

ACT Profile Report - State

Graduating Class 2013
South Dakota



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

32% 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: 6,723 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. 87% 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, 6% were college ready. 16% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 17% 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 7% of the cohort took less than three years of natural science courses. 22% of these students were college ready. In comparison, 48% 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 37% 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.

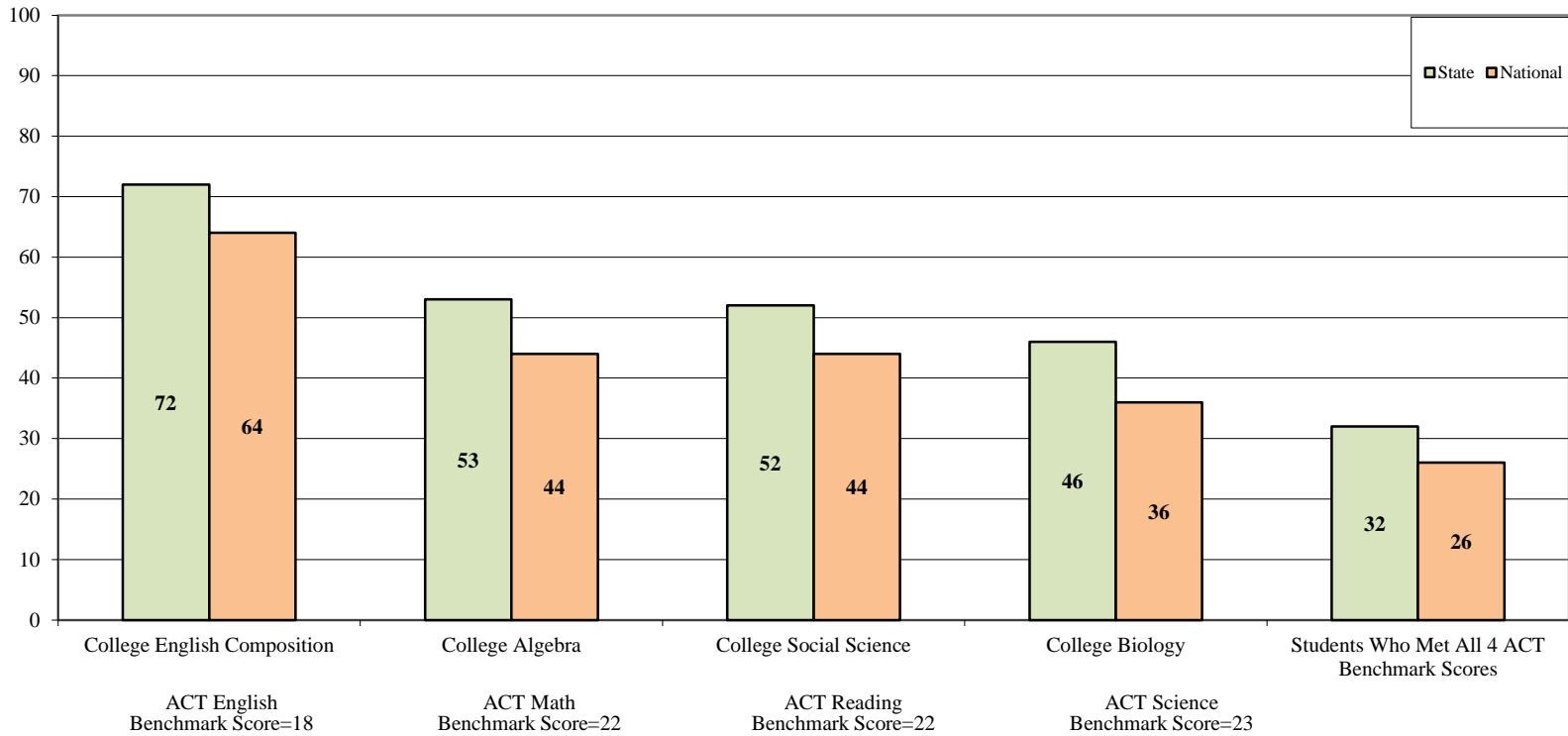
Section I

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: 6,723

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	6,676	1,480,469	74	67	49	42	60	53	36	28	28	23
2010	6,871	1,568,835	74	66	50	43	58	52	35	29	28	24
2011	6,983	1,623,112	72	66	52	45	58	52	37	30	29	25
2012	6,878	1,666,017	73	67	54	46	58	52	37	31	30	25
2013	6,723	1,799,243	72	64	53	44	52	44	46	36	32	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	6,676	1,480,469	21.2	20.6	21.8	21.0	22.3	21.4	22.0	20.9	22.0	21.1
2010	6,871	1,568,835	21.1	20.5	21.6	21.0	22.0	21.3	21.9	20.9	21.8	21.0
2011	6,983	1,623,112	21.0	20.6	21.8	21.1	22.0	21.3	22.1	20.9	21.8	21.1
2012	6,878	1,666,017	21.0	20.5	21.8	21.1	22.1	21.3	22.0	20.9	21.8	21.1
2013	6,723	1,799,243	20.9	20.2	21.8	20.9	22.1	21.1	22.1	20.7	21.9	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: 6,723

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	5,144	1,448	77	22	22.1	18.5	22.6	19.0	23.0	20.0	22.7	19.7	22.7	19.4
2010	5,890	895	86	13	21.7	17.7	22.1	18.4	22.5	19.1	22.4	19.1	22.3	18.7
2011	6,025	874	86	13	21.6	17.4	22.3	18.7	22.5	19.0	22.5	19.1	22.4	18.7
2012	5,995	835	87	12	21.6	17.4	22.3	18.7	22.5	19.0	22.4	19.1	22.3	18.7
2013	5,877	761	87	11	21.4	18.0	22.2	19.2	22.5	19.7	22.4	19.6	22.3	19.2

