

ACT Profile Report - State

Graduating Class 2013
Maine



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This report provides information about the performance of your 2013 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2013. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students who met or exceeded ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

Total Students in Report: 1,283

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores, updated for 2013, are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

41% 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: 1,283 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, 29% were college ready. 7% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 10% 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 2% of the cohort took less than three years of natural science courses. 19% 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 28% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1309 or customerservices@act.org.

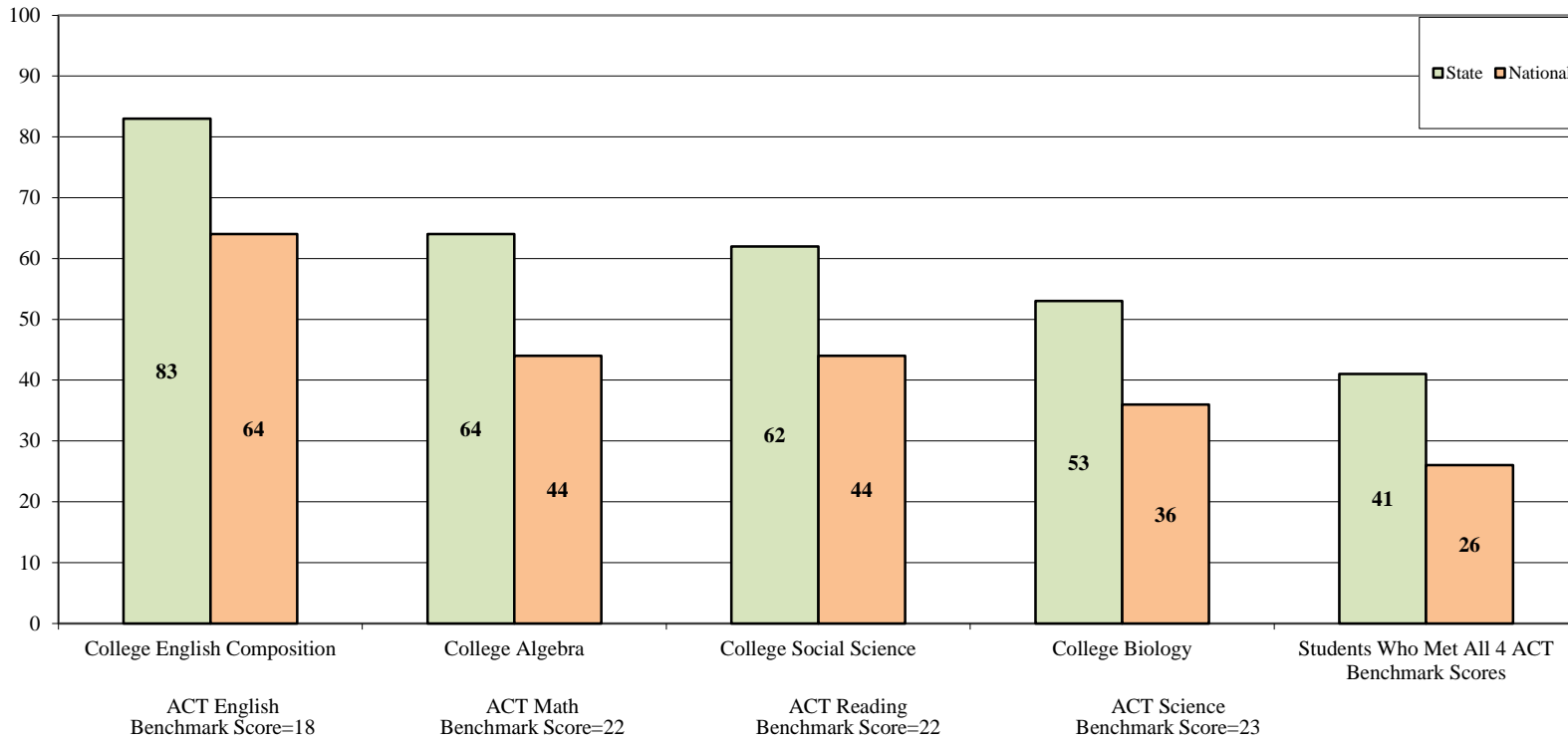
Section I

Executive Summary

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

To find the results of only standard time or extended time test takers, refer to Tables 1.7 and 1.8 on page 10.

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

Total Students in Report: 1,283

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
2009	1,438	1,480,469	82	67	60	42	69	53	39	28	34	23
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

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
2009	1,438	1,480,469	23.0	20.6	23.0	21.0	23.6	21.4	22.3	20.9	23.1	21.1
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

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

Total Students in Report: 1,283

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2009	945	412	66	29	23.2	23.4	23.1	23.4	23.9	23.7	22.4	22.6	23.3	23.4
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

