

ACT Profile Report - State

Graduating Class 2014

Maine



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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

40% 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: 1,276 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. 68% 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, 42% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 21% of these students were college ready. In comparison, 69% 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. 25% of these students were college ready. In comparison, 54% 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 26% 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

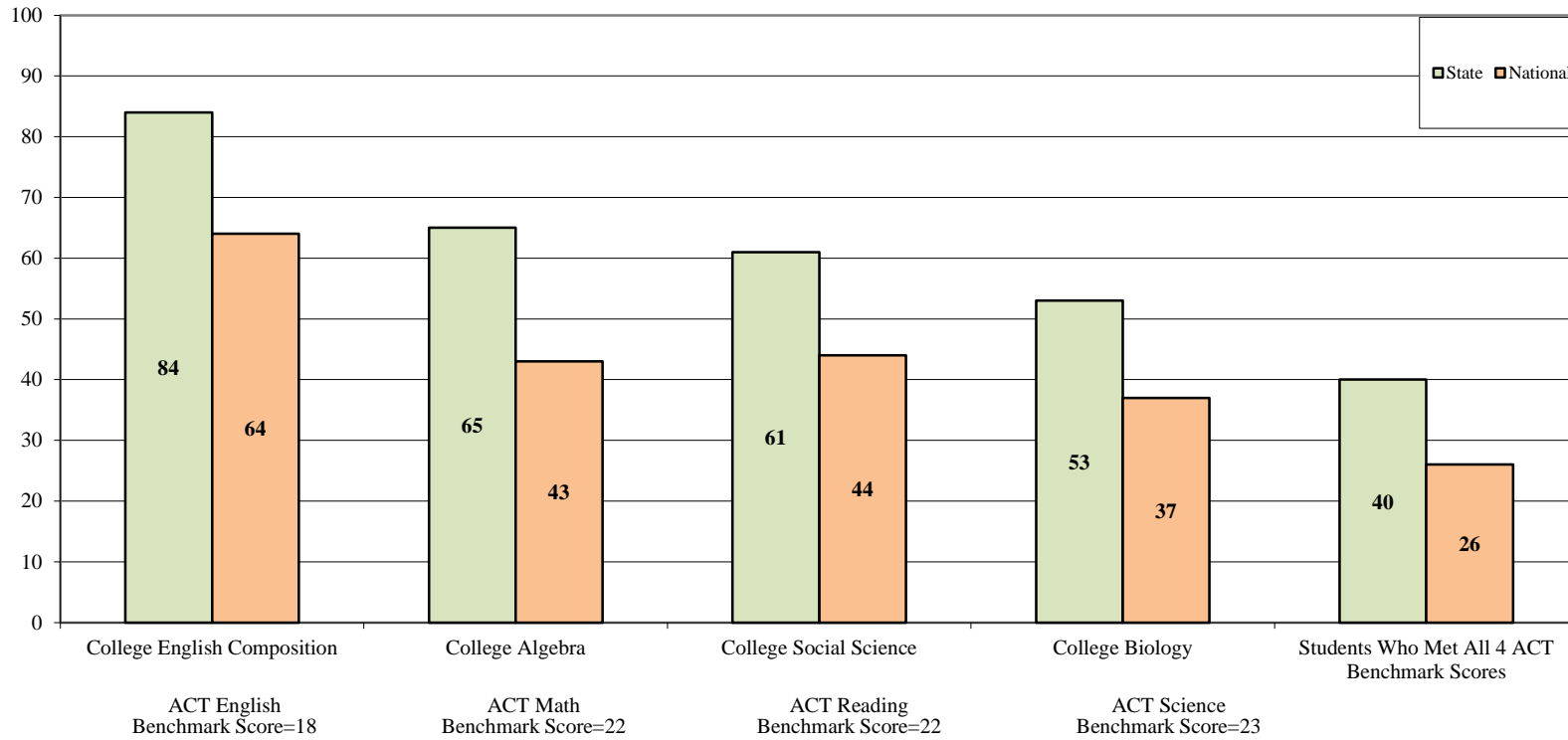
Executive Summary

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: 1,276

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	1,611	1,568,835	82	66	62	43	67	52	41	29	36	24
2011	1,476	1,623,112	82	66	63	45	68	52	40	30	35	25
2012	1,470	1,666,017	84	67	65	46	70	52	43	31	39	25
2013	1,283	1,799,243	83	64	64	44	62	44	53	36	41	26
2014	1,276	1,845,787	84	64	65	43	61	44	53	37	40	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	1,611	1,568,835	23.2	20.5	23.0	21.0	23.6	21.3	22.5	20.9	23.2	21.0
2011	1,476	1,623,112	23.3	20.6	23.2	21.1	23.8	21.3	22.5	20.9	23.3	21.1
2012	1,470	1,666,017	23.5	20.5	23.3	21.1	23.7	21.3	22.7	20.9	23.4	21.1
2013	1,283	1,799,243	23.4	20.2	23.3	20.9	23.8	21.1	22.9	20.7	23.5	20.9
2014	1,276	1,845,787	23.3	20.3	23.6	20.9	24.1	21.3	22.8	20.8	23.6	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: 1,276

