

ACT Profile Report - State

Graduating Class 2014

Delaware



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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

42% 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. 79% 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 3% of the cohort took less than three years of math courses. Of these students, 17% were college ready. 3% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 63% 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. 16% of these students were college ready. In comparison, 53% 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 33% 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

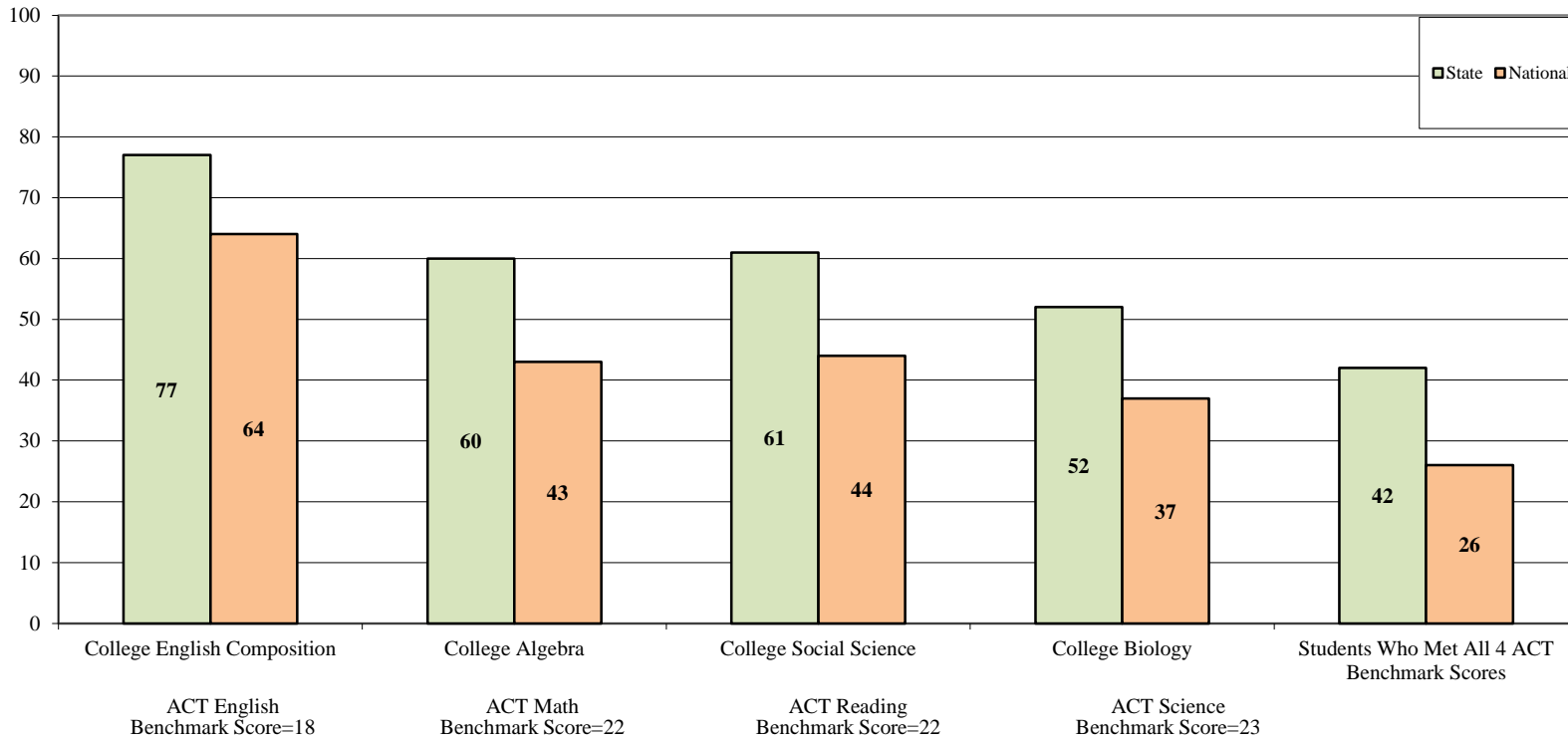
Executive Summary

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: 1,647

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
2010	1,213	1,568,835	80	66	57	43	64	52	40	29	35	24
2011	1,481	1,623,112	74	66	57	45	60	52	39	30	34	25
2012	1,328	1,666,017	76	67	57	46	63	52	39	31	34	25
2013	1,423	1,799,243	77	64	59	44	59	44	49	36	40	26
2014	1,647	1,845,787	77	64	60	43	61	44	52	37	42	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	1,213	1,568,835	22.8	20.5	22.7	21.0	23.4	21.3	22.5	20.9	23.0	21.0
2011	1,481	1,623,112	22.0	20.6	22.4	21.1	22.7	21.3	22.0	20.9	22.4	21.1
2012	1,328	1,666,017	22.3	20.5	22.4	21.1	23.0	21.3	22.1	20.9	22.6	21.1
2013	1,423	1,799,243	22.5	20.2	22.8	20.9	23.4	21.1	22.4	20.7	22.9	20.9
2014	1,647	1,845,787	22.7	20.3	23.2	20.9	23.7	21.3	22.9	20.8	23.2	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	1,799,243	20.2	20.9	21.1	20.7	20.9
2014	1,845,787	20.3	20.9	21.3	20.8	21.0

Total Students in Report: 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
2010	971	235	80	19	22.6	23.7	22.6	23.5	23.2	24.3	22.4	23.1	22.8	23.7
2011	1,172	288	79	19	22.1	21.7	22.5	22.2	22.8	22.2	22.1	21.7	22.5	22.1
2012	1,030	272	78	20	22.4	22.2	22.5	22.3	23.1	22.8	22.3	21.7	22.7	22.4
2013	1,107	302	78	21	22.5	22.4	22.8	22.8	23.3	23.4	22.4	22.1	22.9	22.8
2014	1,303	332	79	20	22.9	22.2	23.2	23.1	23.8	23.5	22.9	22.8	23.3	23.0

