



# Profile Report - State

Graduating Class 2015

Connecticut





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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

50% 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:** 13,175 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. 81% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 1% of the cohort took less than three years of math courses. Of these students, 30% were college ready. 5% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 21% of these students were college ready. In comparison, 72% 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. 29% of these students were college ready. In comparison, 63% 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 24% 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

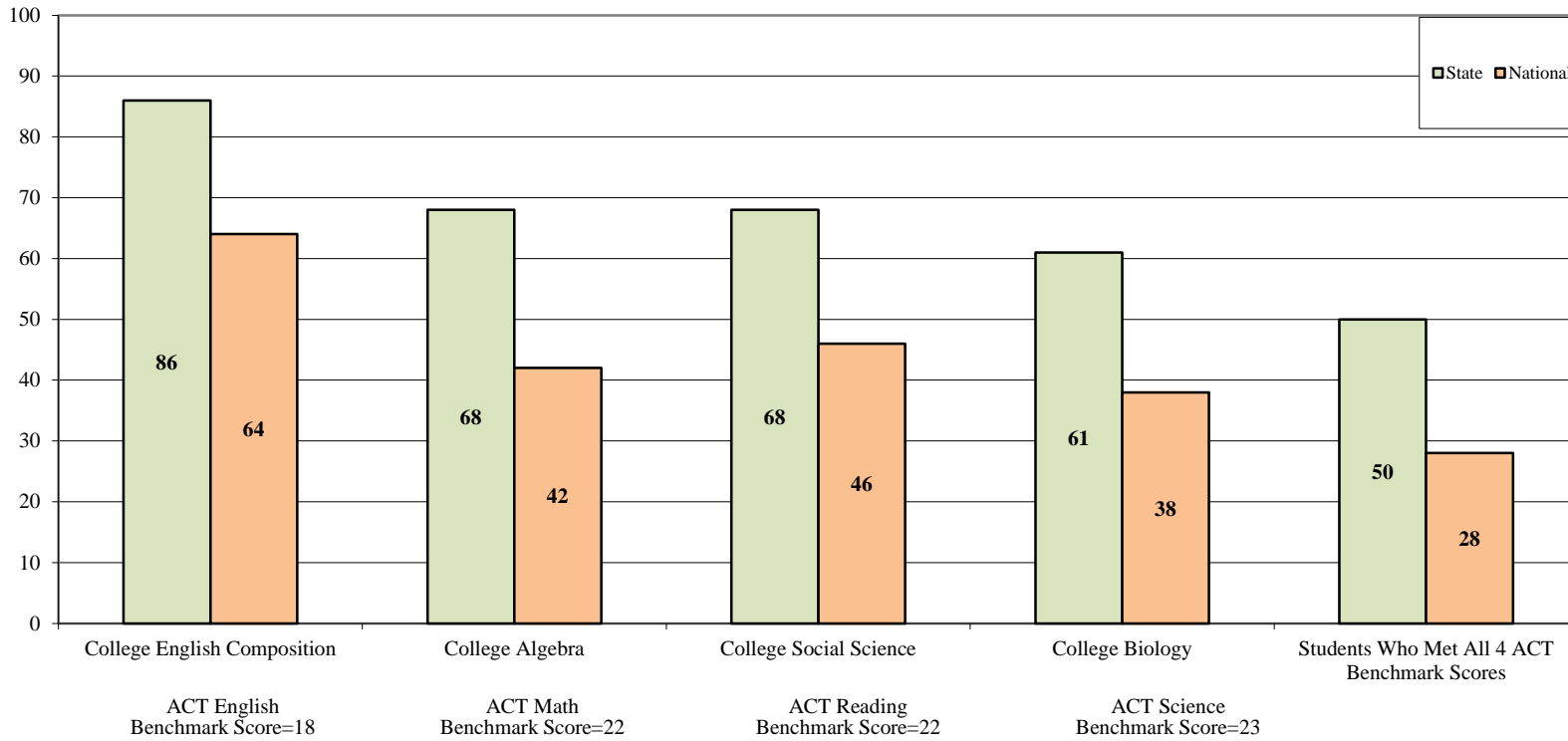
## Executive Summary

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: 13,175

**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	10,809	1,623,112	86	66	68	45	72	52	46	30	42	25
2012	11,192	1,666,017	86	67	68	46	71	52	48	31	43	25
2013	11,551	1,799,243	86	64	68	44	66	44	56	36	46	26
2014	12,044	1,845,787	86	64	69	43	65	44	59	37	48	26
<b>2015</b>	<b>13,175</b>	<b>1,924,436</b>	<b>86</b>	<b>64</b>	<b>68</b>	<b>42</b>	<b>68</b>	<b>46</b>	<b>61</b>	<b>38</b>	<b>50</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	10,809	1,623,112	24.0	20.6	23.9	21.1	24.1	21.3	23.1	20.9	23.9	21.1
2012	11,192	1,666,017	23.9	20.5	23.8	21.1	23.9	21.3	23.2	20.9	23.8	21.1
2013	11,551	1,799,243	24.0	20.2	23.9	20.9	24.4	21.1	23.3	20.7	24.0	20.9
2014	12,044	1,845,787	24.2	20.3	24.1	20.9	24.5	21.3	23.6	20.8	24.2	21.0
<b>2015</b>	<b>13,175</b>	<b>1,924,436</b>	<b>24.5</b>	<b>20.4</b>	<b>24.1</b>	<b>20.8</b>	<b>24.7</b>	<b>21.4</b>	<b>23.8</b>	<b>20.9</b>	<b>24.4</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: 13,175

