

# ACT Profile Report - State

Graduating Class 2010  
South Dakota



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This report provides information about the performance of your 2010 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 2010 and tested under standard time conditions.

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 meeting or exceeding 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](http://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 are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

28% 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:** 6,871 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. 86% 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 5% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 16% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 16% of these students were college ready. In comparison, 60% 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 8% of the cohort took less than three years of natural science courses. 11% of these students were college ready. In comparison, 37% 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](http://www.act.org/standard).

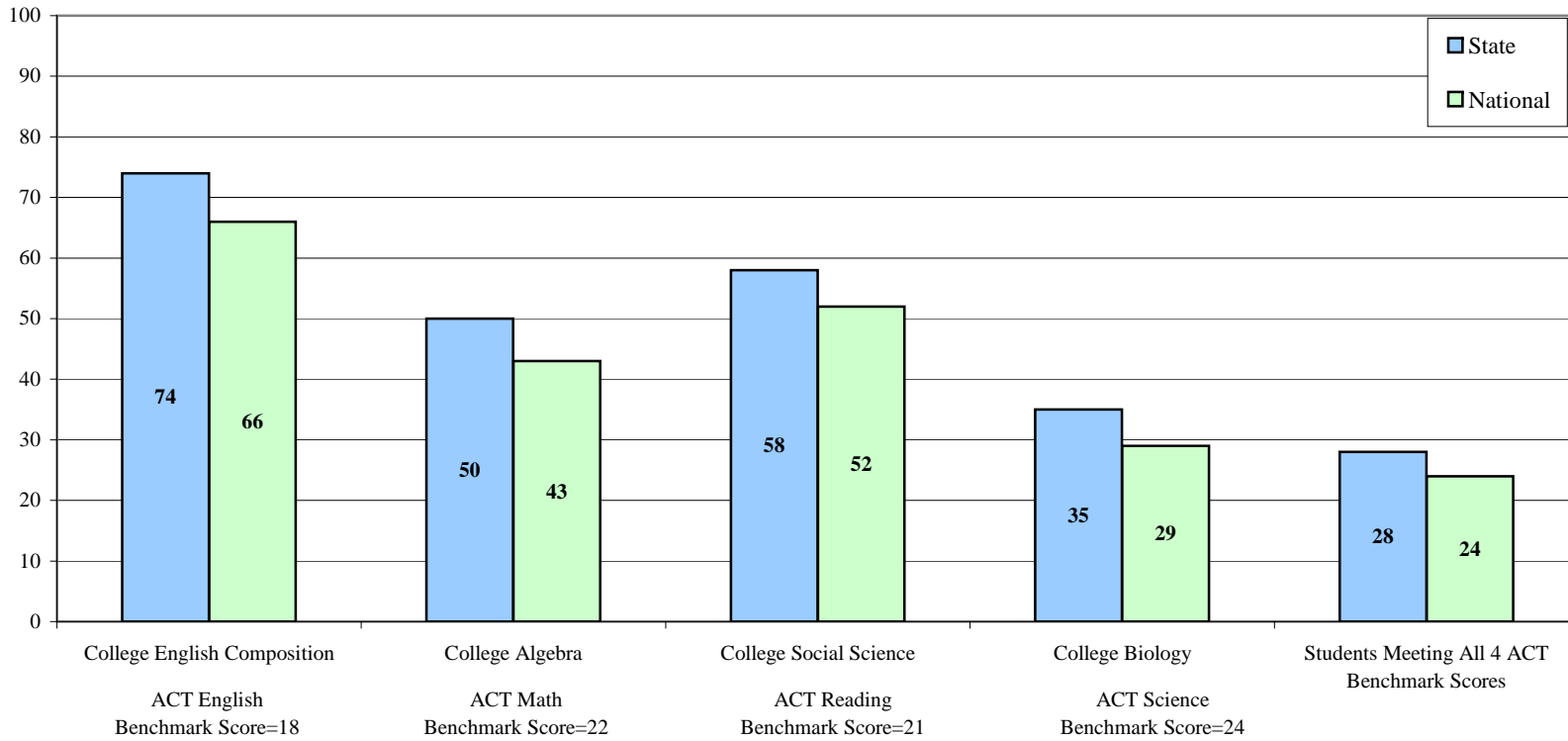
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS:** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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 your regional office at 303-337-3273.

# Section I

## Executive Summary

**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: 6,871

**Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks**

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2006	6,807	1,206,455	74	69	49	42	58	53	33	27	26	21
2007	6,975	1,300,599	75	69	50	43	58	53	34	28	27	23
2008	6,959	1,421,941	75	68	50	43	59	53	35	28	28	22
2009	6,676	1,480,469	74	67	49	42	60	53	36	28	28	23
<b>2010</b>	<b>6,871</b>	<b>1,568,835</b>	<b>74</b>	<b>66</b>	<b>50</b>	<b>43</b>	<b>58</b>	<b>52</b>	<b>35</b>	<b>29</b>	<b>28</b>	<b>24</b>

**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
2006	6,807	1,206,455	21.0	20.6	21.6	20.8	22.0	21.4	21.8	20.9	21.8	21.1
2007	6,975	1,300,599	21.3	20.7	21.7	21.0	22.1	21.5	21.9	21.0	21.9	21.2
2008	6,959	1,421,941	21.2	20.6	21.9	21.0	22.3	21.4	22.0	20.8	22.0	21.1
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
<b>2010</b>	<b>6,871</b>	<b>1,568,835</b>	<b>21.1</b>	<b>20.5</b>	<b>21.6</b>	<b>21.0</b>	<b>22.0</b>	<b>21.3</b>	<b>21.9</b>	<b>20.9</b>	<b>21.8</b>	<b>21.0</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
<b>2010</b>	<b>1,568,835</b>	<b>20.5</b>	<b>21.0</b>	<b>21.3</b>	<b>20.9</b>	<b>21.0</b>

Total Students in Report: 6,871

**Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation**

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	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
2006	3,949	2,435	58	36	22.2	19.2	22.7	19.9	23.0	20.4	22.7	20.5	22.8	20.2
2007	4,041	2,223	58	32	22.4	19.1	22.8	19.7	23.2	20.3	22.9	20.3	22.9	20.0
2008	4,742	1,891	68	27	22.1	18.8	22.8	19.6	23.0	20.4	22.7	20.1	22.8	19.8
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
<b>2010</b>	<b>5,890</b>	<b>895</b>	<b>86</b>	<b>13</b>	<b>21.7</b>	<b>17.7</b>	<b>22.1</b>	<b>18.4</b>	<b>22.5</b>	<b>19.1</b>	<b>22.4</b>	<b>19.1</b>	<b>22.3</b>	<b>18.7</b>

<sup>1</sup>"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.

