

ACT Profile Report - State

Graduating Class 2014

New Hampshire



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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

47% 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: 3,179 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 2% of the cohort took less than three years of math courses. Of these students, 21% were college ready. 5% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 20% of these students were college ready. In comparison, 74% 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 3% of the cohort took less than three years of natural science courses. 33% of these students were college ready. In comparison, 60% 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

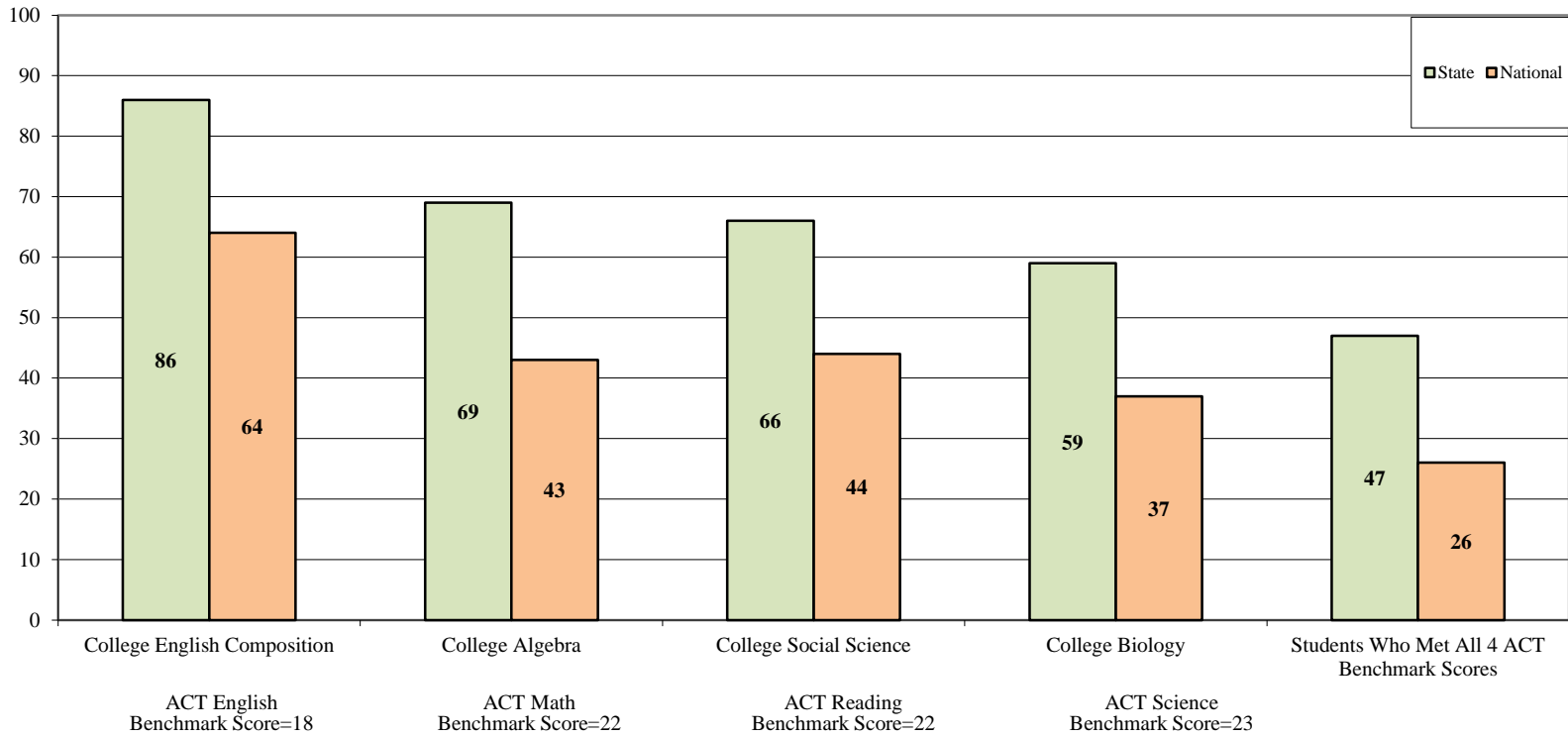
Executive Summary

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: 3,179

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	2,685	1,568,835	85	66	65	43	70	52	45	29	40	24
2011	2,884	1,623,112	85	66	66	45	71	52	43	30	38	25
2012	2,979	1,666,017	85	67	68	46	73	52	49	31	42	25
2013	2,987	1,799,243	84	64	66	44	64	44	54	36	43	26
2014	3,179	1,845,787	86	64	69	43	66	44	59	37	47	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	2,685	1,568,835	23.6	20.5	23.5	21.0	24.1	21.3	22.9	20.9	23.7	21.0
2011	2,884	1,623,112	23.7	20.6	23.7	21.1	24.1	21.3	23.0	20.9	23.7	21.1
2012	2,979	1,666,017	23.6	20.5	23.7	21.1	24.2	21.3	23.3	20.9	23.8	21.1
2013	2,987	1,799,243	23.6	20.2	23.6	20.9	24.2	21.1	23.2	20.7	23.8	20.9
2014	3,179	1,845,787	23.9	20.3	24.2	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: 3,179

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	2,148	433	80	16	23.9	23.1	23.8	22.6	24.3	23.6	23.2	22.2	23.9	23.0
2011	2,245	503	78	17	24.1	22.9	24.0	22.8	24.5	23.4	23.3	22.1	24.1	22.9
2012	2,378	466	80	16	23.9	22.7	23.9	23.2	24.6	23.2	23.5	22.6	24.1	23.0
2013	2,331	472	78	16	23.9	22.9	23.8	23.2	24.5	23.6	23.5	22.6	24.1	23.2
2014	2,538	522	80	16	24.1	23.6	24.3	23.9	24.8	23.9	23.7	23.4	24.4	23.8