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	6,676	100	22.0	6,871	100	21.8	6,983	100	21.8	6,878	100	21.8	6,723	100	21.9
Black/African American	59	1	17.3	85	1	18.4	85	1	17.7	100	1	17.7	84	1	17.6
American Indian/Alaska Native	424	6	17.6	495	7	17.1	483	7	16.7	416	6	16.2	414	6	17.0
White	5,726	86	22.4	5,850	85	22.3	5,836	84	22.4	5,675	83	22.4	5,502	82	22.4
Hispanic/Latino	73	1	20.9	87	1	19.5	169	2	19.6	208	3	20.0	195	3	20.4
Asian	62	1	22.8	70	1	22.8	71	1	23.7	101	1	21.9	103	2	20.3
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	6	0	15.5	9	0	18.1	9	0	18.7
Two or more races	90	1	21.6	84	1	21.7	153	2	20.6	230	3	20.3	260	4	21.1
Prefer not to respond/No response	242	4	21.3	200	3	20.7	180	3	21.9	139	2	23.0	156	2	22.1

Total Students in Report: 6,723

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%	0% 1%	3% 8%	3% 7%
13-15	11% 13%	8% 14%	9% 13%	5% 10%
16-19	20% 18%	29% 33%	22% 21%	19% 23%
20-23	31% 25%	24% 19%	28% 24%	35% 30%
24-27	18% 16%	28% 21%	19% 15%	27% 20%
28-32	9% 10%	9% 9%	15% 13%	9% 8%
33-36	3% 5%	2% 3%	4% 5%	2% 2%
% At or Above Benchmark	72% 64%	53% 44%	52% 44%	46% 36%

■ = State

■ = National

Total Students in Report: 6,723

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	6,638	99	21.0	21.8	22.2	22.1	21.9
	Extended Time	85	1	15.9	17.7	18.3	18.9	17.8
	Total	6,723	100	20.9	21.8	22.1	22.1	21.9
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	73	53	52	46	32
	Extended Time	26	19	27	20	13
	Total	72	53	52	46	32
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: 6,723

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	20	100	10	100	42	100	19	100	1	100	36
35	42	100	23	100	29	99	30	100	10	100	35
34	83	99	48	100	95	99	42	99	31	100	34
33	89	98	47	99	127	98	29	99	48	99	33
32	76	97	47	98	123	96	78	98	64	99	32
31	105	95	69	97	227	94	90	97	100	98	31
30	121	94	130	96	198	90	106	96	150	96	30
29	114	92	146	94	213	87	145	94	171	94	29
28	184	90	220	92	262	84	178	92	222	91	28
27	177	88	364	89	240	80	257	89	285	88	27
26	295	85	478	84	257	77	297	86	335	84	26
25	384	81	477	76	266	73	586	81	458	79	25
24	372	75	562	69	522	69	693	72	598	72	24
23	447	69	481	61	415	61	518	62	468	63	23
22	490	63	446	54	447	55	619	54	524	56	22
21	514	55	371	47	545	48	715	45	558	48	21
20	653	48	313	42	444	40	492	35	551	40	20
19	360	38	414	37	416	34	458	27	479	32	19
18	330	33	418	31	419	28	390	20	470	25	18
17	291	28	566	25	289	21	262	15	337	18	17
16	347	23	547	16	329	17	192	11	295	13	16
15	349	18	335	8	255	12	146	8	197	8	15
14	226	13	134	3	176	8	117	6	168	6	14
13	163	10	56	1	155	6	94	4	114	3	13
12	134	7	18	1	115	3	78	3	65	1	12
11	132	5	2	1	66	2	42	1	17	1	11
10	105	3	1	1	24	1	24	1	3	1	10
9	53	2	0	1	13	1	21	1	4	1	9
8	48	1	0	1	8	1	3	1	0	1	8
7	15	1	0	1	3	1	2	1	0	1	7
6	2	1	0	1	1	1	0	1	0	1	6
5	1	1	0	1	1	1	0	1	0	1	5
4	1	1	0	1	1	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)	20.9 (5.7)		21.8 (4.8)		22.1 (5.7)		22.1 (4.6)		21.9 (4.6)		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: 6,723

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	172	100	75	100	163	100	173	100	277	100	17	100	49	100	18
17	288	97	49	99	353	98	244	97	299	96	58	100	18	99	17
16	251	93	325	98	384	92	363	94	285	91	127	99	212	99	16
15	271	89	361	93	454	87	475	88	471	87	359	97	396	96	15
14	406	85	509	88	580	80	539	81	526	80	613	92	653	90	14
13	382	79	671	80	661	71	579	73	746	72	913	83	635	80	13
12	556	74	882	70	814	61	607	65	807	61	826	69	1,148	71	12
11	832	65	746	57	686	49	799	56	675	49	979	57	734	54	11
10	825	53	722	46	646	39	709	44	677	39	1,016	42	758	43	10
9	780	41	861	35	658	29	517	33	462	29	682	27	891	32	9
8	545	29	570	23	522	20	595	26	548	22	546	17	574	18	8
7	485	21	375	14	418	12	421	17	531	14	291	9	271	10	7
6	345	14	219	9	215	6	305	10	250	6	139	4	201	6	6
5	270	9	187	5	84	3	256	6	104	3	82	2	65	3	5
4	168	5	126	3	44	1	98	2	42	1	30	1	88	2	4
3	106	2	35	1	27	1	35	1	21	1	28	1	3	1	3
2	37	1	10	1	12	1	7	1	1	1	3	1	17	1	2
1	4	1	0	1	2	1	1	1	1	1	14	1	10	1	1
Avg (SD)	10.4 (3.6)		10.8 (3.1)		11.5 (3.3)		11.1 (3.5)		11.5 (3.4)		11.0 (2.6)		11.0 (2.8)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	25	26	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	17	18	18	19	19

