



Profile Report - State

Graduating Class 2015

District of Columbia



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This report provides information about the performance of your 2015 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 2015. 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

33% 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: 1,602 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 1% of the cohort took less than three years of math courses. Of these students, 29% were college ready. 3% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 9% of these students were college ready. In comparison, 47% 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. 28% of these students were college ready. In comparison, 39% 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 50% 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

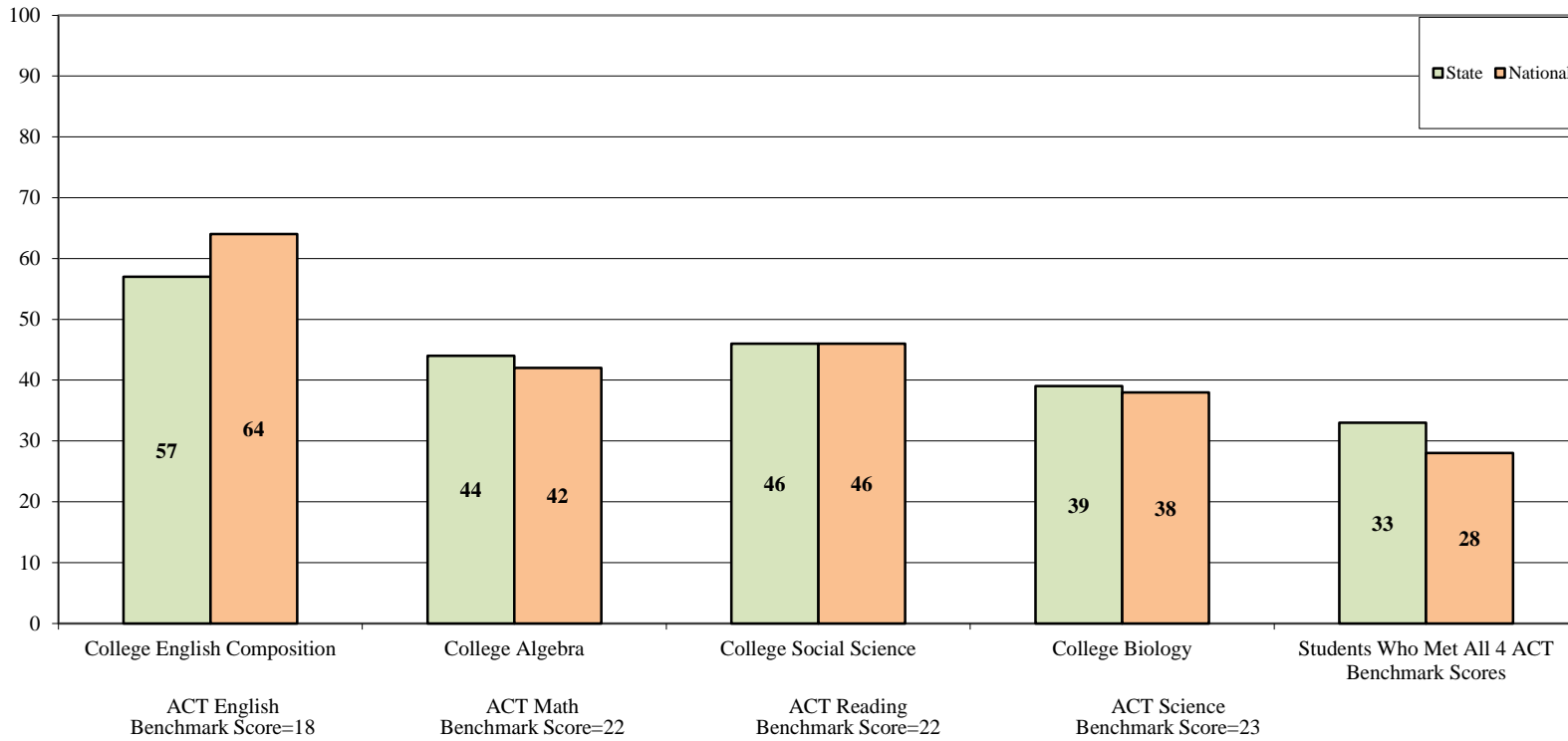
Executive Summary

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: 1,602

Table 1.1. Five Year Trends—Percent of Students Who Met College Readiness Benchmarks

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
			State	National	State	National	State	National	State	National	State	National
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
2014	1,492	1,845,787	61	64	47	43	47	44	41	37	35	26
2015	1,602	1,924,436	57	64	44	42	46	46	39	38	33	28

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
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
2014	1,492	1,845,787	21.2	20.3	21.5	20.9	22.0	21.3	21.1	20.8	21.6	21.0
2015	1,602	1,924,436	20.5	20.4	21.1	20.8	21.5	21.4	20.7	20.9	21.1	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
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
2015	1,924,436	20.4	20.8	21.4	20.9	21.0

Total Students in Report: 1,602

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
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
2014	1,123	209	75	14	21.2	22.5	21.4	23.0	21.8	23.0	20.9	21.7	21.4	22.7
2015	1,220	224	76	14	20.5	21.4	21.2	21.8	21.5	22.0	20.7	21.3	21.1	21.8

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,480	100	20.0	1,549	100	19.7	1,647	100	20.4	1,492	100	21.6	1,602	100	21.1
Black/African American	820	55	16.1	875	56	16.2	831	50	16.4	645	43	16.9	733	46	16.7
American Indian/Alaska Native	12	1	15.1	7	0	14.1	5	0	15.8	6	0	21.0	6	0	16.7
White	380	26	27.1	368	24	26.7	406	25	27.6	386	26	27.6	405	25	27.9
Hispanic/Latino	109	7	20.6	107	7	19.7	119	7	19.6	128	9	22.7	154	10	21.5
Asian	27	2	24.9	25	2	24.4	39	2	25.4	34	2	23.1	39	2	25.3
Native Hawaiian/Other Pacific Islander	1	0	29.0	2	0	21.0	1	0	13.0	4	0	27.8	2	0	15.0
Two or more races	40	3	21.9	65	4	21.5	52	3	22.3	72	5	22.7	63	4	22.1
Prefer not to respond/No response	91	6	23.3	100	6	21.8	194	12	21.6	217	15	23.3	200	12	22.1

