

ACT Profile Report - State

Graduating Class 2013
Connecticut



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This report provides information about the performance of your 2013 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 2013. 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.

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 for 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

How to Improve Scores and Increase College Readiness

46% 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: 11,551 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. 80% 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, 27% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 23% 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. 28% of these students were college ready. In comparison, 58% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 25% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

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.

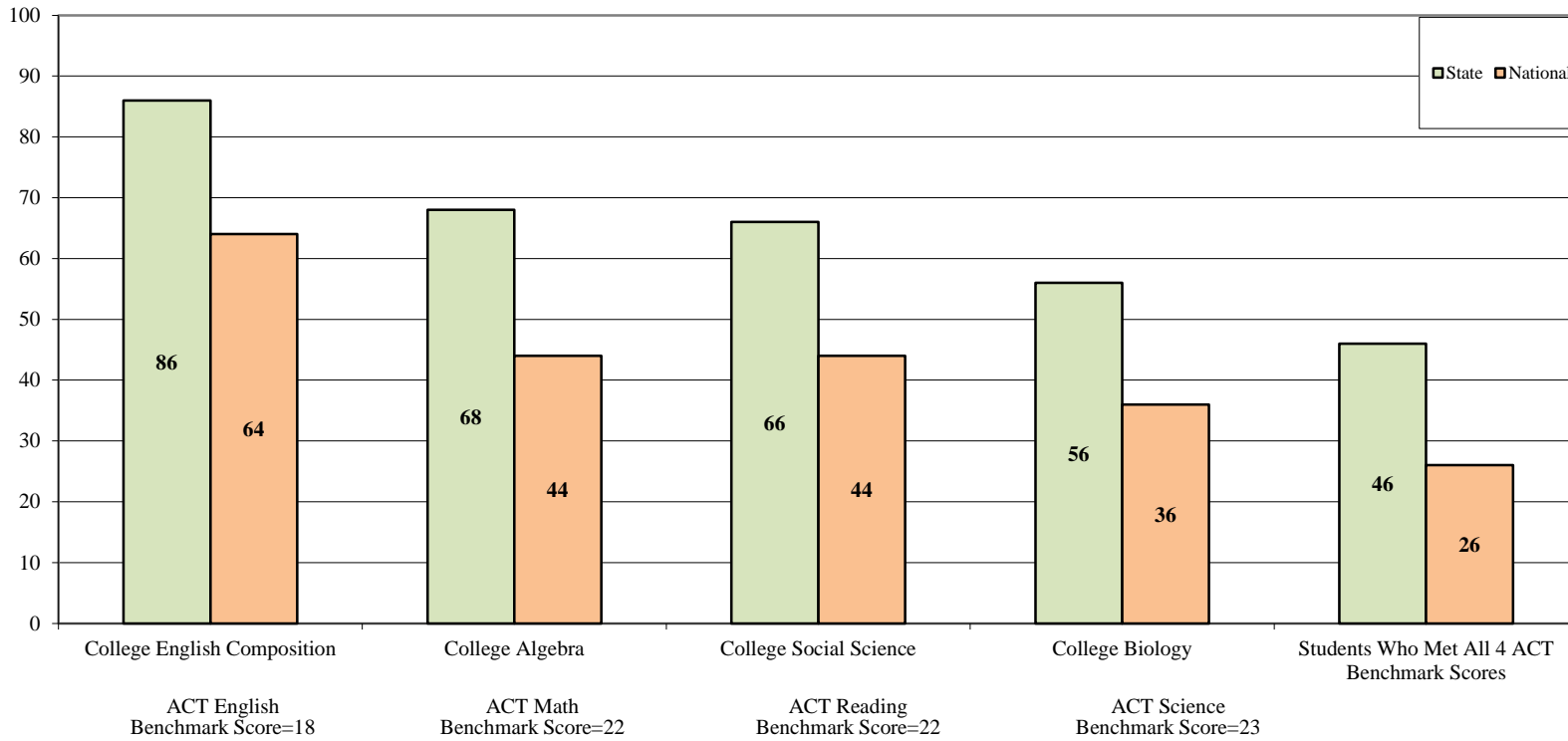
Section I

Executive Summary

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.

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: 11,551

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
			State	National	State	National	State	National	State	National	State	National
2009	9,240	1,480,469	85	67	63	42	71	53	41	28	37	23
2010	10,453	1,568,835	86	66	65	43	70	52	45	29	39	24
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

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2009	9,240	1,480,469	23.6	20.6	23.5	21.0	24.0	21.4	22.6	20.9	23.5	21.1
2010	10,453	1,568,835	23.8	20.5	23.5	21.0	23.9	21.3	22.9	20.9	23.7	21.0
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	1,799,243	20.2	20.9	21.1	20.7	20.9

Total Students in Report: 11,551

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	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
2009	7,318	1,590	79	17	24.0	22.5	23.8	22.4	24.4	22.8	22.9	21.8	23.9	22.5
2010	8,561	1,687	82	16	24.1	22.6	23.8	22.4	24.2	22.7	23.2	21.8	24.0	22.5
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

¹"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.

