



# Profile Report - State

Graduating Class 2015

Illinois





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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

26% 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:** 157,047 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. 52% 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 7% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 15% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 12% of these students were college ready. In comparison, 54% 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 16% of the cohort took less than three years of natural science courses. 17% of these students were college ready. In comparison, 44% 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 52% 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

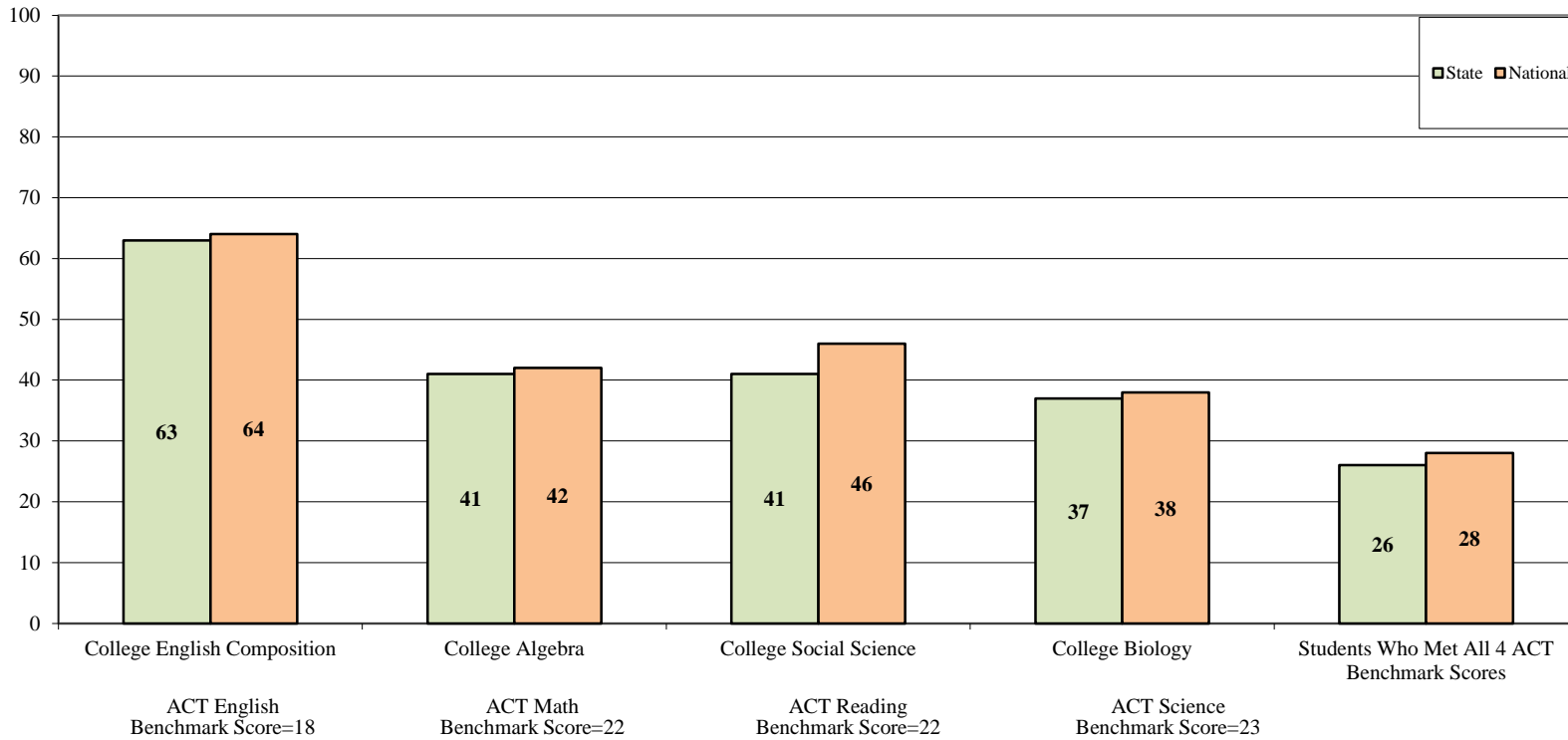
## Executive Summary

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: 157,047

**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	144,469	1,623,112	65	66	42	45	48	52	28	30	23	25
2012	146,822	1,666,017	65	67	44	46	47	52	30	31	25	25
2013	160,066	1,799,243	63	64	42	44	41	44	35	36	25	26
2014	158,037	1,845,787	62	64	41	43	41	44	35	37	26	26
<b>2015</b>	<b>157,047</b>	<b>1,924,436</b>	<b>63</b>	<b>64</b>	<b>41</b>	<b>42</b>	<b>41</b>	<b>46</b>	<b>37</b>	<b>38</b>	<b>26</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	144,469	1,623,112	20.6	20.6	20.9	21.1	20.8	21.3	20.7	20.9	20.9	21.1
2012	146,822	1,666,017	20.5	20.5	21.0	21.1	20.7	21.3	20.8	20.9	20.9	21.1
2013	160,066	1,799,243	20.2	20.2	20.7	20.9	20.4	21.1	20.5	20.7	20.6	20.9
2014	158,037	1,845,787	20.3	20.3	20.7	20.9	20.8	21.3	20.5	20.8	20.7	21.0
<b>2015</b>	<b>157,047</b>	<b>1,924,436</b>	<b>20.3</b>	<b>20.4</b>	<b>20.7</b>	<b>20.8</b>	<b>20.8</b>	<b>21.4</b>	<b>20.6</b>	<b>20.9</b>	<b>20.7</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: 157,047

**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	78,484	53,782	54	37	22.7	18.5	22.6	19.0	22.5	19.1	22.3	19.0	22.6	19.0
2012	81,952	52,698	56	36	22.5	18.2	22.6	19.2	22.4	18.9	22.2	19.1	22.5	19.0
2013	84,740	58,289	53	36	22.5	17.9	22.6	18.8	22.5	18.3	22.3	18.7	22.6	18.6
2014	83,460	55,456	53	35	22.7	18.0	22.6	18.9	22.8	18.9	22.4	18.7	22.7	18.7
<b>2015</b>	<b>82,205</b>	<b>54,694</b>	<b>52</b>	<b>35</b>	<b>22.6</b>	<b>18.2</b>	<b>22.5</b>	<b>18.9</b>	<b>22.7</b>	<b>18.9</b>	<b>22.4</b>	<b>18.9</b>	<b>22.7</b>	<b>18.9</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.

