

ACT Profile Report - State

Graduating Class 2014

South Dakota



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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

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: 6,724 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. 89% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 2% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 18% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 61% 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 6% of the cohort took less than three years of natural science courses. 27% of these students were college ready. In comparison, 47% 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 38% 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

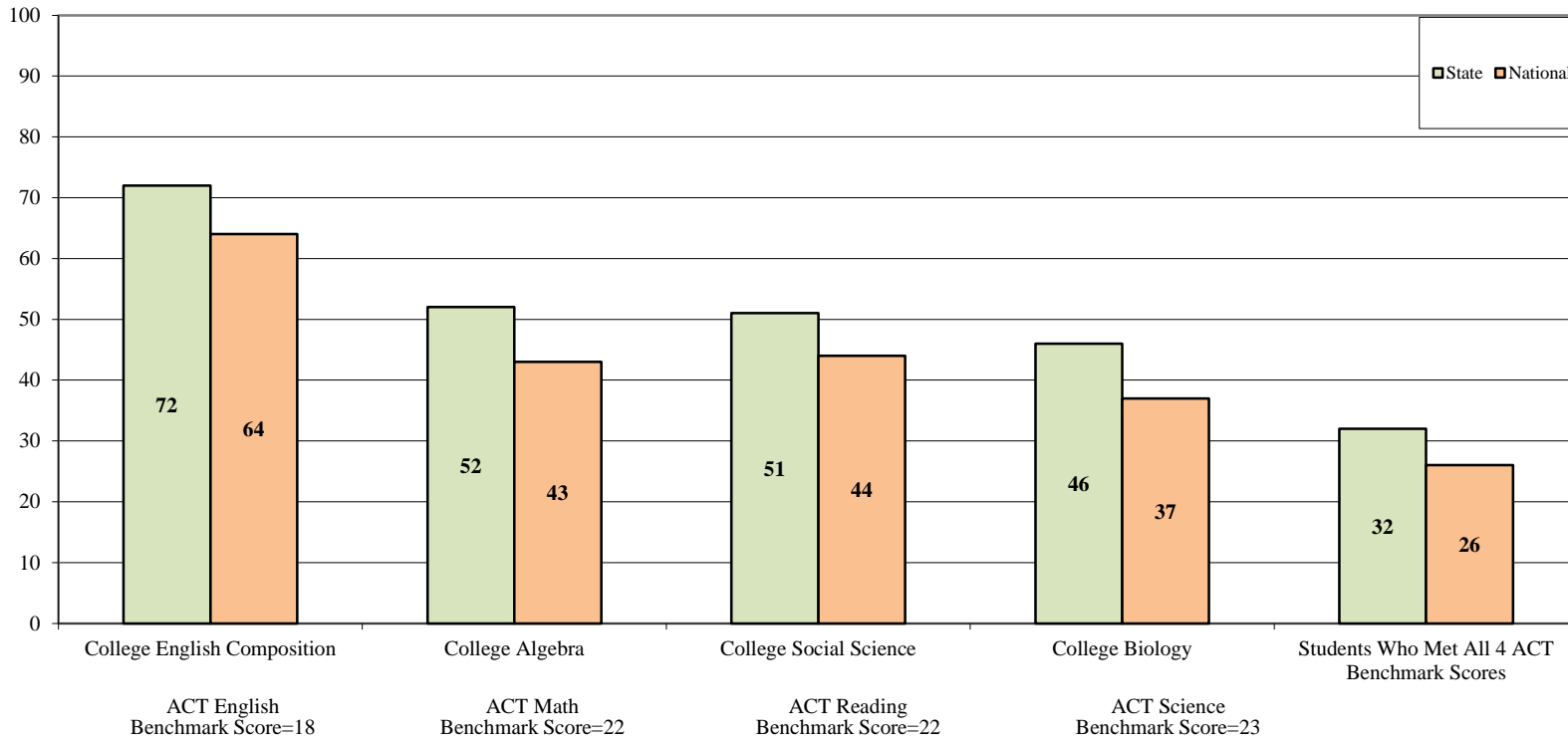
Executive Summary

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: 6,724

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	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
2014	6,724	1,845,787	72	64	52	43	51	44	46	37	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
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
2014	6,724	1,845,787	21.0	20.3	21.8	20.9	22.3	21.3	22.1	20.8	21.9	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

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	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
2014	5,952	688	89	10	21.3	18.4	22.2	19.3	22.6	20.2	22.4	19.9	22.3	19.6

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.

