

# ACT Profile Report - State

Graduating Class 2010  
Illinois



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This report provides information about the performance of your 2010 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2010 and tested under standard time conditions.

This report focuses on:

**Performance** - student test performance in the context of college readiness

**Access** - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

**College Readiness** - percent of students meeting ACT College Readiness Benchmark Scores in each content area

**Awareness** - extent to which student aspirations match performance

**Articulation** - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

Total Students in Report: 145,520

**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

23% 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:** 145,520 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 9% of the cohort took less than three years of math courses. Of these students, 7% were college ready. 18% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 55% 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 20% of the cohort took less than three years of natural science courses. 10% of these students were college ready. In comparison, 33% 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 52% 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.

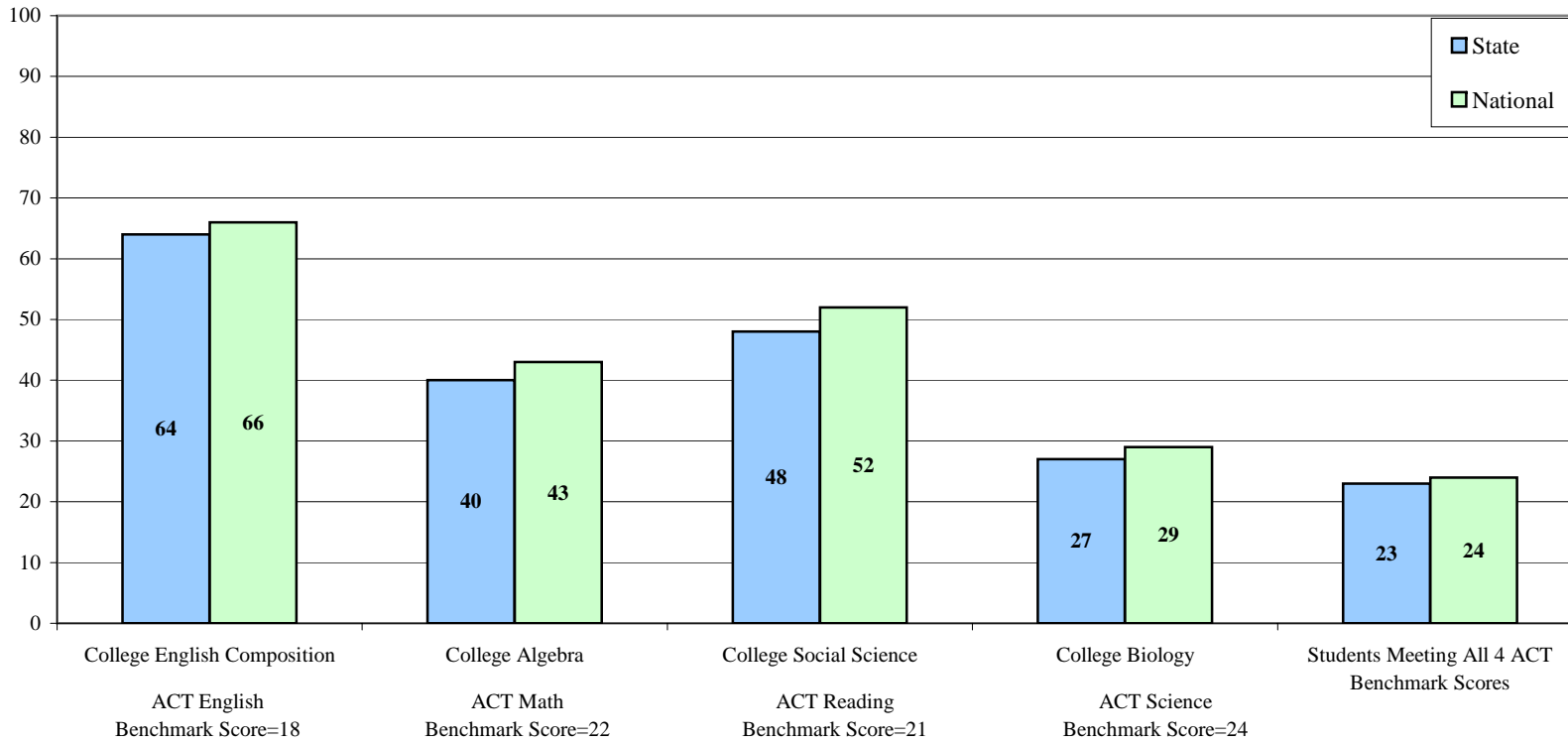
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 847-634-2560.

# Section I

## Executive Summary

Total Students in Report: 145,520

**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: 145,520

**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	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
2009	143,791	1,480,469	66	67	40	42	48	53	27	28	22	23
<b>2010</b>	<b>145,520</b>	<b>1,568,835</b>	<b>64</b>	<b>66</b>	<b>40</b>	<b>43</b>	<b>48</b>	<b>52</b>	<b>27</b>	<b>29</b>	<b>23</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	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
2009	143,791	1,480,469	20.5	20.6	20.7	21.0	20.8	21.4	20.7	20.9	20.8	21.1
<b>2010</b>	<b>145,520</b>	<b>1,568,835</b>	<b>20.3</b>	<b>20.5</b>	<b>20.7</b>	<b>21.0</b>	<b>20.8</b>	<b>21.3</b>	<b>20.5</b>	<b>20.9</b>	<b>20.7</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: 145,520

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2006	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
2009	74,651	58,927	52	41	22.7	18.5	22.6	18.9	22.6	19.0	22.3	19.1	22.7	19.0
<b>2010</b>	<b>76,236</b>	<b>57,697</b>	<b>52</b>	<b>40</b>	<b>22.5</b>	<b>18.2</b>	<b>22.5</b>	<b>18.8</b>	<b>22.7</b>	<b>19.1</b>	<b>22.2</b>	<b>18.9</b>	<b>22.6</b>	<b>18.9</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.

