

# ACT Profile Report - State

Graduating Class 2009  
Illinois





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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.

Total Students in Report: 143,791

**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

22% 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:** 143,791 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. 52% 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 11% of the cohort took less than three years of math courses. Of these students, 7% were college ready. 18% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 15% of these students were college ready. In comparison, 55% 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 21% of the cohort took less than three years of natural science courses. 10% of these students were college ready. In comparison, 32% 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 51% 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.

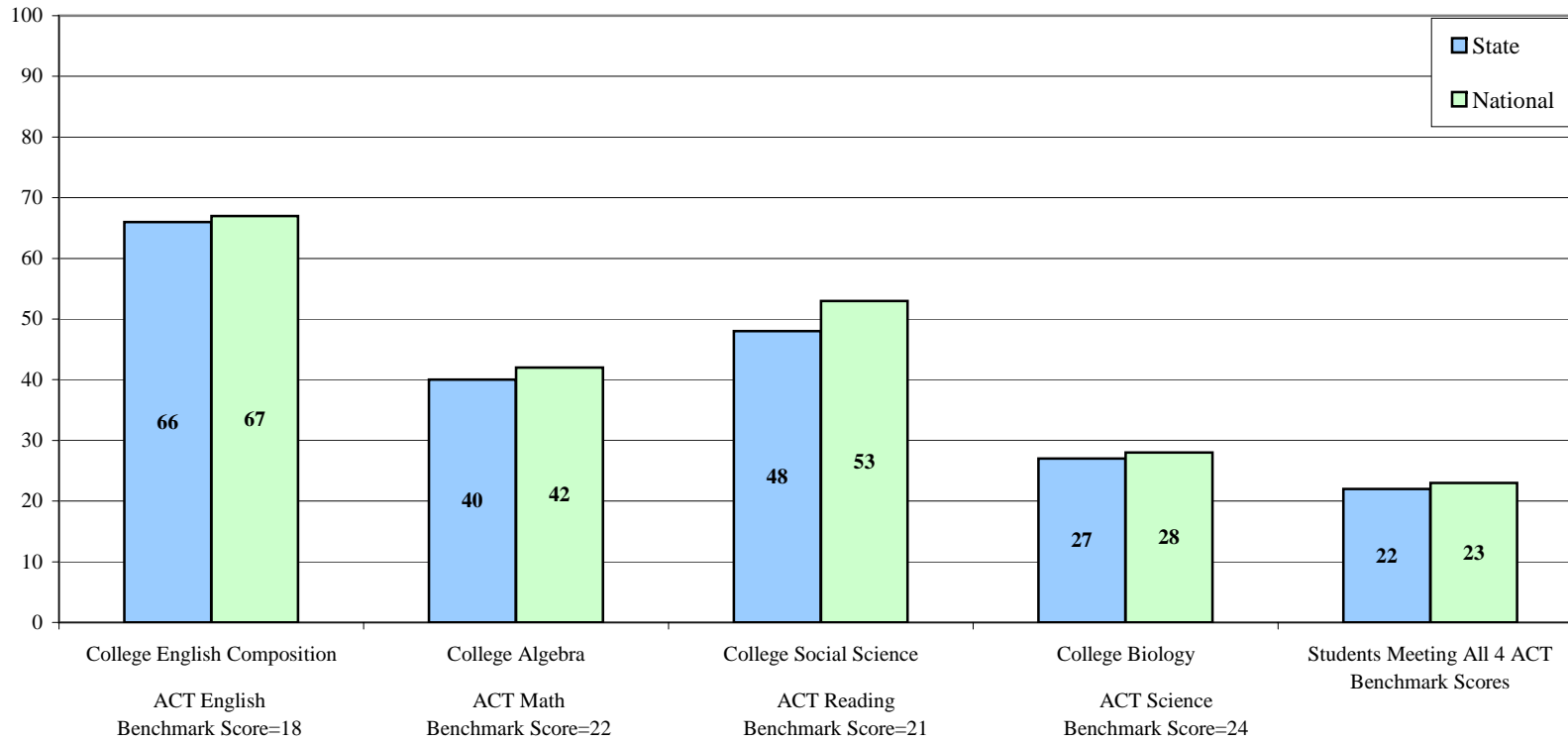
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 847-634-2560.

# Section I

## Executive Summary

Total Students in Report: 143,791

**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: 143,791

**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	135,967	1,186,251	63	68	38	41	45	51	25	26	20	21
2006	137,399	1,206,455	65	69	38	42	46	53	25	27	20	21
2007	140,483	1,300,599	65	69	38	43	47	53	25	28	21	23
2008	143,734	1,421,941	66	68	40	43	47	53	27	28	22	22
<b>2009</b>	<b>143,791</b>	<b>1,480,469</b>	<b>66</b>	<b>67</b>	<b>40</b>	<b>42</b>	<b>48</b>	<b>53</b>	<b>27</b>	<b>28</b>	<b>22</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	135,967	1,186,251	19.9	20.4	20.2	20.7	20.3	21.3	20.4	20.9	20.3	20.9
2006	137,399	1,206,455	20.2	20.6	20.3	20.8	20.6	21.4	20.4	20.9	20.5	21.1
2007	140,483	1,300,599	20.2	20.7	20.4	21.0	20.5	21.5	20.4	21.0	20.5	21.2
2008	143,734	1,421,941	20.4	20.6	20.7	21.0	20.6	21.4	20.5	20.8	20.7	21.1
<b>2009</b>	<b>143,791</b>	<b>1,480,469</b>	<b>20.5</b>	<b>20.6</b>	<b>20.7</b>	<b>21.0</b>	<b>20.8</b>	<b>21.4</b>	<b>20.7</b>	<b>20.9</b>	<b>20.8</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: 143,791