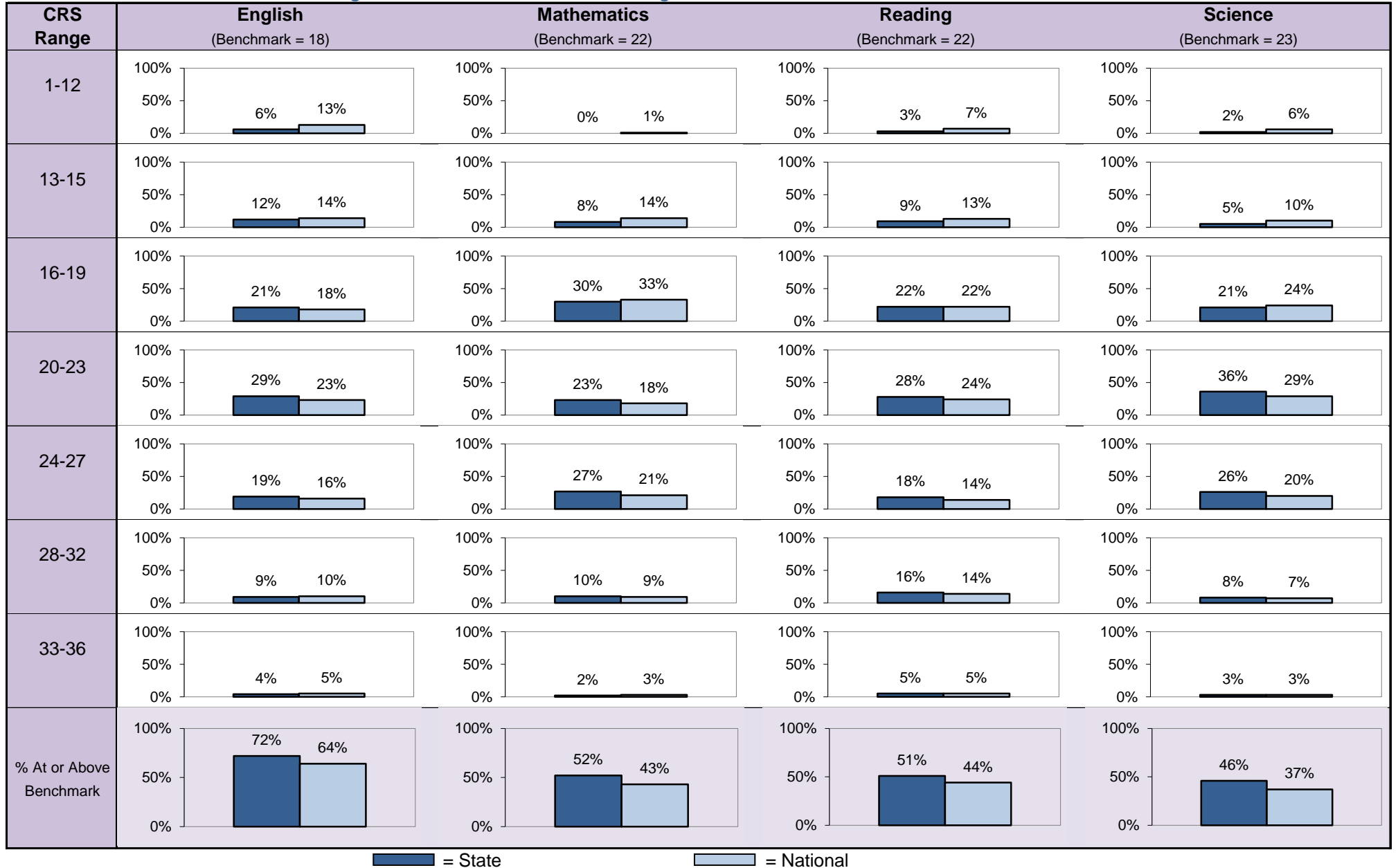
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	6,871	100	21.8	6,983	100	21.8	6,878	100	21.8	6,723	100	21.9	6,724	100	21.9
Black/African American	85	1	18.4	85	1	17.7	100	1	17.7	84	1	17.6	81	1	17.0
American Indian/Alaska Native	495	7	17.1	483	7	16.7	416	6	16.2	414	6	17.0	439	7	16.9
White	5,850	85	22.3	5,836	84	22.4	5,675	83	22.4	5,502	82	22.4	5,468	81	22.5
Hispanic/Latino	87	1	19.5	169	2	19.6	208	3	20.0	195	3	20.4	200	3	19.8
Asian	70	1	22.8	71	1	23.7	101	1	21.9	103	2	20.3	80	1	22.2
Native Hawaiian/Other Pacific Islander	0	0	.	6	0	15.5	9	0	18.1	9	0	18.7	5	0	17.6
Two or more races	84	1	21.7	153	2	20.6	230	3	20.3	260	4	21.1	278	4	20.7
Prefer not to respond/No response	200	3	20.7	180	3	21.9	139	2	23.0	156	2	22.1	173	3	22.9

Total Students in Report: 6,724

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



Total Students in Report: 6,724

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	6,635	99	21.0	21.9	22.3	22.2	22.0
	Extended Time	89	1	17.2	17.9	19.8	19.6	18.7
	Total	6,724	100	21.0	21.8	22.3	22.1	21.9
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	72	52	51	46	33
	Extended Time	42	17	39	20	12
	Total	72	52	51	46	32
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: 6,724

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	16	100	12	100	45	100	28	100	4	100	36
35	53	100	17	100	35	99	49	100	15	100	35
34	95	99	55	100	92	99	54	99	31	100	34
33	94	98	48	99	140	97	48	98	58	99	33
32	77	96	60	98	194	95	83	97	82	98	32
31	77	95	67	97	201	92	97	96	108	97	31
30	134	94	125	96	216	89	108	95	145	96	30
29	135	92	193	94	219	86	93	93	174	93	29
28	184	90	249	91	230	83	178	92	237	91	28
27	236	87	337	88	261	80	289	89	301	87	27
26	262	84	502	83	267	76	276	85	333	83	26
25	338	80	451	75	274	72	525	81	482	78	25
24	434	75	537	69	405	68	630	73	547	71	24
23	409	68	465	61	438	62	627	63	380	63	23
22	483	62	370	54	411	55	600	54	552	57	22
21	523	55	362	48	646	49	598	45	563	49	21
20	529	47	337	43	401	39	565	36	499	40	20
19	405	39	382	38	495	33	567	28	523	33	19
18	351	33	444	32	334	26	343	19	517	25	18
17	292	28	589	25	331	21	282	14	375	17	17
16	335	24	594	17	301	16	187	10	267	12	16
15	393	19	353	8	225	12	154	7	204	8	15
14	252	13	123	3	206	8	112	5	162	5	14
13	191	9	39	1	159	5	86	3	89	2	13
12	137	6	9	1	89	3	51	2	50	1	12
11	120	4	2	1	64	2	48	1	19	1	11
10	83	3	0	1	24	1	30	1	5	1	10
9	45	1	0	1	11	1	11	1	1	1	9
8	29	1	2	1	2	1	4	1	0	1	8
7	10	1	0	1	6	1	0	1	0	1	7
6	1	1	0	1	1	1	0	1	1	1	6
5	1	1	0	1	0	1	1	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	1	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)	21.0 (5.7)		21.8 (4.8)		22.3 (5.7)		22.1 (4.7)		21.9 (4.7)		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: 6,724