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	1,213	100	23.0	1,481	100	22.4	1,328	100	22.6	1,423	100	22.9	1,647	100	23.2
Black/African American	193	16	18.3	252	17	17.3	227	17	17.7	244	17	17.5	248	15	17.8
American Indian/Alaska Native	4	0	19.5	4	0	20.3	5	0	22.4	2	0	24.0	4	0	20.3
White	836	69	23.9	972	66	23.5	876	66	23.6	914	64	24.0	1,041	63	24.3
Hispanic/Latino	40	3	22.7	59	4	21.0	46	3	21.1	55	4	21.4	101	6	22.0
Asian	55	5	26.6	62	4	27.2	65	5	25.9	86	6	26.4	119	7	25.9
Native Hawaiian/Other Pacific Islander	0	0	.	7	0	20.1	1	0	26.0	3	0	18.3	0	0	.
Two or more races	30	2	22.5	58	4	22.1	43	3	21.7	47	3	22.1	58	4	22.9
Prefer not to respond/No response	55	5	23.4	67	5	22.8	65	5	23.2	72	5	24.1	76	5	24.3

Total Students in Report: 1,647

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

CRS Range	English (Benchmark = 18)	Mathematics (Benchmark = 22)	Reading (Benchmark = 22)	Science (Benchmark = 23)
1-12	7% 13%	1% 1%	4% 7%	4% 6%
13-15	9% 14%	8% 14%	8% 13%	6% 10%
16-19	14% 18%	24% 33%	17% 22%	18% 24%
20-23	23% 23%	16% 18%	23% 24%	29% 29%
24-27	22% 16%	29% 21%	17% 14%	26% 20%
28-32	15% 10%	17% 9%	21% 14%	11% 7%
33-36	9% 5%	6% 3%	10% 5%	7% 3%
% At or Above Benchmark	77% 64%	60% 43%	61% 44%	52% 37%

■ = State

■ = National

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	1,598	97	22.7	23.2	23.7	22.8	23.2
	Extended Time	49	3	22.4	23.9	24.4	23.1	23.6
	Total	1,647	100	22.7	23.2	23.7	22.9	23.2
National	Standard Time	1,769,033	96	20.5	21.0	21.4	20.9	21.1
	Extended Time	76,754	4	16.2	17.8	18.5	18.1	17.8
	Total	1,845,787	100	20.3	20.9	21.3	20.8	21.0

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

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	78	60	61	52	42
	Extended Time	73	63	65	57	41
	Total	77	60	61	52	42
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: 1,647

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	7	100	6	100	27	100	28	100	2	100	36
35	45	100	32	100	29	98	22	98	15	100	35
34	53	97	38	98	54	97	35	97	37	99	34
33	41	94	31	95	56	93	25	95	40	97	33
32	45	91	38	94	81	90	27	93	41	94	32
31	45	88	33	91	73	85	42	92	51	92	31
30	56	86	38	89	68	81	36	89	62	89	30
29	52	82	73	87	54	76	21	87	68	85	29
28	56	79	94	82	76	73	53	86	81	81	28
27	61	76	98	77	64	69	116	82	81	76	27
26	81	72	123	71	55	65	69	75	96	71	26
25	106	67	121	63	78	61	117	71	106	65	25
24	113	61	128	56	86	57	134	64	109	59	24
23	86	54	82	48	114	51	128	56	125	52	23
22	105	49	61	43	90	44	136	48	97	45	22
21	98	42	60	40	113	39	100	40	100	39	21
20	92	36	59	36	65	32	115	34	82	33	20
19	78	31	71	32	98	28	104	27	93	28	19
18	55	26	91	28	55	22	73	21	78	22	18
17	50	23	105	22	69	19	66	16	64	17	17
16	52	20	126	16	52	15	50	12	65	13	16
15	68	16	90	8	41	12	42	9	42	9	15
14	52	12	29	3	53	9	23	7	52	7	14
13	27	9	11	1	30	6	27	5	27	4	13
12	31	7	6	1	28	4	16	4	16	2	12
11	31	6	3	1	22	2	15	3	10	1	11
10	26	4	0	1	7	1	12	2	5	1	10
9	14	2	0	1	6	1	4	1	1	1	9
8	14	1	0	1	0	1	3	1	0	1	8
7	3	1	0	1	0	1	2	1	1	1	7
6	2	1	0	1	1	1	5	1	0	1	6
5	1	1	0	1	0	1	1	1	0	1	5
4	1	1	0	1	2	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)	22.7 (6.7)		23.2 (5.7)		23.7 (6.5)		22.9 (5.7)		23.2 (5.6)		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	124	100	31	100	80	100	108	100	114	100	25	100	29	100	18
17	131	92	58	98	152	95	161	93	118	93	48	98	22	98	17
16	108	85	119	95	125	86	147	84	134	86	71	96	122	97	16
15	96	78	157	87	116	78	129	75	122	78	149	91	147	89	15
14	85	72	164	78	175	71	120	67	181	70	210	82	171	81	14
13	161	67	168	68	128	61	142	60	180	59	189	69	201	70	13
12	113	57	181	58	147	53	165	51	178	48	208	58	180	58	12
11	159	50	181	47	129	44	127	41	81	38	132	45	195	47	11
10	149	41	141	36	126	36	110	33	97	33	218	37	142	35	10
9	128	32	140	27	104	28	154	27	102	27	99	24	155	27	9
8	92	24	98	19	154	22	87	17	143	21	125	18	128	17	8
7	81	18	59	13	88	13	75	12	114	12	74	11	65	9	7
6	86	13	55	9	54	7	37	7	55	5	44	6	34	5	6
5	64	8	38	6	33	4	62	5	16	2	21	3	23	3	5
4	34	4	43	3	14	2	16	1	7	1	13	2	11	2	4
3	28	2	12	1	8	1	5	1	5	1	21	1	11	1	3
2	6	1	2	1	11	1	1	1	0	1	0	1	7	1	2
1	2	1	0	1	3	1	1	1	0	1	0	1	4	1	1
Avg (SD)	11.6 (4.1)		11.6 (3.4)		12.0 (3.8)		12.3 (3.8)		12.3 (3.6)		11.6 (3.1)		11.6 (3.2)		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	26	27
Q2 (50th Percentile)	23	24	23	23	23
Q1 (25th Percentile)	18	18	19	19	19

