



Profile Report - State

Graduating Class 2015

South Dakota



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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: 6,615 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. 88% 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, 7% were college ready. 18% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 17% 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 5% of the cohort took less than three years of natural science courses. 21% 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 39% 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

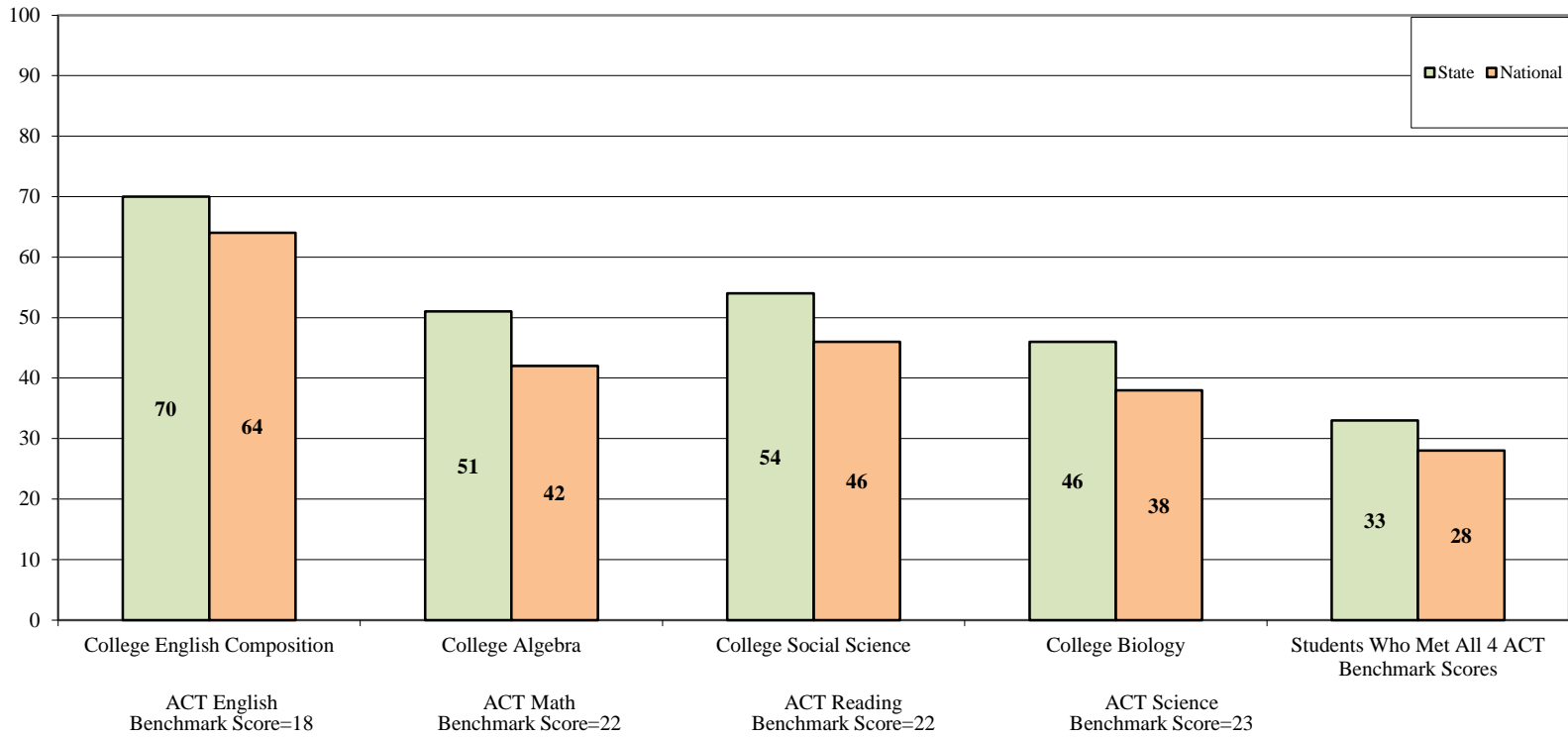
Executive Summary

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: 6,615

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
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
2015	6,615	1,924,436	70	64	51	42	54	46	46	38	33	28

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
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
2015	6,615	1,924,436	21.0	20.4	21.7	20.8	22.4	21.4	22.1	20.9	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
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

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	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
2015	5,835	687	88	10	21.5	18.1	22.1	19.2	22.8	19.7	22.4	19.6	22.3	19.3

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.

