

ACT Profile Report - State

Graduating Class 2013
District of Columbia



ACT, INC. -- CONFIDENTIAL



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

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

29% 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: 1,647 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. 76% 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 0% of the cohort took less than three years of math courses. Of these students, 0% were college ready. 4% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 13% of these students were college ready. In comparison, 42% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 4% of the cohort took less than three years of natural science courses. 15% of these students were college ready. In comparison, 34% 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 56% 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.

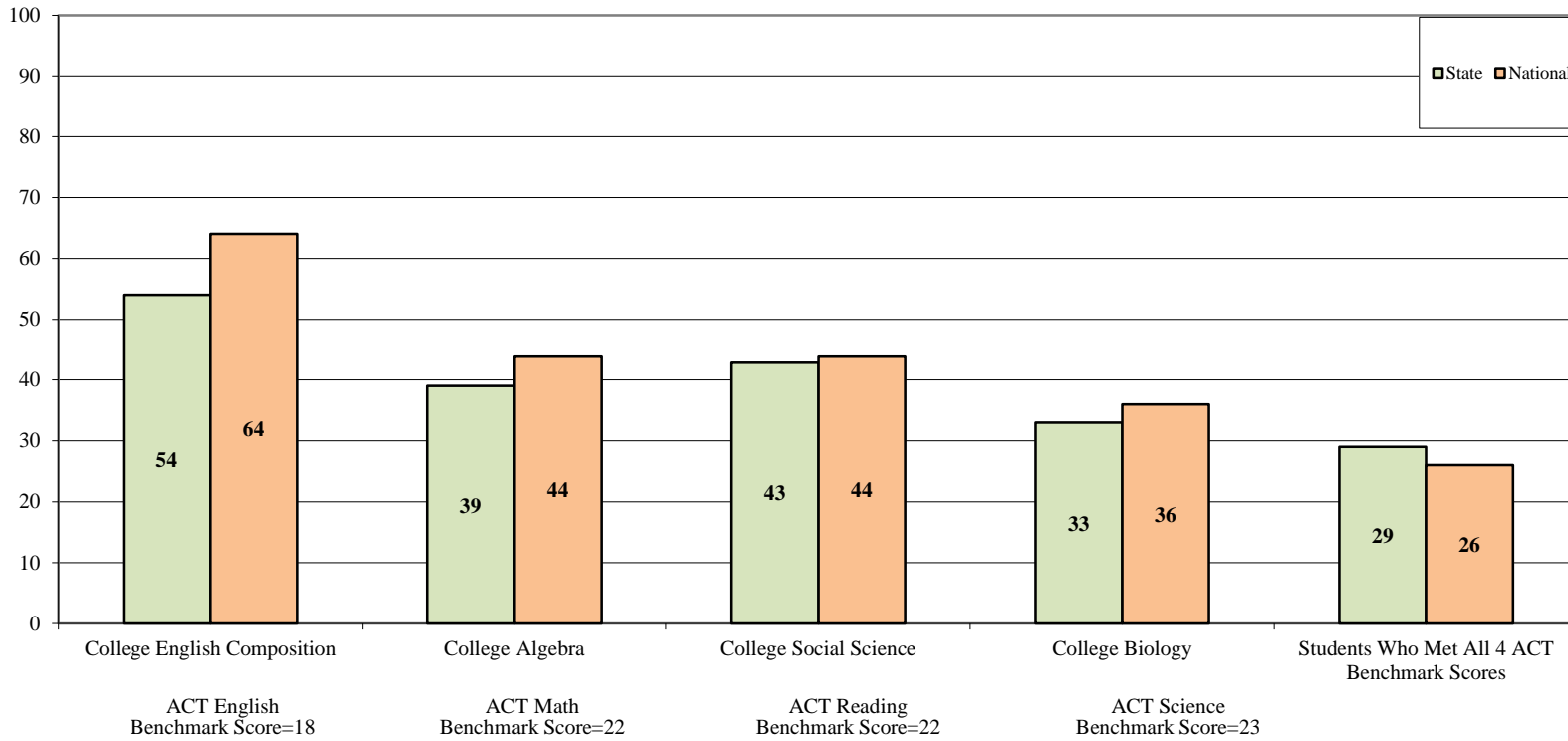
Section I

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: 1,647

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	1,548	1,480,469	50	67	33	42	40	53	22	28	21	23
2010	1,523	1,568,835	53	66	35	43	42	52	25	29	24	24
2011	1,480	1,623,112	53	66	38	45	45	52	26	30	25	25
2012	1,549	1,666,017	51	67	37	46	42	52	26	31	24	25
2013	1,647	1,799,243	54	64	39	44	43	44	33	36	29	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	1,548	1,480,469	19.1	20.6	19.5	21.0	19.7	21.4	18.6	20.9	19.4	21.1
2010	1,523	1,568,835	19.5	20.5	19.9	21.0	20.2	21.3	19.2	20.9	19.8	21.0
2011	1,480	1,623,112	19.7	20.6	20.2	21.1	20.4	21.3	19.4	20.9	20.0	21.1
2012	1,549	1,666,017	19.0	20.5	20.0	21.1	20.0	21.3	19.2	20.9	19.7	21.1
2013	1,647	1,799,243	19.8	20.2	20.5	20.9	21.0	21.1	19.7	20.7	20.4	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: 1,647