Total Students in Report: 1,602

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



Total Students in Report: 1,602

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	1,378	86	20.3	21.1	21.2	20.5	20.9
	Extended Time	224	14	21.7	21.5	23.5	22.2	22.3
	Total	1,602	100	20.5	21.1	21.5	20.7	21.1
National	Standard Time	1,838,433	96	20.6	21.0	21.5	21.1	21.2
	Extended Time	86,003	4	16.5	18.1	18.8	18.3	18.1
	Total	1,924,436	100	20.4	20.8	21.4	20.9	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	56	44	44	37	32
	Extended Time	63	45	56	50	40
	Total	57	44	46	39	33
National	Standard Time	65	43	47	39	28
	Extended Time	38	22	32	23	16
	Total	64	42	46	38	28

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: 1,602

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	15	100	4	100	40	100	19	100	3	100	36
35	53	99	28	100	35	98	26	99	25	100	35
34	68	96	31	98	58	95	36	97	42	98	34
33	41	92	32	96	72	92	27	95	39	96	33
32	54	89	45	94	53	87	33	93	46	93	32
31	53	86	40	91	54	84	27	91	53	90	31
30	41	82	37	89	54	81	32	90	54	87	30
29	37	80	38	86	33	77	34	88	59	84	29
28	44	77	58	84	36	75	33	85	62	80	28
27	42	75	71	80	45	73	52	83	48	76	27
26	49	72	87	76	42	70	59	80	69	73	26
25	48	69	57	71	30	67	97	76	44	69	25
24	45	66	70	67	63	66	60	70	52	66	24
23	61	63	55	63	62	62	86	67	56	63	23
22	48	59	50	59	56	58	56	61	61	59	22
21	67	56	40	56	63	54	82	58	51	55	21
20	50	52	45	54	62	50	86	53	60	52	20
19	51	49	72	51	59	46	74	47	58	49	19
18	47	46	66	46	65	43	101	43	72	45	18
17	47	43	120	42	68	39	71	36	99	40	17
16	63	40	193	35	83	34	109	32	100	34	16
15	116	36	155	23	92	29	88	25	103	28	15
14	61	29	106	13	91	24	66	20	115	22	14
13	66	25	51	6	95	18	79	15	91	14	13
12	72	21	24	3	101	12	64	11	69	9	12
11	70	16	11	2	31	6	47	7	44	4	11
10	60	12	8	1	32	4	19	4	15	2	10
9	60	8	1	1	2	2	21	2	8	1	9
8	29	5	3	1	11	2	9	1	3	1	8
7	26	3	2	1	1	1	5	1	0	1	7
6	12	1	2	1	5	1	1	1	0	1	6
5	4	1	0	1	1	1	2	1	1	1	5
4	1	1	0	1	3	1	0	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	1	1	0	1	3	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	1
Avg (SD)	20.5 (8.4)		21.1 (6.5)		21.5 (7.9)		20.7 (6.8)		21.1 (7.0)		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: 1,602

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	139	100	51	100	109	100	134	100	98	100	25	100	35	100	18
17	143	91	69	97	136	93	102	92	100	94	32	98	12	98	17
16	74	82	154	93	100	85	104	85	105	88	73	96	120	97	16
15	90	78	112	83	92	78	135	79	86	81	132	92	117	90	15
14	63	72	91	76	66	73	77	70	82	76	139	84	132	82	14
13	57	68	84	70	85	69	90	66	105	71	107	75	112	74	13
12	74	65	81	65	93	63	90	60	123	64	109	68	100	67	12
11	94	60	103	60	95	57	91	54	82	56	161	61	124	61	11
10	95	54	99	53	127	52	74	49	87	51	147	51	152	53	10
9	101	48	126	47	104	44	98	44	101	46	205	42	170	44	9
8	108	42	140	39	181	37	87	38	148	40	188	29	180	33	8
7	104	35	106	31	172	26	126	32	243	30	117	18	90	22	7
6	133	29	120	24	98	15	162	25	109	15	27	10	91	16	6
5	116	20	126	17	71	9	129	14	75	8	53	9	57	10	5
4	89	13	72	9	31	5	63	6	37	4	20	5	46	7	4
3	89	8	56	4	7	3	25	2	15	1	42	4	37	4	3
2	28	2	9	1	23	2	12	1	4	1	3	2	1	2	2
1	5	1	3	1	12	1	3	1	2	1	22	1	26	2	1
Avg (SD)	10.3 (4.9)		10.3 (4.4)		10.9 (4.3)		10.8 (4.6)		10.7 (4.2)		10.5 (3.6)		10.4 (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)	28	26	28	25	27
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	13	16	15	15	15