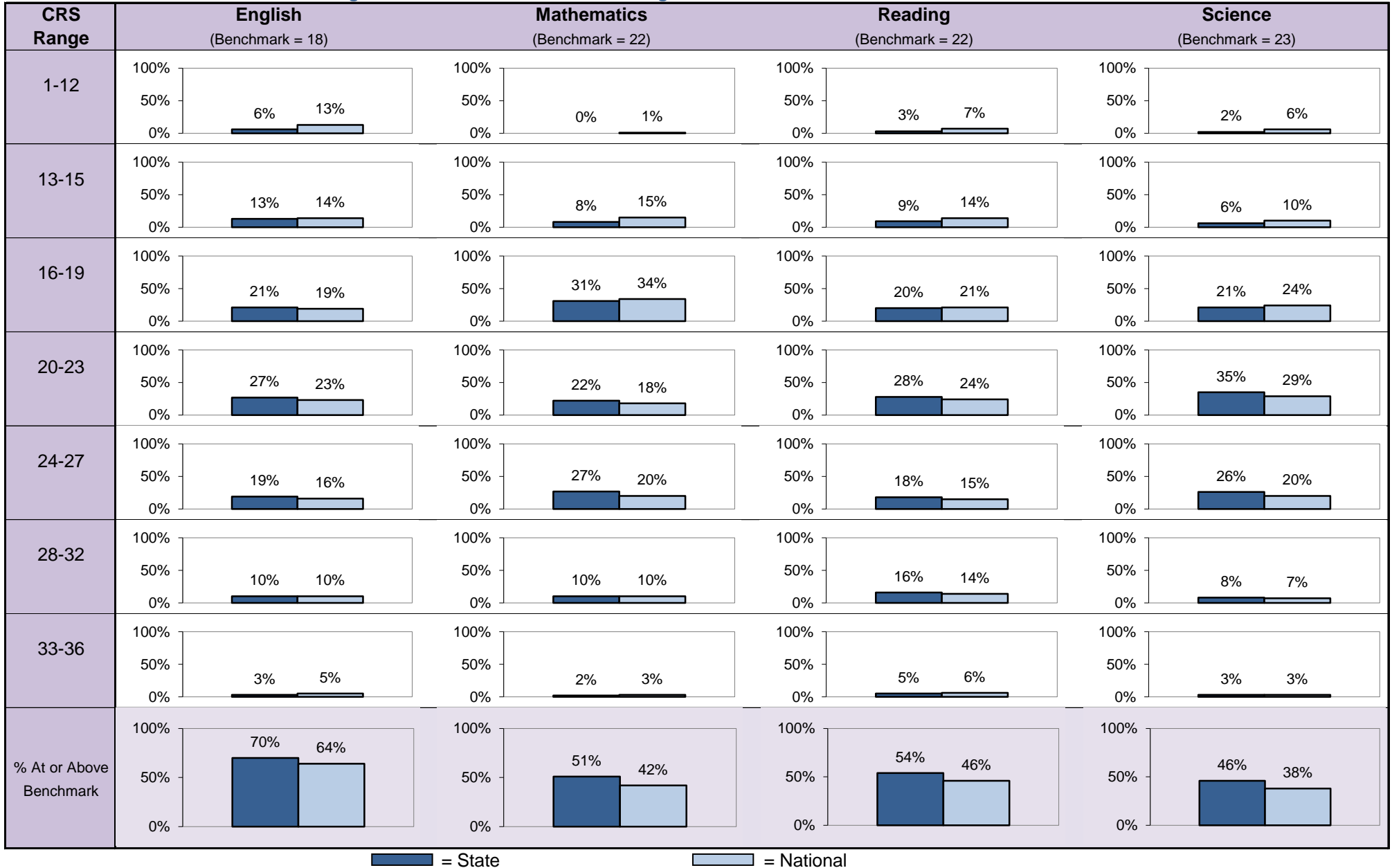
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	6,983	100	21.8	6,878	100	21.8	6,723	100	21.9	6,724	100	21.9	6,615	100	21.9
Black/African American	85	1	17.7	100	1	17.7	84	1	17.6	81	1	17.0	88	1	18.1
American Indian/Alaska Native	483	7	16.7	416	6	16.2	414	6	17.0	439	7	16.9	423	6	16.7
White	5,836	84	22.4	5,675	83	22.4	5,502	82	22.4	5,468	81	22.5	5,376	81	22.5
Hispanic/Latino	169	2	19.6	208	3	20.0	195	3	20.4	200	3	19.8	224	3	20.2
Asian	71	1	23.7	101	1	21.9	103	2	20.3	80	1	22.2	68	1	21.5
Native Hawaiian/Other Pacific Islander	6	0	15.5	9	0	18.1	9	0	18.7	5	0	17.6	5	0	15.6
Two or more races	153	2	20.6	230	3	20.3	260	4	21.1	278	4	20.7	272	4	21.1
Prefer not to respond/No response	180	3	21.9	139	2	23.0	156	2	22.1	173	3	22.9	159	2	22.3

Total Students in Report: 6,615

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



Total Students in Report: 6,615

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	6,515	98	21.1	21.8	22.5	22.1	22.0
	Extended Time	100	2	16.9	18.3	19.4	19.2	18.6
	Total	6,615	100	21.0	21.7	22.4	22.1	21.9
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	71	51	54	46	33
	Extended Time	37	21	37	25	12
	Total	70	51	54	46	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: 6,615

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	17	100	11	100	37	100	37	100	2	100	36
35	51	100	23	100	41	99	44	99	22	100	35
34	89	99	44	99	116	99	65	99	26	100	34
33	72	98	32	99	157	97	59	98	62	99	33
32	114	97	62	98	173	95	97	97	89	98	32
31	138	95	59	97	205	92	48	95	121	97	31
30	102	93	111	97	220	89	93	95	141	95	30
29	145	91	168	95	192	86	115	93	157	93	29
28	177	89	292	92	257	83	158	92	233	91	28
27	195	86	343	88	250	79	229	89	309	87	27
26	270	83	492	83	265	75	365	86	313	82	26
25	389	79	393	75	267	71	547	80	441	78	25
24	379	73	555	69	431	67	568	72	555	71	24
23	467	68	435	61	511	61	595	63	466	63	23
22	408	61	355	54	445	53	571	54	477	56	22
21	470	54	271	49	474	46	613	46	518	48	21
20	474	47	367	45	443	39	524	36	526	41	20
19	351	40	440	39	408	32	457	29	488	33	19
18	352	35	452	33	384	26	408	22	432	25	18
17	331	30	592	26	277	20	282	15	368	19	17
16	381	25	589	17	261	16	257	11	312	13	16
15	444	19	322	8	272	12	172	7	220	8	15
14	231	12	136	3	171	8	93	5	184	5	14
13	156	9	50	1	143	5	101	3	97	2	13
12	114	6	16	1	129	3	50	2	44	1	12
11	142	5	5	1	47	1	33	1	7	1	11
10	77	2	0	1	21	1	15	1	1	1	10
9	49	1	0	1	2	1	10	1	2	1	9
8	18	1	0	1	11	1	5	1	2	1	8
7	9	1	0	1	2	1	3	1	0	1	7
6	1	1	0	1	2	1	0	1	0	1	6
5	1	1	0	1	0	1	1	1	0	1	5
4	1	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.0 (5.8)		21.7 (4.8)		22.4 (5.8)		22.1 (4.7)		21.9 (4.8)		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: 6,615