**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	8,886	1,736	82	16	24.3	23.2	24.2	23.0	24.4	23.3	23.3	22.2	24.1	23.1
2012	9,089	1,867	81	17	24.1	22.9	24.0	22.9	24.2	23.1	23.4	22.3	24.0	22.9
2013	9,293	1,767	80	15	24.3	23.3	24.2	23.2	24.7	23.5	23.6	22.5	24.3	23.3
2014	9,704	1,942	81	16	24.5	23.4	24.4	23.3	24.7	23.7	23.9	22.8	24.5	23.4
<b>2015</b>	<b>10,657</b>	<b>2,083</b>	<b>81</b>	<b>16</b>	<b>24.8</b>	<b>23.5</b>	<b>24.4</b>	<b>23.2</b>	<b>24.9</b>	<b>23.8</b>	<b>24.1</b>	<b>23.0</b>	<b>24.7</b>	<b>23.5</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>10,809</b>	<b>100</b>	<b>23.9</b>	<b>11,192</b>	<b>100</b>	<b>23.8</b>	<b>11,551</b>	<b>100</b>	<b>24.0</b>	<b>12,044</b>	<b>100</b>	<b>24.2</b>	<b>13,175</b>	<b>100</b>	<b>24.4</b>
Black/African American	611	6	18.7	643	6	18.8	575	5	19.0	614	5	19.1	694	5	19.2
American Indian/Alaska Native	20	0	22.2	21	0	21.4	31	0	23.4	20	0	20.5	21	0	22.1
White	8,117	75	24.4	8,150	73	24.2	8,160	71	24.5	8,496	71	24.6	9,245	70	24.8
Hispanic/Latino	656	6	21.4	734	7	21.8	795	7	22.0	937	8	22.1	1,020	8	22.2
Asian	479	4	25.4	578	5	25.5	572	5	25.3	694	6	25.6	792	6	25.8
Native Hawaiian/Other Pacific Islander	1	0	17.0	18	0	23.1	15	0	23.8	13	0	23.2	16	0	27.0
Two or more races	182	2	23.4	265	2	23.7	274	2	23.9	308	3	23.8	358	3	24.4
Prefer not to respond/No response	743	7	24.4	783	7	24.7	1,129	10	24.2	962	8	25.2	1,029	8	25.2

Total Students in Report: 13,175

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



Total Students in Report: 13,175

**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	12,522	95	24.5	24.1	24.6	23.8	24.4
	Extended Time	653	5	23.8	23.2	25.8	23.8	24.3
	Total	13,175	100	24.5	24.1	24.7	23.8	24.4
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	87	68	68	61	50
	Extended Time	84	59	72	57	48
	Total	86	68	68	61	50
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: 13,175

**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	103	100	123	100	199	100	155	100	23	100	36
35	425	99	190	99	271	98	235	99	121	100	35
34	577	96	323	98	532	96	329	97	271	99	34
33	425	92	258	95	687	92	255	95	393	97	33
32	589	88	375	93	582	87	414	93	448	94	32
31	558	84	356	90	564	83	220	89	583	90	31
30	394	80	451	88	689	78	373	88	577	86	30
29	444	77	544	84	566	73	375	85	687	82	29
28	698	73	951	80	569	69	502	82	723	76	28
27	535	68	986	73	610	65	675	78	848	71	27
26	843	64	1,149	65	581	60	913	73	898	65	26
25	987	58	896	57	600	56	1,228	66	967	58	25
24	834	50	893	50	826	51	1,322	57	979	50	24
23	856	44	856	43	838	45	1,069	47	914	43	23
22	770	37	573	37	819	38	811	39	831	36	22
21	858	31	456	32	788	32	995	33	758	30	21
20	629	25	575	29	656	26	617	25	679	24	20
19	483	20	573	24	582	21	734	20	610	19	19
18	378	16	598	20	507	17	457	15	512	14	18
17	298	14	730	16	340	13	400	11	406	10	17
16	398	11	668	10	329	10	339	8	343	7	16
15	387	8	358	5	313	8	228	6	207	5	15
14	197	5	173	2	262	6	160	4	181	3	14
13	127	4	73	1	151	4	136	3	107	2	13
12	110	3	31	1	176	2	85	2	64	1	12
11	94	2	6	1	57	1	74	1	28	1	11
10	85	1	5	1	47	1	43	1	8	1	10
9	41	1	1	1	8	1	12	1	4	1	9
8	27	1	0	1	11	1	4	1	4	1	8
7	18	1	0	1	9	1	7	1	1	1	7
6	3	1	3	1	3	1	5	1	0	1	6
5	2	1	0	1	1	1	1	1	0	1	5
4	1	1	1	1	1	1	1	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	1	1	0	1	1	1	1	1	0	1	1
Avg (SD)	24.5 (6.1)		24.1 (5.4)		24.7 (6.2)		23.8 (5.3)		24.4 (5.2)		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: 13,175

**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	1,197	100	507	100	830	100	1,165	100	1,134	100	240	100	288	100	18
17	1,501	91	459	96	1,163	94	1,216	91	987	91	314	98	121	98	17
16	831	80	1,613	93	1,340	85	1,243	82	1,472	84	676	96	1,246	97	16
15	1,355	73	1,343	80	1,207	75	1,557	72	1,158	73	1,432	91	1,496	87	15
14	773	63	1,398	70	958	66	1,164	61	1,203	64	1,954	80	1,716	76	14
13	1,100	57	1,585	60	1,408	58	1,142	52	1,503	55	1,701	65	1,561	63	13
12	1,125	49	1,460	48	1,403	48	1,073	43	1,427	43	1,263	52	1,513	51	12
11	1,456	40	1,438	37	1,087	37	977	35	841	33	1,659	42	1,328	40	11
10	1,100	29	883	26	1,177	29	808	28	912	26	1,486	30	1,345	30	10
9	839	21	949	19	710	20	779	21	740	19	1,099	19	1,105	19	9
8	689	14	638	12	825	14	592	16	702	14	615	10	593	11	8
7	476	9	330	7	585	8	524	11	689	8	380	6	373	7	7
6	323	6	250	4	224	4	514	7	256	3	102	3	212	4	6
5	185	3	172	2	144	2	227	3	77	1	130	2	149	2	5
4	142	2	94	1	44	1	155	1	50	1	45	1	53	1	4
3	55	1	40	1	26	1	23	1	17	1	55	1	45	1	3
2	23	1	15	1	26	1	13	1	5	1	5	1	3	1	2
1	5	1	1	1	18	1	3	1	2	1	19	1	28	1	1
Avg (SD)	12.6 (3.7)		12.5 (3.2)		12.6 (3.4)		12.8 (3.7)		12.8 (3.4)		12.1 (2.8)		12.1 (3.0)		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	28	30	27	28
Q2 (50th Percentile)	24	25	24	24	24
Q1 (25th Percentile)	21	20	20	20	21