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

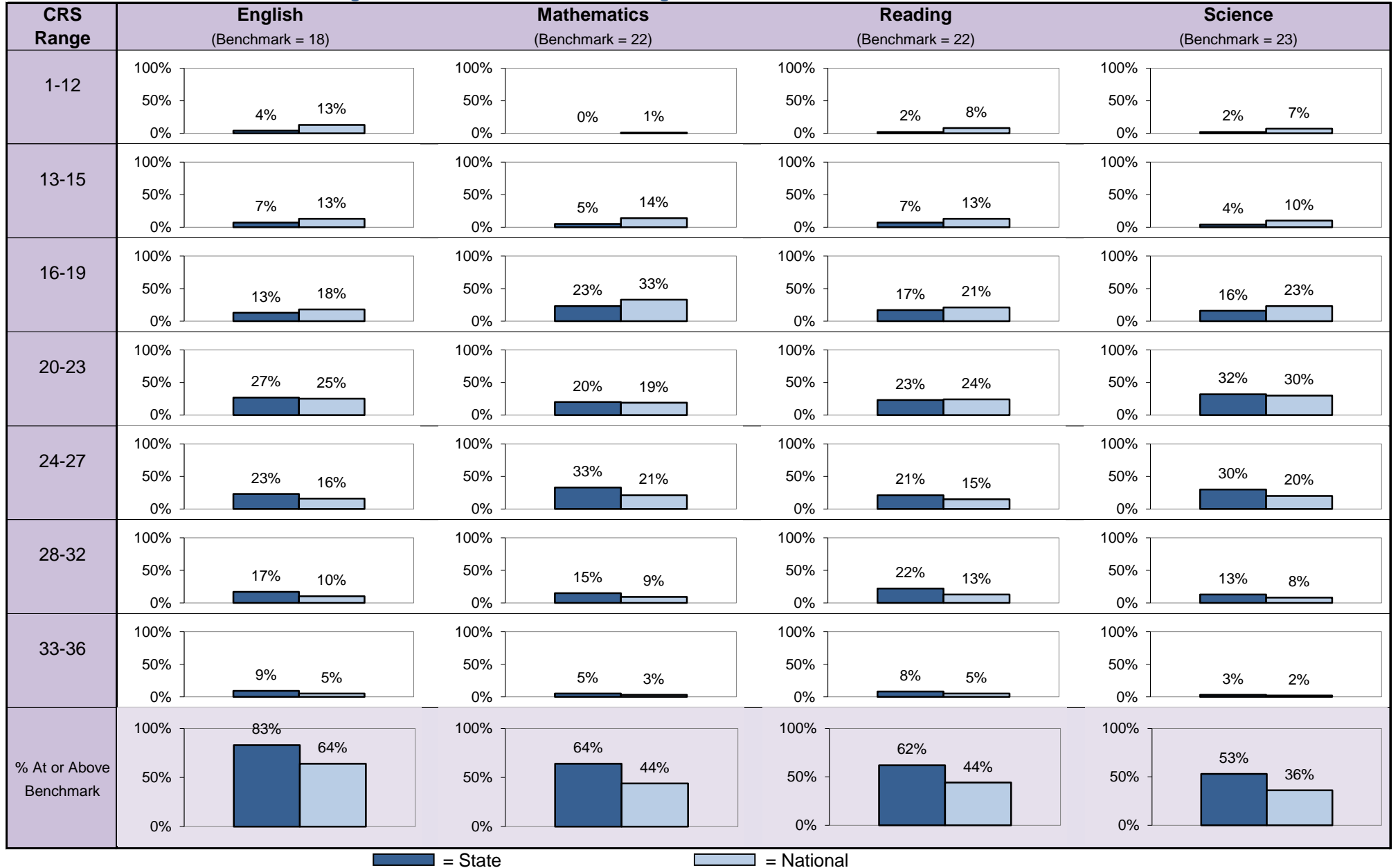
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,438	100	23.1	1,611	100	23.2	1,476	100	23.3	1,470	100	23.4	1,283	100	23.5
Black/African American	24	2	18.4	35	2	18.2	38	3	17.0	22	1	17.8	22	2	20.6
American Indian/Alaska Native	7	0	21.1	8	0	20.4	4	0	18.3	3	0	16.3	3	0	24.3
White	1,208	84	23.4	1,340	83	23.5	1,224	83	23.5	1,224	83	23.6	1,052	82	23.6
Hispanic/Latino	23	2	20.3	23	1	21.2	29	2	23.5	31	2	22.6	30	2	21.0
Asian	30	2	23.6	49	3	23.5	49	3	22.8	56	4	23.1	63	5	23.0
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	1	0	24.0	1	0	23.0
Two or more races	22	2	21.7	10	1	22.6	24	2	22.6	33	2	22.5	20	2	23.1
Prefer not to respond/No response	124	9	22.8	146	9	22.3	108	7	23.6	100	7	23.3	92	7	24.0

Total Students in Report: 1,283

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



Total Students in Report: 1,283

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	1,255	98	23.5	23.4	23.9	22.9	23.6
	Extended Time	28	2	19.2	20.1	21.6	20.9	20.6
	Total	1,283	100	23.4	23.3	23.8	22.9	23.5
National	Standard Time	1,727,041	96	20.4	21.0	21.3	20.9	21.0
	Extended Time	72,202	4	15.9	17.7	18.1	17.9	17.5
	Total	1,799,243	100	20.2	20.9	21.1	20.7	20.9

Table 1.8. Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	83	64	62	53	42
	Extended Time	61	50	50	39	29
	Total	83	64	62	53	41
National	Standard Time	65	45	45	37	27
	Extended Time	35	20	28	20	13
	Total	64	44	44	36	26

Section II

Academic Achievement

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

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

Total Students in Report: 1,283

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	8	100	5	100	11	100	7	100	0	100	36
35	24	99	9	100	11	99	10	99	4	100	35
34	37	98	28	99	39	98	9	99	8	100	34
33	46	95	18	97	46	95	10	98	23	99	33
32	34	91	22	95	53	92	15	97	27	97	32
31	34	88	20	94	81	88	33	96	36	95	31
30	42	86	32	92	50	81	42	93	57	92	30
29	41	82	41	90	46	77	33	90	59	88	29
28	65	79	81	86	51	74	41	88	69	83	28
27	51	74	89	80	60	70	57	84	74	78	27
26	75	70	108	73	59	65	64	80	104	72	26
25	76	64	128	65	55	60	124	75	99	64	25
24	91	58	96	55	96	56	138	65	79	56	24
23	87	51	88	47	65	49	92	55	103	50	23
22	82	45	57	40	71	44	118	47	95	42	22
21	88	38	54	36	79	38	120	38	84	35	21
20	93	31	52	32	79	32	84	29	67	28	20
19	55	24	73	28	60	26	79	22	83	23	19
18	34	20	63	22	63	21	55	16	67	17	18
17	42	17	89	17	38	16	36	12	46	11	17
16	38	14	64	10	51	13	39	9	33	8	16
15	32	11	38	5	42	9	25	6	25	5	15
14	41	8	16	2	31	6	17	4	18	3	14
13	15	5	7	1	17	4	9	3	7	2	13
12	23	4	2	1	11	2	8	2	9	1	12
11	11	2	3	1	8	1	4	1	5	1	11
10	5	1	0	1	4	1	7	1	1	1	10
9	5	1	0	1	5	1	4	1	1	1	9
8	4	1	0	1	0	1	1	1	0	1	8
7	3	1	0	1	0	1	1	1	0	1	7
6	1	1	0	1	1	1	1	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)	23.4 (6.1)		23.3 (5.1)		23.8 (6.1)		22.9 (4.8)		23.5 (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: 1,283