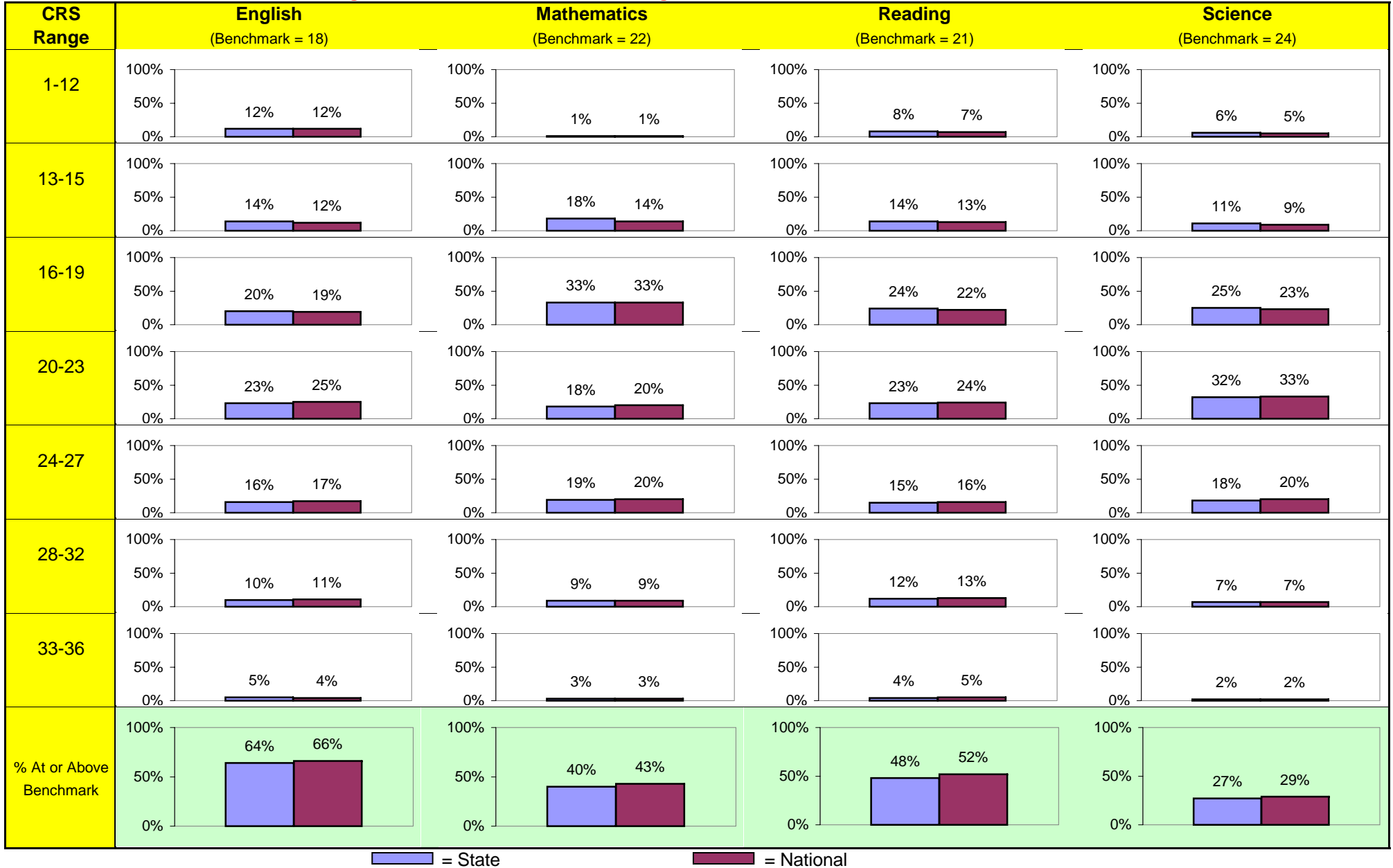
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**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>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>	<b>145,520</b>	<b>100</b>	<b>20.7</b>
African American/Black	16,224	12	16.9	16,856	12	16.9	20,463	14	16.8	20,858	15	16.8	21,385	15	16.7
American Indian/Alaska Native	1,299	1	17.6	1,242	1	17.3	446	0	19.8	412	0	20.0	452	0	20.1
Caucasian American/White	73,029	53	22.0	72,863	52	22.0	82,002	57	22.0	81,423	57	22.4	80,841	56	22.4
Hispanic	13,852	10	17.9	14,025	10	17.9	16,832	12	18.0	18,684	13	18.2	19,990	14	18.0
Asian American/Pacific Islander	5,140	4	22.6	5,097	4	22.8	5,434	4	23.3	5,641	4	23.7	5,600	4	23.8
Other/No Response	27,855	20	19.8	30,400	22	20.1	18,557	13	20.8	16,773	12	20.2	17,252	12	19.9

Total Students in Report: 145,520

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





# Section II

# Academic Achievement

Total Students in Report: 145,520

**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	380	100	414	100	1,007	100	425	100	90	100	36
35	2,405	100	1,193	100	1,172	99	734	100	446	100	35
34	1,977	98	1,313	99	2,133	99	927	99	947	100	34
33	2,022	97	1,604	98	2,225	97	1,132	99	1,355	99	33
32	1,707	95	2,178	97	2,938	96	413	98	1,850	98	32
31	2,260	94	1,833	95	2,850	93	1,721	98	2,394	97	31
30	3,535	93	2,816	94	3,837	92	2,106	96	3,153	95	30
29	3,004	90	2,827	92	4,090	89	2,341	95	3,474	93	29
28	4,464	88	3,905	90	4,327	86	3,195	93	4,398	91	28
27	3,944	85	5,598	88	4,765	83	4,099	91	5,174	88	27
26	5,558	82	6,864	84	4,916	80	5,966	88	5,801	84	26
25	7,116	79	6,058	79	5,865	76	8,652	84	6,766	80	25
24	6,229	74	8,544	75	5,588	72	7,188	78	7,478	75	24
23	6,606	69	7,043	69	7,123	69	10,093	73	8,280	70	23
22	8,177	65	6,616	64	10,659	64	10,837	66	8,843	65	22
21	9,457	59	5,900	60	6,961	56	12,189	59	9,329	58	21
20	8,948	53	6,642	56	8,063	52	13,073	51	9,751	52	20
19	8,707	47	7,226	51	11,104	46	7,825	42	9,789	45	19
18	5,961	41	10,501	46	6,564	38	12,036	36	9,810	39	18
17	7,855	36	12,282	39	7,523	34	6,604	28	9,539	32	17
16	6,680	31	17,459	30	9,920	29	9,982	23	9,164	25	16
15	8,275	26	15,598	18	6,311	22	6,117	16	8,654	19	15
14	7,602	21	7,735	8	6,635	18	4,959	12	7,802	13	14
13	4,721	16	2,421	2	7,496	13	4,530	9	6,231	8	13
12	3,083	12	565	1	5,959	8	3,266	6	3,520	3	12
11	5,767	10	318	1	2,604	4	2,245	4	1,190	1	11
10	3,561	6	37	1	1,966	2	1,692	2	229	1	10
9	2,612	4	2	1	504	1	692	1	46	1	9
8	1,963	2	19	1	88	1	302	1	9	1	8
7	724	1	0	1	194	1	112	1	6	1	7
6	151	1	7	1	82	1	45	1	0	1	6
5	49	1	0	1	35	1	9	1	2	1	5
4	13	1	2	1	4	1	7	1	0	1	4
3	4	1	0	1	8	1	4	1	0	1	3
2	2	1	0	1	3	1	0	1	0	1	2
1	1	1	0	1	1	1	2	1	0	1	1
<b>Avg (SD)</b>	20.3 (6.5)		20.7 (5.5)		20.8 (6.3)		20.5 (5.2)		20.7 (5.4)		<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: 145,520