**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	55,892	62,027	41	46	22.4	17.9	22.5	18.5	22.4	18.6	22.2	18.9	22.5	18.6
2006	55,760	62,555	41	46	22.5	18.4	22.4	18.6	22.7	19.0	22.1	19.0	22.6	18.9
2007	53,135	64,588	38	46	22.5	18.6	22.4	18.9	22.6	19.0	22.2	19.1	22.5	19.0
2008	64,259	62,253	45	43	22.4	18.6	22.4	19.0	22.4	19.1	22.0	19.1	22.4	19.1
<b>2009</b>	<b>74,651</b>	<b>58,927</b>	<b>52</b>	<b>41</b>	<b>22.7</b>	<b>18.5</b>	<b>22.6</b>	<b>18.9</b>	<b>22.6</b>	<b>19.0</b>	<b>22.3</b>	<b>19.1</b>	<b>22.7</b>	<b>19.0</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>135,967</b>	<b>100</b>	<b>20.3</b>	<b>137,399</b>	<b>100</b>	<b>20.5</b>	<b>140,483</b>	<b>100</b>	<b>20.5</b>	<b>143,734</b>	<b>100</b>	<b>20.7</b>	<b>143,791</b>	<b>100</b>	<b>20.8</b>
African American/Black	15,820	12	16.8	16,224	12	16.9	16,856	12	16.9	20,463	14	16.8	20,858	15	16.8
American Indian/Alaska Native	1,394	1	17.3	1,299	1	17.6	1,242	1	17.3	446	0	19.8	412	0	20.0
Caucasian American/White	74,708	55	21.8	73,029	53	22.0	72,863	52	22.0	82,002	57	22.0	81,423	57	22.4
Hispanic	13,362	10	17.7	13,852	10	17.9	14,025	10	17.9	16,832	12	18.0	18,684	13	18.2
Asian American/Pacific Islander	5,267	4	22.5	5,140	4	22.6	5,097	4	22.8	5,434	4	23.3	5,641	4	23.7
Other/No Response	25,416	19	19.3	27,855	20	19.8	30,400	22	20.1	18,557	13	20.8	16,773	12	20.2

# Section II

# Academic Achievement

Total Students in Report: 143,791

**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	550	100	623	100	985	100	528	100	115	100	36
35	1,632	100	1,146	100	810	99	697	100	475	100	35
34	2,652	98	1,761	99	1,777	99	476	99	857	100	34
33	1,925	97	1,624	98	2,607	98	918	99	1,328	99	33
32	2,072	95	1,978	96	2,589	96	1,156	98	1,849	98	32
31	2,846	94	1,933	95	3,365	94	1,674	97	2,512	97	31
30	2,540	92	2,174	94	3,571	92	2,086	96	3,106	95	30
29	3,603	90	3,390	92	4,686	89	2,490	95	3,442	93	29
28	3,596	88	4,172	90	4,033	86	3,005	93	4,221	90	28
27	4,415	85	5,719	87	4,265	83	3,457	91	5,063	88	27
26	5,404	82	6,095	83	4,453	80	6,060	89	5,684	84	26
25	6,117	78	6,553	79	4,635	77	7,468	84	6,628	80	25
24	7,512	74	6,970	74	6,017	74	8,143	79	7,364	75	24
23	7,987	69	6,947	69	8,234	70	10,046	73	8,251	70	23
22	7,216	63	6,768	64	6,681	64	10,519	66	9,125	65	22
21	10,717	58	7,682	60	10,553	59	11,922	59	9,538	58	21
20	8,988	51	5,271	54	7,180	52	13,189	51	9,824	52	20
19	8,729	45	8,151	51	10,675	47	12,896	42	9,856	45	19
18	6,275	38	8,676	45	6,025	39	8,699	33	9,767	38	18
17	5,954	34	13,563	39	7,519	35	6,677	27	9,729	31	17
16	8,264	30	17,401	30	11,061	30	10,898	22	9,578	24	16
15	8,288	24	14,908	18	6,219	22	5,625	14	9,200	18	15
14	5,259	18	7,140	7	9,934	18	4,895	11	7,848	11	14
13	5,012	15	2,201	2	7,902	11	4,328	7	5,312	6	13
12	4,602	11	725	1	3,316	6	2,639	4	2,372	2	12
11	4,104	8	167	1	3,251	3	1,675	2	615	1	11
10	3,931	5	23	1	817	1	918	1	101	1	10
9	2,030	3	19	1	338	1	442	1	22	1	9
8	999	1	7	1	89	1	174	1	7	1	8
7	451	1	0	1	127	1	64	1	1	1	7
6	91	1	4	1	44	1	6	1	0	1	6
5	22	1	0	1	11	1	14	1	0	1	5
4	5	1	0	1	14	1	2	1	1	1	4
3	2	1	0	1	1	1	3	1	0	1	3
2	1	1	0	1	7	1	0	1	0	1	2
1	0	1	0	1	0	1	2	1	0	1	1
<b>Avg (SD)</b>	20.5 (6.4)		20.7 (5.5)		20.8 (6.1)		20.7 (5.0)		20.8 (5.3)		<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: 143,791

**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	5,082	100	1,776	100	3,183	100	4,578	100	5,031	100	1,968	100	1,337	100	18
17	5,805	96	3,275	99	5,728	98	4,731	97	8,306	97	1,491	99	2,255	99	17
16	6,273	92	8,526	96	6,028	94	8,203	94	6,569	91	5,011	98	4,696	98	16
15	5,732	88	7,728	91	7,346	90	9,088	88	7,668	86	4,427	94	8,691	94	15
14	7,711	84	10,286	85	11,556	85	9,261	82	8,255	81	11,723	91	8,237	88	14
13	9,429	79	11,220	78	8,851	76	8,111	75	8,759	75	10,862	83	19,298	82	13
12	10,618	72	16,250	70	11,538	70	14,523	69	10,941	69	11,538	75	12,227	69	12
11	11,457	65	12,999	59	11,574	62	10,826	59	10,193	61	17,793	67	16,227	61	11
10	16,042	57	16,892	50	18,460	54	10,522	52	15,384	54	26,301	55	15,827	49	10
9	12,925	46	13,469	38	15,718	41	10,349	44	9,763	44	17,764	37	16,010	38	9
8	10,929	37	15,413	29	13,166	30	12,562	37	16,871	37	14,380	24	15,562	27	8
7	11,487	29	10,195	18	18,452	21	16,070	29	21,520	25	10,420	14	8,996	16	7
6	9,916	21	6,872	11	6,625	8	9,542	17	9,697	10	1,099	7	2,975	10	6
5	10,736	14	3,924	6	3,349	4	7,956	11	2,793	3	5,677	6	6,433	8	5
4	5,729	7	3,541	3	367	2	5,742	5	1,355	1	2,215	2	617	3	4
3	3,259	3	1,250	1	1,349	1	1,261	1	519	1	559	1	3,164	3	3
2	594	1	166	1	415	1	437	1	144	1	67	1	1,001	1	2
1	67	1	9	1	86	1	29	1	23	1	496	1	238	1	1
Avg (SD)	10.1 (3.9)		10.7 (3.4)		10.6 (3.4)		10.4 (3.9)		10.7 (3.7)		10.5 (3.0)		10.5 (3.3)		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	25	24	24
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