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	2,685	100	23.7	2,884	100	23.7	2,979	100	23.8	2,987	100	23.8	3,179	100	24.2
Black/African American	42	2	20.2	43	1	20.8	45	2	20.8	64	2	22.0	51	2	22.4
American Indian/Alaska Native	7	0	26.1	12	0	21.1	6	0	23.5	6	0	23.8	5	0	23.8
White	2,244	84	23.6	2,357	82	23.8	2,422	81	23.8	2,360	79	23.7	2,459	77	24.1
Hispanic/Latino	65	2	22.5	89	3	23.2	101	3	23.6	102	3	24.1	124	4	23.3
Asian	84	3	25.8	101	4	24.6	135	5	24.8	151	5	24.5	184	6	25.0
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	2	0	21.0	3	0	20.0	5	0	21.6
Two or more races	45	2	24.6	60	2	23.6	45	2	24.4	71	2	24.7	77	2	25.0
Prefer not to respond/No response	198	7	24.1	222	8	23.9	223	7	24.7	230	8	24.3	274	9	25.1

Total Students in Report: 3,179

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



Total Students in Report: 3,179

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	3,047	96	24.0	24.3	24.5	23.6	24.2
	Extended Time	132	4	21.7	21.6	24.1	22.6	22.6
	Total	3,179	100	23.9	24.2	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	66	59	47
	Extended Time	76	48	64	46	34
	Total	86	69	66	59	47
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: 3,179

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	20	100	24	100	46	100	41	100	8	100	36
35	101	99	42	99	54	99	49	99	26	100	35
34	97	96	76	98	117	97	69	97	47	99	34
33	91	93	62	96	109	93	51	95	70	97	33
32	80	90	74	94	175	90	48	93	92	95	32
31	84	88	79	91	165	84	75	92	103	92	31
30	119	85	116	89	143	79	84	90	137	89	30
29	127	81	162	85	122	75	39	87	175	85	29
28	127	77	212	80	153	71	129	86	192	79	28
27	149	73	221	73	118	66	245	82	187	73	27
26	184	69	276	66	159	62	167	74	201	67	26
25	242	63	265	58	157	57	292	69	245	61	25
24	229	55	261	49	154	52	252	59	238	53	24
23	208	48	182	41	257	47	329	52	254	46	23
22	206	42	152	35	175	39	278	41	234	38	22
21	241	35	126	31	262	34	205	32	218	31	21
20	206	27	109	27	147	26	206	26	181	24	20
19	131	21	118	23	173	21	174	20	162	18	19
18	91	17	165	20	110	16	125	14	116	13	18
17	71	14	172	14	87	12	81	10	96	9	17
16	89	12	167	9	65	9	70	8	78	6	16
15	114	9	78	4	72	7	49	5	55	4	15
14	47	5	27	1	54	5	47	4	27	2	14
13	39	4	10	1	39	3	23	2	21	1	13
12	34	3	2	1	37	2	16	2	12	1	12
11	23	2	1	1	21	1	8	1	2	1	11
10	15	1	0	1	7	1	19	1	2	1	10
9	7	1	0	1	1	1	5	1	0	1	9
8	6	1	0	1	0	1	0	1	0	1	8
7	1	1	0	1	0	1	0	1	0	1	7
6	0	1	0	1	0	1	3	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	23.9 (5.9)		24.2 (5.2)		24.5 (6.0)		23.6 (5.1)		24.2 (4.9)		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: 3,179

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	251	100	68	100	150	100	200	100	230	100	60	100	60	100	18
17	291	92	110	98	279	95	392	94	250	93	85	98	38	98	17
16	224	83	225	94	321	87	283	81	311	85	152	95	292	97	16
15	230	76	356	87	216	76	276	72	294	75	353	91	356	88	15
14	211	69	360	76	347	70	213	64	354	66	439	80	362	77	14
13	314	62	414	65	306	59	331	57	398	55	420	66	436	65	13
12	289	52	397	52	326	49	321	47	361	42	464	53	348	51	12
11	300	43	376	39	320	39	253	37	206	31	272	38	384	40	11
10	354	34	260	27	282	29	219	29	191	24	396	29	321	28	10
9	235	22	273	19	194	20	265	22	190	18	199	17	261	18	9
8	147	15	150	11	201	14	119	13	161	12	173	11	154	10	8
7	117	10	77	6	96	7	146	10	157	7	74	5	84	5	7
6	102	7	55	4	74	4	66	5	47	2	50	3	41	3	6
5	57	4	38	2	37	2	68	3	19	1	19	1	19	1	5
4	40	2	12	1	16	1	20	1	7	1	15	1	12	1	4
3	13	1	6	1	6	1	5	1	3	1	5	1	6	1	3
2	4	1	1	1	6	1	1	1	0	1	0	1	3	1	2
1	0	1	1	1	2	1	1	1	0	1	3	1	2	1	1
Avg (SD)	12.3 (3.7)		12.2 (2.9)		12.5 (3.4)		12.7 (3.6)		12.9 (3.3)		12.1 (2.8)		12.2 (2.8)		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	28	30	27	28
Q2 (50th Percentile)	24	25	24	23	24
Q1 (25th Percentile)	20	20	20	20	21

