

# ACT Profile Report - State

Graduating Class 2011  
Kansas



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This report provides information about the performance of your 2011 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 2011 and tested under standard time conditions.

This report focuses on:

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

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

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

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

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

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

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

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

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

**The ACT is a curriculum-based measure of college readiness. ACT components include:**

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

**The ACT:**

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at [www.act.org/standard/infoserv.html](http://www.act.org/standard/infoserv.html).

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

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

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

## How to Improve Scores and Increase College Readiness

28% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT:** 23,628 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY:** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 80% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 6% of the cohort took less than three years of math courses. Of these students, 7% were college ready. 16% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 17% of these students were college ready. In comparison, 62% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 12% of the cohort took less than three years of natural science courses. 14% of these students were college ready. In comparison, 37% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES:** Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 38% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

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

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

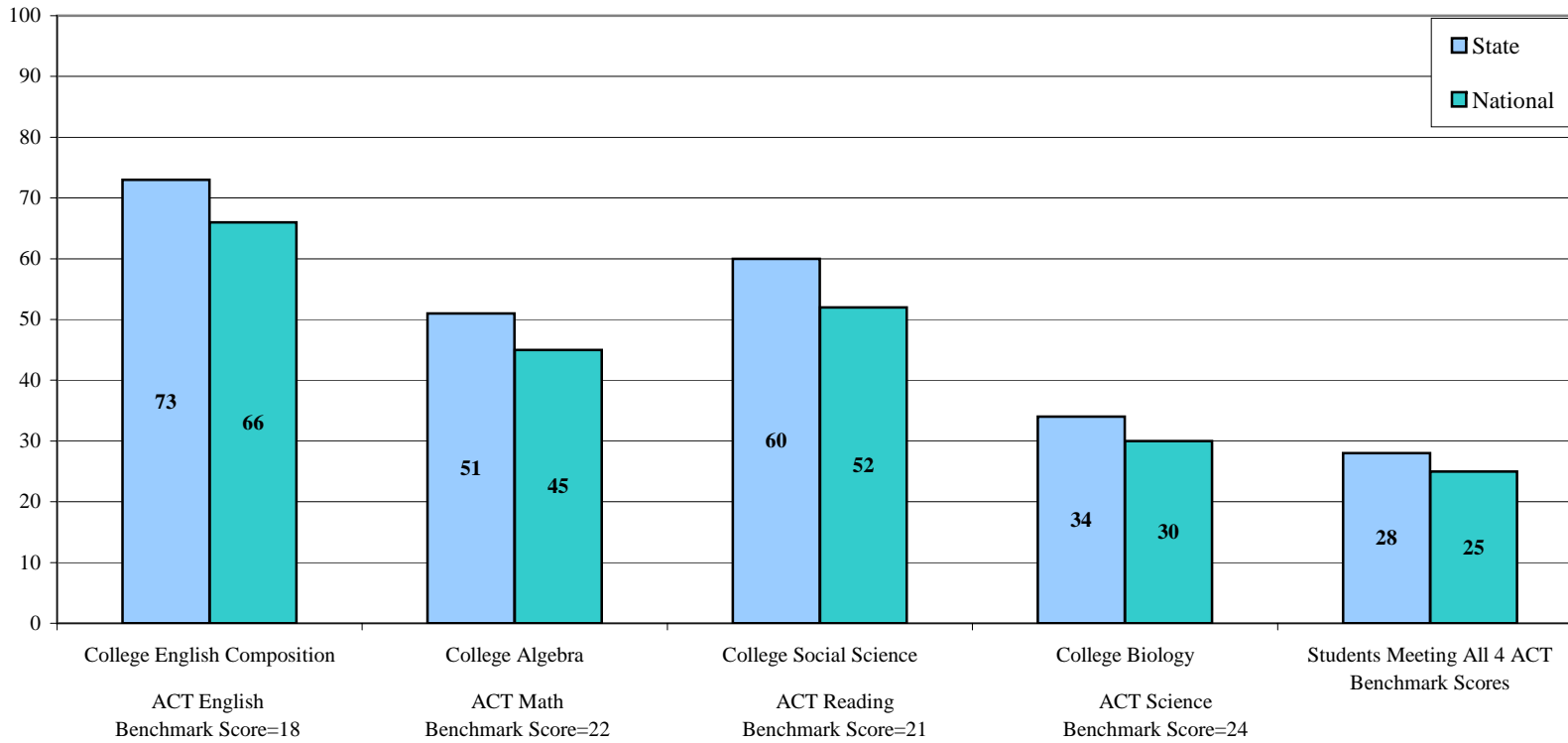
# Section I

## Executive Summary

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 23,628

**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: 23,628

**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
2007	23,196	1,300,599	75	69	48	43	59	53	32	28	26	23
2008	23,687	1,421,941	75	68	49	43	61	53	33	28	26	22
2009	23,147	1,480,469	74	67	48	42	60	53	33	28	26	23
2010	23,342	1,568,835	74	66	51	43	60	52	34	29	28	24
<b>2011</b>	<b>23,628</b>	<b>1,623,112</b>	<b>73</b>	<b>66</b>	<b>51</b>	<b>45</b>	<b>60</b>	<b>52</b>	<b>34</b>	<b>30</b>	<b>28</b>	<b>25</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
2007	23,196	1,300,599	21.4	20.7	21.6	21.0	22.4	21.5	21.7	21.0	21.9	21.2
2008	23,687	1,421,941	21.5	20.6	21.8	21.0	22.6	21.4	21.8	20.8	22.0	21.1
2009	23,147	1,480,469	21.4	20.6	21.7	21.0	22.4	21.4	21.8	20.9	21.9	21.1
2010	23,342	1,568,835	21.4	20.5	21.7	21.0	22.3	21.3	21.9	20.9	22.0	21.0
<b>2011</b>	<b>23,628</b>	<b>1,623,112</b>	<b>21.4</b>	<b>20.6</b>	<b>21.8</b>	<b>21.1</b>	<b>22.3</b>	<b>21.3</b>	<b>21.9</b>	<b>20.9</b>	<b>22.0</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
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
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
<b>2011</b>	<b>1,623,112</b>	<b>20.6</b>	<b>21.1</b>	<b>21.3</b>	<b>20.9</b>	<b>21.1</b>

Total Students in Report: 23,628

**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
2007	13,384	6,970	58	30	22.4	19.6	22.6	19.8	23.2	20.8	22.5	20.2	22.8	20.3
2008	16,413	5,987	69	25	22.3	19.3	22.5	19.8	23.3	20.8	22.4	20.1	22.8	20.1
2009	18,139	4,691	78	20	22.2	18.6	22.4	19.2	23.1	20.1	22.3	19.6	22.6	19.5
2010	18,587	4,477	80	19	22.2	18.4	22.4	19.1	23.0	19.8	22.5	19.6	22.6	19.3
<b>2011</b>	<b>18,912</b>	<b>4,471</b>	<b>80</b>	<b>19</b>	<b>22.1</b>	<b>18.5</b>	<b>22.4</b>	<b>19.2</b>	<b>22.9</b>	<b>20.0</b>	<b>22.4</b>	<b>19.6</b>	<b>22.6</b>	<b>19.5</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.