Total Students in Report: 143,791

**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>143,791</b>	<b>52</b>	<b>22.7</b>	<b>19.0</b>
	African American/Black	20,858	42	17.9	16.2
	American Indian/Alaska Native	412	44	22.0	18.5
	Caucasian American/White	81,423	57	23.9	20.3
	Hispanic	18,684	42	19.6	17.3
	Asian American/Pacific Islander	5,641	69	24.7	21.6
	Other/No Response	16,773	46	22.3	18.8
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>	20.5	20.7	20.8	20.7	20.8
	African American/Black	16.1	16.8	16.6	17.2	16.8
	American Indian/Alaska Native	19.4	19.7	20.3	20.0	20.0
	Caucasian American/White	22.3	22.1	22.4	22.0	22.4
	Hispanic	17.4	18.3	18.0	18.4	18.2
	Asian American/Pacific Islander	23.6	24.7	22.7	23.2	23.7
	Other/No Response	19.8	20.2	20.2	20.1	20.2
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: 143,791

**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	6,759	5	5,154	4	6,179	4	2,619	2
	28 to 32	14,657	10	13,647	9	18,244	13	10,411	7
	24 to 27	23,448	16	25,337	18	19,370	13	25,128	17
	20 to 23	34,908	24	26,668	19	32,648	23	45,676	32
	16 to 19	29,222	20	47,791	33	35,280	25	39,170	27
	13 to 15	18,559	13	24,249	17	24,055	17	14,848	10
	01 to 12	16,238	11	945	1	8,015	6	5,939	4
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	68,865	48	20.2	21.3	20.7	21.1	21.0
	Females	74,539	52	20.8	20.3	20.8	20.3	20.7
	Missing	387	0	18.5	19.5	19.4	19.3	19.3
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	64	44	48	30	25
	Females	68	37	48	23	19
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 143,791

**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>	74,651	80	22.7	55	22.6	61	22.6	37	22.3	32	22.7
	Less than Core	58,927	53	18.5	26	18.9	35	19.0	15	19.1	12	19.0
	Missing	10,213	38	16.4	18	17.7	25	17.5	10	17.8	8	17.5
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	120,433	71	21.3	119,374	46	21.5	100,324	55	21.7	104,764	32	21.6
	Less than Core	15,017	40	16.7	15,268	7	16.5	34,612	34	18.8	29,861	10	18.4
	Missing	8,341	40	16.7	9,149	18	17.7	8,855	27	17.7	9,166	11	18.0
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.

