

# ACT Profile Report - State

Graduating Class 2010  
Nebraska



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## Table of Contents

<p><b>Section I: Executive Summary</b></p> <ul style="list-style-type: none"> <li>Percent of Your Students Ready for College-Level Coursework</li> <li>Five Year Trends—Percent of Students Meeting College Readiness Benchmarks</li> <li>Five Year Trends—Average ACT Scores</li> <li>Five Year Trends—Average ACT Scores by Level of Preparation</li> <li>Five Year Trends—Percent and Average Composite Score by Race/Ethnicity</li> <li>Percent of Students in College Readiness Standards Score Ranges</li> </ul>	<p><b>Page 5</b></p>
<p><b>Section II: Academic Achievement</b></p> <ul style="list-style-type: none"> <li>ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values</li> <li>Average ACT Composite Scores for Race/Ethnicity by Level of Preparation</li> <li>Average ACT Scores by Race/Ethnicity</li> <li>Percent of Students in College Readiness Standards Score Ranges</li> <li>Average ACT Scores by Gender</li> <li>Percent of Students Meeting College Readiness Benchmark Scores by Gender</li> <li>College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum</li> <li>College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum</li> </ul>	<p><b>Page 11</b></p>
<p><b>Section III: College Readiness &amp; Impact of Course Rigor</b></p> <ul style="list-style-type: none"> <li>Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity</li> <li>Average ACT Scores and Average ACT Score Changes by Common Course Patterns</li> <li>College Readiness Percents by Common Course Patterns</li> </ul>	<p><b>Page 17</b></p>
<p><b>Section IV: Career and Educational Aspirations</b></p> <ul style="list-style-type: none"> <li>Distribution of Planned Educational Majors for All Students by College Plans</li> <li>Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations</li> <li>Students' Score Report Preferences at Time of Testing</li> </ul>	<p><b>Page 25</b></p>
<p><b>Section V: Optional Writing Test Results</b></p> <ul style="list-style-type: none"> <li>Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing</li> </ul>	<p><b>Page 29</b></p>

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

29% 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:** 16,172 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. 80% 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 4% of the cohort took less than three years of math courses. Of these students, 6% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 58% 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 12% of the cohort took less than three years of natural science courses. 12% of these students were college ready. In comparison, 39% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES:** Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 40% 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.

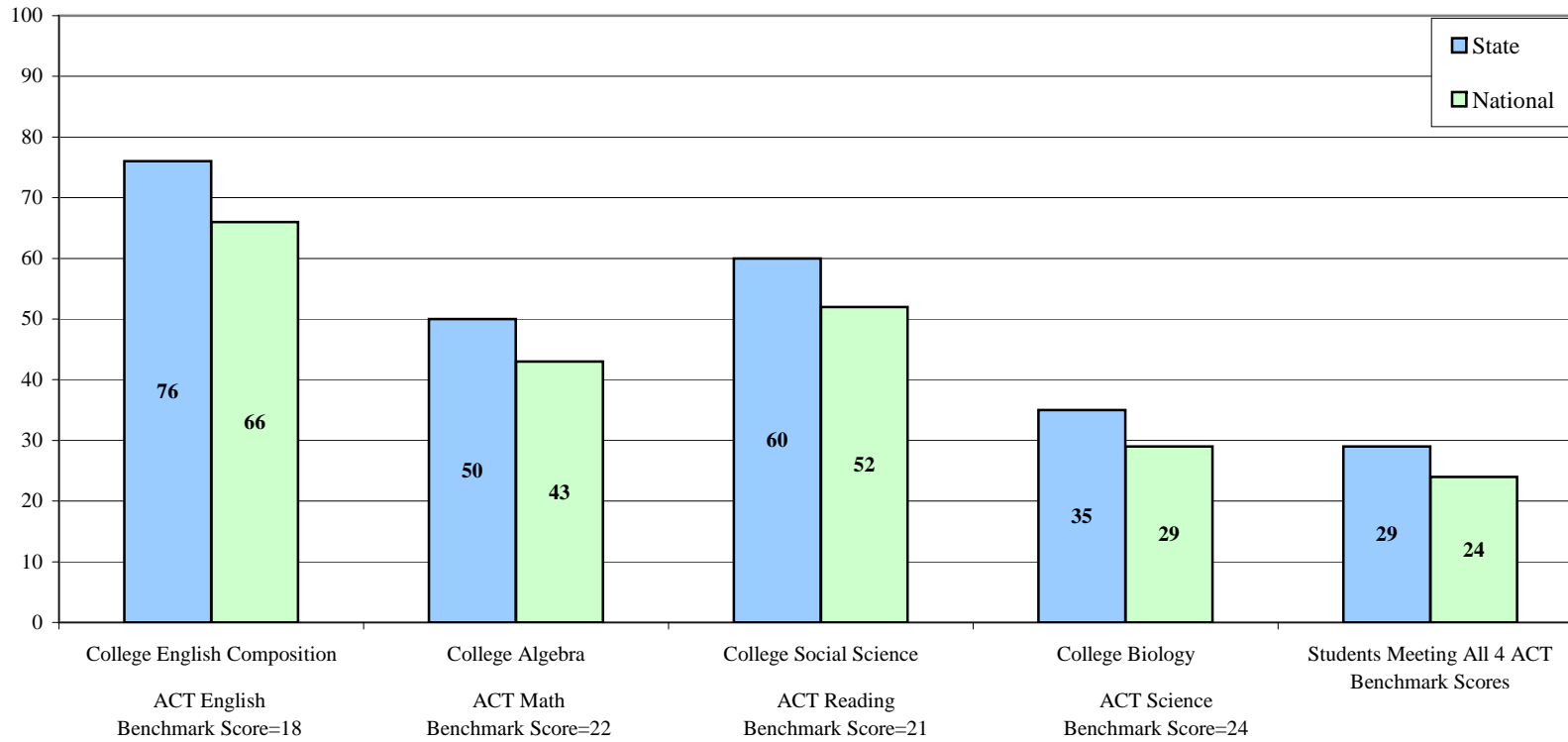
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 303-337-3273.

