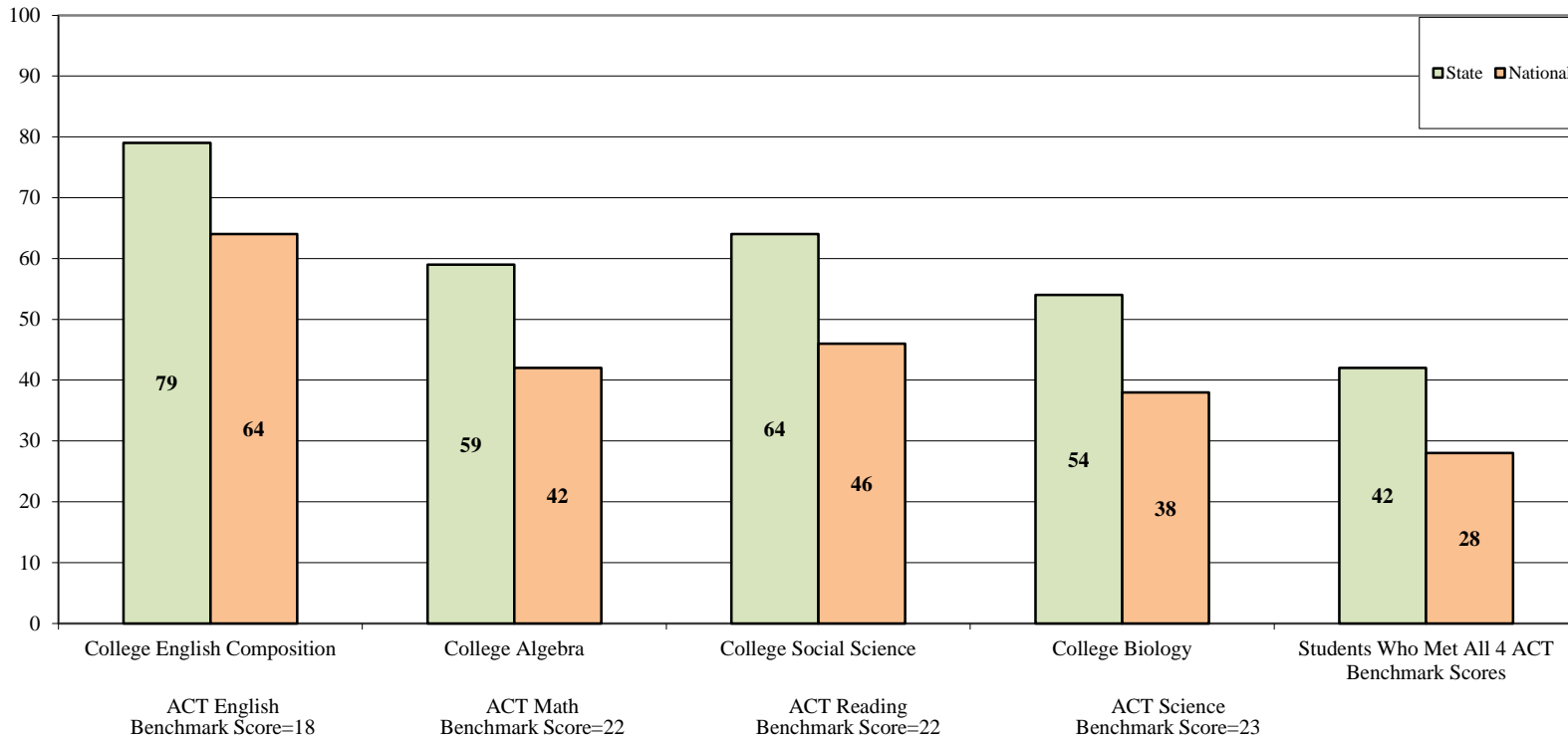
## Executive Summary

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: 1,869

**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	1,481	1,623,112	74	66	57	45	60	52	39	30	34	25
2012	1,328	1,666,017	76	67	57	46	63	52	39	31	34	25
2013	1,423	1,799,243	77	64	59	44	59	44	49	36	40	26
2014	1,647	1,845,787	77	64	60	43	61	44	52	37	42	26
<b>2015</b>	<b>1,869</b>	<b>1,924,436</b>	<b>79</b>	<b>64</b>	<b>59</b>	<b>42</b>	<b>64</b>	<b>46</b>	<b>54</b>	<b>38</b>	<b>42</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	1,481	1,623,112	22.0	20.6	22.4	21.1	22.7	21.3	22.0	20.9	22.4	21.1
2012	1,328	1,666,017	22.3	20.5	22.4	21.1	23.0	21.3	22.1	20.9	22.6	21.1
2013	1,423	1,799,243	22.5	20.2	22.8	20.9	23.4	21.1	22.4	20.7	22.9	20.9
2014	1,647	1,845,787	22.7	20.3	23.2	20.9	23.7	21.3	22.9	20.8	23.2	21.0
<b>2015</b>	<b>1,869</b>	<b>1,924,436</b>	<b>23.2</b>	<b>20.4</b>	<b>23.0</b>	<b>20.8</b>	<b>24.1</b>	<b>21.4</b>	<b>23.1</b>	<b>20.9</b>	<b>23.5</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: 1,869

**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	1,172	288	79	19	22.1	21.7	22.5	22.2	22.8	22.2	22.1	21.7	22.5	22.1
2012	1,030	272	78	20	22.4	22.2	22.5	22.3	23.1	22.8	22.3	21.7	22.7	22.4
2013	1,107	302	78	21	22.5	22.4	22.8	22.8	23.3	23.4	22.4	22.1	22.9	22.8
2014	1,303	332	79	20	22.9	22.2	23.2	23.1	23.8	23.5	22.9	22.8	23.3	23.0
<b>2015</b>	<b>1,484</b>	<b>373</b>	<b>79</b>	<b>20</b>	<b>23.3</b>	<b>22.5</b>	<b>23.1</b>	<b>22.6</b>	<b>24.3</b>	<b>23.2</b>	<b>23.2</b>	<b>22.4</b>	<b>23.6</b>	<b>22.8</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.