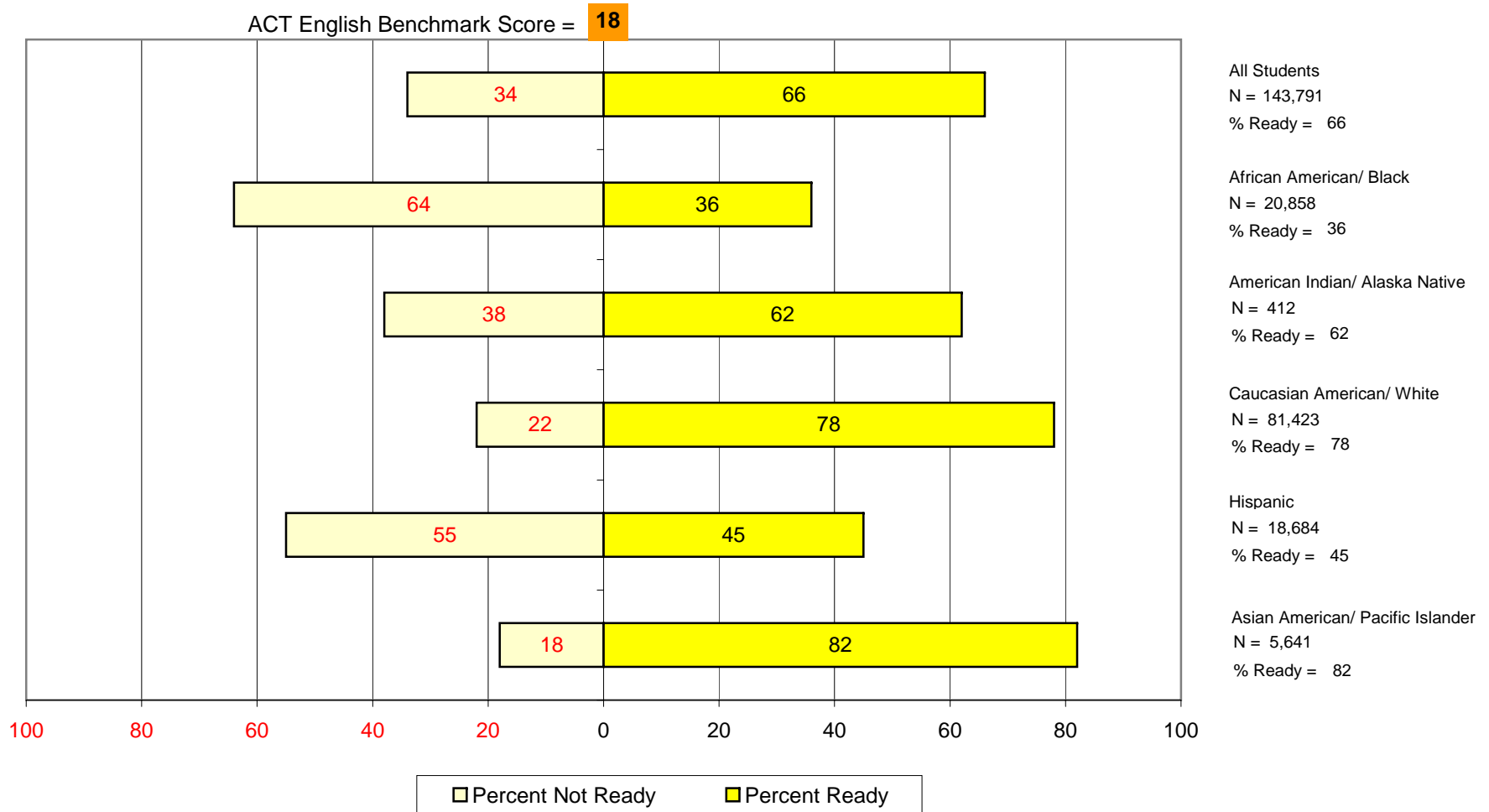


# Section III

## College Readiness and the Impact of Course Rigor

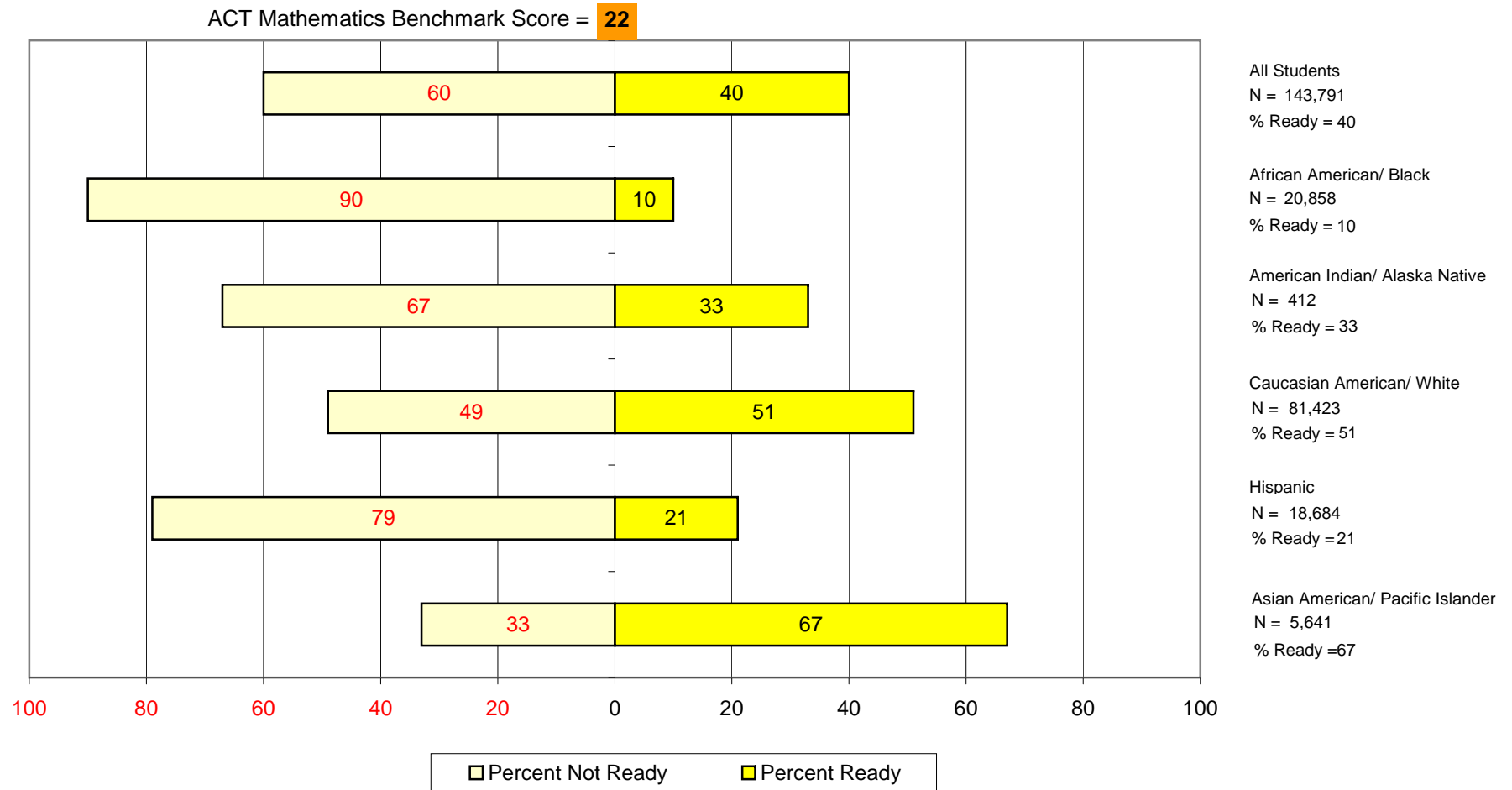
Total Students in Report: 143,791

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