Total Students in Report: 13,175

**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>13,175</b>	<b>81</b>	<b>24.7</b>	<b>23.5</b>
	Black/African American	694	71	19.7	18.3
	American Indian/Alaska Native	21	86	21.9	23.0
	White	9,245	84	25.0	24.2
	Hispanic/Latino	1,020	78	22.4	21.3
	Asian	792	77	26.2	25.0
	Native Hawaiian/Other Pac. Isl.	16	69	28.0	22.8
	Two or more races	358	81	24.5	24.0
	Prefer not/No Response	1,029	68	25.9	25.1
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>	24.5	24.1	24.7	23.8	24.4
	Black/African American	18.8	19.1	19.6	19.0	19.2
	American Indian/Alaska Native	21.7	22.3	22.2	21.5	22.1
	White	25.0	24.4	25.1	24.2	24.8
	Hispanic/Latino	22.0	21.9	22.4	21.8	22.2
	Asian	25.4	27.3	24.9	25.3	25.8
	Native Hawaiian/Other Pac. Isl.	25.9	26.9	27.5	27.2	27.0
	Two or more races	24.5	23.8	25.0	23.8	24.4
	Prefer not/No Response	25.3	24.7	25.7	24.4	25.2
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: 13,175

**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	1,530	12	894	7	1,689	13	974	7
	28 to 32	2,683	20	2,677	20	2,970	23	1,884	14
	24 to 27	3,199	24	3,924	30	2,617	20	4,138	31
	20 to 23	3,113	24	2,460	19	3,101	24	3,492	27
	16 to 19	1,557	12	2,569	19	1,758	13	1,930	15
	13 to 15	711	5	604	5	726	6	524	4
	01 to 12	382	3	47	0	314	2	233	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	6,004	46	24.1	24.9	24.7	24.5	24.7
	Females	7,168	54	24.8	23.4	24.6	23.3	24.2
	Missing	3	0	18.0	18.3	17.3	17.0	17.7
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	85	72	68	66	54
	Females	88	64	68	58	47
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 13,175

**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>	10,657	88	24.8	70	24.4	70	24.9	64	24.1	52	24.7
	Less than Core	2,083	79	23.5	59	23.2	61	23.8	54	23.0	43	23.5
	Missing <sup>3</sup>	435	75	21.5	47	21.3	55	22.7	41	21.5	30	21.9
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>	12,548	87	24.6	12,620	69	24.2	11,200	68	24.7	12,236	63	24.1
	Less than Core	200	67	21.0	126	30	19.3	1,549	66	24.6	509	29	20.0
	Missing <sup>3</sup>	427	75	21.5	429	48	21.3	426	55	22.8	430	41	21.5
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

