

ACT Profile Report - State

Graduating Class 2014

Connecticut



Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Who Met College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT College Reportable Scores by Test Session Duration	
Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration	
Section II: Academic Achievement	Page 11
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Who Met College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
Section III: College Readiness & Impact of Course Rigor	Page 17
Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
Section IV: Career and Educational Aspirations	Page 25
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
Section V: Optional Writing Test Results	Page 29
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

This report provides information about the performance of your 2014 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 2014. 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 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

How to Improve Scores and Increase College Readiness

48% 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: 12,044 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, 26% were college ready. 5% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 22% of these students were college ready. In comparison, 73% 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. 30% of these students were college ready. In comparison, 61% 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.

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

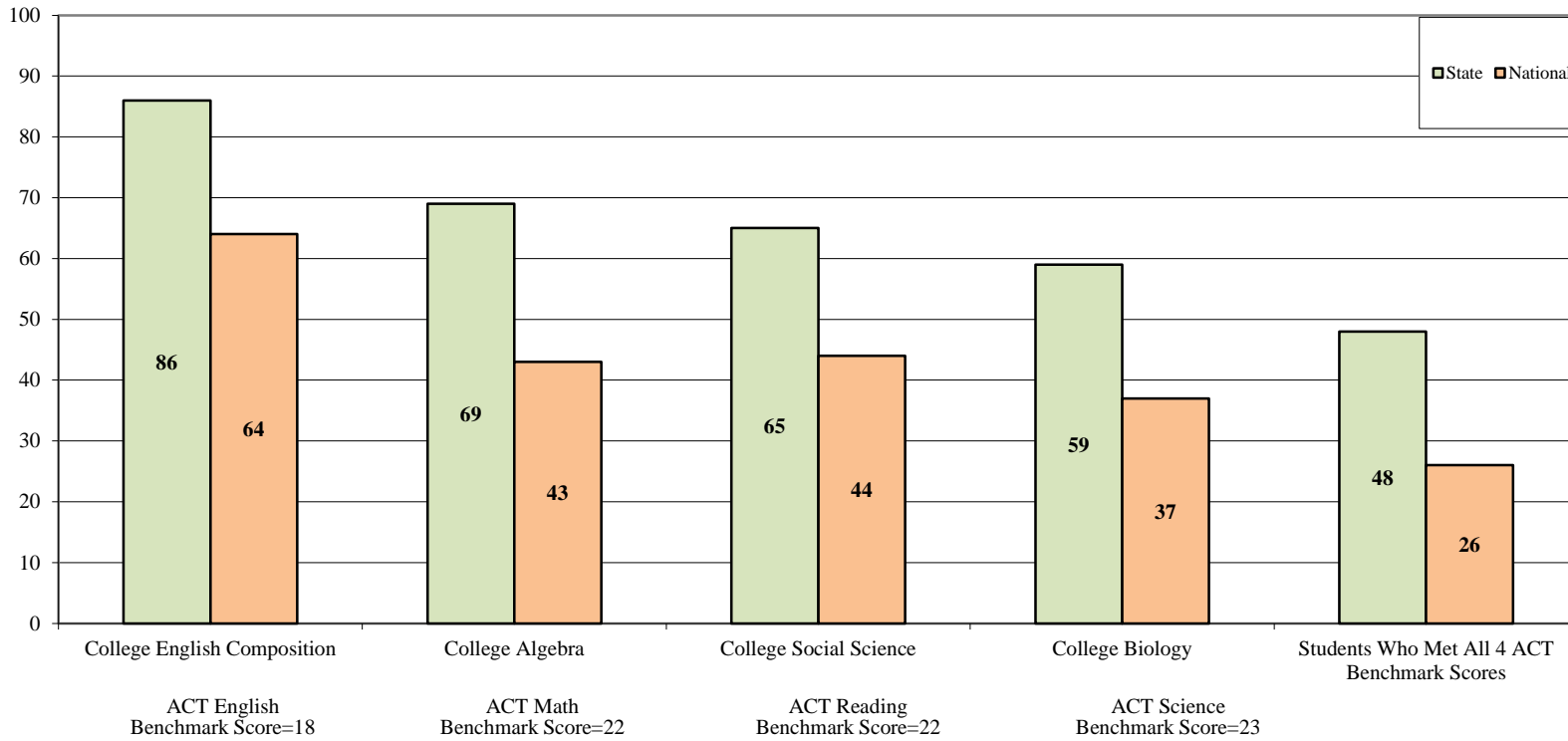
Executive Summary

Beginning 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: 12,044

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
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
2014	12,044	1,845,787	86	64	69	43	65	44	59	37	48	26

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
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
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2014	1,845,787	20.3	20.9	21.3	20.8	21.0

Total Students in Report: 12,044

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
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
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

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.