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	201	100	51	100	143	100	179	100	207	100	29	100	41	100	18
17	287	97	73	99	336	98	358	97	310	97	59	100	28	99	17
16	238	93	272	98	468	93	404	92	379	92	158	99	258	99	16
15	360	89	443	94	382	86	406	86	349	87	406	96	394	95	15
14	305	84	516	88	705	80	438	80	657	81	635	90	611	89	14
13	572	79	648	80	683	70	547	73	778	72	860	81	710	80	13
12	504	71	699	70	747	60	654	65	809	60	899	68	849	70	12
11	759	63	877	60	712	48	732	56	564	48	714	55	891	57	11
10	804	52	759	47	669	38	653	45	558	40	1,099	44	873	44	10
9	751	40	835	35	541	28	846	35	580	31	697	28	934	31	9
8	559	29	616	23	630	20	401	22	635	23	570	17	545	17	8
7	464	21	358	14	356	11	448	16	492	13	287	9	282	9	7
6	378	14	235	9	196	5	268	10	248	6	148	5	130	5	6
5	291	8	209	5	101	2	242	6	110	2	76	2	82	3	5
4	149	4	101	2	32	1	107	2	28	1	35	1	49	1	4
3	78	2	22	1	9	1	29	1	13	1	48	1	21	1	3
2	21	1	10	1	11	1	10	1	6	1	2	1	13	1	2
1	3	1	0	1	3	1	2	1	1	1	2	1	13	1	1
Avg (SD)	10.5 (3.6)		10.8 (3.0)		11.6 (3.2)		11.1 (3.5)		11.5 (3.3)		11.0 (2.7)		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	17	18	19	18

Total Students in Report: 6,724

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	6,724	89	22.3	19.6
	Black/African American	81	84	17.2	16.1
	American Indian/Alaska Native	439	84	17.1	15.7
	White	5,468	90	22.8	20.3
	Hispanic/Latino	200	84	20.3	17.8
	Asian	80	84	22.8	18.7
	Native Hawaiian/Other Pac. Isl.	5	60	18.3	16.5
	Two or more races	278	85	21.0	19.0
	Prefer not/No Response	173	72	24.0	21.5
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	21.0	21.8	22.3	22.1	21.9
	Black/African American	15.3	17.9	16.9	17.4	17.0
	American Indian/Alaska Native	15.2	17.1	17.5	17.4	16.9
	White	21.7	22.4	22.8	22.7	22.5
	Hispanic/Latino	18.6	19.5	20.4	20.2	19.8
	Asian	20.5	23.6	21.9	22.1	22.2
	Native Hawaiian/Other Pac. Isl.	16.8	17.2	18.0	17.8	17.6
	Two or more races	19.6	20.5	21.4	21.0	20.7
	Prefer not/No Response	22.4	22.0	23.7	23.0	22.9
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: 6,724

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	258	4	132	2	312	5	179	3
	28 to 32	607	9	694	10	1,060	16	559	8
	24 to 27	1,270	19	1,827	27	1,207	18	1,720	26
	20 to 23	1,944	29	1,534	23	1,896	28	2,390	36
	16 to 19	1,383	21	2,009	30	1,461	22	1,379	21
	13 to 15	836	12	515	8	590	9	352	5
	01 to 12	426	6	13	0	198	3	145	2
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	3,092	46	20.7	22.5	22.3	22.7	22.2
	Females	3,632	54	21.2	21.2	22.3	21.6	21.7
	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	70	57	51	51	36
	Females	74	47	51	41	29
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

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	5,952	74	21.3	55	22.2	53	22.6	48	22.4	34	22.3
	Less than Core	688	54	18.4	29	19.3	36	20.2	27	19.9	16	19.6
	Missing ³	84	51	17.5	19	18.1	35	19.4	24	19.9	10	18.9
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	6,481	73	21.1	6,483	53	22.0	6,536	51	22.4	6,270	47	22.3
	Less than Core	162	54	19.0	160	4	16.4	107	37	20.1	372	27	19.9
	Missing ³	81	52	17.6	81	19	18.0	81	36	19.5	82	24	20.0
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