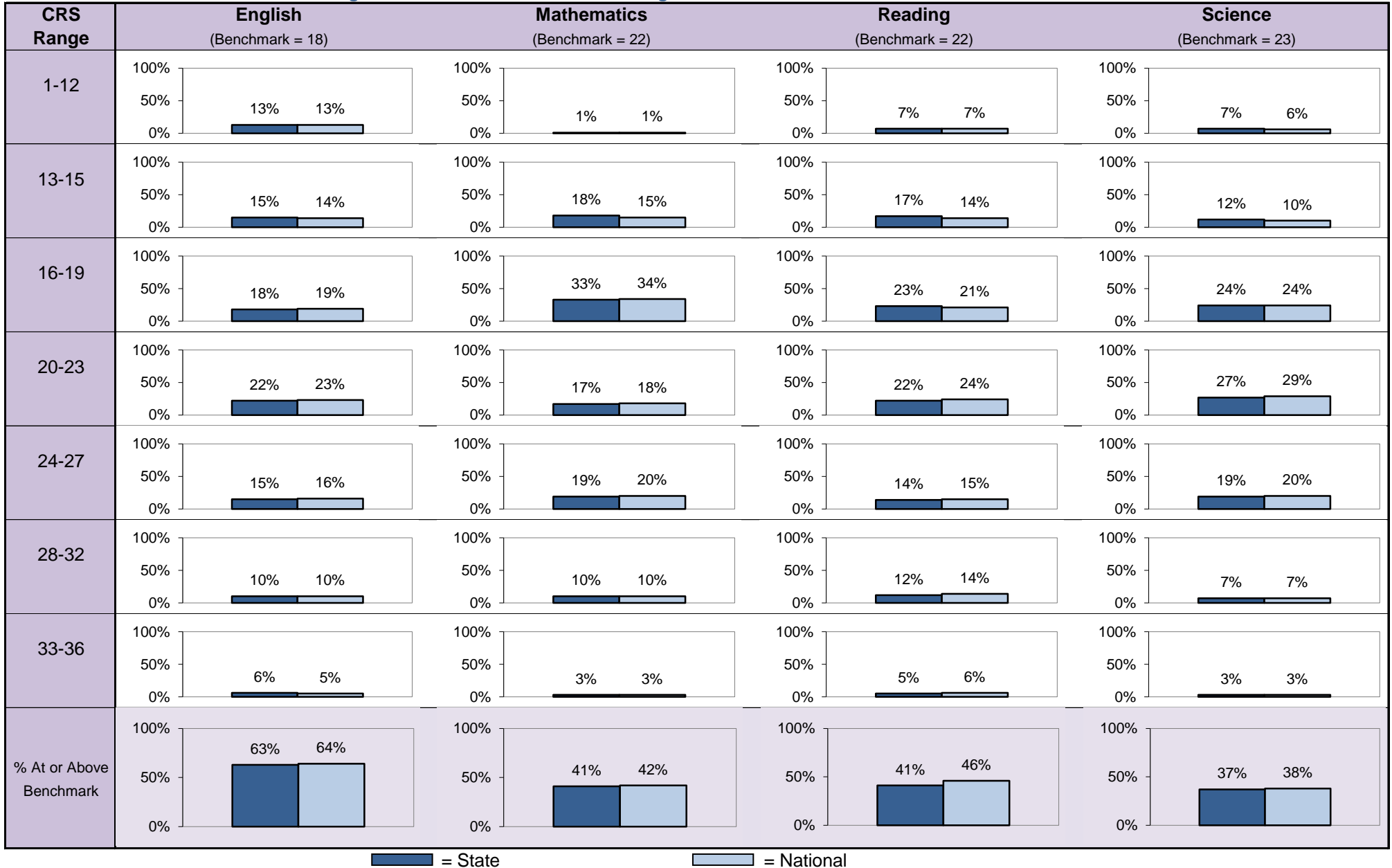
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**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>144,469</b>	<b>100</b>	<b>20.9</b>	<b>146,822</b>	<b>100</b>	<b>20.9</b>	<b>160,066</b>	<b>100</b>	<b>20.6</b>	<b>158,037</b>	<b>100</b>	<b>20.7</b>	<b>157,047</b>	<b>100</b>	<b>20.7</b>
Black/African American	21,757	15	17.0	20,978	14	17.1	21,856	14	16.8	22,230	14	17.0	21,180	13	17.2
American Indian/Alaska Native	402	0	19.4	382	0	18.6	457	0	18.2	439	0	17.6	387	0	17.4
White	78,036	54	22.6	75,985	52	22.7	80,697	50	22.3	78,355	50	22.5	75,795	48	22.5
Hispanic/Latino	21,559	15	18.3	26,434	18	18.5	29,207	18	18.5	31,062	20	18.5	31,320	20	18.6
Asian	5,828	4	24.1	5,776	4	24.2	5,877	4	24.3	6,125	4	24.3	6,357	4	24.3
Native Hawaiian/Other Pacific Islander	62	0	21.2	377	0	21.0	332	0	20.9	267	0	20.7	281	0	21.2
Two or more races	4,437	3	20.7	3,973	3	21.4	4,640	3	21.3	4,751	3	21.4	4,941	3	21.3
Prefer not to respond/No response	12,388	9	19.7	12,917	9	19.7	17,000	11	19.2	14,808	9	19.6	16,786	11	19.5

Total Students in Report: 157,047

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



Total Students in Report: 157,047

**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	140,511	89	21.0	21.1	21.2	21.0	21.2
	Extended Time	16,536	11	14.8	17.0	17.2	17.2	16.7
	Total	157,047	100	20.3	20.7	20.8	20.6	20.7
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	67	44	44	39	28
	Extended Time	28	15	21	16	10
	Total	63	41	41	37	26
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: 157,047