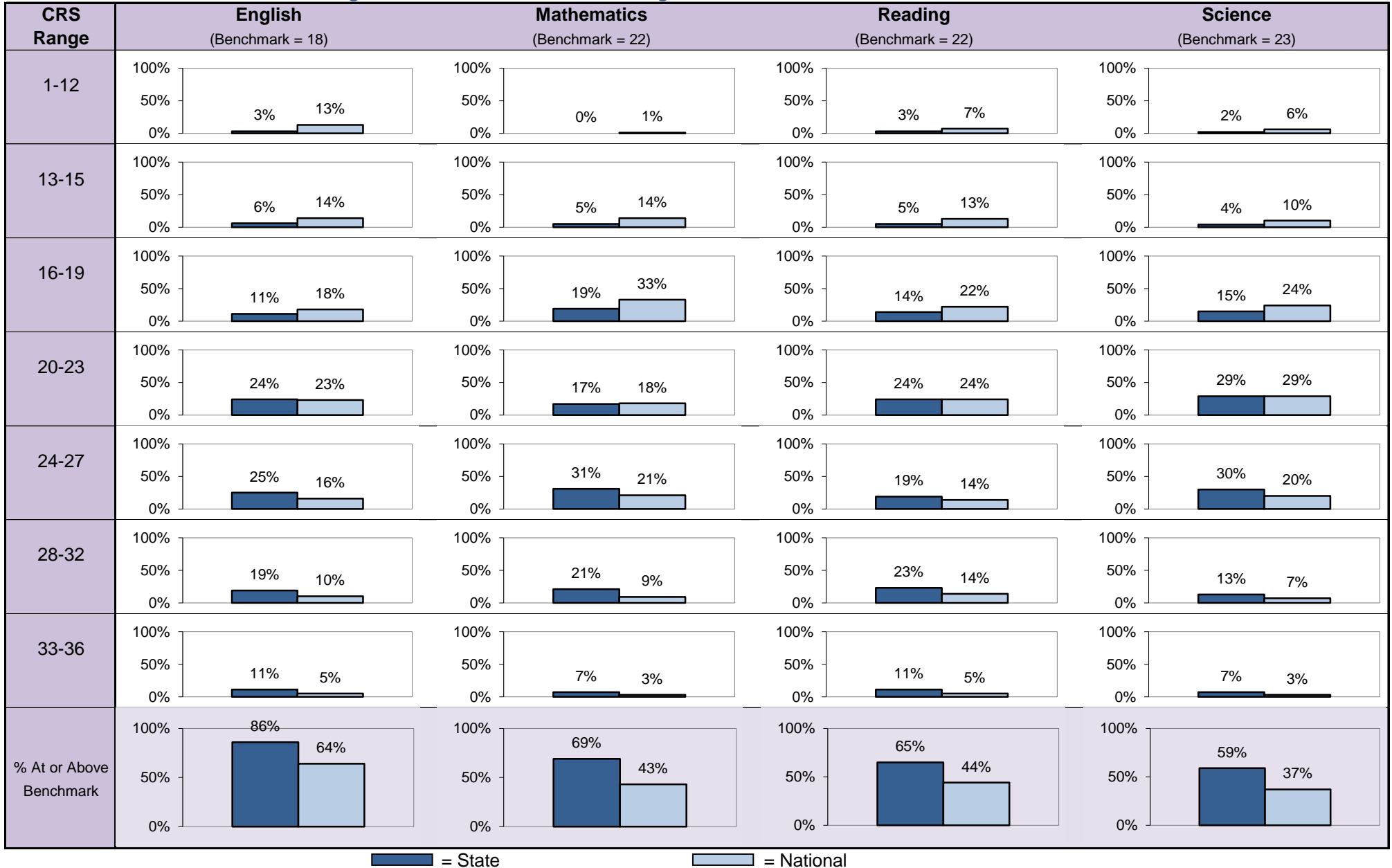
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	10,453	100	23.7	10,809	100	23.9	11,192	100	23.8	11,551	100	24.0	12,044	100	24.2
Black/African American	545	5	18.8	611	6	18.7	643	6	18.8	575	5	19.0	614	5	19.1
American Indian/Alaska Native	25	0	21.1	20	0	22.2	21	0	21.4	31	0	23.4	20	0	20.5
White	7,910	76	24.0	8,117	75	24.4	8,150	73	24.2	8,160	71	24.5	8,496	71	24.6
Hispanic/Latino	476	5	21.6	656	6	21.4	734	7	21.8	795	7	22.0	937	8	22.1
Asian	459	4	25.7	479	4	25.4	578	5	25.5	572	5	25.3	694	6	25.6
Native Hawaiian/Other Pacific Islander	0	0	.	1	0	17.0	18	0	23.1	15	0	23.8	13	0	23.2
Two or more races	204	2	22.8	182	2	23.4	265	2	23.7	274	2	23.9	308	3	23.8
Prefer not to respond/No response	834	8	23.8	743	7	24.4	783	7	24.7	1,129	10	24.2	962	8	25.2

Total Students in Report: 12,044

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



Total Students in Report: 12,044

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	11,513	96	24.3	24.2	24.5	23.6	24.3
	Extended Time	531	4	23.0	22.3	24.9	23.0	23.4
	Total	12,044	100	24.2	24.1	24.5	23.6	24.2
National	Standard Time	1,769,033	96	20.5	21.0	21.4	20.9	21.1
	Extended Time	76,754	4	16.2	17.8	18.5	18.1	17.8
	Total	1,845,787	100	20.3	20.9	21.3	20.8	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	86	70	65	59	48
	Extended Time	78	53	66	53	43
	Total	86	69	65	59	48
National	Standard Time	65	44	45	37	27
	Extended Time	37	21	30	21	15
	Total	64	43	44	37	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: 12,044

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	59	100	96	100	189	100	179	100	17	100	36
35	415	100	208	99	199	98	188	99	117	100	35
34	437	96	295	97	480	97	243	97	237	99	34
33	446	92	274	95	465	93	263	95	305	97	33
32	379	89	273	93	673	89	210	93	414	94	32
31	360	86	291	90	546	83	365	91	456	91	31
30	593	83	412	88	579	79	340	88	525	87	30
29	460	78	724	85	495	74	188	85	632	83	29
28	516	74	783	79	512	70	438	84	680	78	28
27	589	70	811	72	573	66	903	80	826	72	27
26	660	65	975	65	548	61	598	72	779	65	26
25	843	59	1,002	57	545	56	1,087	67	857	59	25
24	909	52	905	49	620	52	998	58	896	51	24
23	660	45	700	41	865	47	1,059	50	842	44	23
22	832	39	546	36	576	39	910	41	807	37	22
21	720	32	412	31	955	35	811	34	723	30	21
20	665	26	408	28	544	27	724	27	583	24	20
19	435	21	406	24	589	22	635	21	555	19	19
18	346	17	550	21	444	17	452	16	449	15	18
17	273	14	621	16	360	14	375	12	375	11	17
16	302	12	693	11	321	11	304	9	312	8	16
15	352	10	428	5	246	8	227	6	243	5	15
14	223	7	149	2	226	6	165	5	189	3	14
13	165	5	59	1	190	4	130	3	125	2	13
12	124	3	10	1	112	3	100	2	56	1	12
11	114	2	11	1	115	2	61	1	30	1	11
10	85	1	0	1	32	1	44	1	11	1	10
9	41	1	2	1	24	1	23	1	3	1	9
8	28	1	0	1	12	1	13	1	0	1	8
7	7	1	0	1	4	1	3	1	0	1	7
6	4	1	0	1	1	1	3	1	0	1	6
5	2	1	0	1	2	1	1	1	0	1	5
4	0	1	0	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	1	1	0	1	0	1	2
1	0	1	0	1	0	1	3	1	0	1	1
Avg (SD)	24.2 (6.1)		24.1 (5.5)		24.5 (6.2)		23.6 (5.4)		24.2 (5.2)		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: 12,044

