

# ACT Profile Report - State

Graduating Class 2009  
Nebraska





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This report provides information about the performance of your 2009 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 2009 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.

Further, 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.

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:** 16,286 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. 78% 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, 7% were college ready. 13% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 13% of these students were college ready. In comparison, 57% of the students who advanced beyond minimum math core 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 13% of the cohort took less than three years of natural science courses. 14% 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).

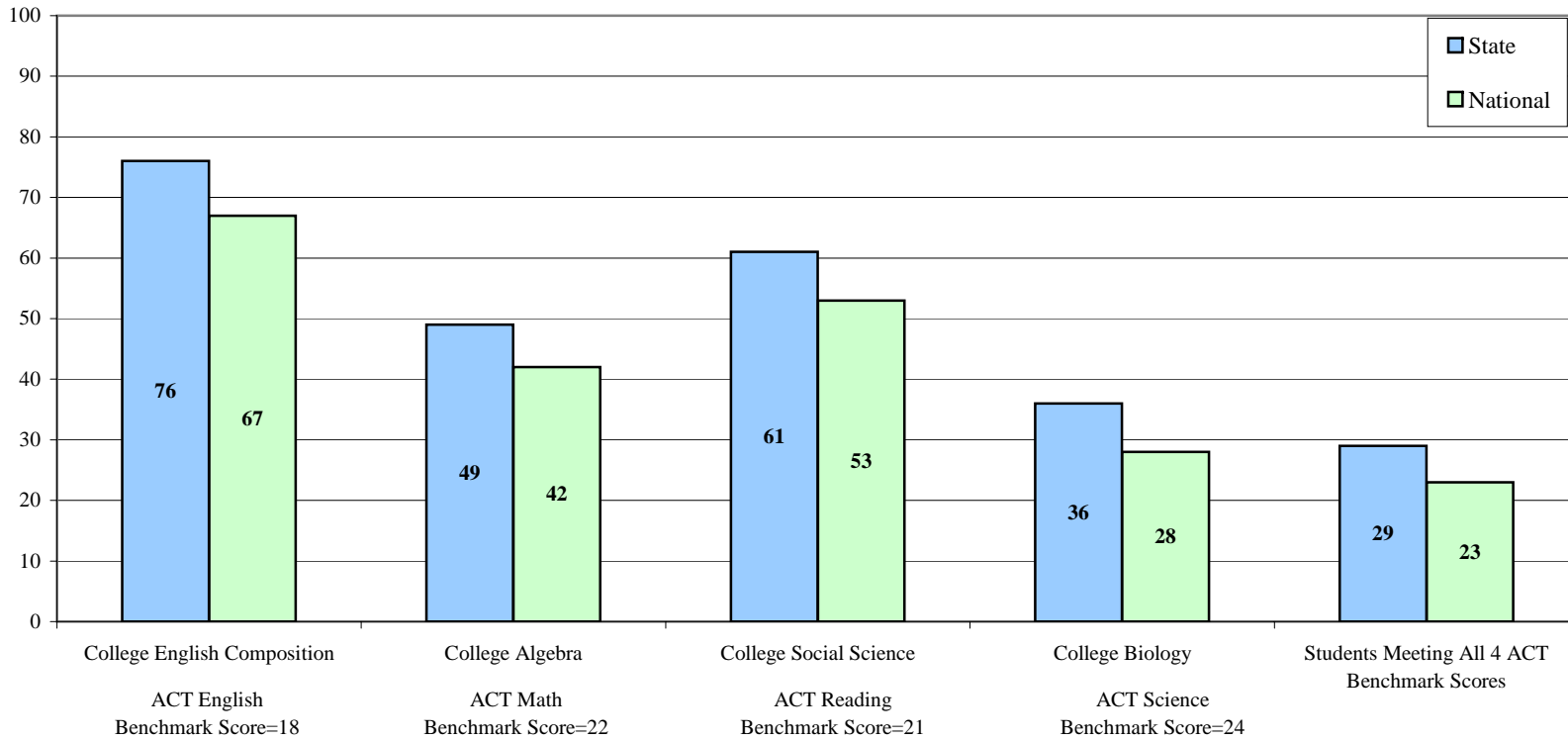
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS:** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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 916-631-9200.

# 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: 16,286

**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
2005	16,220	1,186,251	75	68	48	41	56	51	32	26	26	21
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
<b>2009</b>	<b>16,286</b>	<b>1,480,469</b>	<b>76</b>	<b>67</b>	<b>49</b>	<b>42</b>	<b>61</b>	<b>53</b>	<b>36</b>	<b>28</b>	<b>29</b>	<b>23</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
2005	16,220	1,186,251	21.4	20.4	21.6	20.7	21.9	21.3	21.7	20.9	21.8	20.9
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
<b>2009</b>	<b>16,286</b>	<b>1,480,469</b>	<b>21.9</b>	<b>20.6</b>	<b>21.8</b>	<b>21.0</b>	<b>22.5</b>	<b>21.4</b>	<b>22.0</b>	<b>20.9</b>	<b>22.1</b>	<b>21.1</b>

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

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
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
<b>2009</b>	<b>1,480,469</b>	<b>20.6</b>	<b>21.0</b>	<b>21.4</b>	<b>20.9</b>	<b>21.1</b>

Total Students in Report: 16,286

**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
2005	10,913	4,397	67	27	22.4	19.3	22.5	19.7	22.8	20.1	22.4	20.1	22.6	19.9
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
<b>2009</b>	<b>12,701</b>	<b>3,346</b>	<b>78</b>	<b>21</b>	<b>22.7</b>	<b>19.1</b>	<b>22.5</b>	<b>19.4</b>	<b>23.2</b>	<b>20.1</b>	<b>22.6</b>	<b>19.9</b>	<b>22.9</b>	<b>19.8</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**