Total Students in Report: 3,179

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	3,179	80	24.4	23.8
	Black/African American	51	75	21.9	24.3
	American Indian/Alaska Native	5	80	21.5	33.0
	White	2,459	83	24.2	23.5
	Hispanic/Latino	124	77	23.9	21.3
	Asian	184	64	25.5	25.5
	Native Hawaiian/Other Pac. Isl.	5	60	21.0	22.5
	Two or more races	77	77	25.3	24.4
	Prefer not/No Response	274	66	25.7	25.6
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	23.9	24.2	24.5	23.6	24.2
	Black/African American	22.5	22.1	23.1	21.5	22.4
	American Indian/Alaska Native	21.6	24.8	22.8	25.0	23.8
	White	23.8	23.9	24.6	23.5	24.1
	Hispanic/Latino	23.1	23.6	23.3	22.7	23.3
	Asian	24.1	27.6	23.2	24.5	25.0
	Native Hawaiian/Other Pac. Isl.	21.6	22.4	19.8	21.6	21.6
	Two or more races	24.9	24.9	25.3	24.3	25.0
	Prefer not/No Response	25.0	24.7	25.9	24.3	25.1
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: 3,179

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	309	10	204	6	326	10	210	7
	28 to 32	537	17	643	20	758	24	375	12
	24 to 27	804	25	1,023	32	588	18	956	30
	20 to 23	861	27	569	18	841	26	1,018	32
	16 to 19	382	12	622	20	435	14	450	14
	13 to 15	200	6	115	4	165	5	119	4
	01 to 12	86	3	3	0	66	2	51	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	1,481	47	23.5	24.8	24.2	24.1	24.3
	Females	1,698	53	24.2	23.6	24.8	23.2	24.0
	Missing	0	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	85	74	64	62	49
	Females	87	65	68	56	45
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 3,179

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	2,538	88	24.1	71	24.3	68	24.8	60	23.7	48	24.4
	Less than Core	522	82	23.6	65	23.9	60	23.9	57	23.4	46	23.8
	Missing ³	119	68	20.6	45	21.5	49	21.7	41	21.8	24	21.5
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	2,995	87	24.1	3,006	71	24.4	2,690	67	24.5	2,963	60	23.8
	Less than Core	68	69	21.6	56	21	17.9	371	69	25.5	100	33	19.8
	Missing ³	116	67	20.5	117	45	21.5	118	48	21.7	116	41	21.7
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