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	76	100	33	100	62	100	63	100	87	100	9	100	18	100	18
17	130	94	18	97	110	95	114	95	94	93	22	99	8	99	17
16	91	84	110	96	100	87	117	86	83	86	39	98	69	98	16
15	80	77	120	87	106	79	116	77	137	79	124	95	138	93	15
14	90	71	151	78	96	71	142	68	117	69	164	85	133	82	14
13	99	64	135	66	109	63	109	57	141	60	177	72	194	71	13
12	118	56	180	56	143	55	84	48	131	49	167	58	217	56	12
11	152	47	136	42	149	43	130	42	135	38	166	45	100	39	11
10	104	35	107	31	94	32	92	32	94	28	144	32	110	32	10
9	111	27	112	23	106	24	65	25	70	21	96	21	137	23	9
8	63	18	76	14	79	16	92	20	90	15	92	14	69	12	8
7	67	13	41	8	62	10	65	12	55	8	33	6	35	7	7
6	39	8	31	5	38	5	44	7	30	4	24	4	30	4	6
5	27	5	17	3	13	2	35	4	10	1	12	2	8	2	5
4	24	3	9	1	11	1	10	1	8	1	8	1	12	1	4
3	8	1	7	1	2	1	3	1	0	1	2	1	2	1	3
2	4	1	0	1	3	1	2	1	1	1	1	1	1	1	2
1	0	1	0	1	0	1	0	1	0	1	3	1	2	1	1
Avg (SD)	12.0 (3.8)		11.9 (3.1)		12.2 (3.5)		12.2 (3.7)		12.5 (3.4)		11.7 (2.8)		11.8 (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	27	29	26	27
Q2 (50th Percentile)	23	24	24	23	23
Q1 (25th Percentile)	20	19	19	20	20

Total Students in Report: 1,283

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	1,283	68	23.6	23.5
	Black/African American	22	77	19.4	28.3
	American Indian/Alaska Native	3	67	25.0	23.0
	White	1,052	68	23.7	23.5
	Hispanic/Latino	30	67	20.6	21.9
	Asian	63	67	23.7	22.0
	Native Hawaiian/Other Pac. Isl.	1	0	.	23.0
	Two or more races	20	85	23.0	23.7
	Prefer not/No Response	92	68	24.7	23.6
National	All Students	1,799,243	74	21.7	18.7
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	23.4	23.3	23.8	22.9	23.5
	Black/African American	20.1	20.9	21.1	20.4	20.6
	American Indian/Alaska Native	23.7	23.3	24.7	26.7	24.3
	White	23.7	23.2	24.0	23.0	23.6
	Hispanic/Latino	21.0	21.5	21.4	20.0	21.0
	Asian	20.9	26.4	21.3	22.7	23.0
	Native Hawaiian/Other Pac. Isl.	21.0	22.0	26.0	22.0	23.0
	Two or more races	23.0	22.8	23.8	22.4	23.1
	Prefer not/No Response	23.6	23.7	24.6	23.4	24.0
National	All Students	20.2	20.9	21.1	20.7	20.9
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7

Total Students in Report: 1,283

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	115	9	60	5	107	8	36	3
	28 to 32	216	17	196	15	281	22	164	13
	24 to 27	293	23	421	33	270	21	383	30
	20 to 23	350	27	251	20	294	23	414	32
	16 to 19	169	13	289	23	212	17	209	16
	13 to 15	88	7	61	5	90	7	51	4
	01 to 12	52	4	5	0	29	2	26	2
National	33 to 36	81,846	5	51,648	3	89,731	5	36,033	2
	28 to 32	175,672	10	156,561	9	239,643	13	138,865	8
	24 to 27	291,095	16	385,102	21	277,723	15	364,600	20
	20 to 23	447,398	25	343,822	19	424,936	24	542,531	30
	16 to 19	327,718	18	590,816	33	384,706	21	413,107	23
	13 to 15	242,064	13	258,384	14	240,069	13	183,840	10
	01 to 12	233,450	13	12,910	1	142,435	8	120,267	7

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	538	42	22.7	24.1	23.2	23.3	23.5
	Females	745	58	23.9	22.8	24.2	22.6	23.5
	Missing	0	0
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

Table 2.8. Percent of Students Who Met College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	79	70	58	58	44
	Females	86	59	65	49	39
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 1,283

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	873	85	23.6	64	23.3	63	24.0	53	22.9	42	23.6
	Less than Core	389	79	23.2	65	23.6	60	23.6	53	23.0	41	23.5
	Missing ³	21	57	19.2	43	19.9	29	20.2	43	19.9	29	20.0
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	10	17.4

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

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

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

⁴ Composite CRB% results reflect students who met all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	1,239	84	23.6	1,241	65	23.5	913	63	23.9	1,231	54	23.0
	Less than Core	23	48	17.9	21	29	18.9	349	62	23.9	31	19	19.4
	Missing ³	21	57	19.2	21	43	19.9	21	29	20.2	21	43	19.9
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