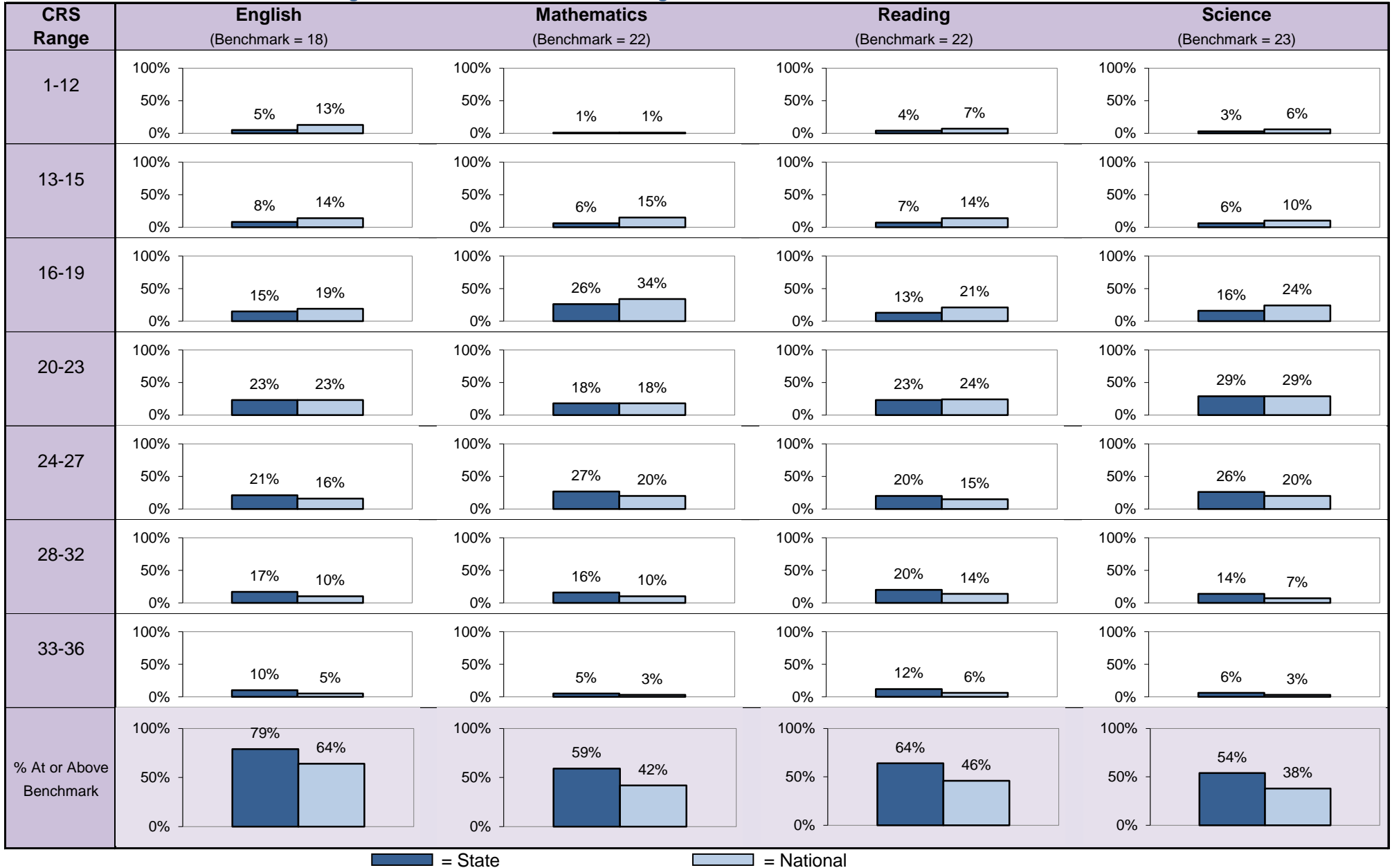
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**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>1,481</b>	<b>100</b>	<b>22.4</b>	<b>1,328</b>	<b>100</b>	<b>22.6</b>	<b>1,423</b>	<b>100</b>	<b>22.9</b>	<b>1,647</b>	<b>100</b>	<b>23.2</b>	<b>1,869</b>	<b>100</b>	<b>23.5</b>
Black/African American	252	17	17.3	227	17	17.7	244	17	17.5	248	15	17.8	287	15	18.7
American Indian/Alaska Native	4	0	20.3	5	0	22.4	2	0	24.0	4	0	20.3	5	0	17.4
White	972	66	23.5	876	66	23.6	914	64	24.0	1,041	63	24.3	1,228	66	24.3
Hispanic/Latino	59	4	21.0	46	3	21.1	55	4	21.4	101	6	22.0	85	5	22.4
Asian	62	4	27.2	65	5	25.9	86	6	26.4	119	7	25.9	122	7	26.0
Native Hawaiian/Other Pacific Islander	7	0	20.1	1	0	26.0	3	0	18.3	0	0	.	5	0	20.6
Two or more races	58	4	22.1	43	3	21.7	47	3	22.1	58	4	22.9	48	3	23.2
Prefer not to respond/No response	67	5	22.8	65	5	23.2	72	5	24.1	76	5	24.3	89	5	25.3

Total Students in Report: 1,869

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



Total Students in Report: 1,869

**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	1,801	96	23.2	23.1	24.1	23.1	23.5
	Extended Time	68	4	21.5	21.5	23.7	22.3	22.3
	Total	1,869	100	23.2	23.0	24.1	23.1	23.5
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	79	59	64	54	43
	Extended Time	71	46	60	46	32
	Total	79	59	64	54	42
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: 1,869