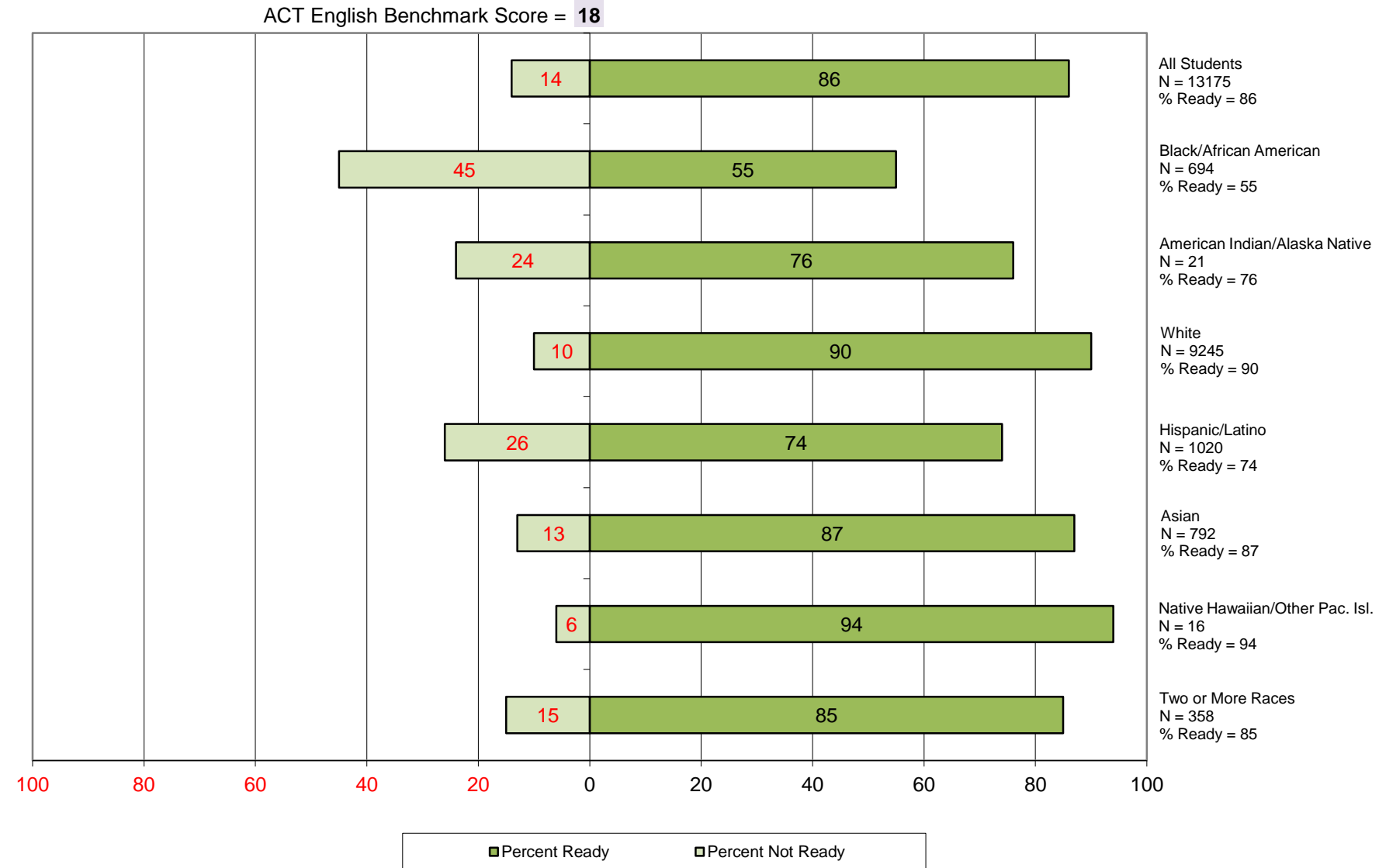


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

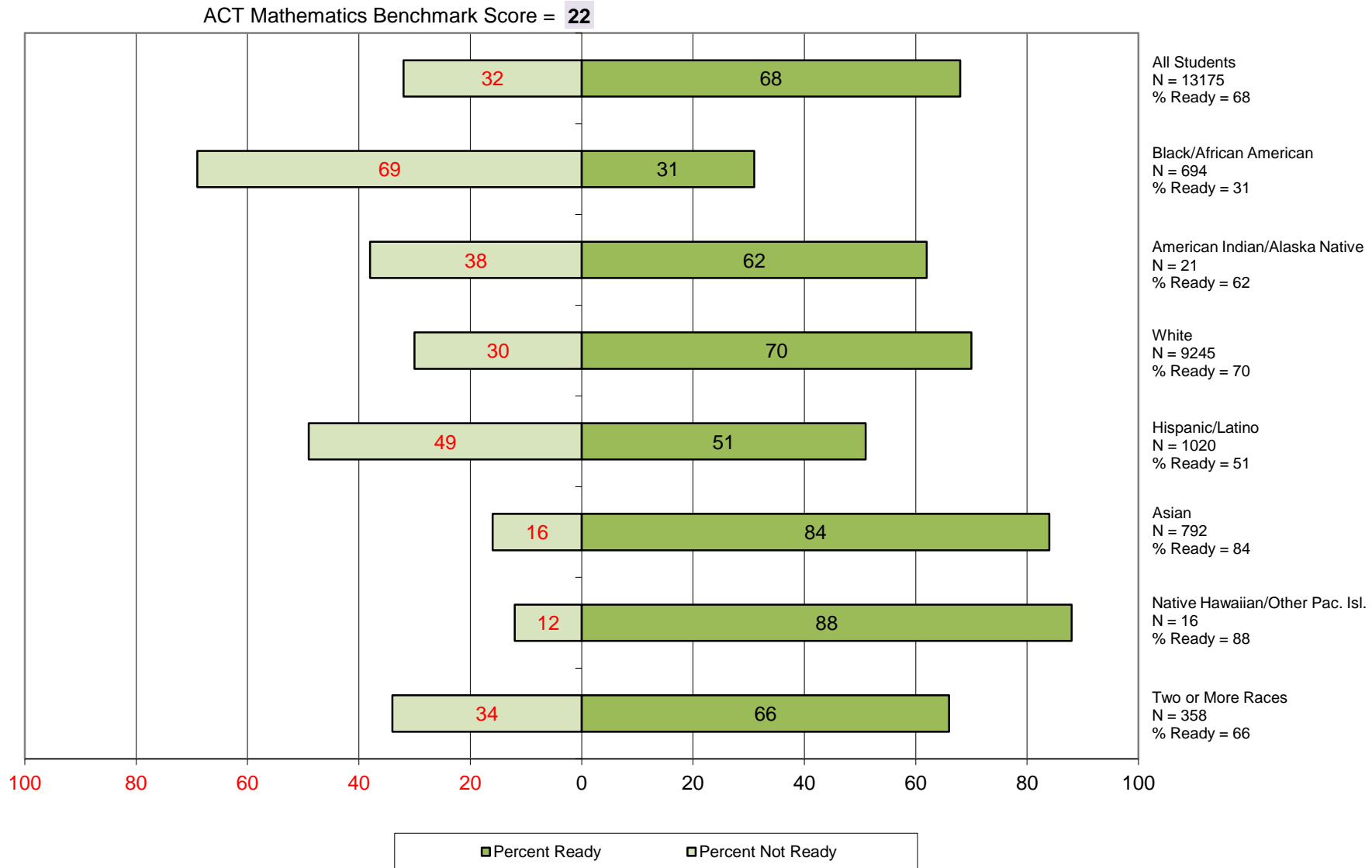