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	1,033	505	64	31	23.5	23.0	23.2	22.9	24.0	23.2	22.7	22.4	23.5	23.0
2011	998	438	68	30	23.2	23.8	23.0	23.8	23.7	24.2	22.4	23.0	23.2	23.8
2012	1,000	425	68	29	23.5	23.5	23.2	23.7	23.8	23.7	22.6	23.0	23.4	23.6
2013	873	389	68	30	23.6	23.2	23.3	23.6	24.0	23.6	22.9	23.0	23.6	23.5
2014	866	391	68	31	23.4	23.0	23.5	23.7	24.2	23.7	22.9	22.6	23.7	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	1,611	100	23.2	1,476	100	23.3	1,470	100	23.4	1,283	100	23.5	1,276	100	23.6
Black/African American	35	2	18.2	38	3	17.0	22	1	17.8	22	2	20.6	29	2	18.7
American Indian/Alaska Native	8	0	20.4	4	0	18.3	3	0	16.3	3	0	24.3	4	0	19.3
White	1,340	83	23.5	1,224	83	23.5	1,224	83	23.6	1,052	82	23.6	1,013	79	23.7
Hispanic/Latino	23	1	21.2	29	2	23.5	31	2	22.6	30	2	21.0	32	3	23.4
Asian	49	3	23.5	49	3	22.8	56	4	23.1	63	5	23.0	79	6	23.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	1	0	24.0	1	0	23.0	1	0	23.0
Two or more races	10	1	22.6	24	2	22.6	33	2	22.5	20	2	23.1	30	2	23.5
Prefer not to respond/No response	146	9	22.3	108	7	23.6	100	7	23.3	92	7	24.0	88	7	24.3

Total Students in Report: 1,276

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



Total Students in Report: 1,276

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	1,248	98	23.3	23.6	24.0	22.8	23.6
	Extended Time	28	2	22.0	21.4	24.9	22.6	22.7
	Total	1,276	100	23.3	23.6	24.1	22.8	23.6
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	85	66	61	53	40
	Extended Time	75	39	68	43	36
	Total	84	65	61	53	40
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: 1,276

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	7	100	8	100	21	100	13	100	3	100	36
35	34	99	16	99	22	98	9	99	8	100	35
34	38	97	22	98	32	97	19	98	7	99	34
33	38	94	20	96	42	94	9	97	31	99	33
32	25	91	30	95	59	91	13	96	33	96	32
31	24	89	22	92	50	86	36	95	32	94	31
30	50	87	43	91	56	82	21	92	37	91	30
29	42	83	54	87	54	78	18	91	57	88	29
28	44	80	67	83	69	74	38	89	73	84	28
27	49	76	101	78	56	68	77	86	78	78	27
26	59	72	99	70	66	64	65	80	73	72	26
25	79	68	107	62	45	59	118	75	93	66	25
24	95	62	109	54	65	55	105	66	98	59	24
23	77	54	82	45	83	50	130	58	99	51	23
22	109	48	49	39	58	44	110	47	101	43	22
21	109	40	52	35	122	39	97	39	101	36	21
20	73	31	55	31	65	29	105	31	94	28	20
19	79	25	38	27	90	24	81	23	69	20	19
18	47	19	79	24	43	17	65	17	64	15	18
17	35	16	90	17	60	14	33	12	40	10	17
16	36	13	67	10	20	9	40	9	32	7	16
15	44	10	37	5	26	8	21	6	20	4	15
14	32	7	23	2	24	6	13	4	16	3	14
13	18	4	6	1	25	4	16	3	7	1	13
12	13	3	0	1	7	2	6	2	7	1	12
11	6	2	0	1	9	1	6	1	2	1	11
10	6	1	0	1	2	1	4	1	0	1	10
9	6	1	0	1	3	1	2	1	1	1	9
8	2	1	0	1	2	1	3	1	0	1	8
7	0	1	0	1	0	1	1	1	0	1	7
6	0	1	0	1	0	1	1	1	0	1	6
5	0	1	0	1	0	1	1	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)	23.3 (5.9)		23.6 (5.3)		24.1 (6.0)		22.8 (4.9)		23.6 (4.8)		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: 1,276

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	87	100	27	100	46	100	87	100	91	100	13	100	18	100	18
17	121	93	32	98	98	96	123	93	91	93	33	99	22	99	17
16	62	84	85	95	131	89	113	84	107	86	54	96	98	97	16
15	85	79	118	89	74	78	96	75	100	77	107	92	138	89	15
14	68	72	131	79	161	73	86	67	130	70	165	84	133	78	14
13	109	67	154	69	128	60	115	60	160	59	187	71	156	68	13
12	107	58	150	57	94	50	131	51	138	47	189	56	133	56	12
11	150	50	183	45	117	43	116	41	91	36	108	41	185	45	11
10	147	38	124	31	119	33	108	32	92	29	164	33	119	31	10
9	118	27	117	21	101	24	126	24	88	22	84	20	118	21	9
8	77	17	75	12	96	16	56	14	77	15	82	13	72	12	8
7	47	11	35	6	45	9	58	9	64	9	36	7	40	7	7
6	46	8	22	4	38	5	24	5	35	4	28	4	25	3	6
5	26	4	13	2	14	2	27	3	8	1	16	2	7	1	5
4	19	2	8	1	7	1	7	1	4	1	5	1	3	1	4
3	6	1	2	1	4	1	2	1	0	1	4	1	5	1	3
2	1	1	0	1	2	1	1	1	0	1	1	1	3	1	2
1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1
Avg (SD)	11.9 (3.7)		11.9 (2.9)		12.2 (3.4)		12.4 (3.5)		12.5 (3.4)		11.8 (2.8)		11.9 (2.9)		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)	27	27	29	25	27
Q2 (50th Percentile)	23	24	23	23	23
Q1 (25th Percentile)	19	19	20	20	20

