

ACT Profile Report - State

Graduating Class 2012
Kansas



ACT, INC. -- CONFIDENTIAL



Table of Contents

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

This report provides information about the performance of your 2012 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 2012 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.

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

How to Improve Scores and Increase College Readiness

29% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 23,907 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. 81% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 5% of the cohort took less than three years of math courses. Of these students, 7% were college ready. 15% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 16% 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. 15% of these students were college ready. In comparison, 38% 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.

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.

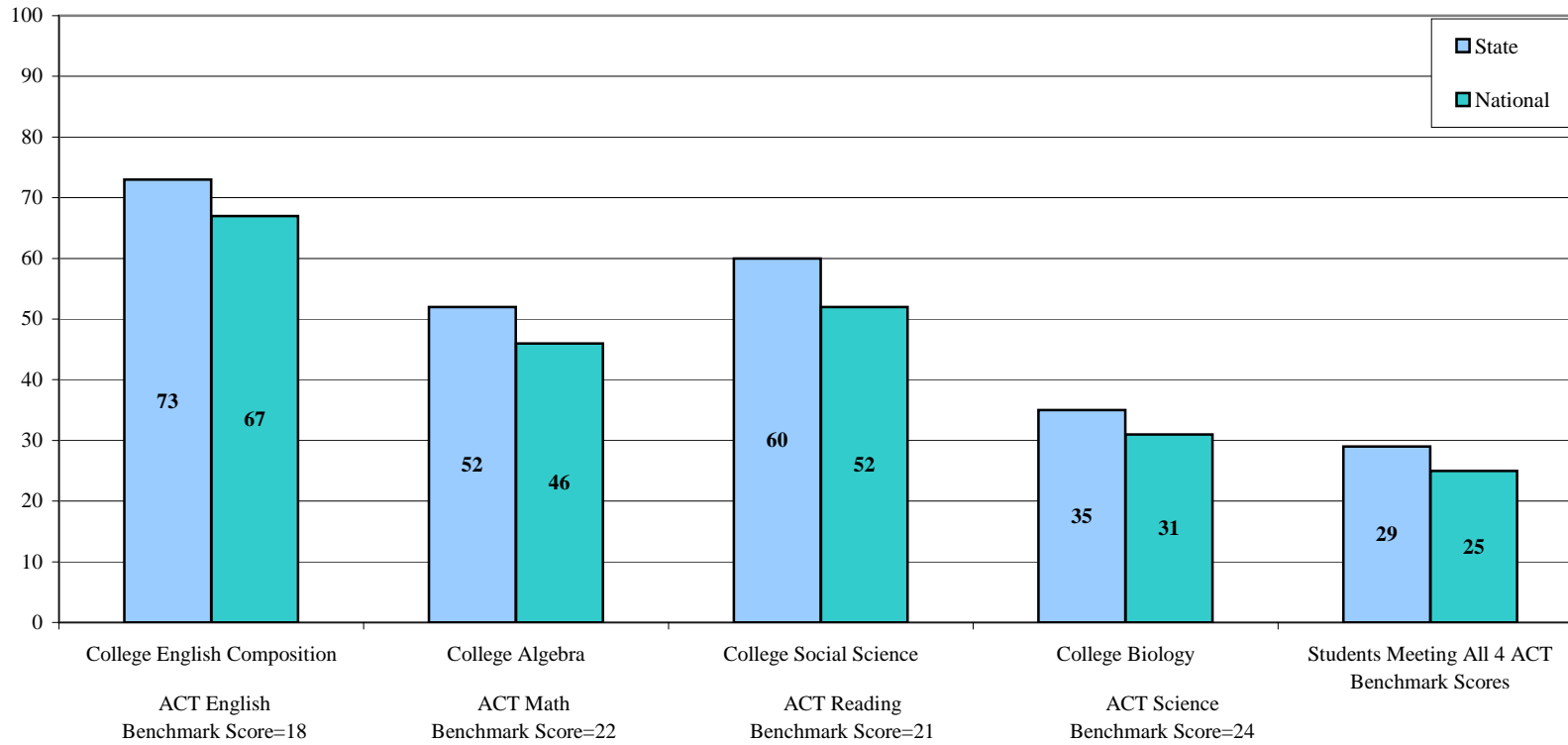
Section I

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: 23,907

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: 23,907

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
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
2011	23,628	1,623,112	73	66	51	45	60	52	34	30	28	25
2012	23,907	1,666,017	73	67	52	46	60	52	35	31	29	25

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
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
2011	23,628	1,623,112	21.4	20.6	21.8	21.1	22.3	21.3	21.9	20.9	22.0	21.1
2012	23,907	1,666,017	21.3	20.5	21.8	21.1	22.3	21.3	21.7	20.9	21.9	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1

Total Students in Report: 23,907

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	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
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
2011	18,912	4,471	80	19	22.1	18.5	22.4	19.2	22.9	20.0	22.4	19.6	22.6	19.5
2012	19,366	4,368	81	18	22.0	18.4	22.4	19.2	22.9	19.9	22.3	19.5	22.5	19.4

¹"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.