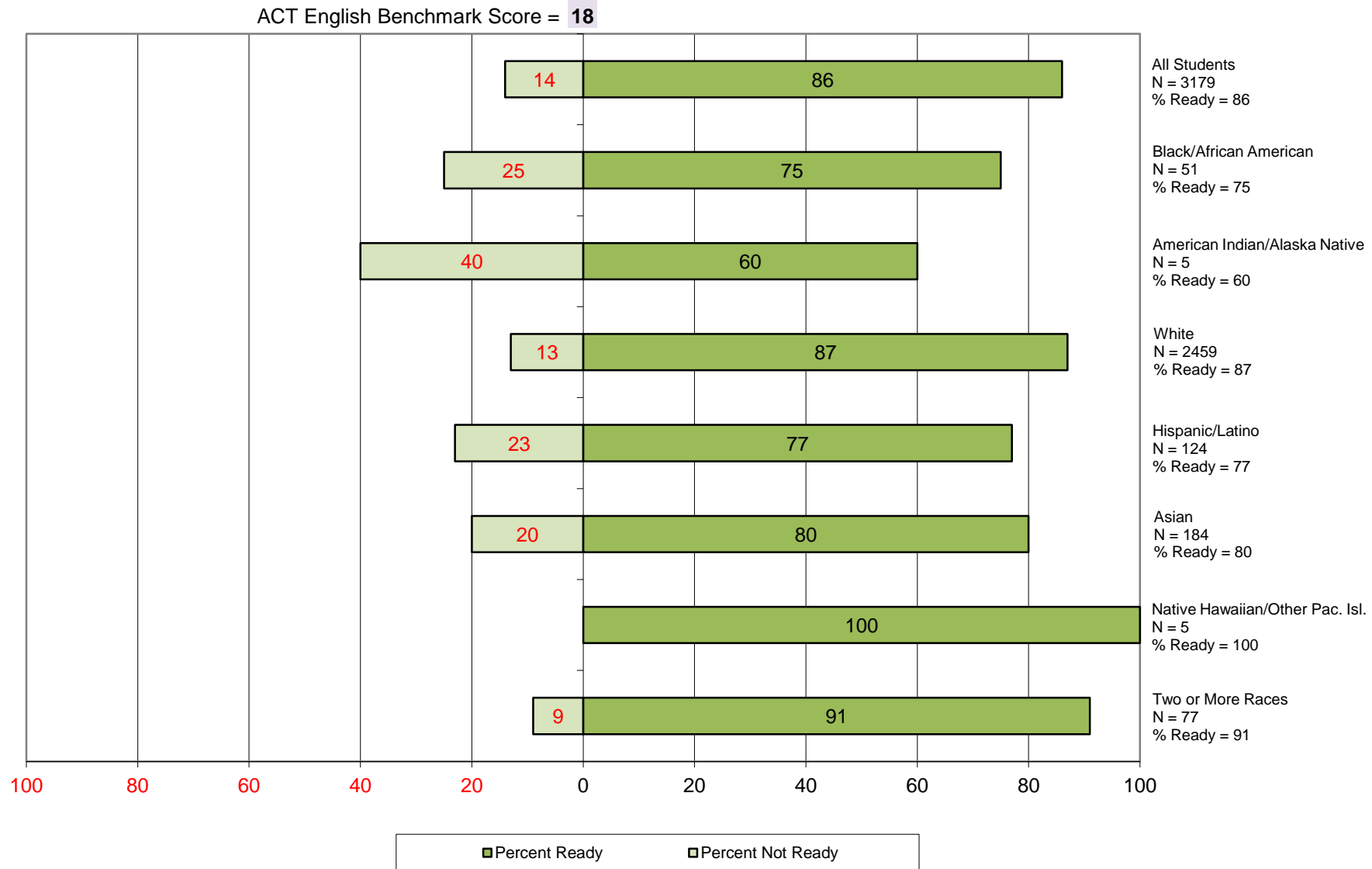


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

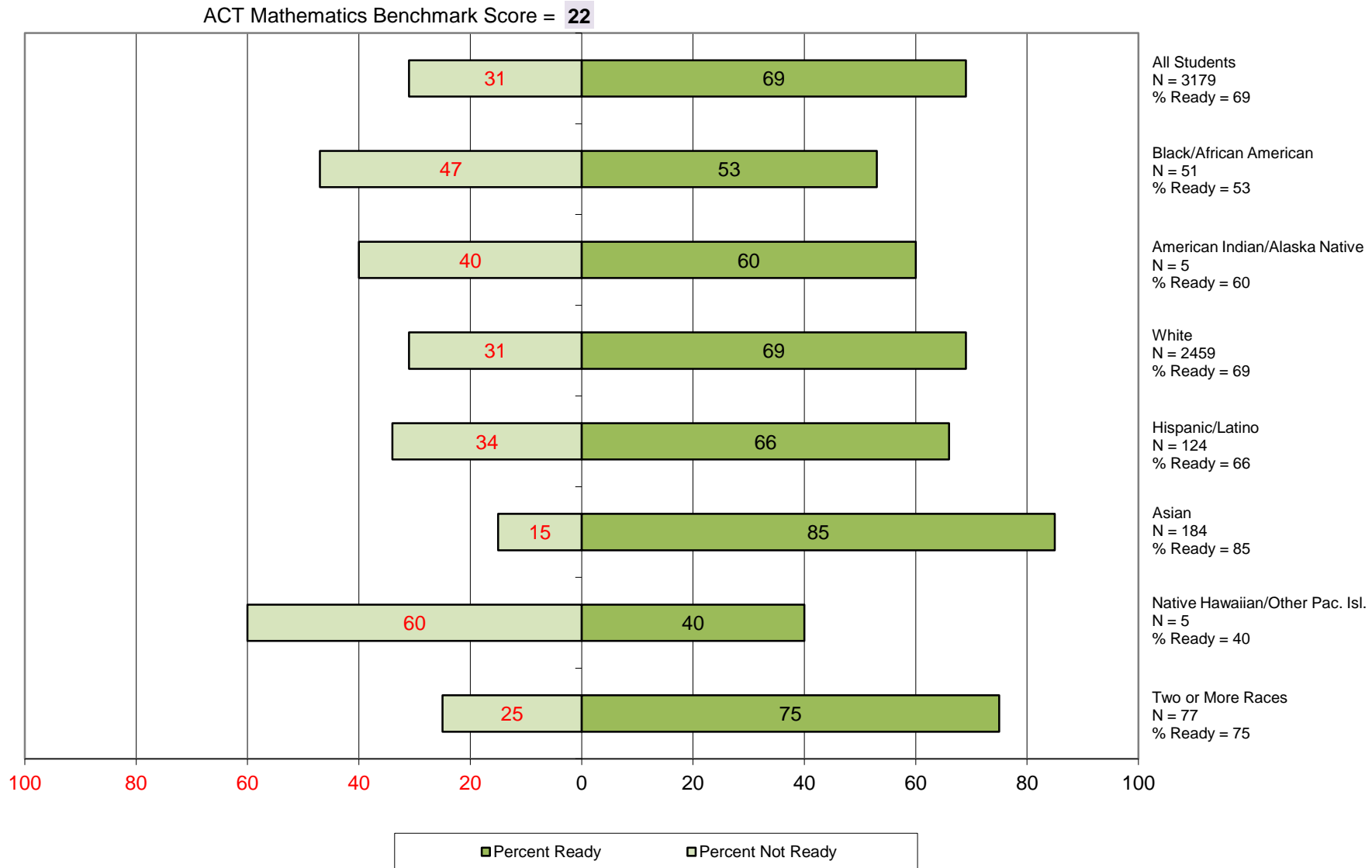