Total Students in Report: 1,276

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	1,276	68	23.7	23.4
	Black/African American	29	55	18.8	18.5
	American Indian/Alaska Native	4	50	20.5	18.0
	White	1,013	69	23.7	23.8
	Hispanic/Latino	32	69	23.2	23.3
	Asian	79	58	23.6	22.5
	Native Hawaiian/Other Pac. Isl.	1	0	.	23.0
	Two or more races	30	63	23.7	23.1
	Prefer not/No Response	88	72	25.2	22.2
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	23.3	23.6	24.1	22.8	23.6
	Black/African American	17.8	18.4	19.8	17.7	18.7
	American Indian/Alaska Native	19.3	20.0	18.5	18.5	19.3
	White	23.5	23.5	24.3	23.0	23.7
	Hispanic/Latino	23.3	23.1	24.6	22.4	23.4
	Asian	21.8	26.6	21.1	22.6	23.2
	Native Hawaiian/Other Pac. Isl.	19.0	28.0	25.0	20.0	23.0
	Two or more races	23.4	22.5	24.3	23.2	23.5
	Prefer not/No Response	24.2	23.9	25.3	23.1	24.3
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: 1,276

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	117	9	66	5	117	9	50	4
	28 to 32	185	14	216	17	288	23	126	10
	24 to 27	282	22	416	33	232	18	365	29
	20 to 23	368	29	238	19	328	26	442	35
	16 to 19	197	15	274	21	213	17	219	17
	13 to 15	94	7	66	5	75	6	50	4
	01 to 12	33	3	0	0	23	2	24	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	512	40	22.7	24.2	23.8	23.1	23.6
	Females	764	60	23.7	23.1	24.3	22.6	23.6
	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	84	70	60	53	39
	Females	85	62	62	53	40
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

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	866	85	23.4	65	23.5	62	24.2	53	22.9	40	23.7
	Less than Core	391	83	23.0	67	23.7	58	23.7	51	22.6	39	23.4
	Missing ³	19	84	22.3	47	22.3	68	23.7	42	22.1	37	22.7
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	1,231	85	23.4	1,234	66	23.6	901	61	24.1	1,221	54	22.9
	Less than Core	28	64	20.7	24	42	21.3	358	60	23.9	36	25	19.6
	Missing ³	17	82	21.5	18	44	21.6	17	65	23.2	19	42	22.1
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