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

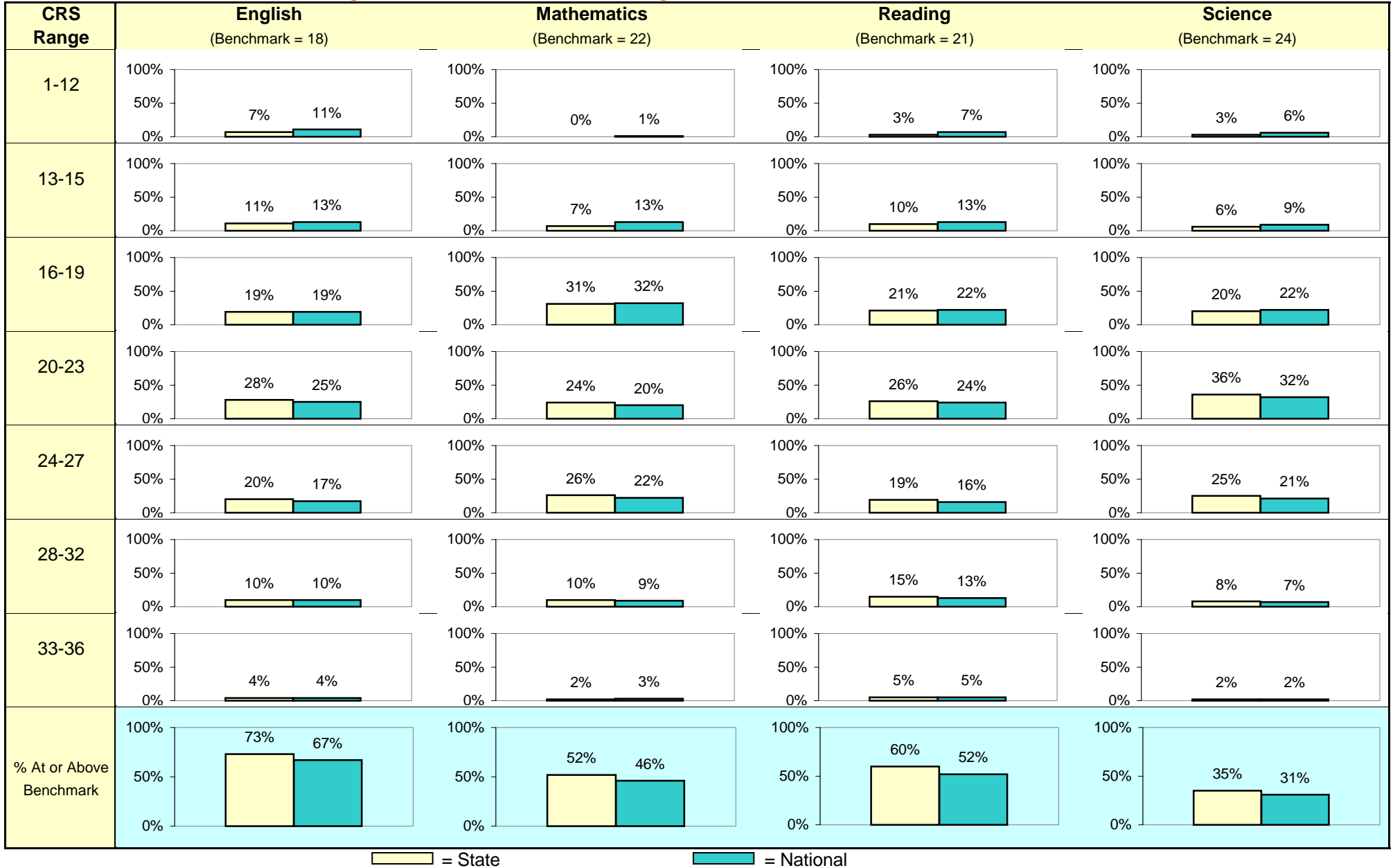
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	23,687	100	22.0	23,147	100	21.9	23,342	100	22.0	23,628	100	22.0	23,907	100	21.9
Black/African American	1,124	5	17.9	1,272	5	17.8	1,280	5	17.7	1,314	6	17.7	1,278	5	17.6
American Indian/Alaska Native	258	1	20.2	296	1	20.0	263	1	20.3	218	1	20.2	159	1	20.3
White	18,590	78	22.5	18,085	78	22.5	18,299	78	22.6	17,900	76	22.6	17,635	74	22.6
Hispanic/Latino	1,258	5	19.4	1,406	6	19.4	1,527	7	19.2	2,076	9	19.4	2,367	10	19.5
Asian	576	2	22.6	601	3	22.3	628	3	22.6	669	3	22.5	671	3	22.0
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	17	0	18.7	19	0	20.5
Two or more races	489	2	21.3	609	3	20.9	636	3	20.8	777	3	21.2	1,110	5	21.0
Prefer not to respond/No response	1,392	6	22.6	878	4	21.9	709	3	21.4	657	3	22.0	668	3	22.7

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

Total Students in Report: 23,907

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



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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: 23,907