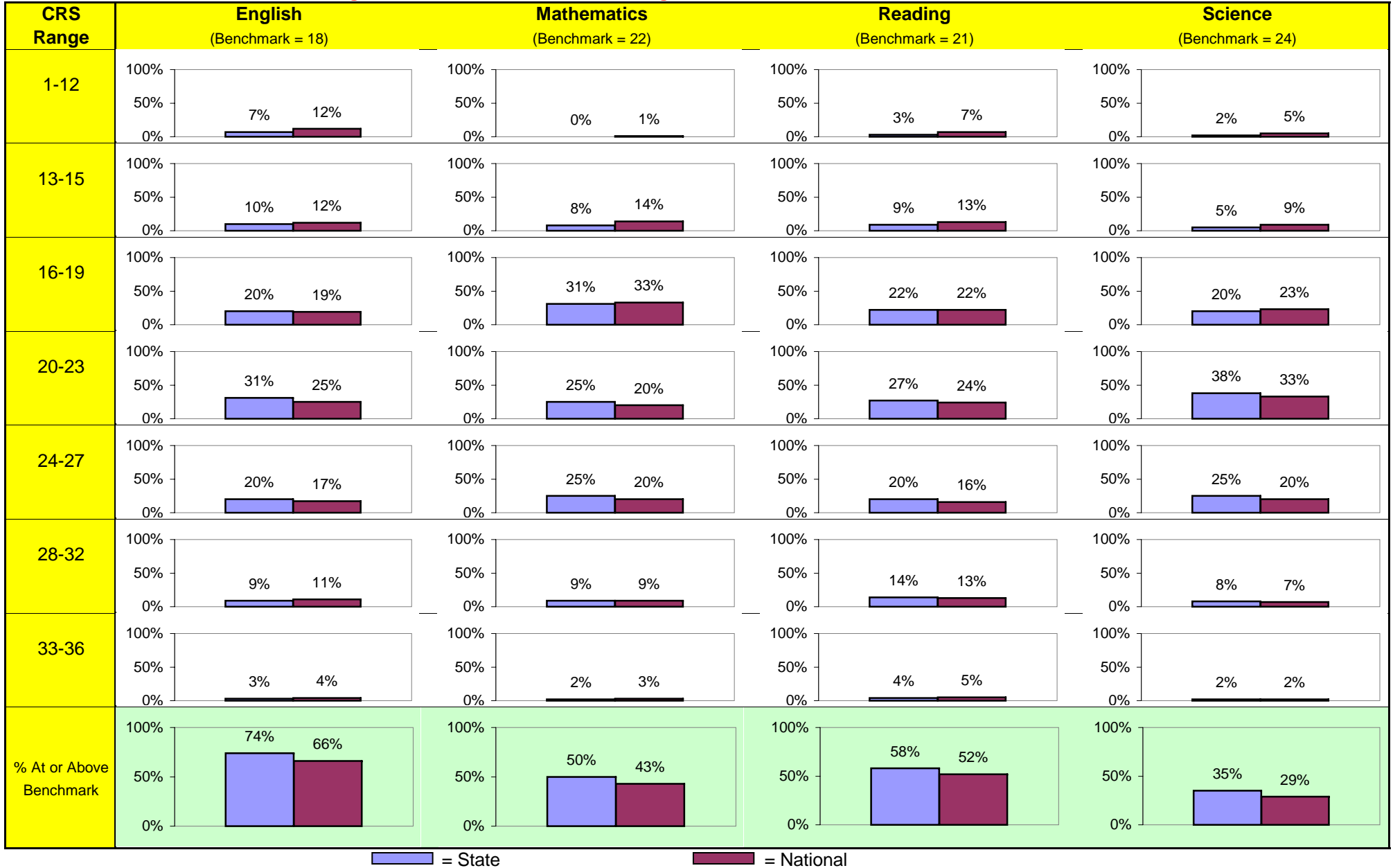
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity**

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>6,807</b>	<b>100</b>	<b>21.8</b>	<b>6,975</b>	<b>100</b>	<b>21.9</b>	<b>6,959</b>	<b>100</b>	<b>22.0</b>	<b>6,676</b>	<b>100</b>	<b>22.0</b>	<b>6,871</b>	<b>100</b>	<b>21.8</b>
African American/Black	57	1	19.0	62	1	18.8	55	1	18.1	59	1	17.3	85	1	18.4
American Indian/Alaska Native	416	6	17.5	414	6	17.6	413	6	17.5	424	6	17.6	495	7	17.1
Caucasian American/White	5,711	84	22.1	5,656	81	22.3	5,894	85	22.3	5,726	86	22.4	5,850	85	22.3
Hispanic	49	1	21.1	68	1	20.4	65	1	20.6	73	1	20.9	87	1	19.5
Asian American/Pacific Islander	68	1	22.1	70	1	22.0	69	1	21.8	62	1	22.8	70	1	22.8
Other/No Response	506	7	21.7	705	10	21.8	463	7	21.7	332	5	21.4	284	4	21.0