# Section I

## Executive Summary

Total Students in Report: 16,172

**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: 16,172

**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	15,892	1,206,455	76	69	48	42	59	53	33	27	26	21
2007	16,137	1,300,599	77	69	49	43	58	53	34	28	27	23
2008	16,573	1,421,941	77	68	49	43	60	53	35	28	27	22
2009	16,286	1,480,469	76	67	49	42	61	53	36	28	29	23
<b>2010</b>	<b>16,172</b>	<b>1,568,835</b>	<b>76</b>	<b>66</b>	<b>50</b>	<b>43</b>	<b>60</b>	<b>52</b>	<b>35</b>	<b>29</b>	<b>29</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	15,892	1,206,455	21.5	20.6	21.6	20.8	22.2	21.4	21.8	20.9	21.9	21.1
2007	16,137	1,300,599	21.8	20.7	21.8	21.0	22.4	21.5	21.9	21.0	22.1	21.2
2008	16,573	1,421,941	21.8	20.6	21.8	21.0	22.5	21.4	21.9	20.8	22.1	21.1
2009	16,286	1,480,469	21.9	20.6	21.8	21.0	22.5	21.4	22.0	20.9	22.1	21.1
<b>2010</b>	<b>16,172</b>	<b>1,568,835</b>	<b>21.8</b>	<b>20.5</b>	<b>21.6</b>	<b>21.0</b>	<b>22.4</b>	<b>21.3</b>	<b>22.0</b>	<b>20.9</b>	<b>22.1</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: 16,172

**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									
					English		Mathematics		Reading		Science		Composite	
	Core or More <sup>1</sup>	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	Core or More	Less than Core	Core or More	Less than Core
2006	10,133	4,517	64	28	22.5	19.7	22.4	20.0	23.0	20.6	22.5	20.5	22.7	20.3
2007	9,539	4,458	59	28	22.7	19.8	22.6	20.1	23.2	20.8	22.6	20.5	22.9	20.4
2008	11,934	3,944	72	24	22.6	19.5	22.6	19.7	23.2	20.6	22.5	20.1	22.8	20.1
2009	12,701	3,346	78	21	22.7	19.1	22.5	19.4	23.2	20.1	22.6	19.9	22.9	19.8
<b>2010</b>	<b>12,870</b>	<b>3,053</b>	<b>80</b>	<b>19</b>	<b>22.7</b>	<b>18.9</b>	<b>22.3</b>	<b>19.1</b>	<b>23.1</b>	<b>20.1</b>	<b>22.7</b>	<b>19.8</b>	<b>22.8</b>	<b>19.6</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.

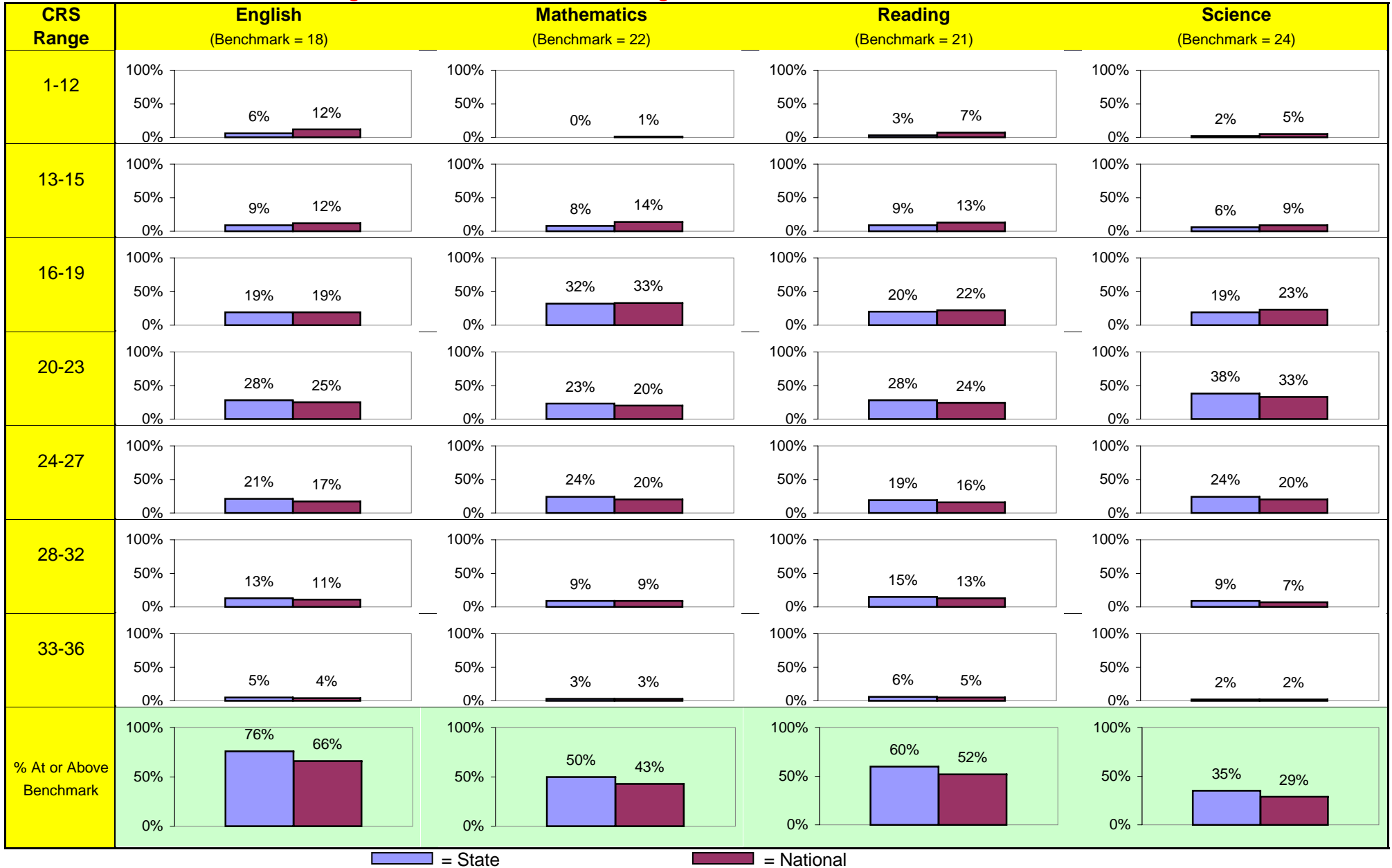
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**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>15,892</b>	<b>100</b>	<b>21.9</b>	<b>16,137</b>	<b>100</b>	<b>22.1</b>	<b>16,573</b>	<b>100</b>	<b>22.1</b>	<b>16,286</b>	<b>100</b>	<b>22.1</b>	<b>16,172</b>	<b>100</b>	<b>22.1</b>
African American/Black	528	3	17.7	508	3	17.9	575	3	17.5	647	4	17.7	674	4	17.8
American Indian/Alaska Native	102	1	18.8	96	1	19.1	124	1	19.1	117	1	19.3	105	1	19.1
Caucasian American/White	13,208	83	22.3	12,839	80	22.4	13,788	83	22.5	13,579	83	22.6	13,375	83	22.6
Hispanic	591	4	19.0	585	4	19.2	712	4	19.5	852	5	19.1	920	6	19.1
Asian American/Pacific Islander	305	2	21.9	292	2	22.7	323	2	22.9	281	2	22.4	303	2	23.0
Other/No Response	1,158	7	21.5	1,817	11	22.1	1,051	6	21.8	810	5	21.4	795	5	20.9