Total Students in Report: 6,723

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	6,723	87	22.3	19.2
	Black/African American	84	75	18.5	15.2
	American Indian/Alaska Native	414	83	17.2	15.9
	White	5,502	89	22.8	19.8
	Hispanic/Latino	195	83	20.8	18.7
	Asian	103	87	20.5	18.5
	Native Hawaiian/Other Pac. Isl.	9	89	18.9	17.0
	Two or more races	260	86	21.5	19.0
	Prefer not/No Response	156	72	23.6	19.5
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	20.9	21.8	22.1	22.1	21.9
	Black/African American	15.5	18.8	17.3	18.2	17.6
	American Indian/Alaska Native	15.2	17.0	17.7	17.3	17.0
	White	21.6	22.3	22.7	22.6	22.4
	Hispanic/Latino	19.2	20.3	20.9	20.8	20.4
	Asian	18.4	21.5	19.9	20.8	20.3
	Native Hawaiian/Other Pac. Isl.	16.2	19.1	19.0	19.4	18.7
	Two or more races	20.1	20.9	21.7	21.4	21.1
	Prefer not/No Response	20.8	21.8	22.9	22.2	22.1
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: 6,723

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	234	3	128	2	293	4	120	2
	28 to 32	600	9	612	9	1,023	15	597	9
	24 to 27	1,228	18	1,881	28	1,285	19	1,833	27
	20 to 23	2,104	31	1,611	24	1,851	28	2,344	35
	16 to 19	1,328	20	1,945	29	1,453	22	1,302	19
	13 to 15	738	11	525	8	586	9	357	5
	01 to 12	491	7	21	0	232	3	170	3
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	3,070	46	20.7	22.5	22.2	22.9	22.2
	Females	3,653	54	21.0	21.2	22.1	21.4	21.5
	Missing	0	0
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	71	58	51	53	36
	Females	73	48	52	40	28
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	5,877	76	21.4	56	22.2	54	22.5	49	22.4	34	22.3
	Less than Core	761	51	18.0	29	19.2	34	19.7	25	19.6	14	19.2
	Missing ³	85	24	15.2	19	17.7	25	17.7	20	18.5	11	17.4
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	6,470	73	21.0	6,409	55	22.0	6,547	52	22.2	6,197	48	22.3
	Less than Core	172	63	19.7	231	6	16.4	95	32	19.5	444	22	19.4
	Missing ³	81	22	15.2	83	18	17.7	81	25	17.7	82	18	18.4
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