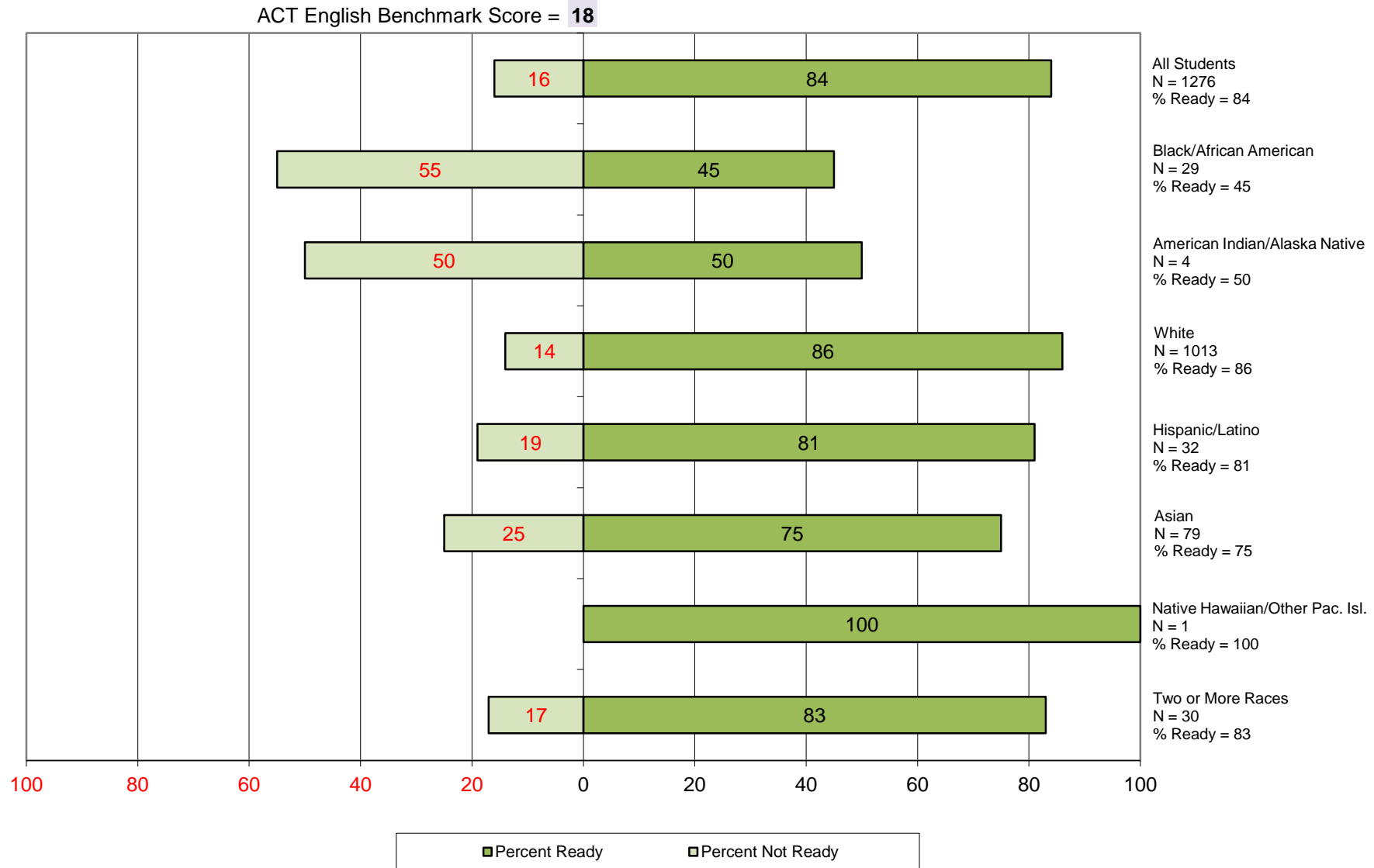


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

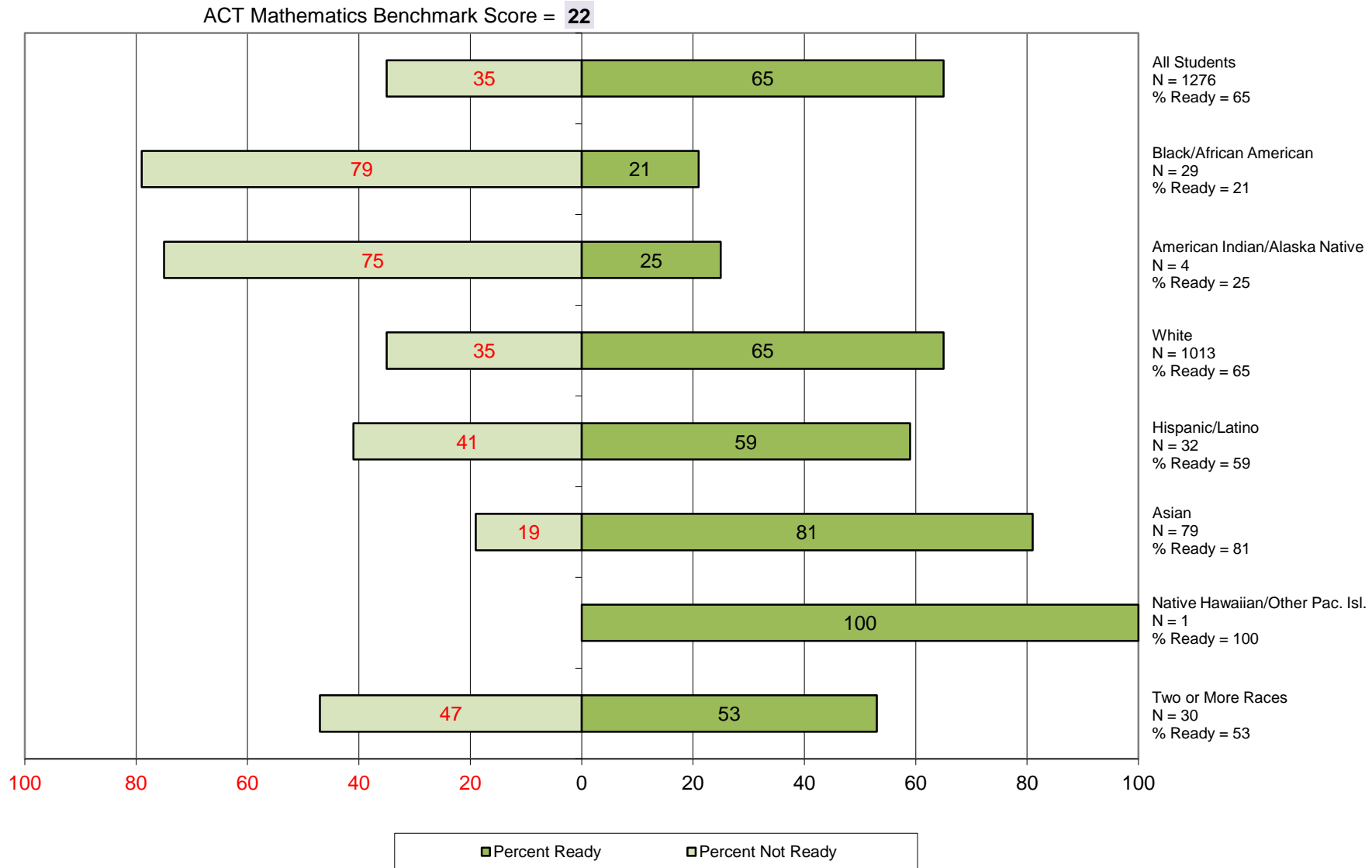