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	159	100	74	100	164	100	227	100	173	100	32	100	37	100	18
17	348	98	76	99	384	98	294	97	235	97	39	100	8	99	17
16	248	92	341	98	418	92	385	92	423	94	127	99	224	99	16
15	365	89	441	93	523	85	513	86	436	87	392	97	421	96	15
14	323	83	464	86	492	77	578	79	510	81	711	91	651	90	14
13	400	78	644	79	741	70	563	70	733	73	813	80	704	80	13
12	534	72	693	69	773	59	671	61	805	62	694	68	814	69	12
11	800	64	806	59	613	47	571	51	563	50	943	58	753	57	11
10	751	52	712	47	733	38	627	43	588	41	992	43	941	45	10
9	610	41	767	36	485	27	595	33	574	32	849	28	832	31	9
8	677	31	701	24	637	19	416	24	547	24	527	15	562	19	8
7	535	21	352	14	359	10	378	18	652	16	260	7	289	10	7
6	380	13	237	8	160	4	419	12	237	6	75	4	178	6	6
5	248	7	167	5	77	2	237	6	104	2	87	2	112	3	5
4	149	4	110	2	31	1	105	2	25	1	26	1	48	1	4
3	64	1	26	1	11	1	23	1	8	1	35	1	30	1	3
2	23	1	3	1	8	1	11	1	2	1	4	1	2	1	2
1	1	1	1	1	6	1	2	1	0	1	9	1	9	1	1
Avg (SD)	10.5 (3.6)		10.8 (3.1)		11.7 (3.3)		11.3 (3.6)		11.3 (3.3)		11.0 (2.6)		10.9 (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: 6,615

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	6,615	88	22.3	19.3
	Black/African American	88	75	18.6	16.4
	American Indian/Alaska Native	423	81	17.1	14.9
	White	5,376	90	22.8	20.2
	Hispanic/Latino	224	83	20.7	17.6
	Asian	68	82	22.5	17.3
	Native Hawaiian/Other Pac. Isl.	5	20	19.0	14.3
	Two or more races	272	88	21.3	19.7
	Prefer not/No Response	159	70	24.0	19.4
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	21.0	21.7	22.4	22.1	21.9
	Black/African American	16.3	18.3	18.6	18.7	18.1
	American Indian/Alaska Native	15.2	16.7	17.3	17.1	16.7
	White	21.7	22.3	23.0	22.7	22.5
	Hispanic/Latino	18.9	19.7	21.3	20.4	20.2
	Asian	20.4	22.6	21.1	21.6	21.5
	Native Hawaiian/Other Pac. Isl.	13.0	16.2	15.8	17.4	15.6
	Two or more races	20.0	20.5	22.0	21.2	21.1
	Prefer not/No Response	21.5	22.0	23.1	22.2	22.3
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: 6,615

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	229	3	110	2	351	5	205	3
	28 to 32	676	10	692	10	1,047	16	511	8
	24 to 27	1,233	19	1,783	27	1,213	18	1,709	26
	20 to 23	1,819	27	1,428	22	1,873	28	2,303	35
	16 to 19	1,415	21	2,073	31	1,330	20	1,404	21
	13 to 15	831	13	508	8	586	9	366	6
	01 to 12	412	6	21	0	215	3	117	2
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	3,039	46	20.7	22.4	22.5	22.8	22.2
	Females	3,575	54	21.3	21.2	22.4	21.5	21.7
	Missing	1	0	15.0	22.0	19.0	18.0	19.0
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	68	56	55	51	36
	Females	72	47	53	41	29
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

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	5,835	74	21.5	54	22.1	57	22.8	49	22.4	35	22.3
	Less than Core	687	49	18.1	28	19.2	34	19.7	24	19.6	16	19.3
	Missing ³	93	31	15.9	16	17.7	29	18.1	17	18.1	5	17.6
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	6,346	71	21.2	6,359	53	21.9	6,407	55	22.5	6,180	47	22.3
	Less than Core	180	57	19.1	165	7	16.7	120	38	19.9	346	21	19.1
	Missing ³	89	31	16.0	91	15	17.6	88	28	18.2	89	17	18.1
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