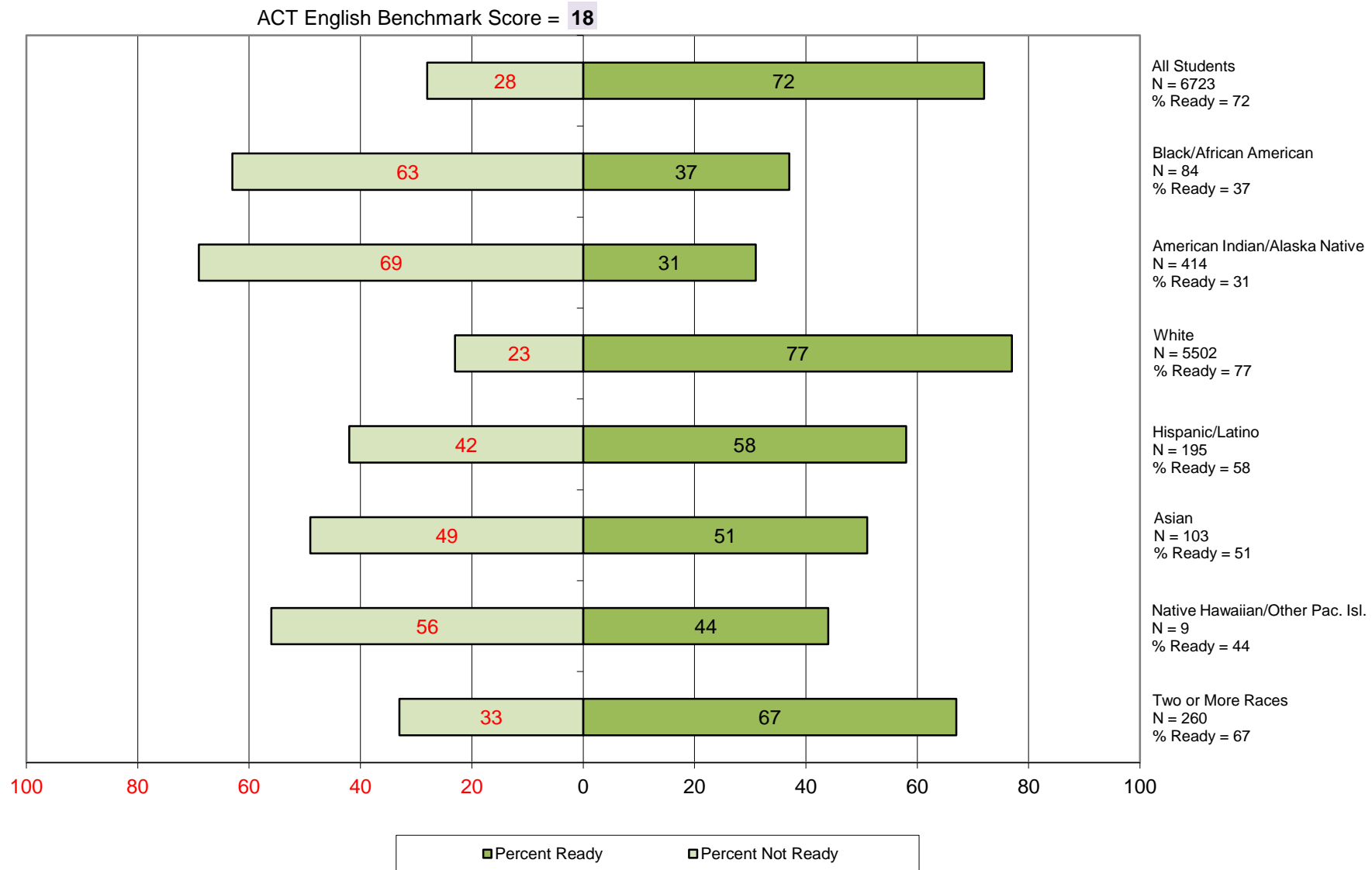


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

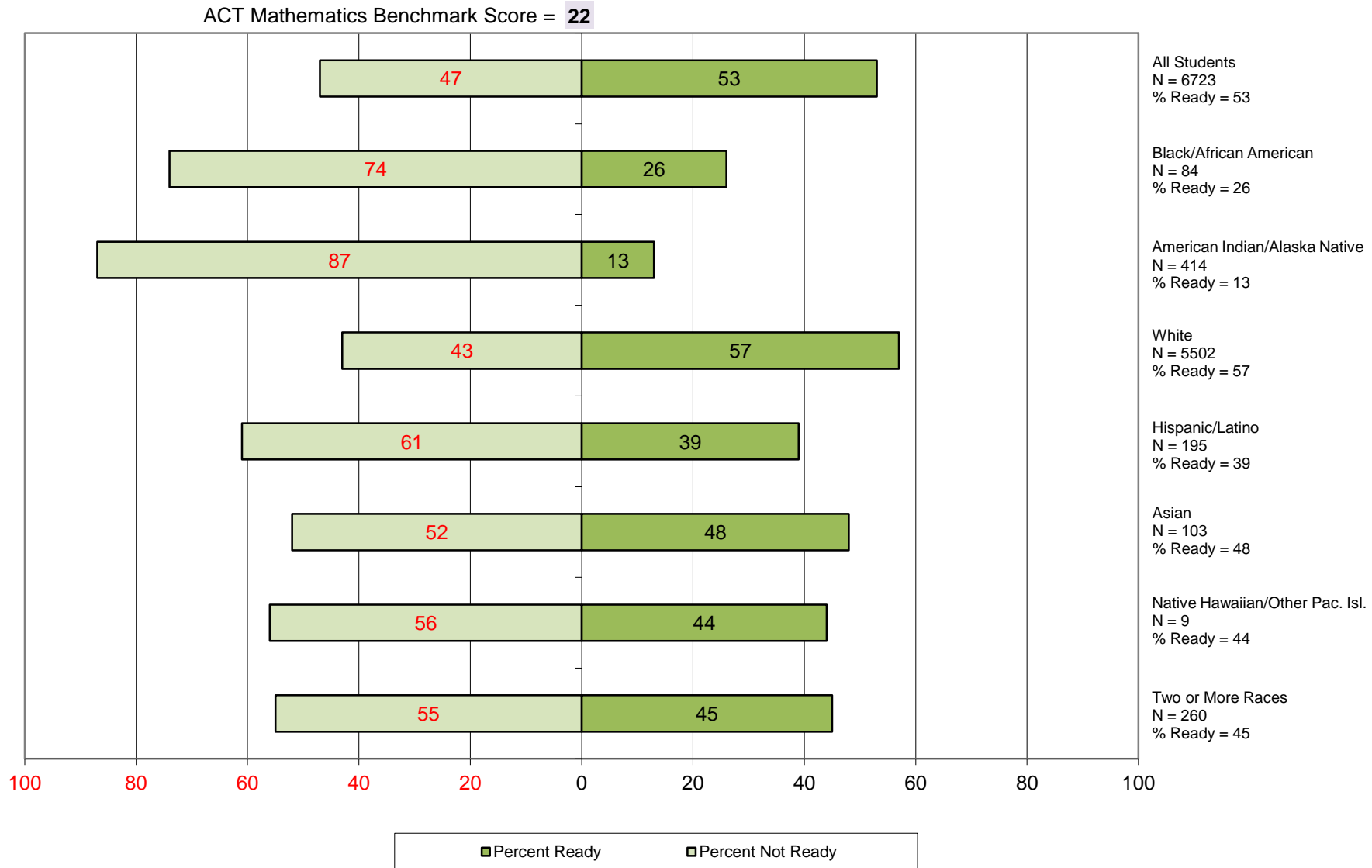