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>16,220</b>	<b>100</b>	<b>21.8</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>
African American/Black	492	3	17.6	528	3	17.7	508	3	17.9	575	3	17.5	647	4	17.7
American Indian/Alaska Native	97	1	19.1	102	1	18.8	96	1	19.1	124	1	19.1	117	1	19.3
Caucasian American/White	13,797	85	22.1	13,208	83	22.3	12,839	80	22.4	13,788	83	22.5	13,579	83	22.6
Hispanic	574	4	18.7	591	4	19.0	585	4	19.2	712	4	19.5	852	5	19.1
Asian American/Pacific Islander	300	2	21.5	305	2	21.9	292	2	22.7	323	2	22.9	281	2	22.4
Other/No Response	960	6	21.4	1,158	7	21.5	1,817	11	22.1	1,051	6	21.8	810	5	21.4

# Section II

# Academic Achievement

Total Students in Report: 16,286

**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	71	100	58	100	177	100	40	100	9	100	36
35	199	100	78	100	52	99	82	100	45	100	35
34	250	98	142	99	322	99	106	99	74	100	34
33	264	97	250	98	456	97	134	99	150	99	33
32	288	95	193	97	249	94	98	98	257	98	32
31	301	93	232	96	490	92	265	97	323	97	31
30	457	92	223	94	701	89	291	96	448	95	30
29	464	89	508	93	537	85	364	94	501	92	29
28	522	86	603	90	621	82	439	92	605	89	28
27	574	83	672	86	639	78	528	89	759	85	27
26	881	79	961	82	622	74	891	86	816	81	26
25	909	74	1,038	76	613	70	1,478	80	977	76	25
24	948	68	1,163	70	1,014	66	1,100	71	1,104	70	24
23	1,012	62	963	62	954	60	1,323	64	1,149	63	23
22	1,145	56	821	57	1,015	54	1,308	56	1,281	56	22
21	1,239	49	985	51	1,437	48	1,401	48	1,344	48	21
20	1,214	42	898	45	1,042	39	1,736	40	1,329	40	20
19	975	34	1,044	40	1,020	33	1,390	29	1,198	31	19
18	738	28	1,144	33	669	27	967	20	1,090	24	18
17	742	24	1,434	26	921	22	492	14	886	17	17
16	726	19	1,527	18	843	17	555	11	693	12	16
15	723	15	921	8	537	12	393	8	518	8	15
14	422	10	315	3	579	8	304	6	381	4	14
13	325	8	89	1	378	5	281	4	236	2	13
12	280	6	20	1	186	2	161	2	85	1	12
11	234	4	2	1	147	1	78	1	21	1	11
10	182	2	1	1	41	1	37	1	5	1	10
9	114	1	0	1	10	1	27	1	1	1	9
8	63	1	0	1	7	1	11	1	0	1	8
7	19	1	0	1	6	1	4	1	0	1	7
6	4	1	0	1	1	1	2	1	0	1	6
5	0	1	0	1	0	1	0	1	1	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	0	1	0	1	0	1	2
1	0	1	1	1	0	1	0	1	0	1	1
<b>Avg (SD)</b>	21.9 (5.9)		21.8 (5.1)		22.5 (5.8)		22.0 (4.7)		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: 16,286

**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	699	100	264	100	555	100	759	100	593	100	170	100	182	100	18
17	609	96	188	98	763	97	524	95	1,046	96	120	99	78	99	17
16	805	92	1,156	97	888	92	1,609	92	884	90	560	98	686	98	16
15	1,023	87	1,297	90	1,385	86	1,454	82	1,071	85	568	95	808	94	15
14	813	81	1,377	82	1,026	78	1,389	73	1,159	78	1,746	91	1,653	89	14
13	1,342	76	1,492	74	1,511	72	835	65	1,234	71	1,251	81	2,044	79	13
12	1,438	68	2,264	65	1,747	62	1,354	60	1,866	63	2,093	73	1,364	67	12
11	1,532	59	1,711	51	1,422	52	1,845	51	1,402	52	1,751	60	2,239	58	11
10	2,135	49	1,914	40	1,820	43	1,334	40	1,863	43	3,265	49	2,156	44	10
9	1,726	36	1,652	28	1,862	32	1,214	32	1,157	32	2,144	29	1,680	31	9
8	1,133	26	1,205	18	1,422	20	1,429	24	1,723	25	1,321	16	1,649	21	8
7	1,140	19	793	11	1,068	12	881	16	1,536	14	592	8	516	11	7
6	823	12	333	6	489	5	788	10	542	5	192	4	619	8	6
5	531	7	348	4	199	2	587	5	134	1	335	3	303	4	5
4	365	3	191	2	51	1	200	2	49	1	86	1	141	2	4
3	128	1	92	1	54	1	60	1	21	1	54	1	128	1	3
2	43	1	9	1	20	1	24	1	5	1	22	1	24	1	2
1	1	1	0	1	4	1	0	1	1	1	16	1	16	1	1
<b>Avg (SD)</b>	10.9 (3.6)		11.3 (3.1)		11.5 (3.3)		11.5 (3.7)		11.5 (3.4)		10.9 (2.7)		10.9 (3.0)		<b>Avg (SD)</b>

<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	27	25	25
Q2 (50th Percentile)	22	21	22	22	22
Q1 (25th Percentile)	18	17	18	19	19

Total Students in Report: 16,286

**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>16,286</b>	<b>78</b>	<b>22.9</b>	<b>19.8</b>
	African American/Black	647	80	18.2	15.7
	American Indian/Alaska Native	117	67	20.2	17.7
	Caucasian American/White	13,579	79	23.3	20.2
	Hispanic	852	71	19.9	17.4
	Asian American/Pacific Islander	281	86	23.0	18.5
	Other/No Response	810	71	22.6	19.0
National	<b>All Students</b>	<b>1,480,469</b>	<b>70</b>	<b>22.0</b>	<b>19.1</b>
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