²Percent 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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	9,240	100	23.5	10,453	100	23.7	10,809	100	23.9	11,192	100	23.8	11,551	100	24.0
Black/African American	462	5	18.4	545	5	18.8	611	6	18.7	643	6	18.8	575	5	19.0
American Indian/Alaska Native	18	0	20.5	25	0	21.1	20	0	22.2	21	0	21.4	31	0	23.4
White	6,856	74	23.8	7,910	76	24.0	8,117	75	24.4	8,150	73	24.2	8,160	71	24.5
Hispanic/Latino	411	4	21.1	476	5	21.6	656	6	21.4	734	7	21.8	795	7	22.0
Asian	338	4	25.1	459	4	25.7	479	4	25.4	578	5	25.5	572	5	25.3
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	1	0	17.0	18	0	23.1	15	0	23.8
Two or more races	167	2	22.3	204	2	22.8	182	2	23.4	265	2	23.7	274	2	23.9
Prefer not to respond/No response	988	11	24.6	834	8	23.8	743	7	24.4	783	7	24.7	1,129	10	24.2

Total Students in Report: 11,551

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



Total Students in Report: 11,551

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	11,058	96	24.1	24.0	24.3	23.3	24.1
	Extended Time	493	4	22.8	22.6	25.0	23.0	23.5
	Total	11,551	100	24.0	23.9	24.4	23.3	24.0
National	Standard Time	1,727,041	96	20.4	21.0	21.3	20.9	21.0
	Extended Time	72,202	4	15.9	17.7	18.1	17.9	17.5
	Total	1,799,243	100	20.2	20.9	21.1	20.7	20.9

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	86	68	66	56	47
	Extended Time	77	55	67	52	43
	Total	86	68	66	56	46
National	Standard Time	65	45	45	37	27
	Extended Time	35	20	28	20	13
	Total	64	44	44	36	26

Section II

Academic Achievement

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 11,551

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	102	100	90	100	241	100	100	100	15	100	36
35	276	99	170	99	115	98	152	99	97	100	35
34	368	97	306	98	405	97	139	98	159	99	34
33	445	94	201	95	457	93	131	97	269	98	33
32	309	90	284	93	458	89	225	95	332	95	32
31	374	87	225	91	682	85	277	94	416	92	31
30	434	84	401	89	498	80	352	91	524	89	30
29	440	80	464	85	476	75	418	88	552	84	29
28	546	76	713	81	501	71	435	84	663	80	28
27	526	71	862	75	537	67	538	81	746	74	27
26	712	67	969	68	534	62	626	76	779	67	26
25	795	61	985	59	527	58	1,174	71	881	61	25
24	866	54	841	51	795	53	1,098	60	870	53	24
23	805	46	746	44	621	46	829	51	853	45	23
22	703	39	563	37	754	41	1,000	44	803	38	22
21	804	33	561	32	720	34	978	35	727	31	21
20	664	26	315	27	669	28	656	27	611	25	20
19	403	21	505	25	505	22	620	21	544	20	19
18	338	17	489	20	489	18	463	16	450	15	18
17	296	14	651	16	331	14	310	12	380	11	17
16	340	12	617	10	294	11	282	9	280	8	16
15	311	9	366	5	276	8	226	6	225	5	15
14	194	6	131	2	212	6	139	5	159	3	14
13	115	4	57	1	195	4	119	3	102	2	13
12	97	3	22	1	132	2	78	2	73	1	12
11	75	2	10	1	64	1	98	2	25	1	11
10	90	2	2	1	35	1	36	1	7	1	10
9	52	1	1	1	12	1	23	1	5	1	9
8	44	1	2	1	4	1	16	1	2	1	8
7	15	1	1	1	7	1	5	1	0	1	7
6	6	1	1	1	0	1	5	1	1	1	6
5	3	1	0	1	1	1	2	1	1	1	5
4	2	1	0	1	0	1	1	1	0	1	4
3	0	1	0	1	2	1	0	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	1
Avg (SD)	24.0 (6.0)		23.9 (5.3)		24.4 (6.1)		23.3 (5.1)		24.0 (5.1)		Avg (SD)

¹CP 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: 11,551

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), 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	833	100	479	100	691	100	804	100	1,012	100	185	100	305	100	18
17	1,076	93	161	96	969	94	1,022	93	1,009	91	338	98	50	97	17
16	837	83	1,274	94	966	86	1,160	84	992	83	505	95	914	97	16
15	849	76	1,249	83	1,039	77	1,114	74	1,266	74	1,186	91	1,208	89	15
14	984	69	1,289	73	906	68	1,062	65	1,063	63	1,559	81	1,348	79	14
13	928	60	1,356	61	1,044	60	963	55	1,184	54	1,649	67	1,437	67	13
12	994	52	1,534	50	1,420	51	1,019	47	1,093	44	1,402	53	1,729	54	12
11	1,380	44	1,052	36	1,081	39	1,105	38	1,118	34	1,191	41	1,090	39	11
10	1,118	32	958	27	919	30	872	29	614	24	1,314	31	986	30	10
9	809	22	828	19	767	22	637	21	602	19	836	19	1,144	22	9
8	581	15	578	12	674	15	632	16	663	14	726	12	585	12	8
7	435	10	265	7	547	9	468	10	512	8	218	6	309	7	7
6	260	6	196	5	292	5	314	6	261	4	259	4	217	4	6
5	225	4	167	3	138	2	231	3	95	1	68	2	70	2	5
4	119	2	114	1	59	1	95	1	43	1	55	1	81	1	4
3	84	1	40	1	14	1	39	1	17	1	32	1	43	1	3
2	33	1	9	1	19	1	11	1	6	1	6	1	20	1	2
1	6	1	2	1	6	1	3	1	1	1	22	1	15	1	1
Avg (SD)	12.3 (3.7)		12.3 (3.1)		12.4 (3.5)		12.6 (3.6)		12.9 (3.4)		12.0 (2.9)		12.0 (3.0)		Avg (SD)

¹CP 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	29	26	28
Q2 (50th Percentile)	24	24	24	23	24
Q1 (25th Percentile)	20	20	20	20	21