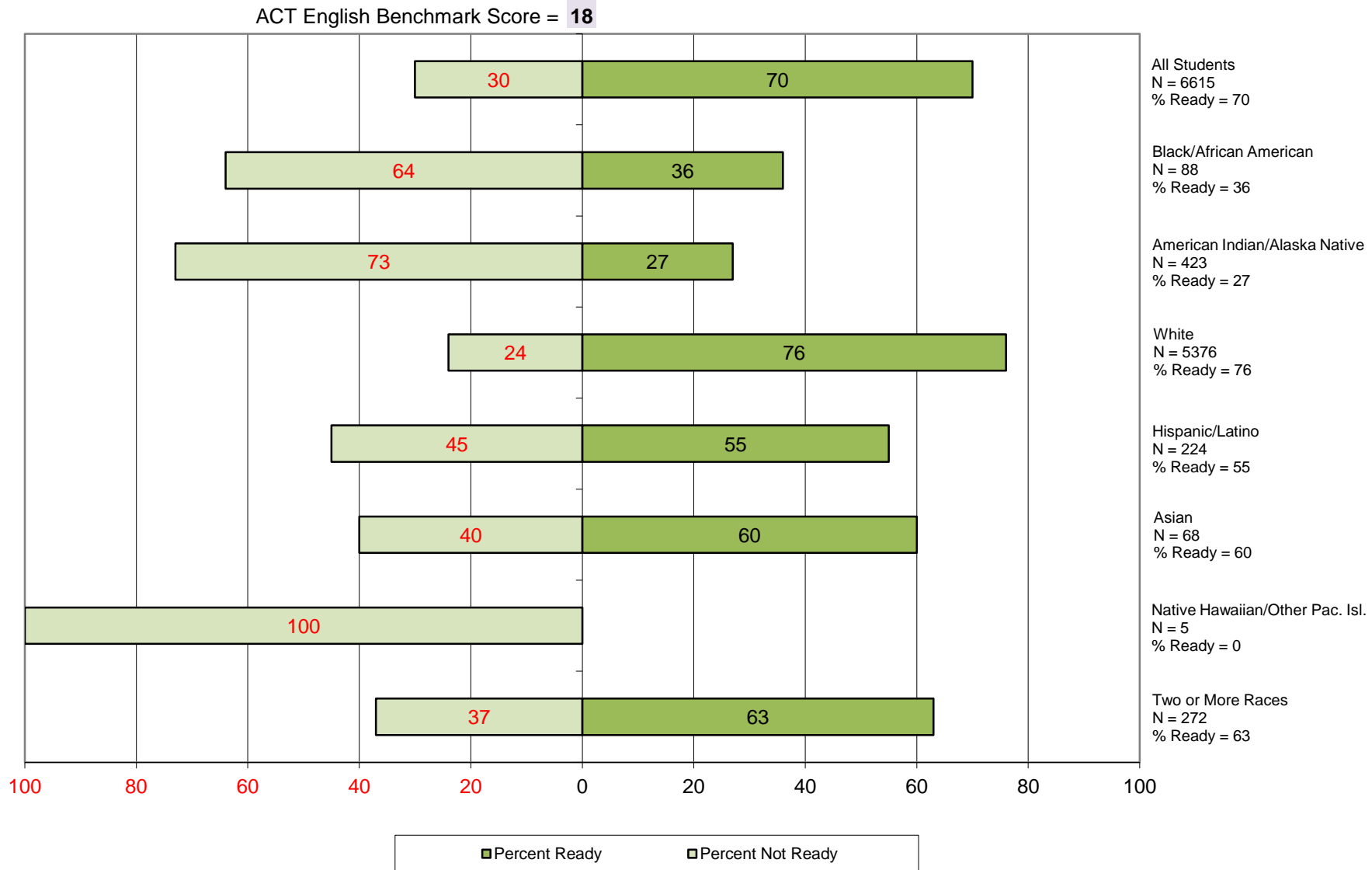


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

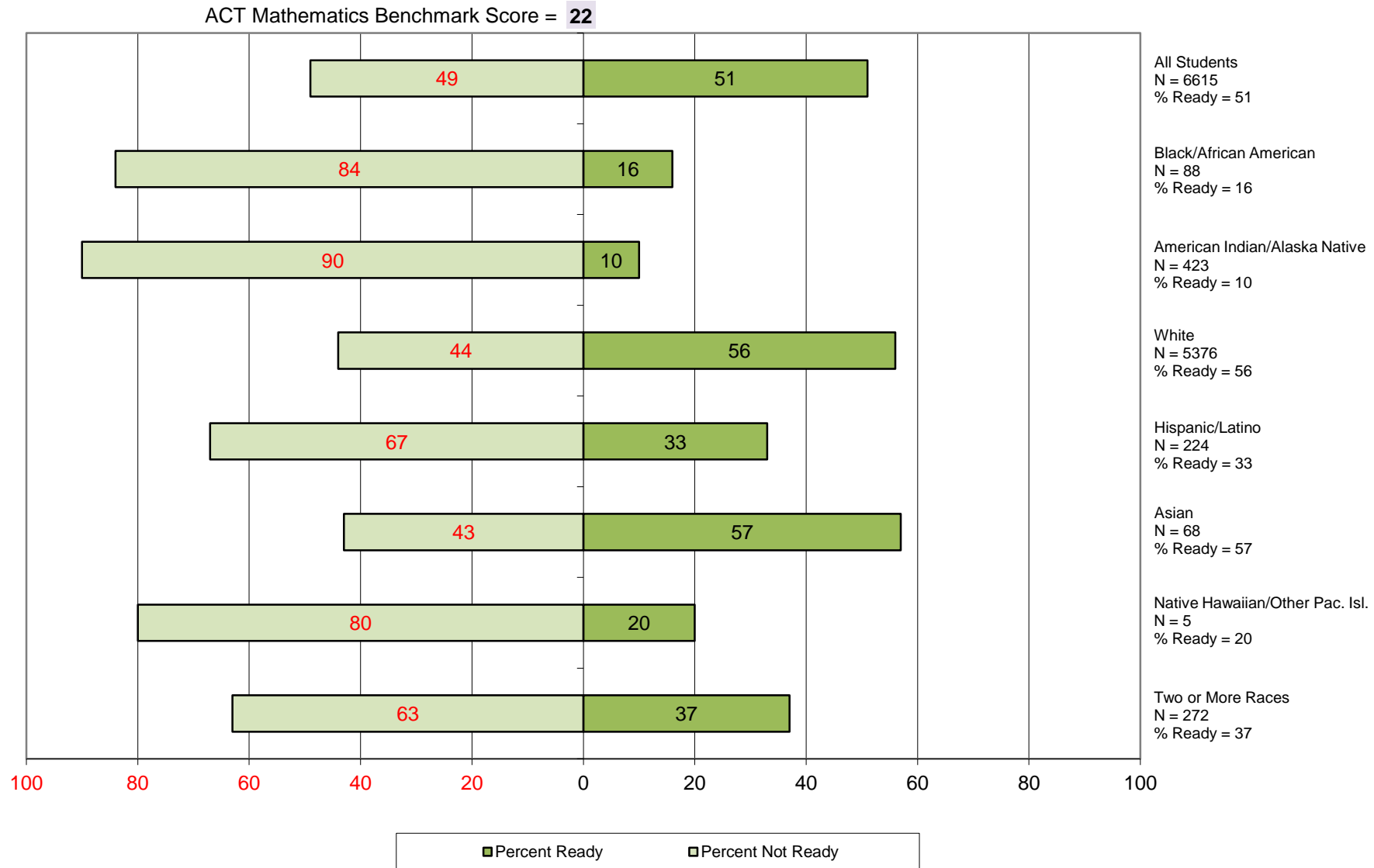