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	77	100	58	100	177	100	92	100	15	100	36
35	288	100	132	100	244	99	114	100	56	100	35
34	360	98	166	99	358	98	97	99	133	100	34
33	345	97	227	99	530	97	134	99	199	99	33
32	427	96	258	98	568	95	218	98	310	98	32
31	380	94	226	96	774	92	299	97	415	97	31
30	589	92	355	96	736	89	395	96	551	95	30
29	532	90	578	94	766	86	369	94	652	93	29
28	568	87	855	92	817	83	614	93	882	90	28
27	960	85	1,136	88	926	79	1,049	90	1,015	87	27
26	955	81	1,516	83	874	75	965	86	1,217	82	26
25	1,124	77	1,646	77	1,023	72	1,611	82	1,437	77	25
24	1,680	72	2,013	70	1,649	67	2,374	75	1,717	71	24
23	1,391	65	1,829	62	1,431	61	1,972	65	1,752	64	23
22	1,490	60	1,477	54	1,502	55	2,035	57	2,002	57	22
21	2,054	53	903	48	1,932	48	2,298	48	2,034	48	21
20	1,768	45	1,436	44	1,421	40	2,324	39	1,754	40	20
19	1,400	37	1,416	38	1,272	34	1,412	29	1,578	32	19
18	1,071	31	1,765	32	1,713	29	1,607	23	1,571	26	18
17	962	27	1,901	25	1,099	22	1,003	16	1,374	19	17
16	1,205	23	2,245	17	977	17	741	12	1,077	14	16
15	1,183	18	1,239	7	976	13	618	9	866	9	15
14	881	13	343	2	719	9	496	7	618	5	14
13	531	9	145	1	593	6	411	4	421	3	13
12	464	7	31	1	477	3	247	3	176	1	12
11	410	5	11	1	200	1	192	2	67	1	11
10	384	3	0	1	96	1	134	1	14	1	10
9	193	2	0	1	27	1	64	1	2	1	9
8	153	1	0	1	13	1	15	1	2	1	8
7	63	1	0	1	5	1	4	1	0	1	7
6	13	1	0	1	7	1	2	1	0	1	6
5	4	1	0	1	3	1	1	1	0	1	5
4	1	1	0	1	2	1	0	1	0	1	4
3	1	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.3 (6.0)		21.8 (4.8)		22.3 (5.9)		21.7 (4.7)		21.9 (4.8)		Avg (SD)

¹CP 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: 23,907

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), 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	862	100	321	100	624	100	795	100	1,133	100	196	100	254	100	18
17	1,083	96	367	99	1,252	97	1,173	97	1,195	95	115	99	33	99	17
16	1,152	92	1,518	97	1,657	92	1,591	92	660	90	663	99	721	99	16
15	974	87	1,439	91	1,374	85	1,583	85	1,569	88	990	96	1,379	96	15
14	1,606	83	1,946	85	1,735	79	1,970	78	1,859	81	2,332	92	2,080	90	14
13	1,180	76	2,236	77	2,324	72	1,946	70	2,948	73	3,150	82	2,263	81	13
12	2,009	71	2,880	67	2,898	62	2,330	62	2,635	61	2,642	69	3,584	72	12
11	2,640	63	2,973	55	2,091	50	2,173	52	2,585	50	3,528	58	2,852	57	11
10	2,988	52	2,259	43	2,401	42	2,303	43	2,120	39	3,701	43	3,189	45	10
9	2,383	39	2,902	33	2,223	32	2,125	34	1,773	30	2,817	28	2,795	32	9
8	1,944	29	1,755	21	1,895	22	2,114	25	2,346	23	1,969	16	1,967	20	8
7	1,810	21	1,288	14	1,938	14	1,256	16	2,015	13	841	8	1,397	12	7
6	1,330	14	787	8	767	6	1,271	11	689	4	435	4	752	6	6
5	890	8	620	5	393	3	820	5	254	2	301	2	141	3	5
4	544	4	442	3	226	1	255	2	84	1	96	1	356	2	4
3	363	2	145	1	75	1	163	1	36	1	71	1	17	1	3
2	139	1	25	1	24	1	37	1	6	1	10	1	95	1	2
1	10	1	4	1	10	1	2	1	0	1	50	1	32	1	1
Avg (SD)	10.6 (3.7)		11.0 (3.2)		11.4 (3.4)		11.3 (3.6)		11.5 (3.3)		11.0 (2.6)		10.9 (2.8)		Avg (SD)

¹CP 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	24	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	17	18	18	19	18

Total Students in Report: 23,907

Table 2.4. Average ACT Composite Scores for Race/Ethnicity¹ by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	23,907	81	22.5	19.4
	Black/African American	1,278	73	18.2	15.9
	American Indian/Alaska Native	159	74	21.1	18.1
	White	17,635	83	23.1	20.1
	Hispanic/Latino	2,367	76	20.2	17.1
	Asian	671	84	22.5	19.7
	Native Hawaiian/Other Pac. Isl.	19	68	20.8	19.8
	Two or more races	1,110	76	21.7	19.0
	Prefer not/No Response	668	76	23.4	20.7
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

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

²"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/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.3	21.8	22.3	21.7	21.9
	Black/African American	16.3	18.0	17.7	17.9	17.6
	American Indian/Alaska Native	19.5	19.9	20.9	20.3	20.3
	White	22.1	22.4	23.0	22.3	22.6
	Hispanic/Latino	18.3	19.6	19.8	19.7	19.5
	Asian	20.8	23.5	21.3	21.9	22.0
	Native Hawaiian/Other Pac. Isl.	19.2	21.4	19.7	21.1	20.5
	Two or more races	20.4	20.6	21.6	21.0	21.0
	Prefer not/No Response	22.4	22.2	23.3	22.4	22.7
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