Total Students in Report: 16,172

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





# Section II

# Academic Achievement

Total Students in Report: 16,172

**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	61	100	34	100	103	100	49	100	8	100	36
35	225	100	116	100	115	99	84	100	40	100	35
34	198	98	125	99	315	99	68	99	81	100	34
33	288	97	199	98	372	97	143	99	160	99	33
32	279	95	188	97	318	94	43	98	233	98	32
31	325	94	194	96	475	92	226	98	312	97	31
30	458	91	299	95	559	90	331	96	411	95	30
29	359	89	316	93	568	86	385	94	471	92	29
28	661	86	538	91	566	83	441	92	624	89	28
27	504	82	715	88	595	79	700	89	702	86	27
26	918	79	897	83	671	75	808	85	838	81	26
25	824	74	1,079	78	914	71	1,262	80	1,007	76	25
24	1,152	68	1,250	71	939	66	1,188	72	1,141	70	24
23	902	61	1,107	63	892	60	1,589	65	1,240	63	23
22	1,117	56	978	56	1,293	54	1,302	55	1,288	55	22
21	1,288	49	715	50	1,059	46	1,612	47	1,309	47	21
20	1,145	41	944	46	1,294	40	1,590	37	1,324	39	20
19	934	34	964	40	847	32	1,031	27	1,131	31	19
18	658	28	1,165	34	683	26	1,041	21	1,038	24	18
17	648	24	1,484	27	1,047	22	546	14	852	17	17
16	778	20	1,492	18	682	16	421	11	669	12	16
15	701	15	863	8	503	12	425	8	510	8	15
14	508	11	385	3	605	8	300	5	394	5	14
13	279	8	89	1	306	5	293	4	227	2	13
12	273	6	24	1	215	3	128	2	117	1	12
11	296	4	8	1	138	1	79	1	33	1	11
10	157	2	1	1	60	1	54	1	8	1	10
9	127	1	2	1	21	1	22	1	3	1	9
8	78	1	1	1	13	1	8	1	1	1	8
7	20	1	0	1	1	1	1	1	0	1	7
6	7	1	0	1	0	1	1	1	0	1	6
5	3	1	0	1	2	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
<b>Avg (SD)</b>	21.8 (5.9)		21.6 (5.0)		22.4 (5.8)		22.0 (4.6)		22.1 (4.8)		<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: 16,172

**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	735	100	269	100	408	100	593	100	667	100	147	100	172	100	18
17	570	95	91	98	695	97	1,138	96	970	96	168	99	96	99	17
16	743	92	1,129	98	1,206	93	1,077	89	968	90	549	98	480	98	16
15	1,239	87	1,435	91	1,343	86	1,364	83	1,097	84	560	95	926	95	15
14	857	80	1,199	82	1,090	77	823	74	1,162	77	1,538	91	1,503	90	14
13	1,347	74	1,660	75	1,193	71	1,439	69	1,205	70	1,681	82	1,736	80	13
12	1,219	66	2,155	64	2,123	63	1,399	60	1,584	62	1,849	71	1,868	70	12
11	1,464	59	1,990	51	1,516	50	1,951	52	1,695	53	2,322	60	1,999	58	11
10	2,128	49	1,542	39	1,624	41	1,386	40	1,505	42	2,236	45	2,375	46	10
9	1,635	36	1,765	29	2,068	31	1,140	31	1,390	33	2,543	32	1,657	31	9
8	1,126	26	1,145	18	1,141	18	1,268	24	1,655	24	1,202	16	1,572	21	8
7	1,141	19	761	11	1,041	11	822	16	1,437	14	722	9	632	11	7
6	853	12	351	6	390	4	837	11	574	5	172	4	592	7	6
5	521	7	340	4	192	2	613	6	151	2	257	3	244	3	5
4	366	4	221	2	61	1	215	2	82	1	73	1	137	2	4
3	181	1	108	1	59	1	78	1	22	1	119	1	111	1	3
2	42	1	11	1	19	1	27	1	8	1	2	1	58	1	2
1	5	1	0	1	3	1	2	1	0	1	32	1	14	1	1
Avg (SD)	10.9 (3.7)		11.3 (3.1)		11.5 (3.3)		11.5 (3.7)		11.5 (3.5)		10.9 (2.7)		10.9 (2.9)		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)	26	25	26	25	25
Q2 (50th Percentile)	22	21	22	22	22
Q1 (25th Percentile)	18	17	18	19	19

Total Students in Report: 16,172

**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>16,172</b>	<b>80</b>	<b>22.8</b>	<b>19.6</b>
	African American/Black	674	79	18.2	16.1
	American Indian/Alaska Native	105	68	20.3	16.7
	Caucasian American/White	13,375	80	23.3	20.0
	Hispanic	920	74	19.8	17.4
	Asian American/Pacific Islander	303	84	23.6	19.9
	Other/No Response	795	73	21.8	19.2
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>	21.8	21.6	22.4	22.0	22.1
	African American/Black	16.9	17.5	18.0	18.1	17.8
	American Indian/Alaska Native	18.0	18.6	19.8	19.5	19.1
	Caucasian American/White	22.4	22.1	22.9	22.5	22.6
	Hispanic	18.2	18.8	19.4	19.4	19.1
	Asian American/Pacific Islander	22.3	23.5	22.7	22.8	23.0
	Other/No Response	20.5	20.4	21.2	21.0	20.9
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: 16,172

**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	772	5	474	3	905	6	344	2
	28 to 32	2,082	13	1,535	9	2,486	15	1,426	9
	24 to 27	3,398	21	3,941	24	3,119	19	3,958	24
	20 to 23	4,452	28	3,744	23	4,538	28	6,093	38
	16 to 19	3,018	19	5,105	32	3,259	20	3,039	19
	13 to 15	1,488	9	1,337	8	1,414	9	1,018	6
	01 to 12	962	6	36	0	451	3	294	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	7,588	47	21.5	22.4	22.4	22.7	22.4
	Females	8,579	53	22.2	21.0	22.5	21.5	21.9
	Missing	5	0	11.4	13.2	12.6	13.8	12.6
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	74	55	60	41	33
	Females	78	45	61	30	25
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 16,172

**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>	12,870	81	22.7	56	22.3	65	23.1	40	22.7	34	22.8
	Less than Core	3,053	58	18.9	28	19.1	44	20.1	16	19.8	11	19.6
	Missing <sup>3</sup>	249	37	15.8	15	17.3	24	17.3	8	18.0	6	17.3
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>	15,455	77	22.0	15,220	52	22.0	15,130	61	22.6	14,091	39	22.5
	Less than Core	531	54	18.4	720	6	16.6	849	47	20.4	1,880	12	19.3
	Missing <sup>3</sup>	186	44	16.8	232	15	17.3	193	27	17.7	201	9	18.4
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.