Total Students in Report: 6,871

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





# Section II

# Academic Achievement

Total Students in Report: 6,871

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages**

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	9	100	6	100	33	100	13	100	2	100	36
35	60	100	28	100	28	100	21	100	9	100	35
34	76	99	38	100	90	99	34	100	23	100	34
33	86	98	73	99	130	98	40	99	35	100	33
32	57	97	62	98	140	96	25	98	74	99	32
31	101	96	83	97	148	94	84	98	104	98	31
30	131	94	117	96	225	92	113	97	124	96	30
29	131	92	119	94	213	88	140	95	150	95	29
28	211	91	215	92	260	85	207	93	280	92	28
27	219	87	297	89	266	82	263	90	290	88	27
26	340	84	428	85	266	78	391	86	345	84	26
25	376	79	470	79	387	74	592	81	446	79	25
24	411	74	550	72	433	68	487	72	611	73	24
23	443	68	489	64	419	62	705	65	433	64	23
22	517	61	432	57	513	56	531	55	568	57	22
21	635	54	342	50	443	48	683	47	567	49	21
20	560	45	454	45	514	42	679	37	571	41	20
19	411	37	406	39	448	34	470	27	510	33	19
18	301	31	490	33	315	28	413	20	506	25	18
17	289	26	615	26	411	23	261	14	355	18	17
16	345	22	598	17	335	17	204	10	284	13	16
15	305	17	366	8	229	12	152	7	223	8	15
14	232	12	133	3	271	9	128	5	166	5	14
13	125	9	42	1	134	5	95	3	105	3	13
12	127	7	13	1	85	3	49	2	63	1	12
11	146	5	3	1	77	2	46	1	19	1	11
10	94	3	2	1	35	1	32	1	7	1	10
9	69	2	0	1	13	1	7	1	1	1	9
8	39	1	0	1	8	1	3	1	0	1	8
7	13	1	0	1	2	1	0	1	0	1	7
6	9	1	0	1	0	1	2	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	1	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
<b>Avg (SD)</b>	21.1 (5.7)		21.6 (4.8)		22.0 (5.6)		21.9 (4.5)		21.8 (4.6)		<b>Avg (SD)</b>

<sup>1</sup>CP 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: 6,871

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subtest Score Averages**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		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	206	100	53	100	128	100	184	100	231	100	36	100	31	100	18
17	204	97	42	99	252	98	430	97	331	97	66	99	30	100	17
16	302	94	302	99	451	94	331	91	397	92	190	99	214	99	16
15	395	90	470	94	524	88	518	86	493	86	228	96	335	96	15
14	399	84	448	87	540	80	464	79	512	79	638	92	588	91	14
13	479	78	658	81	529	72	636	72	554	71	742	83	904	83	13
12	582	71	961	71	790	65	641	63	738	63	796	72	735	69	12
11	702	63	915	57	702	53	757	53	761	53	1,104	61	893	59	11
10	1,010	52	774	44	797	43	703	42	684	42	977	45	1,050	46	10
9	701	38	789	33	743	31	496	32	548	32	1,001	30	752	30	9
8	474	28	527	21	570	21	528	25	733	24	513	16	607	19	8
7	492	21	386	14	467	12	394	17	540	13	305	8	327	11	7
6	364	13	164	8	186	6	385	11	242	5	102	4	197	6	6
5	269	8	180	6	100	3	246	6	64	2	83	3	90	3	5
4	163	4	140	3	47	1	97	2	25	1	41	1	59	2	4
3	89	2	58	1	38	1	51	1	16	1	39	1	32	1	3
2	33	1	3	1	6	1	10	1	2	1	2	1	21	1	2
1	7	1	1	1	1	1	0	1	0	1	8	1	6	1	1
Avg (SD)	10.6 (3.6)		10.8 (3.0)		11.3 (3.2)		11.2 (3.6)		11.4 (3.3)		10.9 (2.6)		10.9 (2.8)		Avg (SD)

<sup>1</sup>CP 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	21	22	22	22
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 6,871

**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 <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>6,871</b>	<b>86</b>	<b>22.3</b>	<b>18.7</b>
	African American/Black	85	75	19.1	17.2
	American Indian/Alaska Native	495	65	17.9	15.6
	Caucasian American/White	5,850	88	22.7	19.4
	Hispanic	87	79	20.3	16.2
	Asian American/Pacific Islander	70	84	23.5	20.2
	Other/No Response	284	78	21.6	19.1
National	<b>All Students</b>	<b>1,568,835</b>	<b>71</b>	<b>22.0</b>	<b>18.9</b>
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

<sup>1</sup>"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	<b>All Students</b>	21.1	21.6	22.0	21.9	21.8
	African American/Black	16.7	19.0	18.1	19.5	18.4
	American Indian/Alaska Native	15.4	17.2	17.5	17.6	17.1
	Caucasian American/White	21.7	22.0	22.5	22.4	22.3
	Hispanic	18.3	19.4	19.3	20.3	19.5
	Asian American/Pacific Islander	21.8	23.3	22.9	22.7	22.8
	Other/No Response	19.8	21.1	21.2	21.2	21.0
National	<b>All Students</b>	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6



Total Students in Report: 6,871

**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	231	3	145	2	281	4	108	2
	28 to 32	631	9	596	9	986	14	569	8
	24 to 27	1,346	20	1,745	25	1,352	20	1,733	25
	20 to 23	2,155	31	1,717	25	1,889	27	2,598	38
	16 to 19	1,346	20	2,109	31	1,509	22	1,348	20
	13 to 15	662	10	541	8	634	9	375	5
	01 to 12	500	7	18	0	220	3	140	2
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	3,155	46	20.7	22.4	22.0	22.6	22.1
	Females	3,709	54	21.4	20.9	22.1	21.4	21.6
	Missing	7	0	18.4	20.1	17.4	21.0	19.3
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

**Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender**

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	71	56	58	42	33
	Females	76	44	58	30	24
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 6,871

**Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	5,890	78	21.7	54	22.1	62	22.5	39	22.4	32	22.3
	Less than Core	895	49	17.7	21	18.4	36	19.1	14	19.1	9	18.7
	Missing <sup>3</sup>	86	35	15.6	17	17.6	23	17.5	15	18.3	8	17.4
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> Composite CRB% results reflect students who meet 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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	6,593	74	21.2	6,434	53	21.9	6,678	59	22.1	6,267	37	22.3
	Less than Core	204	69	19.7	359	4	16.2	120	28	18.4	531	11	18.5
	Missing <sup>3</sup>	74	38	16.1	78	17	17.4	73	26	17.8	73	16	18.5
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "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.