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

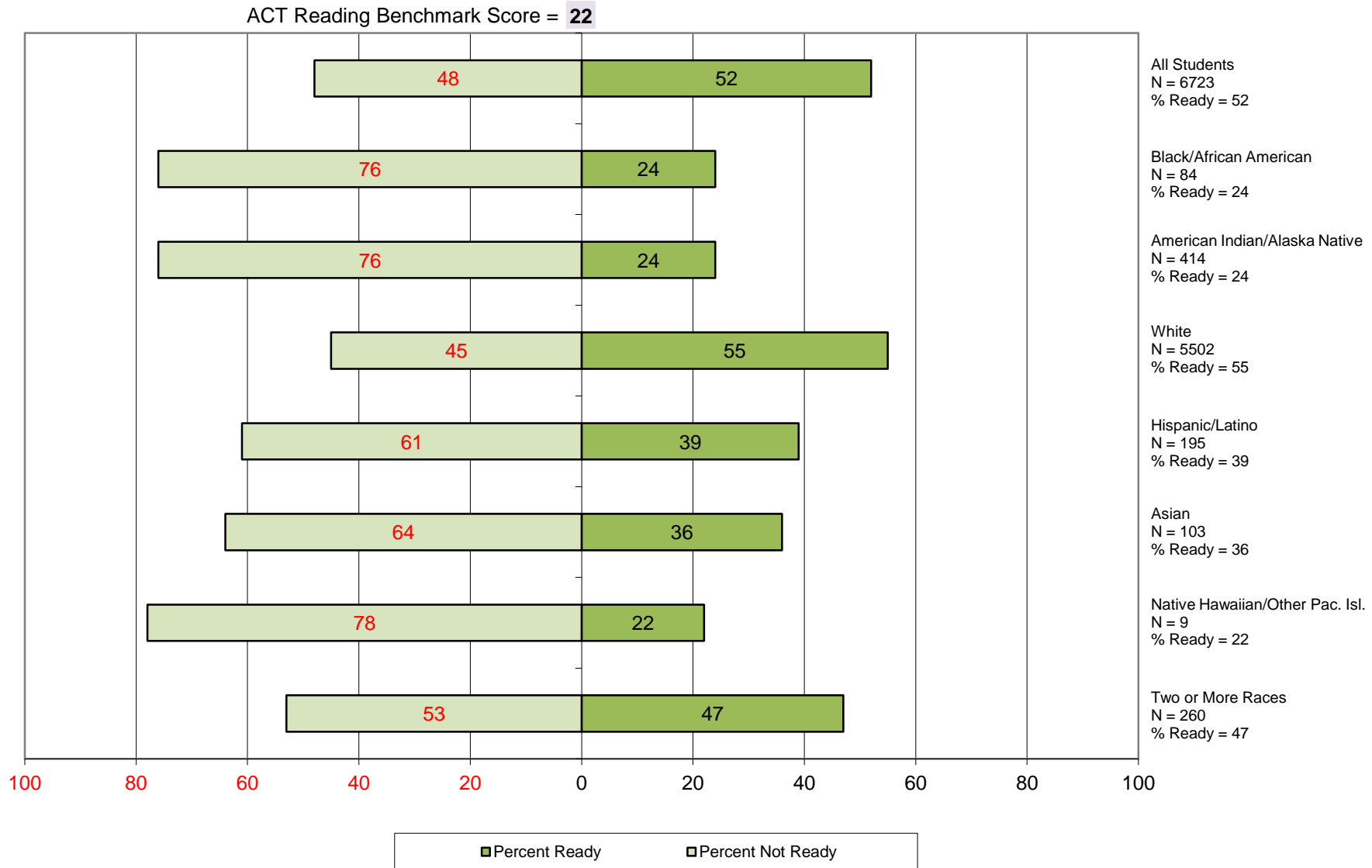