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

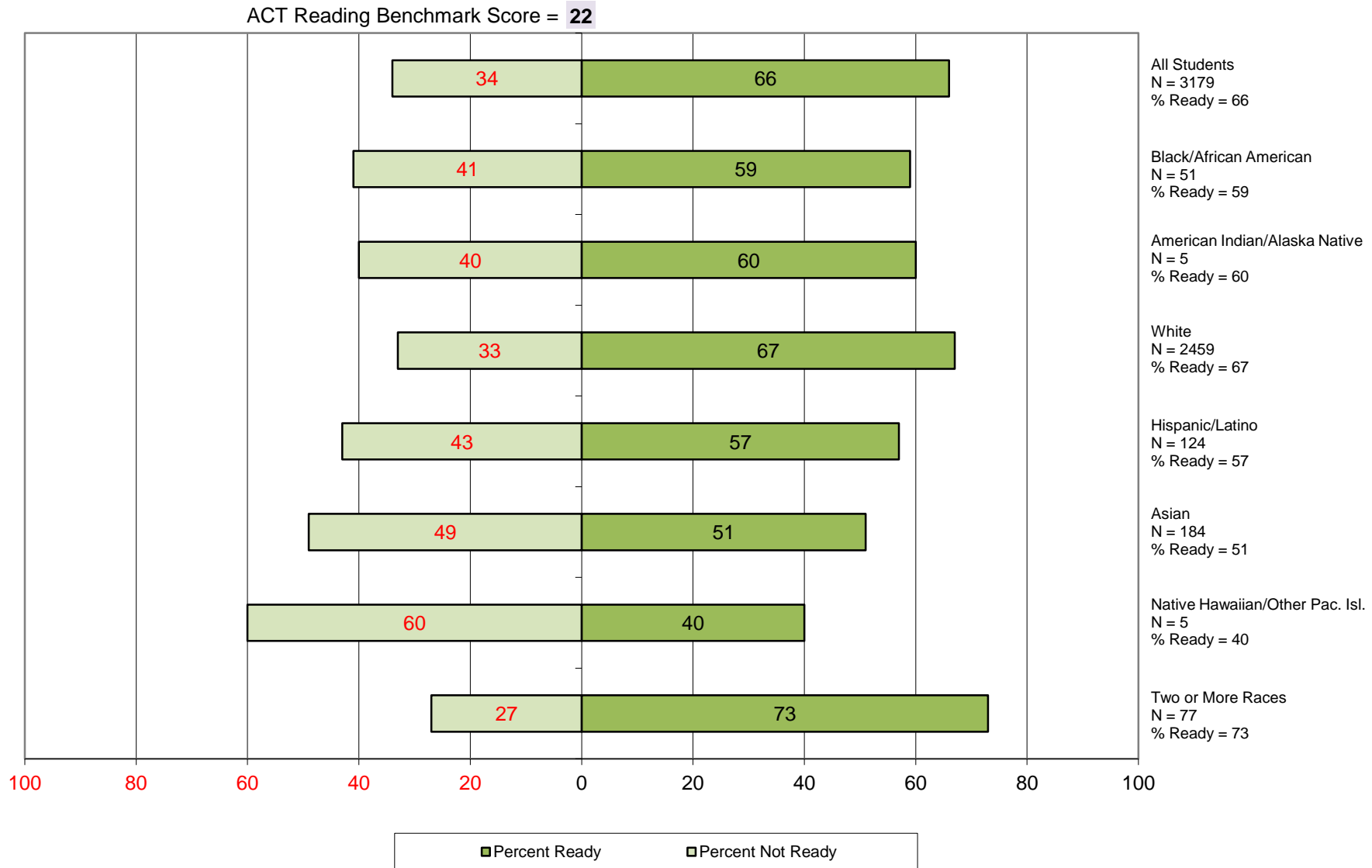