<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>	21.9	21.8	22.5	22.0	22.1
	African American/Black	17.1	17.5	17.8	18.0	17.7
	American Indian/Alaska Native	18.5	18.9	19.9	19.2	19.3
	Caucasian American/White	22.4	22.2	22.9	22.4	22.6
	Hispanic	18.3	18.9	19.3	19.4	19.1
	Asian American/Pacific Islander	21.7	23.1	22.1	22.0	22.4
	Other/No Response	21.1	21.1	21.9	21.2	21.4
National	<b>All Students</b>	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 16,286

**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	784	5	528	3	1,007	6	362	2
	28 to 32	2,032	12	1,759	11	2,598	16	1,457	9
	24 to 27	3,312	20	3,834	24	2,888	18	3,997	25
	20 to 23	4,610	28	3,667	23	4,448	27	5,768	35
	16 to 19	3,181	20	5,149	32	3,453	21	3,404	21
	13 to 15	1,470	9	1,325	8	1,494	9	978	6
	01 to 12	897	6	24	0	398	2	320	2
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	7,620	47	21.6	22.5	22.6	22.6	22.4
	Females	8,643	53	22.1	21.1	22.3	21.4	21.9
	Missing	23	0	20.6	21.4	22.7	20.4	21.4
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

**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	75	54	61	41	33
	Females	78	44	61	31	25
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 16,286

**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>3</sup>	Avg
State	Core or More <sup>2</sup>	12,701	82	22.7	54	22.5	66	23.2	41	22.6	33	22.9
	Less than Core	3,346	59	19.1	29	19.4	44	20.1	18	19.9	13	19.8
	Missing	239	36	15.8	14	17.2	32	17.7	8	17.8	5	17.2
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

<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>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	15,556	78	22.0	15,295	51	22.1	15,159	62	22.6	14,011	39	22.4
	Less than Core	563	56	18.6	766	7	16.7	950	48	20.6	2,089	14	19.4
	Missing	167	41	16.6	225	14	17.2	177	36	18.2	186	10	18.3
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

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.