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

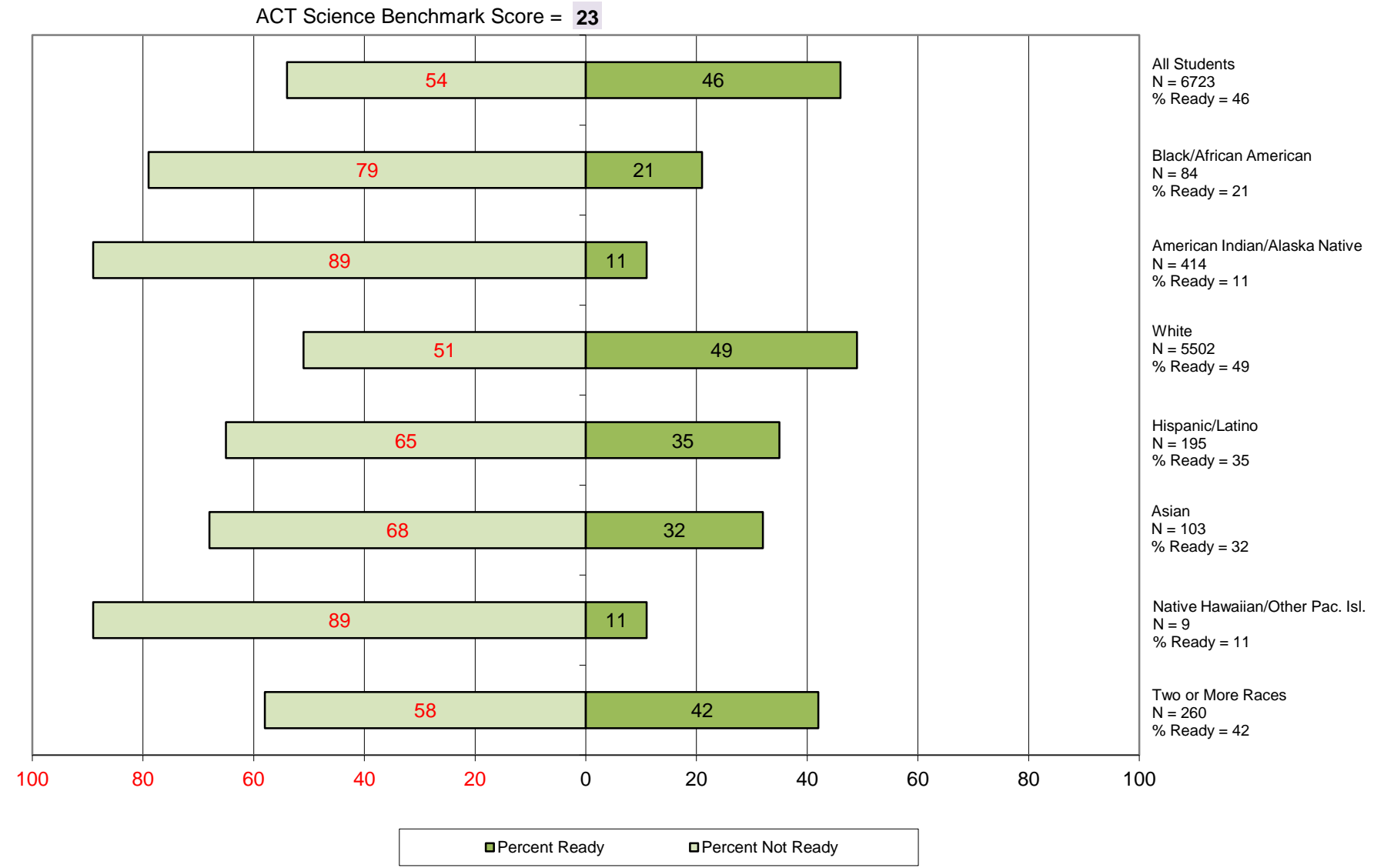
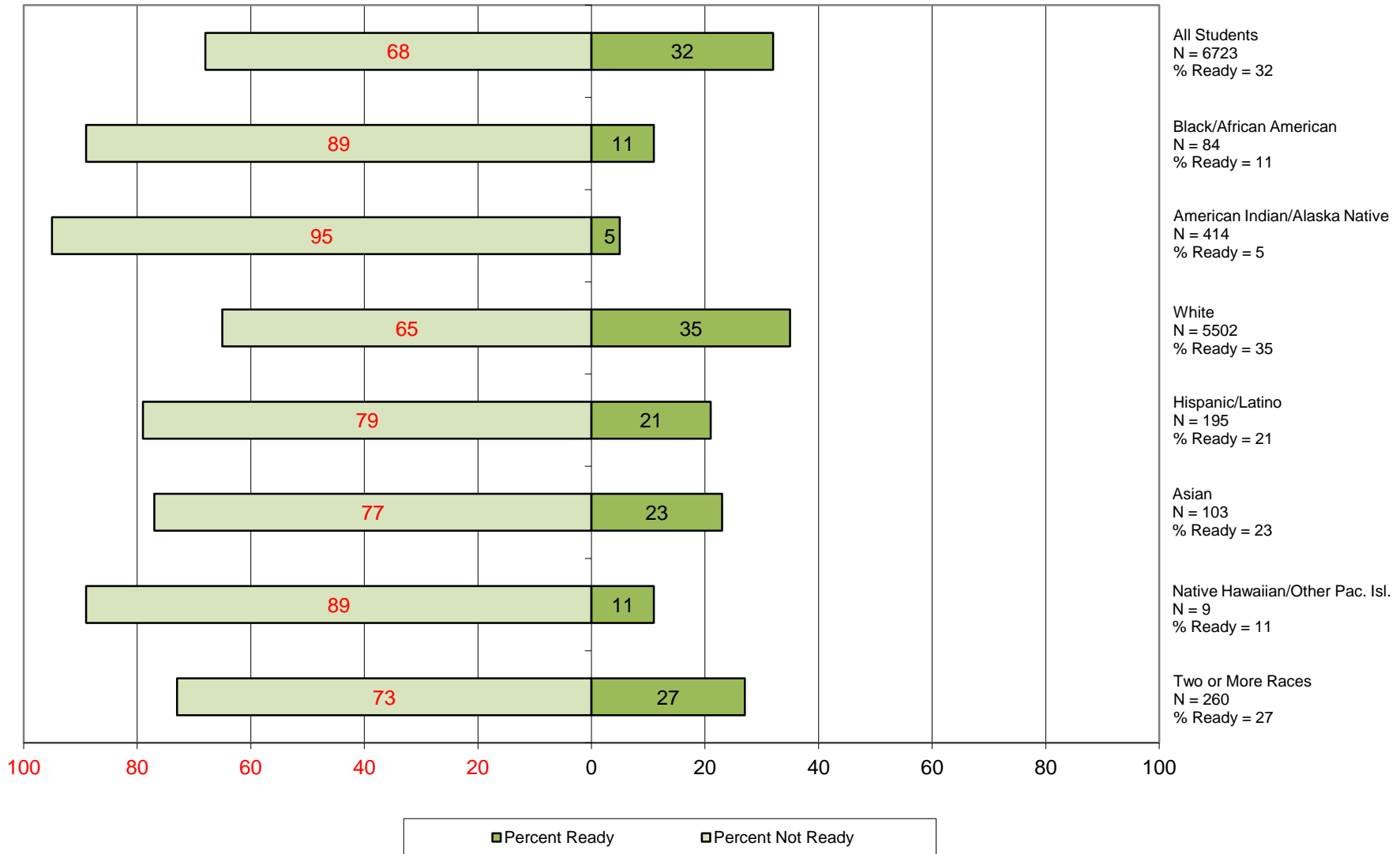