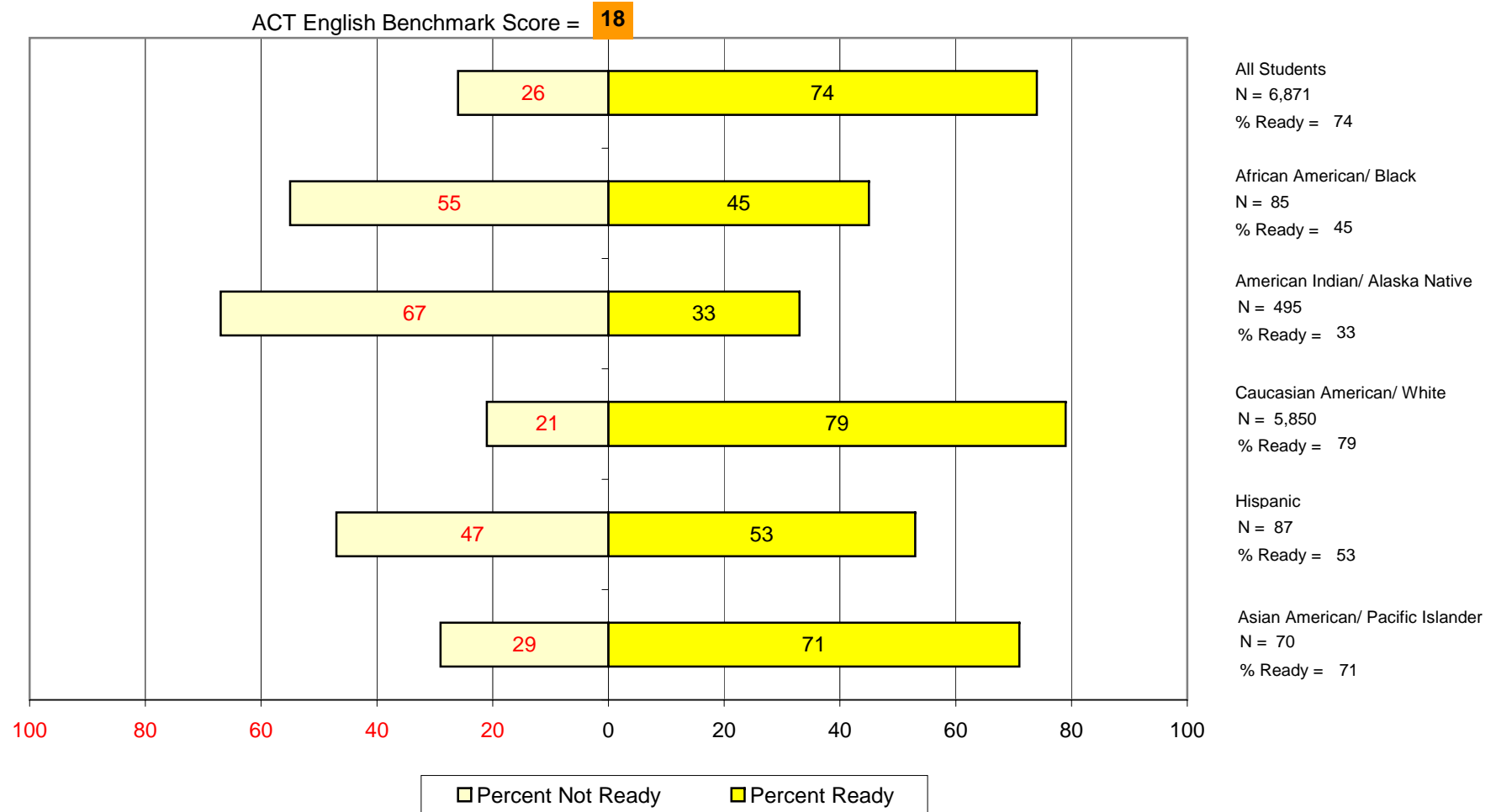
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