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	1,144	310	74	20	19.6	19.0	19.8	19.6	20.1	19.7	18.8	18.9	19.7	19.4
2010	1,162	280	76	18	19.8	19.9	20.1	20.2	20.4	20.8	19.4	19.4	20.1	20.2
2011	1,200	237	81	16	19.5	21.3	20.1	21.2	20.4	21.6	19.3	20.4	19.9	21.3
2012	1,256	262	81	17	19.0	19.5	20.0	20.6	19.9	20.3	19.2	19.4	19.6	20.1
2013	1,256	244	76	15	20.0	20.4	20.6	21.0	21.1	21.3	19.7	20.1	20.5	20.8

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,548	100	19.4	1,523	100	19.8	1,480	100	20.0	1,549	100	19.7	1,647	100	20.4
Black/African American	895	58	15.7	869	57	16.0	820	55	16.1	875	56	16.2	831	50	16.4
American Indian/Alaska Native	5	0	16.6	6	0	15.7	12	1	15.1	7	0	14.1	5	0	15.8
White	381	25	26.2	375	25	27.2	380	26	27.1	368	24	26.7	406	25	27.6
Hispanic/Latino	73	5	19.5	77	5	20.6	109	7	20.6	107	7	19.7	119	7	19.6
Asian	25	2	24.3	36	2	25.0	27	2	24.9	25	2	24.4	39	2	25.4
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	1	0	29.0	2	0	21.0	1	0	13.0
Two or more races	50	3	20.4	45	3	21.2	40	3	21.9	65	4	21.5	52	3	22.3
Prefer not to respond/No response	119	8	23.6	115	8	22.0	91	6	23.3	100	6	21.8	194	12	21.6

Total Students in Report: 1,647

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



Total Students in Report: 1,647

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	1,467	89	19.7	20.5	20.8	19.5	20.2
	Extended Time	180	11	20.9	20.8	22.7	21.3	21.6
	Total	1,647	100	19.8	20.5	21.0	19.7	20.4
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	53	39	41	32	28
	Extended Time	61	41	53	43	36
	Total	54	39	43	33	29
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: 1,647

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	14	100	8	100	49	100	19	100	4	100	36
35	50	99	18	100	14	97	18	99	17	100	35
34	48	96	39	98	62	96	15	98	28	99	34
33	46	93	30	96	45	92	9	97	41	97	33
32	37	90	27	94	58	90	31	96	40	95	32
31	52	88	21	93	70	86	28	94	40	92	31
30	44	85	37	91	50	82	37	93	48	90	30
29	37	82	32	89	41	79	31	90	59	87	29
28	46	80	66	87	38	76	41	89	56	83	28
27	34	77	57	83	31	74	45	86	68	80	27
26	51	75	69	80	31	72	45	83	51	76	26
25	54	72	70	75	37	70	80	81	51	73	25
24	53	69	77	71	79	68	77	76	58	69	24
23	49	66	49	67	42	63	65	71	44	66	23
22	43	63	49	64	55	61	74	67	54	63	22
21	53	60	51	61	67	57	97	63	57	60	21
20	76	57	38	57	62	53	68	57	60	57	20
19	47	52	57	55	78	50	90	53	65	53	19
18	55	49	85	52	77	45	121	47	96	49	18
17	50	46	141	47	53	40	67	40	88	43	17
16	83	43	193	38	78	37	93	36	95	38	16
15	95	38	209	26	109	32	87	30	113	32	15
14	83	32	119	14	82	26	94	25	128	25	14
13	84	27	60	6	105	21	79	19	119	17	13
12	52	22	22	3	94	14	58	14	85	10	12
11	75	19	18	1	68	9	70	11	44	5	11
10	78	14	4	1	31	4	40	7	24	2	10
9	70	10	0	1	15	2	29	4	9	1	9
8	40	5	0	1	9	2	18	2	3	1	8
7	21	3	0	1	9	1	6	1	2	1	7
6	20	2	1	1	2	1	8	1	0	1	6
5	4	1	0	1	3	1	4	1	0	1	5
4	2	1	0	1	3	1	2	1	0	1	4
3	1	1	0	1	0	1	1	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)	19.8 (8.3)		20.5 (6.3)		21.0 (7.8)		19.7 (6.7)		20.4 (6.9)		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: 1,647

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	106	100	75	100	110	100	108	100	96	100	17	100	38	100	18
17	114	94	32	95	120	93	113	93	84	94	34	99	7	98	17
16	97	87	150	94	101	86	121	87	91	89	61	97	110	97	16
15	68	81	98	84	77	80	112	79	104	84	105	93	88	91	15
14	70	77	89	78	58	75	89	72	78	77	122	87	95	85	14
13	79	72	74	73	75	72	72	67	106	72	133	79	93	79	13
12	70	68	109	69	115	67	77	63	77	66	120	71	173	74	12
11	85	63	89	62	99	60	108	58	136	61	144	64	104	63	11
10	103	58	106	57	90	54	112	51	100	53	183	55	103	57	10
9	120	52	125	50	144	49	103	45	83	47	157	44	195	51	9
8	106	45	160	43	148	40	110	38	154	42	192	35	180	39	8
7	132	38	135	33	199	31	125	32	239	33	142	23	142	28	7
6	107	30	107	25	128	19	133	24	145	18	103	14	125	19	6
5	136	24	113	18	82	11	151	16	81	9	54	8	54	12	5
4	118	15	102	11	39	6	73	7	47	4	35	5	81	9	4
3	83	8	56	5	24	4	27	2	20	2	23	3	14	4	3
2	47	3	24	2	24	2	11	1	6	1	4	1	31	3	2
1	6	1	3	1	14	1	2	1	0	1	18	1	14	1	1
Avg (SD)	9.9 (4.8)		10.0 (4.4)		10.5 (4.4)		10.6 (4.5)		10.5 (4.2)		10.2 (3.5)		9.9 (3.8)		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)	26	25	28	24	26
Q2 (50th Percentile)	19	18	20	19	19
Q1 (25th Percentile)	13	15	14	15	14