Total Students in Report: 1,602

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	1,602	76	21.1	21.8
	Black/African American	733	84	16.8	16.6
	American Indian/Alaska Native	6	100	16.7	.
	White	405	84	27.7	29.0
	Hispanic/Latino	154	82	21.3	21.5
	Asian	39	72	24.3	27.9
	Native Hawaiian/Other Pac. Isl.	2	50	18.0	.
	Two or more races	63	84	22.6	20.0
	Prefer not/No Response	200	27	25.4	27.3
National	All Students	1,924,436	72	21.9	18.9
	Black/African American	252,566	67	17.8	15.9
	American Indian/Alaska Native	14,711	61	19.0	16.5
	White	1,057,803	76	23.2	20.2
	Hispanic/Latino	299,920	71	19.6	17.4
	Asian	87,499	79	24.5	22.0
	Native Hawaiian/Other Pac. Isl.	6,090	62	20.3	16.5
	Two or more races	76,066	73	22.0	19.3
	Prefer not/No Response	129,781	54	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	20.5	21.1	21.5	20.7	21.1
	Black/African American	15.5	17.3	16.9	16.7	16.7
	American Indian/Alaska Native	14.5	17.3	17.7	16.3	16.7
	White	28.5	27.2	28.6	26.7	27.9
	Hispanic/Latino	21.0	21.4	22.0	20.9	21.5
	Asian	25.1	26.3	24.9	24.4	25.3
	Native Hawaiian/Other Pac. Isl.	15.0	15.0	16.0	13.5	15.0
	Two or more races	21.3	22.6	22.1	22.1	22.1
	Prefer not/No Response	21.7	21.3	23.1	22.0	22.1
National	All Students	20.4	20.8	21.4	20.9	21.0
	Black/African American	15.9	17.2	17.4	17.3	17.1
	American Indian/Alaska Native	16.6	18.1	18.4	18.2	17.9
	White	22.1	21.9	22.9	22.2	22.4
	Hispanic/Latino	17.8	19.1	19.2	19.0	18.9
	Asian	23.0	25.0	23.3	23.6	23.9
	Native Hawaiian/Other Pac. Isl.	17.7	19.2	18.9	18.8	18.8
	Two or more races	20.7	20.8	21.8	21.1	21.2
	Prefer not/No Response	19.9	20.5	21.1	20.5	20.6

Total Students in Report: 1,602

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	177	11	95	6	205	13	108	7
	28 to 32	229	14	218	14	230	14	159	10
	24 to 27	184	11	285	18	180	11	268	17
	20 to 23	226	14	190	12	243	15	310	19
	16 to 19	208	13	451	28	275	17	355	22
	13 to 15	243	15	312	19	278	17	233	15
	01 to 12	335	21	51	3	191	12	169	11
National	33 to 36	100,774	5	54,201	3	114,663	6	62,731	3
	28 to 32	198,676	10	185,515	10	261,565	14	140,666	7
	24 to 27	303,299	16	384,130	20	281,364	15	388,063	20
	20 to 23	444,997	23	352,854	18	463,232	24	559,967	29
	16 to 19	357,690	19	646,399	34	409,189	21	462,353	24
	13 to 15	277,710	14	283,831	15	264,288	14	200,383	10
	01 to 12	241,290	13	17,506	1	130,135	7	110,273	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	769	48	21.5	22.6	22.6	22.1	22.3
	Females	833	52	19.6	19.8	20.5	19.4	20.0
	Missing	0	0
National	Males	895,775	47	20.0	21.3	21.2	21.3	21.1
	Females	1,013,212	53	20.8	20.4	21.6	20.6	21.0
	Missing	15,449	1	15.7	17.7	17.6	17.5	17.3

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	63	54	53	49	42
	Females	52	34	39	30	25
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 1,602

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	1,220	57	20.5	45	21.2	46	21.5	38	20.7	33	21.1
	Less than Core	224	61	21.4	46	21.8	48	22.0	42	21.3	38	21.8
	Missing ³	158	50	19.6	30	19.6	44	21.3	37	20.2	27	20.3
National	Core or More	1,389,338	71	21.4	49	21.7	52	22.3	44	21.8	33	21.9
	Less than Core	424,562	48	18.0	27	18.9	32	19.3	24	19.0	16	18.9
	Missing	110,536	38	16.3	19	17.8	25	18.0	19	17.8	11	17.6

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	1,425	58	20.7	1,432	45	21.3	1,286	45	21.4	1,380	39	20.8
	Less than Core	20	35	15.0	14	29	19.1	158	53	22.8	65	28	18.6
	Missing ³	157	50	19.7	156	31	19.6	158	44	21.3	157	38	20.3
National	Core or More	1,732,463	67	20.8	1,743,121	45	21.2	1,627,689	49	21.8	1,592,830	42	21.5
	Less than Core	93,944	36	15.9	78,951	8	16.3	194,720	34	19.5	227,926	18	18.1
	Missing	98,029	40	16.5	102,364	20	17.8	102,027	26	18.1	103,680	20	18.0