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

Total Students in Report: 23,907

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	1,070	4	583	2	1,309	5	437	2
	28 to 32	2,496	10	2,272	10	3,661	15	1,895	8
	24 to 27	4,719	20	6,311	26	4,472	19	5,999	25
	20 to 23	6,703	28	5,645	24	6,286	26	8,629	36
	16 to 19	4,638	19	7,327	31	5,061	21	4,763	20
	13 to 15	2,595	11	1,727	7	2,288	10	1,525	6
	01 to 12	1,686	7	42	0	830	3	659	3
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	11,236	47	21.0	22.4	22.2	22.4	22.1
	Females	12,668	53	21.6	21.2	22.3	21.2	21.7
	Missing	3	0	19.0	17.3	22.7	19.3	19.3
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	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	71	57	59	41	33
	Females	75	48	60	30	25
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 23,907

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	19,366	78	22.0	58	22.4	64	22.9	39	22.3	32	22.5
	Less than Core	4,368	53	18.4	28	19.2	42	19.9	19	19.5	13	19.4
	Missing ³	173	45	17.4	29	18.8	39	19.3	16	18.9	12	18.7
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "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.

³ Zero years or no coursework information reported in one or more content areas.

⁴ 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 ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	23,245	73	21.4	22,623	55	22.1	22,798	60	22.4	20,948	38	22.1
	Less than Core	528	60	19.0	1,123	7	16.7	975	51	21.1	2,816	15	19.1
	Missing ³	134	55	18.5	161	29	18.8	134	48	20.4	143	19	19.7
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "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.

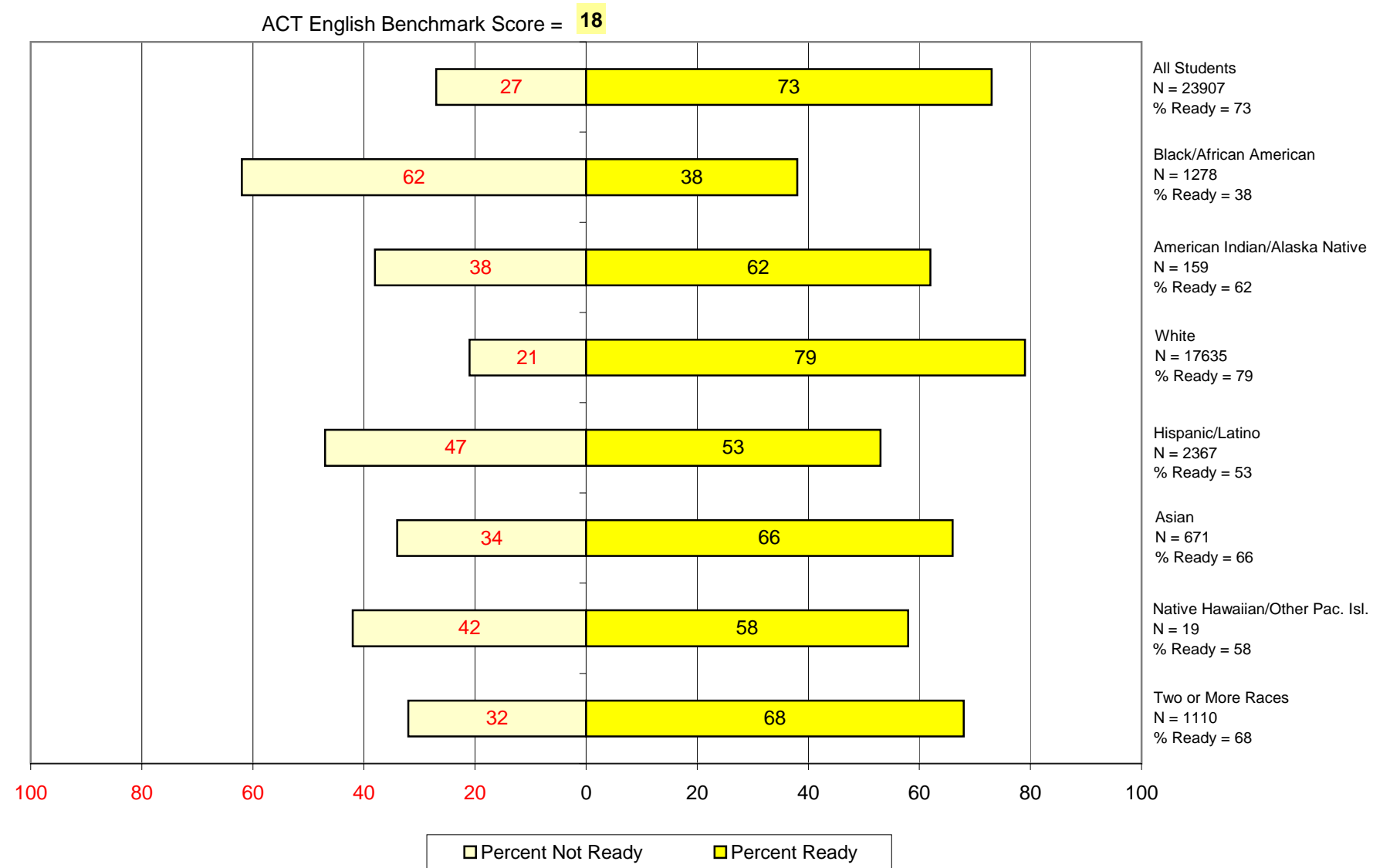
³ Zero years or no coursework information reported in the specified content area.