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

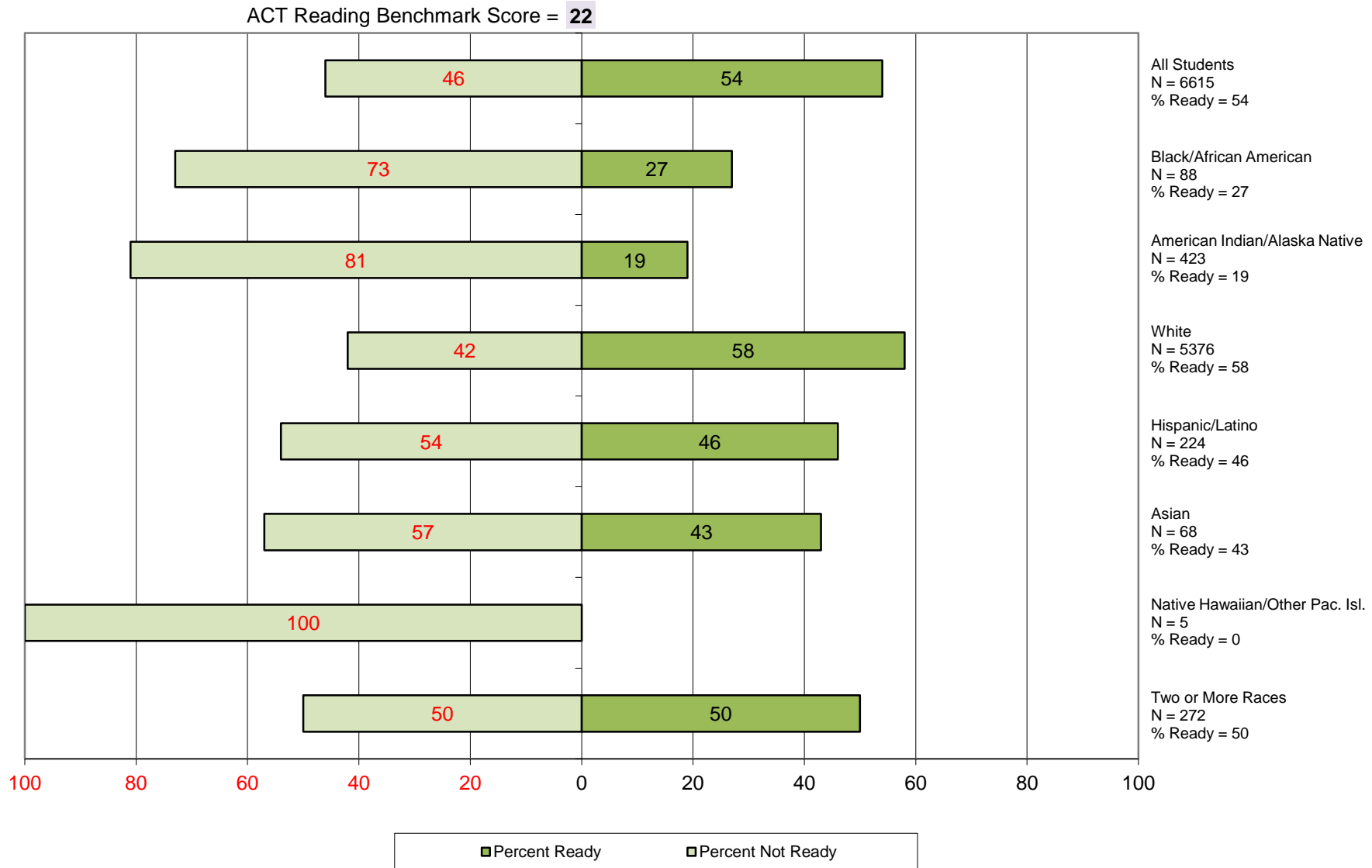