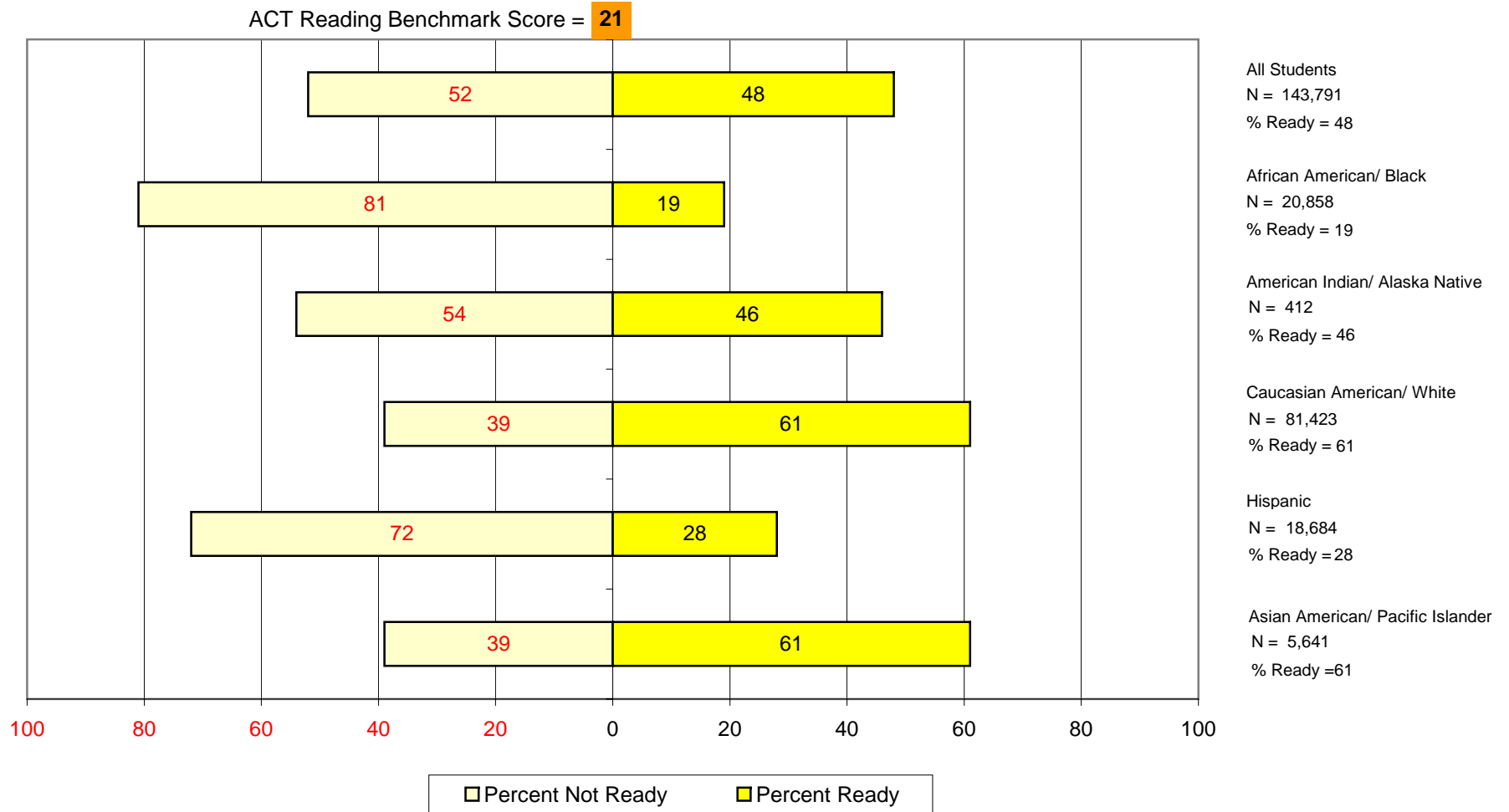
Total Students in Report: 143,791

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



Total Students in Report: 143,791

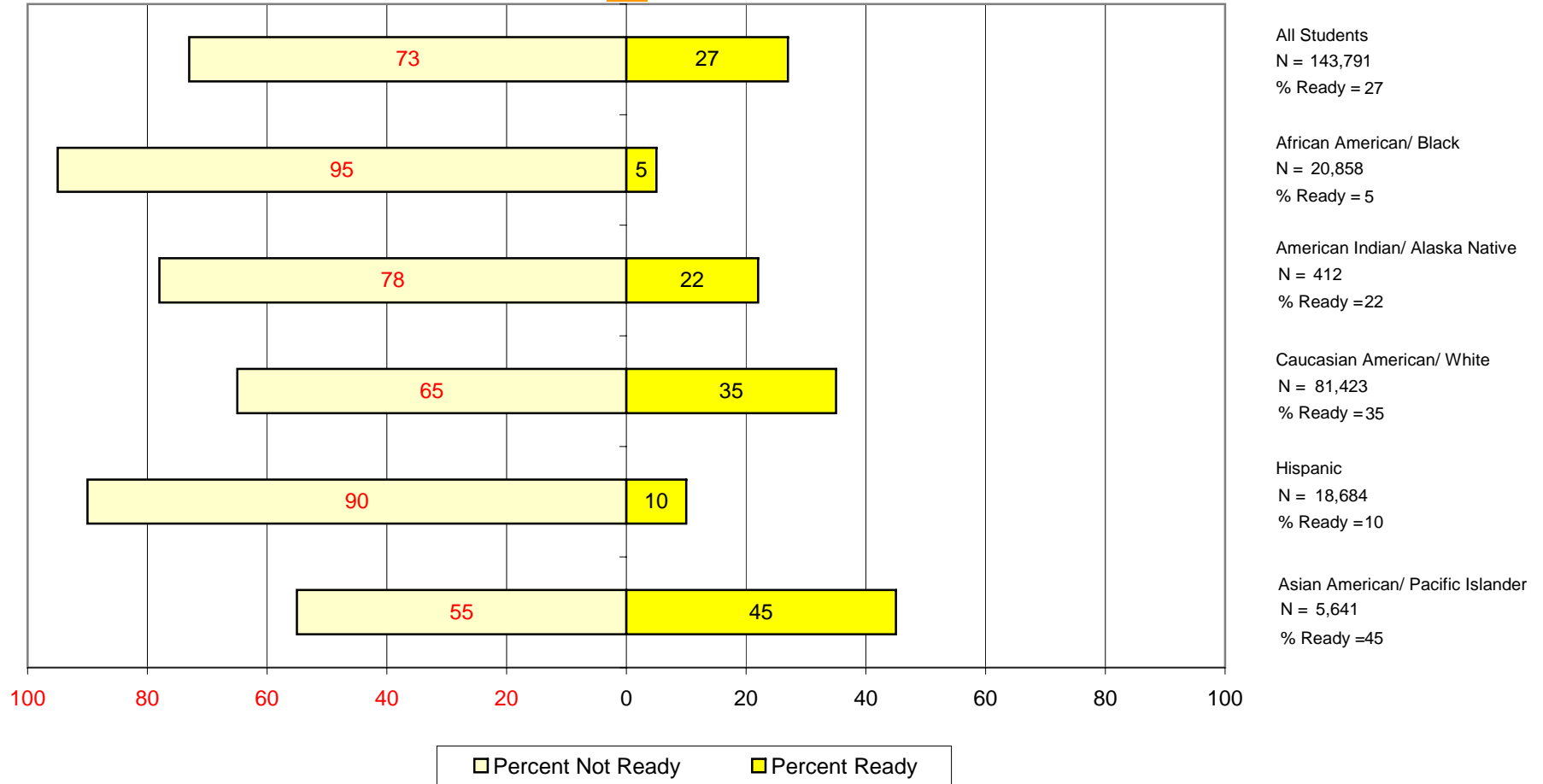
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 143,791