Total Students in Report: 1,647

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	1,647	76	20.5	20.8
	Black/African American	831	82	16.5	16.2
	American Indian/Alaska Native	5	60	12.3	21.0
	White	406	80	27.6	27.6
	Hispanic/Latino	119	85	19.5	19.3
	Asian	39	69	25.4	27.1
	Native Hawaiian/Other Pac. Isl.	1	100	13.0	.
	Two or more races	52	87	22.4	22.0
	Prefer not/No Response	194	40	24.3	22.3
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	19.8	20.5	21.0	19.7	20.4
	Black/African American	15.2	17.1	16.7	16.1	16.4
	American Indian/Alaska Native	14.2	16.6	16.0	15.4	15.8
	White	28.4	26.7	28.7	26.0	27.6
	Hispanic/Latino	18.6	19.7	20.3	19.4	19.6
	Asian	25.7	25.7	25.9	23.4	25.4
	Native Hawaiian/Other Pac. Isl.	12.0	15.0	18.0	8.0	13.0
	Two or more races	22.3	22.6	23.1	21.1	22.3
	Prefer not/No Response	21.0	21.1	22.3	21.3	21.6
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: 1,647

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	158	10	95	6	170	10	61	4
	28 to 32	216	13	183	11	257	16	168	10
	24 to 27	192	12	273	17	178	11	247	15
	20 to 23	221	13	187	11	226	14	304	18
	16 to 19	235	14	476	29	286	17	371	23
	13 to 15	262	16	388	24	296	18	260	16
	01 to 12	363	22	45	3	234	14	236	14
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	783	48	20.9	21.7	21.9	21.0	21.5
	Females	864	52	18.9	19.4	20.1	18.5	19.4
	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	59	49	49	42	37
	Females	49	31	37	25	21
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

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	1,256	54	20.0	41	20.6	43	21.1	33	19.7	29	20.5
	Less than Core	244	58	20.4	40	21.0	43	21.3	34	20.1	31	20.8
	Missing ³	147	45	17.9	27	18.8	35	19.8	29	19.1	22	19.0
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	1,469	55	20.1	1,494	41	20.7	1,327	42	20.9	1,442	34	19.9
	Less than Core	33	45	17.5	8	0	17.5	174	52	23.0	59	15	16.1
	Missing ³	145	45	17.9	145	28	18.8	146	36	19.9	146	29	19.1
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