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.

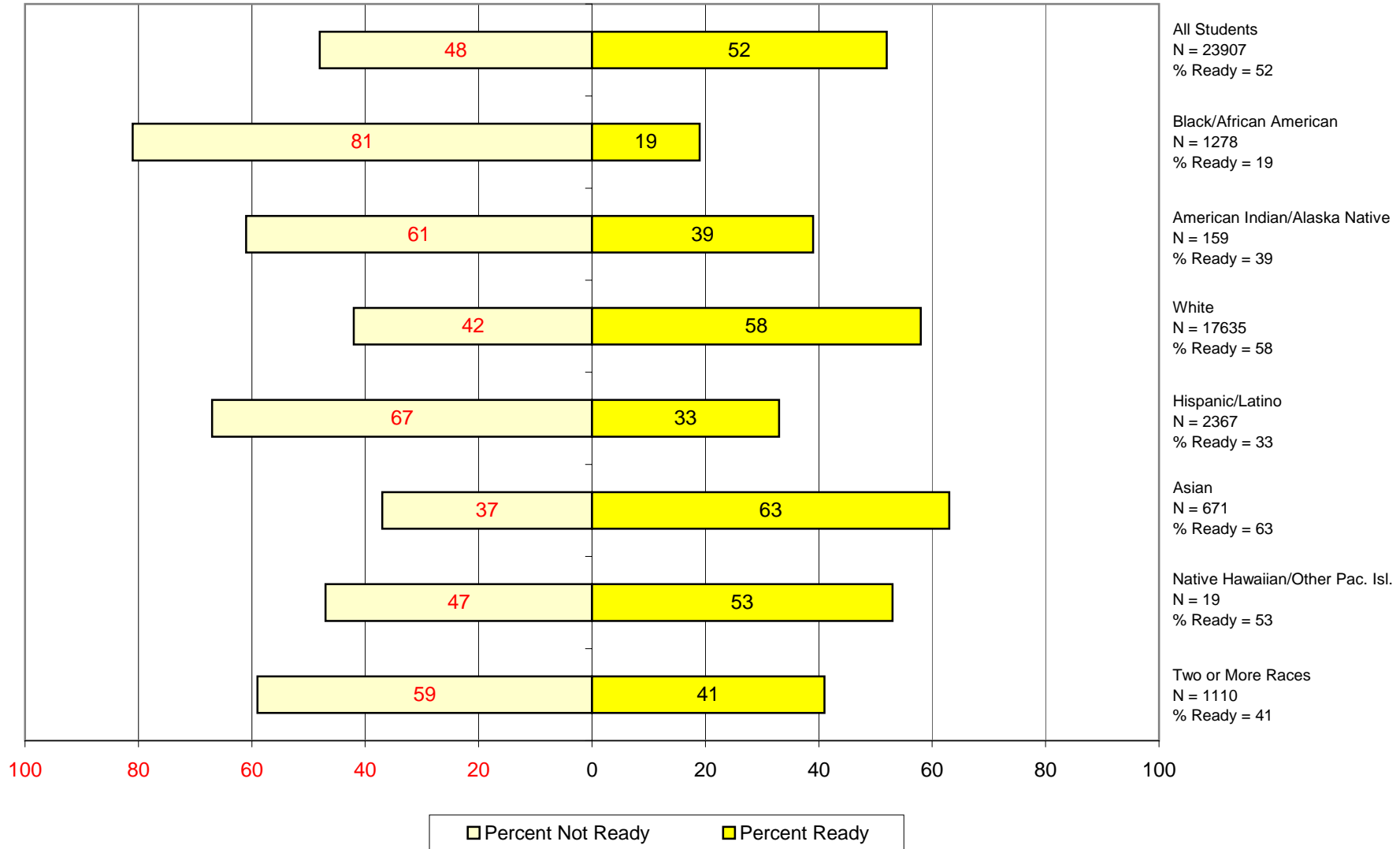
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