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

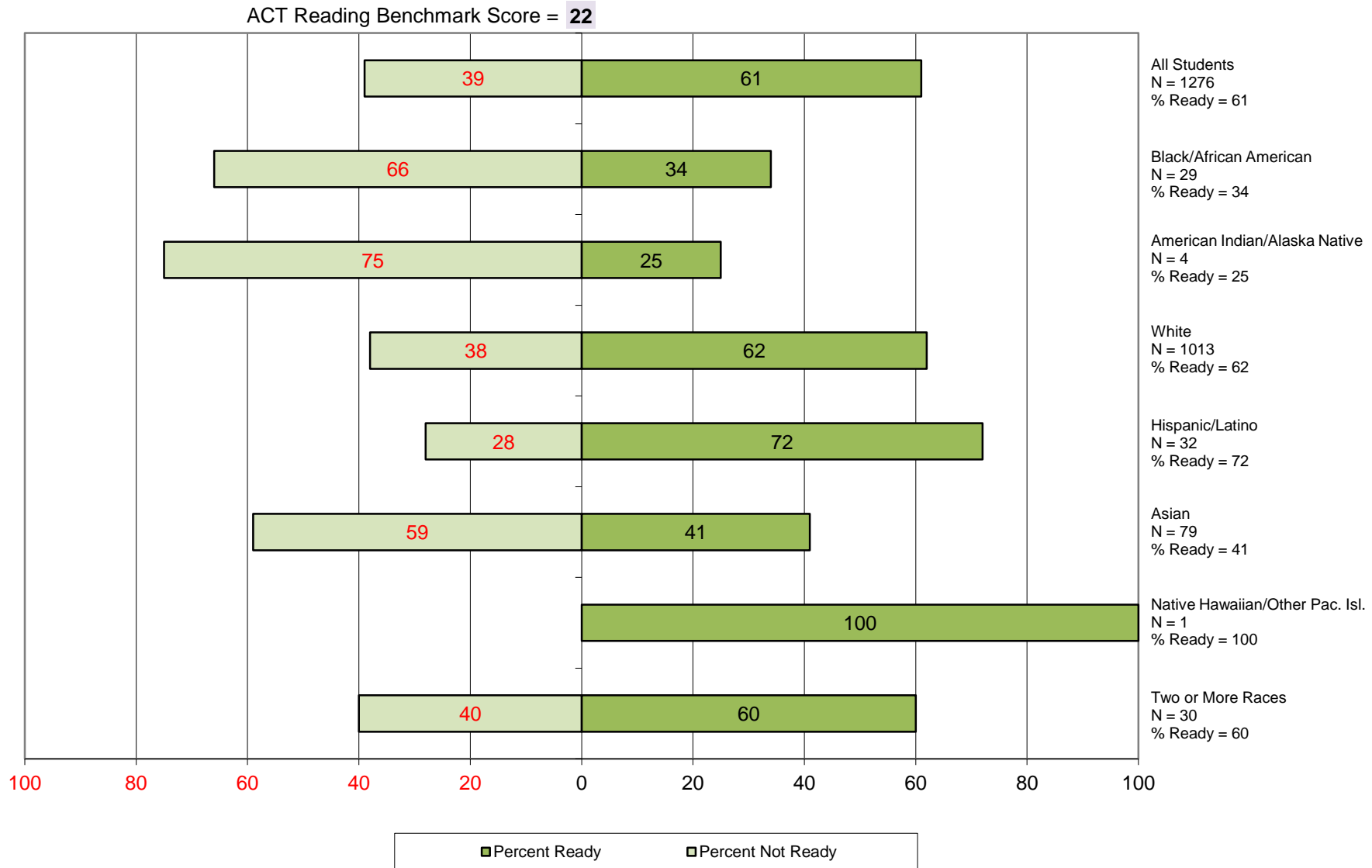