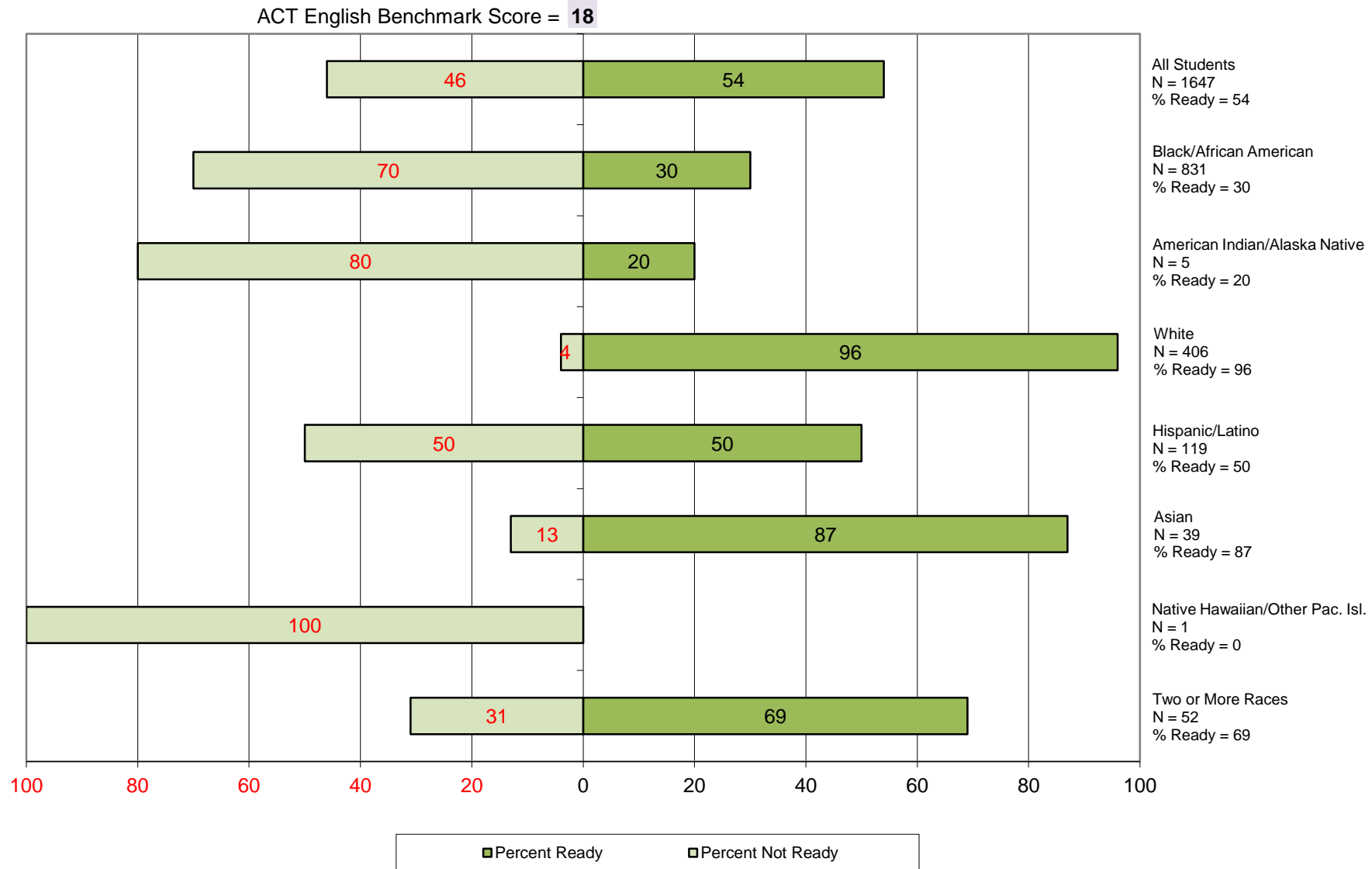


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

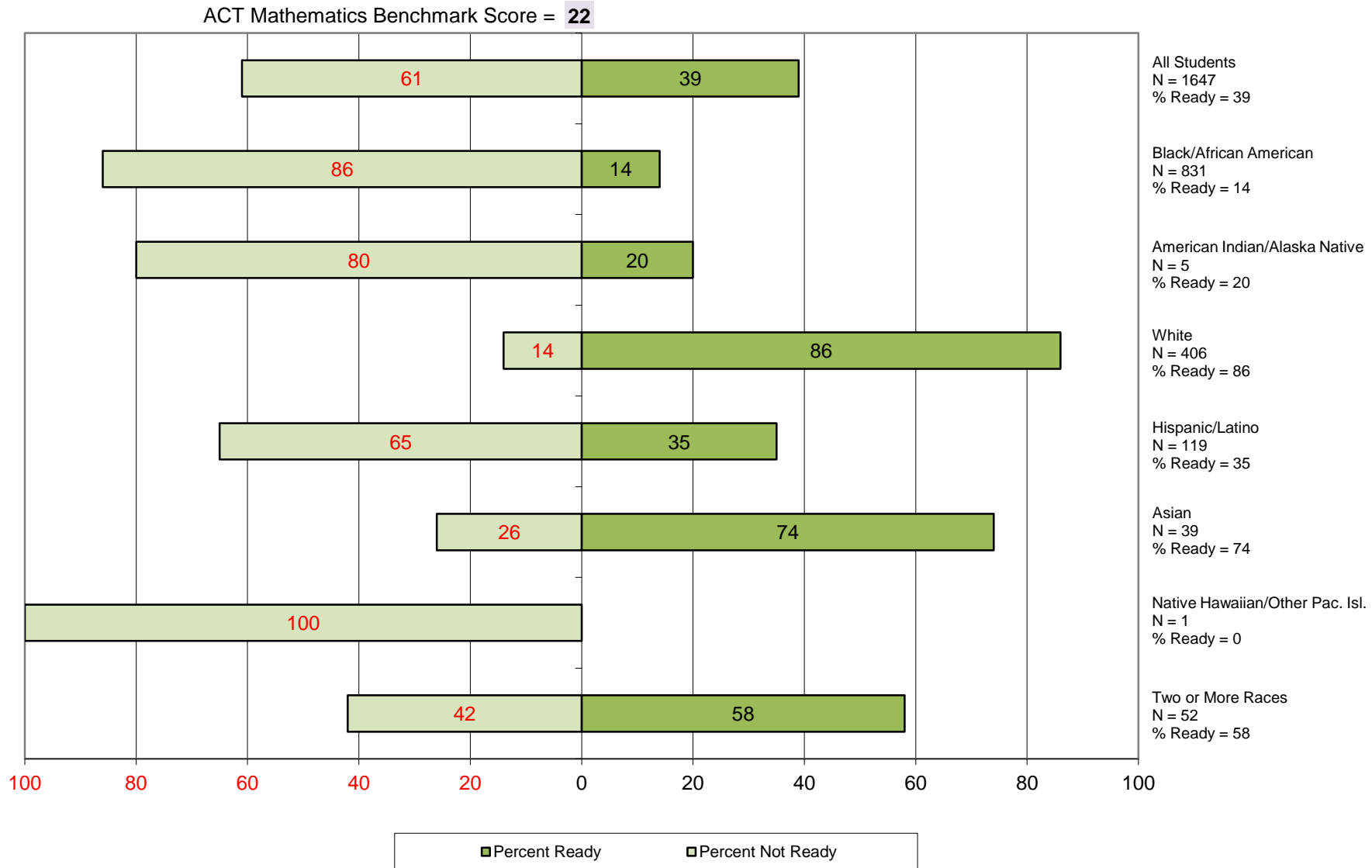