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

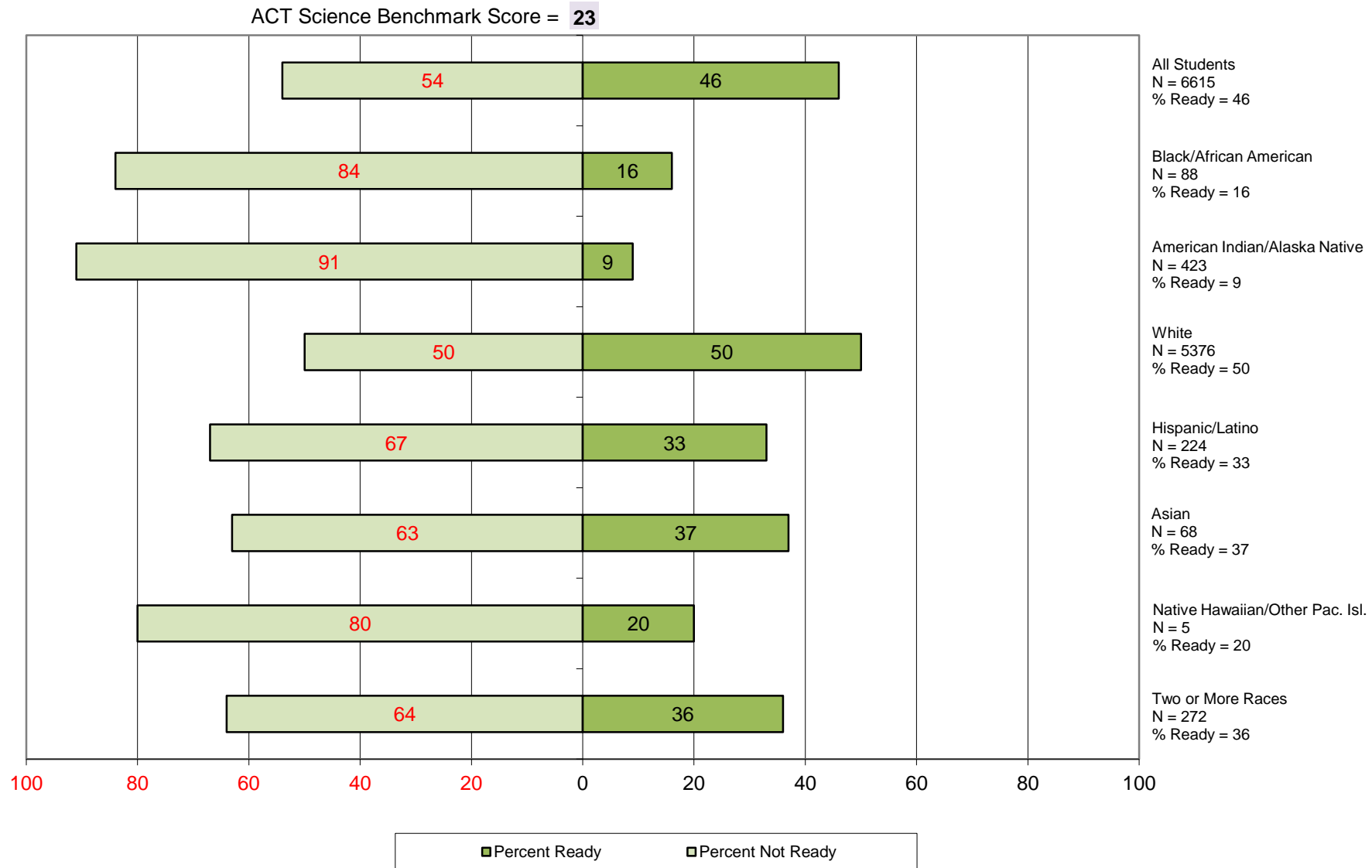
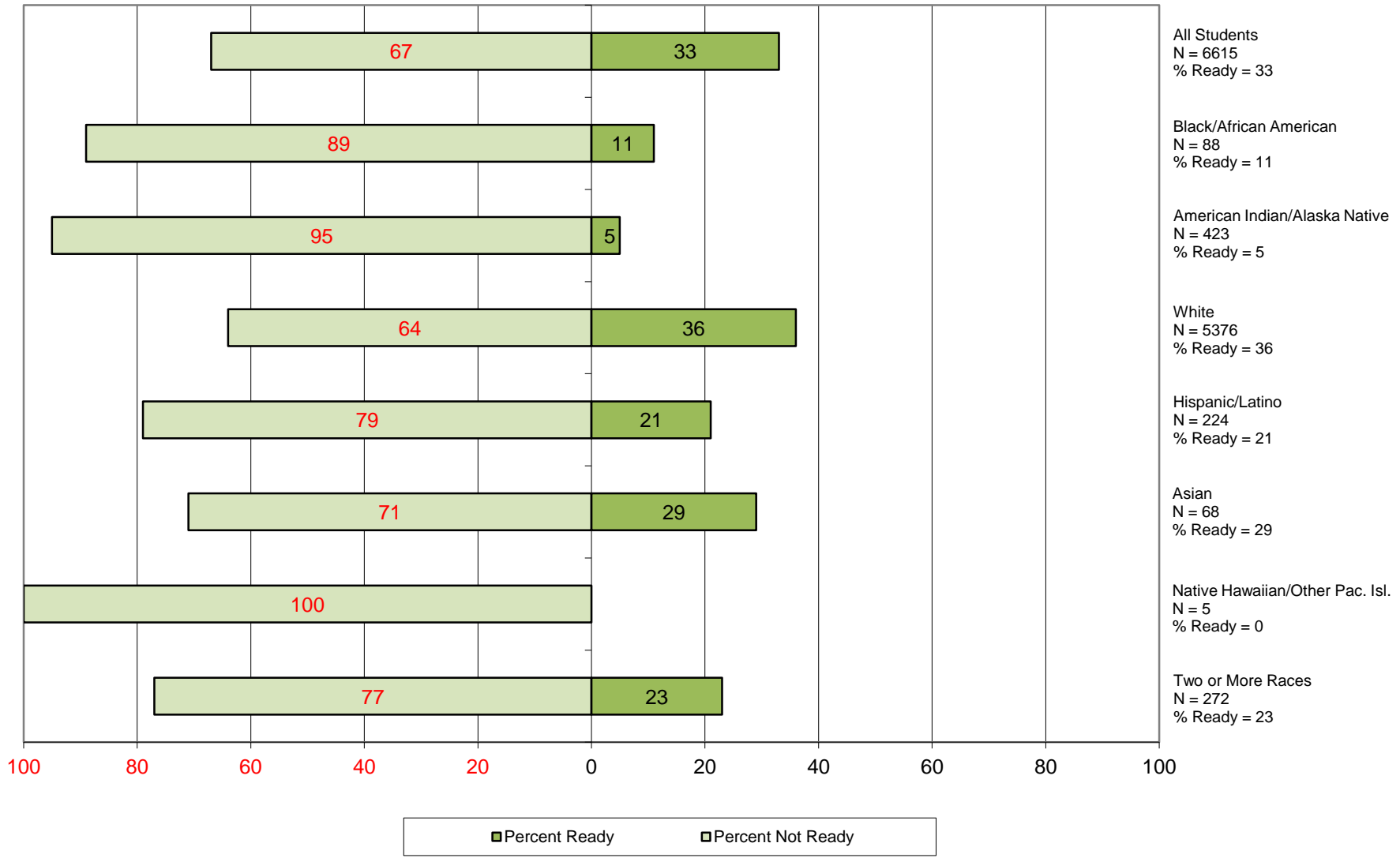