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	79	23.3	23.0
	Black/African American	248	70	18.3	17.1
	American Indian/Alaska Native	4	100	20.3	.
	White	1,041	82	24.1	25.0
	Hispanic/Latino	101	72	21.9	22.3
	Asian	119	78	25.8	26.3
	Native Hawaiian/Other Pac. Isl.	0	.	.	.
	Two or more races	58	81	23.2	21.1
	Prefer not/No Response	76	84	24.5	22.9
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	22.7	23.2	23.7	22.9	23.2
	Black/African American	16.4	18.1	18.3	18.1	17.8
	American Indian/Alaska Native	21.3	19.3	20.5	18.8	20.3
	White	24.0	24.0	24.8	23.8	24.3
	Hispanic/Latino	21.2	21.8	22.7	21.7	22.0
	Asian	25.5	27.0	25.6	25.2	25.9
	Native Hawaiian/Other Pac. Isl.	.	.	.	.	.
	Two or more races	22.2	22.7	23.9	22.5	22.9
	Prefer not/No Response	24.0	24.5	24.7	23.6	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: 1,647

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	146	9	107	6	166	10	110	7
	28 to 32	254	15	276	17	352	21	179	11
	24 to 27	361	22	470	29	283	17	436	26
	20 to 23	381	23	262	16	382	23	479	29
	16 to 19	235	14	393	24	274	17	293	18
	13 to 15	147	9	130	8	124	8	92	6
	01 to 12	123	7	9	1	66	4	58	4
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	758	46	23.1	24.5	24.0	23.9	24.0
	Females	889	54	22.3	22.1	23.4	22.0	22.6
	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	80	71	64	60	49
	Females	75	52	58	45	36
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 1,647

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	1,303	79	22.9	61	23.2	62	23.8	52	22.9	42	23.3
	Less than Core	332	72	22.2	59	23.1	59	23.5	52	22.8	43	23.0
	Missing ³	12	58	19.2	33	20.0	50	20.8	50	19.7	17	20.0
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	1,626	78	22.7	1,590	62	23.4	1,379	60	23.6	1,576	53	23.0
	Less than Core	14	50	18.0	46	17	17.6	259	66	24.4	63	16	18.1
	Missing ³	7	100	24.1	11	36	20.5	9	67	24.2	8	75	23.9
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