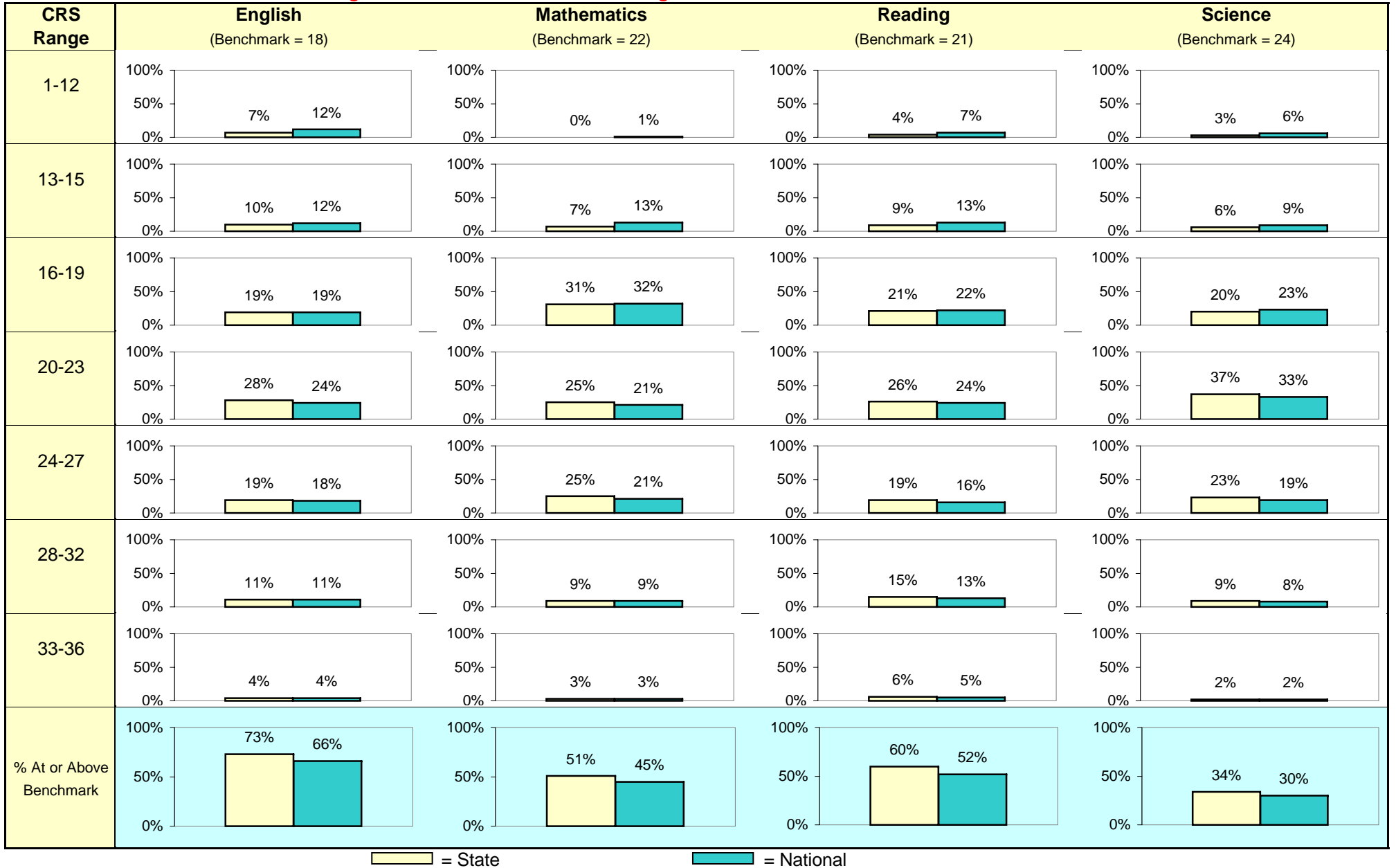
**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity<sup>1</sup>**

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>23,196</b>	<b>100</b>	<b>21.9</b>	<b>23,687</b>	<b>100</b>	<b>22.0</b>	<b>23,147</b>	<b>100</b>	<b>21.9</b>	<b>23,342</b>	<b>100</b>	<b>22.0</b>	<b>23,628</b>	<b>100</b>	<b>22.0</b>
Black/African American	1,122	5	17.7	1,124	5	17.9	1,272	5	17.8	1,280	5	17.7	1,314	6	17.7
American Indian/Alaska Native	244	1	20.4	258	1	20.2	296	1	20.0	263	1	20.3	218	1	20.2
White	17,403	75	22.3	18,590	78	22.5	18,085	78	22.5	18,299	78	22.6	17,900	76	22.6
Hispanic/Latino	1,108	5	19.3	1,258	5	19.4	1,406	6	19.4	1,527	7	19.2	2,076	9	19.4
Asian	531	2	22.2	576	2	22.6	601	3	22.3	628	3	22.6	669	3	22.5
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	17	0	18.7
Two or more races	435	2	21.4	489	2	21.3	609	3	20.9	636	3	20.8	777	3	21.2
Prefer not to respond/No response	2,353	10	22.1	1,392	6	22.6	878	4	21.9	709	3	21.4	657	3	22.0

<sup>1</sup>Refer to the section header on page 5 for a description of race/ethnicity changes.

Total Students in Report: 23,628

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





# Section II

## Academic Achievement

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 23,628

**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	95	100	69	100	173	100	73	100	13	100	36
35	320	100	121	100	220	99	98	100	60	100	35
34	281	98	236	99	433	98	84	99	137	100	34
33	361	97	201	98	504	97	198	99	204	99	33
32	408	96	282	97	542	94	166	98	309	98	32
31	480	94	263	96	685	92	244	97	392	97	31
30	469	92	385	95	767	89	387	96	582	95	30
29	597	90	500	93	674	86	498	95	651	93	29
28	737	87	774	91	883	83	875	93	861	90	28
27	878	84	1,120	88	958	79	851	89	1,062	86	27
26	899	80	1,390	83	981	75	1,182	85	1,157	82	26
25	1,126	77	1,557	77	1,157	71	1,473	80	1,429	77	25
24	1,704	72	1,878	71	1,494	66	2,001	74	1,697	71	24
23	1,249	65	1,888	63	1,275	60	2,391	66	1,795	64	23
22	1,770	59	1,482	55	1,721	55	1,801	55	1,930	56	22
21	1,987	52	1,048	49	1,639	47	2,400	48	2,062	48	21
20	1,596	43	1,430	44	1,506	40	2,166	38	1,679	39	20
19	1,322	37	1,410	38	1,393	34	1,476	29	1,679	32	19
18	1,054	31	1,766	32	1,400	28	1,572	22	1,466	25	18
17	1,053	27	1,877	25	1,255	22	912	16	1,299	19	17
16	1,147	22	2,187	17	993	17	691	12	1,102	13	16
15	1,130	17	1,216	7	767	13	669	9	812	9	15
14	825	13	354	2	885	9	425	6	598	5	14
13	442	9	147	1	451	6	362	4	381	3	13
12	465	7	29	1	450	4	257	3	184	1	12
11	453	5	9	1	246	2	173	2	70	1	11
10	318	3	6	1	91	1	140	1	10	1	10
9	242	2	0	1	36	1	46	1	2	1	9
8	139	1	3	1	28	1	11	1	5	1	8
7	53	1	0	1	9	1	2	1	0	1	7
6	19	1	0	1	3	1	3	1	0	1	6
5	6	1	0	1	6	1	0	1	0	1	5
4	1	1	0	1	1	1	0	1	0	1	4
3	1	1	0	1	1	1	1	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.4 (6.0)		21.8 (4.9)		22.3 (5.9)		21.9 (4.7)		22.0 (4.8)		Avg (SD)