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

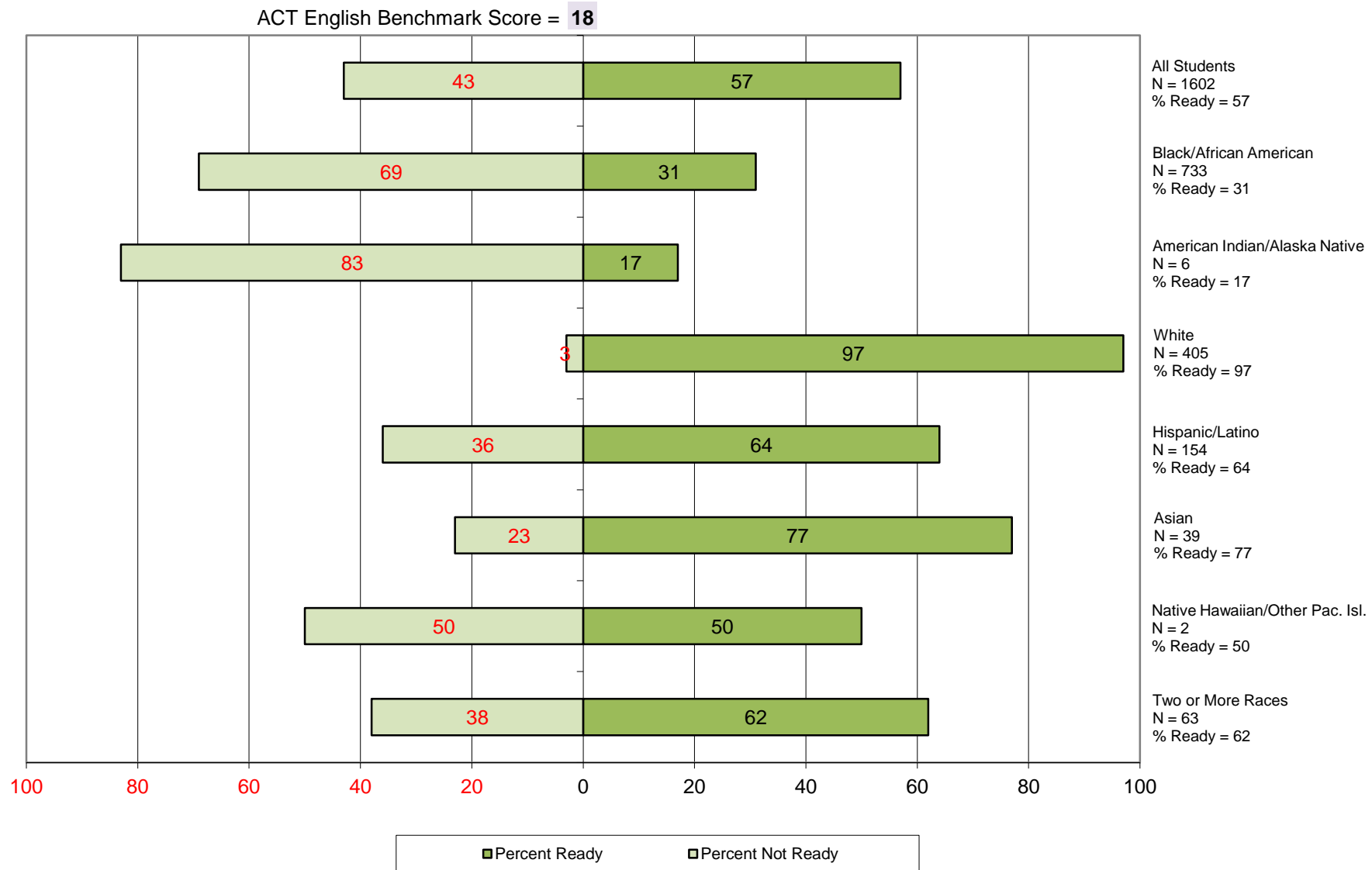


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