**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	5,207	100	1,577	100	3,598	100	2,904	100	6,419	100	1,662	100	1,697	100	18
17	5,848	96	3,090	99	4,887	98	8,250	98	6,024	96	2,312	99	1,191	99	17
16	5,692	92	6,658	97	6,360	94	6,169	92	6,635	91	4,289	97	4,595	98	16
15	8,019	88	9,563	92	9,831	90	10,219	88	7,221	87	4,547	94	8,744	95	15
14	8,316	83	10,323	86	9,065	83	8,939	81	7,664	82	11,283	91	11,568	89	14
13	6,729	77	8,958	79	8,980	77	5,595	75	11,398	77	9,966	83	11,022	81	13
12	9,962	73	15,671	72	11,443	71	11,365	71	9,317	69	14,985	77	15,633	73	12
11	10,825	66	14,464	62	18,536	63	13,460	63	14,510	62	14,377	66	16,361	63	11
10	16,610	58	16,287	52	13,826	50	18,004	54	9,582	52	22,672	56	14,854	51	10
9	11,696	47	14,034	40	14,802	41	10,615	42	15,043	46	17,443	41	21,445	41	9
8	14,647	39	15,668	31	20,655	30	10,674	34	16,934	36	14,603	29	14,846	26	8
7	10,766	29	10,429	20	10,353	16	9,532	27	17,011	24	12,105	19	9,798	16	7
6	10,042	21	5,155	13	6,639	9	9,527	20	11,363	12	7,648	10	2,894	9	6
5	8,210	15	7,038	9	3,829	4	11,218	14	4,901	4	1,677	5	6,404	7	5
4	8,340	9	4,460	5	1,808	2	6,634	6	1,065	1	3,643	4	686	3	4
3	3,247	3	1,792	1	413	1	1,632	2	219	1	1,916	2	2,850	3	3
2	1,217	1	336	1	411	1	762	1	186	1	15	1	355	1	2
1	147	1	17	1	84	1	21	1	28	1	377	1	577	1	1
Avg (SD)	10.0 (4.0)		10.4 (3.4)		10.7 (3.4)		10.3 (3.9)		10.6 (3.7)		10.3 (3.1)		10.4 (3.2)		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)	15	16	16	17	16

Total Students in Report: 145,520

**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>145,520</b>	<b>52</b>	<b>22.6</b>	<b>18.9</b>
	African American/Black	21,385	43	17.8	16.1
	American Indian/Alaska Native	452	44	21.9	18.9
	Caucasian American/White	80,841	58	24.0	20.3
	Hispanic	19,990	43	19.5	17.0
	Asian American/Pacific Islander	5,600	69	25.0	21.3
	Other/No Response	17,252	44	22.3	18.4
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>	20.3	20.7	20.8	20.5	20.7
	African American/Black	15.9	16.8	16.6	17.0	16.7
	American Indian/Alaska Native	19.4	19.8	20.7	20.1	20.1
	Caucasian American/White	22.2	22.2	22.6	22.0	22.4
	Hispanic	16.9	18.2	18.1	18.2	18.0
	Asian American/Pacific Islander	23.5	24.8	23.1	23.4	23.8
	Other/No Response	19.3	19.9	20.1	19.7	19.9
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: 145,520

**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	6,784	5	4,524	3	6,537	4	3,218	2
	28 to 32	14,970	10	13,559	9	18,042	12	9,776	7
	24 to 27	22,847	16	27,064	19	21,134	15	25,905	18
	20 to 23	33,188	23	26,201	18	32,806	23	46,192	32
	16 to 19	29,203	20	47,468	33	35,111	24	36,447	25
	13 to 15	20,598	14	25,754	18	20,442	14	15,606	11
	01 to 12	17,930	12	950	1	11,448	8	8,376	6
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	70,501	48	19.8	21.2	20.7	21.0	20.8
	Females	74,838	51	20.7	20.2	21.0	20.1	20.6
	Missing	181	0	15.3	16.7	16.9	16.8	16.5
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	61	44	48	31	26
	Females	66	37	49	23	20
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 145,520

**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>	76,236	78	22.5	56	22.5	61	22.7	38	22.2	33	22.6
	Less than Core	57,697	50	18.2	25	18.8	36	19.1	15	18.9	12	18.9
	Missing <sup>3</sup>	11,587	36	16.2	18	17.6	26	17.5	10	17.4	8	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>	121,757	69	21.0	121,419	46	21.4	100,961	56	21.9	106,307	33	21.4
	Less than Core	13,866	37	16.2	13,600	7	16.5	34,143	34	18.8	28,502	10	18.2
	Missing <sup>3</sup>	9,897	37	16.3	10,501	18	17.7	10,416	27	17.6	10,711	11	17.5
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