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

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

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

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

Figure 3.1. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

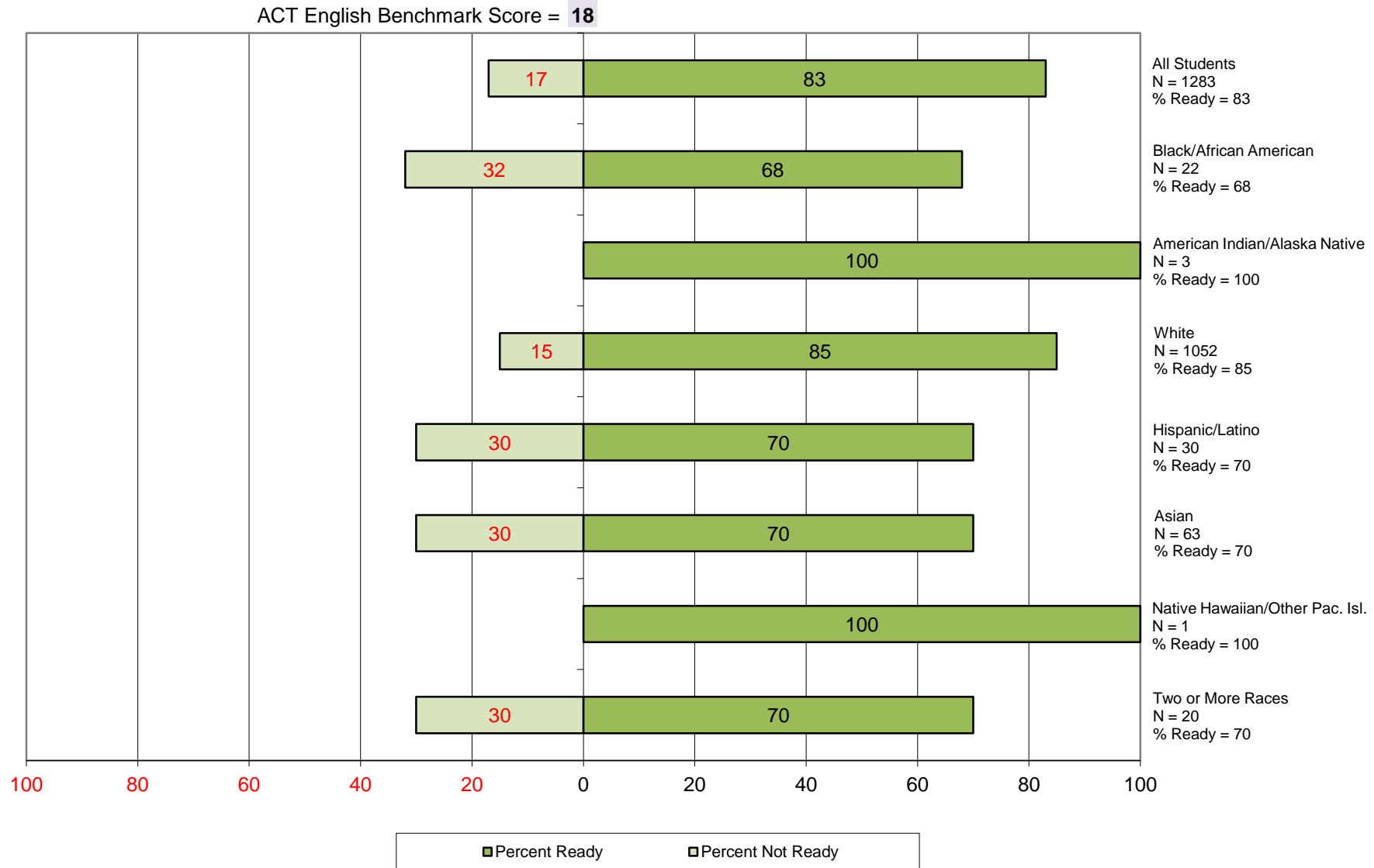


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

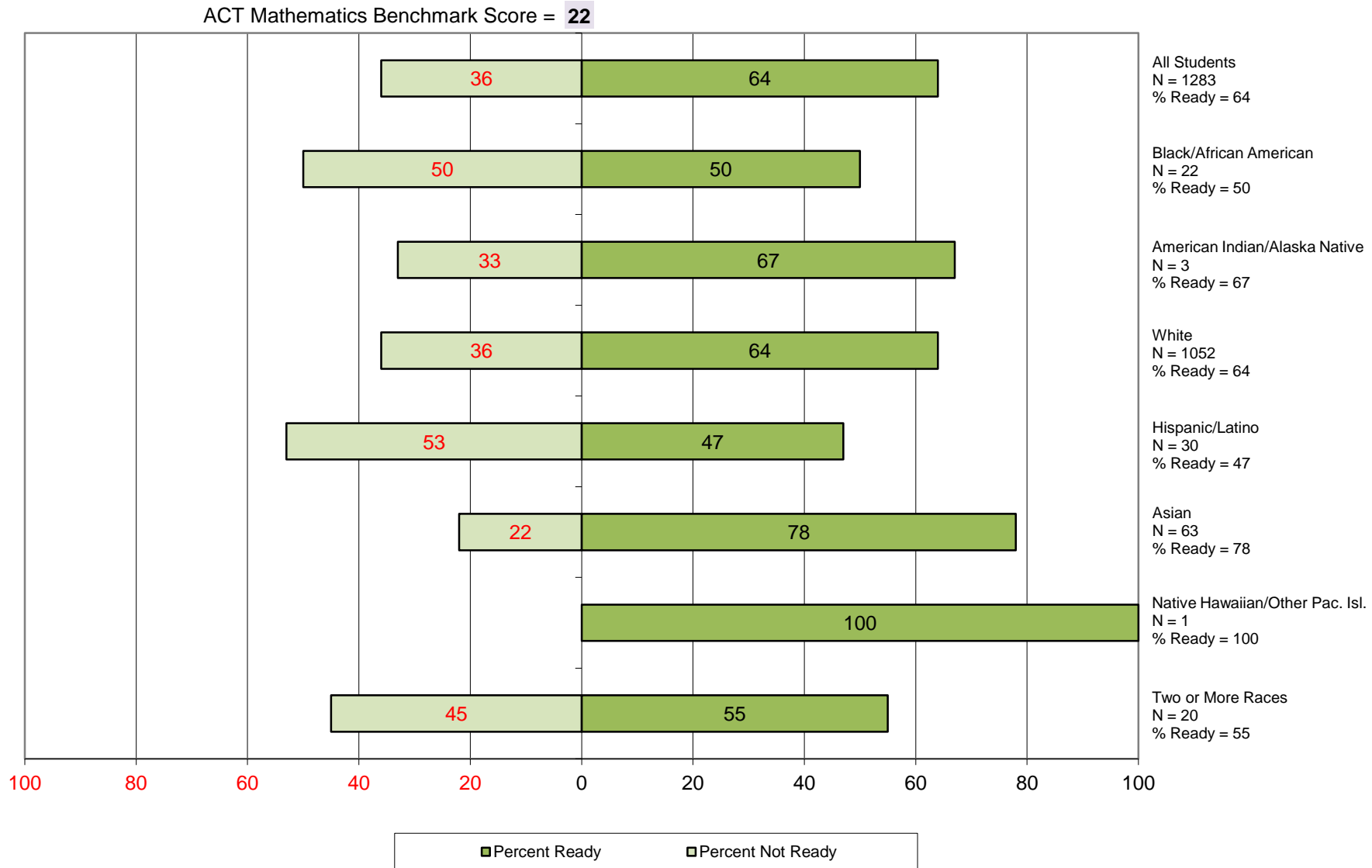