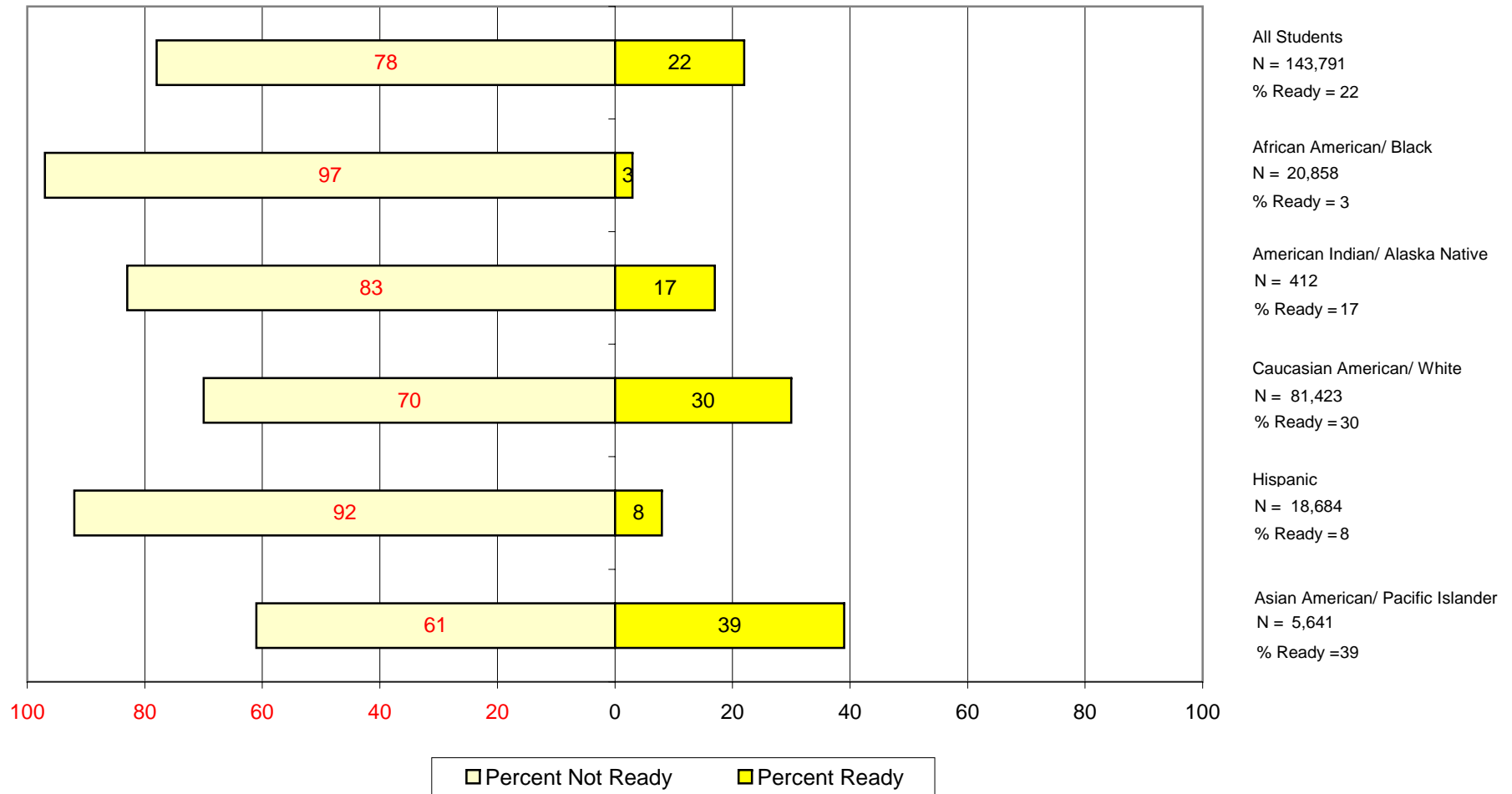
**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE**