**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	594	100	604	100	1,034	100	1,012	100	164	100	36
35	2,518	100	1,063	100	1,369	99	1,108	99	866	100	35
34	3,428	98	2,094	99	2,272	98	1,434	99	1,353	99	34
33	2,416	96	1,577	98	3,423	97	1,533	98	1,838	98	33
32	3,093	94	1,820	97	3,402	95	2,197	97	2,298	97	32
31	2,772	92	1,882	95	3,389	93	1,554	95	2,826	96	31
30	3,380	91	2,971	94	4,162	91	1,506	94	3,600	94	30
29	2,688	88	2,848	92	3,739	88	2,371	93	3,848	92	29
28	3,870	87	5,662	91	3,966	85	3,151	92	4,585	89	28
27	4,078	84	5,871	87	6,067	83	4,085	90	5,365	86	27
26	5,318	82	7,845	83	4,821	79	7,180	87	6,031	83	26
25	7,562	78	6,447	78	4,763	76	7,421	83	7,006	79	25
24	7,358	73	8,901	74	5,851	73	11,153	78	7,948	75	24
23	8,236	69	7,956	68	9,315	69	12,094	71	8,545	70	23
22	7,924	64	6,941	63	7,298	63	7,699	63	8,924	64	22
21	9,444	58	4,584	59	10,440	59	10,331	58	9,624	58	21
20	9,277	52	7,562	56	7,589	52	12,960	52	9,946	52	20
19	8,330	47	8,073	51	10,990	47	14,010	43	10,035	46	19
18	6,759	41	8,569	46	7,756	40	8,596	35	10,246	40	18
17	6,691	37	15,414	41	10,878	35	7,686	29	10,236	33	17
16	7,168	33	19,248	31	6,758	28	8,085	24	10,188	27	16
15	10,157	28	17,348	19	11,360	24	7,023	19	9,700	20	15
14	8,506	22	7,924	7	6,302	17	6,242	15	9,170	14	14
13	5,446	16	2,635	2	9,131	13	5,524	11	7,255	8	13
12	4,637	13	817	1	5,776	7	6,077	7	3,928	3	12
11	4,507	10	294	1	2,967	3	2,362	3	1,240	1	11
10	5,103	7	64	1	1,215	1	1,406	2	240	1	10
9	2,519	4	12	1	538	1	726	1	26	1	9
8	2,047	2	13	1	288	1	336	1	5	1	8
7	879	1	1	1	26	1	123	1	4	1	7
6	264	1	2	1	112	1	34	1	3	1	6
5	51	1	0	1	17	1	12	1	2	1	5
4	16	1	3	1	22	1	5	1	0	1	4
3	4	1	0	1	4	1	4	1	0	1	3
2	3	1	0	1	2	1	0	1	1	1	2
1	4	1	2	1	5	1	7	1	1	1	1
Avg (SD)	20.3 (6.8)		20.7 (5.5)		20.8 (6.3)		20.6 (5.5)		20.7 (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: 157,047

**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	6,917	100	2,798	100	3,460	100	5,255	100	6,470	100	1,863	100	2,294	100	18
17	8,383	96	3,452	98	7,679	98	7,018	97	5,542	96	1,075	99	389	99	17
16	4,899	90	8,281	96	10,191	93	8,204	92	8,052	92	3,866	98	6,699	98	16
15	8,880	87	9,939	91	8,109	86	6,476	87	7,702	87	9,007	96	10,337	94	15
14	5,307	81	11,490	84	7,998	81	9,391	83	8,640	82	12,434	90	10,527	87	14
13	9,178	78	11,229	77	14,730	76	9,701	77	10,911	77	14,435	82	14,420	81	13
12	10,294	72	12,195	70	12,138	67	15,000	71	11,941	70	11,732	73	12,527	72	12
11	13,250	66	16,267	62	12,748	59	10,638	61	14,345	62	15,043	65	18,366	64	11
10	16,550	57	16,003	52	21,435	51	11,595	54	11,294	53	26,305	56	16,288	52	10
9	12,854	47	14,391	42	13,394	37	16,975	47	10,445	46	17,888	39	22,973	42	9
8	13,587	39	17,489	32	16,800	29	10,930	36	16,228	39	15,471	28	13,627	27	8
7	12,639	30	7,715	21	11,934	18	10,763	29	23,274	29	12,715	18	11,466	18	7
6	11,502	22	10,339	16	10,814	10	17,663	22	12,644	14	6,033	10	7,136	11	6
5	11,306	15	7,194	10	3,346	4	7,739	11	6,314	6	5,772	6	6,103	6	5
4	5,877	7	5,360	5	1,052	1	7,052	6	2,137	2	334	2	1,303	2	4
3	3,755	4	2,521	2	892	1	2,201	2	827	1	2,467	2	1,770	2	3
2	1,683	1	346	1	229	1	393	1	247	1	72	1	339	1	2
1	186	1	38	1	98	1	53	1	34	1	535	1	483	1	1
Avg (SD)	10.1 (4.1)		10.4 (3.6)		10.9 (3.5)		10.2 (4.0)		10.4 (3.8)		10.4 (3.1)		10.5 (3.2)		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)	25	25	25	24	25
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	16

Total Students in Report: 157,047

**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>157,047</b>	<b>52</b>	<b>22.7</b>	<b>18.9</b>
	Black/African American	21,180	45	18.3	16.6
	American Indian/Alaska Native	387	43	19.1	16.2
	White	75,795	59	24.2	20.2
	Hispanic/Latino	31,320	47	20.1	17.6
	Asian	6,357	72	25.4	21.9
	Native Hawaiian/Other Pac. Isl.	281	57	22.9	19.2
	Two or more races	4,941	55	23.0	19.4
	Prefer not/No Response	16,786	32	22.4	18.0
National	<b>All Students</b>	<b>1,924,436</b>	<b>72</b>	<b>21.9</b>	<b>18.9</b>
	Black/African American	252,566	67	17.8	15.9
	American Indian/Alaska Native	14,711	61	19.0	16.5
	White	1,057,803	76	23.2	20.2
	Hispanic/Latino	299,920	71	19.6	17.4
	Asian	87,499	79	24.5	22.0
	Native Hawaiian/Other Pac. Isl.	6,090	62	20.3	16.5
	Two or more races	76,066	73	22.0	19.3
	Prefer not/No Response	129,781	54	22.6	18.5

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

**Table 2.5. Average ACT Scores by Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	20.3	20.7	20.8	20.6	20.7
	Black/African American	16.4	17.2	17.2	17.3	17.2
	American Indian/Alaska Native	16.3	17.4	17.9	17.6	17.4
	White	22.4	22.3	22.7	22.3	22.5
	Hispanic/Latino	17.8	18.8	18.6	18.8	18.6
	Asian	23.9	25.2	23.6	24.0	24.3
	Native Hawaiian/Other Pac. Isl.	20.8	21.2	21.1	21.0	21.2
	Two or more races	21.1	21.0	21.6	21.1	21.3
	Prefer not/No Response	19.0	19.5	19.7	19.5	19.5
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: 157,047

**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	8,956	6	5,338	3	8,098	5	5,087	3
	28 to 32	15,803	10	15,183	10	18,658	12	10,779	7
	24 to 27	24,316	15	29,064	19	21,502	14	29,839	19
	20 to 23	34,881	22	27,043	17	34,642	22	43,084	27
	16 to 19	28,948	18	51,304	33	36,382	23	38,377	24
	13 to 15	24,109	15	27,907	18	26,793	17	18,789	12
	01 to 12	20,034	13	1,208	1	10,972	7	11,092	7
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	78,312	50	19.8	21.0	20.4	20.8	20.6
	Females	78,457	50	20.9	20.4	21.2	20.4	20.9
	Missing	278	0	14.7	16.4	16.3	16.1	16.0
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	60	43	39	39	27
	Females	66	39	44	35	26
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 157,047