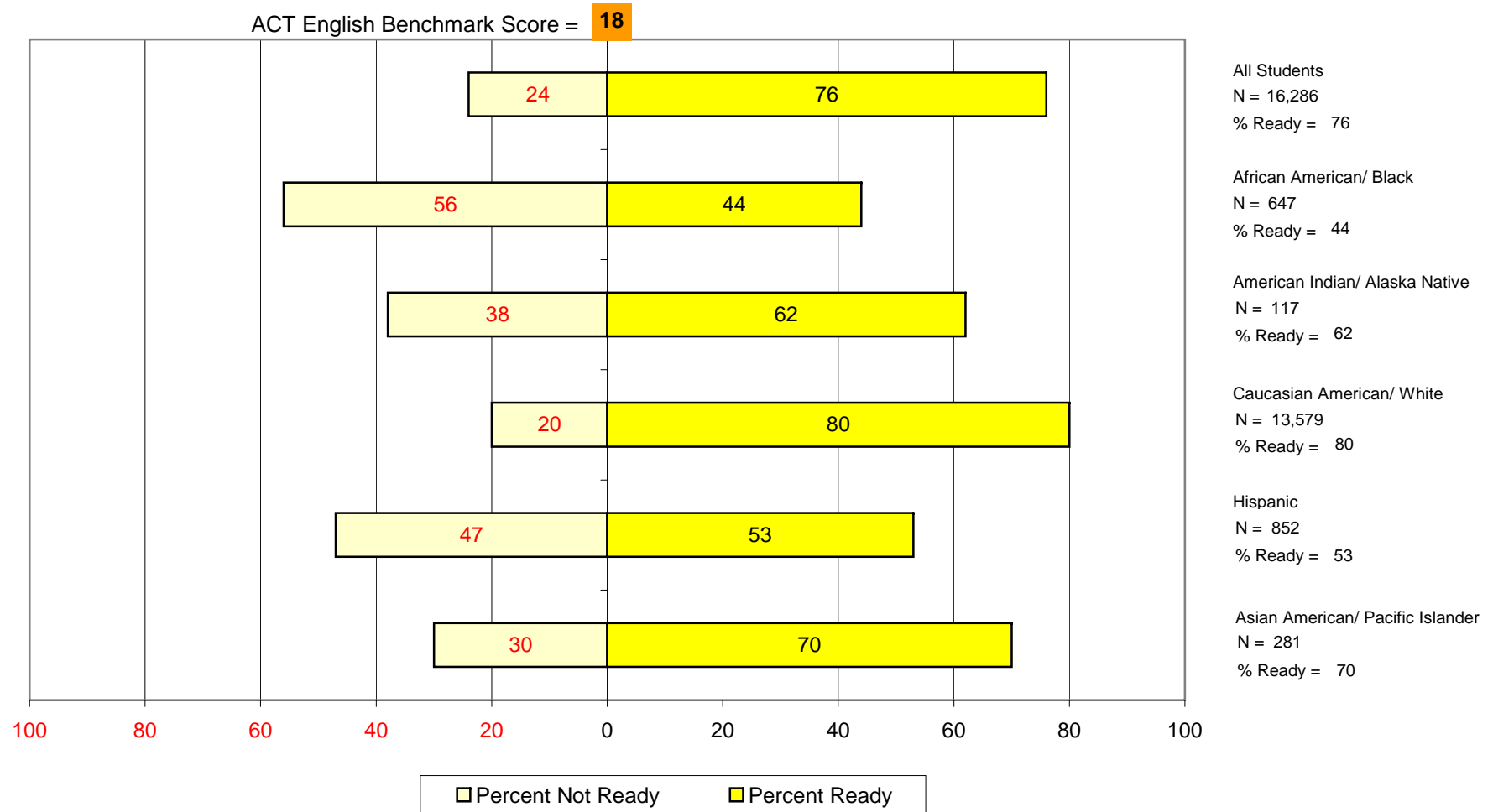


# Section III

## College Readiness and the Impact of Course Rigor

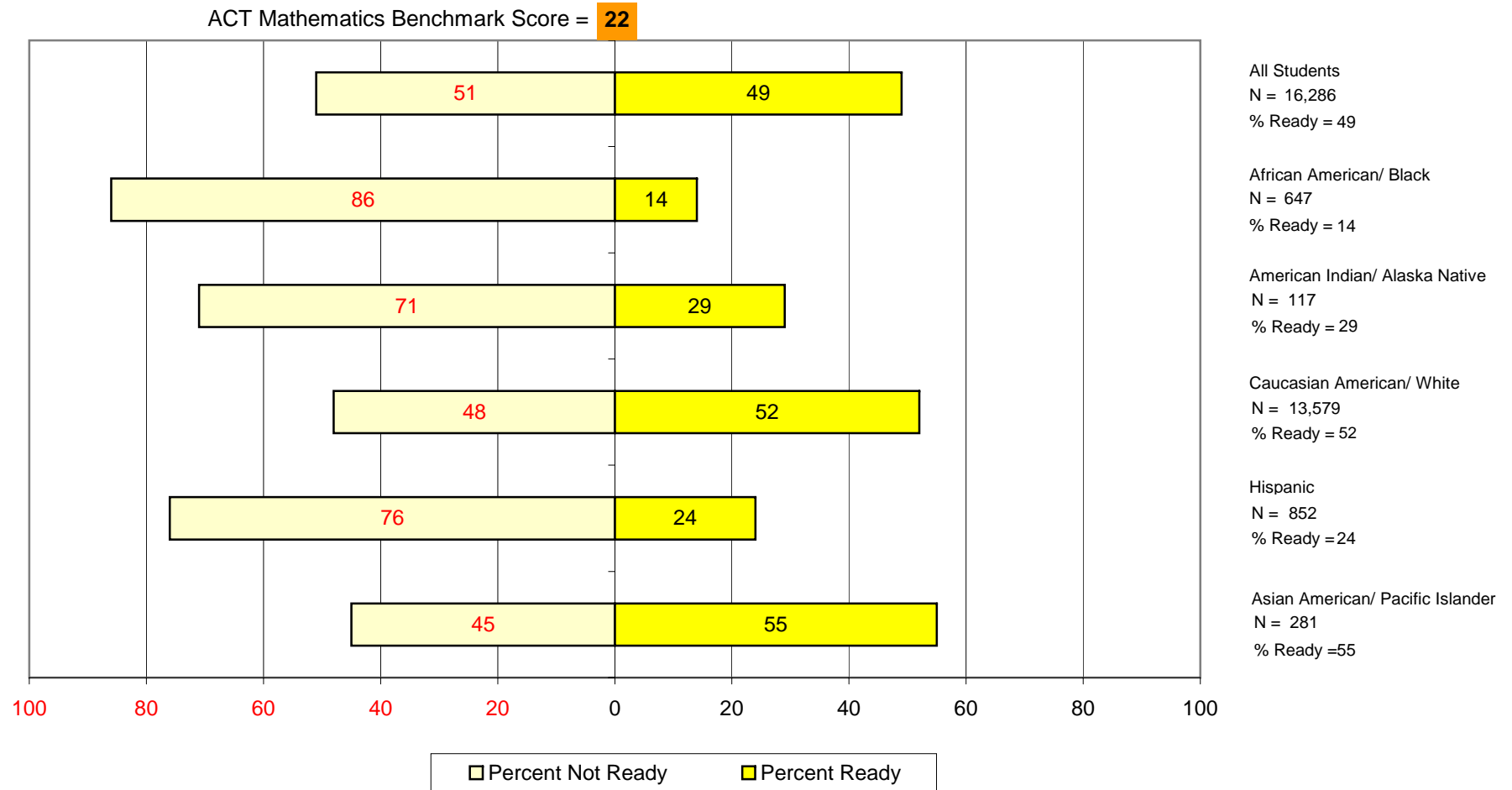
Total Students in Report: 16,286

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



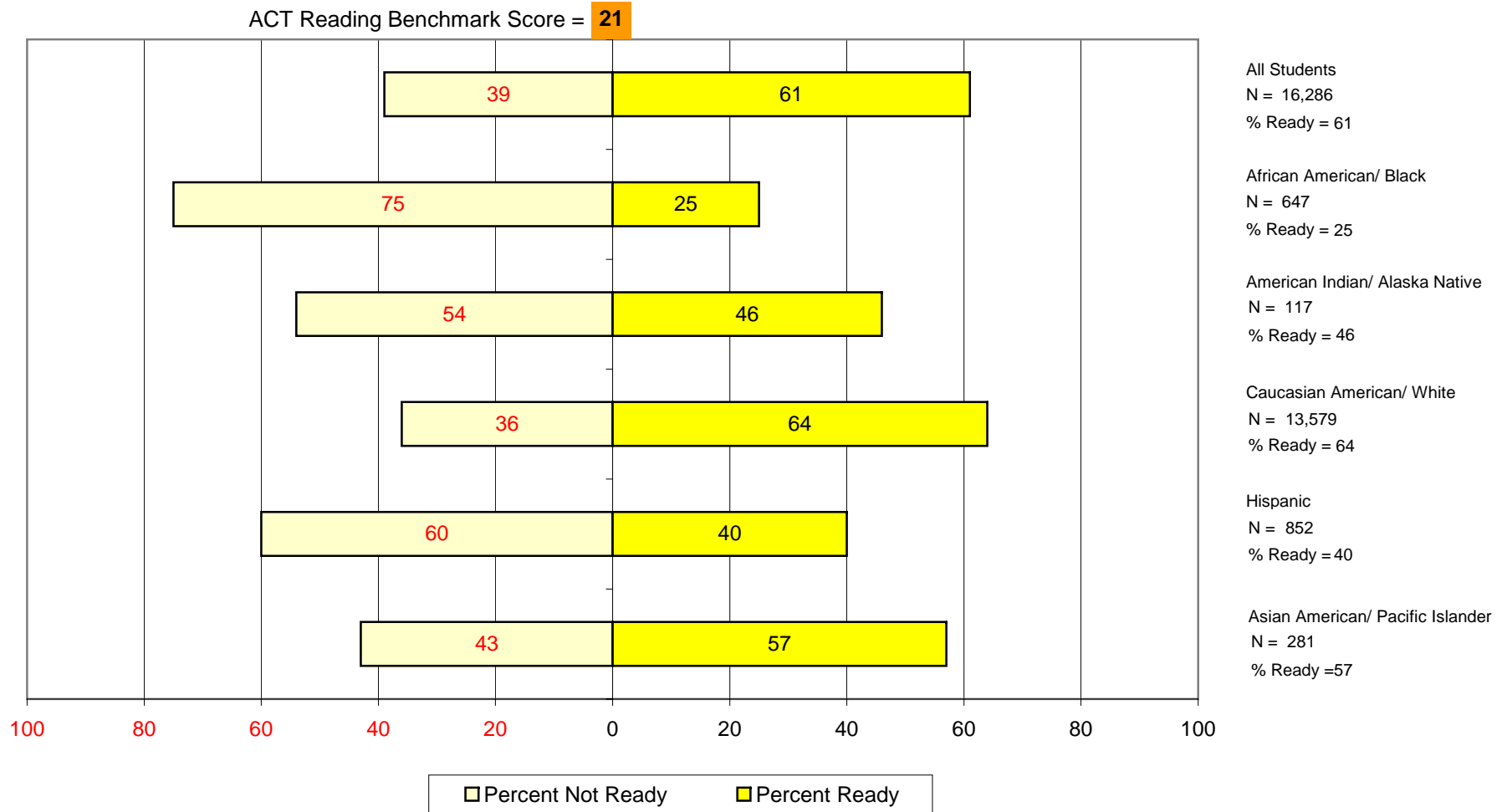
Total Students in Report: 16,286

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



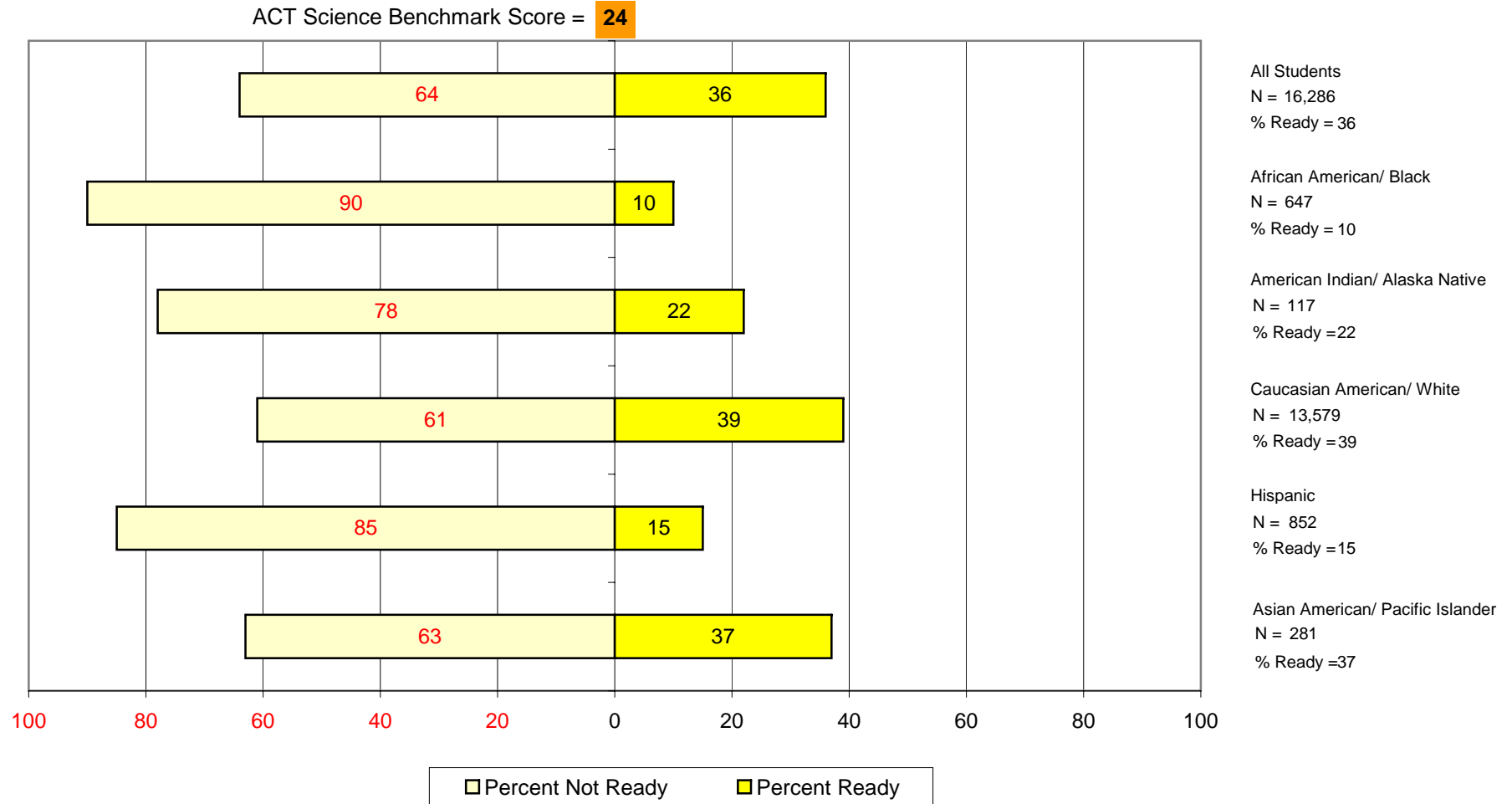
Total Students in Report: 16,286

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



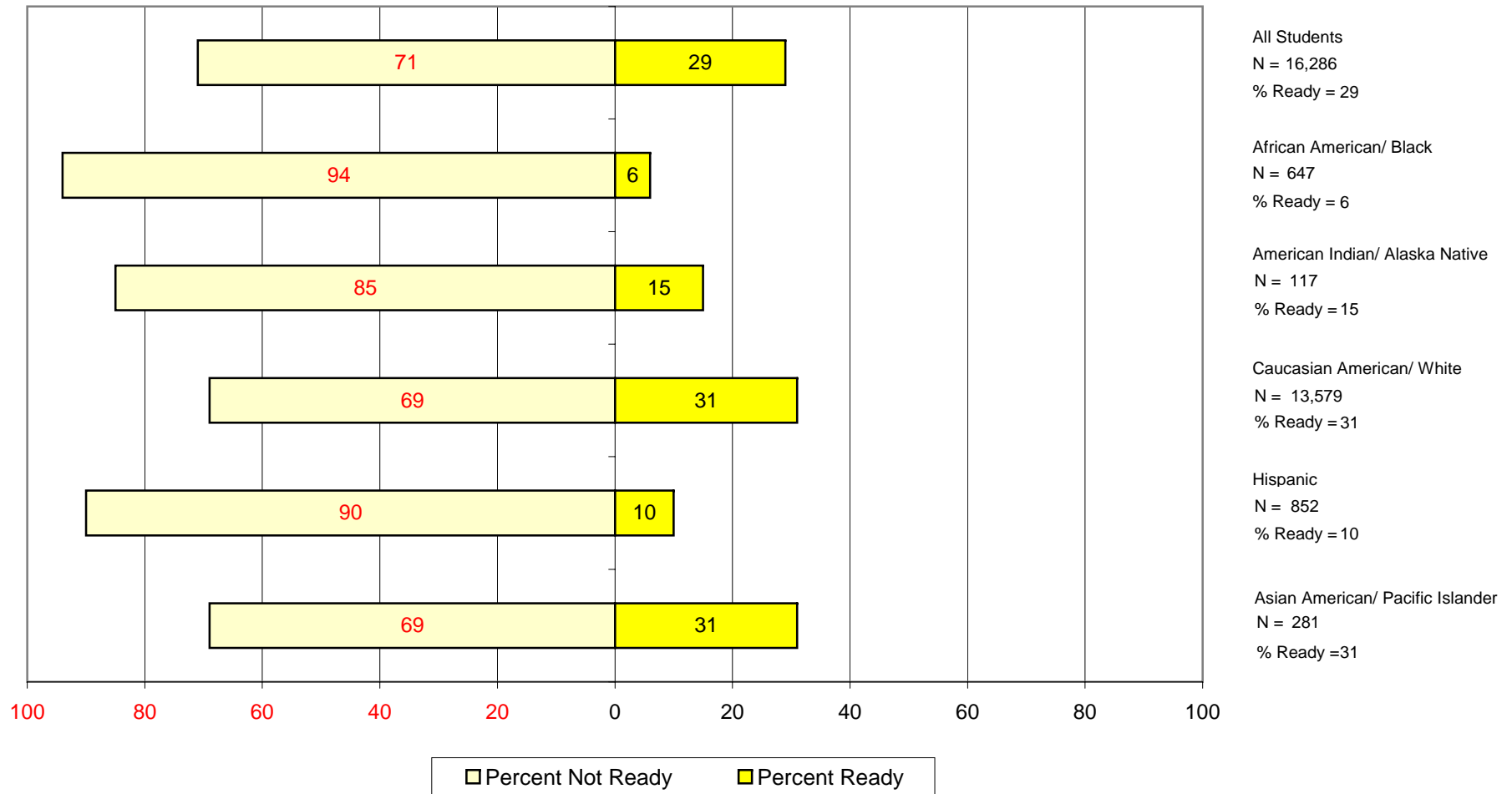
Total Students in Report: 16,286

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



Total Students in Report: 16,286

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



Total Students in Report: 16,286

**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	5,191	32	23.1	4.5	2,180	29	22.8	4.1	3,006	35	23.3	4.8
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	10,365	64	21.5	2.9	5,061	66	21.3	2.6	5,288	61	21.7	3.2
Less than 4 years of English	566	3	18.6	-	295	4	18.7	-	270	3	18.5	-
No English course/grade information reported	164	1	16.4	-	84	1	16.1	-	79	1	16.8	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,109	7	25.0	8.4	537	7	25.7	8.7	569	7	24.3	8.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,824	11	22.0	5.4	758	10	22.7	5.7	1,065	12	21.4	5.2
Alg 1, Alg 2, Geom, & Trig	1,262	8	20.9	4.3	600	8	21.4	4.4	662	8	20.3	4.1
Alg 1, Alg 2, Geom, & Other Adv Math	3,028	19	20.5	3.9	1,220	16	21.0	4.0	1,803	21	20.1	3.9
Other comb of 4 or more years of Math	5,277	32	24.5	7.9	2,717	36	25.2	8.2	2,556	30	23.8	7.6
Alg 1, Alg 2, & Geom (Min. Core)	2,093	13	17.8	1.2	953	13	18.4	1.4	1,135	13	17.4	1.2