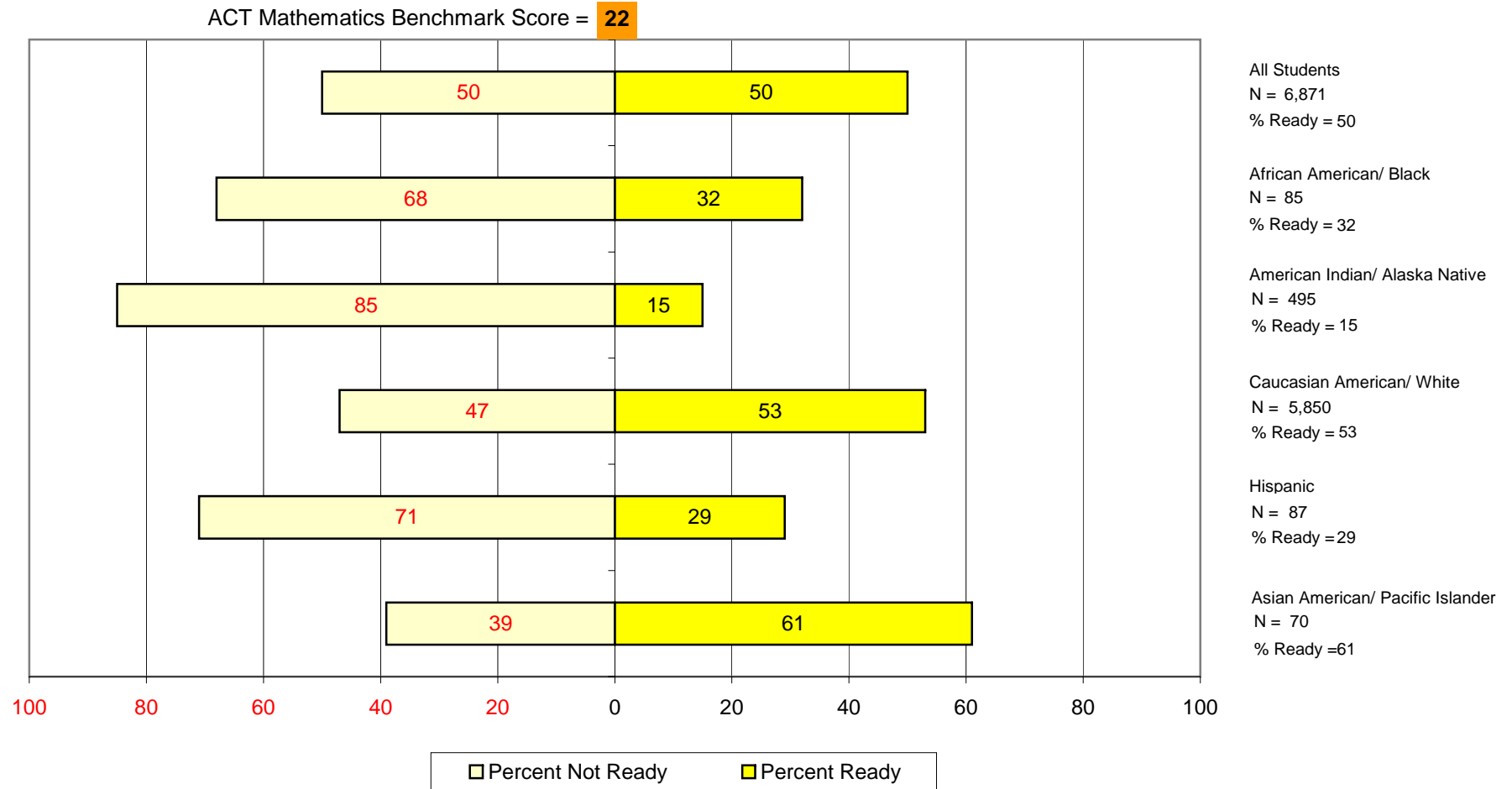
Total Students in Report: 6,871

**Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH**

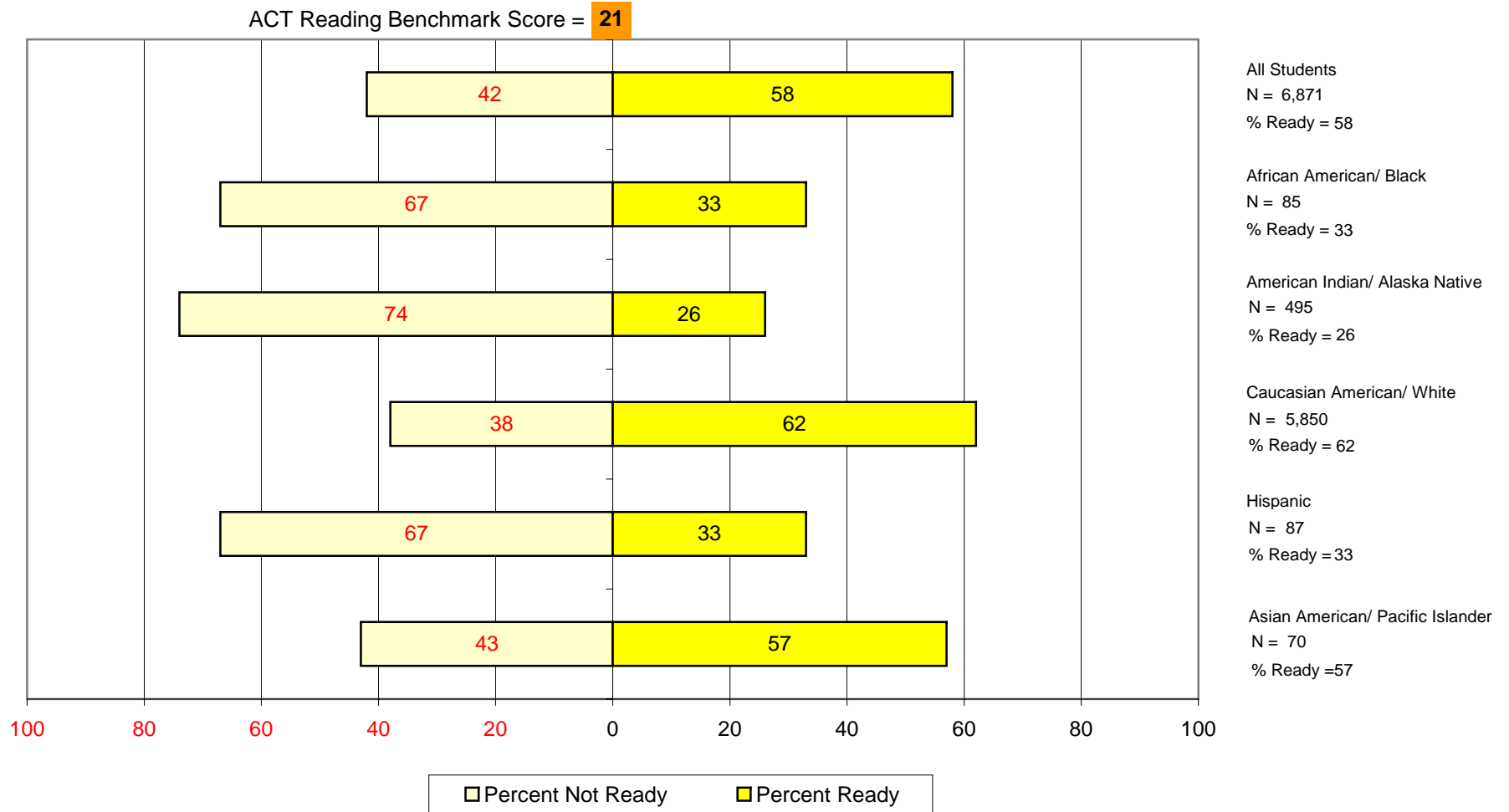


Total Students in Report: 6,871