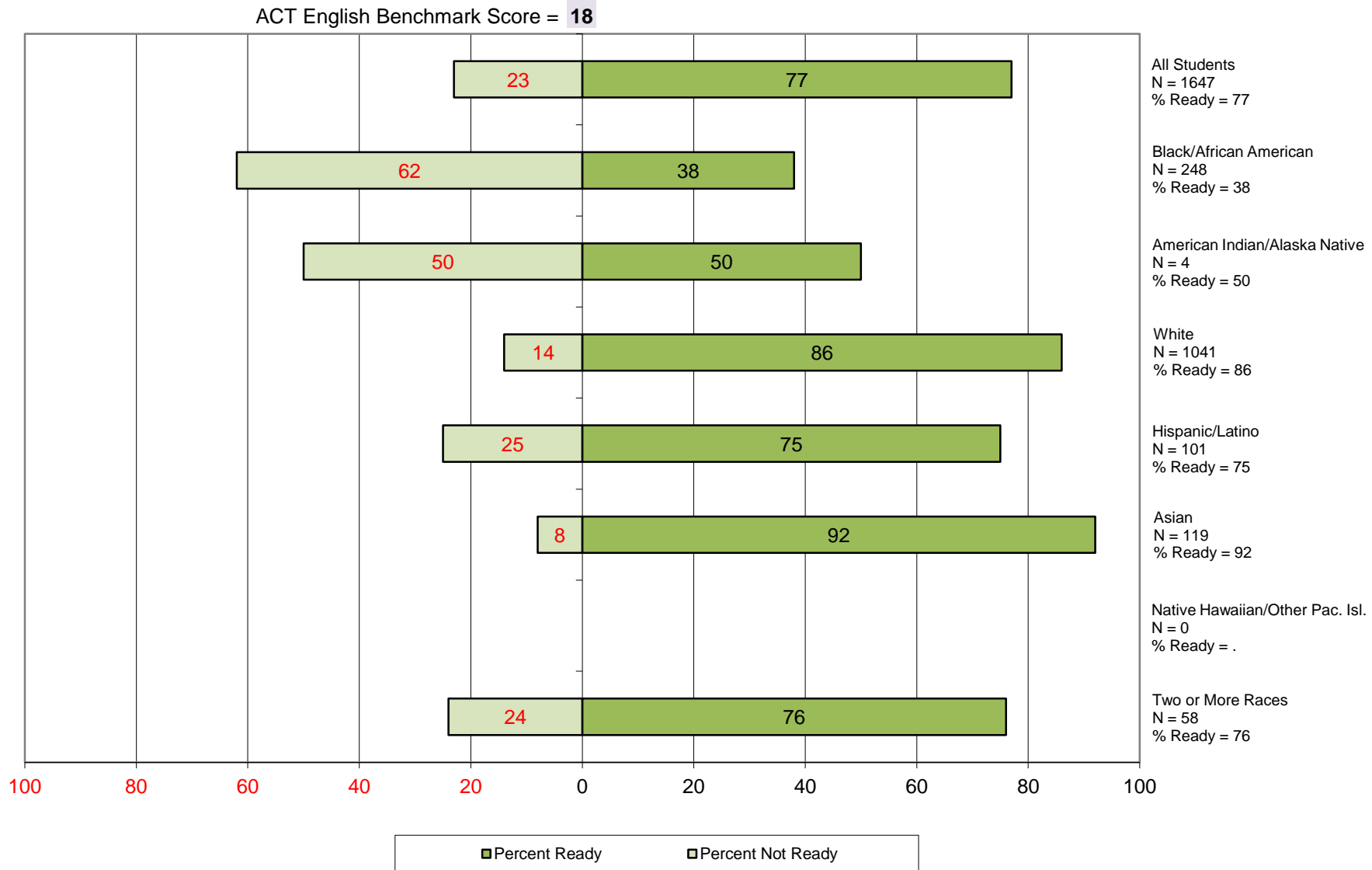


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

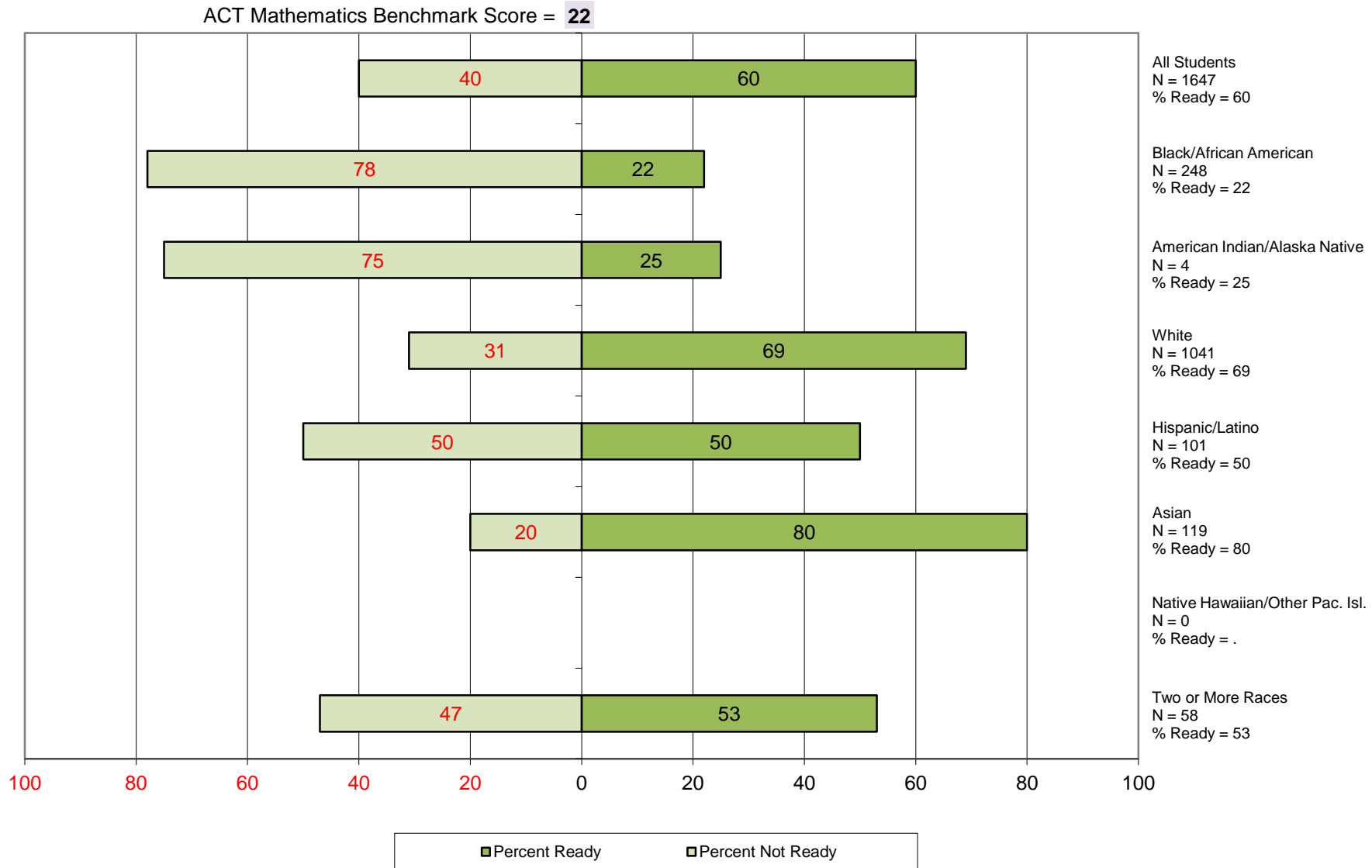