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

<sup>2</sup> "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

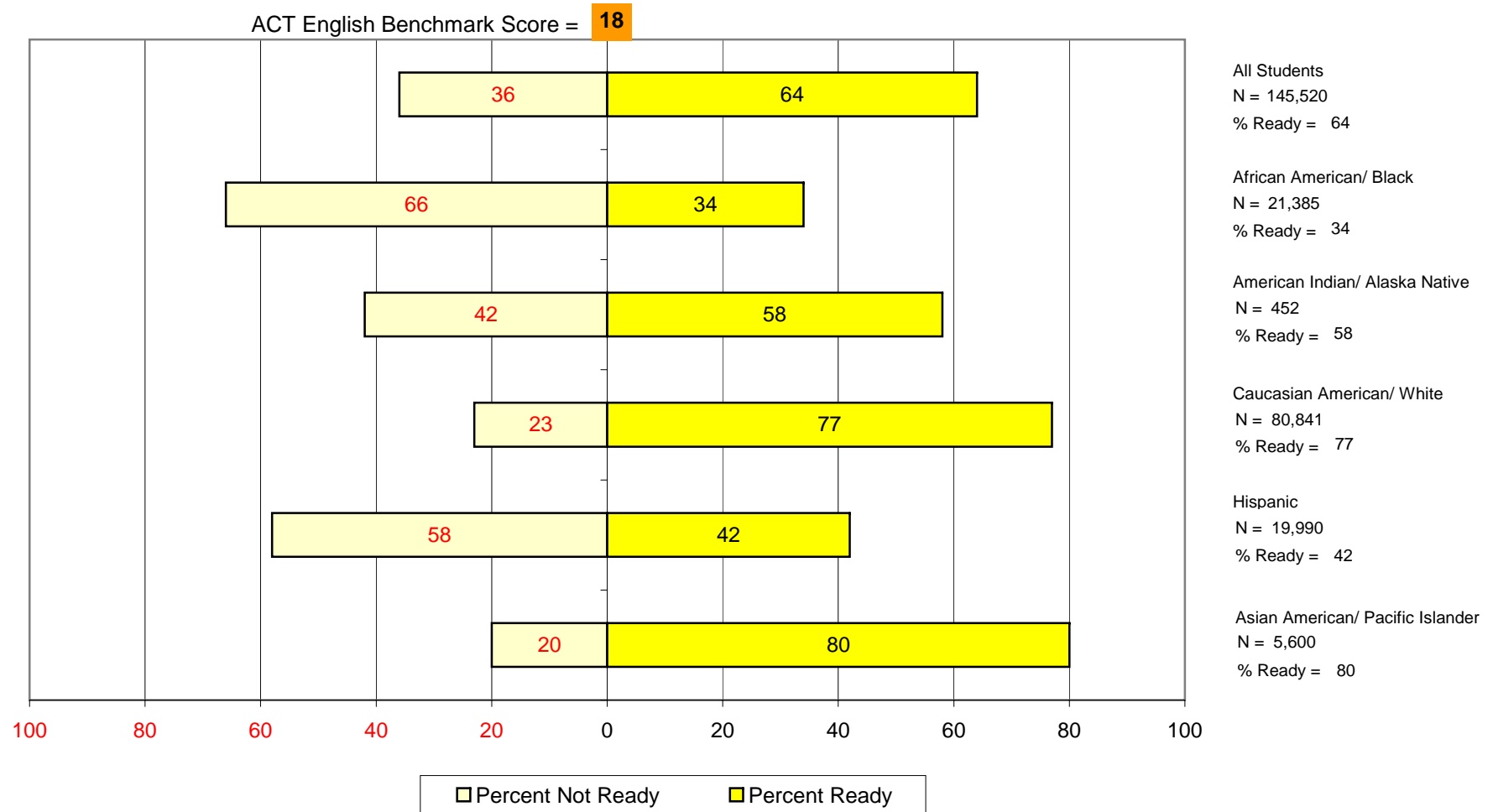
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