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

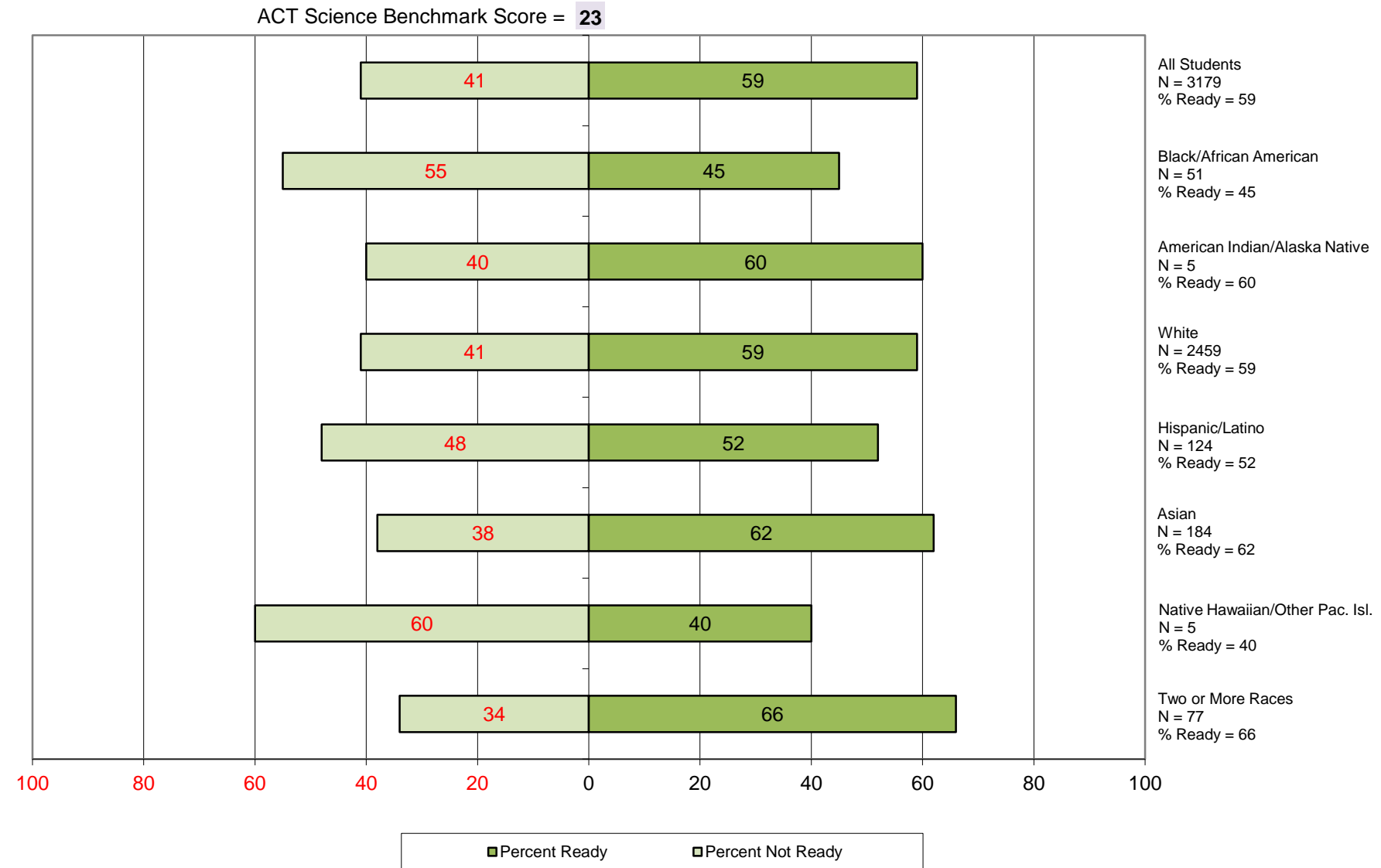
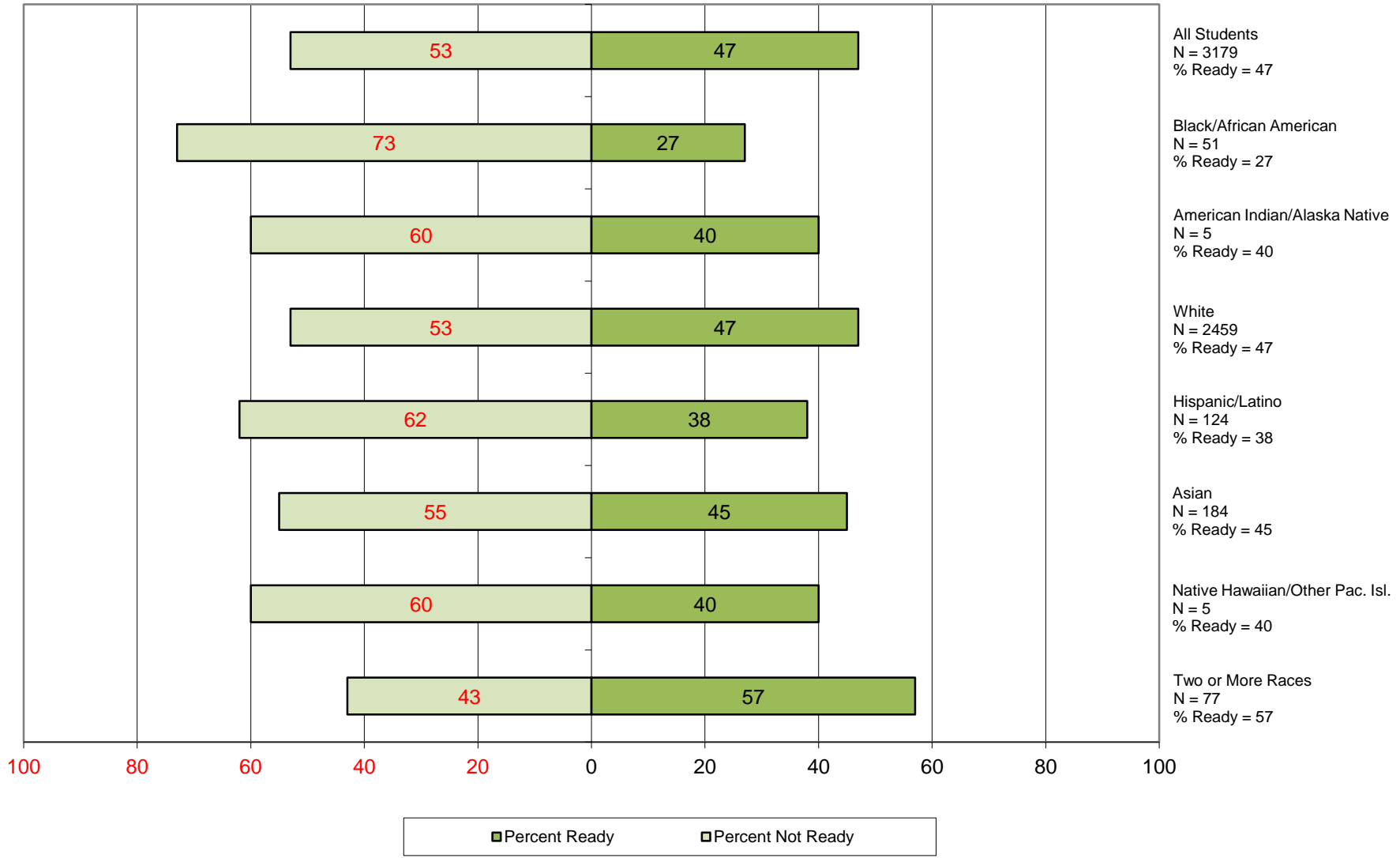