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

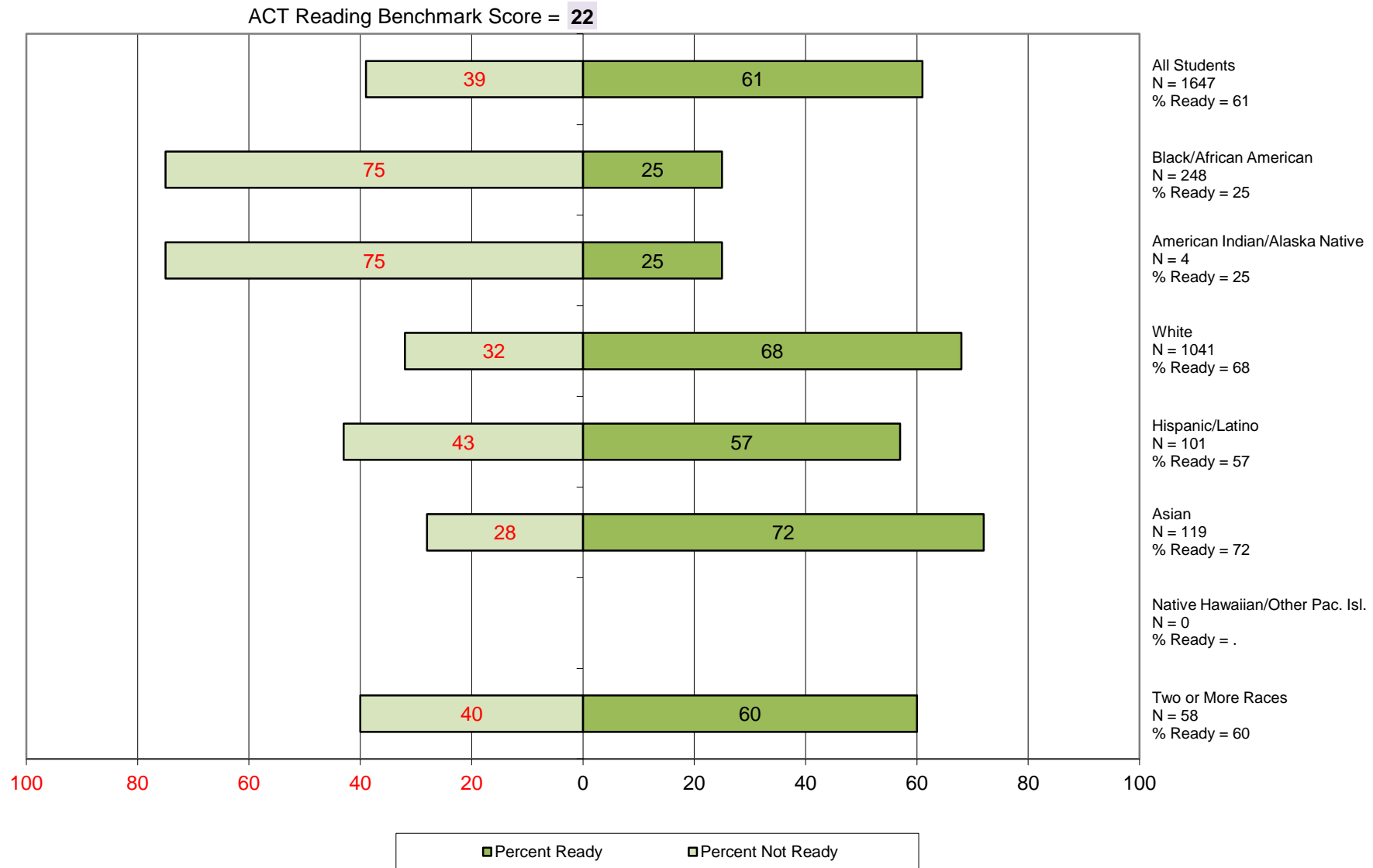