**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>	82,205	77	22.6	55	22.5	54	22.7	50	22.4	38	22.7
	Less than Core	54,694	50	18.2	26	18.9	28	18.9	24	18.9	14	18.9
	Missing <sup>3</sup>	20,148	42	16.9	22	18.1	24	18.1	20	18.0	12	17.9
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>	127,270	68	21.2	128,031	46	21.4	104,501	49	21.9	112,074	44	21.7
	Less than Core	11,688	36	16.2	10,209	8	16.4	33,804	28	18.8	25,834	17	17.9
	Missing <sup>3</sup>	18,089	43	17.2	18,807	23	18.2	18,742	25	18.2	19,139	20	18.2
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

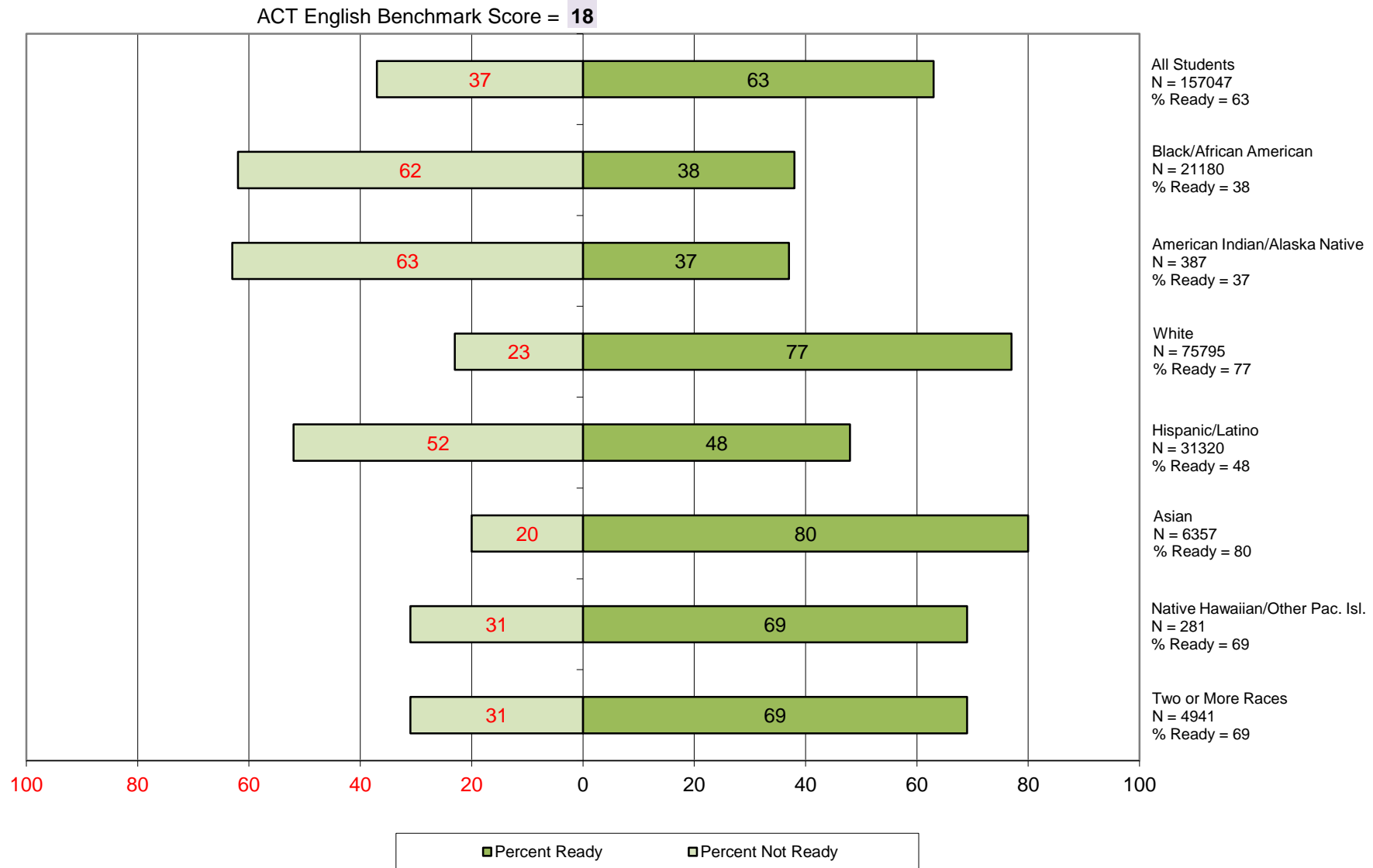