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 6,615

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	1,719	26	22.3	3.2	724	24	22.1	3.2	995	28	22.4	3.1
Eng 9, Eng 10, Eng 11, Eng 12	4,627	70	20.7	1.6	2,188	72	20.4	1.5	2,439	68	21.0	1.7
Less than 4 years of English	180	3	19.1	-	84	3	18.9	-	96	3	19.3	-
Zero years / no English courses reported	89	1	16.0	-	43	1	15.3	-	45	1	16.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	335	5	25.0	8.3	148	5	26.1	9.1	187	5	24.1	7.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	474	7	22.8	6.1	184	6	23.9	6.9	290	8	22.1	5.6
Alg 1, Alg 2, Geom, & Trig	348	5	20.8	4.1	138	5	21.6	4.6	210	6	20.3	3.8
Alg 1, Alg 2, Geom, & Other Adv Math	1,353	20	21.6	4.9	546	18	22.1	5.1	807	23	21.2	4.7
Other comb of 4 or more years of Math	2,265	34	24.0	7.3	1,121	37	24.7	7.7	1,144	32	23.3	6.8
Alg 1, Alg 2, & Geom	1,168	18	18.2	1.5	560	18	18.7	1.7	608	17	17.7	1.2
Other comb of 3 or 3.5 years of Math	416	6	19.7	3.0	220	7	20.3	3.3	196	5	19.0	2.5
Less than 3 years of Math	165	2	16.7	-	78	3	17.0	-	87	2	16.5	-
Zero years / no Math courses reported	91	1	17.6	-	44	1	17.5	-	46	1	17.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	27	0	20.9	1.0	16	1	20.7	0.6	11	0	21.1	1.3
Other comb of 4 or more years Social Science	4,784	72	22.9	3.0	2,172	71	23.0	2.9	2,612	73	22.8	3.0
US Hist, World Hist, & Am Gov	98	1	20.7	0.8	55	2	20.1	0.0	43	1	21.5	1.7
Other comb of 3 or 3.5 years of Social Science	1,498	23	21.7	1.8	687	23	21.7	1.6	811	23	21.6	1.8
Less than 3 years of Social Science	120	2	19.9	-	66	2	20.1	-	54	2	19.8	-
Zero years / no Social Science courses reported	88	1	18.2	-	43	1	17.6	-	44	1	18.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	2,557	39	23.3	4.2	1,331	44	24.2	4.8	1,226	34	22.2	3.3
Bio, Chem, Phys	283	4	25.8	6.7	139	5	26.7	7.3	144	4	25.1	6.2
Gen Sci ² , Bio, Chem	3,034	46	21.3	2.2	1,160	38	21.6	2.2	1,874	52	21.2	2.3
Other comb of 3 years of Natural Science	306	5	20.9	1.8	186	6	21.8	2.4	120	3	19.6	0.7
Less than 3 years of Natural Science	346	5	19.1	-	179	6	19.4	-	167	5	18.9	-
Zero years / no Natural Science courses reported	89	1	18.1	-	44	1	18.3	-	44	1	18.0	-

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: 6,615

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	1,719	26	22.3	77	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	4,627	70	20.7	69	1,359,318	71	20.6	65
Less than 4 years of English	180	3	19.1	57	93,944	5	15.9	36
Zero years / no English courses reported	89	1	16.0	31	98,029	5	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	335	5	25.0	77	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	474	7	22.8	66	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	348	5	20.8	49	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	1,353	20	21.6	52	362,476	19	19.4	30
Other comb of 4 or more years of Math	2,265	34	24.0	69	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	1,168	18	18.2	17	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	416	6	19.7	32	95,502	5	19.8	34
Less than 3 years of Math	165	2	16.7	7	78,951	4	16.3	8
Zero years / no Math courses reported	91	1	17.6	15	102,364	5	17.8	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	27	0	20.9	33	48,944	3	22.3	51
Other comb of 4 or more years Social Science	4,784	72	22.9	57	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	98	1	20.7	42	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	1,498	23	21.7	49	527,956	27	21.4	46
Less than 3 years of Social Science	120	2	19.9	38	194,720	10	19.5	34
Zero years / no Social Science courses reported	88	1	18.2	28	102,027	5	18.1	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	2,557	39	23.3	56	807,744	42	22.2	48
Bio, Chem, Phys	283	4	25.8	76	217,893	11	23.2	55
Gen Sci ¹ , Bio, Chem	3,034	46	21.3	39	512,754	27	20.1	30
Other comb of 3 years of Natural Science	306	5	20.9	37	54,439	3	19.1	24
Less than 3 years of Natural Science	346	5	19.1	21	227,926	12	18.1	18
Zero years / no Natural Science courses reported	89	1	18.1	17	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: 6,615

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	300	5	20.8	77	12	19.0	212	4	21.7
Architecture	85	1	21.2	12	2	19.1	65	1	21.5
Area, Ethnic, & Multidisciplinary Studies	2	0	21.0	0	0	.	1	0	20.0
Arts: Visual & Performing	322	5	22.3	29	4	18.3	276	5	22.8
Business	479	7	21.3	52	8	18.5	411	7	21.6
Communications	75	1	21.6	5	1	18.8	70	1	21.8
Community, Family, & Personal Services	126	2	18.8	28	4	17.8	96	2	19.1
Computer Science & Mathematics	201	3	23.8	19	3	20.0	177	3	24.3
Education	419	6	20.9	13	2	18.2	395	7	21.1
Engineering	405	6	25.0	19	3	19.1	382	7	25.3
Engineering Technology & Drafting	54	1	20.0	16	2	17.8	36	1	21.3
English & Foreign Languages	54	1	24.4	2	0	18.5	50	1	24.6
Health Administration & Assisting	227	3	19.9	27	4	17.1	193	3	20.3
Health Sciences & Technologies	1,559	24	22.2	82	13	18.3	1,438	26	22.5
Philosophy, Religion, & Theology	40	1	23.1	1	0	22.0	38	1	23.2
Repair, Production, & Construction	171	3	19.2	120	18	18.6	45	1	20.9
Sciences: Biological & Physical	403	6	24.1	7	1	16.6	386	7	24.3
Social Sciences & Law	385	6	21.7	22	3	16.1	345	6	22.2
Undecided	1,243	19	21.7	119	18	18.9	986	18	22.3
No Response	65	1	18.4	2	0	18.0	9	0	20.2