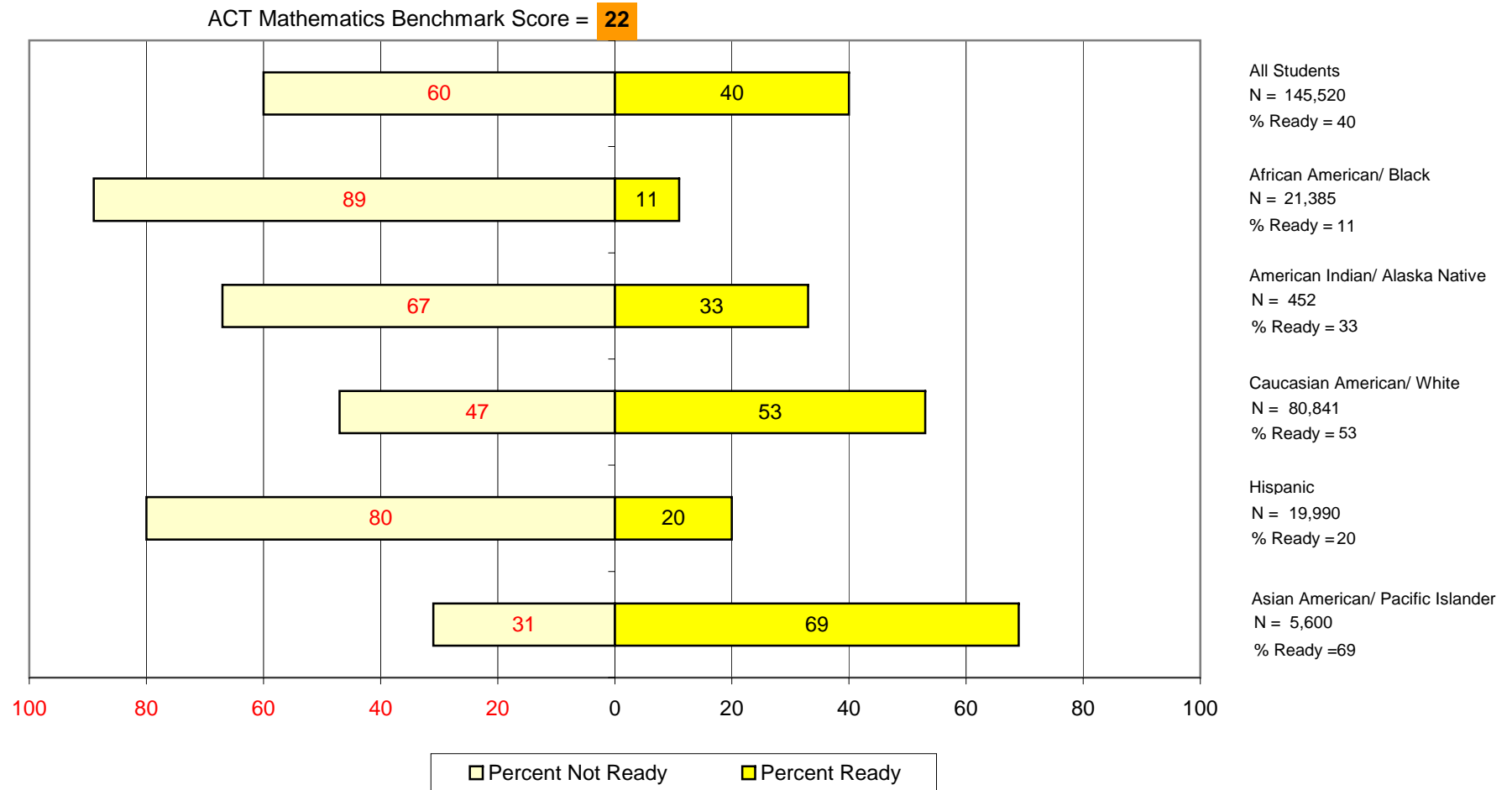
Total Students in Report: 145,520

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



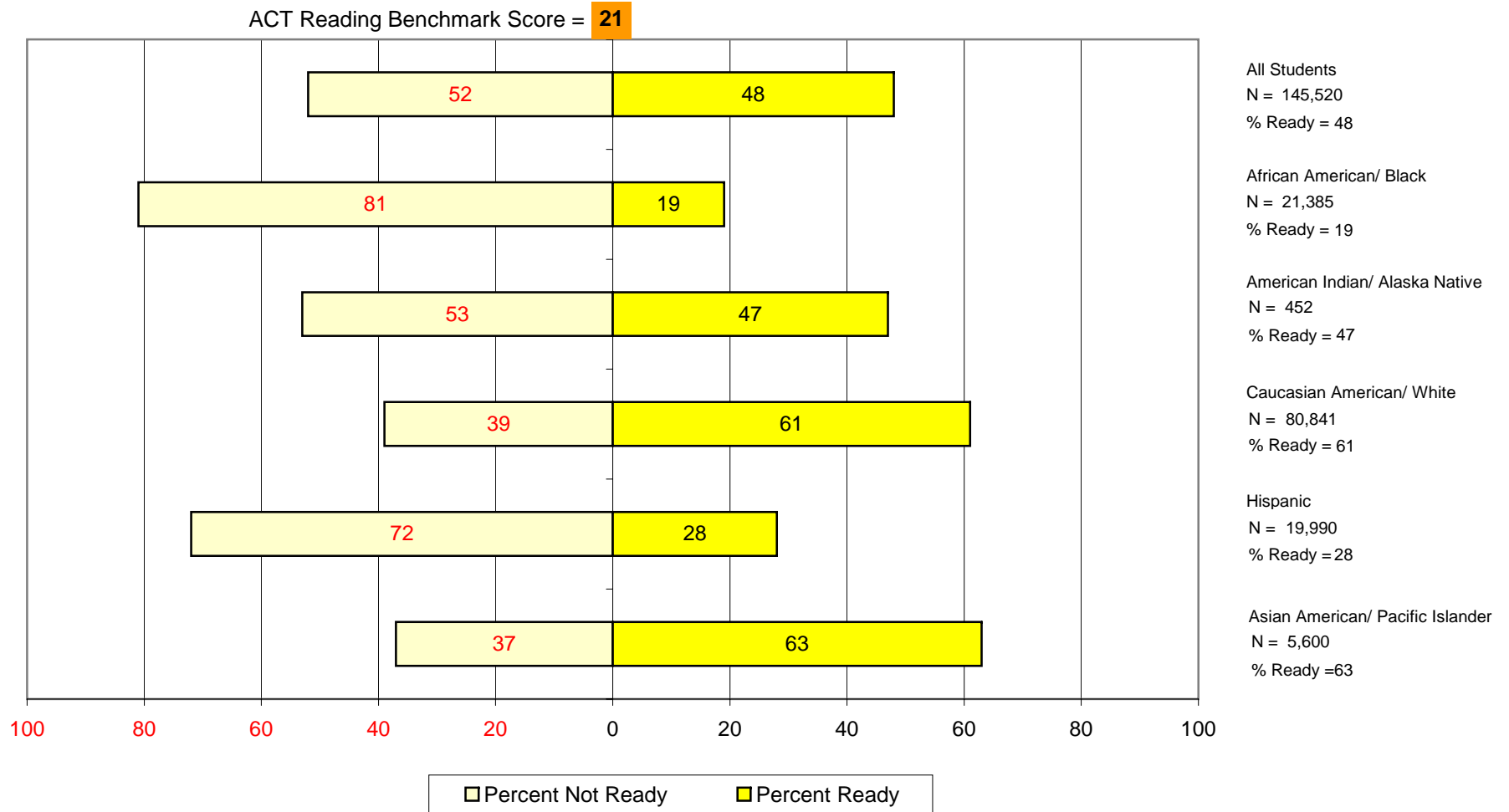
Total Students in Report: 145,520

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



Total Students in Report: 145,520

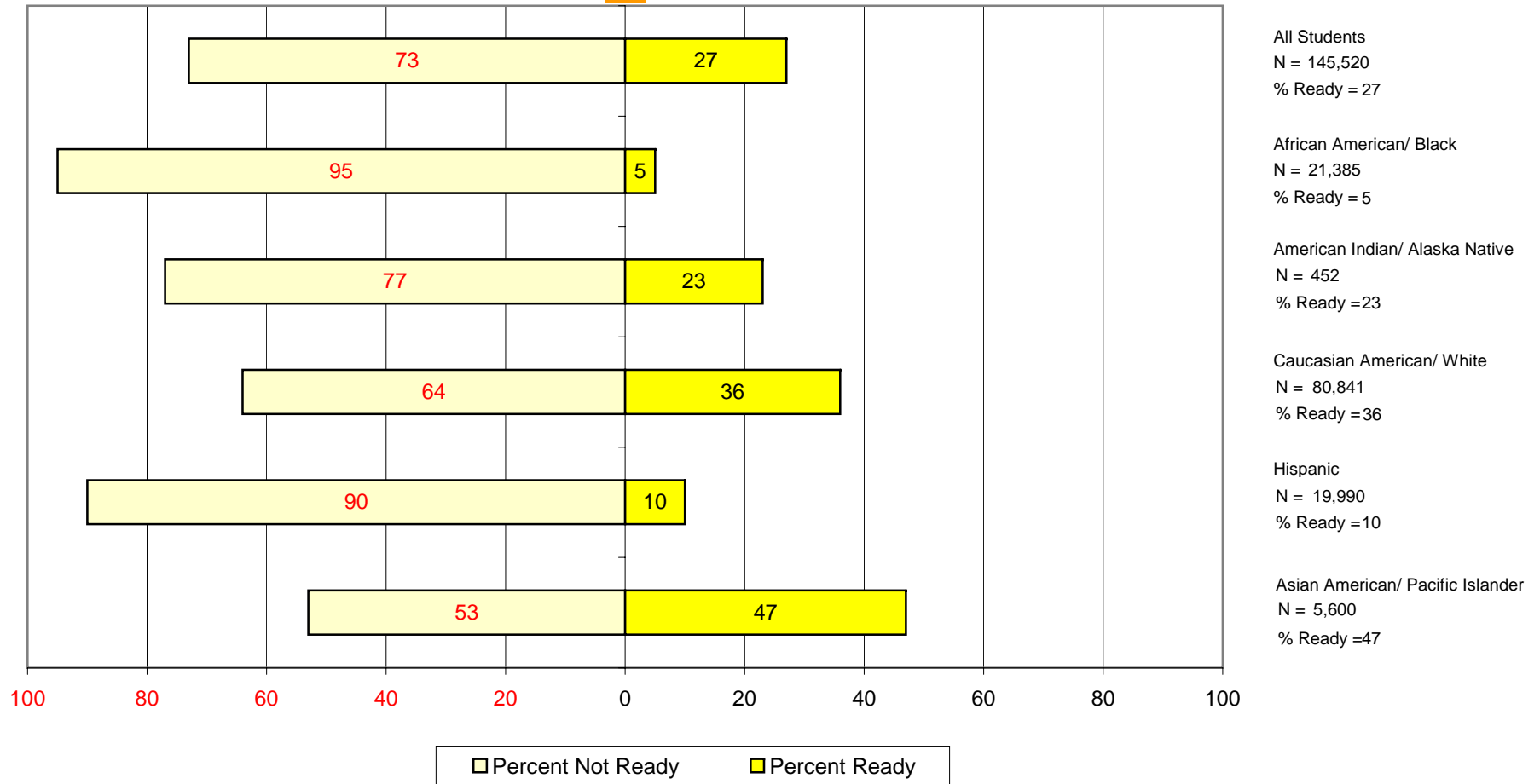
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 145,520