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	1,078	100	311	100	576	100	852	100	1,046	100	214	100	238	100	18
17	1,312	91	456	97	1,144	95	1,337	93	1,015	91	428	98	169	98	17
16	884	80	1,016	94	1,274	86	1,224	82	1,176	83	629	95	1,075	97	16
15	904	73	1,544	85	804	75	921	72	1,029	73	1,279	89	1,339	88	15
14	788	65	1,365	72	1,346	68	864	64	1,199	65	1,622	79	1,305	77	14
13	1,168	59	1,523	61	1,187	57	1,079	57	1,486	55	1,653	65	1,695	66	13
12	1,050	49	1,404	48	983	47	1,225	48	1,313	42	1,745	52	1,250	52	12
11	1,089	40	1,247	37	1,045	39	1,009	38	731	31	934	37	1,459	41	11
10	1,087	31	908	26	1,075	31	776	29	657	25	1,262	29	1,079	29	10
9	907	22	859	19	753	22	1,042	23	697	20	723	19	987	20	9
8	519	15	556	12	809	15	549	14	665	14	735	13	659	12	8
7	405	10	321	7	470	9	463	10	594	9	361	7	337	7	7
6	374	7	224	4	265	5	267	6	266	4	222	4	229	4	6
5	237	4	156	3	172	3	279	4	106	1	124	2	101	2	5
4	147	2	118	1	83	1	97	1	46	1	38	1	56	1	4
3	72	1	32	1	33	1	43	1	13	1	58	1	31	1	3
2	23	1	4	1	19	1	15	1	5	1	2	1	22	1	2
1	0	1	0	1	6	1	2	1	0	1	15	1	13	1	1
Avg (SD)	12.5 (3.8)		12.3 (3.1)		12.5 (3.5)		12.6 (3.7)		12.9 (3.4)		12.1 (2.9)		12.1 (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)	29	28	30	27	28
Q2 (50th Percentile)	24	25	24	23	24
Q1 (25th Percentile)	20	20	20	20	21

Total Students in Report: 12,044

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	12,044	81	24.5	23.4
	Black/African American	614	73	19.2	18.8
	American Indian/Alaska Native	20	80	20.8	17.0
	White	8,496	83	24.9	24.0
	Hispanic/Latino	937	79	22.5	20.8
	Asian	694	77	25.7	25.9
	Native Hawaiian/Other Pac. Isl.	13	77	24.1	20.0
	Two or more races	308	82	23.8	23.5
	Prefer not/No Response	962	72	26.0	24.6
National	All Students	1,845,787	73	21.8	18.9
	Black/African American	241,678	68	17.6	15.7
	American Indian/Alaska Native	14,263	62	19.0	16.5
	White	1,038,435	76	23.1	20.2
	Hispanic/Latino	281,216	71	19.5	17.3
	Asian	80,370	79	24.2	21.6
	Native Hawaiian/Other Pac. Isl.	5,676	65	20.0	16.6
	Two or more races	70,013	74	22.0	19.2
	Prefer not/No Response	114,136	56	22.6	18.5

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	24.2	24.1	24.5	23.6	24.2
	Black/African American	18.3	19.1	19.5	18.8	19.1
	American Indian/Alaska Native	20.5	19.5	21.9	19.6	20.5
	White	24.7	24.4	24.9	24.0	24.6
	Hispanic/Latino	21.9	22.1	22.4	21.7	22.1
	Asian	25.0	27.1	24.7	25.1	25.6
	Native Hawaiian/Other Pac. Isl.	23.3	23.8	22.3	22.8	23.2
	Two or more races	23.9	23.2	24.4	23.0	23.8
	Prefer not/No Response	25.3	24.9	25.7	24.4	25.2
National	All Students	20.3	20.9	21.3	20.8	21.0
	Black/African American	15.8	17.2	17.3	17.0	17.0
	American Indian/Alaska Native	16.6	18.1	18.4	18.3	18.0
	White	22.0	22.0	22.8	22.1	22.3
	Hispanic/Latino	17.7	19.2	19.1	18.8	18.8
	Asian	22.8	24.9	22.8	23.2	23.5
	Native Hawaiian/Other Pac. Isl.	17.5	19.2	18.7	18.6	18.6
	Two or more races	20.6	20.9	21.7	21.0	21.2
	Prefer not/No Response	20.0	20.7	21.1	20.5	20.7

Total Students in Report: 12,044

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	1,357	11	873	7	1,333	11	873	7
	28 to 32	2,308	19	2,483	21	2,805	23	1,541	13
	24 to 27	3,001	25	3,693	31	2,286	19	3,586	30
	20 to 23	2,877	24	2,066	17	2,940	24	3,504	29
	16 to 19	1,356	11	2,270	19	1,714	14	1,766	15
	13 to 15	740	6	636	5	662	5	522	4
	01 to 12	405	3	23	0	304	3	252	2
National	33 to 36	92,922	5	55,103	3	97,714	5	55,222	3
	28 to 32	185,768	10	174,260	9	257,722	14	128,357	7
	24 to 27	302,723	16	383,630	21	263,034	14	367,160	20
	20 to 23	431,178	23	336,283	18	445,726	24	542,581	29
	16 to 19	330,518	18	616,601	33	409,685	22	448,064	24
	13 to 15	264,127	14	266,401	14	240,948	13	186,262	10
	01 to 12	238,551	13	13,509	1	130,958	7	118,141	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	5,489	46	23.9	24.8	24.2	24.1	24.4
	Females	6,554	54	24.5	23.5	24.7	23.2	24.1
	Missing	1	0	18.0	16.0	21.0	18.0	18.0
National	Males	856,651	46	20.0	21.4	21.1	21.2	21.1
	Females	977,127	53	20.7	20.5	21.5	20.5	20.9
	Missing	12,009	1	15.7	17.8	17.3	17.4	17.2

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	73	63	62	49
	Females	87	66	67	56	46
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 12,044