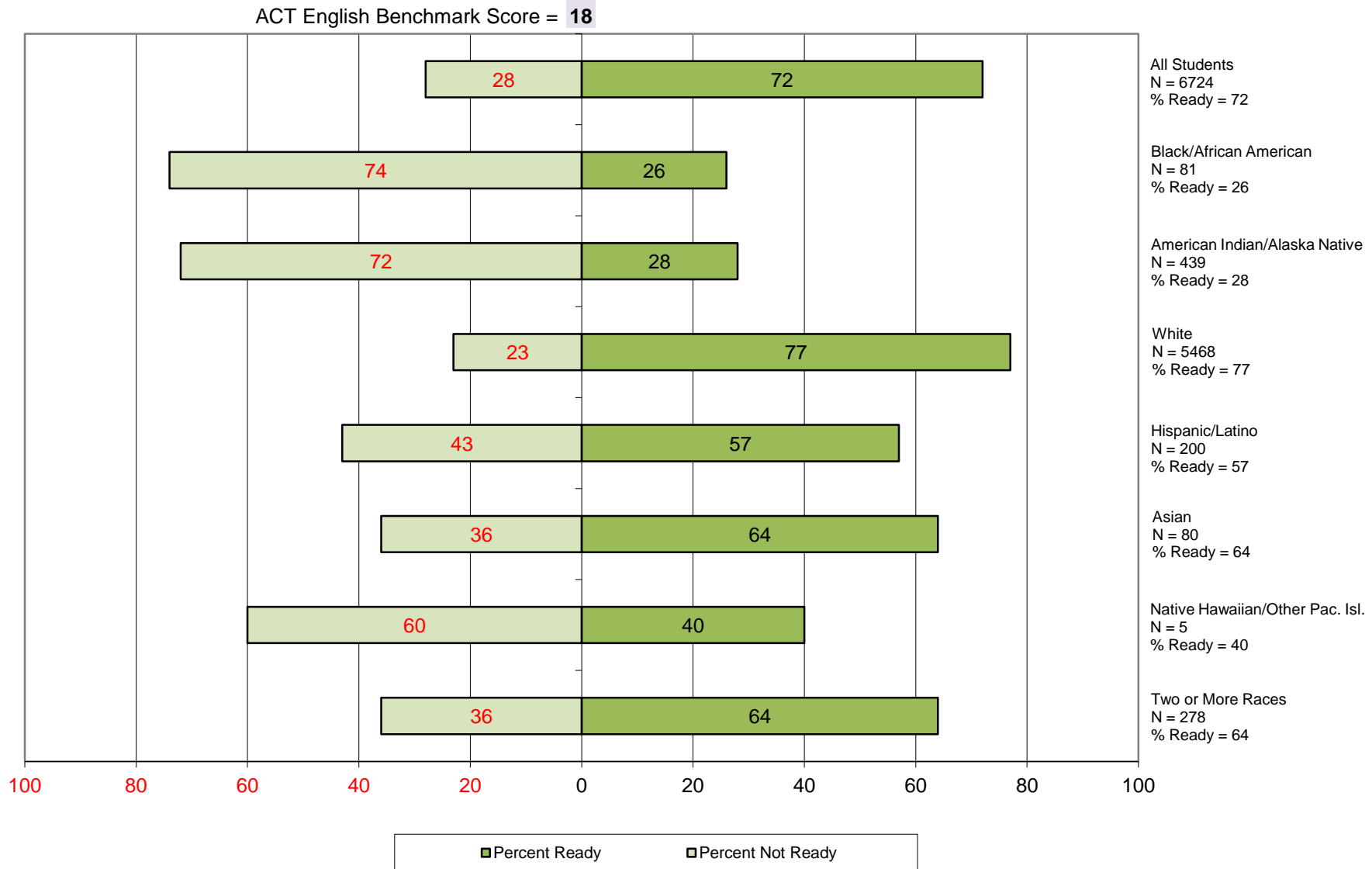


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

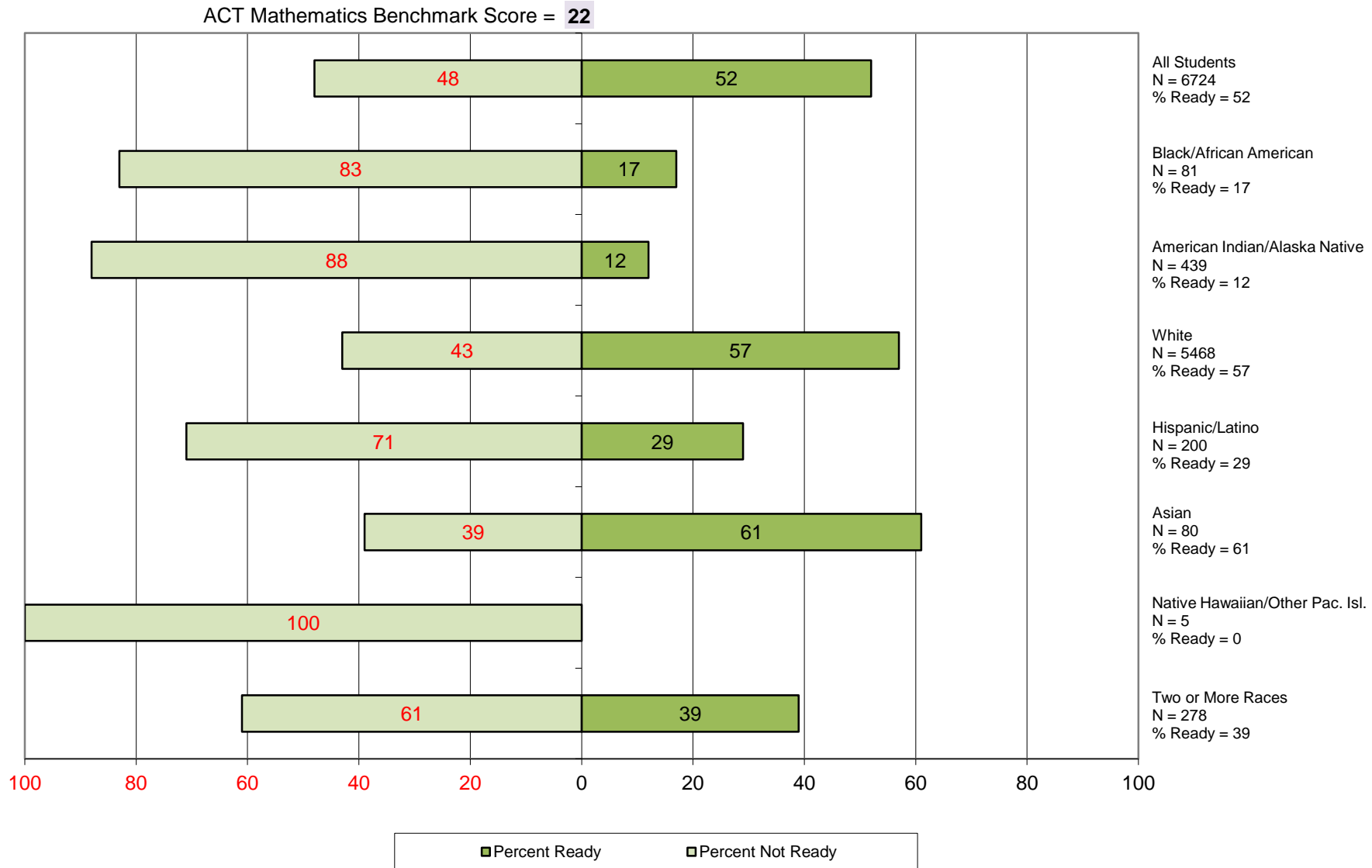