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

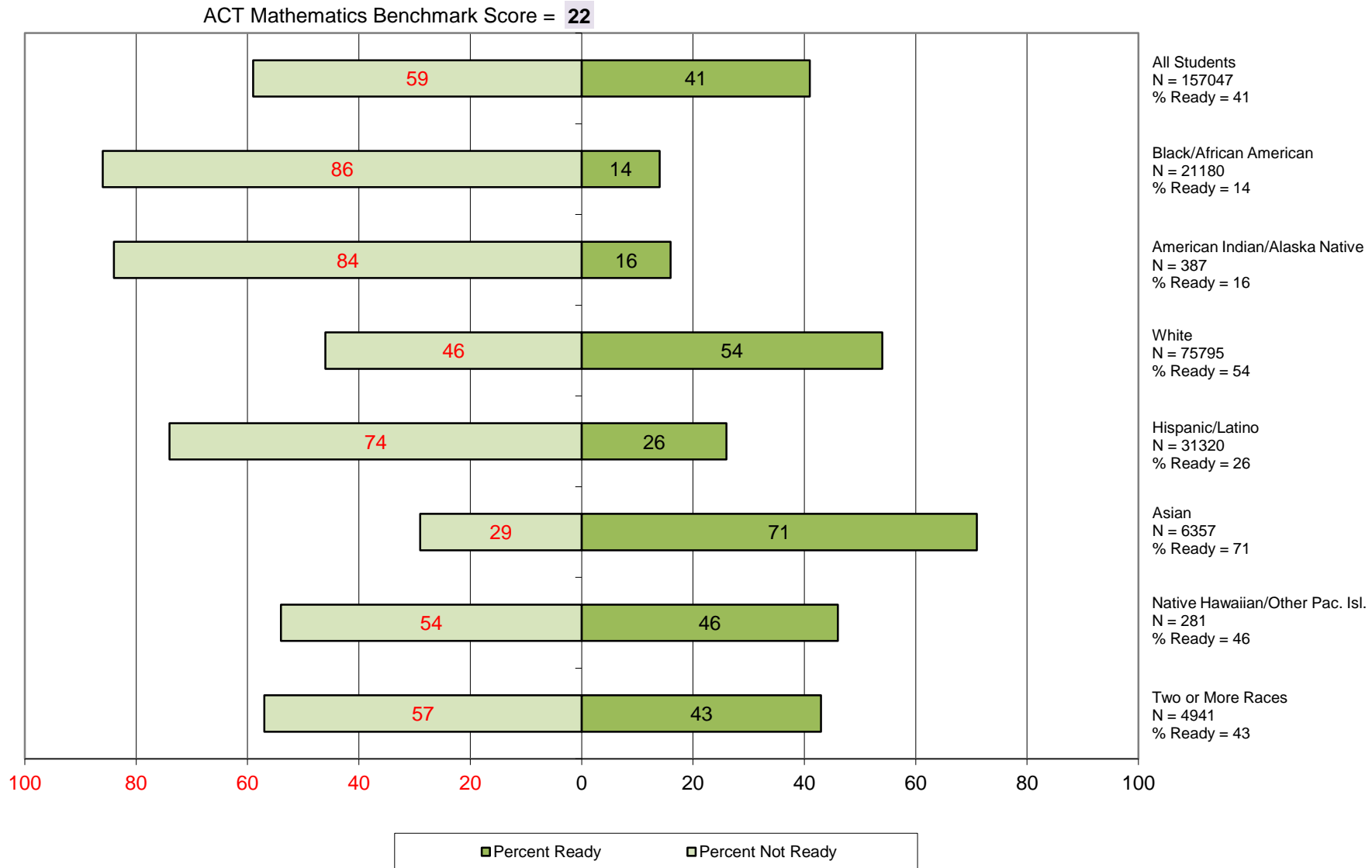


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

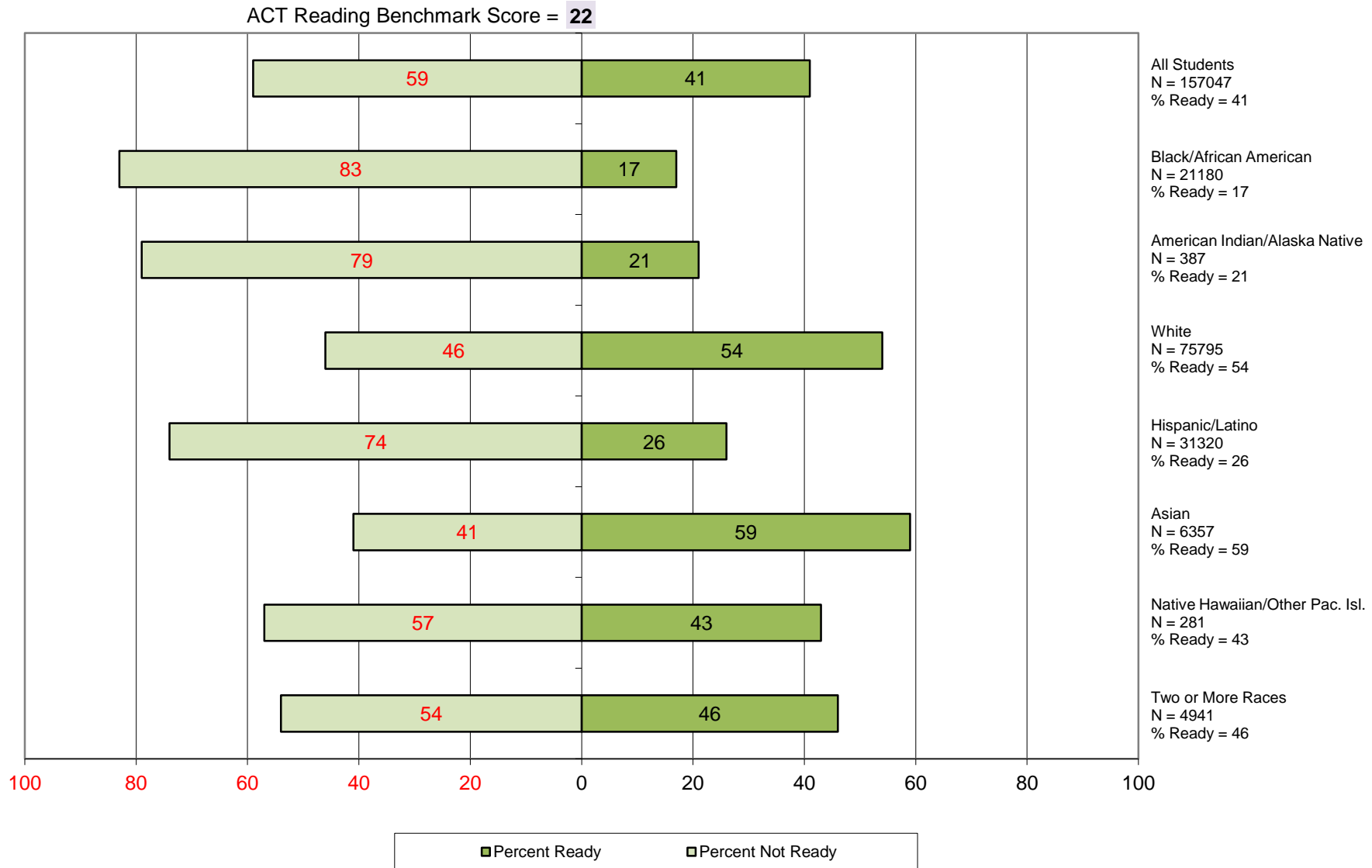


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

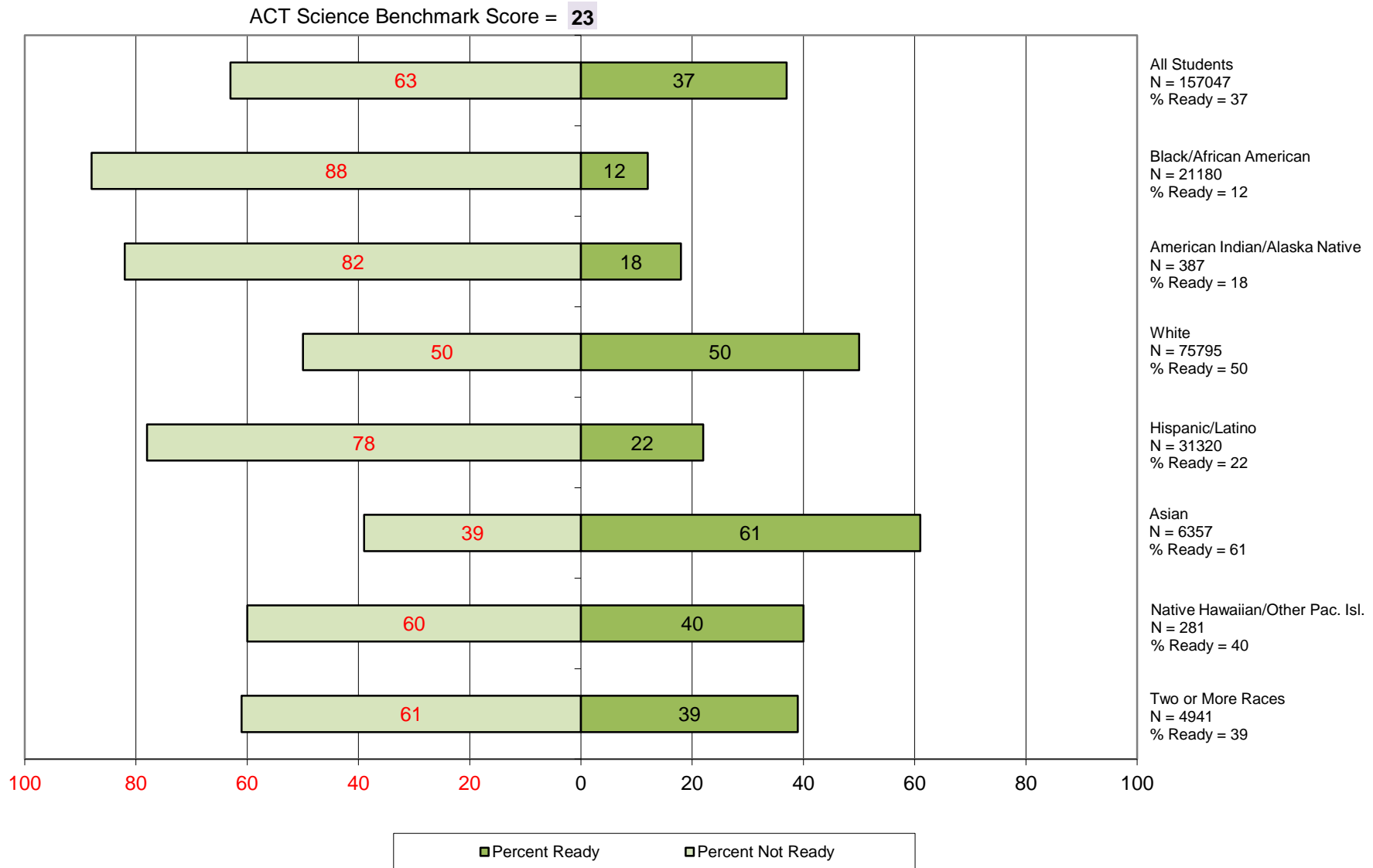
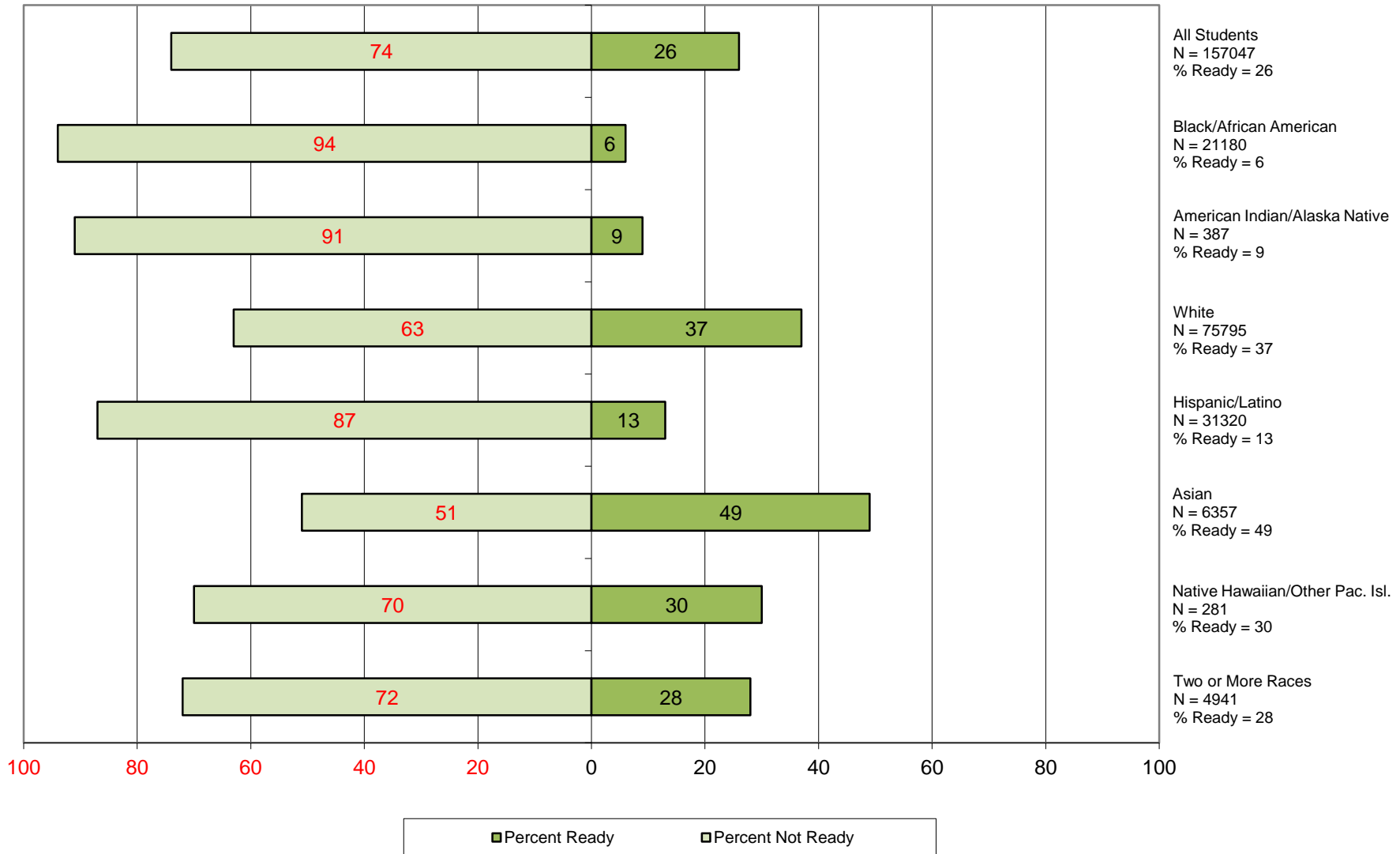