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 6,723

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	1,762	26	22.2	2.5	695	23	22.3	3.6	1,067	29	22.1	1.5
Eng 9, Eng 10, Eng 11, Eng 12	4,708	70	20.6	0.9	2,256	73	20.4	1.7	2,452	67	20.7	0.1
Less than 4 years of English	172	3	19.7	-	79	3	18.7	-	93	3	20.6	-
Zero years / no English courses reported	81	1	15.2	-	40	1	16.4	-	41	1	14.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	342	5	24.9	8.5	179	6	25.8	8.7	163	4	23.9	8.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	505	8	22.4	6.0	174	6	23.1	6.0	331	9	22.1	6.4
Alg 1, Alg 2, Geom, & Trig	389	6	21.0	4.6	175	6	21.4	4.3	214	6	20.7	5.0
Alg 1, Alg 2, Geom, & Other Adv Math	1,147	17	21.7	5.3	479	16	22.0	4.9	668	18	21.4	5.7
Other comb of 4 or more years of Math	2,456	37	24.1	7.7	1,170	38	25.0	7.9	1,286	35	23.3	7.6
Alg 1, Alg 2, & Geom	1,094	16	18.1	1.7	509	17	18.8	1.7	585	16	17.5	1.8
Other comb of 3 or 3.5 years of Math	476	7	19.7	3.3	223	7	20.5	3.4	253	7	19.0	3.3
Less than 3 years of Math	231	3	16.4	-	119	4	17.1	-	112	3	15.7	-
Zero years / no Math courses reported	83	1	17.7	-	42	1	19.0	-	41	1	16.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	29	0	19.0	-0.5	19	1	17.4	-1.7	10	0	22.1	2.2
Other comb of 4 or more years Social Science	4,993	74	22.6	3.1	2,240	73	22.7	3.6	2,753	75	22.5	2.6
US Hist, World Hist, & Am Gov	86	1	20.2	0.7	43	1	20.1	1.0	43	1	20.3	0.4
Other comb of 3 or 3.5 years of Social Science	1,439	21	21.3	1.8	680	22	21.3	2.2	759	21	21.2	1.3
Less than 3 years of Social Science	95	1	19.5	-	49	2	19.1	-	46	1	19.9	-
Zero years / no Social Science courses reported	81	1	17.7	-	39	1	19.5	-	42	1	16.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	2,649	39	23.3	3.9	1,371	45	24.3	4.6	1,278	35	22.2	3.2
Bio, Chem, Phys	248	4	25.5	6.1	128	4	26.1	6.4	120	3	24.9	5.9
Gen Sci ² , Bio, Chem	3,001	45	21.2	1.8	1,107	36	21.7	2.0	1,894	52	21.0	2.0
Other comb of 3 years of Natural Science	299	4	21.5	2.1	185	6	22.1	2.4	114	3	20.4	1.4
Less than 3 years of Natural Science	444	7	19.4	-	239	8	19.7	-	205	6	19.0	-
Zero years / no Natural Science courses reported	82	1	18.4	-	40	1	19.9	-	42	1	17.0	-

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: 6,723

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	1,762	26	22.2	78	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	4,708	70	20.6	71	1,265,911	70	20.3	65
Less than 4 years of English	172	3	19.7	63	84,048	5	15.9	36
Zero years / no English courses reported	81	1	15.2	22	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	342	5	24.9	80	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	505	8	22.4	63	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	389	6	21.0	48	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	1,147	17	21.7	53	336,291	19	19.6	32
Other comb of 4 or more years of Math	2,456	37	24.1	73	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	1,094	16	18.1	17	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	476	7	19.7	32	88,866	5	19.7	34
Less than 3 years of Math	231	3	16.4	6	77,906	4	16.3	7
Zero years / no Math courses reported	83	1	17.7	18	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	29	0	19.0	31	50,989	3	22.2	51
Other comb of 4 or more years Social Science	4,993	74	22.6	55	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	86	1	20.2	34	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	1,439	21	21.3	45	489,586	27	21.0	43
Less than 3 years of Social Science	95	1	19.5	32	171,617	10	19.1	32
Zero years / no Social Science courses reported	81	1	17.7	25	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	2,649	39	23.3	57	767,293	43	21.9	46
Bio, Chem, Phys	248	4	25.5	76	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	3,001	45	21.2	38	504,165	28	19.9	28
Other comb of 3 years of Natural Science	299	4	21.5	42	51,822	3	19.1	25
Less than 3 years of Natural Science	444	7	19.4	22	218,267	12	18.0	17
Zero years / no Natural Science courses reported	82	1	18.4	18	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.

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	286	4	20.4	66	11	19.0	208	4	20.9
Architecture	92	1	21.4	13	2	16.9	78	1	22.1
Area, Ethnic, & Multidisciplinary Studies	7	0	21.9	0	0	.	7	0	21.9
Arts: Visual & Performing	336	5	21.5	26	4	18.3	287	5	21.9
Business	484	7	21.4	55	9	18.0	403	7	21.8
Communications	77	1	21.4	6	1	17.8	67	1	21.7
Community, Family, & Personal Services	145	2	19.5	26	4	18.4	110	2	20.0
Computer Science & Mathematics	177	3	22.8	23	4	19.5	140	2	23.4
Education	497	7	21.1	16	3	16.0	463	8	21.4
Engineering	395	6	24.2	11	2	17.0	367	6	24.5
Engineering Technology & Drafting	70	1	21.1	24	4	19.5	42	1	22.4
English & Foreign Languages	68	1	23.7	2	0	12.5	64	1	24.1
Health Administration & Assisting	199	3	19.4	27	4	18.2	165	3	19.8
Health Sciences & Technologies	1,549	23	22.1	87	14	18.5	1,416	25	22.4
Philosophy, Religion, & Theology	44	1	22.5	1	0	23.0	39	1	23.0
Repair, Production, & Construction	145	2	19.2	106	17	18.9	30	1	20.4
Sciences: Biological & Physical	445	7	24.3	10	2	18.9	423	7	24.4
Social Sciences & Law	411	6	22.2	20	3	18.8	369	6	22.4
Undecided	1,237	18	21.8	94	15	18.0	1,024	18	22.4
No Response	59	1	17.3	7	1	15.6	14	0	19.7