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

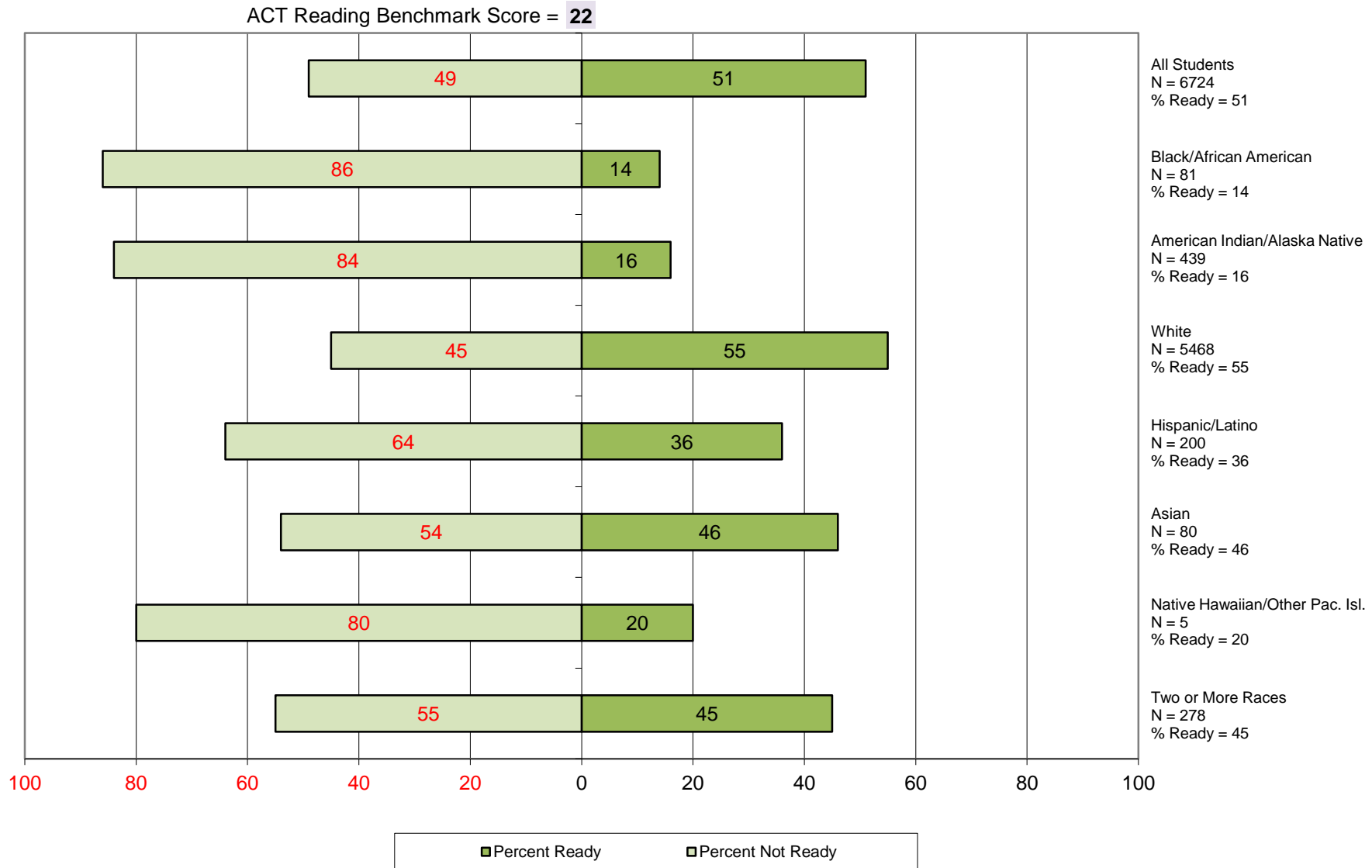