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

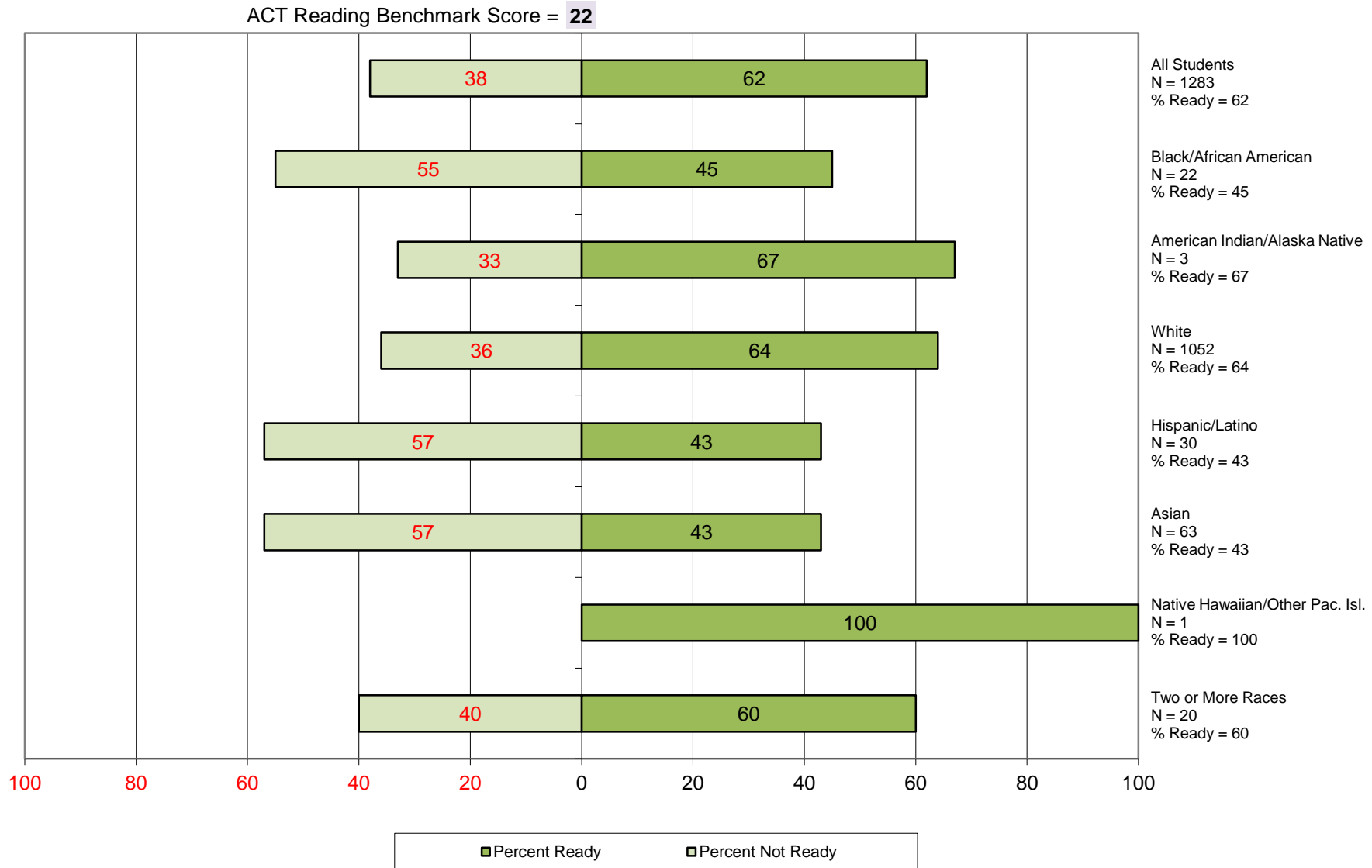


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

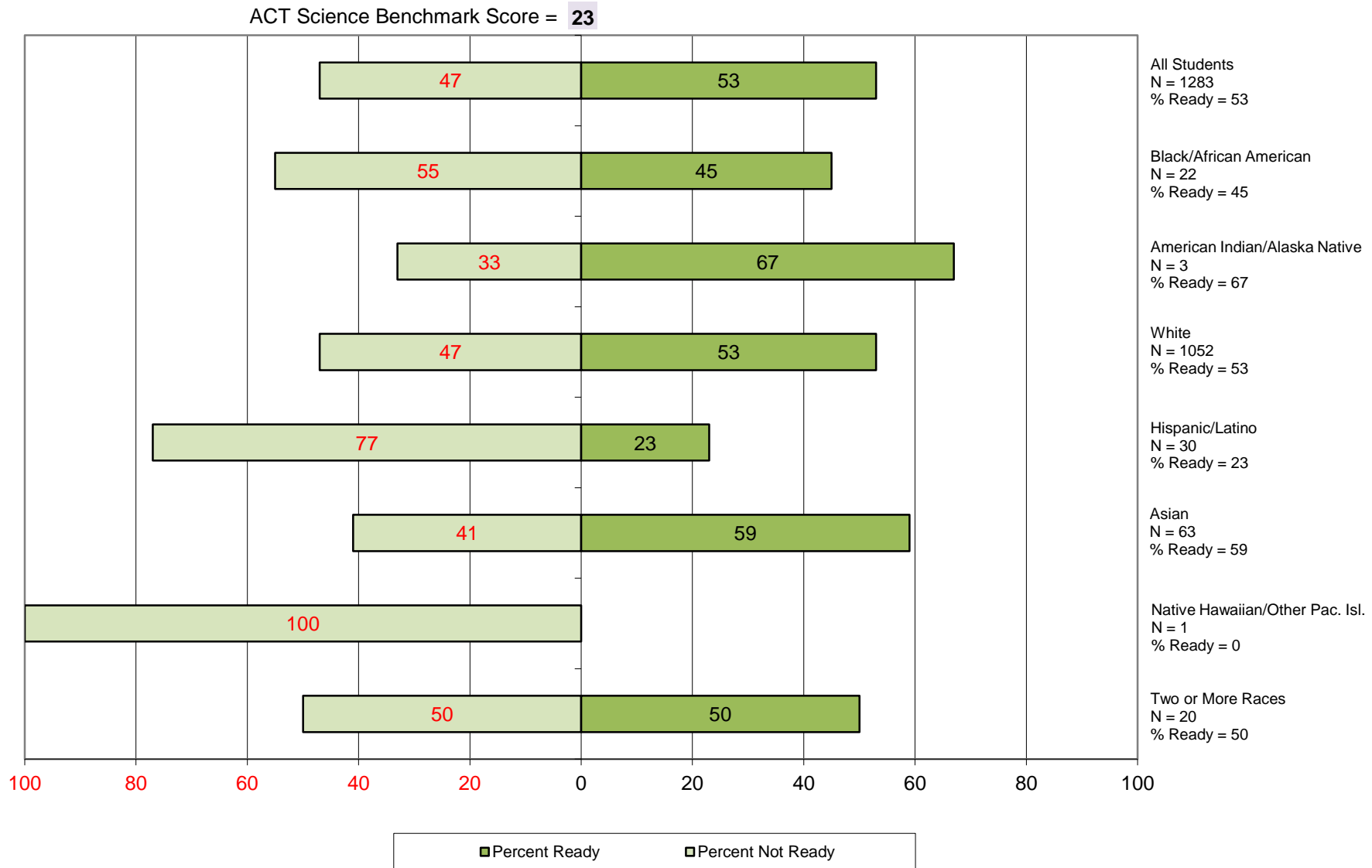
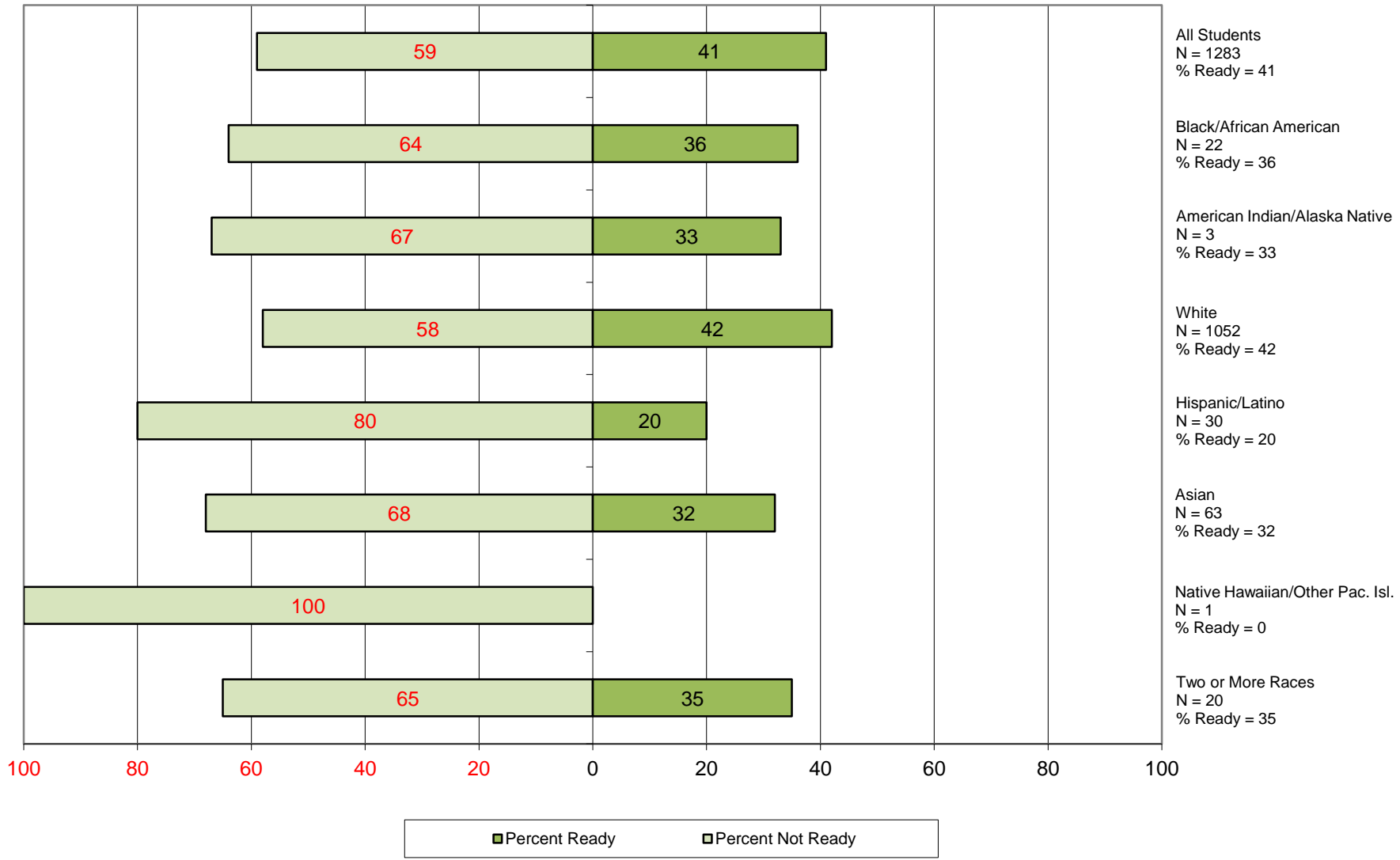