ACT Science Benchmark Score = **24**



Total Students in Report: 143,791

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



Total Students in Report: 143,791

**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	29,068	20	22.4	5.7	12,218	18	22.1	5.6	16,794	23	22.7	5.7
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	91,365	64	20.9	4.2	44,146	64	20.8	4.3	47,018	63	21.1	4.1
Less than 4 years of English	15,107	11	16.7	-	8,219	12	16.5	-	6,851	9	17.0	-
No English course/grade information reported	8,251	6	16.7	-	4,282	6	16.3	-	3,876	5	17.1	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	9,945	7	24.8	8.3	4,712	7	25.5	8.8	5,204	7	24.1	7.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	15,470	11	22.6	6.1	6,162	9	23.4	6.7	9,292	12	22.0	5.8
Alg 1, Alg 2, Geom, & Trig	18,002	13	19.9	3.4	7,981	12	20.5	3.8	9,988	13	19.5	3.3
Alg 1, Alg 2, Geom, & Other Adv Math	13,719	10	20.8	4.3	5,781	8	21.3	4.6	7,912	11	20.4	4.2
Other comb of 4 or more years of Math	29,333	20	24.7	8.2	15,558	23	25.4	8.7	13,712	18	23.9	7.7
Alg 1, Alg 2, & Geom (Min. Core)	26,485	18	17.8	1.3	12,655	18	18.2	1.5	13,770	18	17.5	1.3
Other comb of 3 or 3.5 years of Math	6,420	4	20.5	4.0	3,256	5	21.0	4.3	3,154	4	20.0	3.8
Less than 3 years of Math	15,864	11	16.5	-	8,320	12	16.7	-	7,490	10	16.2	-
No Math course/grade information reported	8,553	6	17.9	-	4,440	6	18.1	-	4,017	5	17.6	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	2,686	2	21.9	3.1	1,393	2	22.2	3.4	1,284	2	21.7	2.9
Other comb of 4 or more years Social Science	44,791	31	22.3	3.5	20,674	30	22.4	3.6	24,024	32	22.2	3.4
US Hist, World Hist, & Am Gov (Min. Core)	5,730	4	19.4	0.6	2,982	4	19.4	0.6	2,737	4	19.4	0.6
Other comb of 3 or 3.5 years of Social Science	47,117	33	21.4	2.6	21,847	32	21.5	2.7	25,176	34	21.4	2.6
Less than 3 years of Social Science	34,820	24	18.8	-	17,459	25	18.8	-	17,277	23	18.8	-
No Soc Sci course/grade information reported	8,647	6	17.7	-	4,510	7	17.6	-	4,041	5	17.9	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	38,418	27	21.9	3.5	19,292	28	22.5	4.1	19,039	26	21.2	2.9
Bio, Chem, Phys	28,544	20	23.6	5.2	13,714	20	24.4	6.0	14,767	20	22.9	4.6
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	33,974	24	19.8	1.4	14,156	21	20.0	1.6	19,763	27	19.6	1.3
Other comb of 3 years of Natural Science	3,828	3	18.9	0.5	2,111	3	19.6	1.2	1,708	2	18.1	-0.2
Less than 3 years of Natural Science	30,342	21	18.4	-	15,072	22	18.4	-	15,193	20	18.3	-
No Nat Sci course/grade information reported	8,685	6	18.0	-	4,520	7	18.2	-	4,069	5	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: 143,791

**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	29,068	20	22.4	78	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	91,365	64	20.9	69	1,029,431	70	20.6	68
Less than 4 years of English	15,107	11	16.7	40	74,090	5	16.7	42
No English course/grade information reported	8,251	6	16.7	40	38,830	3	16.1	37
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	9,945	7	24.8	71	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	15,470	11	22.6	59	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	18,002	13	19.9	36	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	13,719	10	20.8	42	220,868	15	20.1	36
Other comb of 4 or more years of Math	29,333	20	24.7	69	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	26,485	18	17.8	15	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	6,420	4	20.5	39	70,732	5	20.1	35
Less than 3 years of Math	15,864	11	16.5	7	105,591	7	16.5	7
No Math course/grade information reported	8,553	6	17.9	19	40,565	3	17.7	18
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	2,686	2	21.9	53	46,754	3	22.8	61
Other comb of 4 or more years Social Science	44,791	31	22.3	59	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	5,730	4	19.4	38	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	47,117	33	21.4	53	420,236	28	21.3	52
Less than 3 years of Social Science	34,820	24	18.8	34	152,775	10	19.7	40
No Soc Sci course/grade information reported	8,647	6	17.7	27	40,525	3	17.5	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	38,418	27	21.9	36	563,824	38	22.2	39
Bio, Chem, Phys	28,544	20	23.6	49	141,531	10	23.3	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	33,974	24	19.8	17	459,833	31	20.1	21
Other comb of 3 years of Natural Science	3,828	3	18.9	14	41,353	3	19.8	21
Less than 3 years of Natural Science	30,342	21	18.4	10	233,215	16	18.4	11
No Nat Sci course/grade information reported	8,685	6	18.0	11	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: 143,791

**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	1,735	1	18.7	431	3	16.7	1,158	1	19.7
Architecture & Environmental Design	3,129	2	20.7	324	2	16.8	2,611	2	21.3
Business & Management	14,060	10	21.4	868	6	16.7	12,406	12	21.8
Business & Office	977	1	19.4	134	1	17.0	757	1	19.9
Marketing & Distribution	1,173	1	20.1	135	1	15.7	966	1	20.8
Communications & Comm. Technologies	4,145	3	21.7	271	2	16.8	3,674	3	22.2
Community & Personal Services	6,500	5	18.5	1,365	10	17.1	4,650	4	19.0
Computer & Information Sciences	3,262	2	21.1	402	3	17.7	2,632	3	21.7
Cross-Disciplinary Studies	170	0	24.3	2	0	10.5	156	0	24.5
Education	5,635	4	21.2	250	2	16.4	5,097	5	21.5
Teacher Education	4,885	3	20.8	214	2	16.0	4,414	4	21.1
Engineering	6,072	4	22.9	734	5	16.5	5,010	5	24.0
Engineering-Related Technologies	3,346	2	21.2	535	4	16.9	2,578	2	22.3
Foreign Languages	628	0	23.2	42	0	16.5	528	1	24.0
Health Sciences & Allied Health Fields	22,270	15	21.0	1,679	13	16.8	19,480	19	21.4
Human, Family & Consumer Science	2,667	2	18.6	515	4	16.8	1,923	2	19.3
Letters	1,070	1	24.7	49	0	19.6	969	1	25.0
Mathematics	824	1	24.5	33	0	16.4	738	1	25.1
Philosophy, Religion & Theology	520	0	22.7	19	0	17.7	466	0	23.0
Sciences (Biological & Physical)	5,789	4	24.2	117	1	17.8	5,392	5	24.5
Social Sciences	8,981	6	22.5	181	1	17.3	8,404	8	22.6
Trade & Industrial	2,978	2	18.2	1,589	12	17.5	1,130	1	19.3
Visual & Performing Arts	9,608	7	20.6	1,178	9	17.5	7,680	7	21.3
Undecided	14,006	10	21.7	1,407	11	16.7	10,935	10	22.6
No Response	19,361	13	18.0	922	7	15.3	1,496	1	17.3