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	9,704	88	24.5	72	24.4	67	24.7	61	23.9	50	24.5
	Less than Core	1,942	80	23.4	61	23.3	59	23.7	52	22.8	42	23.4
	Missing ³	398	67	20.7	40	20.8	48	21.8	39	21.1	27	21.3
National	Core or More	1,347,997	71	21.4	50	21.7	50	22.2	42	21.6	31	21.8
	Less than Core	405,073	48	17.9	27	18.9	30	19.2	23	18.9	15	18.9
	Missing	92,717	36	16.0	18	17.7	23	17.7	16	17.6	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	11,448	87	24.4	11,521	70	24.3	10,292	66	24.5	11,152	61	23.9
	Less than Core	205	66	21.1	134	26	18.6	1,362	66	24.7	500	30	19.8
	Missing ³	391	68	20.8	389	41	20.8	390	48	21.8	392	39	21.1
National	Core or More	1,676,095	67	20.8	1,686,194	46	21.3	1,580,108	47	21.7	1,538,158	41	21.4
	Less than Core	88,420	36	15.9	74,627	8	16.4	180,385	32	19.4	220,701	17	18.1
	Missing	81,272	38	16.3	84,966	19	17.8	85,294	24	17.8	86,928	17	17.7

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

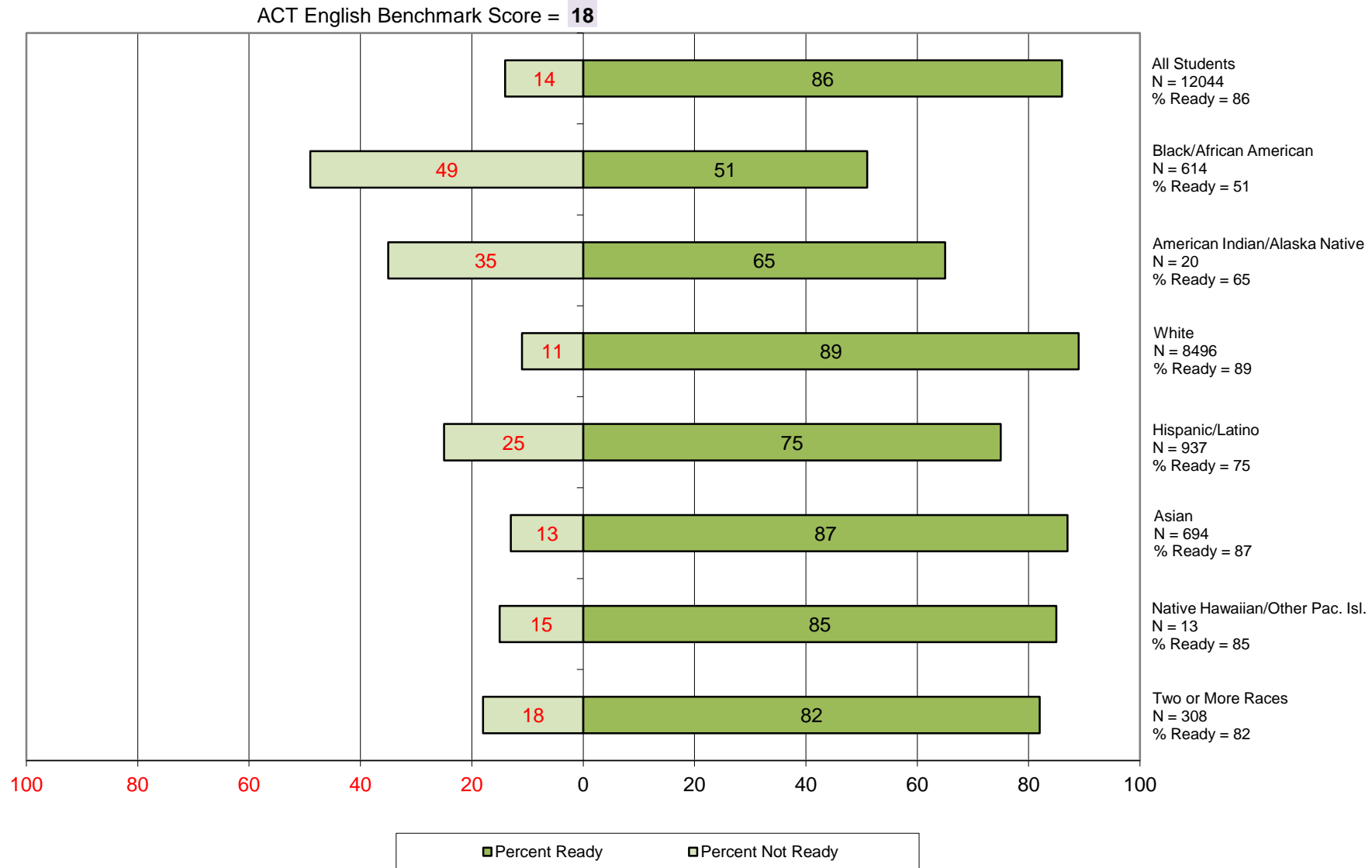


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

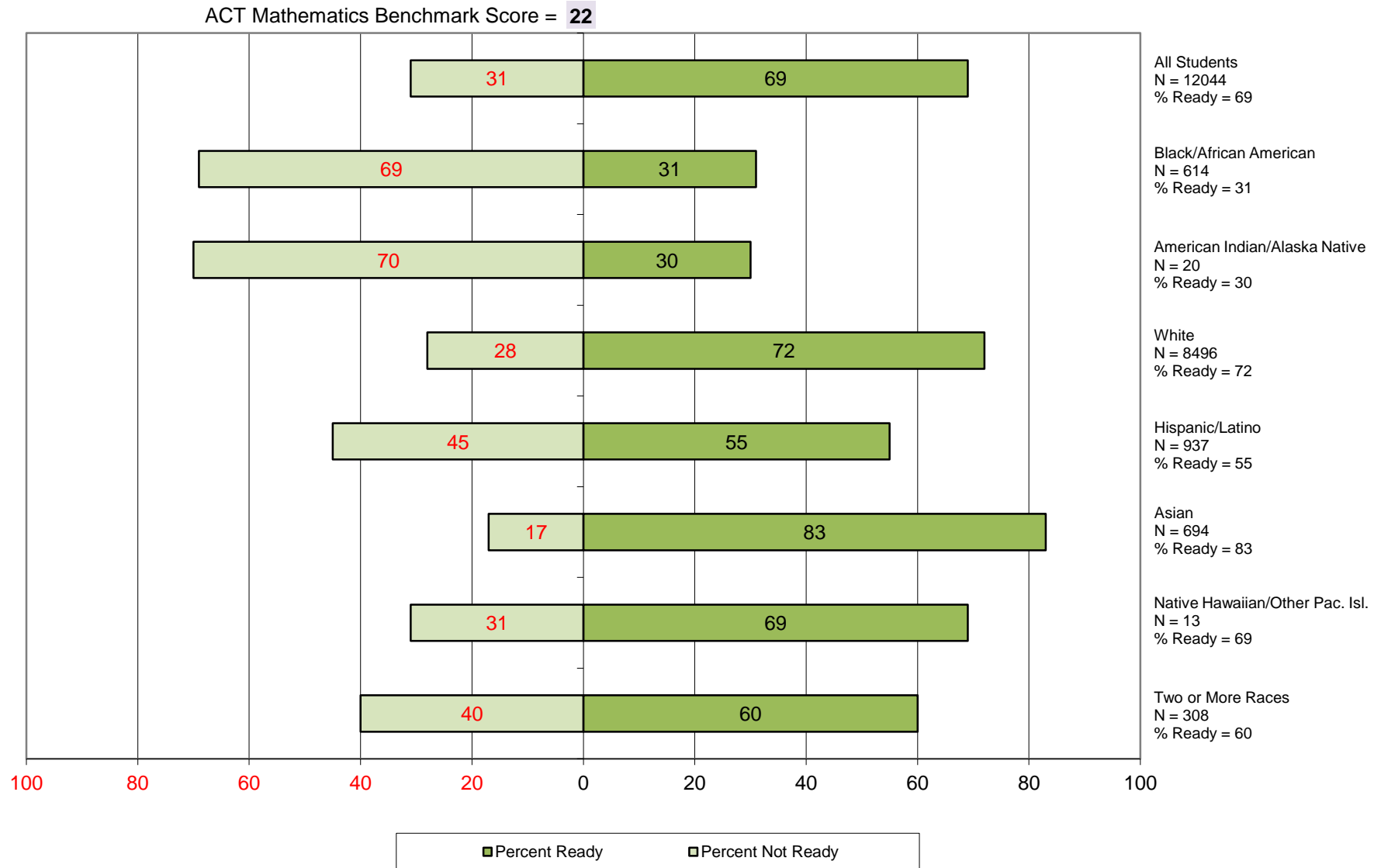


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

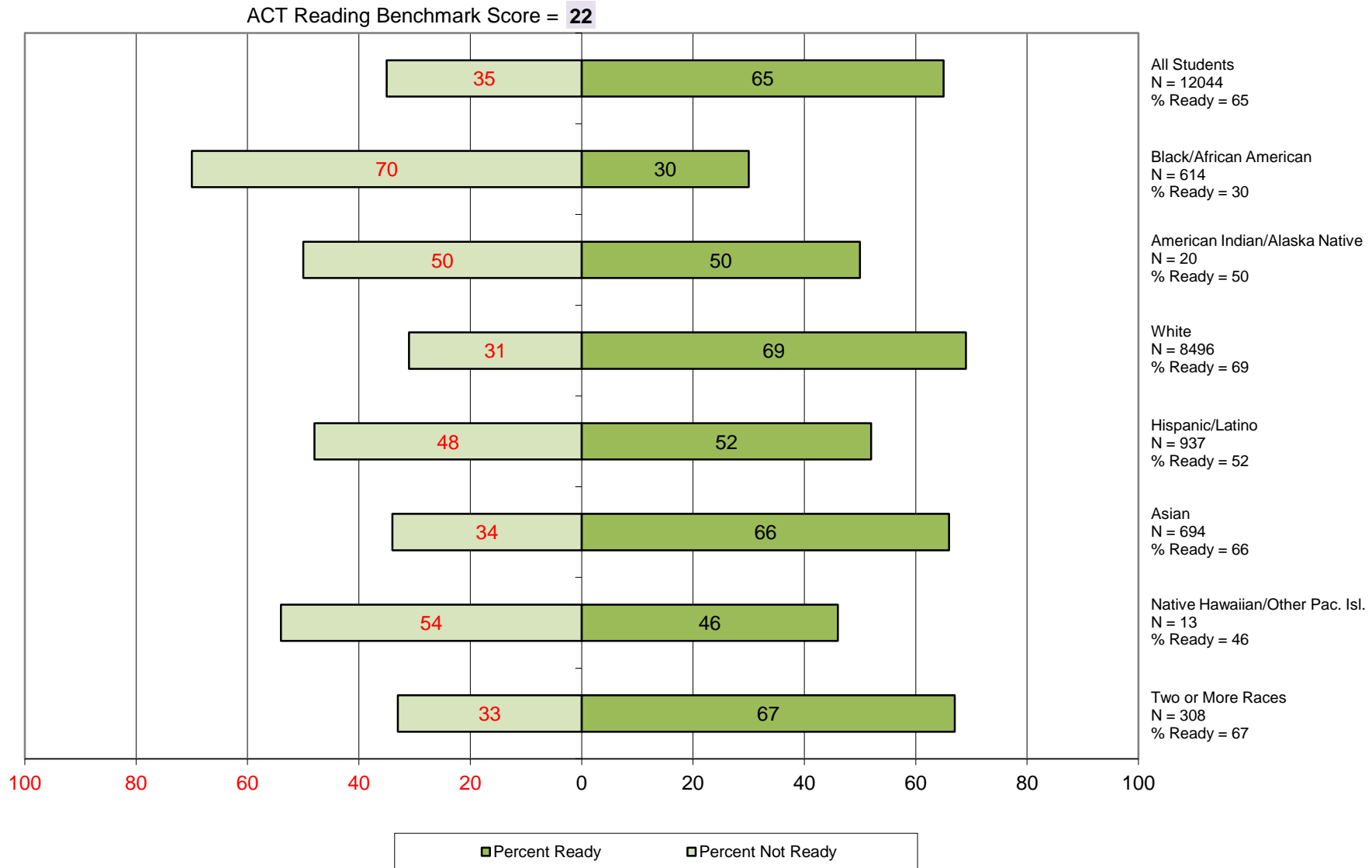
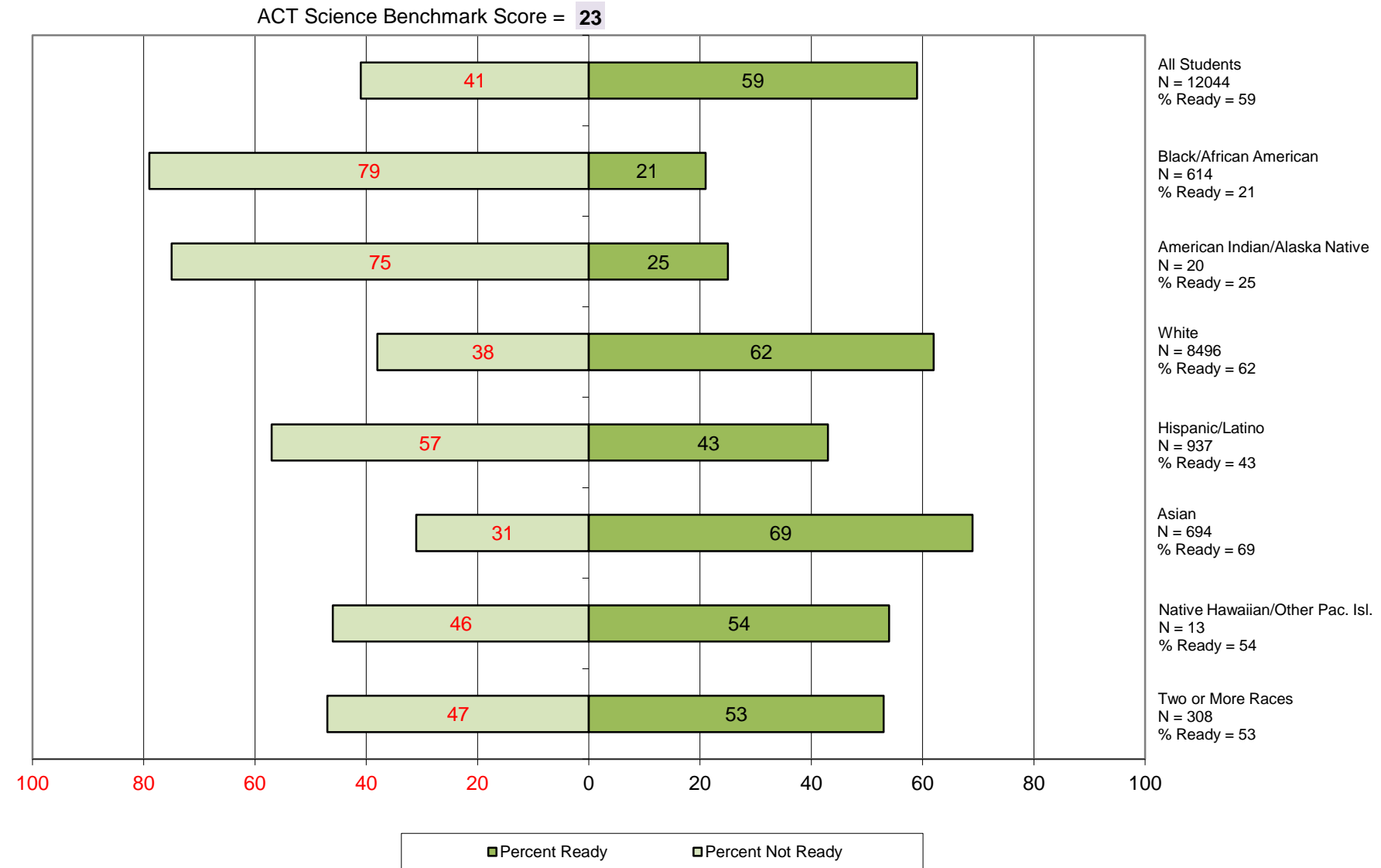
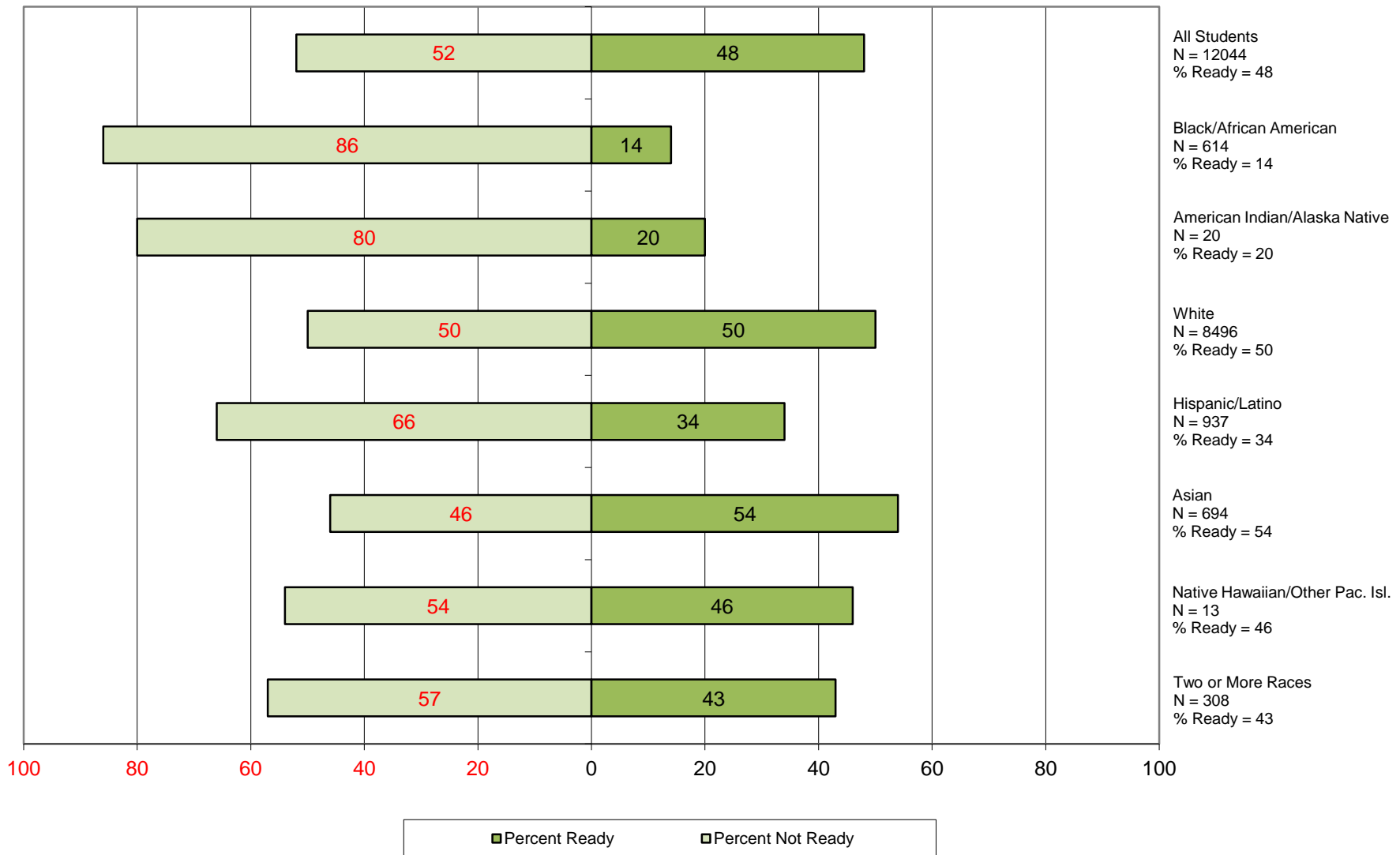