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

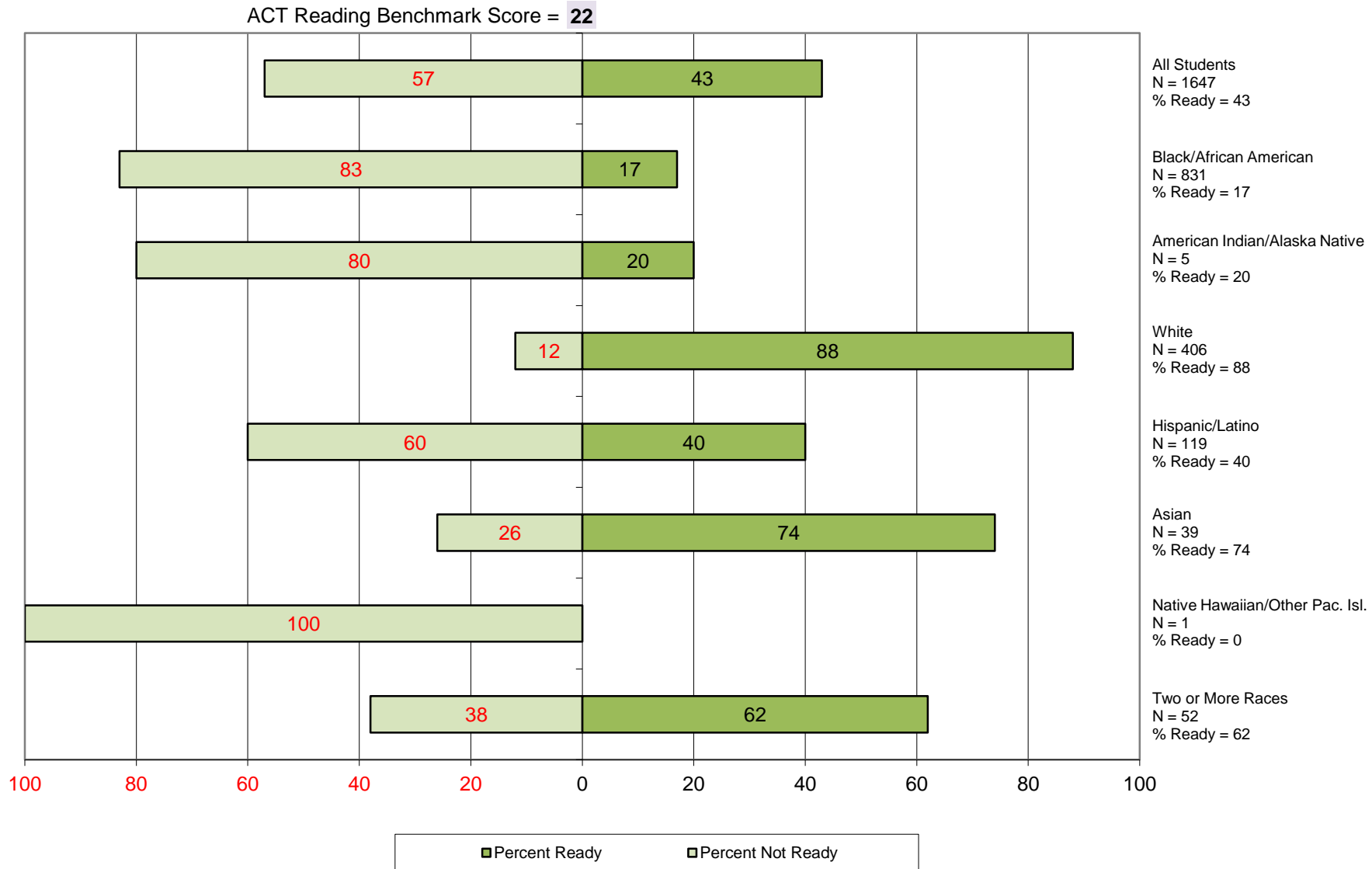