**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	10	100	16	100	27	100	16	100	4	100	36
35	56	99	21	99	33	99	31	99	17	100	35
34	64	96	36	98	79	97	39	97	31	99	34
33	50	93	25	96	91	93	27	95	46	97	33
32	60	90	36	95	82	88	56	94	41	95	32
31	60	87	36	93	81	83	40	91	68	93	31
30	53	84	61	91	81	79	48	89	93	89	30
29	72	81	63	88	68	75	51	86	93	84	29
28	70	77	112	84	68	71	68	84	78	79	28
27	82	74	145	78	79	67	71	80	107	75	27
26	87	69	136	71	92	63	110	76	124	69	26
25	133	64	101	63	80	58	156	70	108	62	25
24	93	57	119	58	114	54	149	62	122	57	24
23	141	52	118	51	116	48	143	54	107	50	23
22	106	45	73	45	107	42	125	46	128	44	22
21	93	39	71	41	121	36	174	40	109	38	21
20	94	34	77	37	95	29	93	30	110	32	20
19	63	29	102	33	72	24	95	25	102	26	19
18	86	26	109	28	68	20	80	20	92	20	18
17	58	21	135	22	51	17	74	16	78	15	17
16	81	18	149	15	52	14	57	12	65	11	16
15	71	14	76	7	59	11	58	9	44	8	15
14	50	10	32	3	45	8	36	6	40	5	14
13	34	7	9	1	34	6	21	4	33	3	13
12	20	5	7	1	37	4	15	3	17	2	12
11	28	4	1	1	14	2	19	2	5	1	11
10	28	3	2	1	12	1	6	1	6	1	10
9	14	1	0	1	4	1	6	1	1	1	9
8	6	1	1	1	5	1	4	1	0	1	8
7	3	1	0	1	0	1	1	1	0	1	7
6	2	1	0	1	2	1	0	1	0	1	6
5	1	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)	23.2 (6.6)		23.0 (5.5)		24.1 (6.5)		23.1 (5.6)		23.5 (5.5)		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: 1,869

**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	137	100	62	100	108	100	155	100	137	100	29	100	31	100	18
17	186	93	53	97	166	94	179	92	111	93	36	98	14	98	17
16	102	83	161	94	158	85	177	82	183	87	72	97	121	98	16
15	162	77	190	85	150	77	198	73	154	77	165	93	170	91	15
14	113	69	176	75	146	69	178	62	158	69	256	84	228	82	14
13	133	63	186	66	183	61	147	53	178	60	205	70	198	70	13
12	144	55	200	56	187	51	143	45	193	51	175	59	198	59	12
11	202	48	201	45	156	41	107	37	112	40	243	50	189	49	11
10	143	37	141	34	150	33	122	31	146	34	229	37	237	39	10
9	137	29	156	27	129	25	111	25	129	27	190	25	170	26	9
8	117	22	149	18	138	18	100	19	140	20	134	14	126	17	8
7	108	16	56	10	90	11	90	13	153	12	69	7	85	10	7
6	71	10	60	7	45	6	72	9	47	4	17	4	40	5	6
5	53	6	36	4	34	3	50	5	16	1	30	3	25	3	5
4	32	3	20	2	11	2	31	2	7	1	4	1	19	2	4
3	23	2	19	1	2	1	7	1	5	1	8	1	12	1	3
2	6	1	3	1	10	1	2	1	0	1	0	1	0	1	2
1	0	1	0	1	6	1	0	1	0	1	7	1	6	1	1
Avg (SD)	11.9 (4.0)		11.8 (3.4)		12.2 (3.6)		12.5 (3.9)		12.2 (3.6)		11.6 (2.9)		11.5 (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	27	30	26	28
Q2 (50th Percentile)	23	23	24	23	23
Q1 (25th Percentile)	18	18	20	19	19

Total Students in Report: 1,869

**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>1,869</b>	<b>79</b>	<b>23.6</b>	<b>22.8</b>
	Black/African American	287	69	19.2	17.7
	American Indian/Alaska Native	5	40	17.0	17.7
	White	1,228	83	24.3	24.2
	Hispanic/Latino	85	76	22.1	23.5
	Asian	122	77	25.9	26.0
	Native Hawaiian/Other Pac. Isl.	5	100	20.6	.
	Two or more races	48	75	23.7	21.8
	Prefer not/No Response	89	78	24.6	27.9
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>	23.2	23.0	24.1	23.1	23.5
	Black/African American	17.8	18.8	19.3	18.5	18.7
	American Indian/Alaska Native	14.6	16.4	18.6	19.0	17.4
	White	24.2	23.6	25.0	23.9	24.3
	Hispanic/Latino	21.6	21.8	23.0	22.5	22.4
	Asian	25.2	27.3	25.3	25.5	26.0
	Native Hawaiian/Other Pac. Isl.	19.4	19.6	22.2	20.6	20.6
	Two or more races	23.2	22.5	24.5	22.5	23.2
	Prefer not/No Response	25.3	24.5	26.1	24.8	25.3
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: 1,869

**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	180	10	98	5	230	12	113	6
	28 to 32	315	17	308	16	380	20	263	14
	24 to 27	395	21	501	27	365	20	486	26
	20 to 23	434	23	339	18	439	23	535	29
	16 to 19	288	15	495	26	243	13	306	16
	13 to 15	155	8	117	6	138	7	115	6
	01 to 12	102	5	11	1	74	4	51	3
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	865	46	23.3	24.2	24.6	24.2	24.2
	Females	1,004	54	23.0	22.0	23.7	22.1	22.8
	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	80	66	68	63	50
	Females	78	53	61	46	36
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 1,869

**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>	1,484	80	23.3	60	23.1	66	24.3	55	23.2	43	23.6
	Less than Core	373	72	22.5	53	22.6	57	23.2	48	22.4	40	22.8
	Missing <sup>3</sup>	12	83	23.1	50	22.7	67	25.3	67	25.2	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>	1,837	79	23.2	1,797	60	23.2	1,580	64	24.0	1,784	55	23.3
	Less than Core	23	61	20.2	63	19	18.5	280	66	24.7	74	14	18.4
	Missing <sup>3</sup>	9	89	23.4	9	56	23.9	9	67	25.0	11	73	26.6
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