<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: 23,628

**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/ Sciences		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	817	100	474	100	680	100	675	100	997	100	277	100	329	100	18
17	1,090	97	54	98	963	97	1,689	97	1,053	96	200	99	17	99	17
16	995	92	1,697	98	1,794	93	1,585	90	974	91	611	98	571	99	16
15	1,399	88	1,876	91	1,527	85	1,770	83	1,676	87	843	95	1,514	96	15
14	1,244	82	1,554	83	1,558	79	1,366	76	1,974	80	2,267	92	2,145	90	14
13	1,539	77	2,100	76	1,979	72	2,093	70	2,607	72	3,221	82	2,203	81	13
12	1,755	70	2,953	67	3,172	64	2,083	61	1,880	61	2,382	69	2,958	71	12
11	2,582	63	3,041	55	2,145	51	2,669	52	3,193	53	3,833	59	3,037	59	11
10	3,211	52	2,568	42	2,406	42	2,015	41	2,018	39	3,186	42	3,534	46	10
9	2,138	38	2,655	31	2,608	31	2,085	33	1,916	31	3,369	29	2,875	31	9
8	1,859	29	1,597	20	1,776	20	1,619	24	2,368	23	1,636	15	1,967	19	8
7	1,642	21	1,187	13	1,581	13	1,295	17	2,015	13	840	8	1,086	10	7
6	1,422	14	656	8	697	6	1,332	11	665	4	344	4	675	6	6
5	901	8	534	5	426	3	846	6	163	1	356	3	241	3	5
4	534	4	463	3	194	1	313	2	86	1	90	1	297	2	4
3	373	2	187	1	85	1	132	1	30	1	103	1	50	1	3
2	119	1	29	1	25	1	60	1	11	1	18	1	108	1	2
1	8	1	3	1	12	1	1	1	2	1	52	1	21	1	1
Avg (SD)	10.6 (3.7)		11.1 (3.2)		11.4 (3.3)		11.4 (3.7)		11.5 (3.3)		11.0 (2.7)		10.9 (2.8)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	25	26	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	17	18	18	19	18

Total Students in Report: 23,628

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity<sup>1</sup> by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>2</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>23,628</b>	<b>80</b>	<b>22.6</b>	<b>19.5</b>
	Black/African American	1,314	72	18.3	16.1
	American Indian/Alaska Native	218	78	20.8	18.1
	White	17,900	81	23.2	20.2
	Hispanic/Latino	2,076	75	20.1	17.3
	Asian	669	85	22.9	20.7
	Native Hawaiian/Other Pac. Isl.	17	82	18.8	18.3
	Two or more races	777	77	21.8	19.1
	Prefer not/No Response	657	75	22.8	19.8
National	<b>All Students</b>	<b>1,623,112</b>	<b>74</b>	<b>21.9</b>	<b>19.0</b>
	Black/African American	223,383	69	17.5	15.9
	American Indian/Alaska Native	14,970	63	19.7	17.1
	White	981,585	76	23.1	20.3
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	66,650	81	24.1	21.9
	Native Hawaiian/Other Pac. Isl.	2,244	78	20.0	17.8
	Two or more races	46,378	72	21.8	19.3
	Prefer not/No Response	87,241	65	22.1	18.7

<sup>1</sup>Refer to the section header on page 11 for a description of race/ethnicity changes.

<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.

**Table 2.5. Average ACT Scores by Race/Ethnicity<sup>1</sup>**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	21.4	21.8	22.3	21.9	22.0
	Black/African American	16.4	18.0	17.8	18.1	17.7
	American Indian/Alaska Native	19.5	20.0	20.8	20.1	20.2
	White	22.2	22.3	23.0	22.4	22.6
	Hispanic/Latino	18.2	19.6	19.6	19.5	19.4
	Asian	21.5	23.7	21.9	22.4	22.5
	Native Hawaiian/Other Pac. Isl.	17.8	18.8	18.5	19.5	18.7
	Two or more races	20.4	20.8	21.8	21.1	21.2
	Prefer not/No Response	21.7	21.7	22.6	21.7	22.0
National	<b>All Students</b>	20.6	21.1	21.3	20.9	21.1
	Black/African American	15.9	17.2	17.0	17.1	17.0
	American Indian/Alaska Native	17.5	18.6	19.1	18.9	18.6
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	22.8	25.1	22.9	23.1	23.6
	Native Hawaiian/Other Pac. Isl.	18.6	19.9	19.4	19.5	19.5
	Two or more races	20.7	20.7	21.6	20.9	21.1
	Prefer not/No Response	20.2	20.9	21.0	20.4	20.7

<sup>1</sup>Refer to the section header on page 11 for a description of race/ethnicity changes.



Total Students in Report: 23,628

**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	1,057	4	627	3	1,330	6	453	2
	28 to 32	2,691	11	2,204	9	3,551	15	2,170	9
	24 to 27	4,607	19	5,945	25	4,590	19	5,507	23
	20 to 23	6,602	28	5,848	25	6,141	26	8,758	37
	16 to 19	4,576	19	7,240	31	5,041	21	4,651	20
	13 to 15	2,397	10	1,717	7	2,103	9	1,456	6
	01 to 12	1,698	7	47	0	872	4	633	3
National	33 to 36	68,159	4	49,703	3	81,236	5	32,031	2
	28 to 32	174,801	11	144,331	9	211,084	13	130,969	8
	24 to 27	286,161	18	344,894	21	265,974	16	316,182	19
	20 to 23	394,076	24	332,913	21	382,505	24	530,056	33
	16 to 19	309,855	19	525,628	32	360,259	22	366,855	23
	13 to 15	201,235	12	217,338	13	214,265	13	153,754	9
	01 to 12	188,825	12	8,305	1	107,789	7	93,265	6