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Total Students in Report: 12,044

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



Total Students in Report: 12,044

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	3,099	26	24.4	3.3	1,310	24	24.1	3.2	1,789	27	24.7	3.4
Eng 9, Eng 10, Eng 11, Eng 12	8,349	69	24.4	3.3	3,852	70	24.1	3.2	4,497	69	24.6	3.3
Less than 4 years of English	205	2	21.1	-	106	2	20.9	-	99	2	21.3	-
Zero years / no English courses reported	391	3	20.8	-	221	4	20.5	-	169	3	21.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,164	10	26.4	7.8	516	9	26.7	7.2	648	10	26.1	8.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	881	7	23.1	4.5	371	7	23.3	3.8	510	8	23.0	5.3
Alg 1, Alg 2, Geom, & Trig	531	4	20.4	1.8	212	4	20.5	1.0	319	5	20.3	2.6
Alg 1, Alg 2, Geom, & Other Adv Math	2,034	17	21.2	2.6	706	13	21.5	2.0	1,328	20	21.1	3.4
Other comb of 4 or more years of Math	5,634	47	26.3	7.7	2,858	52	26.9	7.4	2,776	42	25.8	8.1
Alg 1, Alg 2, & Geom	649	5	18.2	-0.4	260	5	18.5	-1.0	389	6	18.0	0.3
Other comb of 3 or 3.5 years of Math	628	5	23.5	4.9	282	5	23.8	4.3	346	5	23.2	5.5
Less than 3 years of Math	134	1	18.6	-	64	1	19.5	-	70	1	17.7	-
Zero years / no Math courses reported	389	3	20.8	-	220	4	21.0	-	168	3	20.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,205	10	25.2	0.5	647	12	24.5	0.4	558	9	26.2	1.0
Other comb of 4 or more years Social Science	4,861	40	24.6	-0.1	2,265	41	24.4	0.3	2,596	40	24.7	-0.5
US Hist, World Hist, & Am Gov	1,008	8	23.8	-0.9	480	9	23.2	-0.9	528	8	24.2	-1.0
Other comb of 3 or 3.5 years of Social Science	3,218	27	24.5	-0.2	1,286	23	24.3	0.2	1,932	29	24.6	-0.6
Less than 3 years of Social Science	1,362	11	24.7	-	589	11	24.1	-	773	12	25.2	-
Zero years / no Social Science courses reported	390	3	21.8	-	222	4	21.8	-	167	3	21.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	7,206	60	24.3	4.5	3,473	63	24.8	5.9	3,733	57	23.8	3.4
Bio, Chem, Phys	1,661	14	25.5	5.7	761	14	26.4	7.5	900	14	24.8	4.4
Gen Sci ² , Bio, Chem	2,171	18	21.4	1.6	766	14	21.4	2.5	1,405	21	21.4	1.0
Other comb of 3 years of Natural Science	114	1	21.4	1.6	60	1	21.4	2.5	54	1	21.4	1.0
Less than 3 years of Natural Science	500	4	19.8	-	207	4	18.9	-	293	4	20.4	-
Zero years / no Natural Science courses reported	392	3	21.1	-	222	4	21.3	-	169	3	20.8	-

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: 12,044

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	3,099	26	24.4	87	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	8,349	69	24.4	87	1,305,220	71	20.5	65
Less than 4 years of English	205	2	21.1	66	88,420	5	15.9	36
Zero years / no English courses reported	391	3	20.8	68	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,164	10	26.4	87	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	881	7	23.1	68	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	531	4	20.4	39	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	2,034	17	21.2	50	356,555	19	19.4	31
Other comb of 4 or more years of Math	5,634	47	26.3	83	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	649	5	18.2	22	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	628	5	23.5	68	90,105	5	19.8	35
Less than 3 years of Math	134	1	18.6	26	74,627	4	16.4	8
Zero years / no Math courses reported	389	3	20.8	41	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,205	10	25.2	69	48,992	3	22.3	50
Other comb of 4 or more years Social Science	4,861	40	24.6	66	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	1,008	8	23.8	63	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	3,218	27	24.5	65	504,877	27	21.3	43
Less than 3 years of Social Science	1,362	11	24.7	66	180,385	10	19.4	32
Zero years / no Social Science courses reported	390	3	21.8	48	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	7,206	60	24.3	64	781,043	42	22.1	46
Bio, Chem, Phys	1,661	14	25.5	73	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	2,171	18	21.4	41	505,460	27	20.0	28
Other comb of 3 years of Natural Science	114	1	21.4	41	52,236	3	19.2	24
Less than 3 years of Natural Science	500	4	19.8	30	220,701	12	18.1	17
Zero years / no Natural Science courses reported	392	3	21.1	39	86,928	5	17.7	17

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: 12,044

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	108	1	23.5	4	5	15.5	95	1	23.9
Architecture	102	1	23.6	1	1	12.0	87	1	23.7
Area, Ethnic, & Multidisciplinary Studies	29	0	26.7	0	0	.	21	0	26.3
Arts: Visual & Performing	439	4	22.8	2	2	15.0	374	4	22.7
Business	1,646	14	23.8	29	33	21.8	1,359	14	23.8
Communications	406	3	23.2	0	0	.	354	4	23.0
Community, Family, & Personal Services	140	1	20.1	1	1	17.0	126	1	20.2
Computer Science & Mathematics	316	3	25.8	1	1	22.0	267	3	25.9
Education	531	4	22.2	2	2	18.0	471	5	22.3
Engineering	1,106	9	26.4	5	6	23.8	965	10	26.4
Engineering Technology & Drafting	72	1	21.6	3	3	17.3	64	1	21.8
English & Foreign Languages	198	2	26.0	0	0	.	163	2	25.9
Health Administration & Assisting	135	1	20.7	0	0	.	117	1	20.4
Health Sciences & Technologies	1,593	13	23.3	8	9	20.4	1,412	15	23.2
Philosophy, Religion, & Theology	31	0	25.7	1	1	16.0	23	0	25.7
Repair, Production, & Construction	19	0	18.5	6	7	17.8	10	0	19.9
Sciences: Biological & Physical	1,214	10	25.9	3	3	19.7	1,058	11	25.8
Social Sciences & Law	1,086	9	23.8	1	1	18.0	946	10	23.7
Undecided	2,501	21	25.0	19	22	22.3	1,737	18	24.8
No Response	371	3	21.2	1	1	14.0	26	0	22.8