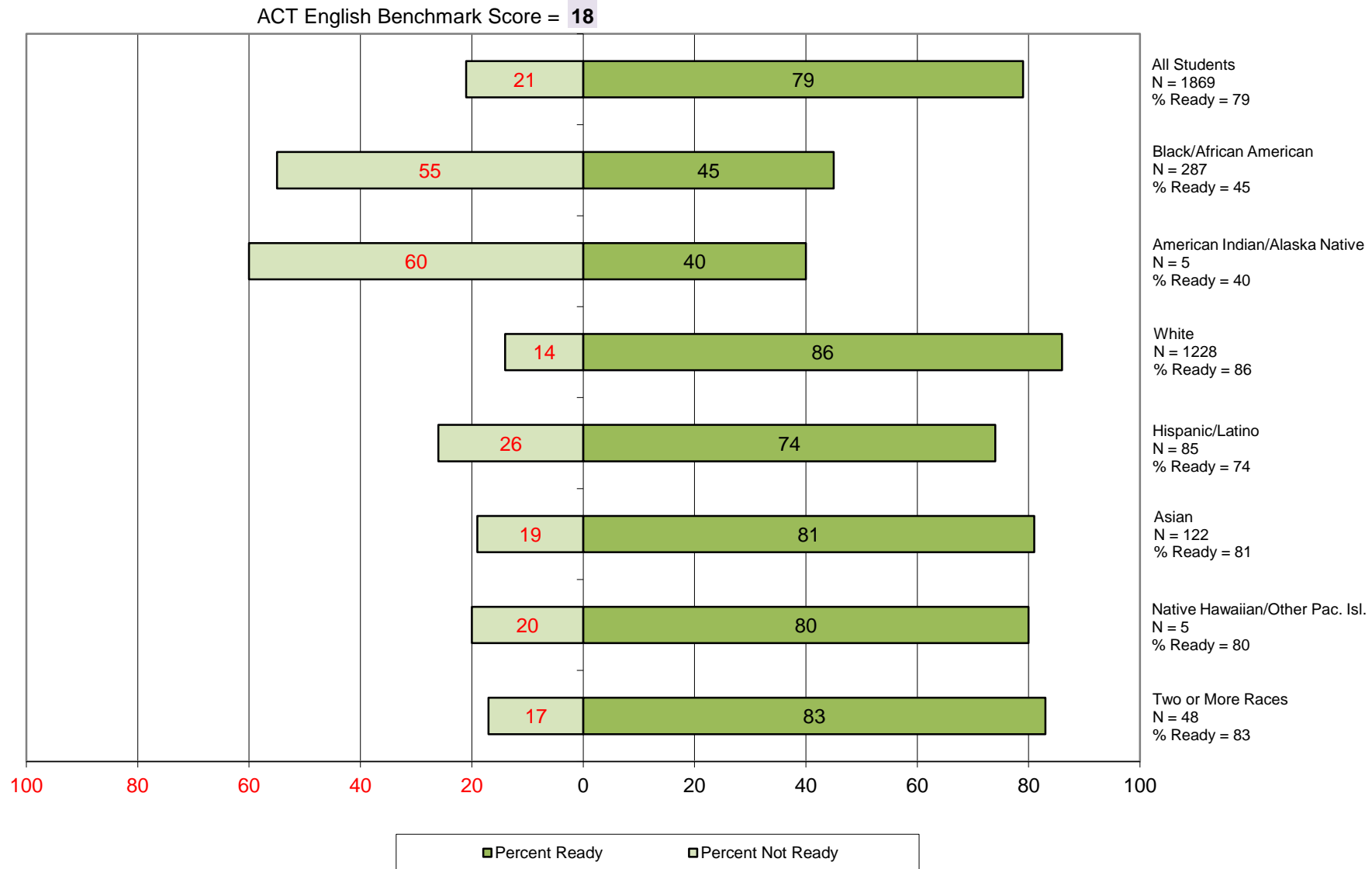
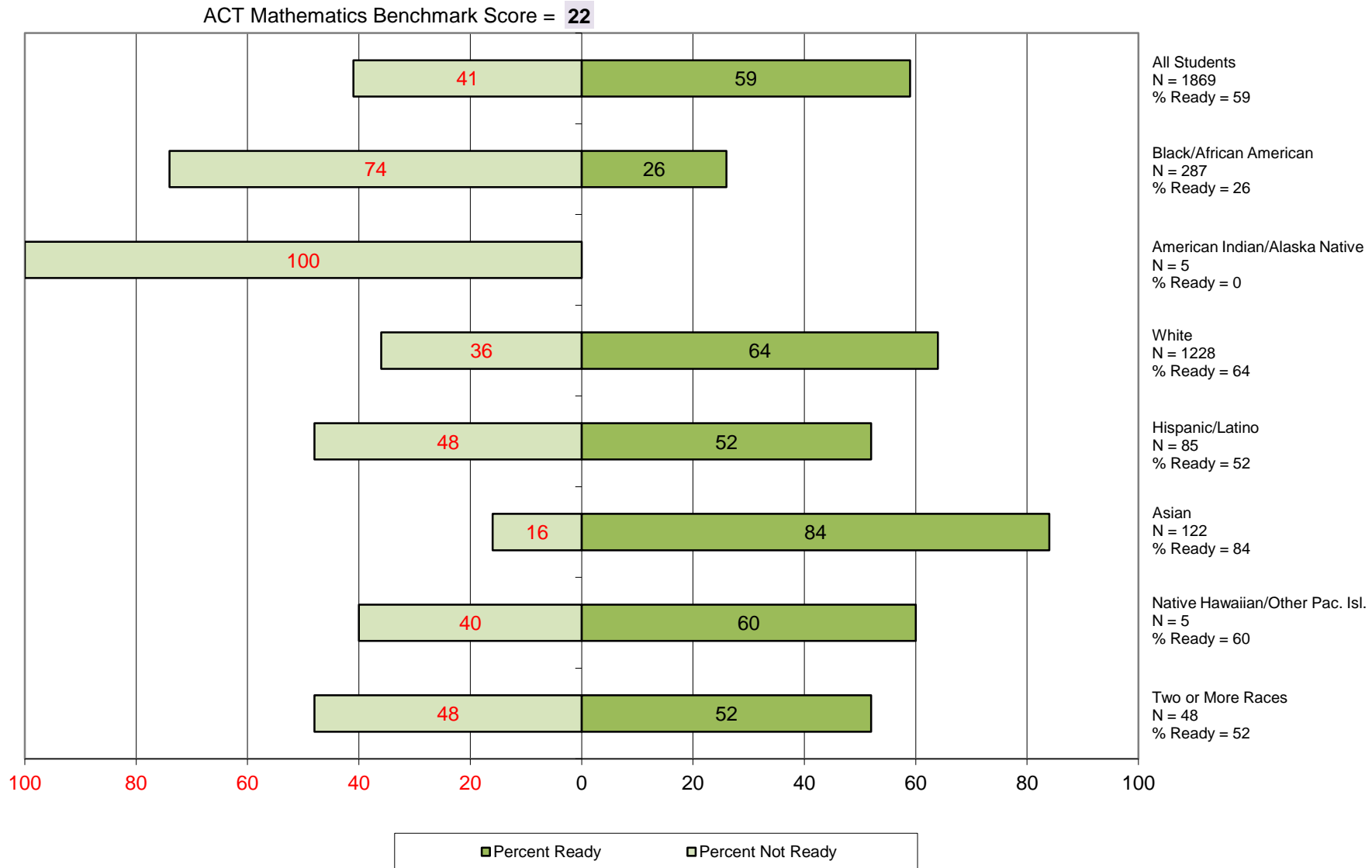