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 1,283

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	327	25	24.1	6.2	127	24	22.9	4.4	200	27	24.9	7.4
Eng 9, Eng 10, Eng 11, Eng 12	912	71	23.4	5.5	386	72	22.9	4.4	526	71	23.7	6.2
Less than 4 years of English	23	2	17.9	-	10	2	18.5	-	13	2	17.5	-
Zero years / no English courses reported	21	2	19.2	-	15	3	18.0	-	6	1	22.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	108	8	25.5	6.6	42	8	25.7	4.7	66	9	25.3	7.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	105	8	22.9	4.0	24	4	24.8	3.8	81	11	22.3	4.7
Alg 1, Alg 2, Geom, & Trig	58	5	20.5	1.6	20	4	18.9	-2.1	38	5	21.3	3.7
Alg 1, Alg 2, Geom, & Other Adv Math	242	19	21.0	2.1	77	14	21.4	0.4	165	22	20.9	3.3
Other comb of 4 or more years of Math	570	44	25.5	6.6	291	54	26.1	5.1	279	37	24.9	7.3
Alg 1, Alg 2, & Geom	86	7	17.6	-1.3	29	5	18.0	-3.0	57	8	17.4	-0.2
Other comb of 3 or 3.5 years of Math	72	6	22.8	3.9	32	6	22.3	1.3	40	5	23.3	5.7
Less than 3 years of Math	21	2	18.9	-	8	1	21.0	-	13	2	17.6	-
Zero years / no Math courses reported	21	2	19.9	-	15	3	19.5	-	6	1	20.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	70	5	24.9	1.0	38	7	23.8	0.4	32	4	26.1	1.8
Other comb of 4 or more years Social Science	424	33	23.7	-0.2	194	36	23.2	-0.2	230	31	24.1	-0.2
US Hist, World Hist, & Am Gov	65	5	24.8	0.9	27	5	22.5	-0.9	38	5	26.4	2.1
Other comb of 3 or 3.5 years of Social Science	354	28	23.7	-0.2	126	23	23.5	0.1	228	31	23.8	-0.5
Less than 3 years of Social Science	349	27	23.9	-	138	26	23.4	-	211	28	24.3	-
Zero years / no Social Science courses reported	21	2	20.2	-	15	3	19.5	-	6	1	21.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	833	65	23.4	4.0	391	73	23.7	4.4	442	59	23.1	3.6
Bio, Chem, Phys	106	8	24.5	5.1	45	8	24.6	5.3	61	8	24.5	5.0
Gen Sci ² , Bio, Chem	280	22	21.5	2.1	66	12	21.7	2.4	214	29	21.5	2.0
Other comb of 3 years of Natural Science	12	1	20.9	1.5	6	1	24.2	4.9	6	1	17.7	-1.8
Less than 3 years of Natural Science	31	2	19.4	-	15	3	19.3	-	16	2	19.5	-
Zero years / no Natural Science courses reported	21	2	19.9	-	15	3	19.3	-	6	1	21.2	-

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: 1,283

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	327	25	24.1	89	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	912	71	23.4	82	1,265,911	70	20.3	65
Less than 4 years of English	23	2	17.9	48	84,048	5	15.9	36
Zero years / no English courses reported	21	2	19.2	57	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	108	8	25.5	81	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	105	8	22.9	62	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	58	5	20.5	43	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	242	19	21.0	50	336,291	19	19.6	32
Other comb of 4 or more years of Math	570	44	25.5	81	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	86	7	17.6	10	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	72	6	22.8	57	88,866	5	19.7	34
Less than 3 years of Math	21	2	18.9	29	77,906	4	16.3	7
Zero years / no Math courses reported	21	2	19.9	43	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	70	5	24.9	64	50,989	3	22.2	51
Other comb of 4 or more years Social Science	424	33	23.7	61	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	65	5	24.8	66	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	354	28	23.7	63	489,586	27	21.0	43
Less than 3 years of Social Science	349	27	23.9	62	171,617	10	19.1	32
Zero years / no Social Science courses reported	21	2	20.2	29	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	833	65	23.4	58	767,293	43	21.9	46
Bio, Chem, Phys	106	8	24.5	65	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	280	22	21.5	36	504,165	28	19.9	28
Other comb of 3 years of Natural Science	12	1	20.9	42	51,822	3	19.1	25
Less than 3 years of Natural Science	31	2	19.4	19	218,267	12	18.0	17
Zero years / no Natural Science courses reported	21	2	19.9	43	74,011	4	17.8	18

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

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

Total Students in Report: 1,283

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	22.4	0	0	.	14	1	22.4
Architecture	16	1	21.5	1	6	19.0	12	1	22.8
Area, Ethnic, & Multidisciplinary Studies	5	0	28.6	0	0	.	5	0	28.6
Arts: Visual & Performing	70	5	23.3	1	6	19.0	63	6	23.6
Business	118	9	22.1	3	18	19.0	90	9	22.3
Communications	30	2	22.1	0	0	.	26	2	21.6
Community, Family, & Personal Services	16	1	20.3	2	12	22.5	13	1	20.2
Computer Science & Mathematics	21	2	25.8	1	6	21.0	19	2	25.8
Education	49	4	21.4	1	6	17.0	42	4	21.4
Engineering	134	10	25.1	0	0	.	117	11	25.2
Engineering Technology & Drafting	8	1	21.3	0	0	.	7	1	21.0
English & Foreign Languages	40	3	24.7	0	0	.	35	3	24.5
Health Administration & Assisting	16	1	20.9	0	0	.	12	1	20.4
Health Sciences & Technologies	202	16	22.4	2	12	17.0	184	18	22.5
Philosophy, Religion, & Theology	8	1	23.5	3	18	18.3	4	0	28.3
Repair, Production, & Construction	2	0	16.0	1	6	13.0	1	0	19.0
Sciences: Biological & Physical	167	13	25.8	0	0	.	143	14	25.7
Social Sciences & Law	100	8	24.3	0	0	.	86	8	24.2
Undecided	249	19	23.3	2	12	17.0	172	16	23.5
No Response	18	1	21.3	0	0	.	4	0	26.3