Total Students in Report: 11,551

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 ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	11,551	80	24.3	23.3
	Black/African American	575	76	19.2	18.4
	American Indian/Alaska Native	31	74	23.0	25.5
	White	8,160	84	24.7	23.7
	Hispanic/Latino	795	79	22.2	21.4
	Asian	572	77	25.5	24.7
	Native Hawaiian/Other Pac. Isl.	15	67	23.2	23.3
	Two or more races	274	82	24.2	22.9
	Prefer not/No Response	1,129	62	25.3	24.7
National	All Students	1,799,243	74	21.7	18.7
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

¹"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	All Students	24.0	23.9	24.4	23.3	24.0
	Black/African American	18.6	19.0	19.2	18.7	19.0
	American Indian/Alaska Native	24.0	22.6	23.7	22.9	23.4
	White	24.6	24.3	24.9	23.8	24.5
	Hispanic/Latino	21.7	22.0	22.3	21.4	22.0
	Asian	24.6	27.1	24.3	24.5	25.3
	Native Hawaiian/Other Pac. Isl.	23.3	24.3	23.8	23.1	23.8
	Two or more races	24.3	23.4	24.4	22.9	23.9
	Prefer not/No Response	24.3	23.8	24.7	23.4	24.2
National	All Students	20.2	20.9	21.1	20.7	20.9
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7

Total Students in Report: 11,551

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	1,191	10	767	7	1,218	11	522	5
	28 to 32	2,103	18	2,087	18	2,615	23	1,707	15
	24 to 27	2,899	25	3,657	32	2,393	21	3,436	30
	20 to 23	2,976	26	2,185	19	2,764	24	3,463	30
	16 to 19	1,377	12	2,262	20	1,619	14	1,675	15
	13 to 15	620	5	554	5	683	6	484	4
	01 to 12	385	3	39	0	259	2	264	2
National	33 to 36	81,846	5	51,648	3	89,731	5	36,033	2
	28 to 32	175,672	10	156,561	9	239,643	13	138,865	8
	24 to 27	291,095	16	385,102	21	277,723	15	364,600	20
	20 to 23	447,398	25	343,822	19	424,936	24	542,531	30
	16 to 19	327,718	18	590,816	33	384,706	21	413,107	23
	13 to 15	242,064	13	258,384	14	240,069	13	183,840	10
	01 to 12	233,450	13	12,910	1	142,435	8	120,267	7

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	5,209	45	23.7	24.7	24.2	23.9	24.2
	Females	6,186	54	24.4	23.4	24.6	22.9	24.0
	Missing	156	1	21.3	19.9	20.9	21.2	21.0
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

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	84	72	64	61	50
	Females	87	65	68	53	44
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 11,551

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	9,293	88	24.3	70	24.2	68	24.7	58	23.6	48	24.3
	Less than Core	1,767	80	23.3	60	23.2	60	23.5	50	22.5	41	23.3
	Missing ³	491	69	20.8	46	21.2	51	21.7	40	21.3	28	21.4
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	10	17.4

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "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.

³ Zero years or no coursework information reported in one or more content areas.

⁴ 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 ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	10,905	87	24.2	10,958	69	24.1	9,775	67	24.5	10,635	58	23.6
	Less than Core	164	66	20.7	112	27	18.9	1,293	65	24.3	430	28	19.6
	Missing ³	482	69	20.9	481	46	21.2	483	51	21.8	486	40	21.4
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "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.