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



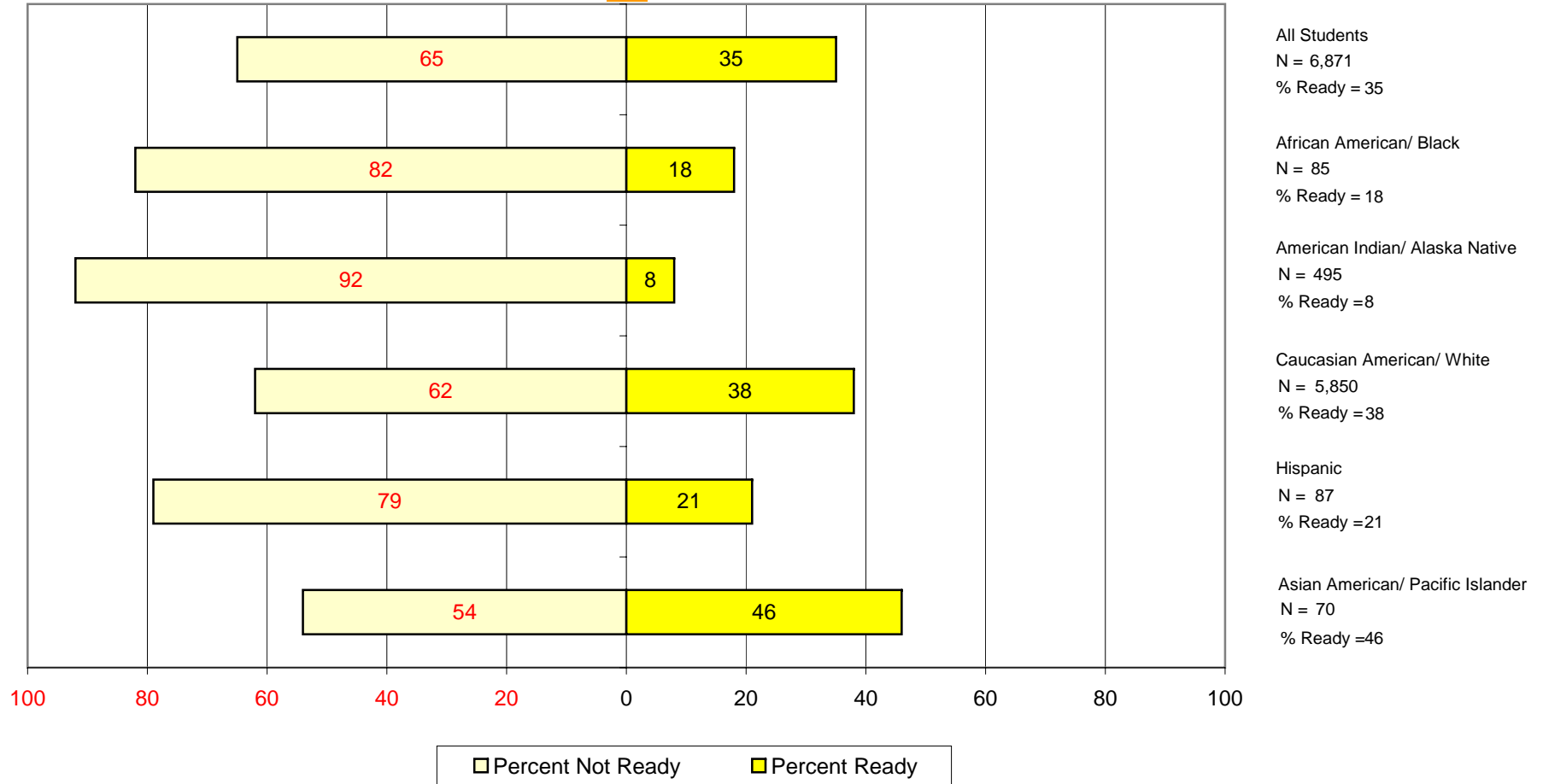
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 6,871

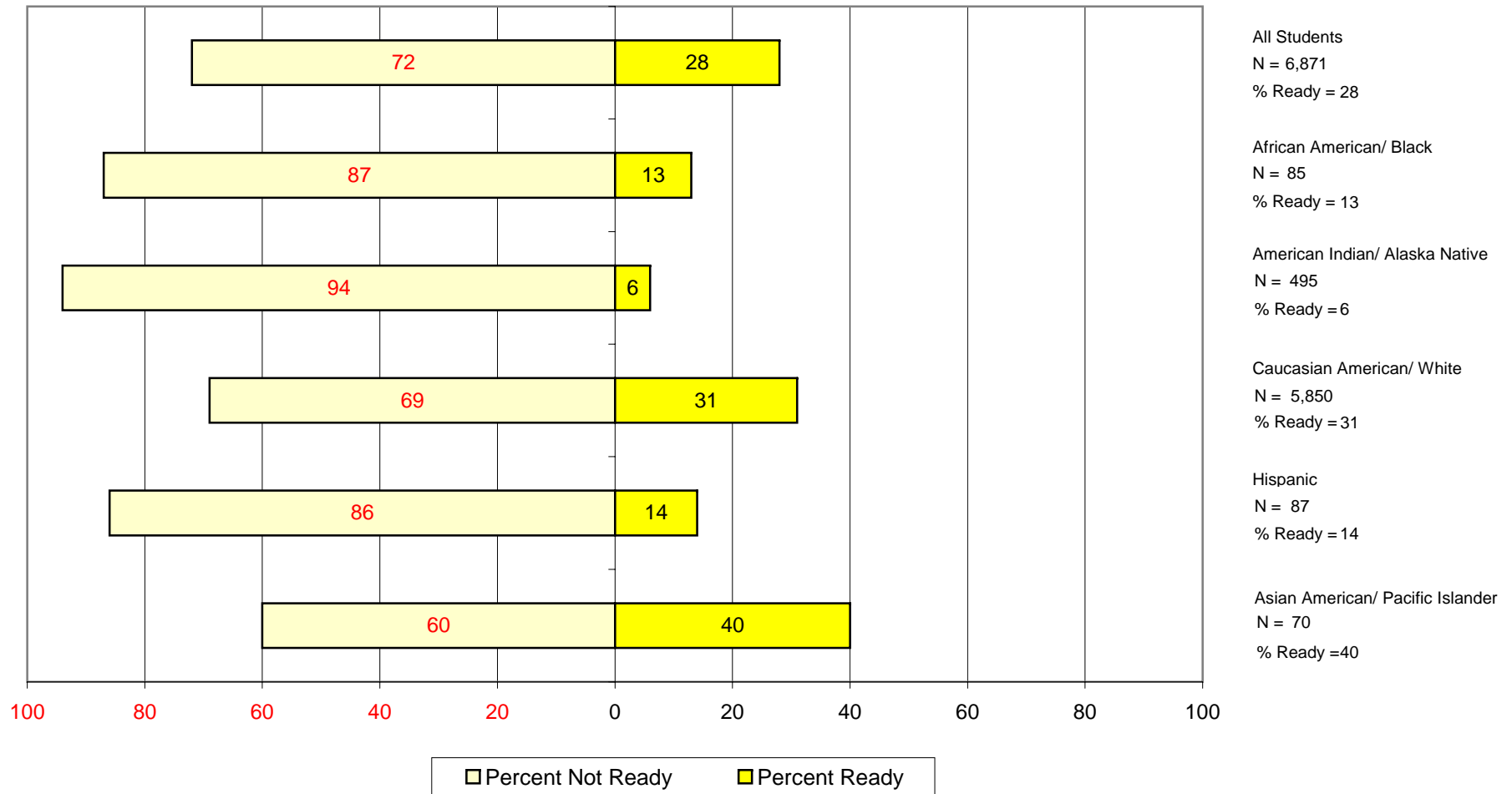
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 6,871