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 3,179

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	1,007	32	24.7	3.1	411	28	24.7	3.2	596	35	24.7	2.9
Eng 9, Eng 10, Eng 11, Eng 12	1,988	63	23.8	2.2	953	64	23.4	1.9	1,035	61	24.1	2.3
Less than 4 years of English	68	2	21.6	-	34	2	21.5	-	34	2	21.8	-
Zero years / no English courses reported	116	4	20.5	-	83	6	20.4	-	33	2	20.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	271	9	26.6	8.7	137	9	27.1	10.6	134	8	26.2	7.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	277	9	23.0	5.1	108	7	23.5	7.0	169	10	22.7	3.9
Alg 1, Alg 2, Geom, & Trig	128	4	20.8	2.9	53	4	21.0	4.5	75	4	20.7	1.9
Alg 1, Alg 2, Geom, & Other Adv Math	459	14	21.2	3.3	163	11	21.7	5.2	296	17	20.9	2.1
Other comb of 4 or more years of Math	1,569	49	26.1	8.2	791	53	26.7	10.2	778	46	25.5	6.7
Alg 1, Alg 2, & Geom	147	5	18.3	0.4	61	4	19.0	2.5	86	5	17.8	-1.0
Other comb of 3 or 3.5 years of Math	155	5	23.4	5.5	62	4	22.5	6.0	93	5	24.0	5.2
Less than 3 years of Math	56	2	17.9	-	23	2	16.5	-	33	2	18.8	-
Zero years / no Math courses reported	117	4	21.5	-	83	6	21.9	-	34	2	20.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	90	3	26.2	0.7	49	3	24.8	-0.4	41	2	28.0	2.3
Other comb of 4 or more years Social Science	1,688	53	24.5	-1.0	750	51	24.3	-0.9	938	55	24.6	-1.1
US Hist, World Hist, & Am Gov	50	2	24.9	-0.6	23	2	24.6	-0.6	27	2	25.2	-0.5
Other comb of 3 or 3.5 years of Social Science	862	27	24.4	-1.1	402	27	24.2	-1.0	460	27	24.5	-1.2
Less than 3 years of Social Science	371	12	25.5	-	173	12	25.2	-	198	12	25.7	-
Zero years / no Social Science courses reported	118	4	21.7	-	84	6	21.5	-	34	2	22.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	2,068	65	24.2	4.4	987	67	24.8	5.4	1,081	64	23.7	3.8
Bio, Chem, Phys	258	8	26.0	6.2	141	10	25.9	6.5	117	7	26.1	6.2
Gen Sci ² , Bio, Chem	582	18	21.5	1.7	198	13	21.3	1.9	384	23	21.5	1.6
Other comb of 3 years of Natural Science	55	2	22.7	2.9	35	2	22.5	3.1	20	1	23.1	3.2
Less than 3 years of Natural Science	100	3	19.8	-	37	2	19.4	-	63	4	19.9	-
Zero years / no Natural Science courses reported	116	4	21.7	-	83	6	22.1	-	33	2	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: 3,179

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	1,007	32	24.7	89	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	1,988	63	23.8	86	1,305,220	71	20.5	65
Less than 4 years of English	68	2	21.6	69	88,420	5	15.9	36
Zero years / no English courses reported	116	4	20.5	67	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	271	9	26.6	89	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	277	9	23.0	66	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	128	4	20.8	47	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	459	14	21.2	48	356,555	19	19.4	31
Other comb of 4 or more years of Math	1,569	49	26.1	83	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	147	5	18.3	20	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	155	5	23.4	64	90,105	5	19.8	35
Less than 3 years of Math	56	2	17.9	21	74,627	4	16.4	8
Zero years / no Math courses reported	117	4	21.5	45	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	90	3	26.2	77	48,992	3	22.3	50
Other comb of 4 or more years Social Science	1,688	53	24.5	67	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	50	2	24.9	68	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	862	27	24.4	65	504,877	27	21.3	43
Less than 3 years of Social Science	371	12	25.5	69	180,385	10	19.4	32
Zero years / no Social Science courses reported	118	4	21.7	48	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	2,068	65	24.2	65	781,043	42	22.1	46
Bio, Chem, Phys	258	8	26.0	74	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	582	18	21.5	40	505,460	27	20.0	28
Other comb of 3 years of Natural Science	55	2	22.7	55	52,236	3	19.2	24
Less than 3 years of Natural Science	100	3	19.8	33	220,701	12	18.1	17
Zero years / no Natural Science courses reported	116	4	21.7	41	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: 3,179

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	40	1	21.6	1	5	17.0	36	1	21.8
Architecture	28	1	24.6	0	0	.	22	1	24.3
Area, Ethnic, & Multidisciplinary Studies	8	0	28.1	0	0	.	8	0	28.1
Arts: Visual & Performing	112	4	22.3	1	5	26.0	97	4	22.2
Business	376	12	23.0	4	18	22.8	327	12	22.9
Communications	90	3	22.5	1	5	15.0	83	3	22.7
Community, Family, & Personal Services	20	1	22.3	3	14	18.7	15	1	23.3
Computer Science & Mathematics	99	3	26.3	0	0	.	89	3	26.0
Education	128	4	22.1	1	5	26.0	114	4	22.1
Engineering	348	11	26.8	0	0	.	322	12	26.7
Engineering Technology & Drafting	16	1	21.4	0	0	.	14	1	22.1
English & Foreign Languages	61	2	26.2	0	0	.	50	2	26.4
Health Administration & Assisting	20	1	20.5	0	0	.	18	1	21.0
Health Sciences & Technologies	465	15	23.2	1	5	17.0	434	17	23.1
Philosophy, Religion, & Theology	8	0	24.6	0	0	.	7	0	25.1
Repair, Production, & Construction	2	0	17.5	1	5	13.0	1	0	22.0
Sciences: Biological & Physical	371	12	26.0	1	5	17.0	319	12	25.8
Social Sciences & Law	254	8	23.8	2	9	19.0	227	9	23.6
Undecided	626	20	24.5	6	27	17.3	435	17	24.5
No Response	107	3	21.5	0	0	.	10	0	22.6