³ 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

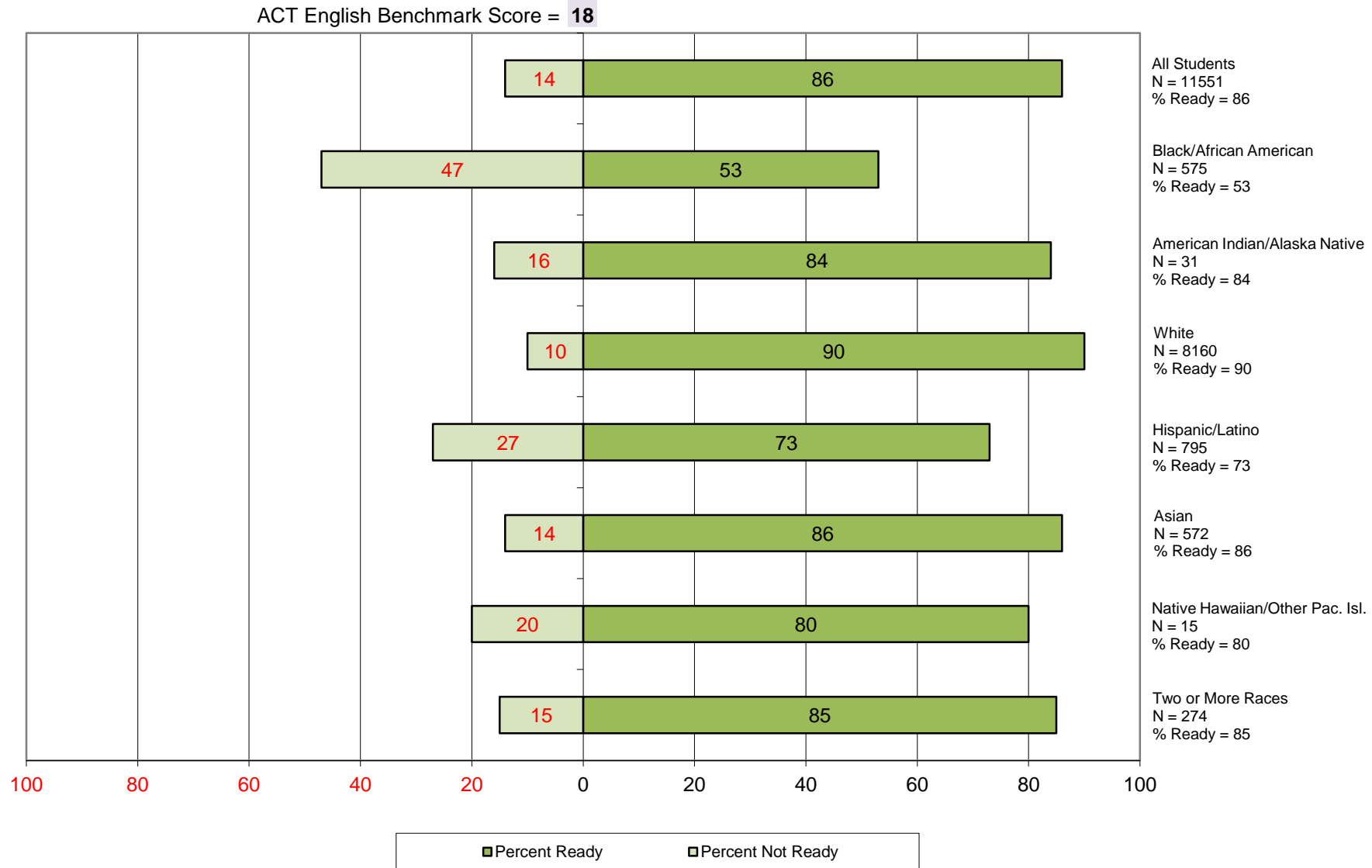


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