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





Total Students in Report: 6,871

**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 <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,724	25	22.2	2.5	695	22	21.6	2.0	1,029	28	22.6	2.9
Eng 9, Eng 10, Eng 11, Eng 12	4,869	71	20.8	1.1	2,315	73	20.6	1.0	2,548	69	21.0	1.3
Less than 4 years of English	204	3	19.7	-	105	3	19.6	-	98	3	19.7	-
Zero years / no English courses reported	74	1	16.1	-	40	1	17.5	-	34	1	14.5	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	366	5	24.8	8.6	175	6	26.0	9.4	190	5	23.7	7.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	529	8	22.3	6.1	211	7	23.4	6.8	318	9	21.6	5.7
Alg 1, Alg 2, Geom, & Trig	405	6	21.0	4.8	173	5	21.9	5.3	231	6	20.3	4.4
Alg 1, Alg 2, Geom, & Other Adv Math	1,005	15	21.3	5.1	403	13	22.1	5.5	600	16	20.8	4.9
Other comb of 4 or more years of Math	2,552	37	23.9	7.7	1,215	39	24.7	8.1	1,336	36	23.1	7.2
Alg 1, Alg 2, & Geom	1,109	16	18.3	2.1	506	16	19.0	2.4	601	16	17.7	1.8
Other comb of 3 or 3.5 years of Math	468	7	19.2	3.0	244	8	19.9	3.3	224	6	18.4	2.5
Less than 3 years of Math	359	5	16.2	-	185	6	16.6	-	174	5	15.9	-
Zero years / no Math courses reported	78	1	17.4	-	43	1	18.8	-	35	1	15.7	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	21	0	19.5	1.1	11	0	21.7	3.3	10	0	17.0	-1.3
Other comb of 4 or more years Social Science	5,093	74	22.5	4.1	2,270	72	22.5	4.1	2,818	76	22.5	4.2
US Hist, World Hist, & Am Gov	73	1	19.2	0.8	42	1	19.6	1.2	31	1	18.5	0.2
Other comb of 3 or 3.5 years of Social Science	1,491	22	21.0	2.6	732	23	21.0	2.6	758	20	21.1	2.8
Less than 3 years of Social Science	120	2	18.4	-	59	2	18.4	-	60	2	18.3	-
Zero years / no Social Science courses reported	73	1	17.8	-	41	1	19.2	-	32	1	16.1	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	2,765	40	23.2	4.7	1,421	45	24.0	5.1	1,342	36	22.5	4.4
Bio, Chem, Phys	210	3	26.1	7.6	112	4	26.9	8.0	96	3	25.3	7.2
Gen Sci <sup>2</sup> , Bio, Chem	3,039	44	21.2	2.7	1,171	37	21.6	2.7	1,865	50	21.0	2.9
Other comb of 3 years of Natural Science	253	4	21.2	2.7	155	5	21.5	2.6	98	3	20.7	2.6
Less than 3 years of Natural Science	531	8	18.5	-	256	8	18.9	-	275	7	18.1	-
Zero years / no Natural Science courses reported	73	1	18.5	-	40	1	19.7	-	33	1	17.2	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

<sup>2</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 6,871

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,724	25	22.2	79	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	4,869	71	20.8	73	1,096,437	70	20.5	66
Less than 4 years of English	204	3	19.7	69	74,180	5	16.4	39
Zero years / no English courses reported	74	1	16.1	38	43,106	3	15.7	34
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	366	5	24.8	77	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	529	8	22.3	60	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	405	6	21.0	45	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	1,005	15	21.3	49	239,289	15	20.0	36
Other comb of 4 or more years of Math	2,552	37	23.9	71	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	1,109	16	18.3	16	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	468	7	19.2	26	74,720	5	19.9	35
Less than 3 years of Math	359	5	16.2	4	97,949	6	16.4	7
Zero years / no Math courses reported	78	1	17.4	17	47,380	3	17.5	16
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	21	0	19.5	29	47,523	3	22.6	60
Other comb of 4 or more years Social Science	5,093	74	22.5	62	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	73	1	19.2	38	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	1,491	22	21.0	51	439,520	28	21.2	51
Less than 3 years of Social Science	120	2	18.4	28	156,679	10	19.5	39
Zero years / no Social Science courses reported	73	1	17.8	26	45,555	3	17.3	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	2,765	40	23.2	47	620,765	40	22.2	40
Bio, Chem, Phys	210	3	26.1	76	152,001	10	23.2	48
Gen Sci <sup>1</sup> , Bio, Chem	3,039	44	21.2	27	474,375	30	20.1	21
Other comb of 3 years of Natural Science	253	4	21.2	25	43,231	3	19.7	21
Less than 3 years of Natural Science	531	8	18.5	11	231,566	15	18.3	12
Zero years / no Natural Science courses reported	73	1	18.5	16	46,897	3	17.4	10

<sup>1</sup>Includes General, Physical and Earth Sciences.

# Section IV

## Career and Educational Aspirations

Total Students in Report: 6,871

**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 <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture Sciences & Technologies	249	4	19.5	66	8	17.7	169	3	20.2
Architecture & Environmental Design	138	2	21.8	16	2	18.4	116	2	22.2
Business & Management	476	7	21.2	46	6	18.0	412	7	21.6
Business & Office	39	1	19.8	7	1	17.3	31	1	20.3
Marketing & Distribution	32	0	21.1	5	1	17.2	25	0	21.8
Communications & Comm. Technologies	87	1	22.1	7	1	18.9	74	1	22.4
Community & Personal Services	163	2	19.7	38	5	17.8	116	2	20.3
Computer & Information Sciences	189	3	22.4	24	3	19.6	157	3	23.0
Cross-Disciplinary Studies	9	0	21.7	0	0	.	8	0	22.4
Education	269	4	21.5	10	1	15.9	246	4	21.7
Teacher Education	235	3	21.2	7	1	18.4	216	4	21.5
Engineering	229	3	23.9	18	2	16.9	200	4	24.6
Engineering-Related Technologies	207	3	23.5	36	5	18.9	160	3	24.6
Foreign Languages	22	0	22.4	3	0	16.3	15	0	23.1
Health Sciences & Allied Health Fields	1,614	23	21.7	173	22	18.4	1,396	25	22.1
Human, Family & Consumer Science	98	1	19.3	24	3	17.7	70	1	20.0
Letters	29	0	24.1	0	0	.	27	0	24.2
Mathematics	60	1	24.6	6	1	21.8	50	1	25.1
Philosophy, Religion & Theology	39	1	23.3	0	0	.	34	1	23.1
Sciences (Biological & Physical)	449	7	24.0	13	2	18.8	424	7	24.2
Social Sciences	393	6	23.2	7	1	17.0	374	7	23.4
Trade & Industrial	156	2	18.6	111	14	18.1	38	1	20.3
Visual & Performing Arts	354	5	21.7	35	4	17.7	299	5	22.3
Undecided	1,204	18	21.9	129	16	17.8	983	17	22.5
No Response	131	2	18.2	5	1	17.8	21	0	18.6

<sup>1</sup>2-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.