Other comb of 3 or 3.5 years of Math	702	4	21.1	4.5	346	5	21.2	4.2	355	4	21.1	4.9
Less than 3 years of Math	814	5	16.6	-	398	5	17.0	-	413	5	16.2	-
No Math course/grade information reported	177	1	17.6	-	91	1	18.2	-	85	1	16.9	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	425	3	23.3	2.7	218	3	22.7	1.9	204	2	24.0	3.5
Other comb of 4 or more years Social Science	9,003	55	22.8	2.2	4,117	54	23.2	2.4	4,877	56	22.5	2.0
US Hist, World Hist, & Am Gov (Min. Core)	1,025	6	22.0	1.4	562	7	22.0	1.2	461	5	22.1	1.6
Other comb of 3 or 3.5 years of Social Science	4,706	29	22.3	1.7	2,137	28	22.3	1.5	2,562	30	22.3	1.8
Less than 3 years of Social Science	954	6	20.6	-	496	7	20.8	-	457	5	20.5	-
No Soc Sci course/grade information reported	173	1	18.0	-	90	1	17.6	-	82	1	18.5	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	6,882	42	23.2	3.8	3,516	46	23.9	4.4	3,356	39	22.3	3.1
Bio, Chem, Phys	1,632	10	22.8	3.4	744	10	24.0	4.5	885	10	21.9	2.7
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	5,095	31	21.4	2.0	2,020	27	21.6	2.1	3,070	36	21.2	2.0
Other comb of 3 years of Natural Science	402	2	20.9	1.5	238	3	21.3	1.8	164	2	20.2	1.0
Less than 3 years of Natural Science	2,099	13	19.4	-	1,011	13	19.5	-	1,084	13	19.2	-
No Nat Sci course/grade information reported	176	1	18.2	-	91	1	18.5	-	84	1	17.9	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to a less than core course sequence.

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

Total Students in Report: 16,286

**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	5,191	32	23.1	83	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	10,365	64	21.5	75	1,029,431	70	20.6	68
Less than 4 years of English	566	3	18.6	56	74,090	5	16.7	42