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: 6,723

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	181	18.6	3	16.0	11	14.0	149	18.9	5	17.0
2-yr College Degree	439	18.3	3	15.7	39	15.7	354	18.8	13	16.5
Bachelors Degree	3,858	21.4	42	16.7	223	17.3	3,226	21.8	114	20.2
Graduate Study	641	24.3	4	21.5	20	20.1	558	24.6	10	23.3
Prof. Level Degree	1,217	24.5	22	20.2	59	18.0	981	25.0	38	22.8
Other	100	19.3	1	14.0	9	14.0	76	20.3	4	18.3
No Response	287	20.0	9	15.3	53	15.2	158	22.2	11	18.9

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	181	18.6	0	.	1	11.0	9	20.8	3	17.7
2-yr College Degree	439	18.3	7	16.9	0	.	18	17.6	5	19.4
Bachelors Degree	3,858	21.4	46	18.2	3	19.0	134	20.4	70	21.9
Graduate Study	641	24.3	9	23.1	2	18.0	25	22.8	13	27.2
Prof. Level Degree	1,217	24.5	29	24.2	1	27.0	58	23.8	29	24.9
Other	100	19.3	3	16.7	1	17.0	5	18.6	1	16.0
No Response	287	20.0	9	19.1	1	20.0	11	18.5	35	19.3

Total Students in Report: 6,723

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
SOUTH DAKOTA STATE UNIVERSITY	South Dakota	2,242	1,030	1,212	0	4	19	35	30	11	1
UNIVERSITY OF SOUTH DAKOTA	South Dakota	1,591	593	998	1	5	20	35	29	10	1
BLACK HILLS STATE UNIVERSITY	South Dakota	660	269	391	1	10	27	35	21	5	0
NORTHERN STATE UNIVERSITY	South Dakota	533	187	346	1	4	27	33	26	9	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	397	112	285	0	1	6	24	39	26	5
AUGUSTANA COLLEGE	South Dakota	392	128	264	0	3	11	28	34	22	3
SOUTH DAKOTA SCH OF MINES/TECH	South Dakota	384	148	236	1	3	9	25	36	22	4
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	382	100	282	0	2	8	26	37	24	3
DAKOTA STATE UNIVERSITY	South Dakota	376	143	233	1	5	24	36	26	7	1
UNIVERSITY OF SIOUX FALLS	South Dakota	376	97	279	1	4	22	34	27	13	0
LAKE AREA TECHNICAL INSTITUTE	South Dakota	299	159	140	1	11	40	30	16	2	0
SOUTHEAST TECHNICAL INSTITUTE	South Dakota	251	79	172	1	12	33	37	16	1	0
MITCHELL TECHNICAL INSTITUTE	South Dakota	229	86	143	0	12	41	31	14	2	0
DAKOTA WESLEYAN UNIVERSITY	South Dakota	224	69	155	1	3	28	34	28	6	0
NORTH DAKOTA STATE UNIVERSITY	North Dakota	222	38	184	0	3	14	36	35	11	2
MINNESOTA STATE UNIVERSITY MANKATO	Minnesota	217	49	168	0	1	19	43	30	6	0
MOUNT MARTY COLLEGE	South Dakota	122	28	94	1	6	25	34	26	8	0
NCAA ELIGIBILITY CENTER	Indiana	111	32	79	0	2	16	31	38	12	2
UNIVERSITY OF NORTH DAKOTA	North Dakota	110	32	78	0	4	14	27	39	15	2
SOUTHWEST MINNESOTA STATE UNIVERSITY	Minnesota	100	27	73	0	1	26	42	22	9	0
WESTERN DAKOTA TECHNICAL INSTITUTE	South Dakota	96	33	63	3	15	41	28	11	2	0
UNIVERSITY OF MINNESOTA-MORRIS	Minnesota	87	25	62	0	13	16	34	25	10	1
IOWA STATE UNIVERSITY	Iowa	83	24	59	0	2	6	27	39	19	7
CHADRON STATE COLLEGE	Nebraska	80	27	53	5	18	18	38	21	1	0
CREIGHTON UNIVERSITY	Nebraska	79	24	55	0	3	14	16	38	25	4
MINNESOTA STATE UNIVERSITY MOORHEAD	Minnesota	70	16	54	0	3	20	43	26	9	0
PRESENTATION COLLEGE	South Dakota	70	28	42	1	10	37	31	16	4	0
COLORADO STATE UNIVERSITY	Colorado	60	17	43	2	0	5	25	40	27	2
NORTHWESTERN COLLEGE	Iowa	60	17	43	0	3	18	28	30	20	0
UNIVERSITY OF IOWA	Iowa	60	14	46	0	3	10	18	33	30	5
All Other Institutions		3,097	832	2,265	1	8	16	25	26	20	4
Total		13,060	4,463	8,597	1	6	19	31	28	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: 6,723

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	1,392	942,769	23.4	21.3	7.1	7.0	22.1	20.5
Black/African American	22	114,751	18.0	16.3	6.7	6.1	17.9	16.0
American Indian/Alaska Native	120	6,031	16.7	16.8	5.6	6.1	15.9	16.4
White	1,046	518,407	24.5	22.9	7.3	7.2	23.2	21.9
Hispanic/Latino	47	151,504	19.9	18.6	6.3	6.8	18.8	18.3
Asian	36	54,580	20.7	23.5	7.0	7.6	20.1	22.7
Native Hawaiian/Other Pac. Isl.	3	2,812	18.7	19.5	6.7	6.9	18.3	19.2
Two or more races	73	35,355	22.5	21.5	6.9	7.0	21.3	20.6
Prefer not/No Response	45	59,329	24.8	21.8	7.1	7.1	23.2	20.9
Males	612	423,104	23.6	21.0	6.9	6.7	22.1	20.1
Females	780	513,945	23.2	21.6	7.2	7.2	22.2	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5