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

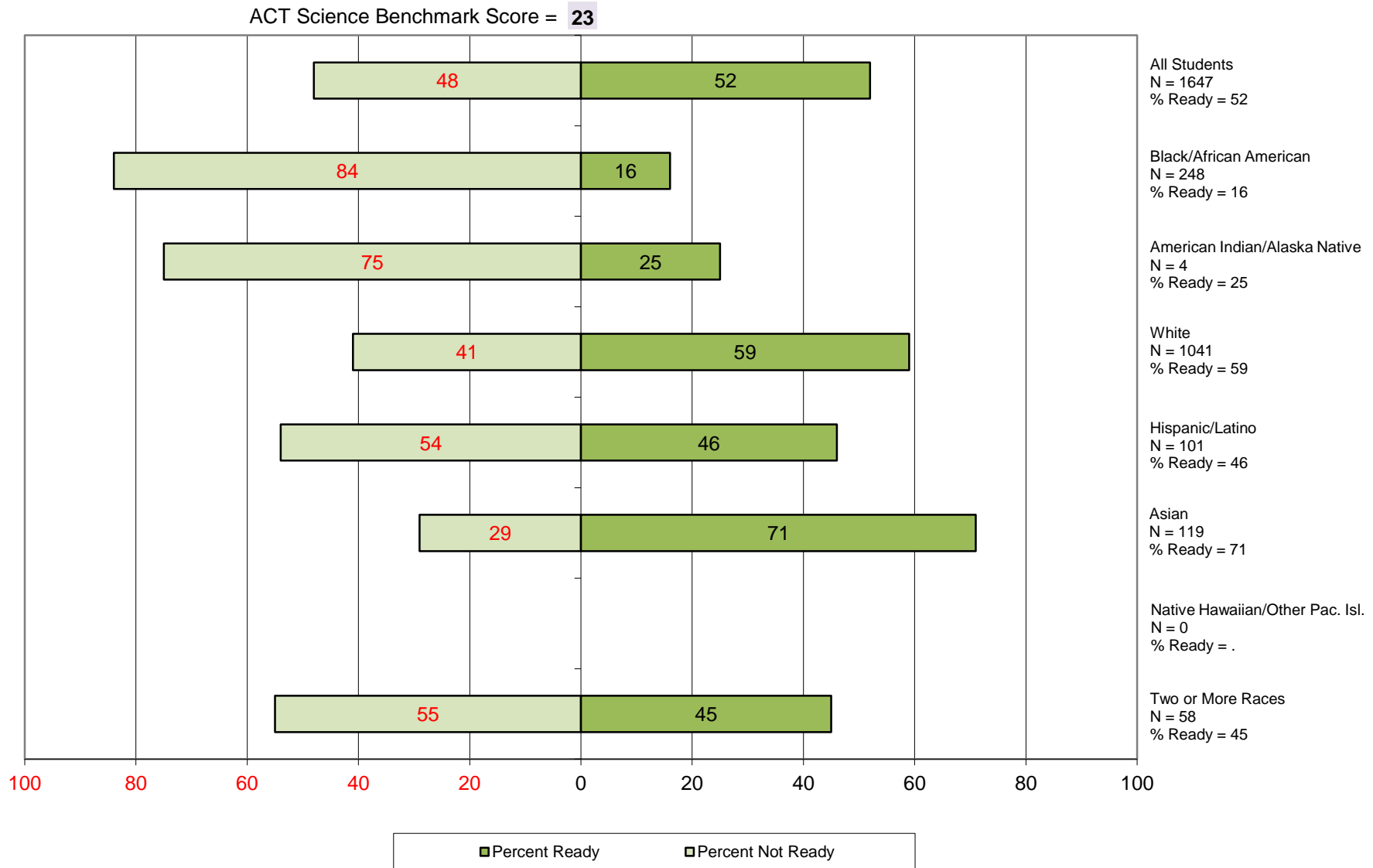
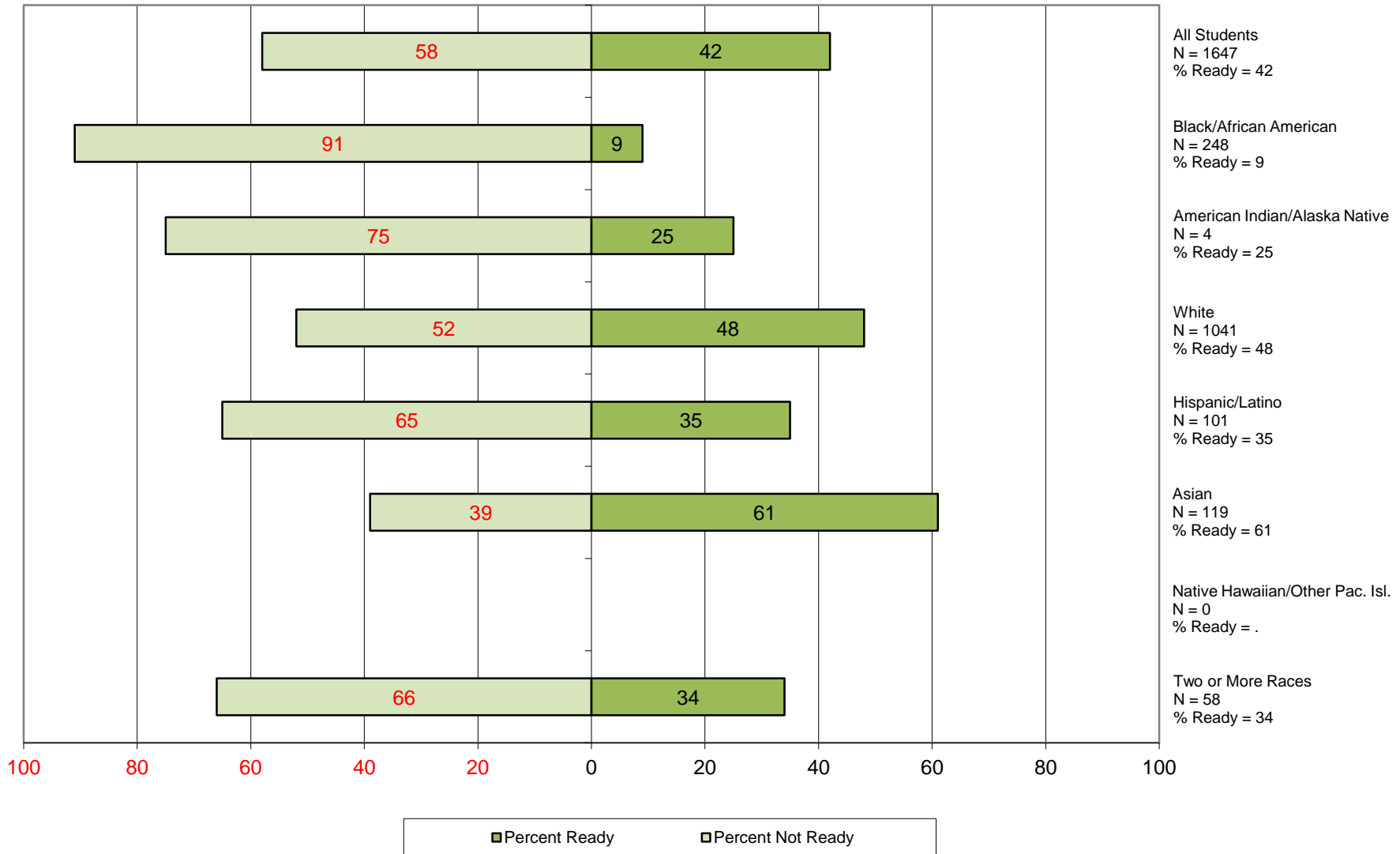