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: 12,044

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	50	22.9	1	12.0	2	20.5	32	23.8	7	24.6
2-yr College Degree	37	17.3	6	15.2	0	.	22	18.2	4	14.3
Bachelors Degree	3,913	22.4	187	17.1	9	20.6	2,986	22.8	297	20.5
Graduate Study	3,227	25.1	120	19.8	3	21.3	2,454	25.5	200	23.3
Prof. Level Degree	2,536	25.9	173	21.1	4	21.0	1,583	26.6	270	23.4
Other	125	22.8	5	20.4	0	.	78	22.9	14	21.1
No Response	2,156	24.6	122	18.6	2	17.5	1,341	25.2	145	21.6

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	50	22.9	5	21.0	0	.	1	23.0	2	16.0
2-yr College Degree	37	17.3	1	16.0	0	.	2	19.0	2	18.5
Bachelors Degree	3,913	22.4	154	23.8	6	20.3	101	22.3	173	23.2
Graduate Study	3,227	25.1	152	25.6	3	26.0	89	24.6	206	25.8
Prof. Level Degree	2,536	25.9	222	26.6	2	24.0	69	24.5	213	27.2
Other	125	22.8	10	24.2	0	.	4	23.3	14	23.4
No Response	2,156	24.6	150	26.2	2	26.5	42	24.8	352	24.7

Total Students in Report: 12,044

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	1,088	429	659	1	3	13	26	32	21	3
CENTRAL CONNECTICUT STATE UNIVERSITY	Connecticut	321	100	221	5	12	32	31	18	2	0
QUINNIPIAC UNIVERSITY	Connecticut	270	65	205	1	2	14	40	32	10	1
SOUTHERN CONNECTICUT STATE UNIVERSITY	Connecticut	265	41	224	4	16	34	30	13	3	0
EASTERN CONNECTICUT STATE UNIVERSITY	Connecticut	249	65	184	3	13	32	33	13	6	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	249	249	0	2	16	35	22	16	7	2
UNIVERSITY OF RHODE ISLAND	Rhode Island	229	49	180	0	1	25	38	30	5	1
NORTHEASTERN UNIVERSITY	Massachusetts	198	47	151	0	0	4	16	36	39	5
BOSTON UNIVERSITY	Massachusetts	187	45	142	0	1	6	20	30	37	5
WESTERN CONNECTICUT STATE UNIVERSITY	Connecticut	164	43	121	3	16	32	28	16	4	0
UNIVERSITY OF NEW HAVEN	Connecticut	141	54	87	1	6	25	36	25	6	1
NCAA ELIGIBILITY CENTER	Indiana	130	93	37	2	10	14	32	25	18	1
SACRED HEART UNIVERSITY	Connecticut	130	31	99	1	2	28	37	23	9	0
BOSTON COLLEGE	Massachusetts	127	47	80	0	1	6	16	21	51	6
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	126	18	108	2	3	12	28	33	21	1
UNIVERSITY OF HARTFORD	Connecticut	119	25	94	3	7	29	29	26	7	0
NEW YORK UNIVERSITY	New York	100	35	65	1	4	15	19	28	28	5
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	97	24	73	1	0	19	30	37	11	2
WORCESTER POLYTECHNIC INST	Massachusetts	95	26	69	0	0	2	11	45	32	11
FORDHAM UNIVERSITY	New York	90	19	71	0	1	7	24	40	26	2
YALE UNIVERSITY	Connecticut	89	37	52	2	1	4	24	26	37	6
BROWN UNIVERSITY	Rhode Island	88	27	61	1	0	0	6	27	42	24
UNIVERSITY OF VERMONT	Vermont	77	17	60	0	0	12	18	42	26	3
FAIRFIELD UNIVERSITY	Connecticut	76	10	66	1	1	11	38	36	12	1
ROGER WILLIAMS UNIVERSITY	Rhode Island	76	20	56	0	3	21	32	39	5	0
WESTERN NEW ENGLAND UNIVERSITY	Massachusetts	70	11	59	3	7	20	33	29	9	0
TUFTS UNIVERSITY	Massachusetts	67	27	40	0	0	1	3	24	58	13
VILLANOVA UNIVERSITY	Pennsylvania	65	18	47	0	0	2	15	38	37	8
SYRACUSE UNIVERSITY	New York	63	10	53	0	0	8	35	41	14	2
RENSSELAER POLYTECHNIC INSTITUTE	New York	59	12	47	0	0	0	5	34	44	17
All Other Institutions		5,880	1,595	4,285	1	4	14	25	28	21	6
Total		10,985	3,289	7,696	1	5	16	26	28	20	4

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: 12,044

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	10,461	976,031	24.7	21.3	8.3	7.1	24.3	20.6
Black/African American	486	114,263	19.1	16.4	7.6	6.3	19.4	16.3
American Indian/Alaska Native	16	6,408	21.6	16.8	8.4	6.2	22.1	16.5
White	7,408	520,054	25.2	23.1	8.3	7.3	24.6	22.1
Hispanic/Latino	792	167,575	22.5	18.5	8.0	6.9	22.3	18.4
Asian	633	61,663	25.4	23.7	8.4	7.7	24.9	22.9
Native Hawaiian/Other Pac. Isl.	10	3,742	23.3	17.7	8.5	6.6	23.3	17.6
Two or more races	260	39,565	24.5	21.4	8.3	7.1	24.1	20.7
Prefer not/No Response	856	62,761	25.9	21.6	8.3	7.1	25.1	20.9
Males	4,672	438,500	24.4	21.1	8.1	6.9	23.9	20.2
Females	5,788	530,240	25.0	21.6	8.4	7.3	24.6	21.1
Missing	1	7,291	18.0	16.0	6.0	5.9	17.0	15.7