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	10,993	47	21.1	22.5	22.3	22.5	22.2
	Females	12,625	53	21.7	21.2	22.4	21.3	21.8
	Missing	10	0	17.7	18.4	19.8	19.2	18.7
National	Males	739,070	46	20.2	21.6	21.1	21.4	21.2
	Females	879,957	54	20.9	20.6	21.4	20.5	21.0
	Missing	4,085	0	16.4	17.8	17.7	17.8	17.6

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	71	57	59	41	33
	Females	75	47	60	29	24
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 23,628

**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>	18,912	78	22.1	57	22.4	64	22.9	39	22.4	32	22.6
	Less than Core	4,471	54	18.5	28	19.2	43	20.0	18	19.6	13	19.5
	Missing <sup>3</sup>	245	47	17.6	29	19.0	38	19.1	15	19.0	10	18.8
National	Core or More	1,202,164	72	21.5	51	21.8	57	22.0	34	21.6	29	21.9
	Less than Core	366,518	51	18.3	27	19.0	38	19.3	17	19.0	13	19.0
	Missing	54,430	38	16.3	21	18.0	27	17.7	12	17.7	9	17.5

<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>	22,844	74	21.5	22,108	54	22.1	22,271	60	22.4	20,616	37	22.3
	Less than Core	596	61	19.0	1,300	7	16.8	1,156	51	21.0	2,803	14	19.1
	Missing <sup>3</sup>	188	51	18.1	220	30	19.2	201	41	19.3	209	17	19.3
National	Core or More	1,510,179	68	20.9	1,494,425	47	21.4	1,424,252	54	21.6	1,367,777	33	21.4
	Less than Core	66,225	40	16.6	79,145	8	16.4	149,746	40	19.7	205,148	12	18.3
	Missing	46,708	39	16.5	49,542	21	18.1	49,114	28	17.9	50,187	13	17.8

<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.