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 1,647

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	294	18	23.7	5.7	134	18	23.5	1.5	160	18	23.9	6.2
Eng 9, Eng 10, Eng 11, Eng 12	1,332	81	22.5	4.5	619	82	23.0	1.0	713	80	22.1	4.4
Less than 4 years of English	14	1	18.0	-	1	0	22.0	-	13	1	17.7	-
Zero years / no English courses reported	7	0	24.1	-	4	1	24.3	-	3	0	24.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	170	10	24.5	6.9	86	11	25.5	8.2	84	9	23.5	5.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	165	10	21.0	3.4	54	7	22.4	5.1	111	12	20.2	2.5
Alg 1, Alg 2, Geom, & Trig	84	5	19.8	2.2	24	3	19.4	2.1	60	7	20.0	2.3
Alg 1, Alg 2, Geom, & Other Adv Math	207	13	19.4	1.8	87	11	20.1	2.8	120	13	18.9	1.2
Other comb of 4 or more years of Math	819	50	25.5	7.9	417	55	26.4	9.1	402	45	24.6	6.9
Alg 1, Alg 2, & Geom	45	3	17.8	0.2	17	2	18.4	1.1	28	3	17.4	-0.3
Other comb of 3 or 3.5 years of Math	100	6	21.3	3.7	53	7	22.8	5.5	47	5	19.6	1.9
Less than 3 years of Math	46	3	17.6	-	15	2	17.3	-	31	3	17.7	-
Zero years / no Math courses reported	11	1	20.5	-	5	1	24.4	-	6	1	17.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	75	5	25.6	1.2	44	6	24.8	-1.0	31	3	26.8	3.3
Other comb of 4 or more years Social Science	760	46	23.5	-0.9	333	44	23.7	-2.1	427	48	23.4	-0.1
US Hist, World Hist, & Am Gov	61	4	24.0	-0.4	42	6	24.6	-1.2	19	2	22.6	-0.9
Other comb of 3 or 3.5 years of Social Science	483	29	23.2	-1.2	230	30	23.3	-2.5	253	28	23.2	-0.3
Less than 3 years of Social Science	259	16	24.4	-	105	14	25.8	-	154	17	23.5	-
Zero years / no Social Science courses reported	9	1	24.2	-	4	1	25.8	-	5	1	23.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,038	63	23.6	5.5	536	71	24.4	7.2	502	56	22.9	4.2
Bio, Chem, Phys	231	14	24.9	6.8	107	14	26.4	9.2	124	14	23.5	4.8
Gen Sci ² , Bio, Chem	279	17	19.5	1.4	72	9	18.9	1.7	207	23	19.7	1.0
Other comb of 3 years of Natural Science	28	2	20.6	2.5	16	2	22.4	5.2	12	1	18.3	-0.4
Less than 3 years of Natural Science	63	4	18.1	-	23	3	17.2	-	40	4	18.7	-
Zero years / no Natural Science courses reported	8	0	23.9	-	4	1	24.0	-	4	0	23.8	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took

less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 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	294	18	23.7	83	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	1,332	81	22.5	76	1,305,220	71	20.5	65
Less than 4 years of English	14	1	18.0	50	88,420	5	15.9	36
Zero years / no English courses reported	7	0	24.1	100	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	170	10	24.5	72	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	165	10	21.0	44	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	84	5	19.8	32	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	207	13	19.4	32	356,555	19	19.4	31
Other comb of 4 or more years of Math	819	50	25.5	78	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	45	3	17.8	18	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	100	6	21.3	49	90,105	5	19.8	35
Less than 3 years of Math	46	3	17.6	17	74,627	4	16.4	8
Zero years / no Math courses reported	11	1	20.5	36	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	75	5	25.6	68	48,992	3	22.3	50
Other comb of 4 or more years Social Science	760	46	23.5	60	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	61	4	24.0	64	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	483	29	23.2	59	504,877	27	21.3	43
Less than 3 years of Social Science	259	16	24.4	66	180,385	10	19.4	32
Zero years / no Social Science courses reported	9	1	24.2	67	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	1,038	63	23.6	58	781,043	42	22.1	46
Bio, Chem, Phys	231	14	24.9	68	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	279	17	19.5	24	505,460	27	20.0	28
Other comb of 3 years of Natural Science	28	2	20.6	43	52,236	3	19.2	24
Less than 3 years of Natural Science	63	4	18.1	16	220,701	12	18.1	17
Zero years / no Natural Science courses reported	8	0	23.9	75	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: 1,647

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	20	1	21.8	1	14	18.0	19	1	21.9
Architecture	19	1	22.9	0	0	.	19	1	22.9
Area, Ethnic, & Multidisciplinary Studies	3	0	25.3	0	0	.	3	0	25.3
Arts: Visual & Performing	62	4	22.1	0	0	.	60	4	22.2
Business	205	12	22.5	2	29	15.0	185	12	22.5
Communications	36	2	21.6	0	0	.	33	2	21.5
Community, Family, & Personal Services	9	1	17.6	1	14	20.0	7	0	17.7
Computer Science & Mathematics	53	3	23.5	0	0	.	51	3	23.5
Education	66	4	20.4	0	0	.	60	4	20.4
Engineering	200	12	26.8	0	0	.	174	12	26.7
Engineering Technology & Drafting	11	1	22.0	0	0	.	10	1	21.6
English & Foreign Languages	14	1	26.1	0	0	.	12	1	25.8
Health Administration & Assisting	29	2	18.1	0	0	.	24	2	18.8
Health Sciences & Technologies	318	19	21.9	2	29	22.0	295	20	21.9
Philosophy, Religion, & Theology	6	0	22.0	0	0	.	6	0	22.0
Repair, Production, & Construction	0	0	.	0	0	.	0	0	.
Sciences: Biological & Physical	202	12	24.2	0	0	.	186	13	24.0
Social Sciences & Law	160	10	22.9	0	0	.	149	10	22.9
Undecided	228	14	24.2	1	14	29.0	190	13	23.9
No Response	6	0	24.0	0	0	.	2	0	19.5