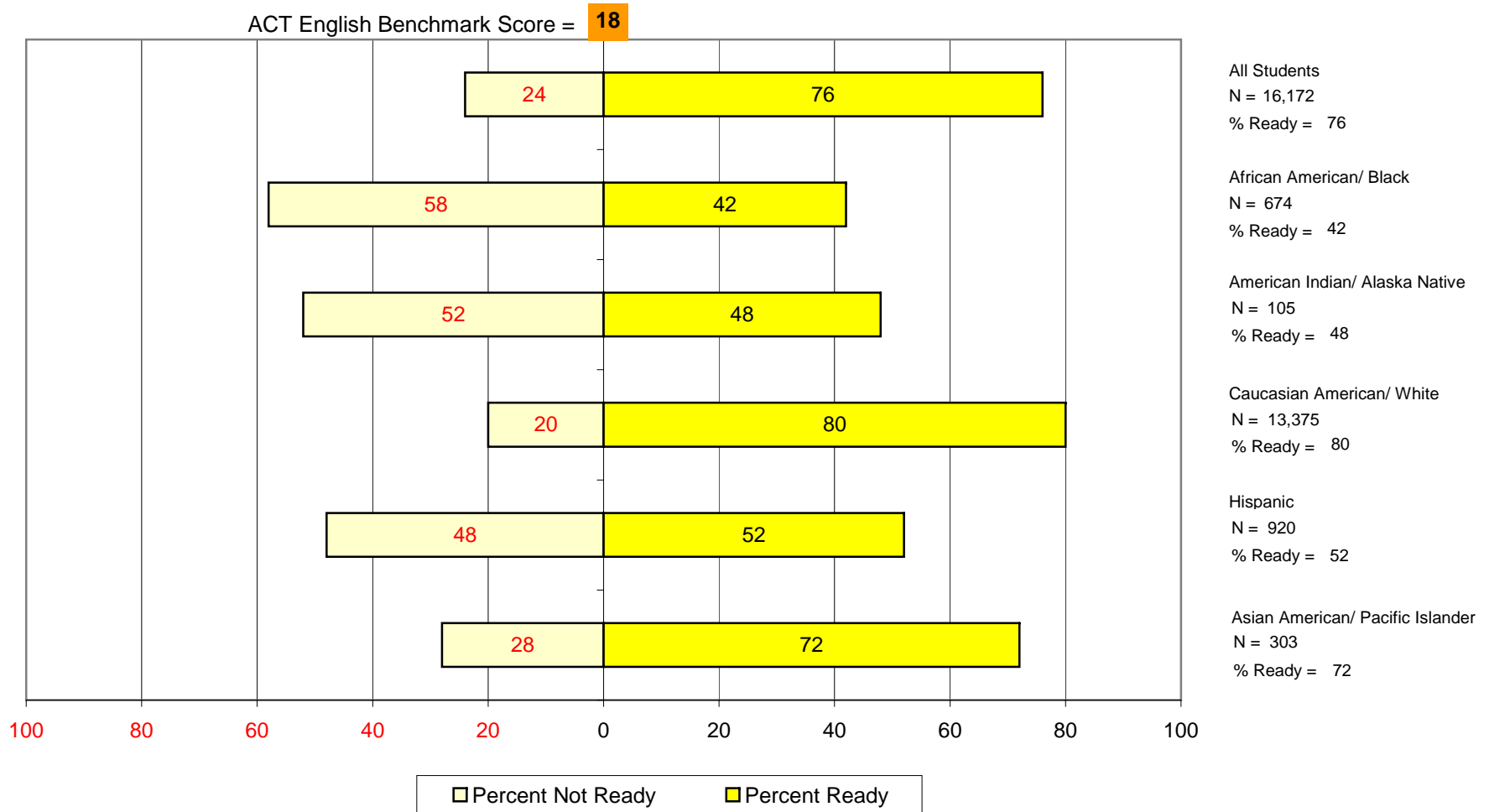
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