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 157,047

**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	27,257	17	22.2	6.0	11,774	15	21.6	5.7	15,467	20	22.6	6.1
Eng 9, Eng 10, Eng 11, Eng 12	100,013	64	20.9	4.7	50,236	64	20.5	4.6	49,713	63	21.3	4.8
Less than 4 years of English	11,688	7	16.2	-	6,494	8	15.9	-	5,172	7	16.5	-
Zero years / no English courses reported	18,089	12	17.2	-	9,808	13	16.8	-	8,105	10	17.7	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	11,322	7	24.0	7.6	5,329	7	24.7	8.3	5,991	8	23.4	7.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	16,040	10	21.9	5.5	6,403	8	22.3	5.9	9,633	12	21.6	5.3
Alg 1, Alg 2, Geom, & Trig	15,520	10	19.4	3.0	7,240	9	19.7	3.3	8,264	11	19.2	2.9
Alg 1, Alg 2, Geom, & Other Adv Math	17,550	11	20.1	3.7	7,691	10	20.4	4.0	9,854	13	19.8	3.5
Other comb of 4 or more years of Math	37,559	24	24.5	8.1	19,996	26	25.1	8.7	17,548	22	23.9	7.6
Alg 1, Alg 2, & Geom	23,357	15	17.3	0.9	12,332	16	17.4	1.0	10,991	14	17.1	0.8
Other comb of 3 or 3.5 years of Math	6,683	4	20.2	3.8	3,403	4	20.5	4.1	3,270	4	19.9	3.6
Less than 3 years of Math	10,209	7	16.4	-	5,649	7	16.4	-	4,543	6	16.3	-
Zero years / no Math courses reported	18,807	12	18.2	-	10,269	13	18.4	-	8,363	11	18.1	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	2,735	2	21.4	2.6	1,494	2	21.2	2.7	1,240	2	21.8	2.6
Other comb of 4 or more years Social Science	47,954	31	22.5	3.7	22,883	29	22.3	3.8	25,043	32	22.6	3.4
US Hist, World Hist, & Am Gov	6,216	4	18.9	0.1	3,382	4	18.6	0.1	2,830	4	19.2	0.0
Other comb of 3 or 3.5 years of Social Science	47,596	30	21.8	3.0	22,622	29	21.5	3.0	24,938	32	22.0	2.8
Less than 3 years of Social Science	33,804	22	18.8	-	17,733	23	18.5	-	16,036	20	19.2	-
Zero years / no Social Science courses reported	18,742	12	18.2	-	10,198	13	17.8	-	8,370	11	18.8	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	46,363	30	21.8	3.9	23,281	30	22.3	4.7	23,055	29	21.4	3.1
Bio, Chem, Phys	38,063	24	23.1	5.2	18,619	24	23.7	6.1	19,425	25	22.4	4.1
Gen Sci <sup>2</sup> , Bio, Chem	24,690	16	19.6	1.7	10,760	14	19.5	1.9	13,908	18	19.6	1.3
Other comb of 3 years of Natural Science	2,958	2	18.5	0.6	1,718	2	19.1	1.5	1,236	2	17.7	-0.6
Less than 3 years of Natural Science	25,834	16	17.9	-	13,528	17	17.6	-	12,277	16	18.3	-
Zero years / no Natural Science courses reported	19,139	12	18.2	-	10,406	13	18.3	-	8,556	11	18.1	-

<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: 157,047

**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	27,257	17	22.2	75	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	100,013	64	20.9	67	1,359,318	71	20.6	65
Less than 4 years of English	11,688	7	16.2	36	93,944	5	15.9	36
Zero years / no English courses reported	18,089	12	17.2	43	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	11,322	7	24.0	67	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	16,040	10	21.9	55	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	15,520	10	19.4	33	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	17,550	11	20.1	37	362,476	19	19.4	30
Other comb of 4 or more years of Math	37,559	24	24.5	69	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	23,357	15	17.3	12	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	6,683	4	20.2	38	95,502	5	19.8	34
Less than 3 years of Math	10,209	7	16.4	8	78,951	4	16.3	8
Zero years / no Math courses reported	18,807	12	18.2	23	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	2,735	2	21.4	45	48,944	3	22.3	51
Other comb of 4 or more years Social Science	47,954	31	22.5	53	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	6,216	4	18.9	27	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	47,596	30	21.8	47	527,956	27	21.4	46
Less than 3 years of Social Science	33,804	22	18.8	28	194,720	10	19.5	34
Zero years / no Social Science courses reported	18,742	12	18.2	25	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	46,363	30	21.8	46	807,744	42	22.2	48
Bio, Chem, Phys	38,063	24	23.1	55	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	24,690	16	19.6	27	512,754	27	20.1	30
Other comb of 3 years of Natural Science	2,958	2	18.5	21	54,439	3	19.1	24
Less than 3 years of Natural Science	25,834	16	17.9	17	227,926	12	18.1	18
Zero years / no Natural Science courses reported	19,139	12	18.2	20	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: 157,047

**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	2,044	1	19.8	445	3	16.5	1,476	1	20.9
Architecture	1,392	1	20.2	131	1	16.0	1,163	1	20.8
Area, Ethnic, & Multidisciplinary Studies	162	0	21.4	20	0	15.5	125	0	22.6
Arts: Visual & Performing	10,184	6	19.9	1,271	10	16.6	8,150	7	20.6
Business	13,961	9	21.9	988	8	16.8	12,283	11	22.3
Communications	2,724	2	21.8	161	1	17.0	2,433	2	22.3
Community, Family, & Personal Services	7,437	5	17.8	1,585	12	16.2	5,303	5	18.4
Computer Science & Mathematics	4,520	3	22.7	388	3	17.8	3,885	3	23.3
Education	7,520	5	20.8	373	3	16.1	6,829	6	21.1
Engineering	10,132	6	24.0	694	5	16.5	8,882	8	24.7
Engineering Technology & Drafting	2,493	2	19.4	590	5	16.1	1,746	2	20.7
English & Foreign Languages	1,492	1	24.1	81	1	18.3	1,329	1	24.5
Health Administration & Assisting	3,573	2	18.2	420	3	16.1	2,918	3	18.6
Health Sciences & Technologies	24,082	15	21.3	1,243	10	16.5	21,932	20	21.6
Philosophy, Religion, & Theology	486	0	22.1	27	0	18.5	418	0	22.5
Repair, Production, & Construction	3,196	2	17.3	1,571	12	16.7	1,317	1	18.3
Sciences: Biological & Physical	6,652	4	24.4	117	1	17.2	6,239	6	24.6
Social Sciences & Law	11,664	7	21.4	441	3	16.5	10,623	10	21.7
Undecided	15,821	10	22.1	1,091	8	16.6	12,452	11	22.9
No Response	26,848	17	18.0	1,054	8	14.8	1,889	2	16.8