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

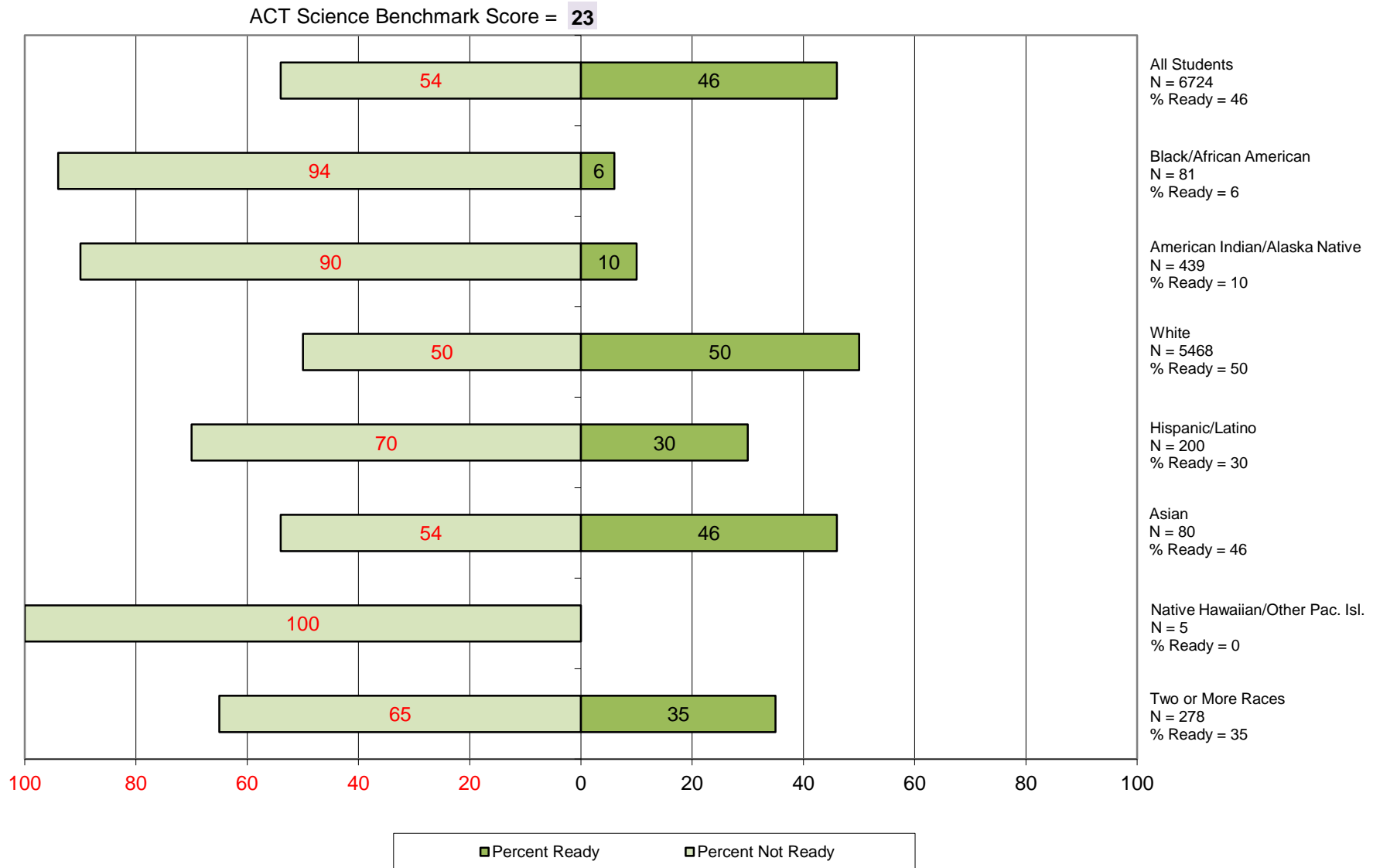
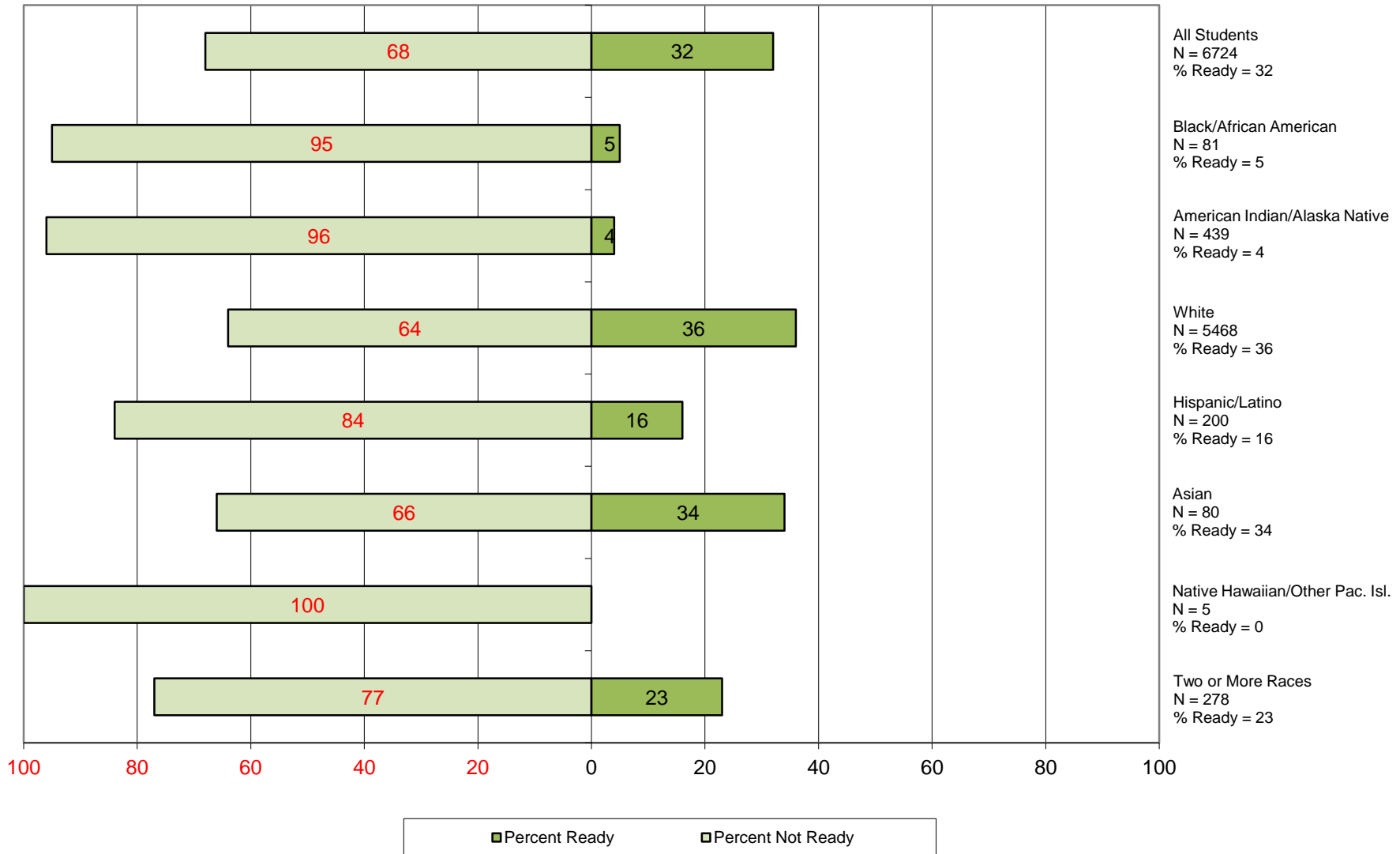