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: 6,615

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	208	19.1	0	.	9	14.3	176	19.5	9	16.9
2-yr College Degree	444	18.2	6	15.8	52	14.6	341	18.9	14	17.1
Bachelors Degree	3,771	21.5	46	17.6	229	16.6	3,141	22.1	127	19.1
Graduate Study	653	24.6	3	17.3	17	19.6	560	24.8	22	24.3
Prof. Level Degree	1,187	24.5	22	20.5	68	18.6	939	25.0	43	23.0
Other	77	19.3	1	12.0	10	18.5	56	20.1	3	18.3
No Response	275	19.8	10	17.1	38	15.7	163	21.3	6	22.3

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	208	19.1	1	21.0	0	.	8	17.6	5	18.6
2-yr College Degree	444	18.2	3	15.3	0	.	21	17.9	7	18.7
Bachelors Degree	3,771	21.5	31	19.2	3	16.0	146	20.5	48	22.4
Graduate Study	653	24.6	9	24.0	1	16.0	22	23.7	19	24.7
Prof. Level Degree	1,187	24.5	18	26.4	1	14.0	60	23.7	36	27.1
Other	77	19.3	1	14.0	0	.	4	18.0	2	14.0
No Response	275	19.8	5	19.4	0	.	11	18.3	42	18.5

Total Students in Report: 6,615

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	2,103	1,017	1,086	0	5	21	32	30	11	1
UNIVERSITY OF SOUTH DAKOTA	South Dakota	1,587	586	1,001	0	5	21	32	30	11	1
BLACK HILLS STATE UNIVERSITY	South Dakota	568	216	352	1	8	29	35	21	5	0
NORTHERN STATE UNIVERSITY	South Dakota	449	140	309	2	6	30	28	28	7	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	434	134	300	0	1	6	23	42	23	5
UNIVERSITY OF SIOUX FALLS	South Dakota	380	85	295	1	5	23	35	27	9	0
AUGUSTANA COLLEGE	South Dakota	379	109	270	1	1	11	31	36	19	1
SOUTH DAKOTA SCH OF MINES/TECH	South Dakota	372	167	205	0	1	9	27	33	24	5
DAKOTA STATE UNIVERSITY	South Dakota	344	131	213	1	8	25	35	23	8	1
LAKE AREA TECHNICAL INSTITUTE	South Dakota	344	179	165	2	16	37	29	15	2	0
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	344	75	269	0	2	6	27	37	25	3
SOUTHEAST TECHNICAL INSTITUTE	South Dakota	268	78	190	3	14	39	26	17	1	0
MITCHELL TECHNICAL INSTITUTE	South Dakota	256	109	147	1	15	37	30	16	1	0
DAKOTA WESLEYAN UNIVERSITY	South Dakota	227	77	150	1	8	25	35	25	6	0
NORTH DAKOTA STATE UNIVERSITY	North Dakota	198	51	147	1	4	16	34	30	16	1
MINNESOTA STATE UNIVERSITY MANKATO	Minnesota	159	31	128	0	4	19	37	33	7	0
WESTERN DAKOTA TECHNICAL INSTITUTE	South Dakota	128	36	92	4	21	33	30	10	2	0
SOUTHWEST MINNESOTA STATE UNIVERSITY	Minnesota	114	26	88	0	4	19	40	31	6	0
UNIVERSITY OF NORTH DAKOTA	North Dakota	112	26	86	0	6	17	29	34	11	3
MOUNT MARTY COLLEGE	South Dakota	110	29	81	1	3	30	31	26	7	2
IOWA STATE UNIVERSITY	Iowa	105	15	90	0	1	10	22	38	23	7
NCAA ELIGIBILITY CENTER	Indiana	100	36	64	0	1	17	37	31	12	2
UNIVERSITY OF MINNESOTA-MORRIS	Minnesota	91	24	67	0	11	16	35	22	13	2
COLORADO STATE UNIVERSITY	Colorado	85	20	65	0	1	9	27	38	20	5
CREIGHTON UNIVERSITY	Nebraska	85	29	56	0	0	5	14	32	42	7
CHADRON STATE COLLEGE	Nebraska	80	24	56	0	11	34	25	25	4	1
UNIVERSITY OF WYOMING	Wyoming	78	17	61	0	4	9	24	37	22	4
HASKELL INDIAN NATIONS UNIVERSITY	Kansas	71	41	30	8	41	39	11	0	0	0
MORNINGSIDE COLLEGE	Iowa	59	18	41	0	2	19	39	24	15	2
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	58	24	34	0	0	17	22	29	28	3
All Other Institutions		2,981	795	2,186	1	6	17	24	28	20	5
Total		12,669	4,345	8,324	1	6	20	29	28	14	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: 6,615

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	1,311	1,108,908	23.6	21.0	7.1	6.9	22.3	20.2
Black/African American	31	136,380	16.6	16.3	6.4	6.0	16.6	15.9
American Indian/Alaska Native	116	7,142	16.1	16.5	5.8	5.9	15.6	16.0
White	979	567,060	24.8	22.8	7.3	7.1	23.4	21.8
Hispanic/Latino	54	196,970	22.2	18.4	6.7	6.7	20.9	18.1
Asian	24	68,736	23.1	23.9	7.3	7.6	22.0	23.0
Native Hawaiian/Other Pac. Isl.	0	4,070	.	18.0	.	6.5	.	17.6
Two or more races	65	45,517	22.5	21.3	6.9	6.9	21.4	20.4
Prefer not/No Response	42	83,033	25.3	20.8	6.9	6.7	23.4	19.9
Males	566	507,737	23.6	20.7	6.9	6.6	22.2	19.7
Females	745	590,537	23.5	21.4	7.2	7.1	22.4	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4