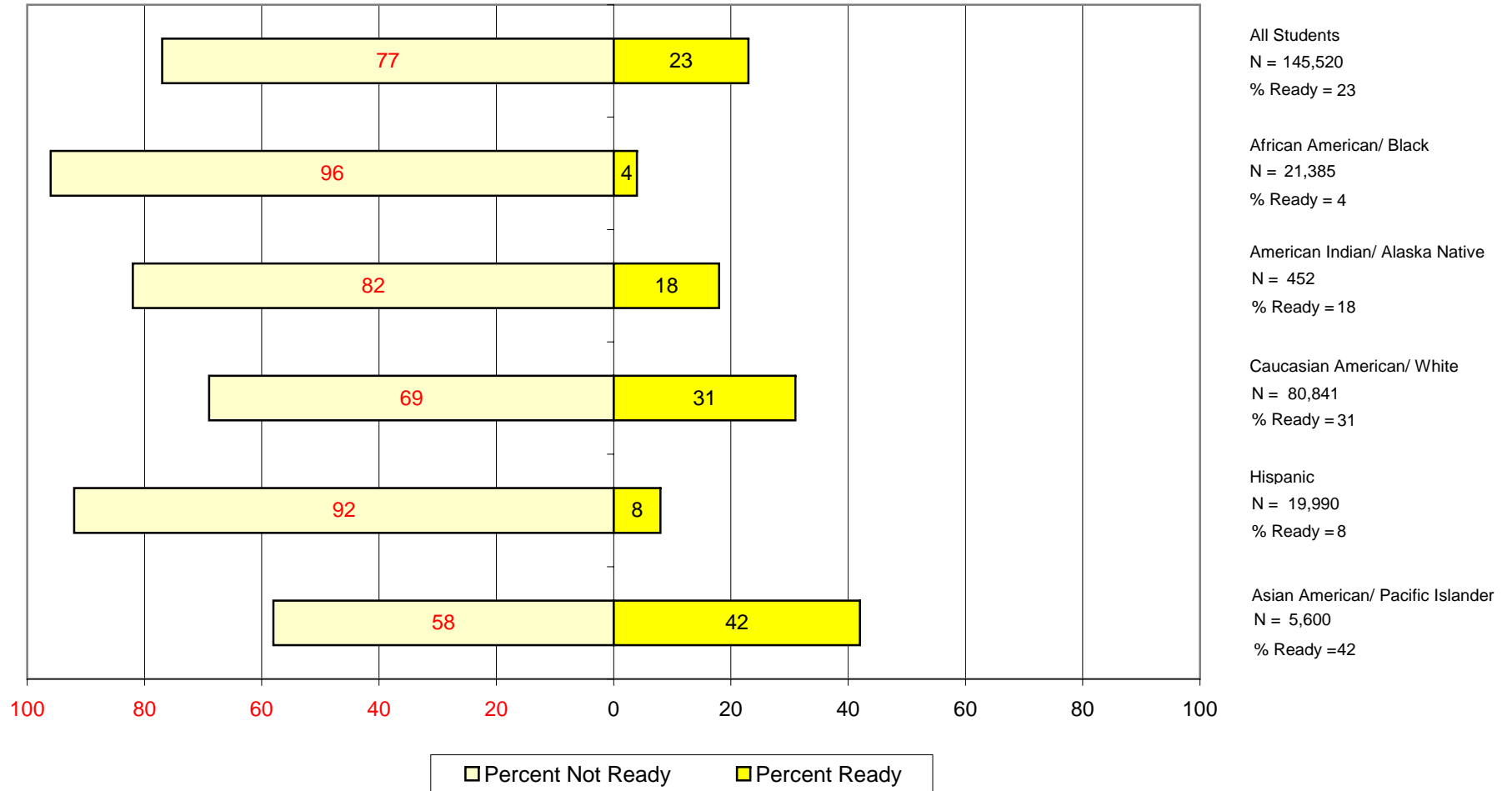
**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE**