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

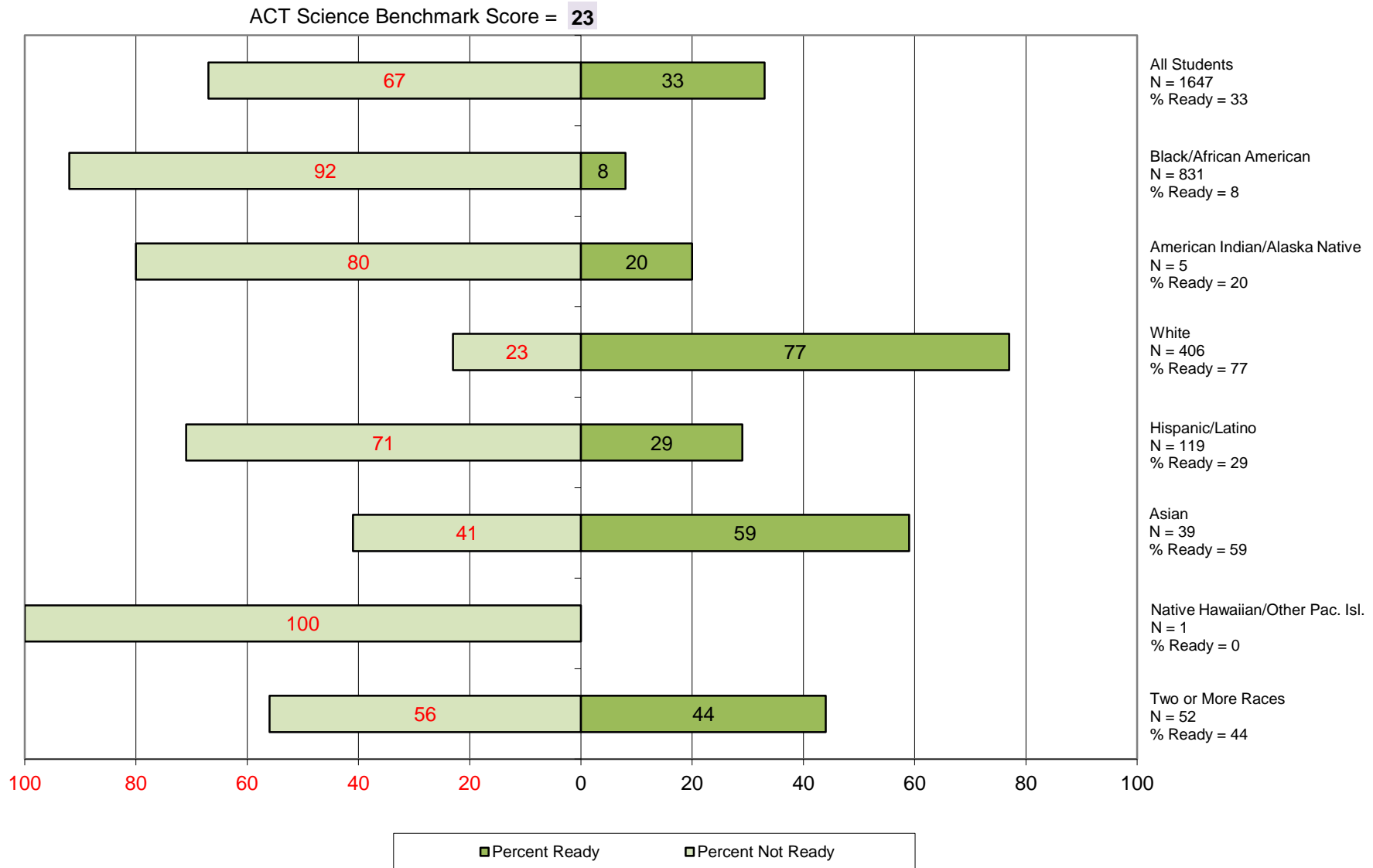
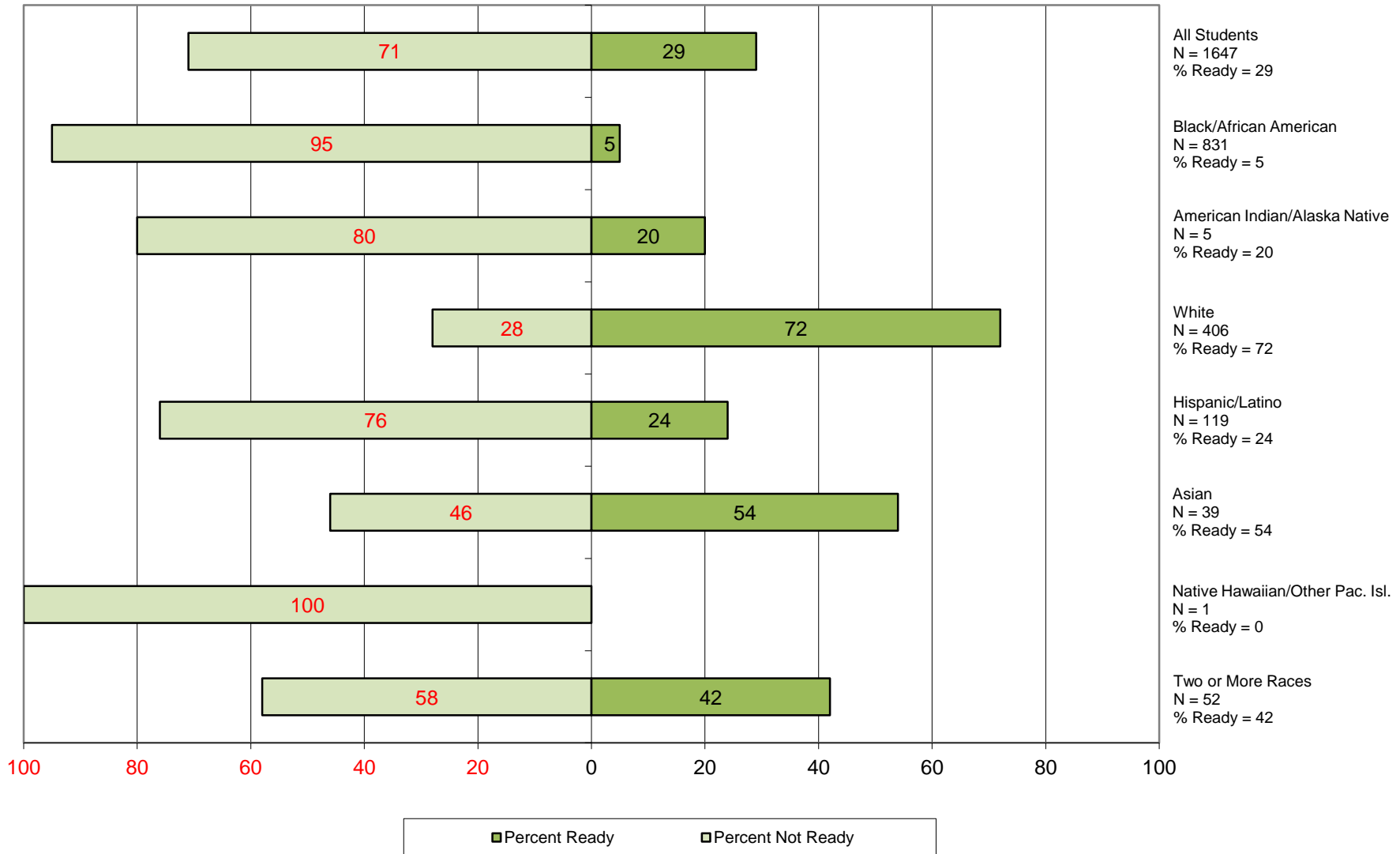