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

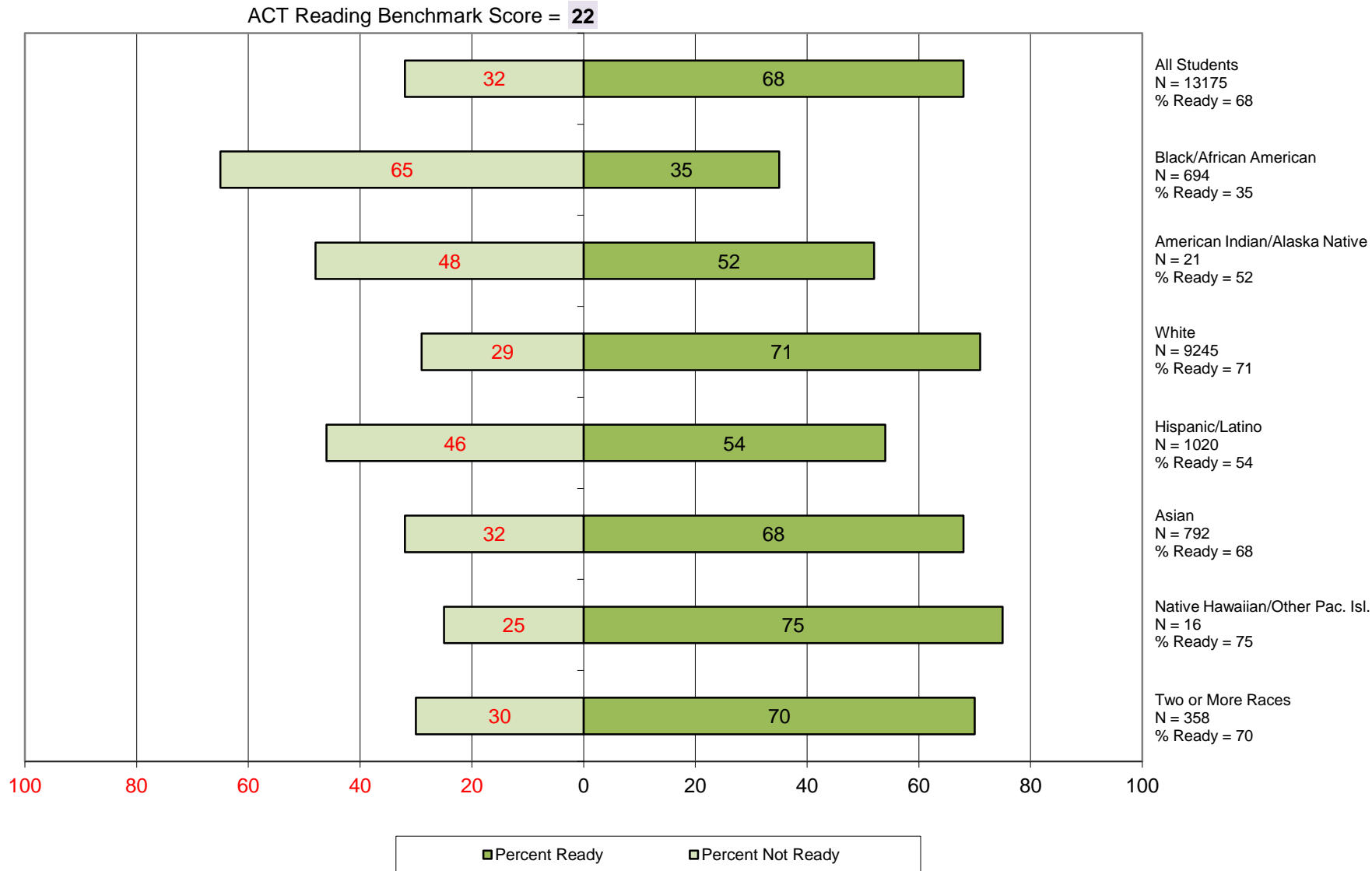