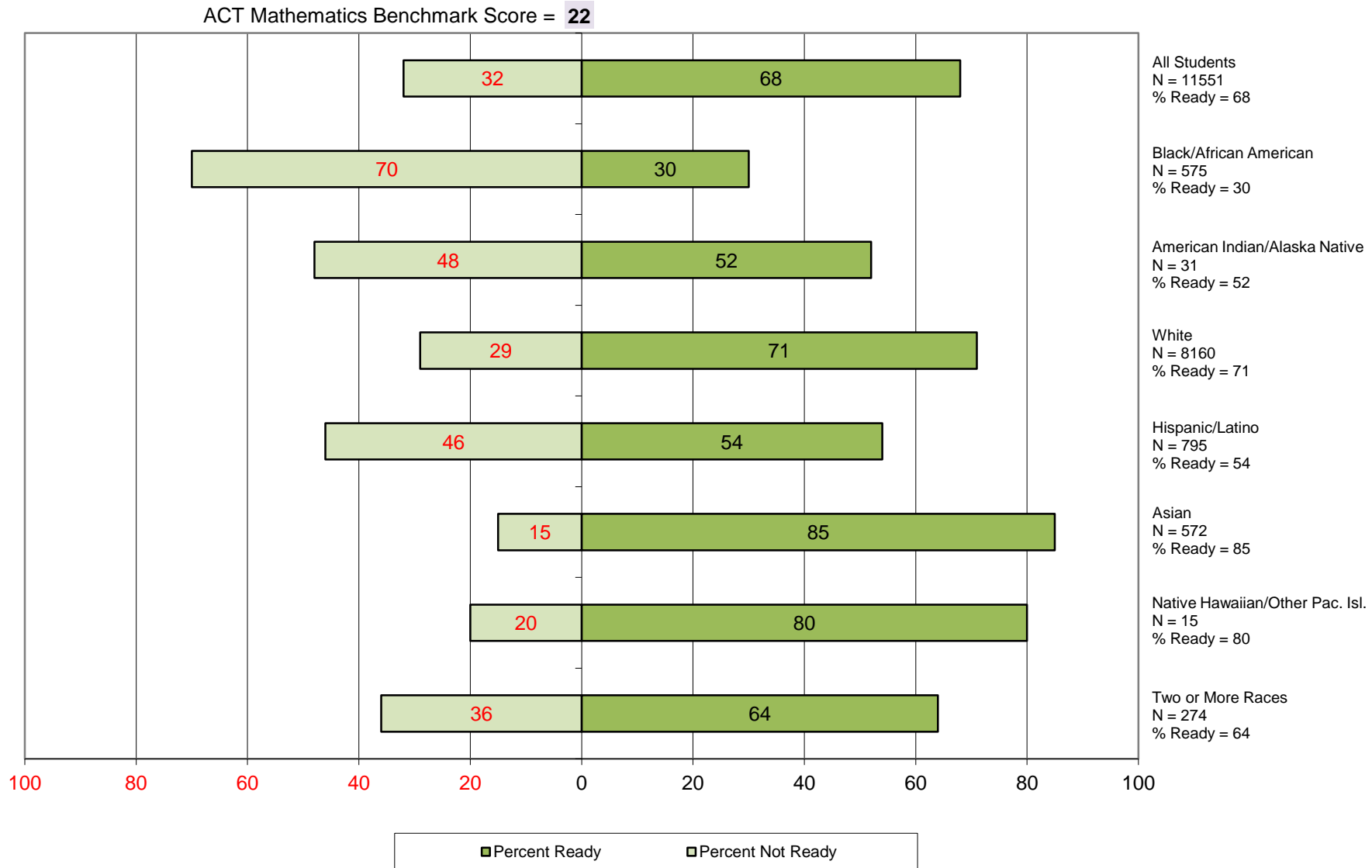


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

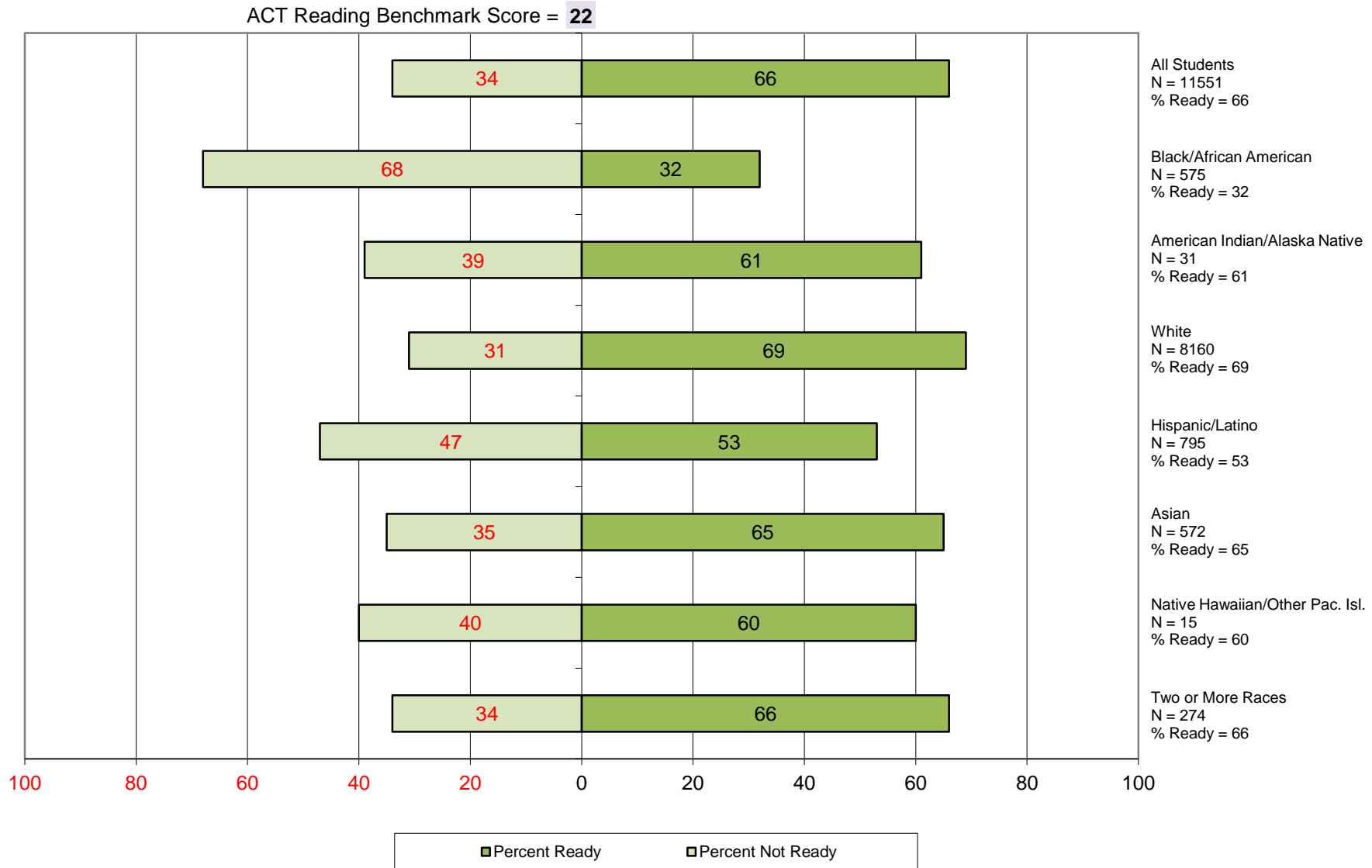