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS



Total Students in Report: 1,869

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

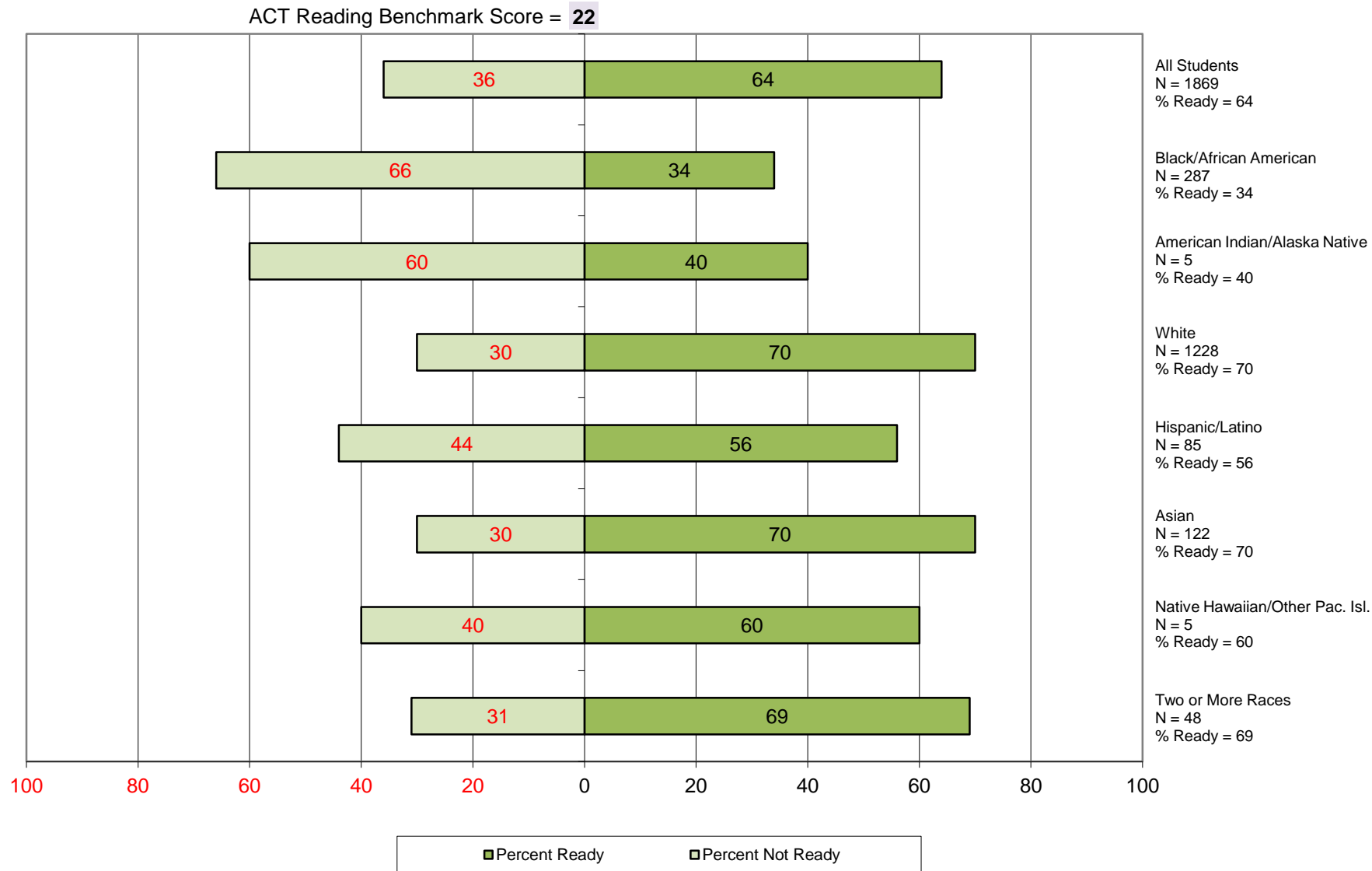


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

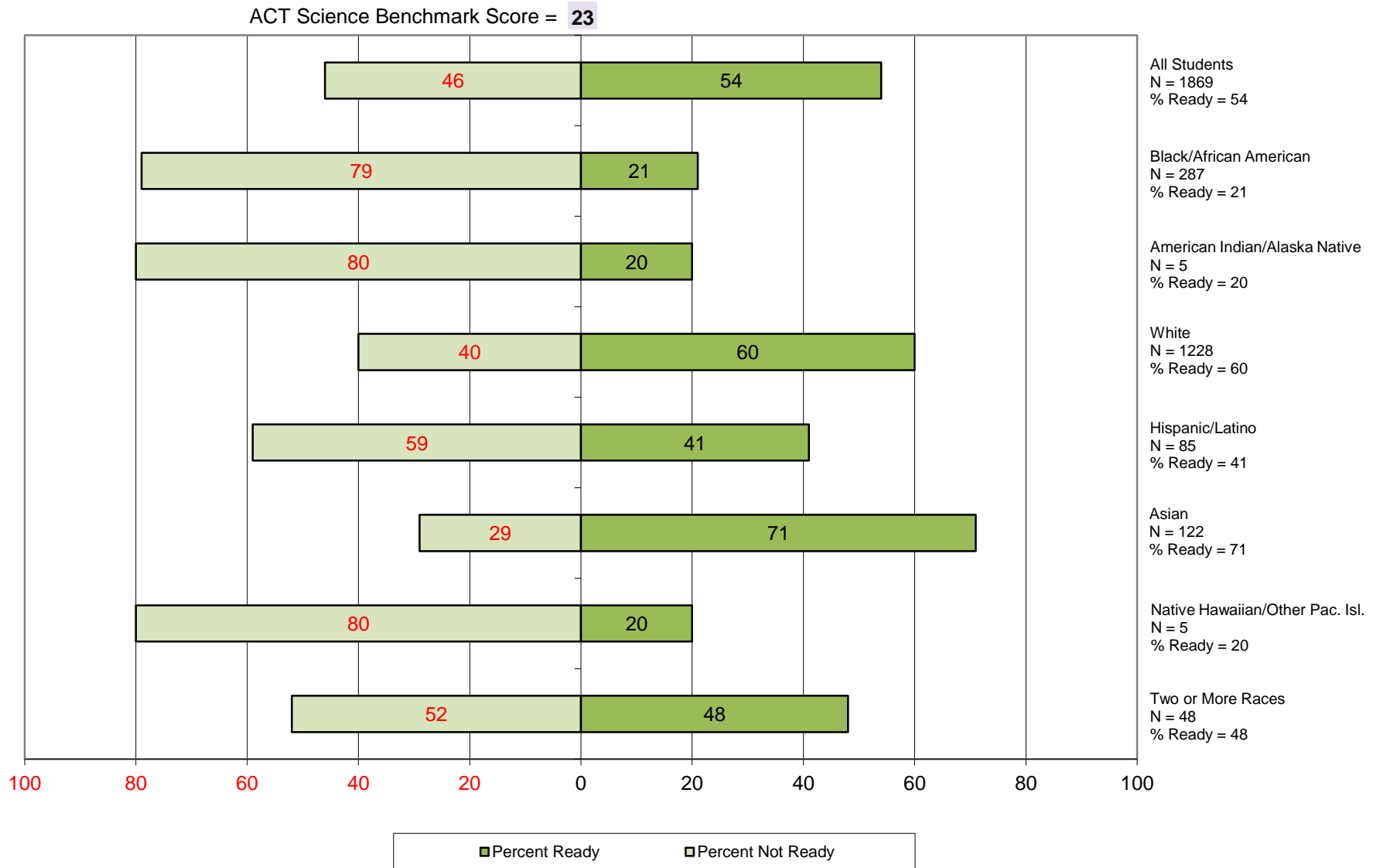
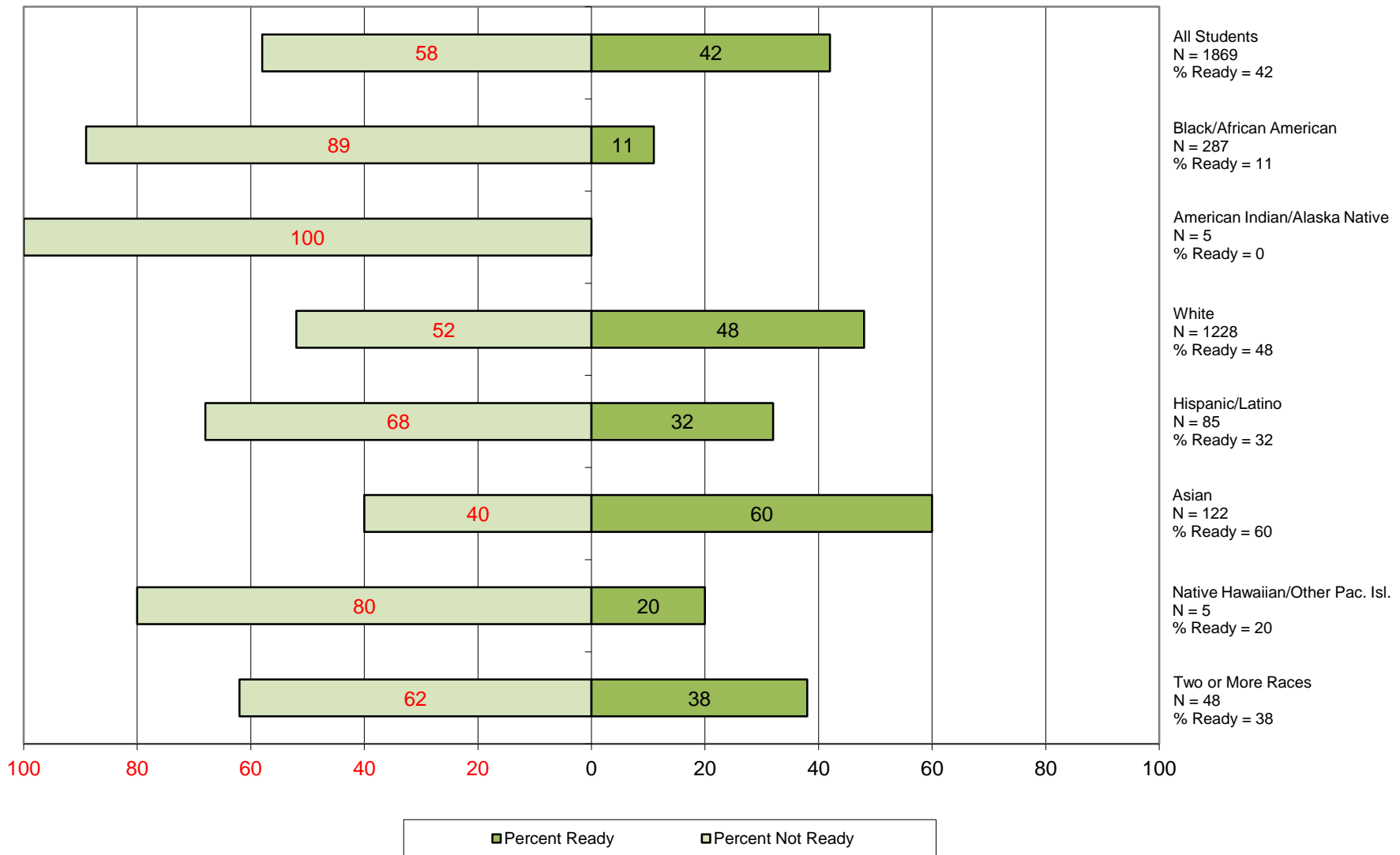