ACT Science Benchmark Score = **24**



Total Students in Report: 145,520

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





Total Students in Report: 145,520

**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	28,876	20	22.3	6.1	12,243	17	21.8	5.9	16,621	22	22.7	6.1
Eng 9, Eng 10, Eng 11, Eng 12	92,881	64	20.7	4.5	45,490	65	20.4	4.5	47,313	63	20.9	4.3
Less than 4 years of English	13,866	10	16.2	-	7,518	11	15.9	-	6,320	8	16.6	-
Zero years / no English courses reported	9,897	7	16.3	-	5,250	7	15.9	-	4,584	6	16.8	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	10,372	7	24.4	7.9	5,030	7	25.1	8.4	5,335	7	23.7	7.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	15,695	11	22.4	5.9	6,460	9	23.1	6.4	9,226	12	22.0	5.8
Alg 1, Alg 2, Geom, & Trig	17,694	12	19.8	3.3	8,091	11	20.3	3.6	9,588	13	19.3	3.1
Alg 1, Alg 2, Geom, & Other Adv Math	14,194	10	20.5	4.0	5,979	8	21.0	4.3	8,205	11	20.1	3.9
Other comb of 4 or more years of Math	31,066	21	24.5	8.0	16,429	23	25.2	8.5	14,628	20	23.7	7.5
Alg 1, Alg 2, & Geom	25,976	18	17.7	1.2	12,616	18	18.0	1.3	13,328	18	17.3	1.1
Other comb of 3 or 3.5 years of Math	6,422	4	20.4	3.9	3,201	5	20.8	4.1	3,210	4	19.9	3.7
Less than 3 years of Math	13,600	9	16.5	-	7,126	10	16.7	-	6,451	9	16.2	-
Zero years / no Math courses reported	10,501	7	17.7	-	5,569	8	18.0	-	4,867	7	17.3	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	2,858	2	21.5	2.7	1,511	2	21.4	2.7	1,345	2	21.7	2.9
Other comb of 4 or more years Social Science	45,488	31	22.4	3.6	21,388	30	22.4	3.7	24,074	32	22.4	3.6
US Hist, World Hist, & Am Gov	5,844	4	19.3	0.5	3,143	4	19.2	0.5	2,694	4	19.3	0.5
Other comb of 3 or 3.5 years of Social Science	46,771	32	21.7	2.9	21,781	31	21.6	2.9	24,961	33	21.7	2.9
Less than 3 years of Social Science	34,143	23	18.8	-	17,114	24	18.7	-	16,976	23	18.8	-
Zero years / no Social Science courses reported	10,416	7	17.6	-	5,564	8	17.4	-	4,788	6	17.9	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	40,599	28	21.8	3.6	20,349	29	22.4	4.1	20,225	27	21.1	2.9
Bio, Chem, Phys	30,352	21	23.3	5.1	14,718	21	24.1	5.8	15,615	21	22.5	4.3
Gen Sci <sup>2</sup> , Bio, Chem	31,407	22	19.7	1.5	13,339	19	19.9	1.6	18,034	24	19.5	1.3
Other comb of 3 years of Natural Science	3,949	3	18.6	0.4	2,217	3	19.1	0.8	1,726	2	17.9	-0.3
Less than 3 years of Natural Science	28,502	20	18.2	-	14,217	20	18.3	-	14,252	19	18.2	-
Zero years / no Natural Science courses reported	10,711	7	17.5	-	5,661	8	17.7	-	4,986	7	17.3	-

<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: 145,520

**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	28,876	20	22.3	77	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	92,881	64	20.7	66	1,096,437	70	20.5	66
Less than 4 years of English	13,866	10	16.2	37	74,180	5	16.4	39
Zero years / no English courses reported	9,897	7	16.3	37	43,106	3	15.7	34
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	10,372	7	24.4	69	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	15,695	11	22.4	60	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	17,694	12	19.8	35	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	14,194	10	20.5	40	239,289	15	20.0	36
Other comb of 4 or more years of Math	31,066	21	24.5	69	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	25,976	18	17.7	14	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	6,422	4	20.4	38	74,720	5	19.9	35
Less than 3 years of Math	13,600	9	16.5	7	97,949	6	16.4	7
Zero years / no Math courses reported	10,501	7	17.7	18	47,380	3	17.5	16
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	2,858	2	21.5	52	47,523	3	22.6	60
Other comb of 4 or more years Social Science	45,488	31	22.4	60	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	5,844	4	19.3	37	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	46,771	32	21.7	54	439,520	28	21.2	51
Less than 3 years of Social Science	34,143	23	18.8	34	156,679	10	19.5	39
Zero years / no Social Science courses reported	10,416	7	17.6	27	45,555	3	17.3	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	40,599	28	21.8	36	620,765	40	22.2	40
Bio, Chem, Phys	30,352	21	23.3	47	152,001	10	23.2	48
Gen Sci <sup>1</sup> , Bio, Chem	31,407	22	19.7	17	474,375	30	20.1	21
Other comb of 3 years of Natural Science	3,949	3	18.6	13	43,231	3	19.7	21
Less than 3 years of Natural Science	28,502	20	18.2	10	231,566	15	18.3	12
Zero years / no Natural Science courses reported	10,711	7	17.5	11	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: 145,520

**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	1,827	1	18.8	447	3	16.6	1,249	1	19.8
Architecture & Environmental Design	2,903	2	20.5	303	2	16.4	2,407	2	21.2
Business & Management	12,466	9	21.2	774	6	16.3	11,028	10	21.7
Business & Office	817	1	19.2	127	1	16.5	626	1	19.9
Marketing & Distribution	988	1	20.3	91	1	16.4	848	1	20.8
Communications & Comm. Technologies	3,749	3	21.5	252	2	16.7	3,315	3	22.0
Community & Personal Services	7,011	5	18.2	1,416	11	16.7	5,081	5	18.7
Computer & Information Sciences	3,127	2	21.0	357	3	17.4	2,591	2	21.5
Cross-Disciplinary Studies	170	0	24.2	7	0	17.3	153	0	24.7
Education	5,867	4	21.0	246	2	16.2	5,345	5	21.3
Teacher Education	5,061	3	21.0	218	2	16.3	4,602	4	21.4
Engineering	6,435	4	22.9	747	6	16.1	5,377	5	24.0
Engineering-Related Technologies	3,538	2	21.4	509	4	16.6	2,814	3	22.4
Foreign Languages	617	0	23.1	41	0	16.8	518	0	23.8
Health Sciences & Allied Health Fields	23,816	16	20.8	1,783	13	16.7	20,890	19	21.3
Human, Family & Consumer Science	2,689	2	18.3	487	4	16.6	2,000	2	18.9
Letters	1,021	1	24.6	44	0	19.5	916	1	25.0
Mathematics	879	1	25.1	27	0	16.7	799	1	25.5
Philosophy, Religion & Theology	564	0	22.3	23	0	17.4	500	0	22.6
Sciences (Biological & Physical)	6,107	4	24.1	110	1	17.8	5,756	5	24.3
Social Sciences	9,316	6	22.4	161	1	16.9	8,739	8	22.6
Trade & Industrial	2,746	2	17.9	1,422	11	17.3	1,090	1	18.8
Visual & Performing Arts	9,862	7	20.4	1,275	10	16.9	7,746	7	21.1
Undecided	14,503	10	22.0	1,357	10	16.5	11,397	11	22.8
No Response	19,441	13	17.7	1,034	8	14.6	1,719	2	17.1