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

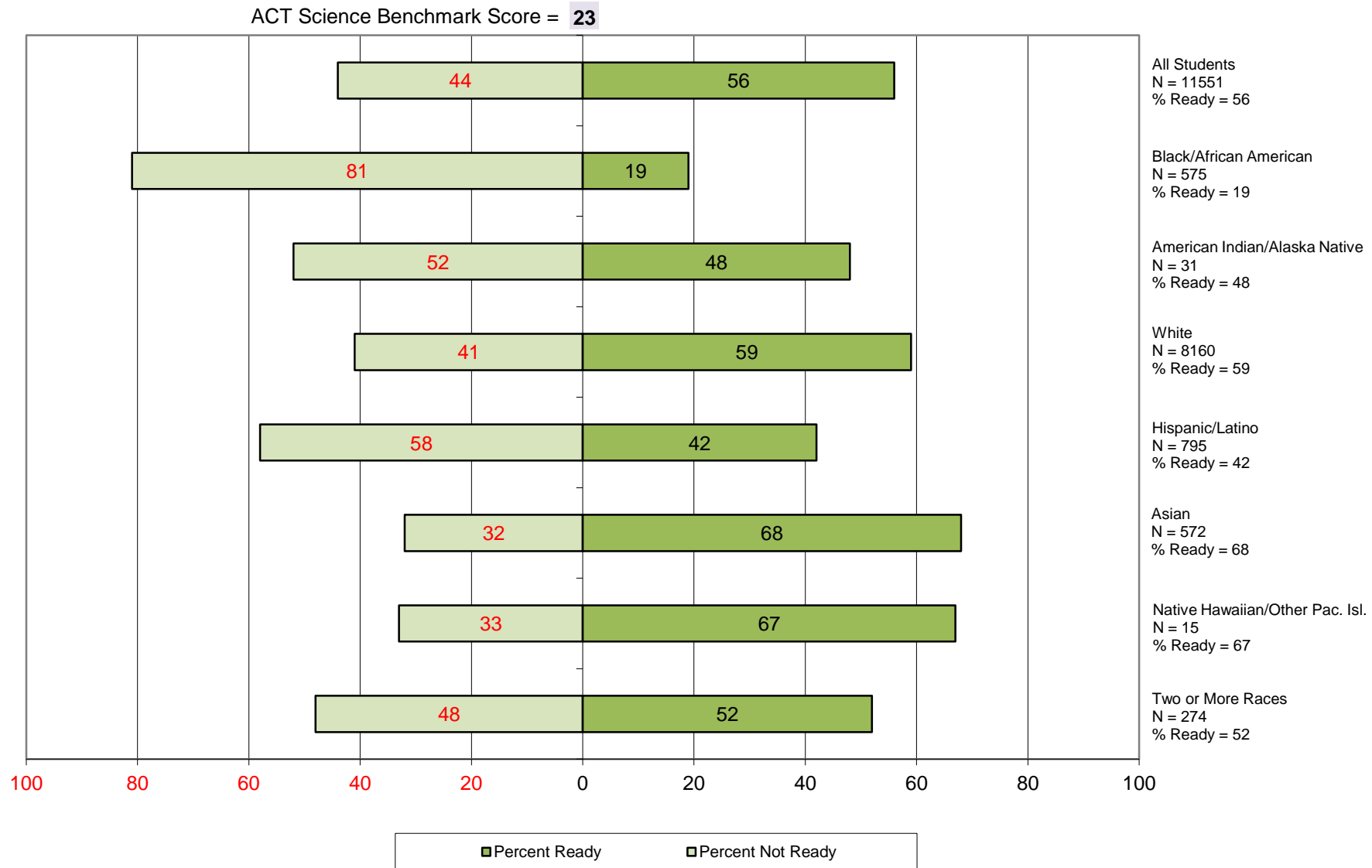
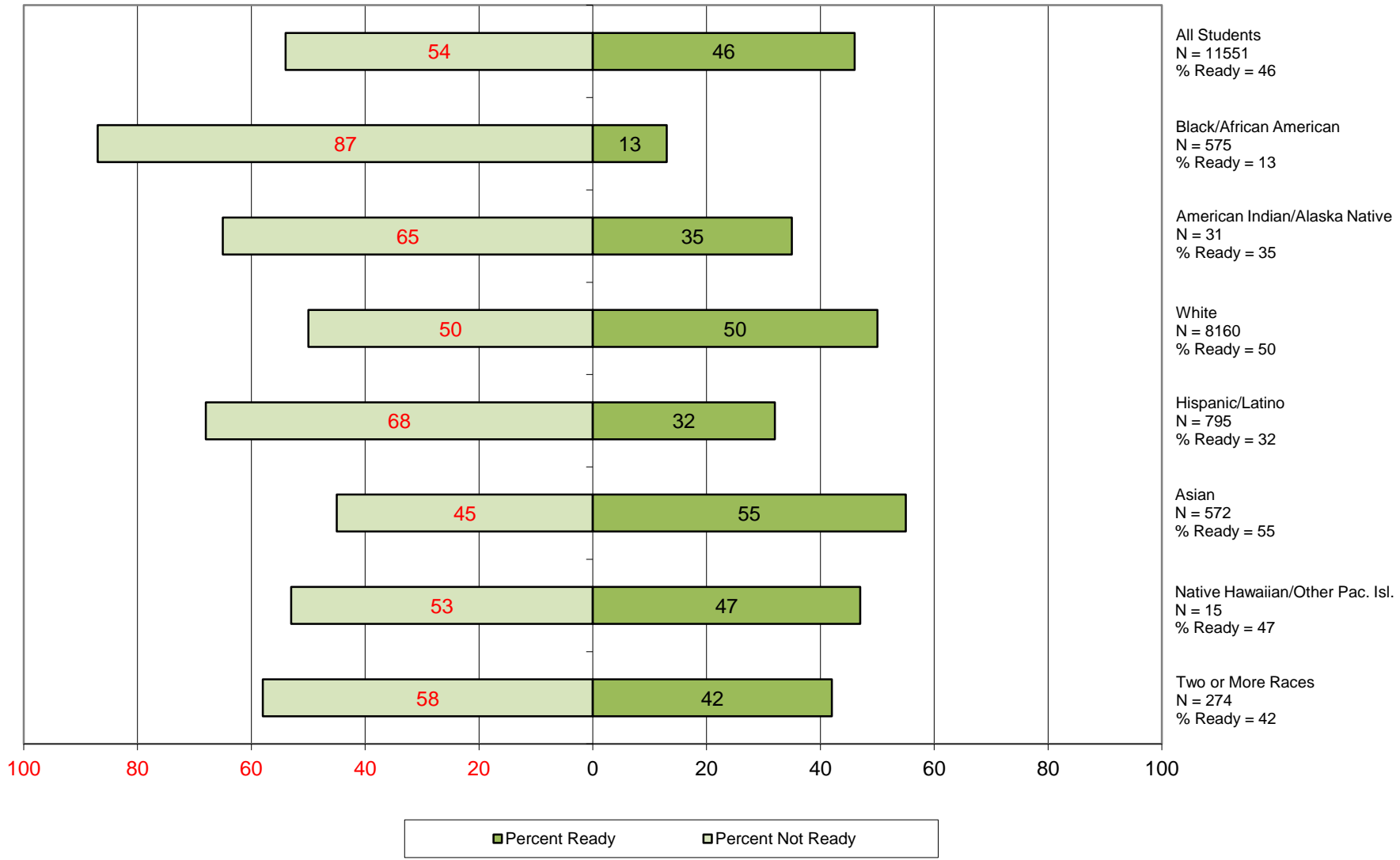