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 1,647

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	370	22	20.0	2.5	180	23	21.5	2.8	190	22	18.6	2.3
Eng 9, Eng 10, Eng 11, Eng 12	1,099	67	20.1	2.6	511	65	21.0	2.3	588	68	19.3	3.0
Less than 4 years of English	33	2	17.5	-	17	2	18.7	-	16	2	16.3	-
Zero years / no English courses reported	145	9	17.9	-	75	10	19.2	-	70	8	16.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	187	11	21.6	4.1	80	10	23.6	6.3	107	12	20.1	2.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	185	11	19.7	2.2	67	9	22.3	5.0	118	14	18.2	0.4
Alg 1, Alg 2, Geom, & Trig	145	9	17.6	0.1	58	7	17.8	0.5	87	10	17.5	-0.3
Alg 1, Alg 2, Geom, & Other Adv Math	175	11	17.8	0.3	79	10	17.3	0.0	96	11	18.1	0.3
Other comb of 4 or more years of Math	679	41	22.7	5.2	367	47	23.8	6.5	312	36	21.3	3.5
Alg 1, Alg 2, & Geom	61	4	16.5	-1.0	24	3	15.1	-2.2	37	4	17.4	-0.4
Other comb of 3 or 3.5 years of Math	62	4	19.3	1.8	29	4	19.7	2.4	33	4	19.0	1.2
Less than 3 years of Math	8	0	17.5	-	4	1	17.3	-	4	0	17.8	-
Zero years / no Math courses reported	145	9	18.8	-	75	10	20.2	-	70	8	17.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	234	14	20.9	-2.1	139	18	21.2	-2.4	95	11	20.4	-2.2
Other comb of 4 or more years Social Science	567	34	21.0	-2.0	279	36	22.2	-1.4	288	33	20.0	-2.6
US Hist, World Hist, & Am Gov	176	11	17.6	-5.4	59	8	17.2	-6.4	117	14	17.8	-4.8
Other comb of 3 or 3.5 years of Social Science	350	21	22.2	-0.8	162	21	23.5	-0.1	188	22	21.1	-1.5
Less than 3 years of Social Science	174	11	23.0	-	69	9	23.6	-	105	12	22.6	-
Zero years / no Social Science courses reported	146	9	19.9	-	75	10	21.4	-	71	8	18.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	955	58	19.4	3.3	440	56	20.6	3.0	515	60	18.3	3.2
Bio, Chem, Phys	307	19	22.9	6.8	162	21	24.2	6.6	145	17	21.4	6.3
Gen Sci ² , Bio, Chem	162	10	17.6	1.5	77	10	18.1	0.5	85	10	17.1	2.0
Other comb of 3 years of Natural Science	18	1	17.3	1.2	6	1	17.0	-0.6	12	1	17.4	2.3
Less than 3 years of Natural Science	59	4	16.1	-	23	3	17.6	-	36	4	15.1	-
Zero years / no Natural Science courses reported	146	9	19.1	-	75	10	20.5	-	71	8	17.7	-

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: 1,647

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	370	22	20.0	55	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	1,099	67	20.1	55	1,265,911	70	20.3	65
Less than 4 years of English	33	2	17.5	45	84,048	5	15.9	36
Zero years / no English courses reported	145	9	17.9	45	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	187	11	21.6	47	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	185	11	19.7	36	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	145	9	17.6	18	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	175	11	17.8	19	336,291	19	19.6	32
Other comb of 4 or more years of Math	679	41	22.7	54	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	61	4	16.5	13	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	62	4	19.3	31	88,866	5	19.7	34
Less than 3 years of Math	8	0	17.5	0	77,906	4	16.3	7
Zero years / no Math courses reported	145	9	18.8	28	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	234	14	20.9	41	50,989	3	22.2	51
Other comb of 4 or more years Social Science	567	34	21.0	44	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	176	11	17.6	22	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	350	21	22.2	50	489,586	27	21.0	43
Less than 3 years of Social Science	174	11	23.0	52	171,617	10	19.1	32
Zero years / no Social Science courses reported	146	9	19.9	36	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	955	58	19.4	31	767,293	43	21.9	46
Bio, Chem, Phys	307	19	22.9	52	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	162	10	17.6	21	504,165	28	19.9	28
Other comb of 3 years of Natural Science	18	1	17.3	11	51,822	3	19.1	25
Less than 3 years of Natural Science	59	4	16.1	15	218,267	12	18.0	17
Zero years / no Natural Science courses reported	146	9	19.1	29	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: 1,647

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	9	1	16.0	0	0	.	7	1	17.0
Architecture	25	2	20.2	0	0	.	20	2	21.6
Area, Ethnic, & Multidisciplinary Studies	7	0	19.1	0	0	.	7	1	19.1
Arts: Visual & Performing	107	6	17.6	1	4	12.0	85	7	18.0
Business	227	14	19.0	8	33	14.3	169	15	19.6
Communications	71	4	19.1	2	8	16.5	54	5	19.3
Community, Family, & Personal Services	19	1	14.8	0	0	.	12	1	15.8
Computer Science & Mathematics	41	2	22.0	0	0	.	33	3	22.3
Education	37	2	17.2	0	0	.	29	3	16.9
Engineering	111	7	22.9	1	4	12.0	87	8	24.4
Engineering Technology & Drafting	11	1	18.5	0	0	.	8	1	20.4
English & Foreign Languages	36	2	25.9	1	4	16.0	31	3	26.0
Health Administration & Assisting	38	2	15.0	1	4	16.0	33	3	14.9
Health Sciences & Technologies	100	6	18.8	1	4	15.0	73	6	20.2
Philosophy, Religion, & Theology	10	1	20.2	0	0	.	9	1	20.8
Repair, Production, & Construction	0	0	.	0	0	.	0	0	.
Sciences: Biological & Physical	125	8	23.5	0	0	.	103	9	23.9
Social Sciences & Law	179	11	20.2	2	8	14.5	154	13	20.9
Undecided	371	23	22.0	6	25	15.7	234	20	22.5
No Response	122	7	19.4	1	4	11.0	6	1	16.7