<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: 145,520

**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	3,464	16.5	452	14.4	9	18.1	1,935	17.4	611	15.4	28	16.8	429	16.5
2-yr College Degree	9,794	16.5	1,447	14.4	38	17.2	4,865	17.7	2,196	15.4	135	17.4	1,113	16.2
Bachelors Degree	49,331	20.5	5,967	16.4	152	20.1	31,256	21.8	6,025	17.9	1,291	21.7	4,640	19.7
Graduate Study	23,699	23.3	2,694	18.3	59	22.6	15,346	24.7	2,261	20.1	1,054	24.6	2,285	22.4
Prof. Level Degree	34,476	22.5	6,038	18.1	90	22.0	16,978	24.4	4,757	19.8	2,449	25.7	4,164	22.1
Other	4,382	18.0	744	15.4	19	18.2	2,186	19.3	621	16.4	132	19.7	680	18.0
No Response	20,374	18.5	4,043	15.4	85	18.5	8,275	20.9	3,519	16.5	511	21.8	3,941	18.1

Total Students in Report: 145,520

**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	18,531	18,523	8	5	20	29	22	12	8	2
UNIVERSITY OF ILLINOIS-URBANA CHAMPAIGN	Illinois	16,405	6,218	10,187	1	5	15	25	29	23	4
NORTHERN ILLINOIS UNIVERSITY	Illinois	14,672	4,191	10,481	2	15	31	31	16	5	0
UNIVERSITY OF ILLINOIS AT CHICAGO	Illinois	12,744	3,894	8,850	2	13	27	30	19	8	1
ILLINOIS STATE UNIVERSITY	Illinois	11,944	3,542	8,402	1	8	23	36	23	9	1
SOUTHERN ILLINOIS UNIV-CARBONDALE	Illinois	10,601	2,636	7,965	2	14	31	32	16	5	0
EASTERN ILLINOIS UNIVERSITY	Illinois	7,460	1,849	5,611	1	12	32	35	16	4	0
DE PAUL UNIVERSITY	Illinois	6,328	1,800	4,528	3	16	28	27	18	7	1
WESTERN ILLINOIS UNIVERSITY	Illinois	6,242	1,600	4,642	2	12	34	34	15	3	0
SOUTHERN ILLINOIS UNIV-EDWARDSVILLE	Illinois	5,612	1,509	4,103	1	11	29	33	19	7	0
LOYOLA UNIVERSITY OF CHICAGO	Illinois	5,455	1,277	4,178	2	11	24	28	23	11	1
UNIVERSITY OF CHICAGO	Illinois	4,570	1,080	3,490	2	14	25	23	17	14	4
COLUMBIA COLLEGE CHICAGO	Illinois	3,718	1,579	2,139	3	17	33	27	15	5	0
BRADLEY UNIVERSITY	Illinois	3,644	973	2,671	1	7	18	29	28	15	2
NORTHEASTERN ILLINOIS UNIVERSITY	Illinois	3,257	724	2,533	4	25	38	22	8	2	0
UNIVERSITY OF IOWA	Iowa	2,848	693	2,155	1	3	13	30	34	19	1
NORTHWESTERN UNIVERSITY	Illinois	2,814	719	2,095	1	3	10	17	25	32	11
CHICAGO STATE UNIVERSITY	Illinois	2,669	915	1,754	8	36	36	15	5	1	0
NCAA ELIGIBILITY CENTER	Indiana	2,600	1,209	1,391	2	11	26	30	20	10	1
PURDUE UNIVERSITY	Indiana	2,448	512	1,936	0	2	9	22	31	30	6
ILLINOIS INSTITUTE OF ART THE	Illinois	2,382	662	1,720	4	21	36	26	10	3	0
ROBERT MORRIS COLLEGE-CHICAGO	Illinois	2,329	585	1,744	5	34	39	16	5	1	0
JOLIET JUNIOR COLLEGE	Illinois	2,187	1,053	1,134	3	21	39	26	9	2	0
UNIV OF WISCONSIN-MADISON	Wisconsin	2,180	392	1,788	0	3	9	19	33	32	5
COLLEGE OF DU PAGE	Illinois	2,169	1,157	1,012	3	21	35	27	10	3	0
HARPER COLLEGE	Illinois	2,071	953	1,118	3	16	34	28	14	5	0
MARQUETTE UNIVERSITY	Wisconsin	2,065	455	1,610	1	6	14	25	31	22	3
UNIVERSITY OF ILLINOIS-SPRINGFIELD	Illinois	2,015	350	1,665	2	12	30	32	18	6	0
ILLINOIS CENTRAL COLLEGE	Illinois	1,968	1,117	851	3	15	35	28	14	5	0
DEVRY UNIVERSITY-CHICAGO IL	Illinois	1,946	454	1,492	6	30	37	19	6	1	0
All Other Institutions		160,661	46,646	114,015	3	17	28	24	16	9	2
<b>Total</b>		<b>326,535</b>	<b>109,267</b>	<b>217,268</b>	<b>3</b>	<b>15</b>	<b>27</b>	<b>26</b>	<b>17</b>	<b>10</b>	<b>2</b>

# Section V Optional Writing Test Results

Total Students in Report: 145,520

**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>125,748</b>	<b>869,014</b>	<b>20.2</b>	<b>21.4</b>	<b>7.1</b>	<b>7.1</b>	<b>19.8</b>	<b>20.8</b>
African American/Black	18,110	107,638	15.9	16.4	6.3	6.4	15.9	16.4
American Indian/Alaska Native	408	6,232	19.2	18.9	6.8	6.6	18.9	18.4
Caucasian American/White	68,571	518,004	22.2	23.0	7.3	7.3	21.5	22.1
Hispanic	18,030	101,126	16.9	18.1	6.9	6.9	17.2	18.1
Asian American/Pacific Islander	4,843	49,922	23.7	23.6	7.7	7.7	23.0	22.9
Other/No Response	15,786	86,092	19.2	21.0	6.9	7.1	18.9	20.4
Males	61,090	384,152	19.8	21.1	6.8	6.9	19.2	20.3
Females	64,484	484,023	20.6	21.7	7.4	7.3	20.4	21.2
Missing	174	839	15.3	16.8	6.2	6.3	15.3	16.6