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 6,724

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	1,768	26	21.8	2.8	733	24	21.6	2.1	1,035	28	22.0	3.4
Eng 9, Eng 10, Eng 11, Eng 12	4,713	70	20.8	1.8	2,243	73	20.5	1.0	2,470	68	21.0	2.4
Less than 4 years of English	162	2	19.0	-	73	2	19.5	-	89	2	18.6	-
Zero years / no English courses reported	81	1	17.6	-	43	1	16.8	-	38	1	18.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	389	6	25.0	8.6	175	6	26.1	9.6	214	6	24.2	7.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	521	8	22.7	6.3	217	7	23.3	6.8	304	8	22.3	6.0
Alg 1, Alg 2, Geom, & Trig	410	6	21.0	4.6	184	6	21.7	5.2	226	6	20.4	4.1
Alg 1, Alg 2, Geom, & Other Adv Math	1,286	19	21.5	5.1	514	17	21.9	5.4	772	21	21.2	4.9
Other comb of 4 or more years of Math	2,272	34	24.1	7.7	1,110	36	24.9	8.4	1,162	32	23.2	6.9
Alg 1, Alg 2, & Geom	1,189	18	18.2	1.8	563	18	18.8	2.3	626	17	17.6	1.3
Other comb of 3 or 3.5 years of Math	416	6	20.5	4.1	216	7	20.7	4.2	200	6	20.3	4.0
Less than 3 years of Math	160	2	16.4	-	71	2	16.5	-	89	2	16.3	-
Zero years / no Math courses reported	81	1	18.0	-	42	1	18.3	-	39	1	17.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	27	0	18.0	-2.1	18	1	17.9	-2.3	9	0	18.1	-1.8
Other comb of 4 or more years Social Science	4,895	73	22.7	2.6	2,206	71	22.7	2.5	2,689	74	22.7	2.8
US Hist, World Hist, & Am Gov	86	1	19.0	-1.1	44	1	18.8	-1.4	42	1	19.3	-0.6
Other comb of 3 or 3.5 years of Social Science	1,528	23	21.6	1.5	728	24	21.6	1.4	800	22	21.6	1.7
Less than 3 years of Social Science	107	2	20.1	-	53	2	20.2	-	54	1	19.9	-
Zero years / no Social Science courses reported	81	1	19.5	-	43	1	18.4	-	38	1	20.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	2,666	40	23.1	3.2	1,378	45	23.9	3.9	1,288	35	22.3	2.4
Bio, Chem, Phys	284	4	25.5	5.6	149	5	26.8	6.8	135	4	24.1	4.2
Gen Sci ² , Bio, Chem	3,019	45	21.3	1.4	1,167	38	21.5	1.5	1,852	51	21.3	1.4
Other comb of 3 years of Natural Science	301	4	21.3	1.4	175	6	22.1	2.1	126	3	20.2	0.3
Less than 3 years of Natural Science	372	6	19.9	-	181	6	20.0	-	191	5	19.9	-
Zero years / no Natural Science courses reported	82	1	20.0	-	42	1	20.5	-	40	1	19.6	-

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: 6,724

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	1,768	26	21.8	76	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	4,713	70	20.8	71	1,305,220	71	20.5	65
Less than 4 years of English	162	2	19.0	54	88,420	5	15.9	36
Zero years / no English courses reported	81	1	17.6	52	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	389	6	25.0	80	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	521	8	22.7	64	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	410	6	21.0	46	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	1,286	19	21.5	51	356,555	19	19.4	31
Other comb of 4 or more years of Math	2,272	34	24.1	70	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	1,189	18	18.2	18	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	416	6	20.5	39	90,105	5	19.8	35
Less than 3 years of Math	160	2	16.4	4	74,627	4	16.4	8
Zero years / no Math courses reported	81	1	18.0	19	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	27	0	18.0	22	48,992	3	22.3	50
Other comb of 4 or more years Social Science	4,895	73	22.7	54	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	86	1	19.0	28	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	1,528	23	21.6	45	504,877	27	21.3	43
Less than 3 years of Social Science	107	2	20.1	37	180,385	10	19.4	32
Zero years / no Social Science courses reported	81	1	19.5	36	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	2,666	40	23.1	56	781,043	42	22.1	46
Bio, Chem, Phys	284	4	25.5	71	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	3,019	45	21.3	38	505,460	27	20.0	28
Other comb of 3 years of Natural Science	301	4	21.3	40	52,236	3	19.2	24
Less than 3 years of Natural Science	372	6	19.9	27	220,701	12	18.1	17
Zero years / no Natural Science courses reported	82	1	20.0	24	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.

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	338	5	20.6	77	12	18.7	240	4	21.3
Architecture	105	2	21.9	10	2	18.8	88	2	22.5
Area, Ethnic, & Multidisciplinary Studies	5	0	18.2	1	0	14.0	3	0	16.3
Arts: Visual & Performing	342	5	21.3	26	4	17.1	285	5	21.9
Business	465	7	21.3	50	8	18.2	404	7	21.8
Communications	62	1	22.8	4	1	17.5	58	1	23.2
Community, Family, & Personal Services	137	2	19.0	20	3	17.7	109	2	19.3
Computer Science & Mathematics	178	3	23.4	11	2	20.7	160	3	23.6
Education	441	7	21.1	18	3	16.1	403	7	21.3
Engineering	425	6	24.7	20	3	18.1	389	7	25.0
Engineering Technology & Drafting	58	1	20.7	14	2	17.4	37	1	22.3
English & Foreign Languages	56	1	24.8	1	0	18.0	53	1	25.1
Health Administration & Assisting	185	3	20.1	27	4	18.6	152	3	20.4
Health Sciences & Technologies	1,582	24	22.4	91	14	18.7	1,446	25	22.6
Philosophy, Religion, & Theology	29	0	22.9	1	0	20.0	26	0	23.0
Repair, Production, & Construction	152	2	19.1	99	16	18.7	40	1	20.3
Sciences: Biological & Physical	408	6	24.2	13	2	18.4	379	7	24.4
Social Sciences & Law	432	6	21.8	24	4	16.5	392	7	22.2
Undecided	1,260	19	21.6	123	19	18.5	1,004	18	22.2
No Response	64	1	18.9	1	0	17.0	6	0	18.8