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: 3,179

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	8	20.4	0	.	0	.	5	18.4	0	.
2-yr College Degree	14	18.4	0	.	0	.	11	17.4	2	24.0
Bachelors Degree	1,149	22.4	9	19.3	0	.	971	22.5	38	20.4
Graduate Study	816	25.2	10	24.4	3	24.0	678	25.1	23	25.0
Prof. Level Degree	663	25.9	22	23.2	1	19.0	471	25.7	37	25.3
Other	25	22.8	0	.	0	.	15	22.1	3	23.3
No Response	504	24.4	10	21.6	1	28.0	308	24.6	21	23.0

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	8	20.4	2	24.5	0	.	0	.	1	22.0
2-yr College Degree	14	18.4	0	.	0	.	1	18.0	0	.
Bachelors Degree	1,149	22.4	47	22.6	4	22.8	27	22.1	53	23.3
Graduate Study	816	25.2	29	26.3	0	.	9	27.3	64	25.9
Prof. Level Degree	663	25.9	58	27.1	1	17.0	28	27.1	45	27.5
Other	25	22.8	2	24.0	0	.	2	24.5	3	24.3
No Response	504	24.4	46	23.9	0	.	10	25.6	108	24.5

Total Students in Report: 3,179

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 NEW HAMPSHIRE	New Hampshire	350	122	228	0	3	14	35	29	17	3
NORTHEASTERN UNIVERSITY	Massachusetts	123	36	87	0	0	5	24	35	28	8
KEENE STATE COLLEGE	New Hampshire	87	23	64	1	11	24	39	16	7	1
PLYMOUTH STATE UNIVERSITY	New Hampshire	80	20	60	3	14	29	24	26	5	0
BOSTON UNIVERSITY	Massachusetts	75	12	63	0	3	7	29	32	23	7
UNIVERSITY OF VERMONT	Vermont	71	12	59	0	0	7	30	41	23	0
NCAA ELIGIBILITY CENTER	Indiana	67	50	17	0	4	24	33	19	18	1
BOSTON COLLEGE	Massachusetts	59	28	31	0	0	3	27	37	29	3
UNIVERSITY OF RHODE ISLAND	Rhode Island	58	8	50	0	0	19	38	31	10	2
UNIV OF MASSACHUSETTS LOWELL	Massachusetts	57	11	46	2	5	16	46	14	16	2
QUINNIPIAC UNIVERSITY	Connecticut	55	10	45	0	0	15	35	33	18	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	55	9	46	0	4	16	36	31	11	2
ENDICOTT COLLEGE	Massachusetts	51	14	37	0	0	24	47	25	4	0
UNIVERSITY OF CONNECTICUT	Connecticut	49	12	37	0	2	2	35	39	22	0
SAINT ANSELM COLLEGE	New Hampshire	46	9	37	0	2	26	37	17	17	0
SOUTHERN NEW HAMPSHIRE UNIVERSITY	New Hampshire	46	8	38	0	7	30	46	9	9	0
UNIVERSITY OF MAINE THE	Maine	44	10	34	0	2	30	32	25	11	0
UNIVERSITY OF NEW ENGLAND	Maine	44	12	32	0	5	36	25	30	5	0
WORCESTER POLYTECHNIC INST	Massachusetts	44	6	38	0	0	2	20	18	48	11
DARTMOUTH COLLEGE	New Hampshire	41	17	24	0	0	2	15	22	46	15
TUFTS UNIVERSITY	Massachusetts	41	17	24	0	0	0	10	37	37	17
RENSSELAER POLYTECHNIC INSTITUTE	New York	35	10	25	0	0	0	6	31	54	9
MASSACHUSETTS COLL PHARM/HLTH SCIENCES	Massachusetts	31	11	20	0	6	23	29	39	3	0
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	30	13	17	0	0	0	7	17	47	30
NEW YORK UNIVERSITY	New York	29	12	17	0	7	3	21	38	24	7
RIVIER COLLEGE	New Hampshire	29	13	16	0	10	41	38	7	3	0
WENTWORTH INSTITUTE OF TECHNOLOGY	Massachusetts	28	6	22	0	0	0	46	39	14	0
NHTI-CONCORD'S COMMUNITY COLLEGE	New Hampshire	27	9	18	4	19	33	15	22	7	0
CORNELL UNIVERSITY	New York	26	8	18	0	0	0	4	12	54	31
EMMANUEL COLLEGE	Massachusetts	26	6	20	0	4	19	35	38	4	0
All Other Institutions		2,164	627	1,537	0	3	13	28	28	23	5
Total		3,968	1,161	2,807	0	3	14	29	28	21	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: 3,179

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
All Students	2,756	976,031	24.2	21.3	7.9	7.1	23.5	20.6
Black/African American	45	114,263	23.4	16.4	7.6	6.3	22.6	16.3
American Indian/Alaska Native	5	6,408	21.6	16.8	7.2	6.2	21.0	16.5
White	2,101	520,054	24.2	23.1	7.9	7.3	23.5	22.1
Hispanic/Latino	108	167,575	23.5	18.5	7.8	6.9	22.9	18.4
Asian	174	61,663	24.3	23.7	7.9	7.7	23.6	22.9
Native Hawaiian/Other Pac. Isl.	4	3,742	21.5	17.7	6.5	6.6	20.3	17.6
Two or more races	69	39,565	25.1	21.4	7.9	7.1	24.1	20.7
Prefer not/No Response	250	62,761	25.3	21.6	7.9	7.1	24.3	20.9
Males	1,246	438,500	23.9	21.1	7.7	6.9	23.1	20.2
Females	1,510	530,240	24.5	21.6	8.0	7.3	23.9	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