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 11,551

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 ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	3,186	28	24.4	3.7	1,275	24	24.0	3.6	1,911	31	24.7	3.5
Eng 9, Eng 10, Eng 11, Eng 12	7,719	67	24.1	3.4	3,629	70	23.8	3.4	4,090	66	24.4	3.2
Less than 4 years of English	164	1	20.7	-	95	2	20.4	-	69	1	21.2	-
Zero years / no English courses reported	482	4	20.9	-	210	4	20.0	-	116	2	21.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,030	9	26.1	7.2	465	9	26.5	7.7	565	9	25.9	6.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	930	8	22.9	4.0	309	6	23.4	4.6	621	10	22.6	3.6
Alg 1, Alg 2, Geom, & Trig	559	5	20.8	1.9	264	5	21.6	2.8	295	5	20.2	1.2
Alg 1, Alg 2, Geom, & Other Adv Math	1,942	17	21.2	2.3	699	13	21.6	2.8	1,243	20	21.0	2.0
Other comb of 4 or more years of Math	5,288	46	26.2	7.3	2,658	51	26.7	7.9	2,630	43	25.6	6.6
Alg 1, Alg 2, & Geom	665	6	18.5	-0.4	280	5	18.8	0.0	385	6	18.2	-0.8
Other comb of 3 or 3.5 years of Math	544	5	23.0	4.1	262	5	23.3	4.5	282	5	22.7	3.7
Less than 3 years of Math	112	1	18.9	-	62	1	18.8	-	50	1	19.0	-
Zero years / no Math courses reported	481	4	21.2	-	210	4	21.8	-	115	2	22.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,270	11	25.4	1.1	637	12	24.9	1.2	633	10	25.9	1.1
Other comb of 4 or more years Social Science	4,655	40	24.4	0.1	2,174	42	24.4	0.7	2,481	40	24.5	-0.3
US Hist, World Hist, & Am Gov	931	8	24.1	-0.2	440	8	24.1	0.4	491	8	24.1	-0.7
Other comb of 3 or 3.5 years of Social Science	2,919	25	24.3	0.0	1,131	22	24.1	0.4	1,788	29	24.4	-0.4
Less than 3 years of Social Science	1,293	11	24.3	-	617	12	23.7	-	676	11	24.8	-
Zero years / no Social Science courses reported	483	4	21.8	-	210	4	21.7	-	117	2	23.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	6,869	59	24.0	4.4	3,282	63	24.6	5.0	3,587	58	23.4	3.7
Bio, Chem, Phys	1,479	13	25.3	5.7	683	13	26.1	6.5	796	13	24.6	4.9
Gen Sci ² , Bio, Chem	2,138	19	21.2	1.6	764	15	21.2	1.6	1,374	22	21.2	1.5
Other comb of 3 years of Natural Science	149	1	21.6	2.0	75	1	22.2	2.6	74	1	21.1	1.4
Less than 3 years of Natural Science	430	4	19.6	-	193	4	19.6	-	237	4	19.7	-
Zero years / no Natural Science courses reported	486	4	21.4	-	212	4	21.6	-	118	2	21.1	-

¹Course 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.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 11,551

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
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	3,186	28	24.4	87	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	7,719	67	24.1	87	1,265,911	70	20.3	65
Less than 4 years of English	164	1	20.7	66	84,048	5	15.9	36
Zero years / no English courses reported	482	4	20.9	69	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,030	9	26.1	84	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	930	8	22.9	66	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	559	5	20.8	46	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	1,942	17	21.2	49	336,291	19	19.6	32
Other comb of 4 or more years of Math	5,288	46	26.2	83	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	665	6	18.5	23	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	544	5	23.0	62	88,866	5	19.7	34
Less than 3 years of Math	112	1	18.9	27	77,906	4	16.3	7
Zero years / no Math courses reported	481	4	21.2	46	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,270	11	25.4	72	50,989	3	22.2	51
Other comb of 4 or more years Social Science	4,655	40	24.4	67	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	931	8	24.1	64	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	2,919	25	24.3	65	489,586	27	21.0	43
Less than 3 years of Social Science	1,293	11	24.3	65	171,617	10	19.1	32
Zero years / no Social Science courses reported	483	4	21.8	51	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	6,869	59	24.0	62	767,293	43	21.9	46
Bio, Chem, Phys	1,479	13	25.3	71	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	2,138	19	21.2	38	504,165	28	19.9	28
Other comb of 3 years of Natural Science	149	1	21.6	40	51,822	3	19.1	25
Less than 3 years of Natural Science	430	4	19.6	28	218,267	12	18.0	17
Zero years / no Natural Science courses reported	486	4	21.4	40	74,011	4	17.8	18

¹Includes 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: 11,551

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 ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture & Natural Resources Conservation	119	1	22.9	3	4	19.0	104	1	22.9
Architecture	123	1	23.3	0	0	.	100	1	22.9
Area, Ethnic, & Multidisciplinary Studies	31	0	26.7	0	0	.	25	0	26.2
Arts: Visual & Performing	536	5	23.1	4	6	16.5	454	5	23.1
Business	1,558	13	23.6	16	23	17.9	1,283	14	23.6
Communications	372	3	23.1	3	4	23.0	304	3	22.8
Community, Family, & Personal Services	114	1	20.1	3	4	13.7	101	1	20.0
Computer Science & Mathematics	235	2	25.4	3	4	18.7	194	2	25.5
Education	536	5	22.1	0	0	.	457	5	22.1
Engineering	864	7	26.3	2	3	19.0	699	8	26.2
Engineering Technology & Drafting	72	1	22.7	1	1	14.0	64	1	22.8
English & Foreign Languages	239	2	25.7	1	1	30.0	195	2	25.5
Health Administration & Assisting	130	1	19.6	1	1	17.0	107	1	19.4
Health Sciences & Technologies	1,481	13	23.0	9	13	17.8	1,285	14	23.0
Philosophy, Religion, & Theology	30	0	23.9	1	1	15.0	23	0	23.8
Repair, Production, & Construction	9	0	19.8	2	3	22.5	6	0	18.2
Sciences: Biological & Physical	1,041	9	25.9	4	6	20.5	894	10	25.8
Social Sciences & Law	991	9	24.1	2	3	14.5	847	9	24.1
Undecided	2,614	23	24.8	14	20	20.2	1,787	20	24.6
No Response	454	4	21.6	0	0	.	39	0	25.4