<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: 143,791

**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	3,622	17.0	402	14.9	16	16.4	2,133	17.8	615	15.9	32	17.2	424	16.7
2-yr College Degree	9,774	16.8	1,436	14.6	42	16.5	4,903	17.9	2,019	15.8	155	17.4	1,219	16.7
Bachelors Degree	48,182	20.6	5,784	16.4	131	20.0	31,046	21.8	5,419	18.2	1,321	21.5	4,481	20.0
Graduate Study	23,253	23.4	2,501	18.3	46	22.0	15,308	24.7	2,154	20.4	1,065	24.4	2,179	22.9
Prof. Level Degree	33,815	22.5	5,981	18.2	97	22.3	16,939	24.3	4,366	19.8	2,454	25.6	3,978	22.3
Other	4,530	17.9	806	15.4	19	18.0	2,284	19.1	598	16.3	119	20.5	704	18.0
No Response	20,615	18.8	3,948	15.8	61	18.5	8,810	20.9	3,513	16.7	495	22.2	3,788	18.7

Total Students in Report: 143,791

**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
STATE-COLLEGE/NO REPORTS NOW	Iowa	17,455	17,446	9	2	20	30	23	13	9	3
UNIVERSITY OF ILLINOIS-URBANA CHAMPAIGN	Illinois	17,291	6,709	10,582	0	5	15	25	29	23	4
NORTHERN ILLINOIS UNIVERSITY	Illinois	14,887	4,286	10,601	1	14	31	31	17	5	0
UNIVERSITY OF ILLINOIS AT CHICAGO	Illinois	12,629	3,881	8,748	1	13	28	29	20	8	1
ILLINOIS STATE UNIVERSITY	Illinois	12,138	3,563	8,575	1	7	23	36	24	9	0
SOUTHERN ILLINOIS UNIV-CARBONDALE	Illinois	11,123	2,794	8,329	1	13	32	31	17	5	0
EASTERN ILLINOIS UNIVERSITY	Illinois	7,357	1,899	5,458	1	11	31	34	18	5	0
DE PAUL UNIVERSITY	Illinois	6,526	1,783	4,743	1	13	28	30	19	7	1
WESTERN ILLINOIS UNIVERSITY	Illinois	6,412	1,640	4,772	1	11	32	36	16	4	0
LOYOLA UNIVERSITY OF CHICAGO	Illinois	5,883	1,370	4,513	1	11	25	28	23	11	1
SOUTHERN ILLINOIS UNIV-EDWARDSVILLE	Illinois	5,816	1,638	4,178	1	10	29	34	19	7	0
UNIVERSITY OF CHICAGO	Illinois	4,510	1,088	3,422	1	14	25	24	17	14	4
COLUMBIA COLLEGE CHICAGO	Illinois	4,000	1,743	2,257	2	18	34	27	14	5	0
NORTHEASTERN ILLINOIS UNIVERSITY	Illinois	3,269	718	2,551	3	25	38	25	8	2	0
BRADLEY UNIVERSITY	Illinois	3,191	763	2,428	1	6	19	30	29	14	1
UNIVERSITY OF IOWA	Iowa	2,725	602	2,123	0	3	12	30	34	19	2
NORTHWESTERN UNIVERSITY	Illinois	2,606	627	1,979	0	3	9	18	24	35	11
ILLINOIS INSTITUTE OF ART THE	Illinois	2,451	665	1,786	3	19	37	26	12	3	0
CHICAGO STATE UNIVERSITY	Illinois	2,349	757	1,592	5	36	39	15	4	1	0
UNIV OF WISCONSIN-MADISON	Wisconsin	2,280	481	1,799	0	2	9	20	30	33	5
NCAA ELIGIBILITY CENTER	Indiana	2,210	1,057	1,153	1	10	24	31	22	11	1
PURDUE UNIVERSITY	Indiana	2,140	465	1,675	0	2	8	22	33	30	5
MARQUETTE UNIVERSITY	Wisconsin	2,130	500	1,630	0	5	13	26	29	22	3
DEVRY UNIVERSITY-CHICAGO IL	Illinois	2,087	534	1,553	4	30	39	19	6	2	0
HARPER COLLEGE	Illinois	2,066	960	1,106	1	15	32	29	14	7	1
ILLINOIS CENTRAL COLLEGE	Illinois	2,058	1,123	935	2	18	35	28	13	4	0
JOLIET JUNIOR COLLEGE	Illinois	2,058	944	1,114	3	21	38	27	10	2	0
UNIVERSITY OF ILLINOIS-SPRINGFIELD	Illinois	2,012	348	1,664	1	11	28	32	20	7	0
ROBERT MORRIS COLLEGE-CHICAGO	Illinois	2,008	486	1,522	4	30	41	18	5	1	0
STATE-NO COLLEGE PLANS	Iowa	1,953	1,953	0	8	42	35	12	3	1	0
All Other Institutions		157,740	44,007	113,733	2	17	29	25	16	10	2
<b>Total</b>		<b>323,360</b>	<b>106,830</b>	<b>216,530</b>	<b>2</b>	<b>15</b>	<b>28</b>	<b>27</b>	<b>17</b>	<b>10</b>	<b>2</b>

# Section V Optional Writing Test Results

Total Students in Report: 143,791

**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>125,785</b>	<b>814,713</b>	<b>20.6</b>	<b>21.5</b>	<b>7.0</b>	<b>7.2</b>	<b>20.0</b>	<b>20.8</b>
African American/Black	17,790	96,225	16.3	16.5	6.2	6.4	16.1	16.5
American Indian/Alaska Native	368	5,489	19.2	18.9	6.4	6.7	18.5	18.5
Caucasian American/White	70,520	497,164	22.3	22.8	7.2	7.3	21.5	21.9
Hispanic	16,801	85,681	17.4	18.4	6.8	7.0	17.5	18.4
Asian American/Pacific Islander	4,993	44,716	23.9	23.5	7.6	7.6	23.1	22.8
Other/No Response	15,313	85,438	19.9	21.4	6.9	7.2	19.4	20.8
Males	60,049	357,025	20.3	21.1	6.7	6.9	19.5	20.3
Females	65,405	455,190	20.9	21.7	7.3	7.4	20.5	21.2
Missing	331	2,498	18.6	22.1	6.7	7.2	18.3	21.3