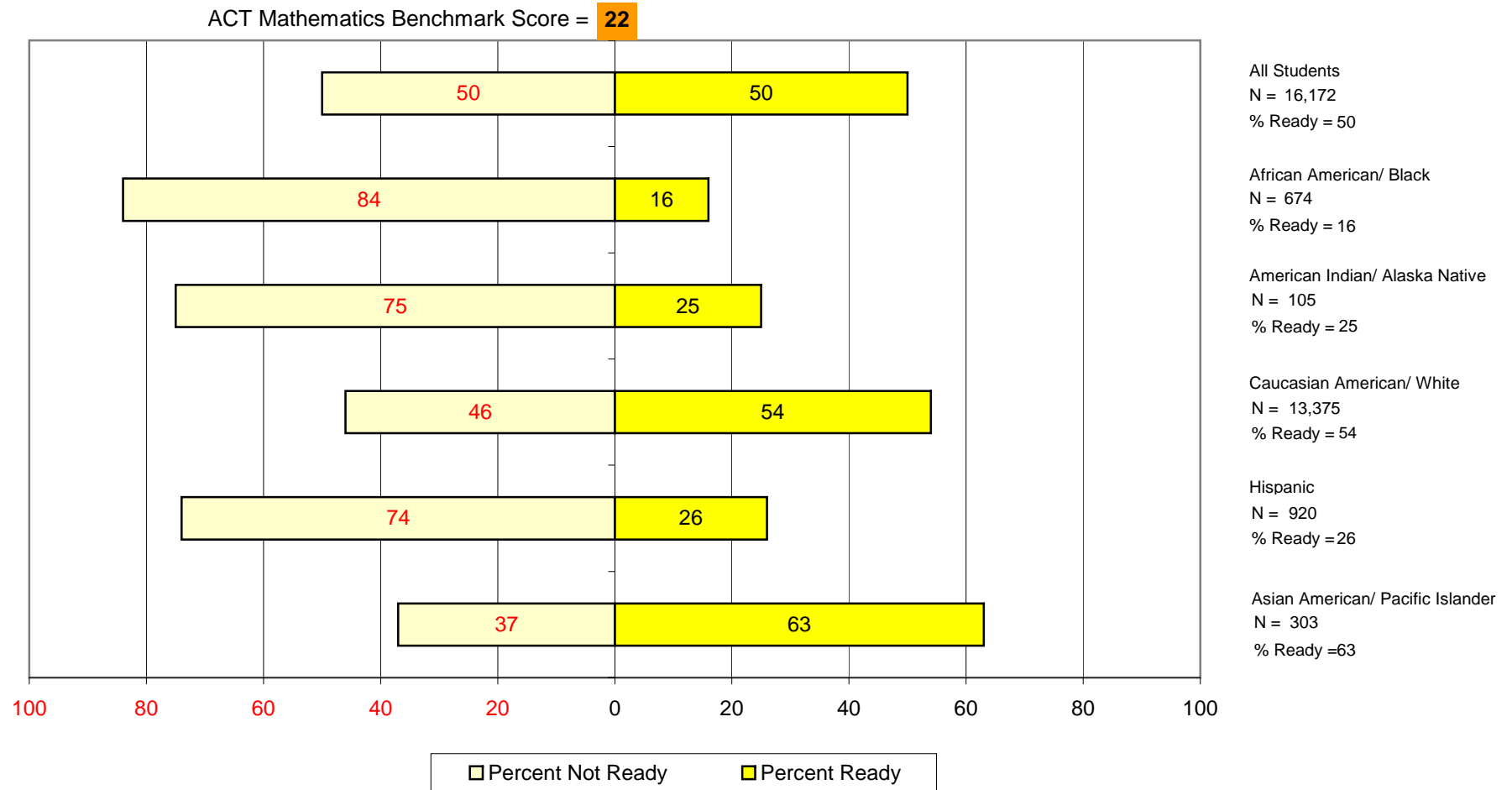
Total Students in Report: 16,172

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



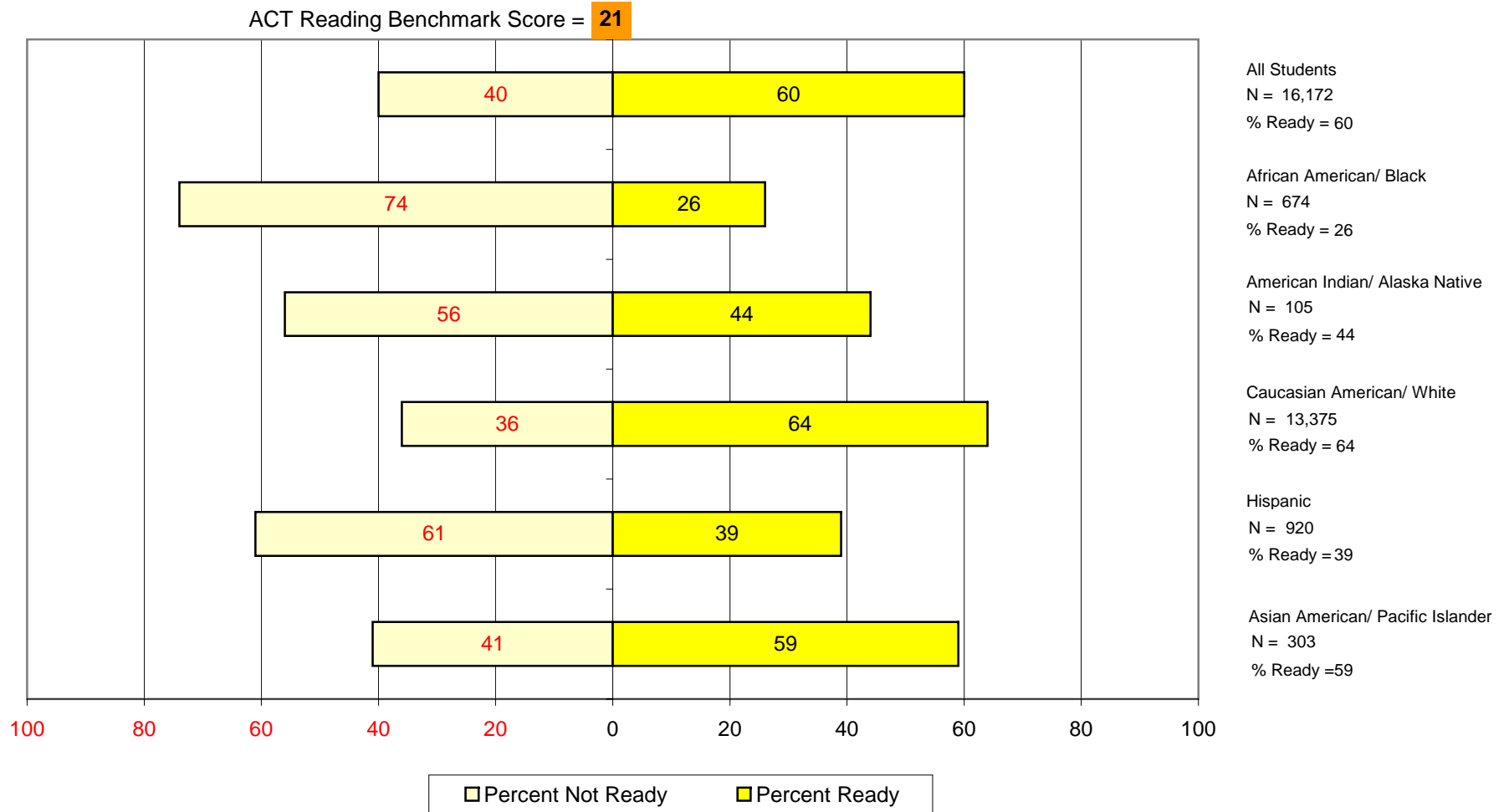
Total Students in Report: 16,172

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