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

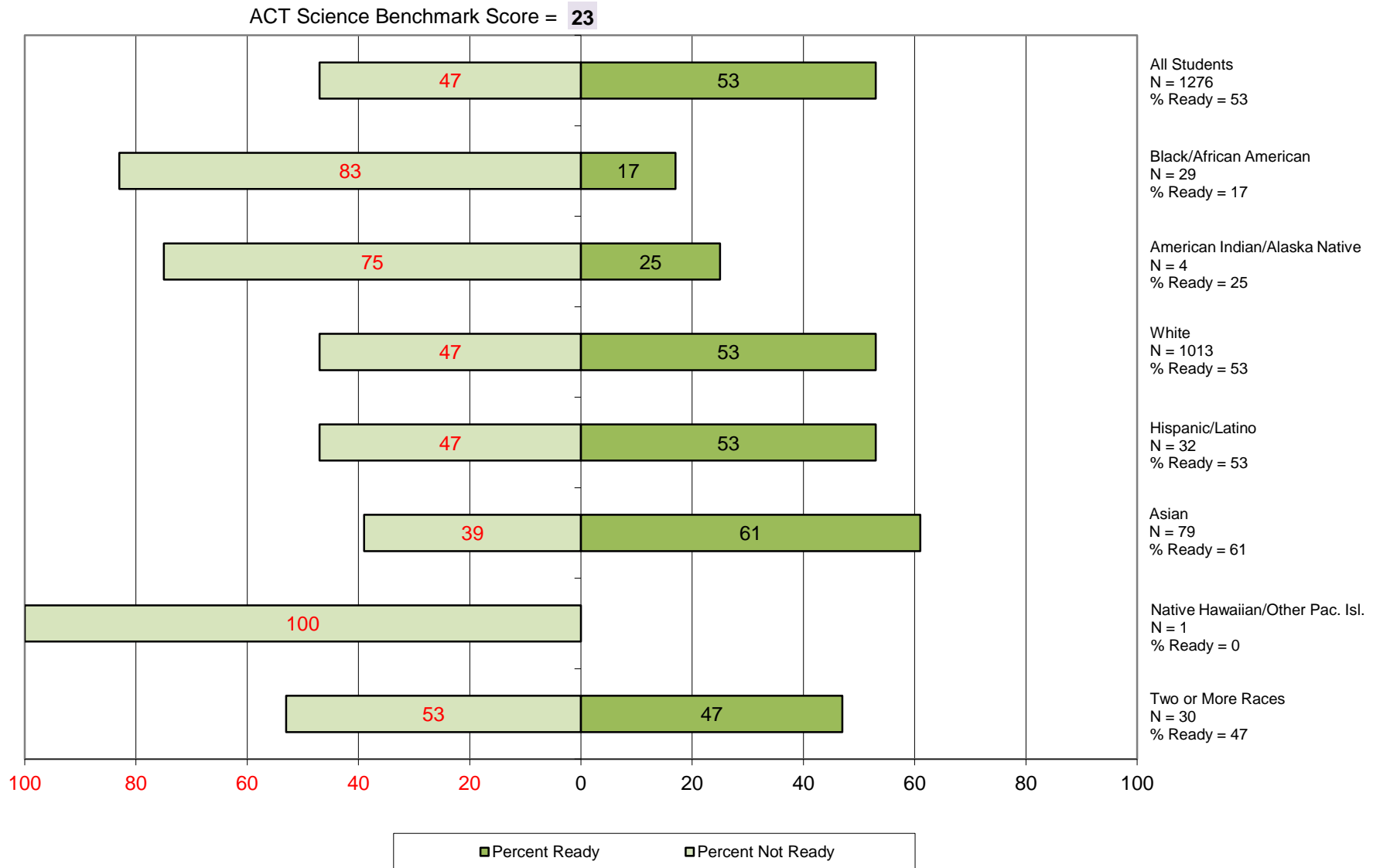
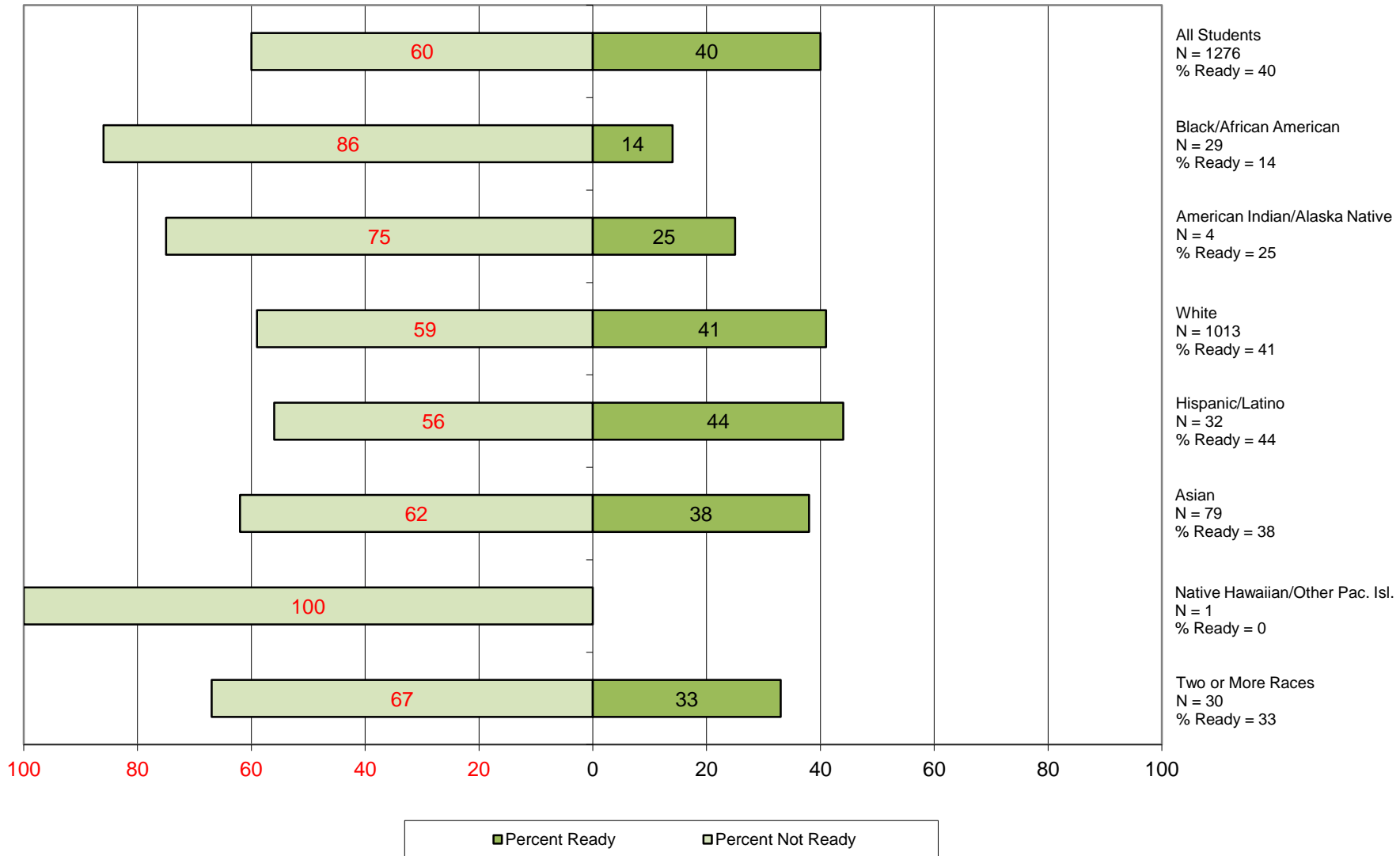