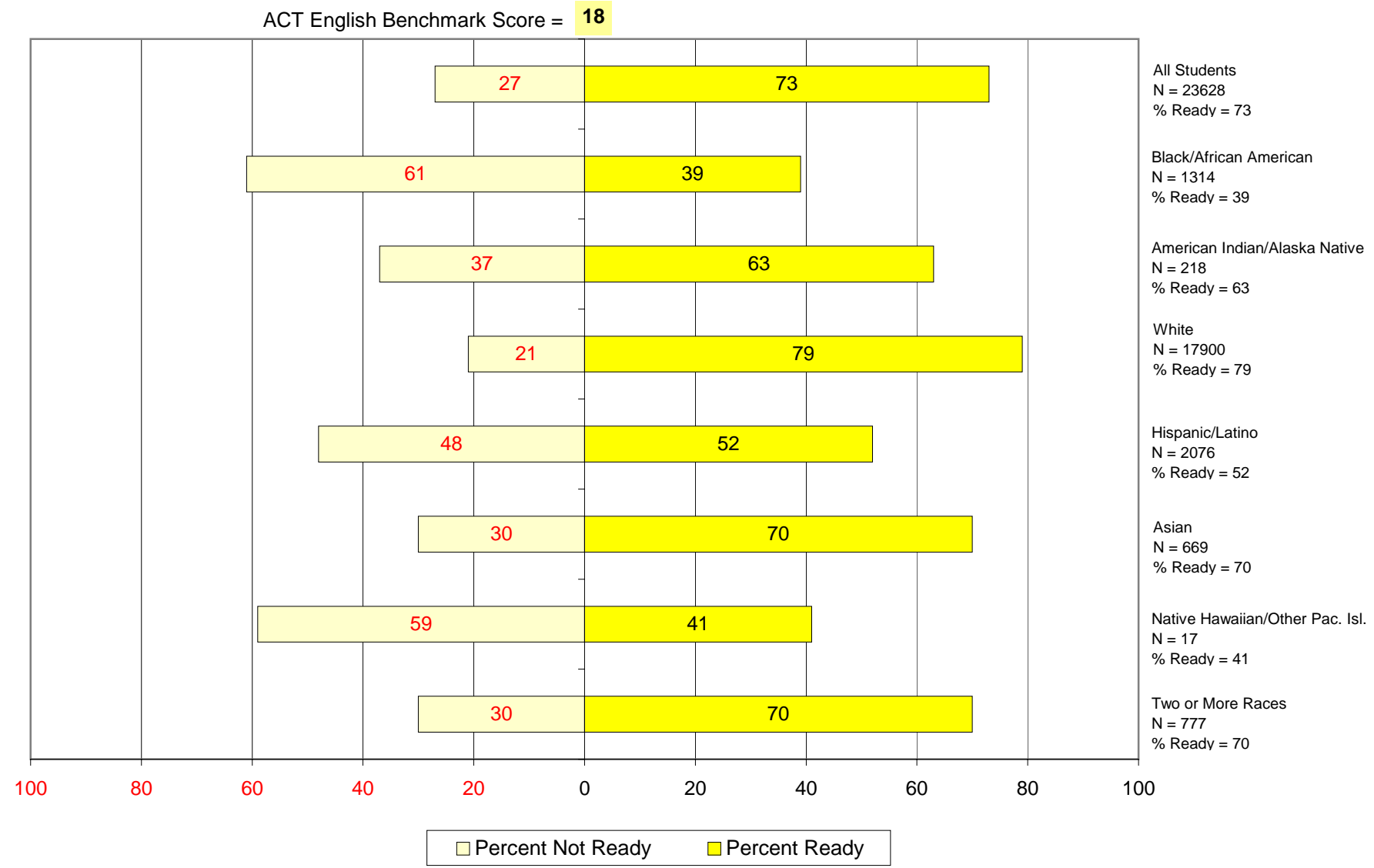
# Section III

## College Readiness and the Impact of Course Rigor

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 23,628

**Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ENGLISH**

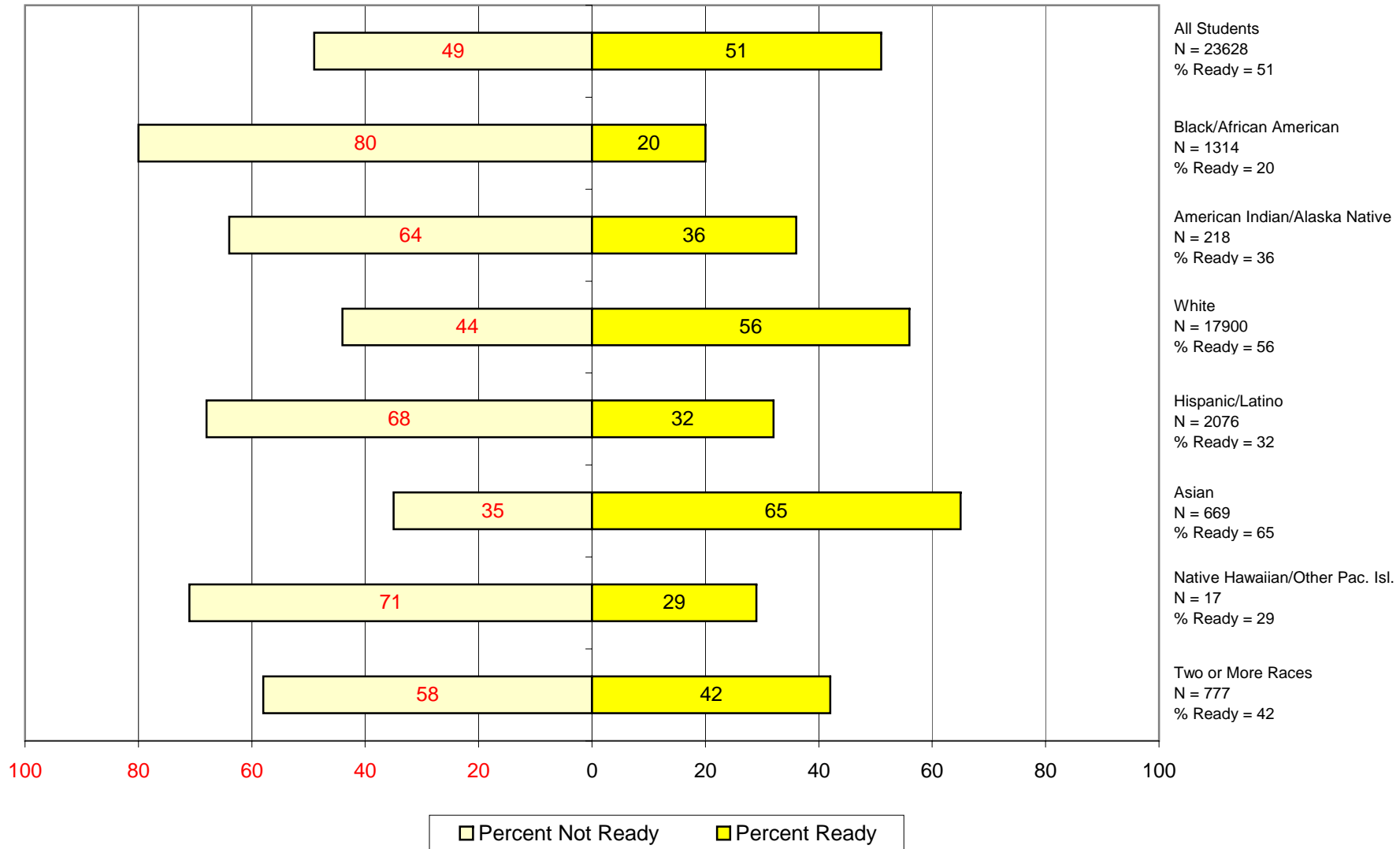


<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 23,628

**Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: MATHEMATICS**

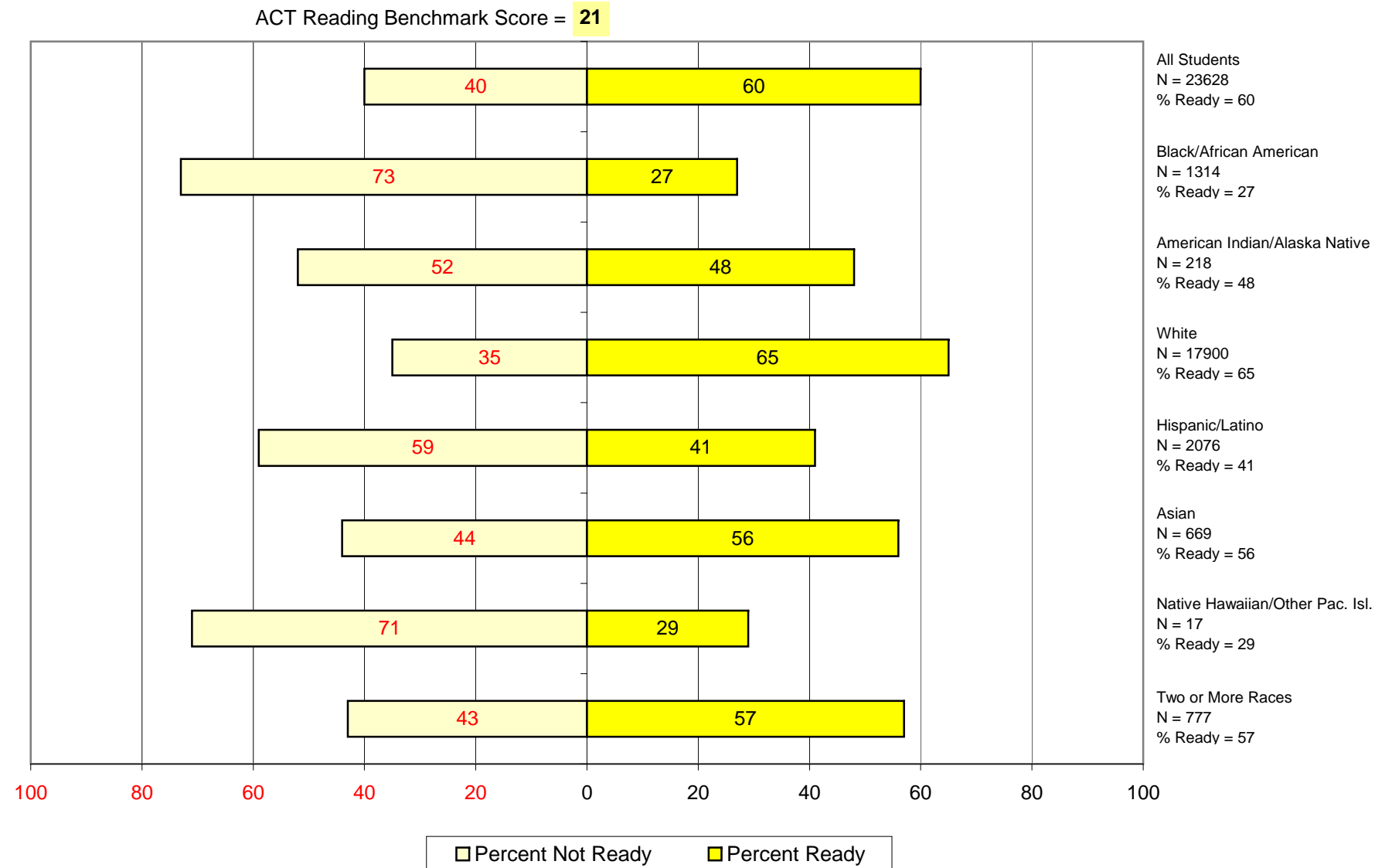
ACT Mathematics Benchmark Score = **22**