Total Students in Report: 16,172

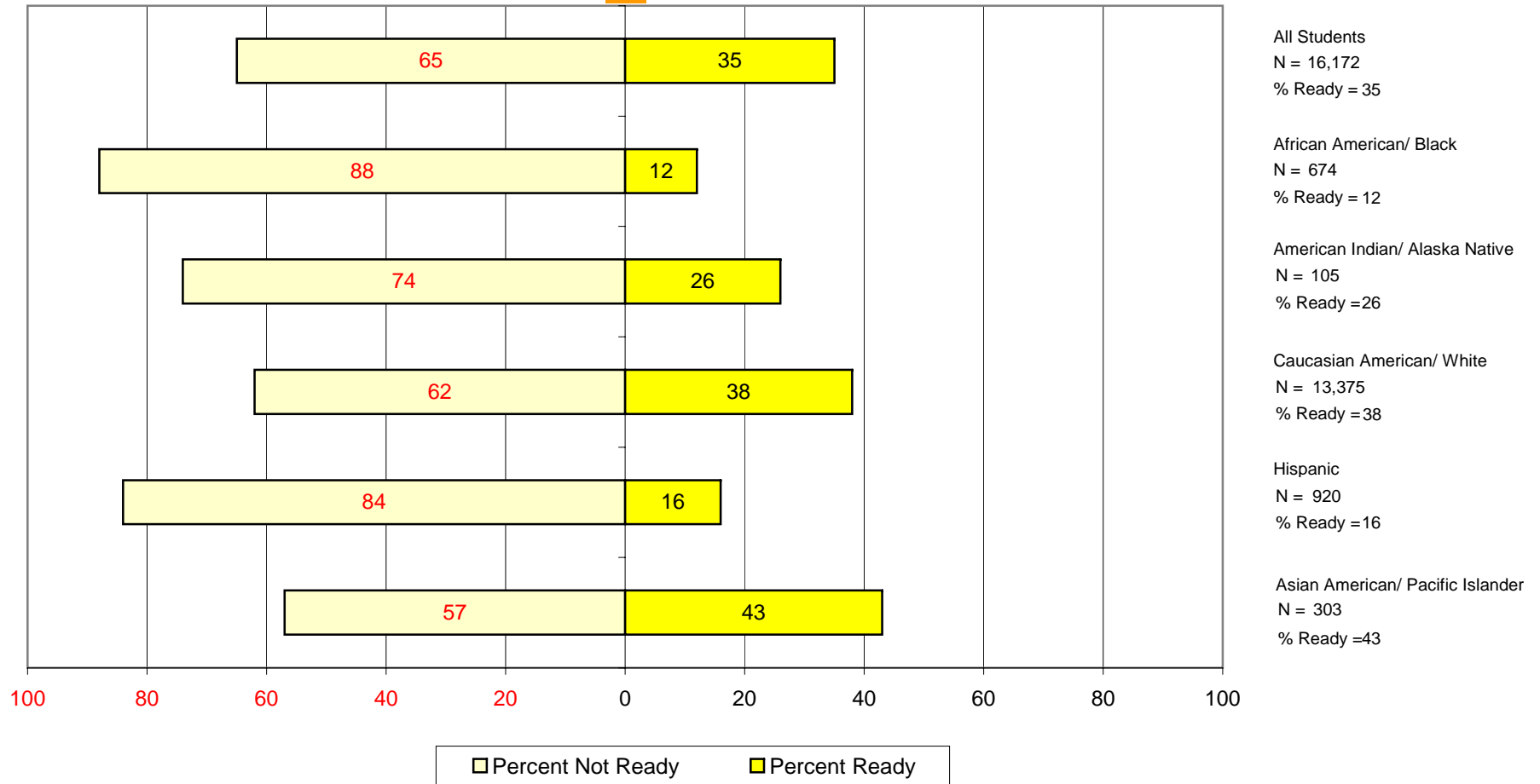
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 16,172

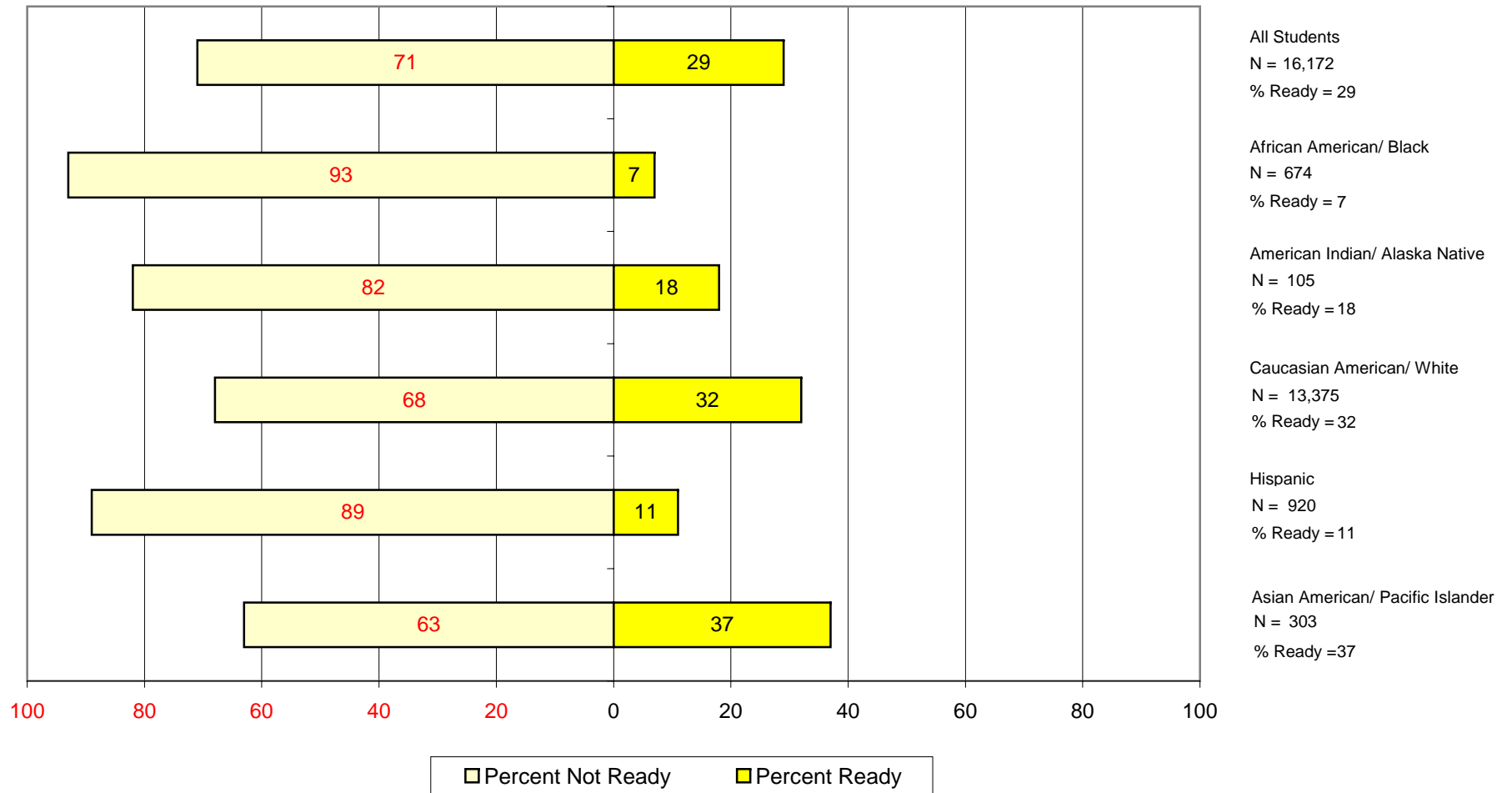
**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE**