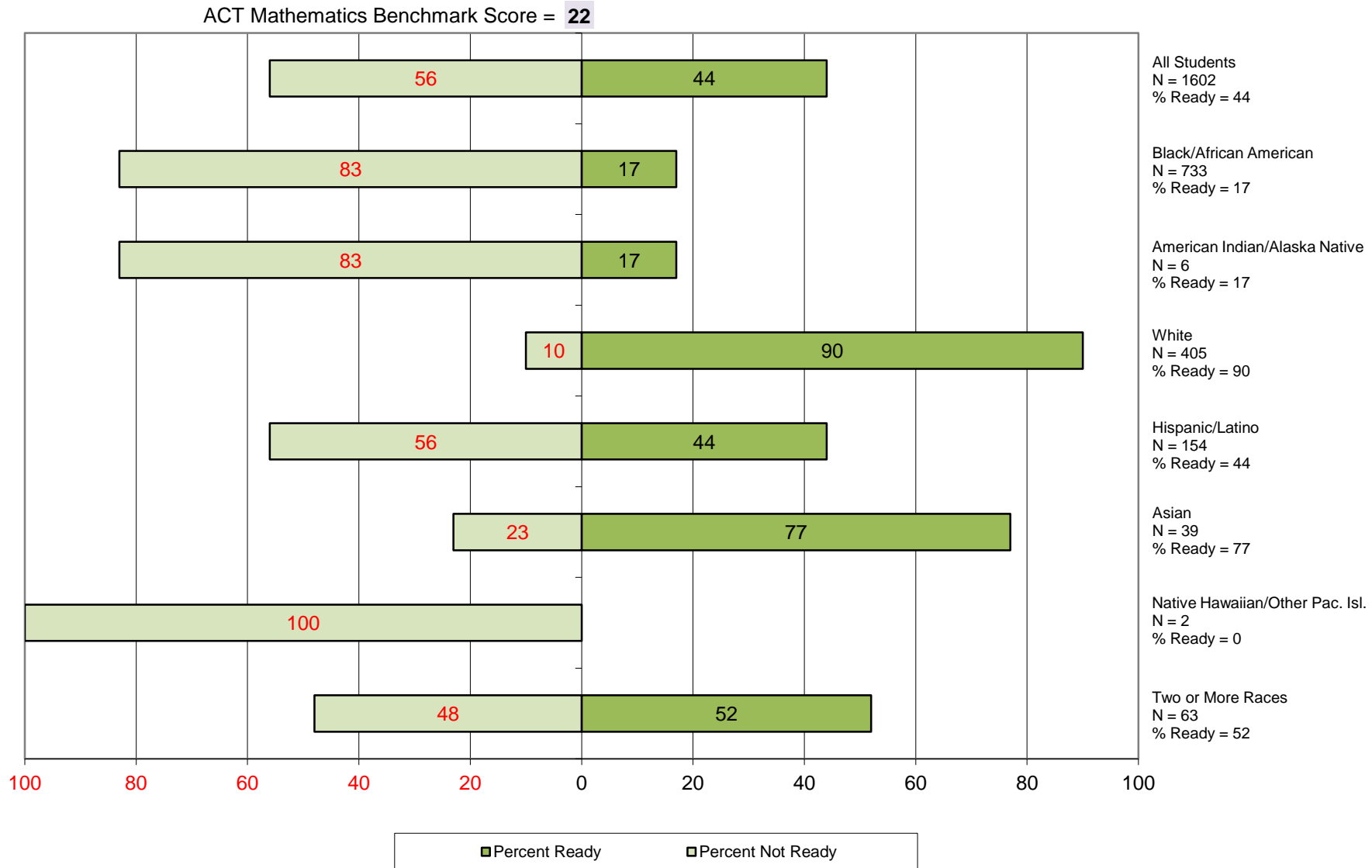


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

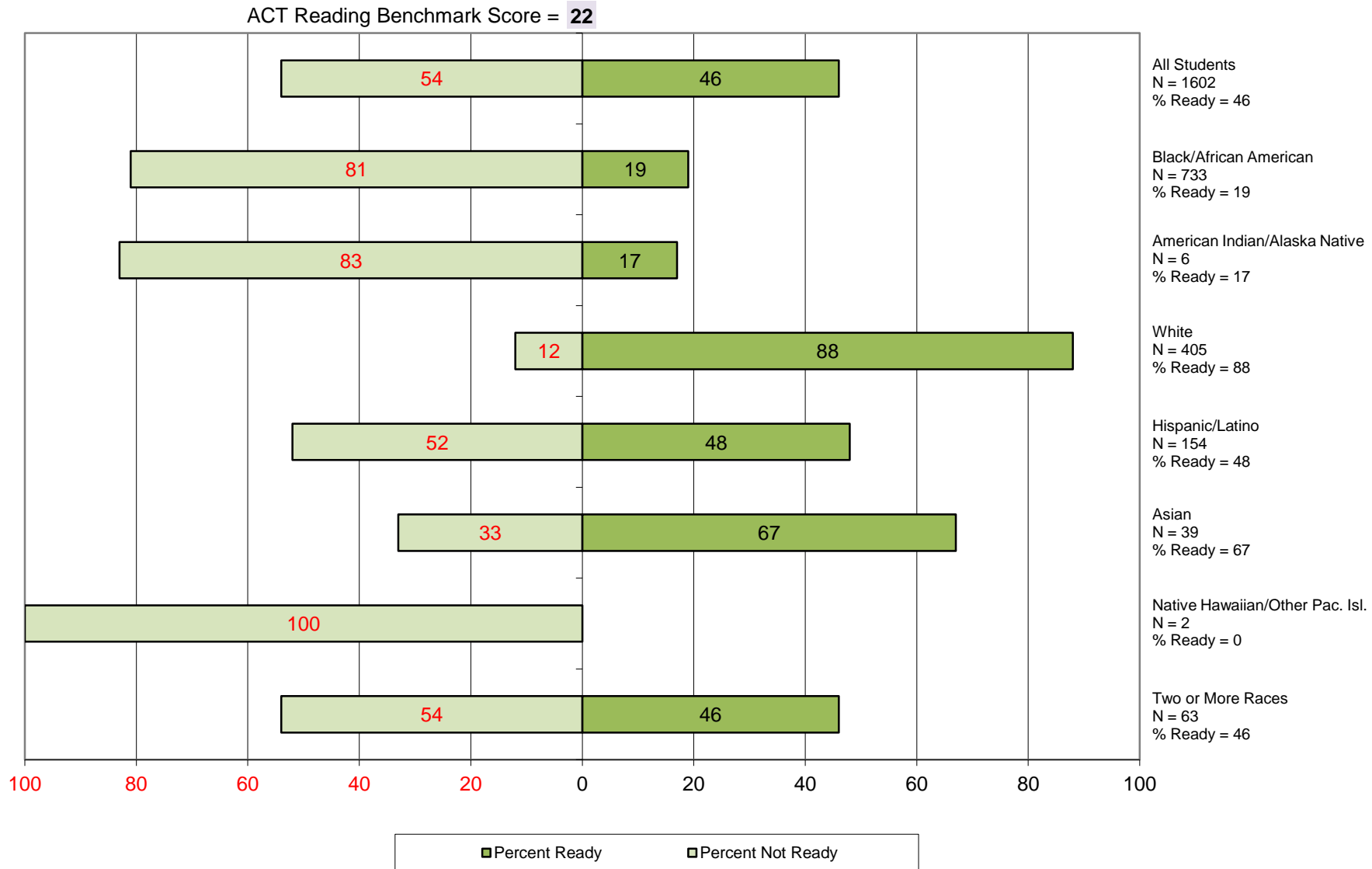