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 1,869

**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	355	19	23.3	3.1	156	18	23.2	2.0	199	20	23.4	4.6
Eng 9, Eng 10, Eng 11, Eng 12	1,482	79	23.2	3.0	693	80	23.4	2.2	789	79	23.0	4.2
Less than 4 years of English	23	1	20.2	-	13	2	21.2	-	10	1	18.8	-
Zero years / no English courses reported	9	0	23.4	-	3	0	26.0	-	6	1	22.2	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	201	11	24.3	5.8	102	12	25.2	6.8	99	10	23.3	4.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	191	10	20.7	2.2	66	8	21.0	2.6	125	12	20.6	2.1
Alg 1, Alg 2, Geom, & Trig	104	6	18.9	0.4	42	5	19.3	0.9	62	6	18.5	0.0
Alg 1, Alg 2, Geom, & Other Adv Math	205	11	19.0	0.5	82	9	20.6	2.2	123	12	18.0	-0.5
Other comb of 4 or more years of Math	960	51	25.1	6.6	486	56	26.0	7.6	474	47	24.3	5.8
Alg 1, Alg 2, & Geom	41	2	18.7	0.2	14	2	20.6	2.2	27	3	17.7	-0.8
Other comb of 3 or 3.5 years of Math	95	5	21.4	2.9	44	5	22.6	4.2	51	5	20.4	1.9
Less than 3 years of Math	63	3	18.5	-	25	3	18.4	-	38	4	18.5	-
Zero years / no Math courses reported	9	0	23.9	-	4	0	26.3	-	5	0	22.0	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	76	4	26.0	1.3	42	5	25.0	0.2	34	3	27.1	2.6
Other comb of 4 or more years Social Science	869	46	23.7	-1.0	400	46	24.2	-0.6	469	47	23.3	-1.2
US Hist, World Hist, & Am Gov	78	4	25.9	1.2	50	6	26.1	1.3	28	3	25.5	1.0
Other comb of 3 or 3.5 years of Social Science	557	30	23.9	-0.8	247	29	24.6	-0.2	310	31	23.2	-1.3
Less than 3 years of Social Science	280	15	24.7	-	123	14	24.8	-	157	16	24.5	-
Zero years / no Social Science courses reported	9	0	25.0	-	3	0	28.0	-	6	1	23.5	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	1,196	64	23.6	5.2	618	71	24.5	5.9	578	58	22.7	4.3
Bio, Chem, Phys	279	15	25.0	6.6	121	14	26.7	8.1	158	16	23.8	5.4
Gen Sci <sup>2</sup> , Bio, Chem	298	16	20.3	1.9	86	10	20.9	2.3	212	21	20.1	1.7
Other comb of 3 years of Natural Science	11	1	20.9	2.5	8	1	20.9	2.3	3	0	21.0	2.6
Less than 3 years of Natural Science	74	4	18.4	-	27	3	18.6	-	47	5	18.4	-
Zero years / no Natural Science courses reported	11	1	26.6	-	5	1	27.8	-	6	1	25.7	-

<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: 1,869

**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	355	19	23.3	80	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	1,482	79	23.2	79	1,359,318	71	20.6	65
Less than 4 years of English	23	1	20.2	61	93,944	5	15.9	36
Zero years / no English courses reported	9	0	23.4	89	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	201	11	24.3	73	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	191	10	20.7	45	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	104	6	18.9	23	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	205	11	19.0	25	362,476	19	19.4	30
Other comb of 4 or more years of Math	960	51	25.1	75	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	41	2	18.7	20	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	95	5	21.4	51	95,502	5	19.8	34
Less than 3 years of Math	63	3	18.5	19	78,951	4	16.3	8
Zero years / no Math courses reported	9	0	23.9	56	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	76	4	26.0	82	48,944	3	22.3	51
Other comb of 4 or more years Social Science	869	46	23.7	62	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	78	4	25.9	74	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	557	30	23.9	63	527,956	27	21.4	46
Less than 3 years of Social Science	280	15	24.7	66	194,720	10	19.5	34
Zero years / no Social Science courses reported	9	0	25.0	67	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	1,196	64	23.6	58	807,744	42	22.2	48
Bio, Chem, Phys	279	15	25.0	70	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	298	16	20.3	32	512,754	27	20.1	30
Other comb of 3 years of Natural Science	11	1	20.9	45	54,439	3	19.1	24
Less than 3 years of Natural Science	74	4	18.4	14	227,926	12	18.1	18
Zero years / no Natural Science courses reported	11	1	26.6	73	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: 1,869

**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	25	1	21.2	0	0	.	25	2	21.2
Architecture	21	1	24.3	0	0	.	20	1	24.3
Area, Ethnic, & Multidisciplinary Studies	3	0	26.0	0	0	.	2	0	26.0
Arts: Visual & Performing	55	3	21.0	0	0	.	48	3	21.1
Business	226	12	22.7	1	11	12.0	213	13	22.7
Communications	41	2	22.0	0	0	.	36	2	22.2
Community, Family, & Personal Services	15	1	17.7	1	11	16.0	14	1	17.8
Computer Science & Mathematics	56	3	26.9	0	0	.	51	3	27.0
Education	83	4	21.0	2	22	13.0	77	5	21.1
Engineering	257	14	26.3	1	11	23.0	226	14	26.1
Engineering Technology & Drafting	9	0	20.9	1	11	17.0	8	0	21.4
English & Foreign Languages	19	1	25.3	0	0	.	19	1	25.3
Health Administration & Assisting	31	2	20.3	0	0	.	27	2	20.7
Health Sciences & Technologies	320	17	22.2	2	22	16.0	304	18	22.3
Philosophy, Religion, & Theology	4	0	24.8	0	0	.	4	0	24.8
Repair, Production, & Construction	2	0	24.5	0	0	.	1	0	24.0
Sciences: Biological & Physical	209	11	24.3	0	0	.	193	12	24.3
Social Sciences & Law	189	10	22.6	0	0	.	170	10	22.6
Undecided	298	16	24.2	1	11	13.0	224	13	23.6
No Response	6	0	27.5	0	0	.	2	0	25.5