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 1,276

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	314	25	23.5	2.8	127	25	22.6	2.8	187	24	24.2	3.0
Eng 9, Eng 10, Eng 11, Eng 12	917	72	23.3	2.6	366	71	22.8	3.0	551	72	23.6	2.4
Less than 4 years of English	28	2	20.7	-	9	2	19.8	-	19	2	21.2	-
Zero years / no English courses reported	17	1	21.5	-	10	2	19.8	-	7	1	23.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	124	10	26.1	4.8	54	11	25.7	2.4	70	9	26.4	7.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	85	7	22.6	1.3	31	6	23.1	-0.2	54	7	22.2	2.9
Alg 1, Alg 2, Geom, & Trig	47	4	20.1	-1.2	17	3	19.8	-3.5	30	4	20.3	1.0
Alg 1, Alg 2, Geom, & Other Adv Math	240	19	20.6	-0.7	73	14	21.2	-2.1	167	22	20.4	1.1
Other comb of 4 or more years of Math	591	46	25.5	4.2	265	52	25.8	2.5	326	43	25.2	5.9
Alg 1, Alg 2, & Geom	76	6	18.3	-3.0	21	4	19.3	-4.0	55	7	17.9	-1.4
Other comb of 3 or 3.5 years of Math	71	6	23.7	2.4	29	6	24.6	1.3	42	5	23.1	3.8
Less than 3 years of Math	24	2	21.3	-	12	2	23.3	-	12	2	19.3	-
Zero years / no Math courses reported	18	1	21.6	-	10	2	19.5	-	8	1	24.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	70	5	25.3	1.4	34	7	25.2	1.8	36	5	25.5	1.3
Other comb of 4 or more years Social Science	406	32	23.7	-0.2	175	34	23.7	0.3	231	30	23.7	-0.5
US Hist, World Hist, & Am Gov	63	5	23.3	-0.6	23	4	22.0	-1.4	40	5	24.0	-0.2
Other comb of 3 or 3.5 years of Social Science	362	28	24.6	0.7	142	28	24.4	1.0	220	29	24.7	0.5
Less than 3 years of Social Science	358	28	23.9	-	128	25	23.4	-	230	30	24.2	-
Zero years / no Social Science courses reported	17	1	23.2	-	10	2	20.8	-	7	1	26.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	845	66	23.3	3.7	375	73	23.6	5.0	470	62	23.0	2.8
Bio, Chem, Phys	101	8	24.6	5.0	39	8	25.1	6.5	62	8	24.3	4.1
Gen Sci ² , Bio, Chem	256	20	21.3	1.7	63	12	20.7	2.1	193	25	21.5	1.3
Other comb of 3 years of Natural Science	19	1	19.2	-0.4	10	2	20.1	1.5	9	1	18.1	-2.1
Less than 3 years of Natural Science	36	3	19.6	-	14	3	18.6	-	22	3	20.2	-
Zero years / no Natural Science courses reported	19	1	22.1	-	11	2	20.5	-	8	1	24.1	-

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: 1,276

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	314	25	23.5	85	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	917	72	23.3	85	1,305,220	71	20.5	65
Less than 4 years of English	28	2	20.7	64	88,420	5	15.9	36
Zero years / no English courses reported	17	1	21.5	82	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	124	10	26.1	86	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	85	7	22.6	59	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	47	4	20.1	36	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	240	19	20.6	43	356,555	19	19.4	31
Other comb of 4 or more years of Math	591	46	25.5	80	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	76	6	18.3	21	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	71	6	23.7	66	90,105	5	19.8	35
Less than 3 years of Math	24	2	21.3	42	74,627	4	16.4	8
Zero years / no Math courses reported	18	1	21.6	44	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	70	5	25.3	67	48,992	3	22.3	50
Other comb of 4 or more years Social Science	406	32	23.7	61	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	63	5	23.3	51	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	362	28	24.6	62	504,877	27	21.3	43
Less than 3 years of Social Science	358	28	23.9	60	180,385	10	19.4	32
Zero years / no Social Science courses reported	17	1	23.2	65	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	845	66	23.3	57	781,043	42	22.1	46
Bio, Chem, Phys	101	8	24.6	72	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	256	20	21.3	38	505,460	27	20.0	28
Other comb of 3 years of Natural Science	19	1	19.2	26	52,236	3	19.2	24
Less than 3 years of Natural Science	36	3	19.6	25	220,701	12	18.1	17
Zero years / no Natural Science courses reported	19	1	22.1	42	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: 1,276

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	14	1	23.0	0	0	.	14	1	23.0
Architecture	7	1	20.0	0	0	.	7	1	20.0
Area, Ethnic, & Multidisciplinary Studies	0	0	.	0	0	.	0	0	.
Arts: Visual & Performing	52	4	22.8	0	0	.	41	4	22.7
Business	151	12	22.2	4	25	20.3	133	12	22.3
Communications	25	2	22.3	0	0	.	25	2	22.3
Community, Family, & Personal Services	14	1	21.0	0	0	.	11	1	20.4
Computer Science & Mathematics	32	3	26.3	0	0	.	25	2	26.4
Education	35	3	22.9	1	6	19.0	31	3	23.4
Engineering	130	10	25.7	1	6	17.0	125	11	25.7
Engineering Technology & Drafting	9	1	21.8	0	0	.	9	1	21.8
English & Foreign Languages	26	2	25.3	0	0	.	23	2	25.5
Health Administration & Assisting	13	1	20.0	1	6	16.0	12	1	20.3
Health Sciences & Technologies	207	16	22.2	7	44	20.0	189	17	22.1
Philosophy, Religion, & Theology	6	0	21.7	1	6	29.0	5	0	20.2
Repair, Production, & Construction	0	0	.	0	0	.	0	0	.
Sciences: Biological & Physical	164	13	24.9	0	0	.	149	14	24.9
Social Sciences & Law	124	10	24.7	0	0	.	110	10	24.6
Undecided	252	20	23.5	1	6	20.0	178	16	24.0
No Response	15	1	22.3	0	0	.	5	0	21.2