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

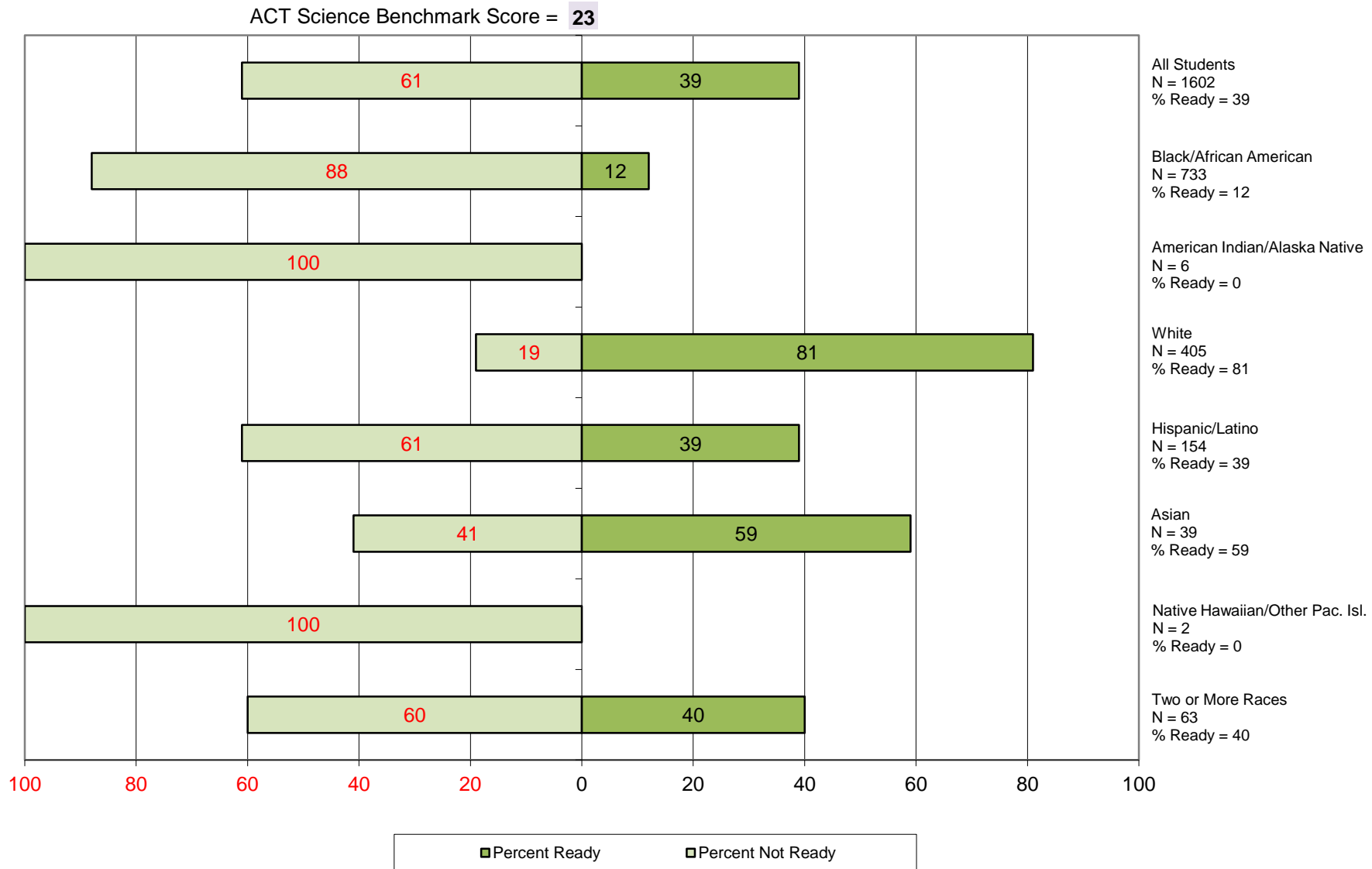
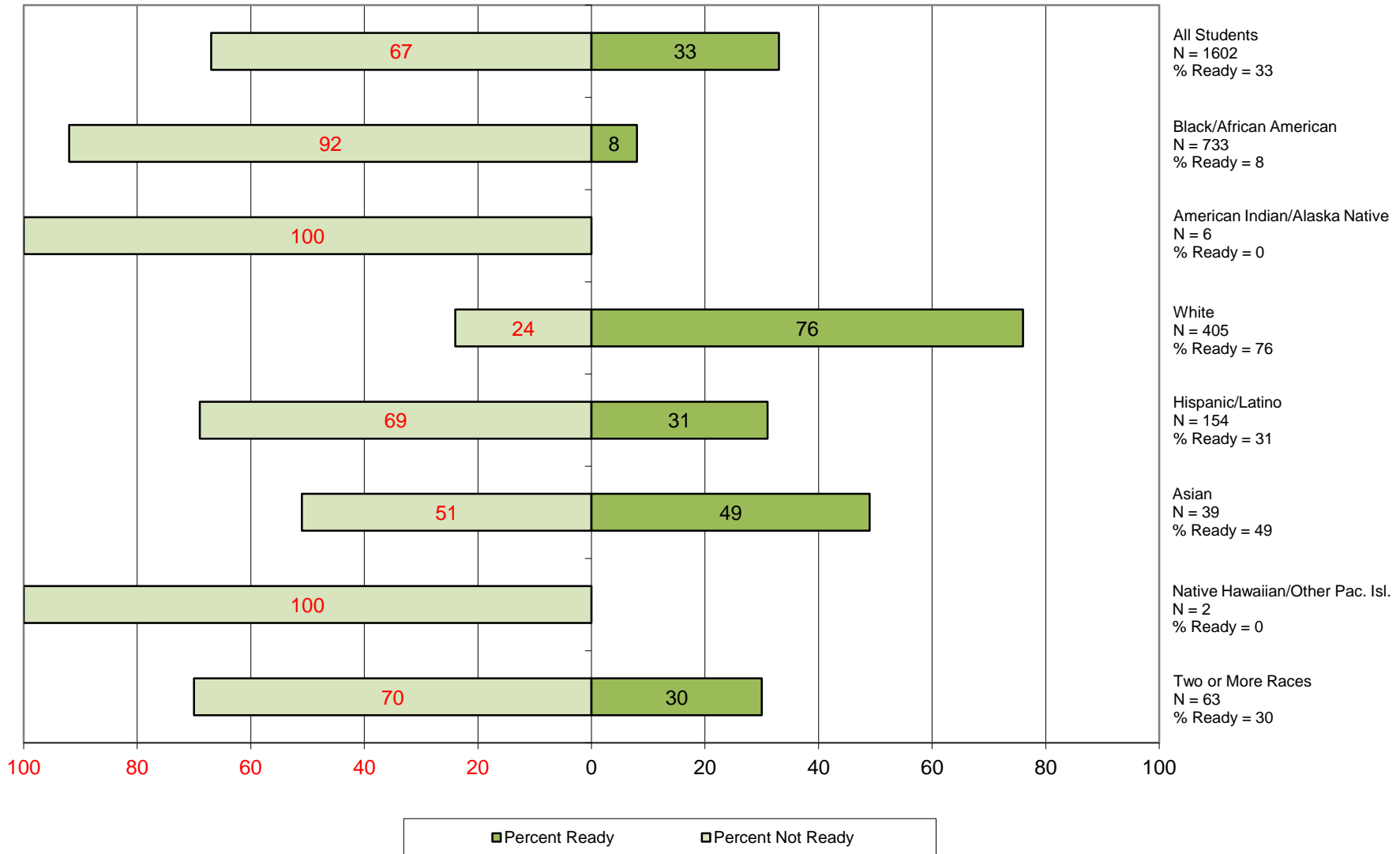