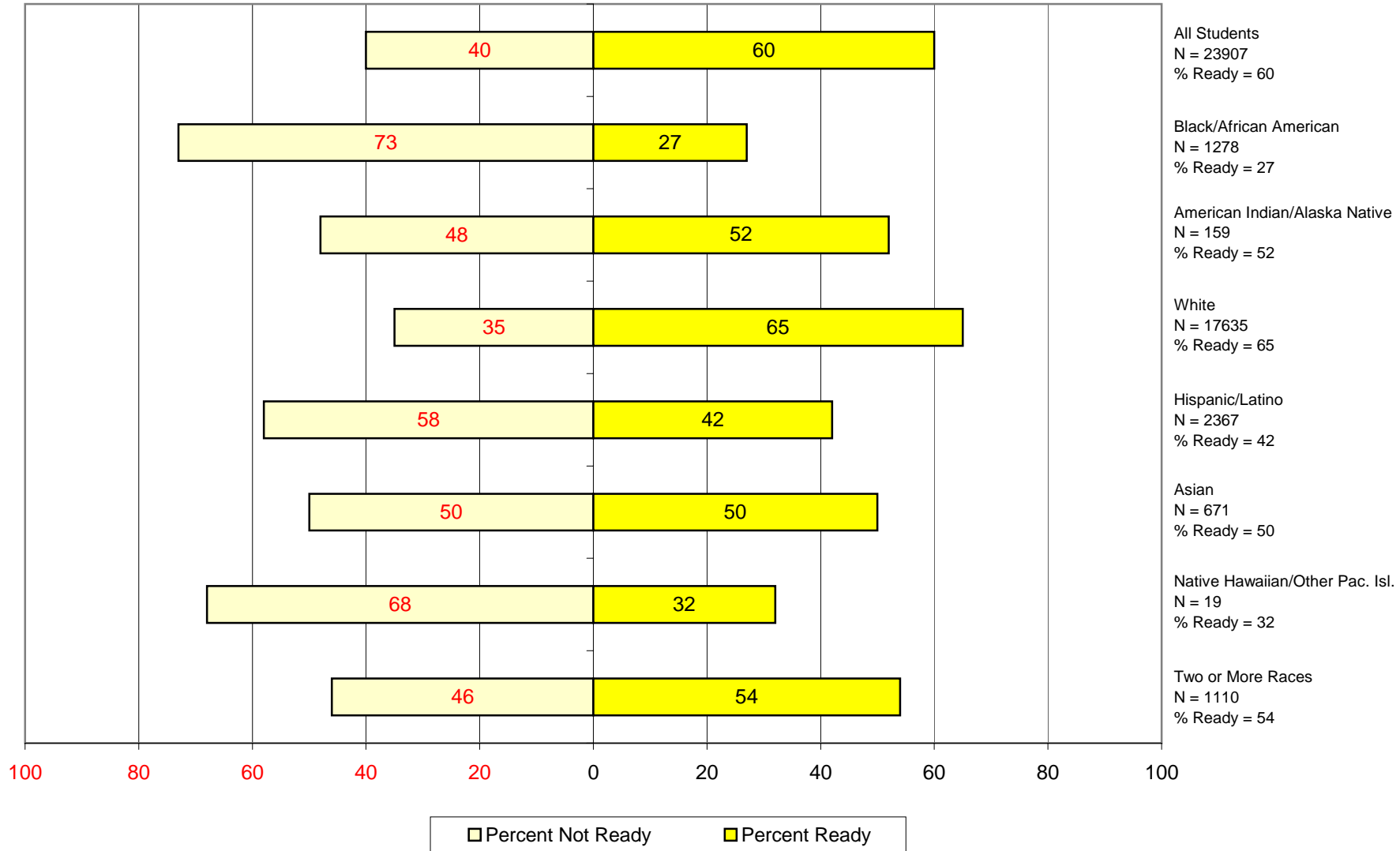
ACT Mathematics Benchmark Score = **22**