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: 1,276

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	9	19.9	0	.	0	.	7	20.1	0	.
2-yr College Degree	7	20.4	0	.	0	.	6	19.0	0	.
Bachelors Degree	466	22.0	8	16.3	2	16.5	395	22.1	10	20.4
Graduate Study	313	24.5	4	17.5	0	.	251	24.6	9	23.4
Prof. Level Degree	313	25.3	10	22.0	0	.	247	25.4	8	25.1
Other	8	20.3	0	.	0	.	7	20.7	0	.
No Response	160	23.6	7	17.3	2	22.0	100	24.3	5	26.8

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	9	19.9	1	19.0	0	.	0	.	1	19.0
2-yr College Degree	7	20.4	0	.	0	.	0	.	1	29.0
Bachelors Degree	466	22.0	22	22.2	0	.	9	20.4	20	23.8
Graduate Study	313	24.5	22	23.0	0	.	13	24.8	14	26.3
Prof. Level Degree	313	25.3	20	25.4	1	23.0	6	27.8	21	25.2
Other	8	20.3	1	17.0	0	.	0	.	0	.
No Response	160	23.6	13	22.3	0	.	2	15.0	31	23.1

Total Students in Report: 1,276

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 MAINE THE	Maine	101	26	75	1	2	21	33	30	12	2
UNIVERSITY OF NEW ENGLAND	Maine	45	10	35	0	0	16	51	22	11	0
UNIVERSITY OF SOUTHERN MAINE	Maine	42	8	34	0	10	33	40	10	5	2
HUSSON UNIVERSITY	Maine	39	13	26	0	8	26	38	23	5	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	39	7	32	0	5	28	36	21	10	0
BOSTON UNIVERSITY	Massachusetts	24	5	19	0	4	8	17	38	33	0
BOSTON COLLEGE	Massachusetts	23	10	13	0	0	4	0	52	35	9
UNIVERSITY OF VERMONT	Vermont	23	8	15	0	0	9	39	35	17	0
WORCESTER POLYTECHNIC INST	Massachusetts	22	7	15	0	0	0	18	41	23	18
COLBY COLLEGE	Maine	21	5	16	0	0	0	14	24	52	10
NORTHEASTERN UNIVERSITY	Massachusetts	21	8	13	0	0	10	10	33	38	10
TUFTS UNIVERSITY	Massachusetts	21	14	7	0	0	5	14	33	43	5
MAINE MARITIME ACADEMY	Maine	18	7	11	0	6	39	28	22	6	0
SAINT JOSEPH'S COLLEGE	Maine	14	5	9	0	29	36	21	7	7	0
MCGILL UNIVERSITY		13	6	7	0	0	8	8	31	38	15
UNIVERSITY OF MAINE AT FARMINGTON	Maine	13	3	10	8	0	31	38	15	8	0
NCAA ELIGIBILITY CENTER	Indiana	12	8	4	0	0	17	42	42	0	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	12	4	8	0	0	0	58	33	8	0
UNIVERSITY OF CONNECTICUT	Connecticut	12	3	9	0	0	17	25	42	17	0
BATES COLLEGE	Maine	11	3	8	0	9	0	27	18	45	0
BOWDOIN COLLEGE	Maine	11	3	8	0	0	9	27	9	36	18
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	11	9	2	0	0	0	18	27	18	36
QUINNIPIAC UNIVERSITY	Connecticut	11	5	6	0	0	9	64	9	18	0
RENSSELAER POLYTECHNIC INSTITUTE	New York	11	2	9	0	0	0	9	64	27	0
BROWN UNIVERSITY	Rhode Island	10	7	3	0	0	0	0	50	30	20
CORNELL UNIVERSITY	New York	10	2	8	0	0	0	20	30	50	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	10	1	9	0	10	10	40	30	10	0
SYRACUSE UNIVERSITY	New York	10	2	8	0	10	30	20	20	20	0
THOMAS COLLEGE	Maine	10	1	9	0	0	50	40	10	0	0
BENTLEY UNIVERSITY	Massachusetts	9	3	6	0	0	11	22	44	22	0
All Other Institutions		878	264	614	1	5	15	28	30	18	4
Total		1,507	459	1,048	1	4	16	28	29	18	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: 1,276

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	1,075	976,031	23.7	21.3	7.7	7.1	22.9	20.6
Black/African American	24	114,263	18.3	16.4	6.8	6.3	18.2	16.3
American Indian/Alaska Native	3	6,408	20.7	16.8	7.0	6.2	20.0	16.5
White	851	520,054	23.9	23.1	7.7	7.3	23.1	22.1
Hispanic/Latino	29	167,575	23.4	18.5	7.6	6.9	22.6	18.4
Asian	67	61,663	22.3	23.7	7.7	7.7	21.9	22.9
Native Hawaiian/Other Pac. Isl.	1	3,742	19.0	17.7	10.0	6.6	22.0	17.6
Two or more races	26	39,565	24.0	21.4	7.6	7.1	23.1	20.7
Prefer not/No Response	74	62,761	24.4	21.6	7.6	7.1	23.3	20.9
Males	428	438,500	23.0	21.1	7.4	6.9	22.2	20.2
Females	647	530,240	24.1	21.6	7.8	7.3	23.3	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