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

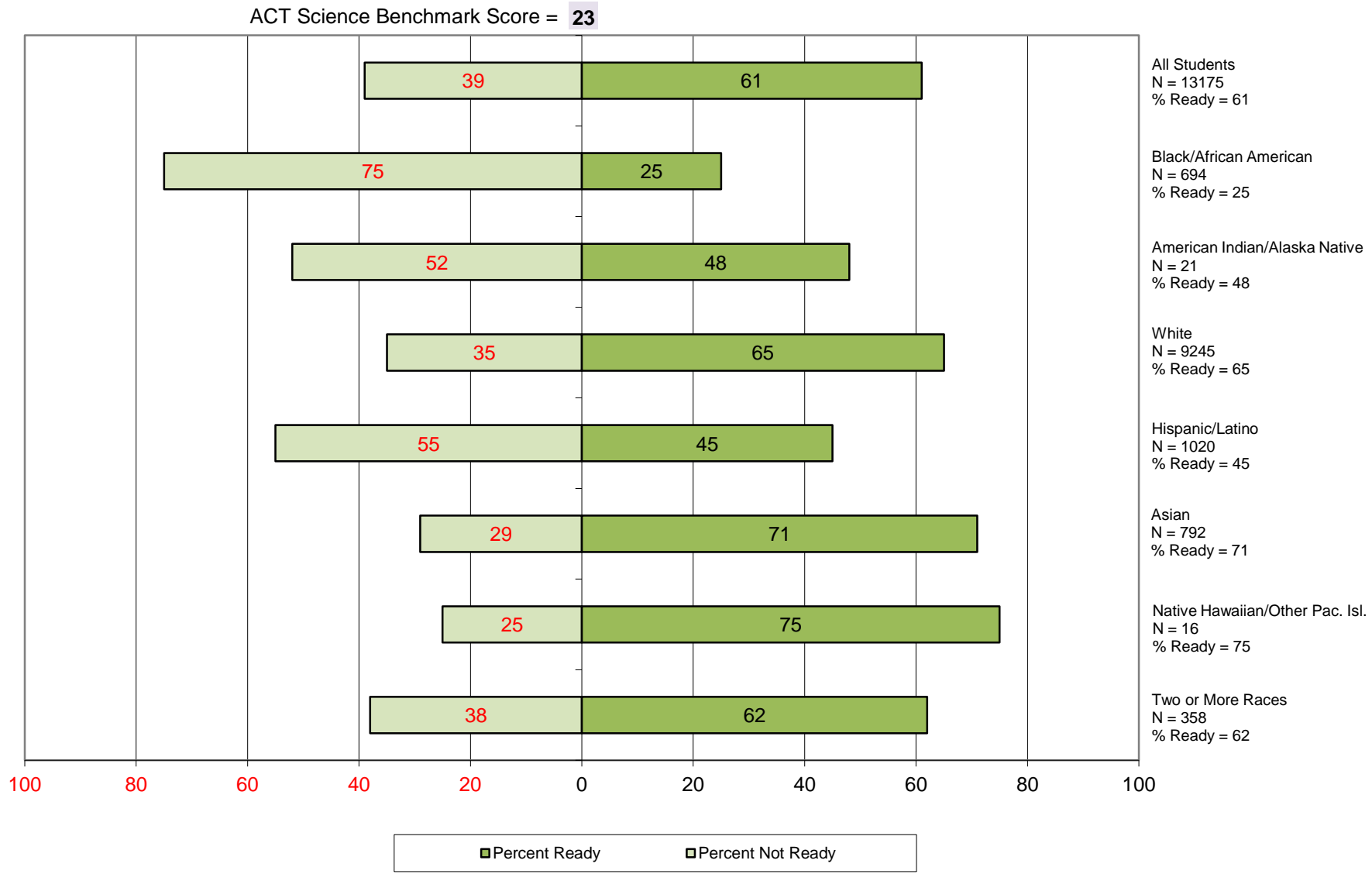
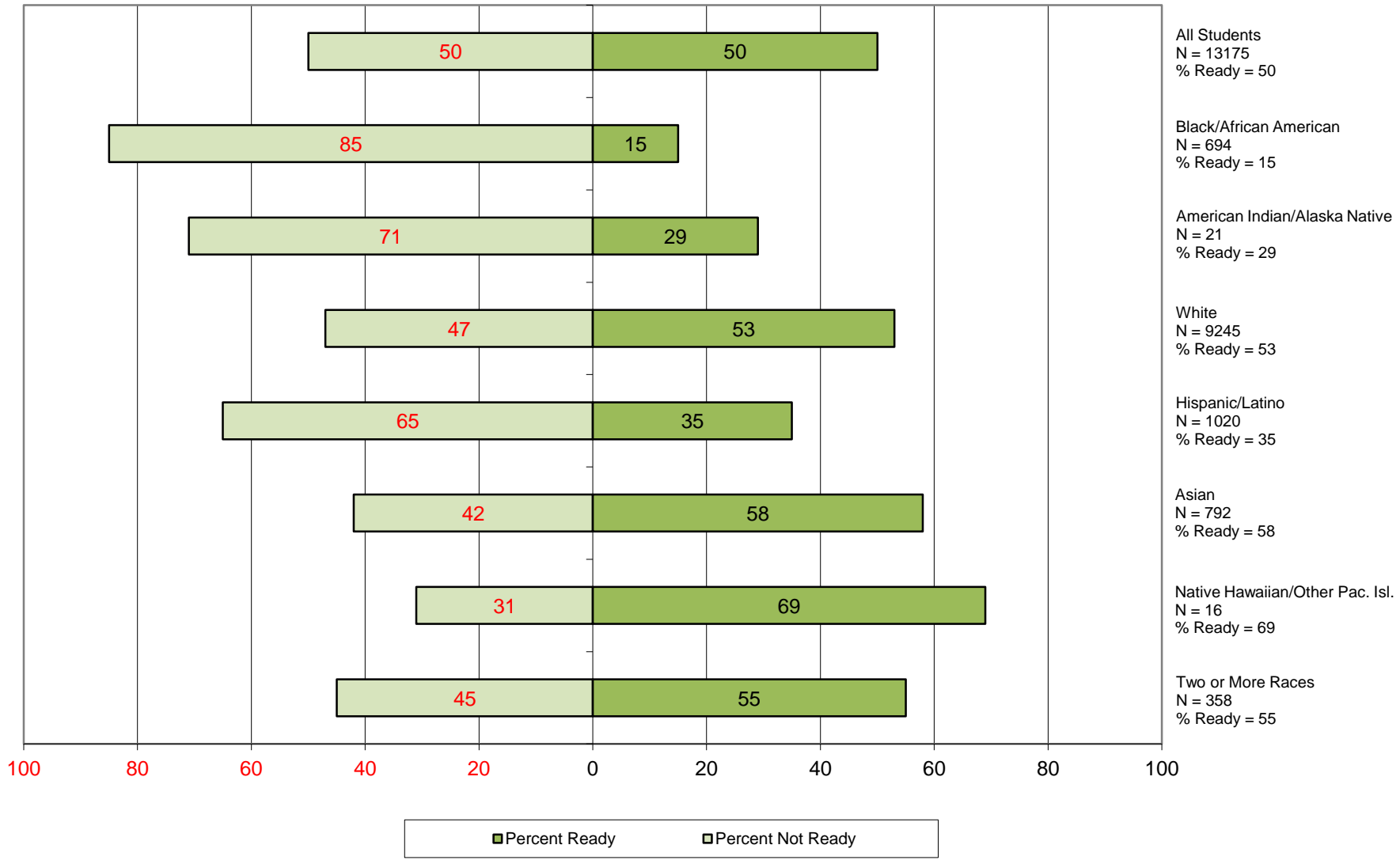