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

Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING

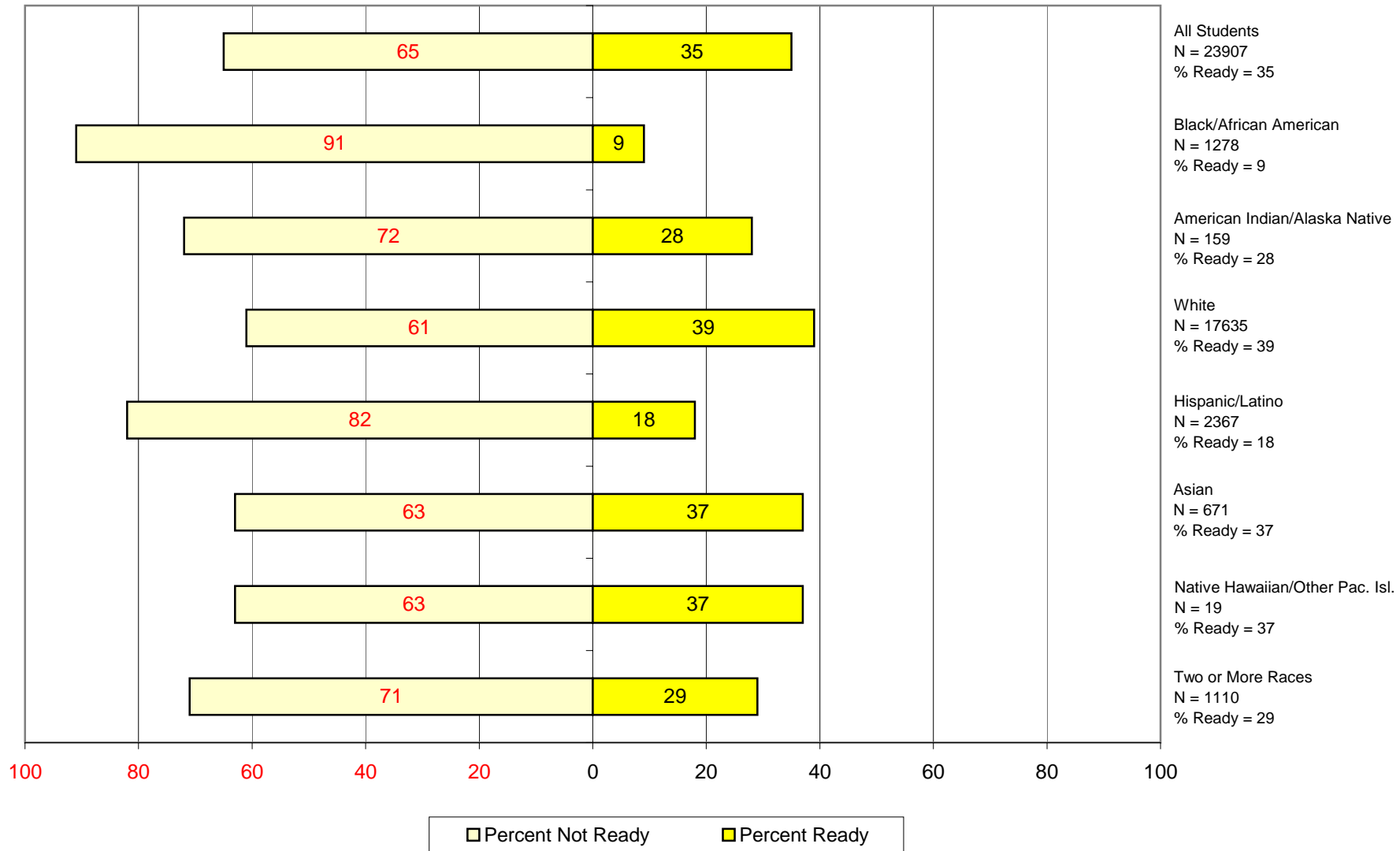
ACT Reading Benchmark Score = 21



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

Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE

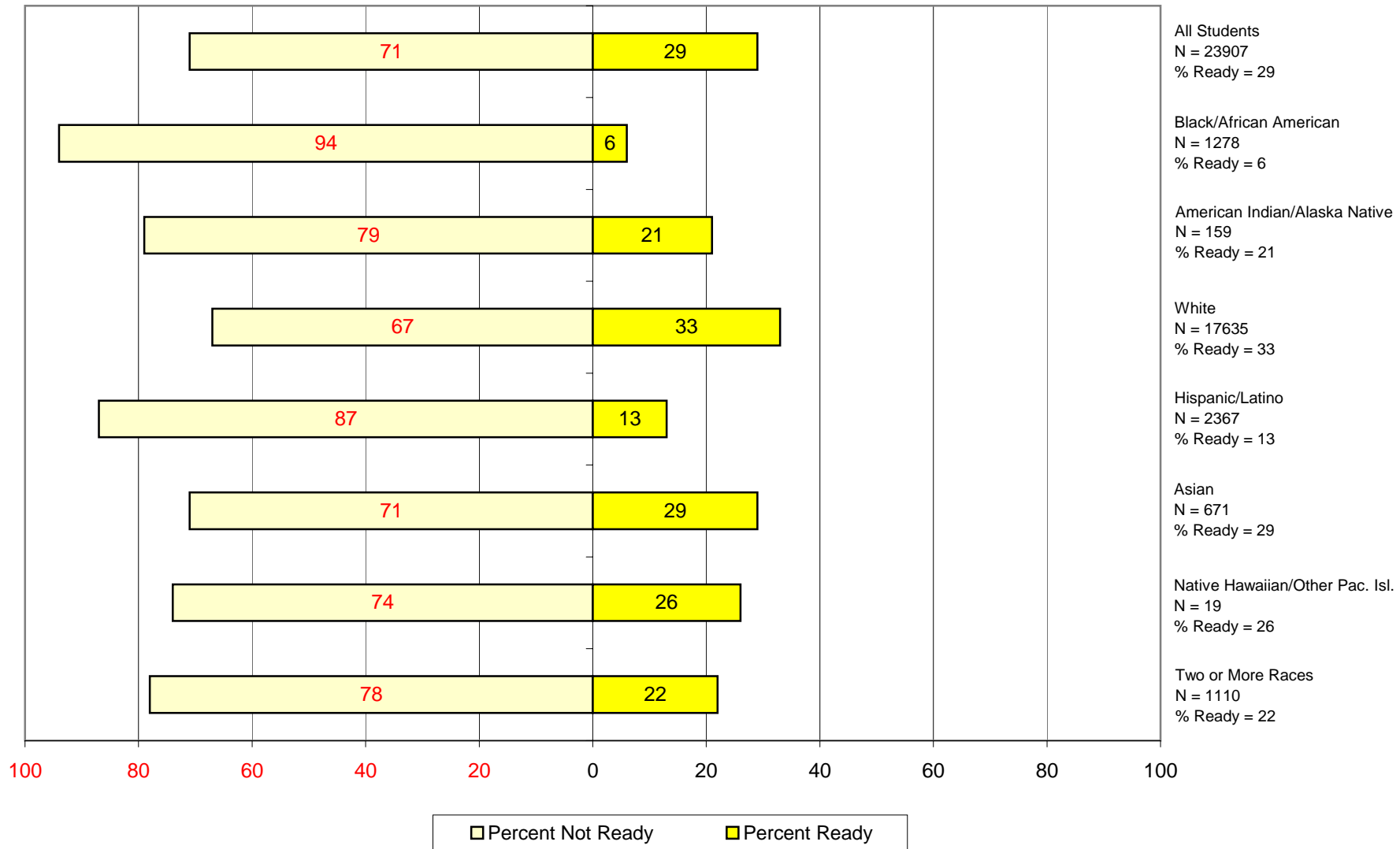
ACT Science Benchmark Score = **24**



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

Total Students in Report: 23,907

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ALL FOUR



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

Total Students in Report: 23,907

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 ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,971	29	21.8	2.8	3,010	27	21.4	2.8	3,961	31	22.1	2.9
Eng 9, Eng 10, Eng 11, Eng 12	16,274	68	21.2	2.2	7,885	70	20.9	2.3	8,387	66	21.5	2.3
Less than 4 years of English	528	2	19.0	-	256	2	18.6	-	271	2	19.2	-
Zero years / no English courses reported	134	1	18.5	-	85	1	17.8	-	49	0	19.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,301	5	24.7	8.0	651	6	25.4	8.4	650	5	24.1	7.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,390	10	22.8	6.1	933	8	23.5	6.5	1,457	12	22.3	5.9
Alg 1, Alg 2, Geom, & Trig	1,227	5	20.8	4.1	570	5	21.4	4.4	657	5	20.4	4.0
Alg 1, Alg 2, Geom, & Other Adv Math	3,951	17	20.7	4.0	1,583	14	21.1	4.1	2,367	19	20.4	4.0
Other comb of 4 or more years of Math	9,027	38	24.1	7.4	4,627	41	24.8	7.8	4,400	35	23.5	7.1
Alg 1, Alg 2, & Geom	3,696	15	18.1	1.4	1,684	15	18.4	1.4	2,012	16	17.8	1.4
Other comb of 3 or 3.5 years of Math	1,031	4	19.9	3.2	560	5	20.2	3.2	471	4	19.5	3.1
Less than 3 years of Math	1,123	5	16.7	-	527	5	17.0	-	594	5	16.4	-
Zero years / no Math courses reported	161	1	18.8	-	101	1	19.0	-	60	0	18.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,149	5	22.8	1.7	610	5	22.6	2.1	539	4	22.9	1.3
Other comb of 4 or more years Social Science	11,592	48	22.7	1.6	5,358	48	22.6	2.1	6,233	49	22.7	1.1
US Hist, World Hist, & Am Gov	3,048	13	20.8	-0.3	1,543	14	20.6	0.1	1,505	12	20.9	-0.7
Other comb of 3 or 3.5 years of Social Science	7,009	29	22.5	1.4	3,128	28	22.6	2.1	3,880	31	22.4	0.8
Less than 3 years of Social Science	975	4	21.1	-	511	5	20.5	-	463	4	21.6	-
Zero years / no Social Science courses reported	134	1	20.4	-	86	1	20.2	-	48	0	20.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	10,856	45	22.8	3.7	5,450	49	23.5	4.1	5,405	43	22.1	3.3
Bio, Chem, Phys	2,336	10	24.1	5.0	1,102	10	25.0	5.6	1,234	10	23.3	4.5
Gen Sci ² , Bio, Chem	7,255	30	20.5	1.4	3,012	27	20.9	1.5	4,242	33	20.3	1.5
Other comb of 3 years of Natural Science	501	2	20.5	1.4	288	3	21.2	1.8	213	2	19.5	0.7