<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 23,628

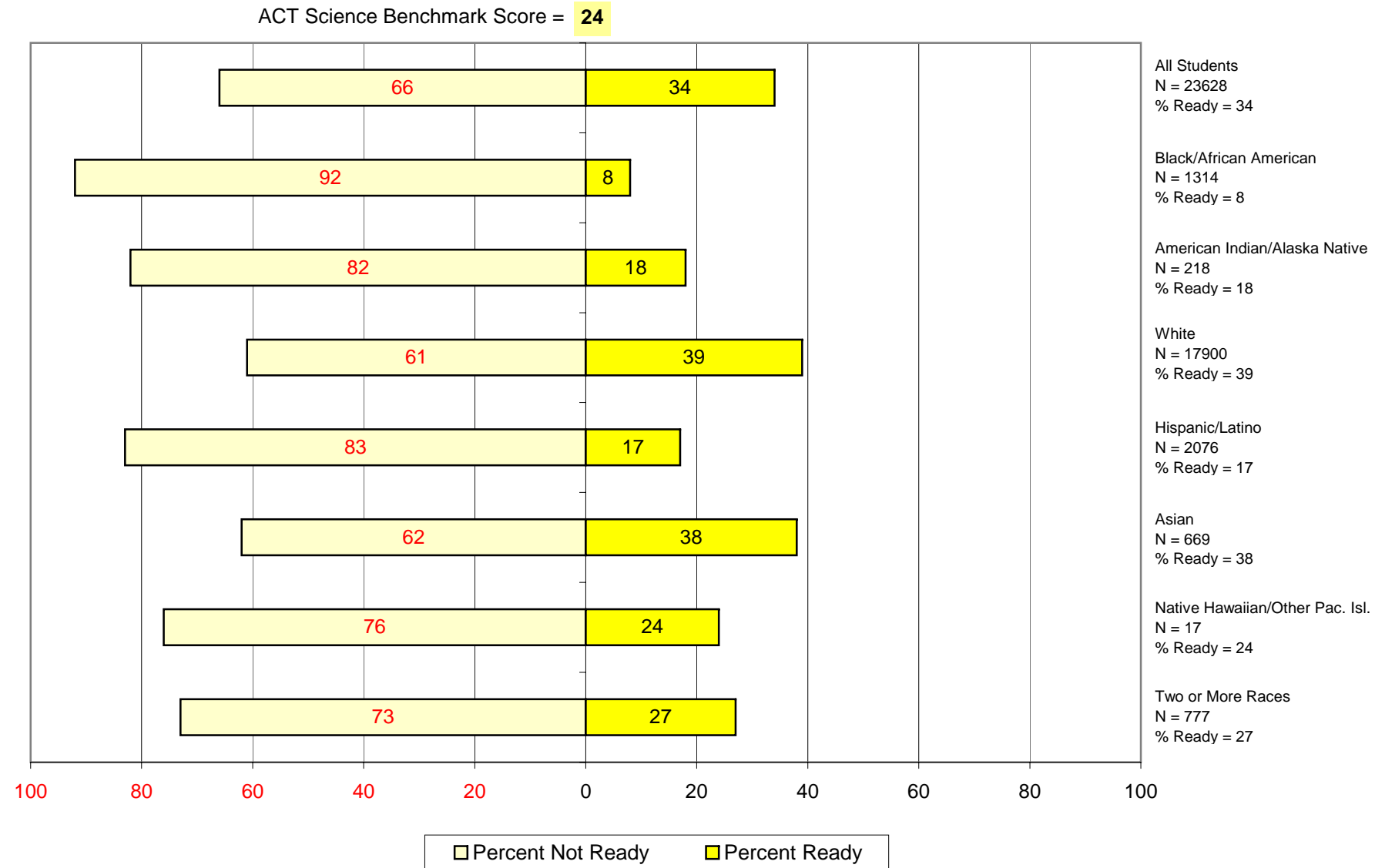
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: READING**



<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 23,628

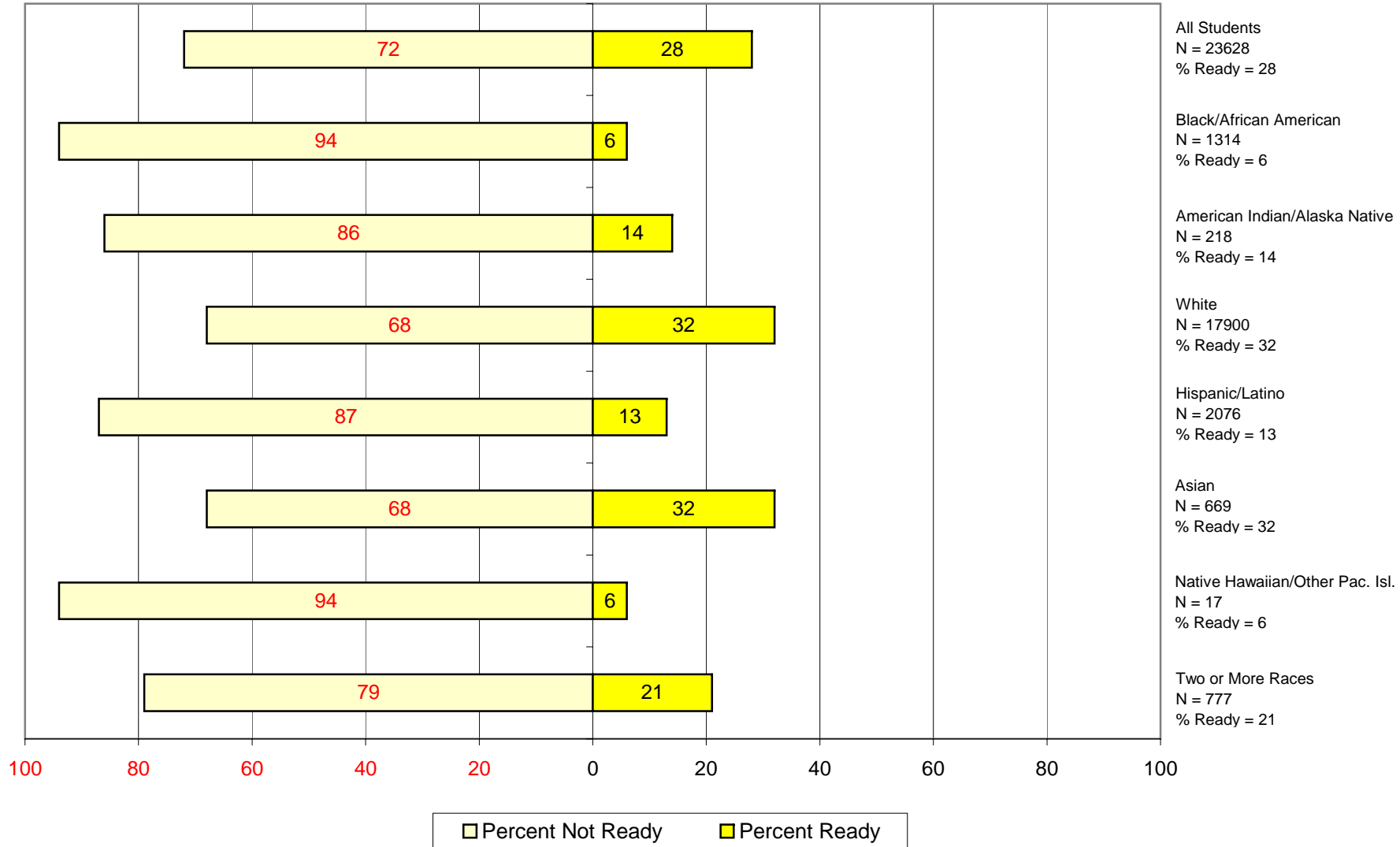
**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: SCIENCE**



<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 23,628

**Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ALL FOUR**



<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.