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 13,175

**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	3,337	25	24.9	3.9	1,386	23	24.6	4.2	1,950	27	25.2	3.8
Eng 9, Eng 10, Eng 11, Eng 12	9,211	70	24.5	3.5	4,247	71	24.3	3.9	4,962	69	24.8	3.4
Less than 4 years of English	200	2	21.0	-	90	1	20.4	-	110	2	21.4	-
Zero years / no English courses reported	427	3	21.5	-	281	5	20.7	-	146	2	23.1	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,195	9	26.4	7.1	530	9	27.1	8.0	665	9	25.8	6.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	937	7	22.9	3.6	349	6	23.3	4.2	588	8	22.7	3.3
Alg 1, Alg 2, Geom, & Trig	558	4	20.4	1.1	256	4	20.7	1.6	301	4	20.2	0.8
Alg 1, Alg 2, Geom, & Other Adv Math	2,246	17	21.2	1.9	831	14	21.7	2.6	1,414	20	21.0	1.6
Other comb of 4 or more years of Math	6,288	48	26.1	6.8	3,148	52	26.9	7.8	3,139	44	25.3	5.9
Alg 1, Alg 2, & Geom	684	5	18.3	-1.0	253	4	18.7	-0.4	431	6	18.1	-1.3
Other comb of 3 or 3.5 years of Math	712	5	23.8	4.5	308	5	24.1	5.0	404	6	23.6	4.2
Less than 3 years of Math	126	1	19.3	-	47	1	19.1	-	79	1	19.4	-
Zero years / no Math courses reported	429	3	21.3	-	282	5	21.0	-	147	2	21.8	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,257	10	25.7	1.1	620	10	25.2	0.6	637	9	26.1	1.4
Other comb of 4 or more years Social Science	5,193	39	24.7	0.1	2,368	39	24.9	0.3	2,823	39	24.5	-0.2
US Hist, World Hist, & Am Gov	1,133	9	24.2	-0.4	579	10	24.2	-0.4	553	8	24.2	-0.5
Other comb of 3 or 3.5 years of Social Science	3,617	27	24.7	0.1	1,438	24	24.9	0.3	2,179	30	24.5	-0.2
Less than 3 years of Social Science	1,549	12	24.6	-	719	12	24.6	-	830	12	24.7	-
Zero years / no Social Science courses reported	426	3	22.8	-	280	5	22.3	-	146	2	23.7	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	7,821	59	24.4	4.4	3,739	62	25.1	5.0	4,081	57	23.8	3.9
Bio, Chem, Phys	1,949	15	25.8	5.8	872	15	26.8	6.7	1,077	15	25.0	5.1
Gen Sci <sup>2</sup> , Bio, Chem	2,351	18	21.5	1.5	851	14	21.4	1.3	1,500	21	21.6	1.7
Other comb of 3 years of Natural Science	115	1	22.0	2.0	61	1	22.2	2.1	54	1	21.7	1.8
Less than 3 years of Natural Science	509	4	20.0	-	199	3	20.1	-	308	4	19.9	-
Zero years / no Natural Science courses reported	430	3	21.5	-	282	5	21.4	-	148	2	21.5	-

<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: 13,175

**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	3,337	25	24.9	88	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	9,211	70	24.5	87	1,359,318	71	20.6	65
Less than 4 years of English	200	2	21.0	67	93,944	5	15.9	36
Zero years / no English courses reported	427	3	21.5	75	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,195	9	26.4	86	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	937	7	22.9	65	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	558	4	20.4	40	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	2,246	17	21.2	49	362,476	19	19.4	30
Other comb of 4 or more years of Math	6,288	48	26.1	81	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	684	5	18.3	21	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	712	5	23.8	66	95,502	5	19.8	34
Less than 3 years of Math	126	1	19.3	30	78,951	4	16.3	8
Zero years / no Math courses reported	429	3	21.3	48	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,257	10	25.7	73	48,944	3	22.3	51
Other comb of 4 or more years Social Science	5,193	39	24.7	69	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	1,133	9	24.2	66	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	3,617	27	24.7	67	527,956	27	21.4	46
Less than 3 years of Social Science	1,549	12	24.6	66	194,720	10	19.5	34
Zero years / no Social Science courses reported	426	3	22.8	55	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	7,821	59	24.4	66	807,744	42	22.2	48
Bio, Chem, Phys	1,949	15	25.8	75	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	2,351	18	21.5	44	512,754	27	20.1	30
Other comb of 3 years of Natural Science	115	1	22.0	46	54,439	3	19.1	24
Less than 3 years of Natural Science	509	4	20.0	29	227,926	12	18.1	18
Zero years / no Natural Science courses reported	430	3	21.5	41	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: 13,175

**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	118	1	23.7	3	3	24.3	97	1	23.4
Architecture	98	1	23.5	0	0	.	79	1	23.6
Area, Ethnic, & Multidisciplinary Studies	21	0	25.2	0	0	.	19	0	24.7
Arts: Visual & Performing	538	4	23.4	6	6	16.0	458	4	23.5
Business	1,898	14	24.1	26	27	21.6	1,612	15	24.2
Communications	409	3	23.3	2	2	22.5	349	3	23.1
Community, Family, & Personal Services	136	1	20.5	6	6	14.7	116	1	20.8
Computer Science & Mathematics	369	3	26.6	2	2	20.5	304	3	26.5
Education	555	4	22.2	3	3	18.7	498	5	22.2
Engineering	1,177	9	26.7	5	5	19.0	1,006	10	26.6
Engineering Technology & Drafting	76	1	23.3	1	1	19.0	62	1	23.1
English & Foreign Languages	199	2	26.3	1	1	29.0	180	2	26.2
Health Administration & Assisting	184	1	20.7	0	0	.	165	2	20.9
Health Sciences & Technologies	1,768	13	23.3	9	9	18.6	1,560	15	23.4
Philosophy, Religion, & Theology	32	0	24.2	0	0	.	25	0	24.5
Repair, Production, & Construction	19	0	17.0	7	7	18.1	12	0	16.3
Sciences: Biological & Physical	1,225	9	26.1	1	1	21.0	1,045	10	26.0
Social Sciences & Law	1,093	8	23.9	4	4	18.8	951	9	23.9
Undecided	2,878	22	25.0	17	18	20.5	2,025	19	24.8
No Response	380	3	21.9	1	1	17.0	18	0	24.9