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: 1,283

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	18.3	1	12.0	0	.	8	19.1	0	.
2-yr College Degree	8	18.6	0	.	0	.	8	18.6	0	.
Bachelors Degree	445	21.4	5	16.2	1	29.0	391	21.5	7	18.7
Graduate Study	293	24.9	4	26.0	0	.	250	24.9	6	24.2
Prof. Level Degree	311	25.7	6	24.3	2	22.0	247	25.7	8	21.9
Other	10	22.7	1	31.0	0	.	7	22.0	1	20.0
No Response	207	23.2	5	16.0	0	.	141	24.1	8	20.0

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	9	18.3	0	.	0	.	0	.	0	.
2-yr College Degree	8	18.6	0	.	0	.	0	.	0	.
Bachelors Degree	445	21.4	13	21.6	1	23.0	9	22.0	18	20.6
Graduate Study	293	24.9	18	24.2	0	.	3	28.7	12	25.5
Prof. Level Degree	311	25.7	15	24.1	0	.	4	25.3	29	27.4
Other	10	22.7	1	22.0	0	.	0	.	0	.
No Response	207	23.2	16	21.8	0	.	4	19.3	33	22.2

Total Students in Report: 1,283

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	141	44	97	1	5	27	27	28	12	1
UNIVERSITY OF SOUTHERN MAINE	Maine	54	7	47	2	17	37	28	15	2	0
UNIVERSITY OF NEW ENGLAND	Maine	46	7	39	0	4	30	46	11	9	0
NORTHEASTERN UNIVERSITY	Massachusetts	41	3	38	0	0	5	24	39	32	0
BOSTON COLLEGE	Massachusetts	31	12	19	0	0	10	13	42	32	3
HUSSON UNIVERSITY	Maine	29	10	19	0	10	45	38	3	3	0
UNIVERSITY OF VERMONT	Vermont	25	4	21	0	0	20	28	36	12	4
TUFTS UNIVERSITY	Massachusetts	24	10	14	0	0	4	17	33	42	4
BOSTON UNIVERSITY	Massachusetts	23	6	17	0	0	4	17	48	30	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	21	3	18	0	0	24	24	38	14	0
BOWDOIN COLLEGE	Maine	18	5	13	0	0	6	22	33	33	6
MAINE MARITIME ACADEMY	Maine	18	7	11	0	6	22	50	22	0	0
COLBY COLLEGE	Maine	17	4	13	0	0	0	24	47	24	6
LIBERTY UNIVERSITY	Virginia	16	8	8	0	0	31	25	25	6	13
NCAA ELIGIBILITY CENTER	Indiana	16	10	6	0	6	19	44	19	13	0
SAINT JOSEPH'S COLLEGE	Maine	16	4	12	0	0	56	38	0	6	0
BOB JONES UNIVERSITY	South Carolina	15	13	2	0	0	20	27	33	13	7
DARTMOUTH COLLEGE	New Hampshire	15	6	9	0	0	0	7	27	47	20
UNITED STATES NAVAL ACADEMY	Maryland	14	11	3	0	0	7	29	21	36	7
UNIVERSITY OF MAINE AT FARMINGTON	Maine	14	3	11	0	36	36	0	21	7	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	13	3	10	8	8	8	38	23	15	0
WORCESTER POLYTECHNIC INST	Massachusetts	13	4	9	0	0	8	15	38	31	8
BROWN UNIVERSITY	Rhode Island	12	3	9	0	0	0	0	58	25	17
NEW YORK UNIVERSITY	New York	12	6	6	0	0	0	42	33	25	0
ENDICOTT COLLEGE	Massachusetts	11	5	6	0	0	36	27	36	0	0
QUINNIPIAC UNIVERSITY	Connecticut	10	1	9	0	0	20	50	10	20	0
ROCHESTER INST OF TECHNOLOGY	New York	10	3	7	0	0	0	0	40	60	0
UNIVERSITY OF CONNECTICUT	Connecticut	10	4	6	0	0	20	50	10	20	0
CEDARVILLE UNIVERSITY	Ohio	9	3	6	0	0	22	33	33	0	11
HARVARD COLLEGE	Massachusetts	9	3	6	0	0	0	11	22	56	11
All Other Institutions		872	263	609	1	4	16	27	28	22	3
Total		1,575	475	1,100	1	4	18	27	28	20	3

Section V

Optional Writing Test Results

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

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

Total Students in Report: 1,283

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	1,084	942,769	23.8	21.3	7.7	7.0	23.0	20.5
Black/African American	19	114,751	21.4	16.3	6.8	6.1	20.5	16.0
American Indian/Alaska Native	3	6,031	23.7	16.8	8.7	6.1	23.7	16.4
White	876	518,407	24.2	22.9	7.7	7.2	23.3	21.9
Hispanic/Latino	26	151,504	21.3	18.6	7.1	6.8	20.6	18.3
Asian	61	54,580	20.9	23.5	7.6	7.6	20.9	22.7
Native Hawaiian/Other Pac. Isl.	1	2,812	21.0	19.5	8.0	6.9	21.0	19.2
Two or more races	16	35,355	23.0	21.5	7.3	7.0	21.9	20.6
Prefer not/No Response	82	59,329	24.0	21.8	7.5	7.1	23.1	20.9
Males	449	423,104	23.2	21.0	7.4	6.7	22.4	20.1
Females	635	513,945	24.3	21.6	7.8	7.2	23.5	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5