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 1,602

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	336	21	21.1	6.1	174	23	22.3	4.3	162	19	19.8	6.4
Eng 9, Eng 10, Eng 11, Eng 12	1,089	68	20.6	5.6	497	65	21.5	3.5	592	71	19.8	6.4
Less than 4 years of English	20	1	15.0	-	7	1	18.0	-	13	2	13.4	-
Zero years / no English courses reported	157	10	19.7	-	91	12	20.6	-	66	8	18.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	173	11	22.0	2.9	71	9	23.2	-0.8	102	12	21.1	2.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	180	11	20.5	1.4	77	10	21.8	-2.2	103	12	19.6	1.3
Alg 1, Alg 2, Geom, & Trig	126	8	17.7	-1.4	61	8	18.6	-5.4	65	8	16.8	-1.5
Alg 1, Alg 2, Geom, & Other Adv Math	151	9	18.2	-0.9	63	8	18.7	-5.3	88	11	17.9	-0.4
Other comb of 4 or more years of Math	691	43	23.2	4.1	360	47	24.9	0.9	331	40	21.5	3.2
Alg 1, Alg 2, & Geom	46	3	16.5	-2.6	16	2	16.3	-7.7	30	4	16.6	-1.7
Other comb of 3 or 3.5 years of Math	65	4	18.8	-0.3	29	4	20.3	-3.7	36	4	17.6	-0.7
Less than 3 years of Math	14	1	19.1	-	2	0	24.0	-	12	1	18.3	-
Zero years / no Math courses reported	156	10	19.6	-	90	12	20.7	-	66	8	18.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	198	12	20.5	-2.3	100	13	21.8	-2.1	98	12	19.1	-3.0
Other comb of 4 or more years Social Science	566	35	21.8	-1.0	272	35	23.1	-0.8	294	35	20.5	-1.6
US Hist, World Hist, & Am Gov	188	12	17.9	-4.9	71	9	18.5	-5.4	117	14	17.5	-4.6
Other comb of 3 or 3.5 years of Social Science	334	21	23.2	0.4	169	22	23.8	-0.1	165	20	22.7	0.6
Less than 3 years of Social Science	158	10	22.8	-	65	8	23.9	-	93	11	22.1	-
Zero years / no Social Science courses reported	158	10	21.3	-	92	12	21.8	-	66	8	20.5	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	930	58	20.3	1.7	428	56	21.5	0.9	502	60	19.4	2.1
Bio, Chem, Phys	290	18	23.8	5.2	165	21	24.9	4.3	125	15	22.3	5.0
Gen Sci ² , Bio, Chem	142	9	18.2	-0.4	52	7	19.3	-1.3	90	11	17.6	0.3
Other comb of 3 years of Natural Science	18	1	20.6	2.0	7	1	21.7	1.1	11	1	19.9	2.6
Less than 3 years of Natural Science	65	4	18.6	-	26	3	20.6	-	39	5	17.3	-
Zero years / no Natural Science courses reported	157	10	20.3	-	91	12	21.6	-	66	8	18.5	-

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: 1,602

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	336	21	21.1	59	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	1,089	68	20.6	58	1,359,318	71	20.6	65
Less than 4 years of English	20	1	15.0	35	93,944	5	15.9	36
Zero years / no English courses reported	157	10	19.7	50	98,029	5	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	173	11	22.0	49	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	180	11	20.5	46	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	126	8	17.7	22	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	151	9	18.2	25	362,476	19	19.4	30
Other comb of 4 or more years of Math	691	43	23.2	58	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	46	3	16.5	9	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	65	4	18.8	28	95,502	5	19.8	34
Less than 3 years of Math	14	1	19.1	29	78,951	4	16.3	8
Zero years / no Math courses reported	156	10	19.6	31	102,364	5	17.8	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	198	12	20.5	36	48,944	3	22.3	51
Other comb of 4 or more years Social Science	566	35	21.8	47	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	188	12	17.9	27	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	334	21	23.2	58	527,956	27	21.4	46
Less than 3 years of Social Science	158	10	22.8	53	194,720	10	19.5	34
Zero years / no Social Science courses reported	158	10	21.3	44	102,027	5	18.1	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	930	58	20.3	35	807,744	42	22.2	48
Bio, Chem, Phys	290	18	23.8	58	217,893	11	23.2	55
Gen Sci ¹ , Bio, Chem	142	9	18.2	25	512,754	27	20.1	30
Other comb of 3 years of Natural Science	18	1	20.6	56	54,439	3	19.1	24
Less than 3 years of Natural Science	65	4	18.6	28	227,926	12	18.1	18
Zero years / no Natural Science courses reported	157	10	20.3	38	103,680	5	18.0	20

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: 1,602

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	13	1	22.9	0	0	.	8	1	22.4
Architecture	16	1	19.9	0	0	.	14	1	19.4
Area, Ethnic, & Multidisciplinary Studies	6	0	24.2	0	0	.	5	0	26.6
Arts: Visual & Performing	95	6	18.3	1	6	25.0	65	6	18.9
Business	224	14	20.6	7	39	18.1	176	17	21.3
Communications	59	4	19.0	1	6	14.0	48	5	19.0
Community, Family, & Personal Services	26	2	15.7	1	6	14.0	21	2	15.8
Computer Science & Mathematics	52	3	23.3	0	0	.	38	4	24.3
Education	38	2	17.2	1	6	14.0	25	2	18.3
Engineering	114	7	22.9	1	6	14.0	90	9	24.2
Engineering Technology & Drafting	19	1	16.9	2	11	12.0	11	1	19.4
English & Foreign Languages	21	1	23.0	0	0	.	15	1	24.3
Health Administration & Assisting	24	1	16.5	0	0	.	13	1	17.8
Health Sciences & Technologies	103	6	18.1	1	6	14.0	77	7	18.6
Philosophy, Religion, & Theology	7	0	22.4	0	0	.	4	0	24.8
Repair, Production, & Construction	3	0	13.0	0	0	.	1	0	12.0
Sciences: Biological & Physical	137	9	23.9	0	0	.	102	10	23.7
Social Sciences & Law	168	10	21.5	1	6	12.0	135	13	21.6
Undecided	339	21	22.8	2	11	10.0	181	18	24.0
No Response	138	9	20.4	0	0	.	4	0	17.0