<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: 13,175

**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	56	21.0	2	14.5	0	.	38	21.4	4	17.5
2-yr College Degree	39	17.9	5	14.0	0	.	28	19.1	4	15.5
Bachelors Degree	4,321	22.7	199	17.5	6	21.5	3,328	23.2	326	19.9
Graduate Study	3,483	25.3	122	20.0	8	21.4	2,654	25.5	243	24.3
Prof. Level Degree	2,778	25.9	217	21.3	3	24.3	1,684	26.6	271	23.3
Other	121	21.5	12	17.3	0	.	69	23.0	14	19.4
No Response	2,377	24.6	137	18.4	4	22.8	1,444	25.4	158	22.2

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	56	21.0	8	22.1	0	.	1	31.0	3	18.7
2-yr College Degree	39	17.9	1	12.0	0	.	1	19.0	0	.
Bachelors Degree	4,321	22.7	165	23.4	5	22.4	116	22.9	176	23.3
Graduate Study	3,483	25.3	154	26.2	4	29.3	85	25.7	213	26.7
Prof. Level Degree	2,778	25.9	286	27.3	5	27.4	106	25.4	206	26.9
Other	121	21.5	13	20.6	0	.	3	20.0	10	21.2
No Response	2,377	24.6	165	26.0	2	33.0	46	23.8	421	24.5

Total Students in Report: 13,175

**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 CONNECTICUT	Connecticut	1,188	500	688	0	2	14	26	32	22	4
CENTRAL CONNECTICUT STATE UNIVERSITY	Connecticut	349	94	255	2	10	34	30	18	5	0
SOUTHERN CONNECTICUT STATE UNIVERSITY	Connecticut	298	76	222	1	13	38	28	16	4	0
QUINNIPIAC UNIVERSITY	Connecticut	282	69	213	1	3	20	30	33	12	1
EASTERN CONNECTICUT STATE UNIVERSITY	Connecticut	220	57	163	1	11	33	31	18	5	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	215	35	180	0	4	22	38	25	12	0
WESTERN CONNECTICUT STATE UNIVERSITY	Connecticut	197	47	150	2	15	35	23	19	7	1
NORTHEASTERN UNIVERSITY	Massachusetts	187	51	136	0	0	4	15	33	41	6
BOSTON UNIVERSITY	Massachusetts	186	41	145	0	0	10	16	39	31	4
UNIVERSITY OF NEW HAVEN	Connecticut	157	54	103	2	13	20	34	23	8	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	142	18	124	0	1	8	27	42	23	0
SACRED HEART UNIVERSITY	Connecticut	135	24	111	2	7	27	36	21	7	0
NCAA ELIGIBILITY CENTER	Indiana	132	84	48	1	5	16	33	26	17	2
UNIVERSITY OF HARTFORD	Connecticut	129	33	96	2	8	25	30	26	9	1
YALE UNIVERSITY	Connecticut	125	56	69	1	2	6	14	30	37	10
BOSTON COLLEGE	Massachusetts	121	47	74	0	0	4	7	31	50	7
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	113	20	93	0	3	12	37	36	12	0
UNIVERSITY OF VERMONT	Vermont	111	24	87	0	2	5	23	36	31	3
FORDHAM UNIVERSITY	New York	108	31	77	0	2	4	31	35	27	2
FAIRFIELD UNIVERSITY	Connecticut	101	19	82	2	4	21	28	33	13	0
NEW YORK UNIVERSITY	New York	98	30	68	0	2	6	16	32	34	10
BROWN UNIVERSITY	Rhode Island	77	19	58	0	0	5	6	21	42	26
ROGER WILLIAMS UNIVERSITY	Rhode Island	77	17	60	0	5	16	34	34	12	0
WORCESTER POLYTECHNIC INST	Massachusetts	76	18	58	0	0	4	20	24	47	5
SPRINGFIELD COLLEGE	Massachusetts	74	27	47	0	7	19	35	27	12	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	73	14	59	0	1	4	23	41	26	4
SYRACUSE UNIVERSITY	New York	71	19	52	0	0	11	31	37	18	3
TUFTS UNIVERSITY	Massachusetts	64	8	56	0	0	6	9	20	36	28
UNIVERSITY OF DELAWARE	Delaware	64	12	52	2	0	8	22	45	22	2
MARIST COLLEGE	New York	63	11	52	0	2	6	25	43	17	6
All Other Institutions		5,925	1,681	4,244	1	5	15	24	28	23	5
<b>Total</b>		<b>11,158</b>	<b>3,236</b>	<b>7,922</b>	<b>1</b>	<b>5</b>	<b>16</b>	<b>25</b>	<b>28</b>	<b>21</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: 13,175

**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>11,274</b>	<b>1,108,908</b>	<b>24.9</b>	<b>21.0</b>	<b>8.2</b>	<b>6.9</b>	<b>24.4</b>	<b>20.2</b>
Black/African American	555	136,380	19.5	16.3	7.3	6.0	19.5	15.9
American Indian/Alaska Native	19	7,142	22.2	16.5	7.9	5.9	22.1	16.0
White	7,886	567,060	25.4	22.8	8.3	7.1	24.8	21.8
Hispanic/Latino	879	196,970	22.4	18.4	7.9	6.7	22.2	18.1
Asian	722	68,736	25.7	23.9	8.2	7.6	24.9	23.0
Native Hawaiian/Other Pac. Isl.	13	4,070	28.2	18.0	8.1	6.5	26.5	17.6
Two or more races	298	45,517	25.2	21.3	8.2	6.9	24.5	20.4
Prefer not/No Response	902	83,033	25.9	20.8	8.2	6.7	25.0	19.9
Males	5,019	507,737	24.6	20.7	8.1	6.6	24.0	19.7
Females	6,252	590,537	25.2	21.4	8.4	7.1	24.7	20.8
Missing	3	10,634	18.0	16.0	6.7	5.6	18.0	15.4