<sup>2</sup>Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 6,871

**Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations**

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	325	18.2	1	20.0	20	15.8	291	18.4	4	18.0	1	17.0	8	17.3
2-yr College Degree	461	18.0	2	16.0	67	14.8	365	18.7	4	17.8	3	14.7	20	16.7
Bachelors Degree	3,423	21.4	36	17.6	192	17.2	3,024	21.8	44	19.2	20	20.5	107	20.4
Graduate Study	722	24.0	10	19.0	27	19.9	629	24.4	5	20.6	17	25.6	34	21.9
Prof. Level Degree	1,516	23.9	26	20.6	111	18.8	1,248	24.6	24	20.6	24	25.0	83	23.1
Other	170	19.7	5	16.4	24	14.9	128	20.6	1	13.0	1	21.0	11	21.1
No Response	254	20.3	5	15.2	54	15.9	165	22.0	5	19.6	4	18.0	21	20.0

Total Students in Report: 6,871

**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	2,395	1,140	1,255	0	4	22	33	29	11	1
UNIVERSITY OF SOUTH DAKOTA	South Dakota	1,631	489	1,142	1	4	22	32	29	10	1
BLACK HILLS STATE UNIVERSITY	South Dakota	803	332	471	1	7	27	37	21	6	0
NORTHERN STATE UNIVERSITY	South Dakota	569	165	404	1	6	27	33	26	7	0
DAKOTA STATE UNIVERSITY	South Dakota	496	159	337	1	4	26	35	27	8	0
AUGUSTANA COLLEGE	South Dakota	451	127	324	1	4	14	30	34	16	1
UNIVERSITY OF SIOUX FALLS	South Dakota	437	88	349	1	5	24	36	26	8	0
SOUTH DAKOTA SCH OF MINES/TECH	South Dakota	430	174	256	1	2	12	22	37	25	2
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	410	129	281	0	2	12	25	36	23	2
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	362	94	268	0	1	10	20	41	24	3
SOUTHEAST TECHNICAL INSTITUTE	South Dakota	334	112	222	4	16	32	33	14	1	0
LAKE AREA TECHNICAL INSTITUTE	South Dakota	308	136	172	1	14	39	31	12	2	0
NORTH DAKOTA STATE UNIVERSITY	North Dakota	232	37	195	0	4	23	30	34	7	1
MINNESOTA STATE UNIVERSITY MANKATO	Minnesota	231	65	166	0	3	20	32	30	16	0
MITCHELL TECHNICAL INSTITUTE	South Dakota	223	77	146	2	13	33	38	13	1	0
DAKOTA WESLEYAN UNIVERSITY	South Dakota	213	60	153	2	4	27	38	23	5	0
WESTERN DAKOTA TECHNICAL INSTITUTE	South Dakota	173	55	118	7	23	38	27	3	2	0
IOWA STATE UNIVERSITY	Iowa	126	24	102	0	4	7	22	38	26	2
MOUNT MARTY COLLEGE	South Dakota	121	31	90	0	6	33	36	19	7	0
MINNESOTA STATE UNIVERSITY MOORHEAD	Minnesota	113	25	88	1	3	28	31	30	7	0
UNIVERSITY OF NORTH DAKOTA	North Dakota	109	36	73	0	3	24	22	33	18	0
UNIVERSITY OF WYOMING	Wyoming	106	19	87	0	6	21	31	32	10	0
COLORADO STATE UNIVERSITY	Colorado	99	26	73	0	4	15	28	32	19	1
CHADRON STATE COLLEGE	Nebraska	83	29	54	4	11	28	29	22	7	0
NCAA ELIGIBILITY CENTER	Indiana	83	42	41	0	4	23	29	28	17	0
CREIGHTON UNIVERSITY	Nebraska	78	21	57	1	1	9	18	38	28	4
SOUTHWEST MINNESOTA STATE UNIVERSITY	Minnesota	74	20	54	0	3	22	47	24	4	0
UNIVERSITY OF IOWA	Iowa	72	14	58	0	3	8	28	33	26	1
HASKELL INDIAN NATIONS UNIVERSITY	Kansas	65	25	40	17	46	28	8	2	0	0
UNIVERSITY OF MINNESOTA-MORRIS	Minnesota	65	25	40	3	12	18	22	29	15	0
All Other Institutions		3,463	891	2,572	2	8	20	25	26	17	2
<b>Total</b>		<b>14,355</b>	<b>4,667</b>	<b>9,688</b>	<b>1</b>	<b>6</b>	<b>22</b>	<b>30</b>	<b>27</b>	<b>12</b>	<b>1</b>

# Section V Optional Writing Test Results

Total Students in Report: 6,871

**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
<b>All Students</b>	<b>1,599</b>	<b>869,014</b>	<b>23.5</b>	<b>21.4</b>	<b>7.2</b>	<b>7.1</b>	<b>22.3</b>	<b>20.8</b>
African American/Black	26	107,638	18.1	16.4	6.7	6.4	17.9	16.4
American Indian/Alaska Native	111	6,232	18.4	18.9	6.2	6.6	17.8	18.4
Caucasian American/White	1,309	518,004	24.2	23.0	7.3	7.3	22.9	22.1
Hispanic	31	101,126	19.5	18.1	7.0	6.9	19.3	18.1
Asian American/Pacific Islander	25	49,922	25.1	23.6	8.1	7.7	24.5	22.9
Other/No Response	97	86,092	22.4	21.0	7.0	7.1	21.3	20.4
Males	686	384,152	23.3	21.1	7.0	6.9	22.0	20.3
Females	911	484,023	23.6	21.7	7.3	7.3	22.6	21.2
Missing	2	839	20.0	16.8	6.0	6.3	18.5	16.6