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	2	24.0	0	.	0	.	0	.	1	19.0
2-yr College Degree	5	18.6	2	14.0	0	.	2	22.5	0	.
Bachelors Degree	585	21.0	100	15.9	1	15.0	380	22.4	43	19.9
Graduate Study	419	24.3	41	19.1	2	18.5	303	24.8	18	25.7
Prof. Level Degree	481	24.7	86	19.7	1	29.0	259	25.9	32	22.8
Other	8	22.3	3	14.3	0	.	4	29.5	0	.
No Response	147	24.3	16	18.0	0	.	93	25.2	7	21.9

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	2	24.0	1	29.0	0	.	0	.	0	.
2-yr College Degree	5	18.6	0	.	0	.	0	.	1	20.0
Bachelors Degree	585	21.0	21	23.1	0	.	23	20.3	17	21.1
Graduate Study	419	24.3	26	25.6	0	.	12	24.5	17	23.4
Prof. Level Degree	481	24.7	56	27.7	0	.	21	24.3	26	26.4
Other	8	22.3	0	.	0	.	0	.	1	17.0
No Response	147	24.3	15	23.5	0	.	2	29.5	14	26.3

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 DELAWARE	Delaware	396	198	198	2	6	20	26	25	18	4
DELAWARE STATE UNIVERSITY	Delaware	68	16	52	12	29	43	9	6	1	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	53	15	38	0	4	25	19	25	23	6
DREXEL UNIVERSITY	Pennsylvania	48	12	36	0	4	29	25	21	21	0
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	Pennsylvania	46	9	37	0	15	22	39	22	2	0
TEMPLE UNIVERSITY	Pennsylvania	44	11	33	5	11	25	36	14	9	0
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	41	11	30	0	0	12	12	15	39	22
WILMINGTON COLLEGE	Delaware	38	6	32	11	32	26	11	16	5	0
WESLEY COLLEGE	Delaware	37	11	26	5	30	41	11	8	5	0
NCAA ELIGIBILITY CENTER	Indiana	36	21	15	3	6	22	33	25	8	3
SALISBURY UNIVERSITY	Maryland	35	6	29	0	17	23	43	11	6	0
VIRGINIA TECH	Virginia	35	7	28	0	0	6	20	43	17	14
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	33	9	24	0	6	12	24	39	15	3
TOWSON UNIVERSITY	Maryland	32	5	27	3	13	22	44	16	3	0
JAMES MADISON UNIVERSITY	Virginia	29	6	23	0	3	17	31	31	17	0
DELAWARE TECH & COMM COLL-STANTON/WILM	Delaware	28	10	18	11	36	36	4	11	4	0
VILLANOVA UNIVERSITY	Pennsylvania	27	8	19	0	0	11	15	30	30	15
NEW YORK UNIVERSITY	New York	25	7	18	0	4	12	12	32	32	8
YORK COLLEGE OF PENNSYLVANIA	Pennsylvania	21	10	11	0	10	29	24	29	10	0
SAINT JOSEPH'S UNIVERSITY	Pennsylvania	20	5	15	0	0	15	45	25	15	0
UNIVERSITY OF PITTSBURGH	Pennsylvania	19	7	12	0	0	0	26	37	37	0
JOHNS HOPKINS UNIVERSITY THE	Maryland	18	3	15	0	6	0	28	0	28	39
LIBERTY UNIVERSITY	Virginia	18	10	8	0	17	22	28	22	11	0
UNIVERSITY OF VIRGINIA	Virginia	18	4	14	0	6	6	17	22	17	33
HOWARD UNIVERSITY	District of Columbia	17	10	7	12	24	29	12	24	0	0
BOSTON UNIVERSITY	Massachusetts	16	3	13	0	0	6	13	25	44	13
DELAWARE TECH & COMM COLL-TERRY CAMPUS	Delaware	16	2	14	6	19	19	31	25	0	0
LEHIGH UNIVERSITY	Pennsylvania	15	2	13	0	7	7	20	47	20	0
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	15	10	5	0	0	7	0	20	7	67
NEUMANN UNIVERSITY	Pennsylvania	15	6	9	0	40	40	13	7	0	0
All Other Institutions		1,322	333	989	3	7	19	25	21	17	9
Total		2,581	773	1,808	3	8	20	24	21	16	7

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					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	1,323	976,031	23.5	21.3	7.7	7.1	22.7	20.6
Black/African American	169	114,263	17.0	16.4	7.0	6.3	17.4	16.3
American Indian/Alaska Native	1	6,408	32.0	16.8	8.0	6.2	29.0	16.5
White	844	520,054	24.6	23.1	7.7	7.3	23.6	22.1
Hispanic/Latino	84	167,575	21.6	18.5	7.9	6.9	21.6	18.4
Asian	110	61,663	25.9	23.7	8.2	7.7	25.1	22.9
Native Hawaiian/Other Pac. Isl.	0	3,742	.	17.7	.	6.6	.	17.6
Two or more races	50	39,565	22.5	21.4	7.3	7.1	21.7	20.7
Prefer not/No Response	65	62,761	25.0	21.6	8.0	7.1	24.2	20.9
Males	616	438,500	23.8	21.1	7.5	6.9	22.9	20.2
Females	707	530,240	23.2	21.6	7.8	7.3	22.6	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