Total Students in Report: 23,628

**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	6,724	28	21.9	2.9	2,890	26	21.6	2.6	3,832	30	22.1	3.1
Eng 9, Eng 10, Eng 11, Eng 12	16,120	68	21.3	2.3	7,716	70	21.0	2.0	8,397	67	21.7	2.7
Less than 4 years of English	596	3	19.0	-	273	2	19.0	-	322	3	19.0	-
Zero years / no English courses reported	188	1	18.1	-	114	1	18.5	-	74	1	17.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,262	5	25.2	8.4	625	6	25.8	8.7	637	5	24.5	7.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,361	10	22.7	5.9	877	8	23.2	6.1	1,484	12	22.4	5.8
Alg 1, Alg 2, Geom, & Trig	1,220	5	21.0	4.2	580	5	21.9	4.8	640	5	20.2	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	3,850	16	20.8	4.0	1,527	14	21.4	4.3	2,320	18	20.4	3.8
Other comb of 4 or more years of Math	8,579	36	24.1	7.3	4,332	39	24.9	7.8	4,246	34	23.3	6.7
Alg 1, Alg 2, & Geom	3,725	16	18.3	1.5	1,715	16	18.8	1.7	2,008	16	17.9	1.3
Other comb of 3 or 3.5 years of Math	1,111	5	19.9	3.1	578	5	20.1	3.0	533	4	19.7	3.1
Less than 3 years of Math	1,300	6	16.8	-	631	6	17.1	-	665	5	16.6	-
Zero years / no Math courses reported	220	1	19.2	-	128	1	19.6	-	92	1	18.5	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,113	5	23.1	2.1	612	6	23.1	1.9	501	4	23.1	2.2
Other comb of 4 or more years Social Science	10,802	46	22.7	1.7	4,982	45	22.7	1.5	5,817	46	22.7	1.8
US Hist, World Hist, & Am Gov	3,108	13	21.0	0.0	1,513	14	20.9	-0.3	1,591	13	21.2	0.3
Other comb of 3 or 3.5 years of Social Science	7,248	31	22.5	1.5	3,219	29	22.4	1.2	4,027	32	22.6	1.7
Less than 3 years of Social Science	1,156	5	21.0	-	545	5	21.2	-	610	5	20.9	-
Zero years / no Social Science courses reported	201	1	19.3	-	122	1	19.6	-	79	1	18.9	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	10,422	44	23.1	4.0	5,134	47	23.8	4.5	5,284	42	22.4	3.5
Bio, Chem, Phys	2,177	9	24.4	5.3	1,035	9	25.2	5.9	1,142	9	23.7	4.8
Gen Sci <sup>2</sup> , Bio, Chem	7,413	31	20.6	1.5	3,049	28	21.0	1.7	4,359	35	20.3	1.4
Other comb of 3 years of Natural Science	604	3	20.4	1.3	351	3	20.7	1.4	253	2	19.9	1.0
Less than 3 years of Natural Science	2,803	12	19.1	-	1,300	12	19.3	-	1,502	12	18.9	-
Zero years / no Natural Science courses reported	209	1	19.3	-	124	1	19.9	-	85	1	18.4	-

<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 of English or less than three years of Mathematics, Social Science or Natural Science.

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

Total Students in Report: 23,628

**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	6,724	28	21.9	77	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	16,120	68	21.3	73	1,143,409	70	20.6	66
Less than 4 years of English	596	3	19.0	61	66,225	4	16.6	40
Zero years / no English courses reported	188	1	18.1	51	46,708	3	16.5	39
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,262	5	25.2	78	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,361	10	22.7	65	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	1,220	5	21.0	47	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	3,850	16	20.8	45	271,304	17	19.9	36
Other comb of 4 or more years of Math	8,579	36	24.1	72	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	3,725	16	18.3	17	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	1,111	5	19.9	35	78,953	5	19.9	35
Less than 3 years of Math	1,300	6	16.8	7	79,145	5	16.4	8
Zero years / no Math courses reported	220	1	19.2	30	49,542	3	18.1	21
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,113	5	23.1	64	47,284	3	22.5	59
Other comb of 4 or more years Social Science	10,802	46	22.7	62	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	3,108	13	21.0	51	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	7,248	31	22.5	61	445,631	27	21.1	51
Less than 3 years of Social Science	1,156	5	21.0	51	149,746	9	19.7	40
Zero years / no Social Science courses reported	201	1	19.3	41	49,114	3	17.9	28
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	10,422	44	23.1	45	686,167	42	22.1	39
Bio, Chem, Phys	2,177	9	24.4	58	160,020	10	23.1	46
Gen Sci <sup>1</sup> , Bio, Chem	7,413	31	20.6	21	476,294	29	20.1	21
Other comb of 3 years of Natural Science	604	3	20.4	23	45,296	3	19.6	20
Less than 3 years of Natural Science	2,803	12	19.1	14	205,148	13	18.3	12
Zero years / no Natural Science courses reported	209	1	19.3	17	50,187	3	17.8	13

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

# Section IV

## Career and Educational Aspirations

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

Total Students in Report: 23,628

**Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans**

Planned Educational Major <sup>1</sup>	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>2</sup>	Percent <sup>3</sup>	Avg ACT Comp	N	Percent <sup>3</sup>	Avg ACT Comp	N	Percent <sup>3</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	618	3	20.6	100	7	18.0	492	2	21.1
Architecture	292	1	22.5	7	1	15.7	273	1	22.7
Area, Ethnic, & Multidisciplinary Studies	42	0	24.5	0	0	.	40	0	24.8
Arts: Visual & Performing	1,693	7	21.8	117	8	18.8	1,464	7	22.1
Business	2,173	9	21.4	110	8	18.1	1,974	9	21.7
Communications	489	2	22.4	18	1	17.6	460	2	22.6
Community, Family, & Personal Services	671	3	19.4	93	7	16.7	534	3	20.0
Computer Science & Mathematics	592	3	23.2	34	2	18.9	540	3	23.5
Education	1,823	8	21.5	49	4	18.5	1,692	8	21.6
Engineering	1,142	5	24.4	41	3	17.0	1,073	5	24.7
Engineering Technology & Drafting	675	3	23.3	42	3	18.5	606	3	23.7
English & Foreign Languages	266	1	24.5	3	0	22.3	254	1	24.5
Health Administration & Assisting	441	2	18.9	41	3	17.4	368	2	19.3
Health Sciences & Technologies	4,679	20	21.9	224	16	17.8	4,295	21	22.2
Philosophy, Religion, & Theology	146	1	23.5	2	0	18.5	135	1	23.5
Repair, Production, & Construction	390	2	18.9	174	13	18.2	198	1	19.7
Sciences: Biological & Physical	1,292	5	23.9	29	2	18.6	1,228	6	24.1
Social Sciences & Law	1,447	6	22.3	26	2	17.2	1,369	7	22.5
Undecided	4,422	19	22.0	256	19	17.9	3,752	18	22.3
No Response	335	1	18.9	11	1	15.5	85	0	19.4

<sup>1</sup>Refer to the section header on page 25 for a description of educational major changes.