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: 1,647

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	11	14.4	10	14.2	0	.	0	.	1	16.0
2-yr College Degree	13	14.9	11	14.6	0	.	0	.	2	16.5
Bachelors Degree	461	18.2	285	15.7	1	10.0	84	25.3	47	18.4
Graduate Study	324	23.1	126	18.2	0	.	133	27.5	25	21.7
Prof. Level Degree	370	22.8	185	18.6	2	21.0	107	29.1	24	22.4
Other	19	16.1	10	13.2	0	.	2	24.5	3	18.7
No Response	449	19.3	204	14.7	2	13.5	80	28.2	17	16.8

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	11	14.4	0	.	0	.	0	.	0	.
2-yr College Degree	13	14.9	0	.	0	.	0	.	0	.
Bachelors Degree	461	18.2	13	23.7	0	.	11	19.1	20	20.5
Graduate Study	324	23.1	4	24.5	0	.	12	25.7	24	24.2
Prof. Level Degree	370	22.8	8	27.1	0	.	19	22.1	25	25.7
Other	19	16.1	1	14.0	0	.	1	15.0	2	19.5
No Response	449	19.3	13	27.1	1	13.0	9	23.1	123	20.4

Total Students in Report: 1,647

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 MARYLAND COLLEGE PARK	Maryland	50	12	38	0	20	18	18	30	12	2
VIRGINIA COMMONWEALTH UNIVERSITY	Virginia	33	11	22	6	27	36	9	18	3	0
VIRGINIA STATE UNIVERSITY	Virginia	28	7	21	21	54	21	4	0	0	0
HAMPTON UNIVERSITY	Virginia	26	4	22	8	46	31	12	4	0	0
TEMPLE UNIVERSITY	Pennsylvania	26	10	16	4	31	31	31	0	4	0
GALLAUDET UNIVERSITY	District of Columbia	25	21	4	16	32	28	16	4	4	0
HOWARD UNIVERSITY	District of Columbia	25	10	15	0	36	40	24	0	0	0
MORGAN STATE UNIVERSITY	Maryland	25	6	19	12	68	16	4	0	0	0
DELAWARE STATE UNIVERSITY	Delaware	23	4	19	4	65	17	13	0	0	0
NCAA ELIGIBILITY CENTER	Indiana	23	21	2	0	17	48	22	0	13	0
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	23	7	16	13	48	26	13	0	0	0
BOWIE STATE UNIVERSITY	Maryland	20	10	10	10	80	5	5	0	0	0
JAMES MADISON UNIVERSITY	Virginia	18	7	11	0	6	11	33	44	6	0
TOWSON UNIVERSITY	Maryland	17	4	13	0	29	18	47	6	0	0
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	17	7	10	0	6	18	12	24	29	12
CLARK ATLANTA UNIVERSITY	Georgia	16	10	6	13	63	19	6	0	0	0
GEORGE MASON UNIVERSITY	Virginia	16	5	11	13	19	31	25	13	0	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	16	6	10	6	19	13	25	31	6	0
UNIVERSITY OF VIRGINIA	Virginia	16	6	10	0	0	0	13	31	50	6
GEORGETOWN UNIVERSITY	District of Columbia	14	5	9	0	14	7	36	14	29	0
NORFOLK STATE UNIVERSITY	Virginia	14	4	10	14	64	21	0	0	0	0
NORTH CAROLINA CENTRAL UNIVERSITY	North Carolina	14	2	12	36	21	14	29	0	0	0
SYRACUSE UNIVERSITY	New York	14	4	10	0	14	21	43	7	14	0
VIRGINIA TECH	Virginia	14	4	10	7	0	7	0	36	43	7
GEORGE WASHINGTON UNIVERSITY THE	District of Columbia	13	5	8	15	15	46	23	0	0	0
LINCOLN UNIVERSITY OF PA	Pennsylvania	13	2	11	15	46	31	8	0	0	0
OLD DOMINION UNIVERSITY	Virginia	13	4	9	15	38	38	8	0	0	0
NEW YORK UNIVERSITY	New York	12	3	9	8	25	42	8	0	17	0
PRINCETON UNIVERSITY	New Jersey	12	5	7	0	0	8	8	8	58	17
RADFORD UNIVERSITY	Virginia	11	4	7	0	27	45	18	9	0	0
All Other Institutions		957	246	711	6	15	24	19	19	15	2
Total		1,544	456	1,088	7	22	24	18	16	12	2

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: 1,647

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	1,363	942,769	20.8	21.3	6.9	7.0	20.0	20.5
Black/African American	669	114,751	15.5	16.3	6.1	6.1	15.5	16.0
American Indian/Alaska Native	5	6,031	14.2	16.8	5.0	6.1	13.4	16.4
White	374	518,407	28.8	22.9	8.0	7.2	26.9	21.9
Hispanic/Latino	101	151,504	18.2	18.6	7.0	6.8	18.3	18.3
Asian	37	54,580	25.9	23.5	7.6	7.6	24.4	22.7
Native Hawaiian/Other Pac. Isl.	0	2,812	.	19.5	.	6.9	.	19.2
Two or more races	44	35,355	23.5	21.5	7.3	7.0	22.4	20.6
Prefer not/No Response	133	59,329	24.5	21.8	7.3	7.1	23.2	20.9
Males	638	423,104	22.0	21.0	6.9	6.7	20.9	20.1
Females	725	513,945	19.6	21.6	6.9	7.2	19.2	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5