ACT Science Benchmark Score = **24**



Total Students in Report: 16,172

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





Total Students in Report: 16,172

**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	5,168	32	23.1	4.7	2,241	30	22.8	5.0	2,927	34	23.3	4.3
Eng 9, Eng 10, Eng 11, Eng 12	10,287	64	21.5	3.1	5,004	66	21.2	3.4	5,282	62	21.8	2.8
Less than 4 years of English	531	3	18.4	-	254	3	17.8	-	276	3	19.0	-
Zero years / no English courses reported	186	1	16.8	-	89	1	16.5	-	94	1	17.2	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,053	7	24.7	8.1	519	7	25.1	8.3	534	6	24.2	7.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,839	11	21.9	5.3	745	10	22.5	5.7	1,094	13	21.4	5.0
Alg 1, Alg 2, Geom, & Trig	1,209	7	20.7	4.1	583	8	21.1	4.3	626	7	20.3	3.9
Alg 1, Alg 2, Geom, & Other Adv Math	2,987	18	20.2	3.6	1,213	16	20.8	4.0	1,774	21	19.8	3.4
Other comb of 4 or more years of Math	5,537	34	24.3	7.7	2,877	38	25.0	8.2	2,660	31	23.5	7.1
Alg 1, Alg 2, & Geom	1,943	12	17.7	1.1	852	11	18.3	1.5	1,091	13	17.3	0.9
Other comb of 3 or 3.5 years of Math	652	4	20.9	4.3	325	4	21.3	4.5	327	4	20.5	4.1
Less than 3 years of Math	720	4	16.6	-	365	5	16.8	-	353	4	16.4	-
Zero years / no Math courses reported	232	1	17.3	-	109	1	18.0	-	120	1	16.8	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	446	3	23.7	3.3	204	3	22.3	2.0	242	3	24.9	4.4
Other comb of 4 or more years Social Science	9,239	57	22.8	2.4	4,281	56	22.9	2.6	4,958	58	22.7	2.2
US Hist, World Hist, & Am Gov	953	6	21.9	1.5	521	7	21.9	1.6	431	5	21.8	1.3
Other comb of 3 or 3.5 years of Social Science	4,492	28	22.2	1.8	2,080	27	22.2	1.9	2,412	28	22.2	1.7
Less than 3 years of Social Science	849	5	20.4	-	407	5	20.3	-	441	5	20.5	-
Zero years / no Social Science courses reported	193	1	17.7	-	95	1	17.9	-	95	1	17.8	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	7,386	46	23.3	4.0	3,827	50	24.0	4.6	3,559	41	22.6	3.4
Bio, Chem, Phys	1,278	8	21.9	2.6	539	7	22.7	3.3	739	9	21.3	2.1
Gen Sci <sup>2</sup> , Bio, Chem	4,986	31	21.5	2.2	1,970	26	21.9	2.5	3,016	35	21.2	2.0
Other comb of 3 years of Natural Science	441	3	21.0	1.7	272	4	21.4	2.0	169	2	20.4	1.2
Less than 3 years of Natural Science	1,880	12	19.3	-	881	12	19.4	-	997	12	19.2	-
Zero years / no Natural Science courses reported	201	1	18.4	-	99	1	18.8	-	99	1	18.0	-

<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: 16,172

**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	5,168	32	23.1	82	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	10,287	64	21.5	75	1,096,437	70	20.5	66
Less than 4 years of English	531	3	18.4	54	74,180	5	16.4	39
Zero years / no English courses reported	186	1	16.8	44	43,106	3	15.7	34
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,053	7	24.7	75	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,839	11	21.9	56	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	1,209	7	20.7	42	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	2,987	18	20.2	38	239,289	15	20.0	36
Other comb of 4 or more years of Math	5,537	34	24.3	71	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	1,943	12	17.7	14	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	652	4	20.9	44	74,720	5	19.9	35
Less than 3 years of Math	720	4	16.6	6	97,949	6	16.4	7
Zero years / no Math courses reported	232	1	17.3	15	47,380	3	17.5	16
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	446	3	23.7	66	47,523	3	22.6	60
Other comb of 4 or more years Social Science	9,239	57	22.8	63	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	953	6	21.9	55	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	4,492	28	22.2	59	439,520	28	21.2	51
Less than 3 years of Social Science	849	5	20.4	47	156,679	10	19.5	39
Zero years / no Social Science courses reported	193	1	17.7	27	45,555	3	17.3	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	7,386	46	23.3	47	620,765	40	22.2	40
Bio, Chem, Phys	1,278	8	21.9	38	152,001	10	23.2	48
Gen Sci <sup>1</sup> , Bio, Chem	4,986	31	21.5	29	474,375	30	20.1	21
Other comb of 3 years of Natural Science	441	3	21.0	26	43,231	3	19.7	21
Less than 3 years of Natural Science	1,880	12	19.3	12	231,566	15	18.3	12
Zero years / no Natural Science courses reported	201	1	18.4	9	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: 16,172

**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	497	3	20.5	101	10	18.1	377	3	21.2
Architecture & Environmental Design	407	3	22.0	31	3	17.9	355	3	22.4
Business & Management	1,410	9	21.7	55	5	17.8	1,306	9	21.9
Business & Office	110	1	20.5	7	1	18.0	100	1	20.8
Marketing & Distribution	148	1	21.6	10	1	18.7	136	1	21.8
Communications & Comm. Technologies	288	2	22.6	17	2	17.7	264	2	22.9
Community & Personal Services	430	3	19.8	57	5	17.9	354	3	20.2
Computer & Information Sciences	358	2	23.6	33	3	19.0	302	2	24.3
Cross-Disciplinary Studies	17	0	22.4	1	0	25.0	16	0	22.2
Education	872	5	21.5	21	2	16.8	817	6	21.6
Teacher Education	682	4	20.8	24	2	16.5	628	4	21.0
Engineering	580	4	24.6	22	2	17.1	535	4	25.1
Engineering-Related Technologies	368	2	23.6	32	3	19.0	311	2	24.3
Foreign Languages	72	0	24.3	3	0	17.7	65	0	24.9
Health Sciences & Allied Health Fields	3,290	20	22.1	167	16	17.7	3,018	21	22.4
Human, Family & Consumer Science	223	1	20.0	37	4	17.6	171	1	20.5
Letters	88	1	25.0	4	0	20.5	80	1	25.2
Mathematics	117	1	24.5	3	0	15.0	111	1	24.8
Philosophy, Religion & Theology	68	0	23.4	1	0	24.0	63	0	23.7
Sciences (Biological & Physical)	912	6	24.5	19	2	19.4	859	6	24.7
Social Sciences	912	6	23.3	13	1	18.2	877	6	23.4
Trade & Industrial	265	2	19.2	143	14	18.6	108	1	20.1
Visual & Performing Arts	927	6	22.2	65	6	18.4	812	6	22.5
Undecided	2,781	17	22.3	167	16	18.6	2,384	17	22.7
No Response	350	2	17.7	12	1	16.3	45	0	17.7