<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: 1,869

**Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations**

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	2	18.5	1	14.0	0	.	0	.	0	.
2-yr College Degree	7	14.6	3	13.7	0	.	2	16.5	1	12.0
Bachelors Degree	656	21.4	96	16.3	2	17.5	476	22.3	26	20.6
Graduate Study	502	24.2	56	19.5	0	.	353	24.9	19	23.2
Prof. Level Degree	506	24.9	103	21.1	3	17.3	270	26.4	34	23.1
Other	13	21.5	4	16.8	0	.	7	24.0	1	21.0
No Response	183	25.1	24	17.7	0	.	120	25.8	4	28.3

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	2	18.5	1	23.0	0	.	0	.	0	.
2-yr College Degree	7	14.6	0	.	0	.	1	16.0	0	.
Bachelors Degree	656	21.4	23	24.2	2	22.0	13	21.9	18	24.3
Graduate Study	502	24.2	32	26.2	1	16.0	14	22.4	27	24.7
Prof. Level Degree	506	24.9	53	26.4	1	22.0	15	24.2	27	25.5
Other	13	21.5	1	23.0	0	.	0	.	0	.
No Response	183	25.1	12	27.8	1	21.0	5	27.6	17	27.1

Total Students in Report: 1,869

**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 DELAWARE	Delaware	469	254	215	1	5	17	28	25	19	5
DELAWARE STATE UNIVERSITY	Delaware	68	22	46	6	43	22	21	9	0	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	61	15	46	0	2	7	30	30	28	5
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	58	10	48	0	2	17	33	26	19	3
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	53	17	36	0	2	4	19	25	32	19
DREXEL UNIVERSITY	Pennsylvania	52	10	42	0	4	15	27	25	21	8
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	Pennsylvania	43	6	37	2	5	30	35	21	7	0
SALISBURY UNIVERSITY	Maryland	36	4	32	0	3	28	42	25	3	0
TOWSON UNIVERSITY	Maryland	36	8	28	0	3	31	53	11	3	0
WEST VIRGINIA UNIVERSITY	West Virginia	34	10	24	6	9	32	24	24	6	0
NCAA ELIGIBILITY CENTER	Indiana	32	15	17	3	13	13	44	13	16	0
WESLEY COLLEGE	Delaware	31	9	22	3	39	35	19	3	0	0
TEMPLE UNIVERSITY	Pennsylvania	29	7	22	7	3	41	31	10	7	0
UNIVERSITY OF PITTSBURGH	Pennsylvania	29	8	21	0	7	7	7	24	55	0
JAMES MADISON UNIVERSITY	Virginia	28	10	18	0	0	14	43	21	21	0
DELAWARE TECH & COMM COLL-STANTON/WILM	Delaware	27	4	23	7	7	41	19	15	11	0
BOSTON UNIVERSITY	Massachusetts	26	9	17	4	4	0	19	31	31	12
JOHNS HOPKINS UNIVERSITY THE	Maryland	26	6	20	4	0	0	15	12	50	19
HOWARD UNIVERSITY	District of Columbia	24	12	12	0	21	38	21	17	4	0
LIBERTY UNIVERSITY	Virginia	23	10	13	4	0	43	22	17	13	0
VILLANOVA UNIVERSITY	Pennsylvania	23	6	17	0	0	9	30	26	30	4
VIRGINIA TECH	Virginia	23	4	19	0	0	9	17	13	52	9
WILMINGTON COLLEGE	Delaware	21	1	20	5	33	24	19	19	0	0
BOSTON COLLEGE	Massachusetts	20	2	18	0	0	10	20	25	35	10
NEUMANN UNIVERSITY	Pennsylvania	20	1	19	0	15	50	30	5	0	0
PRINCETON UNIVERSITY	New Jersey	20	7	13	0	0	0	35	5	35	25
UNIV OF NORTH CAROLINA AT CHAPEL HILL	North Carolina	20	3	17	0	5	10	15	20	45	5
UNIVERSITY OF VIRGINIA	Virginia	20	4	16	0	0	0	10	10	55	25
YORK COLLEGE OF PENNSYLVANIA	Pennsylvania	20	1	19	15	5	30	30	15	5	0
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA	Pennsylvania	18	5	13	0	22	22	44	6	6	0
All Other Institutions		1,500	363	1,137	1	7	18	25	24	20	5
<b>Total</b>		<b>2,890</b>	<b>843</b>	<b>2,047</b>	<b>1</b>	<b>8</b>	<b>18</b>	<b>26</b>	<b>22</b>	<b>19</b>	<b>5</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: 1,869

**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>1,493</b>	<b>1,108,908</b>	<b>23.9</b>	<b>21.0</b>	<b>7.6</b>	<b>6.9</b>	<b>23.0</b>	<b>20.2</b>
Black/African American	209	136,380	18.7	16.3	6.8	6.0	18.4	15.9
American Indian/Alaska Native	5	7,142	14.6	16.5	7.8	5.9	16.4	16.0
White	988	567,060	24.8	22.8	7.7	7.1	23.7	21.8
Hispanic/Latino	63	196,970	23.4	18.4	7.6	6.7	22.7	18.1
Asian	108	68,736	26.2	23.9	7.9	7.6	25.0	23.0
Native Hawaiian/Other Pac. Isl.	3	4,070	19.7	18.0	7.0	6.5	19.3	17.6
Two or more races	40	45,517	24.0	21.3	7.6	6.9	23.1	20.4
Prefer not/No Response	77	83,033	25.4	20.8	7.7	6.7	24.2	19.9
Males	691	507,737	24.0	20.7	7.5	6.6	22.9	19.7
Females	802	590,537	23.9	21.4	7.7	7.1	23.1	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4