<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: 157,047

**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	3,950	16.2	642	14.3	11	15.0	1,794	17.2	871	15.6
2-yr College Degree	8,982	16.4	1,363	14.7	31	14.7	3,868	17.5	2,437	15.7
Bachelors Degree	62,647	20.5	7,973	17.0	148	17.4	33,411	22.1	12,829	18.6
Graduate Study	22,289	24.0	2,254	19.3	44	18.7	13,213	25.4	3,302	21.2
Prof. Level Degree	26,804	23.3	4,144	19.4	50	20.8	12,009	25.2	5,082	21.0
Other	3,274	17.3	419	15.2	18	16.8	1,492	18.2	716	16.6
No Response	29,101	18.7	4,385	15.9	85	16.2	10,008	20.8	6,083	17.2

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	3,950	16.2	72	18.7	9	13.9	81	17.1	470	15.7
2-yr College Degree	8,982	16.4	79	17.2	8	17.9	217	17.5	979	16.2
Bachelors Degree	62,647	20.5	1,871	22.1	111	20.5	1,960	20.8	4,344	19.5
Graduate Study	22,289	24.0	1,182	26.2	44	24.0	725	24.2	1,525	23.3
Prof. Level Degree	26,804	23.3	2,277	26.4	66	23.6	1,102	23.3	2,074	23.1
Other	3,274	17.3	102	19.8	3	19.3	99	17.8	425	17.1
No Response	29,101	18.7	774	22.4	40	18.1	757	19.1	6,969	18.6

Total Students in Report: 157,047

**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 ILLINOIS-URBANA CHAMPAIGN	Illinois	18,507	6,983	11,524	1	5	16	25	27	21	5
NORTHERN ILLINOIS UNIVERSITY	Illinois	14,378	4,024	10,354	2	16	33	29	15	5	0
ILLINOIS STATE UNIVERSITY	Illinois	14,289	4,353	9,936	1	10	26	34	21	7	0
UNIVERSITY OF ILLINOIS AT CHICAGO	Illinois	14,220	4,193	10,027	2	13	28	29	19	8	1
SOUTHERN ILLINOIS UNIV-CARBONDALE	Illinois	9,772	2,444	7,328	2	15	33	29	15	5	0
DEPAUL UNIVERSITY	Illinois	8,129	2,278	5,851	2	14	28	29	19	7	1
LOYOLA UNIVERSITY OF CHICAGO	Illinois	7,418	1,820	5,598	1	11	24	28	23	11	1
WESTERN ILLINOIS UNIVERSITY	Illinois	7,361	2,043	5,318	2	16	38	28	12	3	0
EASTERN ILLINOIS UNIVERSITY	Illinois	6,611	1,495	5,116	2	16	33	30	14	4	0
SOUTHERN ILLINOIS UNIV-EDWARDSVILLE	Illinois	6,367	1,904	4,463	2	11	30	32	18	7	1
UNIVERSITY OF CHICAGO	Illinois	5,674	1,385	4,289	1	12	26	24	17	14	6
STATE-NO COLLEGE PLANS	Iowa	5,006	5,005	1	14	39	29	13	4	1	0
UNIVERSITY OF IOWA	Iowa	4,718	1,194	3,524	0	4	18	32	29	15	2
UNIV OF WISCONSIN-MADISON	Wisconsin	4,371	886	3,485	0	3	12	21	29	29	6
COLUMBIA COLLEGE CHICAGO	Illinois	4,196	1,642	2,554	3	21	33	25	13	5	0
COLLEGE OF DU PAGE	Illinois	3,863	1,995	1,868	4	20	33	26	12	5	1
NCAA ELIGIBILITY CENTER	Indiana	3,609	1,572	2,037	2	12	26	28	20	10	2
NORTHEASTERN ILLINOIS UNIVERSITY	Illinois	3,423	714	2,709	4	27	40	22	6	1	0
BRADLEY UNIVERSITY	Illinois	3,355	895	2,460	1	8	18	32	27	13	2
UNIV OF MISSOURI-COLUMBIA	Missouri	3,219	991	2,228	0	3	15	32	33	16	1
JOLIET JUNIOR COLLEGE	Illinois	2,999	1,499	1,500	5	24	34	24	11	2	0
NORTHWESTERN UNIVERSITY	Illinois	2,798	676	2,122	0	4	11	16	23	31	14
HARPER COLLEGE	Illinois	2,729	1,383	1,346	3	19	29	26	14	8	2
ILLINOIS INSTITUTE OF ART THE	Illinois	2,708	726	1,982	4	24	38	22	10	2	0
ILLINOIS CENTRAL COLLEGE	Illinois	2,681	1,558	1,123	4	20	30	27	13	5	1
MICHIGAN STATE UNIVERSITY	Michigan	2,587	562	2,025	1	10	21	29	25	13	1
IOWA STATE UNIVERSITY	Iowa	2,560	582	1,978	1	7	19	29	25	17	2
PURDUE UNIVERSITY	Indiana	2,513	579	1,934	0	2	6	17	31	35	9
UNIVERSITY OF ILLINOIS-SPRINGFIELD	Illinois	2,509	462	2,047	2	16	30	28	17	7	1
UNIVERSITY OF MICHIGAN-ANN ARBOR	Michigan	2,470	435	2,035	0	3	12	20	25	29	11
All Other Institutions		218,320	61,683	156,637	3	17	28	24	16	10	2
<b>Total</b>		<b>393,360</b>	<b>117,961</b>	<b>275,399</b>	<b>3</b>	<b>15</b>	<b>27</b>	<b>25</b>	<b>17</b>	<b>10</b>	<b>2</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: 157,047

**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>129,752</b>	<b>1,108,908</b>	<b>20.1</b>	<b>21.0</b>	<b>6.7</b>	<b>6.9</b>	<b>19.3</b>	<b>20.2</b>
Black/African American	17,064	136,380	16.2	16.3	5.9	6.0	15.8	15.9
American Indian/Alaska Native	327	7,142	15.9	16.5	5.7	5.9	15.4	16.0
White	60,607	567,060	22.2	22.8	7.0	7.1	21.1	21.8
Hispanic/Latino	27,339	196,970	17.6	18.4	6.6	6.7	17.4	18.1
Asian	5,010	68,736	24.3	23.9	7.7	7.6	23.3	23.0
Native Hawaiian/Other Pac. Isl.	234	4,070	20.9	18.0	7.1	6.5	20.3	17.6
Two or more races	4,132	45,517	20.9	21.3	6.8	6.9	20.0	20.4
Prefer not/No Response	15,039	83,033	18.7	20.8	6.3	6.7	18.0	19.9
Males	65,275	507,737	19.5	20.7	6.3	6.6	18.6	19.7
Females	64,203	590,537	20.6	21.4	7.0	7.1	20.1	20.8
Missing	274	10,634	14.8	16.0	5.4	5.6	14.2	15.4