<sup>2</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>3</sup>Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 23,628

**Table 4.2. Average ACT Composite Scores for Racial/Ethnic<sup>1</sup> Groups by Post-Secondary Educational Aspirations**

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	332	18.3	17	14.4	1	22.0	266	18.8	20	15.5
2-yr College Degree	1,045	17.8	65	14.8	15	16.7	745	18.4	138	16.3
Bachelors Degree	12,136	21.1	606	17.1	110	19.5	9,518	21.7	1,040	18.8
Graduate Study	3,485	24.2	151	18.9	25	22.8	2,807	24.8	215	21.6
Prof. Level Degree	5,211	23.9	364	19.4	49	21.9	3,629	24.7	500	21.4
Other	457	19.3	51	16.0	8	21.4	294	20.3	50	16.2
No Response	962	20.9	60	16.3	10	17.1	641	21.9	113	17.1

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	332	18.3	7	17.4	0	.	9	17.8	12	18.5
2-yr College Degree	1,045	17.8	15	17.9	0	.	40	17.2	27	17.7
Bachelors Degree	12,136	21.1	224	20.3	10	18.5	374	20.4	254	20.8
Graduate Study	3,485	24.2	86	23.2	3	20.7	96	22.8	102	23.8
Prof. Level Degree	5,211	23.9	275	24.7	3	18.0	212	23.1	179	24.0
Other	457	19.3	19	19.9	0	.	16	19.3	19	20.7
No Response	962	20.9	43	22.1	1	17.0	30	19.3	64	21.5

<sup>1</sup>Refer to the section header on page 25 for a description of race/ethnicity changes.

Total Students in Report: 23,628

**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
KANSAS STATE UNIVERSITY	Kansas	6,677	2,796	3,881	1	4	18	33	29	15	2
UNIVERSITY OF KANSAS	Kansas	6,503	2,649	3,854	0	4	16	32	29	16	2
WICHITA STATE UNIVERSITY	Kansas	3,385	1,092	2,293	1	6	21	34	26	10	1
EMPORIA STATE UNIVERSITY	Kansas	2,022	542	1,480	1	6	25	36	24	8	0
PITTSBURG STATE UNIVERSITY	Kansas	1,887	580	1,307	1	5	25	38	22	8	0
FORT HAYS STATE UNIVERSITY	Kansas	1,726	565	1,161	1	6	24	37	23	9	0
WASHBURN UNIVERSITY	Kansas	1,553	479	1,074	0	6	22	36	26	9	1
BUTLER COMMUNITY COLLEGE	Kansas	1,403	535	868	2	13	32	35	16	3	0
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	1,376	465	911	2	8	26	38	20	6	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	944	320	624	1	11	34	34	15	5	0
NCAA ELIGIBILITY CENTER	Indiana	634	301	333	1	6	19	38	23	12	1
FRIENDS UNIVERSITY	Kansas	604	128	476	0	6	24	34	26	10	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	567	133	434	2	6	19	32	26	13	2
BAKER UNIVERSITY	Kansas	547	125	422	1	6	16	37	28	11	1
COWLEY COUNTY COMMUNITY COLL	Kansas	504	166	338	2	13	33	35	15	3	0
NEWMAN UNIVERSITY	Kansas	481	93	388	1	7	21	35	23	11	1
OKLAHOMA STATE UNIVERSITY	Oklahoma	474	97	377	0	4	14	28	32	19	3
UNIV OF MISSOURI-COLUMBIA	Missouri	446	91	355	1	4	14	26	33	21	2
UNIVERSITY OF ARKANSAS	Arkansas	364	102	262	1	1	6	30	37	24	2
BARTON COUNTY COMMUNITY COLLEGE	Kansas	344	137	207	1	14	35	32	16	2	0
UNIVERSITY OF OKLAHOMA	Oklahoma	338	74	264	0	3	15	27	35	18	3
BENEDICTINE COLLEGE	Kansas	332	93	239	0	2	15	28	36	18	1
KANSAS CITY KANSAS COMM COLL	Kansas	325	109	216	9	19	34	29	8	1	0
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	320	75	245	0	5	13	30	33	17	3
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	310	114	196	1	13	35	33	14	5	0
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	309	113	196	0	12	30	35	18	4	0
HIGHLAND COMMUNITY COLLEGE	Kansas	270	64	206	0	12	35	32	15	5	0
SOUTHWESTERN COLLEGE	Kansas	249	69	180	2	5	27	36	24	6	1
MCPHERSON COLLEGE	Kansas	248	59	189	0	9	29	33	22	5	1
COLBY COMMUNITY COLLEGE	Kansas	241	99	142	1	17	37	31	11	2	0
All Other Institutions		15,943	4,098	11,845	1	6	19	27	25	19	3
Total		51,326	16,363	34,963	1	6	21	32	25	14	2

# Section V

## Optional Writing Test Results

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 23,628

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity<sup>1</sup> and Gender for students who took ACT Writing**

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>4,041</b>	<b>905,035</b>	<b>24.5</b>	<b>21.5</b>	<b>7.3</b>	<b>7.1</b>	<b>23.1</b>	<b>20.8</b>
Black/African American	196	112,251	19.4	16.7	6.5	6.3	18.7	16.5
American Indian/Alaska Native	35	5,519	20.4	18.4	6.3	6.5	19.3	18.0
White	2,959	522,234	25.1	23.2	7.3	7.3	23.6	22.2
Hispanic/Latino	279	128,599	22.1	18.4	7.0	6.8	21.1	18.2
Asian	217	51,829	25.3	23.8	7.6	7.6	24.0	22.9
Native Hawaiian/Other Pac. Isl.	8	1,332	19.0	19.7	7.6	7.2	19.6	19.5
Two or more races	186	27,722	22.7	21.6	7.2	7.0	21.7	20.8
Prefer not/No Response	161	55,549	25.2	21.3	7.4	7.0	23.7	20.5
Males	1,743	399,206	24.4	21.3	7.0	6.8	22.8	20.3
Females	2,293	503,699	24.6	21.8	7.4	7.3	23.3	21.1
Missing	5	2,130	18.2	17.6	7.0	6.2	18.4	17.1

<sup>1</sup>Refer to the section header on page 29 for a description of race/ethnicity changes.