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: 6,724

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	200	18.1	1	14.0	22	15.6	156	18.3	6	18.7
2-yr College Degree	431	18.4	3	13.3	51	15.0	333	19.1	9	15.6
Bachelors Degree	3,825	21.5	45	17.2	225	16.7	3,191	22.0	104	19.3
Graduate Study	666	24.5	6	17.5	35	18.3	559	25.0	16	21.6
Prof. Level Degree	1,183	24.6	12	20.3	52	19.5	964	25.1	52	21.3
Other	96	19.1	0	.	11	16.5	68	19.6	1	18.0
No Response	323	20.5	14	14.4	43	16.6	197	21.9	12	19.4

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	200	18.1	2	14.0	0	.	6	17.5	7	21.7
2-yr College Degree	431	18.4	6	15.8	2	20.0	13	17.4	14	18.1
Bachelors Degree	3,825	21.5	38	20.7	2	16.5	156	19.8	64	23.3
Graduate Study	666	24.5	7	24.1	0	.	29	23.9	14	25.9
Prof. Level Degree	1,183	24.6	21	27.9	1	15.0	50	23.9	31	26.6
Other	96	19.1	2	16.0	0	.	11	17.8	3	23.0
No Response	323	20.5	4	19.0	0	.	13	19.8	40	20.4

Total Students in Report: 6,724

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	2,181	1,022	1,159	0	4	22	31	30	12	1
UNIVERSITY OF SOUTH DAKOTA	South Dakota	1,564	581	983	1	4	23	32	30	10	1
BLACK HILLS STATE UNIVERSITY	South Dakota	617	242	375	1	11	32	30	21	5	0
NORTHERN STATE UNIVERSITY	South Dakota	467	173	294	0	6	27	31	30	5	0
SOUTH DAKOTA SCH OF MINES/TECH	South Dakota	418	213	205	0	1	10	21	42	22	5
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	399	131	268	1	0	5	23	39	26	5
AUGUSTANA COLLEGE	South Dakota	390	106	284	0	2	14	30	35	17	2
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	352	89	263	0	3	11	22	36	23	5
DAKOTA STATE UNIVERSITY	South Dakota	341	104	237	1	5	26	31	26	10	1
LAKE AREA TECHNICAL INSTITUTE	South Dakota	334	162	172	1	8	39	36	12	4	0
UNIVERSITY OF SIOUX FALLS	South Dakota	332	72	260	0	5	24	36	28	6	1
SOUTHEAST TECHNICAL INSTITUTE	South Dakota	304	91	213	0	10	44	32	12	3	0
MITCHELL TECHNICAL INSTITUTE	South Dakota	255	88	167	2	11	44	30	10	3	0
MINNESOTA STATE UNIVERSITY MANKATO	Minnesota	215	47	168	0	1	17	41	32	8	0
NORTH DAKOTA STATE UNIVERSITY	North Dakota	208	46	162	0	4	18	35	28	13	1
DAKOTA WESLEYAN UNIVERSITY	South Dakota	190	66	124	1	4	32	34	23	6	1
IOWA STATE UNIVERSITY	Iowa	115	27	88	0	1	9	25	29	32	4
MOUNT MARTY COLLEGE	South Dakota	115	26	89	0	5	28	41	22	3	1
CHADRON STATE COLLEGE	Nebraska	104	47	57	1	16	30	25	22	6	0
SOUTHWEST MINNESOTA STATE UNIVERSITY	Minnesota	103	30	73	0	1	21	38	31	9	0
NCAA ELIGIBILITY CENTER	Indiana	96	31	65	0	0	20	30	33	17	0
WESTERN DAKOTA TECHNICAL INSTITUTE	South Dakota	96	33	63	5	19	43	16	15	3	0
UNIVERSITY OF MINNESOTA-MORRIS	Minnesota	95	28	67	1	11	22	26	22	18	0
UNIVERSITY OF NORTH DAKOTA	North Dakota	83	20	63	0	2	17	34	31	13	2
COLORADO STATE UNIVERSITY	Colorado	75	21	54	0	3	17	20	41	15	4
CREIGHTON UNIVERSITY	Nebraska	72	16	56	0	4	11	10	31	31	14
UNIVERSITY OF IOWA	Iowa	69	12	57	1	3	4	22	38	26	6
MORNINGSIDE COLLEGE	Iowa	66	17	49	0	3	26	33	27	11	0
UNIVERSITY OF WYOMING	Wyoming	65	10	55	0	3	28	25	31	14	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	64	15	49	0	3	9	25	38	19	6
All Other Institutions		3,050	820	2,230	2	7	18	25	26	18	5
Total		12,835	4,386	8,449	1	5	22	29	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: 6,724

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	1,398	976,031	23.3	21.3	7.1	7.1	22.1	20.6
Black/African American	26	114,263	15.3	16.4	6.3	6.3	15.4	16.3
American Indian/Alaska Native	140	6,408	16.3	16.8	6.0	6.2	15.9	16.5
White	1,004	520,054	24.6	23.1	7.3	7.3	23.3	22.1
Hispanic/Latino	70	167,575	20.3	18.5	7.1	6.9	19.9	18.4
Asian	30	61,663	24.9	23.7	7.9	7.7	24.1	22.9
Native Hawaiian/Other Pac. Isl.	1	3,742	14.0	17.7	7.0	6.6	15.0	17.6
Two or more races	85	39,565	21.7	21.4	7.0	7.1	20.8	20.7
Prefer not/No Response	42	62,761	25.6	21.6	7.1	7.1	23.9	20.9
Males	589	438,500	23.1	21.1	6.9	6.9	21.8	20.2
Females	809	530,240	23.4	21.6	7.3	7.3	22.3	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