<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: 16,172

**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	162	18.5	6	15.5	0	.	141	18.7	6	17.0	0	.	9	17.6
2-yr College Degree	883	18.1	32	14.7	8	14.9	712	18.4	79	16.7	12	16.8	40	18.2
Bachelors Degree	7,951	21.4	273	17.5	59	18.4	6,843	21.8	359	18.6	101	20.8	316	20.1
Graduate Study	2,269	24.4	71	18.4	11	22.9	1,934	24.8	91	21.6	37	24.4	125	23.7
Prof. Level Degree	3,874	24.0	229	18.9	22	21.5	3,030	24.7	258	20.7	129	25.1	206	22.4
Other	367	19.2	21	15.6	3	15.7	282	19.7	29	16.9	6	21.3	26	19.1
No Response	666	20.2	42	16.2	2	16.5	433	21.8	98	16.8	18	21.3	73	17.9

Total Students in Report: 16,172

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	6,902	3,381	3,521	0	3	16	32	29	17	2
UNIVERSITY OF NEBRASKA AT OMAHA	Nebraska	4,483	1,330	3,153	1	6	20	33	26	13	1
UNIVERSITY OF NEBRASKA AT KEARNEY	Nebraska	2,632	745	1,887	0	5	23	36	26	9	0
WAYNE STATE COLLEGE	Nebraska	1,557	413	1,144	1	7	27	34	23	7	0
CREIGHTON UNIVERSITY	Nebraska	1,433	385	1,048	1	4	12	25	31	23	3
NEBRASKA WESLEYAN UNIVERSITY	Nebraska	1,193	258	935	0	2	11	29	36	20	2
SOUTHEAST COMM COLL-LINCOLN CAMPUS	Nebraska	958	314	644	1	9	35	37	15	3	0
DOANE COLLEGE	Nebraska	847	204	643	0	5	19	36	28	12	1
METROPOLITAN COMMUNITY COLLEGE-NE	Nebraska	819	247	572	5	18	34	28	12	2	0
HASTINGS COLLEGE	Nebraska	665	135	530	0	5	22	36	26	10	1
CHADRON STATE COLLEGE	Nebraska	579	180	399	1	7	26	35	24	7	0
IOWA STATE UNIVERSITY	Iowa	517	84	433	0	3	11	24	27	32	3
NORTHEAST COMMUNITY COLLEGE	Nebraska	490	208	282	1	9	36	33	17	3	0
NCAA ELIGIBILITY CENTER	Indiana	453	197	256	1	5	20	37	24	11	1
UNIVERSITY OF KANSAS	Kansas	446	72	374	1	2	10	26	31	28	3
NORTHWEST MISSOURI ST UNIV	Missouri	440	91	349	0	3	17	37	31	12	0
PERU STATE COLLEGE	Nebraska	385	119	266	1	11	36	32	16	4	0
KANSAS STATE UNIVERSITY	Kansas	377	66	311	0	3	10	32	31	22	2
CONCORDIA UNIVERSITY-NE	Nebraska	345	88	257	0	5	23	30	32	10	0
IOWA WESTERN COMM C-COUNCIL BLFS	Iowa	298	77	221	4	19	41	25	10	1	0
CENTRAL COMMUNITY COLLEGE-HASTINGS	Nebraska	294	91	203	0	11	39	35	14	2	0
SOUTHEAST COMM COLL-MILFORD CAMPUS	Nebraska	265	89	176	2	10	37	36	13	2	0
DANA COLLEGE	Nebraska	262	75	187	4	14	24	31	23	4	0
UNIVERSITY OF SOUTH DAKOTA	South Dakota	253	42	211	0	3	19	32	32	14	1
BELLEVUE UNIVERSITY	Nebraska	252	41	211	4	20	30	30	12	3	0
COLORADO STATE UNIVERSITY	Colorado	238	47	191	0	3	11	26	37	21	2
MIDLAND LUTHERAN COLLEGE	Nebraska	226	44	182	2	6	27	40	20	5	0
UNIVERSITY OF WYOMING	Wyoming	204	40	164	0	2	18	36	27	15	2
MORNINGSIDE COLLEGE	Iowa	202	37	165	1	5	22	38	24	9	0
COLLEGE OF SAINT MARY	Nebraska	196	62	134	3	19	34	29	10	5	0
All Other Institutions		10,186	2,458	7,728	1	7	18	26	24	20	4
<b>Total</b>		<b>38,397</b>	<b>11,620</b>	<b>26,777</b>	<b>1</b>	<b>6</b>	<b>20</b>	<b>31</b>	<b>25</b>	<b>15</b>	<b>2</b>

# Section V

## Optional Writing Test Results

Total Students in Report: 16,172

**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>2,269</b>	<b>869,014</b>	<b>24.7</b>	<b>21.4</b>	<b>7.5</b>	<b>7.1</b>	<b>23.4</b>	<b>20.8</b>
African American/Black	139	107,638	18.6	16.4	6.6	6.4	18.2	16.4
American Indian/Alaska Native	14	6,232	19.6	18.9	6.5	6.6	18.8	18.4
Caucasian American/White	1,732	518,004	25.6	23.0	7.5	7.3	24.2	22.1
Hispanic	144	101,126	20.4	18.1	7.1	6.9	19.9	18.1
Asian American/Pacific Islander	92	49,922	26.1	23.6	8.0	7.7	25.0	22.9
Other/No Response	148	86,092	23.0	21.0	7.3	7.1	22.1	20.4
Males	1,004	384,152	24.8	21.1	7.2	6.9	23.3	20.3
Females	1,264	484,023	24.6	21.7	7.6	7.3	23.5	21.2
Missing	1	839	8.0	16.8	4.0	6.3	8.0	16.6