No English course/grade information reported	164	1	16.4	40	38,830	3	16.1	37
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,109	7	25.0	75	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,824	11	22.0	53	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	1,262	8	20.9	43	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	3,028	19	20.5	39	220,868	15	20.1	36
Other comb of 4 or more years of Math	5,277	32	24.5	71	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	2,093	13	17.8	13	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	702	4	21.1	43	70,732	5	20.1	35
Less than 3 years of Math	814	5	16.6	7	105,591	7	16.5	7
No Math course/grade information reported	177	1	17.6	16	40,565	3	17.7	18
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	425	3	23.3	65	46,754	3	22.8	61
Other comb of 4 or more years Social Science	9,003	55	22.8	64	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	1,025	6	22.0	58	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	4,706	29	22.3	59	420,236	28	21.3	52
Less than 3 years of Social Science	954	6	20.6	48	152,775	10	19.7	40
No Soc Sci course/grade information reported	173	1	18.0	35	40,525	3	17.5	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	6,882	42	23.2	47	563,824	38	22.2	39
Bio, Chem, Phys	1,632	10	22.8	46	141,531	10	23.3	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	5,095	31	21.4	28	459,833	31	20.1	21
Other comb of 3 years of Natural Science	402	2	20.9	27	41,353	3	19.8	21
Less than 3 years of Natural Science	2,099	13	19.4	14	233,215	16	18.4	11
No Nat Sci course/grade information reported	176	1	18.2	9	40,713	3	17.7	11