¹2-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.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 11,551

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	30	20.0	2	15.0	0	.	18	21.3	5	16.6
2-yr College Degree	39	17.7	7	15.0	0	.	24	18.9	3	15.7
Bachelors Degree	3,634	22.2	176	17.1	14	21.7	2,817	22.6	237	19.8
Graduate Study	3,066	25.0	108	20.2	8	26.1	2,347	25.3	191	23.4
Prof. Level Degree	2,270	25.7	163	20.9	5	23.0	1,393	26.4	211	23.6
Other	122	22.2	8	15.5	0	.	79	22.9	9	19.6
No Response	2,390	24.4	111	18.7	4	24.3	1,482	25.3	139	22.0

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	30	20.0	3	22.3	0	.	0	.	2	18.5
2-yr College Degree	39	17.7	1	23.0	0	.	0	.	4	15.3
Bachelors Degree	3,634	22.2	102	22.9	7	23.0	89	22.5	192	22.3
Graduate Study	3,066	25.0	116	24.9	3	28.3	59	25.3	234	25.2
Prof. Level Degree	2,270	25.7	208	26.6	3	20.7	79	24.3	208	27.1
Other	122	22.2	11	22.8	0	.	2	21.0	13	23.8
No Response	2,390	24.4	131	25.7	2	24.5	45	24.2	476	23.3

Total Students in Report: 11,551

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	978	386	592	1	3	13	31	33	17	2
CENTRAL CONNECTICUT STATE UNIVERSITY	Connecticut	294	94	200	2	10	29	37	16	5	1
QUINNIPIAC UNIVERSITY	Connecticut	225	54	171	0	4	16	37	33	9	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	222	222	0	3	9	41	28	13	6	0
NORTHEASTERN UNIVERSITY	Massachusetts	214	72	142	0	1	5	17	38	32	6
EASTERN CONNECTICUT STATE UNIVERSITY	Connecticut	204	53	151	1	11	30	42	12	3	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	200	32	168	1	4	19	43	26	8	1
SOUTHERN CONNECTICUT STATE UNIVERSITY	Connecticut	191	36	155	2	15	34	37	11	1	0
BOSTON UNIVERSITY	Massachusetts	173	48	125	0	2	7	21	36	31	3
WESTERN CONNECTICUT STATE UNIVERSITY	Connecticut	165	53	112	2	12	33	36	11	5	0
BOSTON COLLEGE	Massachusetts	126	50	76	0	0	5	20	28	40	7
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	112	19	93	0	1	16	34	35	14	0
UNIVERSITY OF HARTFORD	Connecticut	110	19	91	2	7	25	38	21	7	0
NCAA ELIGIBILITY CENTER	Indiana	107	72	35	1	4	18	34	21	21	1
SACRED HEART UNIVERSITY	Connecticut	106	26	80	2	5	28	37	21	8	0
UNIVERSITY OF NEW HAVEN	Connecticut	105	37	68	3	6	29	34	23	5	1
NEW YORK UNIVERSITY	New York	97	29	68	1	2	4	22	35	30	6
UNIVERSITY OF VERMONT	Vermont	96	23	73	0	1	4	23	51	19	2
FAIRFIELD UNIVERSITY	Connecticut	87	21	66	1	2	15	32	33	11	5
FORDHAM UNIVERSITY	New York	84	13	71	0	0	6	21	46	26	0
YALE UNIVERSITY	Connecticut	79	34	45	0	1	5	22	30	32	10
WESTERN NEW ENGLAND UNIVERSITY	Massachusetts	76	9	67	1	8	18	34	29	7	3
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	75	10	65	0	3	15	39	29	12	3
PROVIDENCE COLLEGE	Rhode Island	73	20	53	0	1	11	23	44	18	3
WORCESTER POLYTECHNIC INST	Massachusetts	71	20	51	0	0	3	13	32	44	8
BROWN UNIVERSITY	Rhode Island	70	32	38	0	0	0	4	21	56	19
ROGER WILLIAMS UNIVERSITY	Rhode Island	67	13	54	0	0	16	39	33	10	1
BENTLEY UNIVERSITY	Massachusetts	65	15	50	0	0	6	17	55	20	2
MARIST COLLEGE	New York	64	15	49	2	2	6	34	38	17	2
SPRINGFIELD COLLEGE	Massachusetts	62	20	42	2	11	24	32	26	5	0
All Other Institutions		5,350	1,434	3,916	1	5	13	26	29	21	4
Total		9,948	2,981	6,967	1	5	15	28	29	19	3

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: 11,551

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		Average ACT Scores					
	State	National	English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	10,056	942,769	24.5	21.3	8.2	7.0	24.0	20.5
Black/African American	475	114,751	19.0	16.3	7.3	6.1	19.2	16.0
American Indian/Alaska Native	24	6,031	25.0	16.8	8.2	6.1	24.4	16.4
White	7,092	518,407	25.0	22.9	8.3	7.2	24.4	21.9
Hispanic/Latino	686	151,504	22.4	18.6	7.9	6.8	22.3	18.3
Asian	520	54,580	25.0	23.5	8.2	7.6	24.4	22.7
Native Hawaiian/Other Pac. Isl.	13	2,812	24.0	19.5	8.8	6.9	24.2	19.2
Two or more races	238	35,355	24.9	21.5	8.3	7.0	24.4	20.6
Prefer not/No Response	1,008	59,329	24.7	21.8	8.1	7.1	24.0	20.9
Males	4,431	423,104	24.2	21.0	8.0	6.7	23.6	20.1
Females	5,469	513,945	24.8	21.6	8.3	7.2	24.4	20.9
Missing	156	5,720	21.3	16.6	7.8	6.3	21.4	16.5