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: 1,602

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	16.6	5	12.6	0	.	1	27.0	0	.
2-yr College Degree	9	14.3	8	13.0	0	.	0	.	0	.
Bachelors Degree	407	18.5	251	15.6	1	12.0	89	25.2	35	19.1
Graduate Study	337	24.0	119	19.0	2	20.5	144	27.7	36	25.2
Prof. Level Degree	289	23.8	117	19.1	1	14.0	91	29.8	36	22.5
Other	22	19.1	12	14.1	0	.	4	26.3	4	19.5
No Response	529	20.1	221	15.9	2	16.5	76	29.4	43	19.6

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	16.6	2	22.0	0	.	1	15.0	0	.
2-yr College Degree	9	14.3	0	.	0	.	0	.	1	25.0
Bachelors Degree	407	18.5	5	23.2	0	.	13	21.4	13	23.4
Graduate Study	337	24.0	7	23.7	1	18.0	10	25.2	18	25.7
Prof. Level Degree	289	23.8	15	25.9	1	12.0	15	24.7	13	25.0
Other	22	19.1	1	35.0	0	.	1	33.0	0	.
No Response	529	20.1	9	26.3	0	.	23	19.4	155	21.4

Total Students in Report: 1,602

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	54	16	38	2	9	19	30	20	17	4
DELAWARE STATE UNIVERSITY	Delaware	40	15	25	25	38	28	8	3	0	0
MORGAN STATE UNIVERSITY	Maryland	36	11	25	17	39	42	3	0	0	0
VIRGINIA STATE UNIVERSITY	Virginia	31	7	24	16	32	42	10	0	0	0
HOWARD UNIVERSITY	District of Columbia	30	12	18	10	23	43	23	0	0	0
NCAA ELIGIBILITY CENTER	Indiana	25	15	10	8	12	36	16	8	20	0
BOWIE STATE UNIVERSITY	Maryland	23	3	20	26	30	35	9	0	0	0
CLARK ATLANTA UNIVERSITY	Georgia	23	7	16	4	48	35	13	0	0	0
GALLAUDET UNIVERSITY	District of Columbia	23	14	9	9	30	39	9	9	4	0
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	22	4	18	9	45	27	18	0	0	0
OLD DOMINION UNIVERSITY	Virginia	22	9	13	18	18	36	23	5	0	0
GEORGE MASON UNIVERSITY	Virginia	19	7	12	16	16	26	21	11	11	0
HAMPTON UNIVERSITY	Virginia	19	4	15	16	21	26	32	5	0	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	19	3	16	0	11	32	21	5	32	0
NATIONAL TECHNICAL INST FOR THE DEAF	New York	18	8	10	17	44	28	6	0	6	0
TEMPLE UNIVERSITY	Pennsylvania	18	6	12	0	17	33	39	11	0	0
TOWSON UNIVERSITY	Maryland	18	2	16	11	22	28	39	0	0	0
NORFOLK STATE UNIVERSITY	Virginia	17	7	10	35	41	12	12	0	0	0
NORTH CAROLINA CENTRAL UNIVERSITY	North Carolina	17	5	12	35	41	24	0	0	0	0
VIRGINIA COMMONWEALTH UNIVERSITY	Virginia	17	5	12	6	6	35	41	0	12	0
GEORGETOWN UNIVERSITY	District of Columbia	16	3	13	6	13	19	19	13	19	13
SYRACUSE UNIVERSITY	New York	16	3	13	6	6	13	44	13	19	0
UNIVERSITY OF DELAWARE	Delaware	16	3	13	6	13	19	38	6	19	0
UNIVERSITY OF VIRGINIA	Virginia	16	4	12	0	6	13	0	25	50	6
UNIVERSITY OF MARYLAND EASTERN SHORE	Maryland	15	5	10	20	13	60	7	0	0	0
RADFORD UNIVERSITY	Virginia	14	4	10	0	21	50	29	0	0	0
UNIVERSITY OF MIAMI	Florida	14	6	8	0	7	21	43	7	21	0
LINCOLN UNIVERSITY OF PA	Pennsylvania	13	5	8	8	23	69	0	0	0	0
WEST VIRGINIA UNIVERSITY	West Virginia	13	5	8	8	38	31	15	8	0	0
NORTHEASTERN UNIVERSITY	Massachusetts	12	3	9	0	0	0	0	50	50	0
All Other Institutions		984	264	720	7	17	20	20	17	16	4
Total		1,620	465	1,155	9	20	24	19	13	13	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: 1,602

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	1,350	1,108,908	21.4	21.0	6.9	6.9	20.5	20.2
Black/African American	579	136,380	16.0	16.3	6.0	6.0	15.8	15.9
American Indian/Alaska Native	6	7,142	14.5	16.5	6.2	5.9	14.7	16.0
White	361	567,060	28.8	22.8	8.1	7.1	27.1	21.8
Hispanic/Latino	146	196,970	21.0	18.4	7.3	6.7	20.6	18.1
Asian	34	68,736	25.7	23.9	7.9	7.6	24.6	23.0
Native Hawaiian/Other Pac. Isl.	2	4,070	15.0	18.0	6.5	6.5	15.5	17.6
Two or more races	53	45,517	21.9	21.3	6.6	6.9	20.6	20.4
Prefer not/No Response	169	83,033	23.3	20.8	6.8	6.7	21.8	19.9
Males	637	507,737	22.5	20.7	6.8	6.6	21.3	19.7
Females	713	590,537	20.3	21.4	6.9	7.1	19.8	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4