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



# Section IV

## Career and Educational Aspirations

Total Students in Report: 16,286

**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	502	3	20.2	125	11	17.9	355	3	21.1
Architecture & Environmental Design	443	3	22.1	22	2	16.7	400	3	22.5
Business & Management	1,595	10	21.9	56	5	18.1	1,467	10	22.2
Business & Office	128	1	20.7	11	1	19.6	113	1	20.9
Marketing & Distribution	153	1	21.4	7	1	18.7	141	1	21.5
Communications & Comm. Technologies	358	2	22.8	19	2	17.9	324	2	23.0
Community & Personal Services	439	3	19.7	68	6	17.4	354	3	20.2
Computer & Information Sciences	389	2	23.4	36	3	19.7	337	2	23.8
Cross-Disciplinary Studies	24	0	23.5	1	0	17.0	22	0	23.5
Education	851	5	21.7	22	2	17.0	795	6	21.9
Teacher Education	566	3	20.6	10	1	16.4	521	4	20.8
Engineering	601	4	24.7	25	2	17.2	557	4	25.2
Engineering-Related Technologies	432	3	23.5	49	4	18.8	364	3	24.2
Foreign Languages	80	0	24.6	3	0	19.3	74	1	25.0
Health Sciences & Allied Health Fields	3,280	20	22.2	171	15	18.2	3,016	21	22.5
Human, Family & Consumer Science	224	1	20.1	35	3	17.9	177	1	20.6
Letters	104	1	25.6	2	0	17.5	98	1	25.9
Mathematics	107	1	26.1	2	0	18.0	102	1	26.4
Philosophy, Religion & Theology	91	1	22.9	2	0	22.0	85	1	22.8
Sciences (Biological & Physical)	868	5	24.5	15	1	17.0	824	6	24.7
Social Sciences	931	6	22.9	13	1	18.6	890	6	23.0
Trade & Industrial	304	2	19.4	175	15	18.7	117	1	20.4
Visual & Performing Arts	948	6	22.0	64	6	18.7	819	6	22.3
Undecided	2,508	15	22.1	189	17	18.2	2,104	15	22.6
No Response	360	2	18.3	14	1	16.8	69	0	19.2

<sup>1</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, 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: 16,286

**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	214	18.4	7	13.0	0	.	189	18.8	8	15.9	2	21.0	8	16.0
2-yr College Degree	922	18.1	29	14.8	8	15.1	758	18.5	78	16.8	6	14.7	43	17.2
Bachelors Degree	8,008	21.4	259	17.2	60	18.4	6,957	21.8	342	18.4	83	20.7	307	20.4
Graduate Study	2,236	24.2	84	19.1	12	21.3	1,903	24.6	80	20.8	37	22.6	120	23.9
Prof. Level Degree	3,881	24.2	206	18.9	27	21.6	3,043	24.9	243	20.9	136	24.2	226	23.7
Other	399	19.2	23	14.9	5	20.2	311	19.8	23	17.1	10	16.5	27	18.4
No Response	626	20.7	39	16.4	5	18.8	418	21.9	78	17.8	7	19.9	79	19.3

Total Students in Report: 16,286

**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	7,067	3,337	3,730	0	4	17	33	27	17	2
UNIVERSITY OF NEBRASKA AT OMAHA	Nebraska	4,505	1,420	3,085	1	6	22	33	24	14	1
UNIVERSITY OF NEBRASKA AT KEARNEY	Nebraska	2,755	773	1,982	0	5	25	35	25	9	1
WAYNE STATE COLLEGE	Nebraska	1,585	441	1,144	1	8	28	33	22	8	0
CREIGHTON UNIVERSITY	Nebraska	1,519	381	1,138	1	5	13	26	28	23	4
NEBRASKA WESLEYAN UNIVERSITY	Nebraska	1,263	254	1,009	0	2	14	30	32	20	2
SOUTHEAST COMM COLL-LINCOLN CAMPUS	Nebraska	1,074	331	743	1	11	36	36	13	3	0
DOANE COLLEGE	Nebraska	822	200	622	0	3	22	33	29	12	1
METROPOLITAN COMMUNITY COLLEGE-NE	Nebraska	787	223	564	3	17	33	33	11	3	0
CHADRON STATE COLLEGE	Nebraska	693	226	467	1	7	28	36	21	7	0
HASTINGS COLLEGE	Nebraska	680	139	541	0	6	26	30	25	12	1
IOWA STATE UNIVERSITY	Iowa	571	109	462	0	2	8	24	30	31	4
NORTHEAST COMMUNITY COLLEGE	Nebraska	541	241	300	0	15	39	30	13	3	0
UNIVERSITY OF KANSAS	Kansas	535	92	443	0	4	9	30	28	26	4
NORTHWEST MISSOURI ST UNIV	Missouri	489	124	365	0	5	16	36	32	10	0
NCAA ELIGIBILITY CENTER	Indiana	462	173	289	0	4	21	36	26	12	1
CONCORDIA UNIVERSITY-NE	Nebraska	456	114	342	0	4	21	33	27	13	0
KANSAS STATE UNIVERSITY	Kansas	454	80	374	0	3	9	26	35	24	4
PERU STATE COLLEGE	Nebraska	434	144	290	2	12	38	28	15	5	0
CENTRAL COMMUNITY COLLEGE-HASTINGS	Nebraska	315	118	197	1	14	40	34	10	2	0
SOUTHEAST COMM COLL-MILFORD CAMPUS	Nebraska	308	104	204	1	12	37	33	13	3	0
BELLEVUE UNIVERSITY	Nebraska	298	55	243	3	17	38	28	10	4	0
DANA COLLEGE	Nebraska	298	61	237	1	12	30	29	20	7	0
IOWA WESTERN COMM C-COUNCIL BLFS	Iowa	288	68	220	6	19	36	28	11	1	0
MIDLAND LUTHERAN COLLEGE	Nebraska	273	56	217	1	5	31	35	23	5	0
UNIVERSITY OF SOUTH DAKOTA	South Dakota	257	59	198	1	5	22	28	30	12	1
COLORADO STATE UNIVERSITY	Colorado	244	49	195	0	0	15	27	30	25	3
UNIVERSITY OF WYOMING	Wyoming	217	49	168	0	3	16	37	27	15	2
CENTRAL COMMUNITY COLLEGE-GRAND ISLAND	Nebraska	208	77	131	1	17	42	25	11	3	0
CENTRAL COMMUNITY COLLEGE-COLUMBUS	Nebraska	207	76	131	2	17	29	36	14	3	0
All Other Institutions		10,941	2,551	8,390	1	6	19	26	24	20	4
<b>Total</b>		<b>40,546</b>	<b>12,125</b>	<b>28,421</b>	<b>1</b>	<b>6</b>	<b>21</b>	<b>31</b>	<b>24</b>	<b>15</b>	<b>2</b>

# Section V

## Optional Writing Test Results

Total Students in Report: 16,286

**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>2,358</b>	<b>814,713</b>	<b>24.6</b>	<b>21.5</b>	<b>7.4</b>	<b>7.2</b>	<b>23.4</b>	<b>20.8</b>
African American/Black	148	96,225	19.3	16.5	6.5	6.4	18.6	16.5
American Indian/Alaska Native	19	5,489	21.3	18.9	6.9	6.7	20.4	18.5
Caucasian American/White	1,815	497,164	25.4	22.8	7.5	7.3	24.1	21.9
Hispanic	139	85,681	19.7	18.4	7.2	7.0	19.6	18.4
Asian American/Pacific Islander	78	44,716	25.7	23.5	7.9	7.6	24.6	22.8
Other/No Response	159	85,438	24.2	21.4	7.3	7.2	22.9	20.8
Males	1,029	357,025	24.5	21.1	7.3	6.9	23.1	20.3
Females	1,326	455,190	24.7	21.7	7.6	7.4	23.5	21.2
Missing	3	2,498	23.7	22.1	6.7	7.2	22.0	21.3