Less than 3 years of Natural Science	2,816	12	19.1	-	1,292	11	19.4	-	1,523	12	18.8	-
Zero years / no Natural Science courses reported	143	1	19.7	-	92	1	19.8	-	51	0	19.7	-

¹Course 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.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 23,907

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
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,971	29	21.8	76	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	16,274	68	21.2	72	1,178,400	71	20.5	67
Less than 4 years of English	528	2	19.0	60	64,748	4	16.5	41
Zero years / no English courses reported	134	1	18.5	55	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,301	5	24.7	77	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,390	10	22.8	67	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	1,227	5	20.8	46	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	3,951	17	20.7	44	279,658	17	19.9	36
Other comb of 4 or more years of Math	9,027	38	24.1	72	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	3,696	15	18.1	16	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,031	4	19.9	34	82,509	5	19.9	35
Less than 3 years of Math	1,123	5	16.7	7	69,741	4	16.6	8
Zero years / no Math courses reported	161	1	18.8	29	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,149	5	22.8	62	47,179	3	22.3	59
Other comb of 4 or more years Social Science	11,592	48	22.7	63	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	3,048	13	20.8	49	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	7,009	29	22.5	61	452,172	27	21.2	51
Less than 3 years of Social Science	975	4	21.1	51	149,266	9	19.7	40
Zero years / no Social Science courses reported	134	1	20.4	48	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	10,856	45	22.8	44	740,499	44	21.9	39
Bio, Chem, Phys	2,336	10	24.1	56	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	7,255	30	20.5	22	466,992	28	20.0	22
Other comb of 3 years of Natural Science	501	2	20.5	26	45,992	3	19.5	20
Less than 3 years of Natural Science	2,816	12	19.1	15	194,661	12	18.4	13
Zero years / no Natural Science courses reported	143	1	19.7	19	46,139	3	17.9	14

¹Includes 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: 23,907

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

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	624	3	20.6	69	5	18.5	532	3	20.9
Architecture	411	2	21.7	10	1	16.9	374	2	22.0
Area, Ethnic, & Multidisciplinary Studies	26	0	23.0	0	0	.	25	0	23.3
Arts: Visual & Performing	1,675	7	22.0	106	8	18.8	1,468	7	22.3
Business	2,093	9	21.3	131	10	17.5	1,864	9	21.7
Communications	480	2	22.3	11	1	17.7	449	2	22.4
Community, Family, & Personal Services	535	2	19.4	73	6	18.2	433	2	19.8
Computer Science & Mathematics	504	2	23.6	20	2	19.1	465	2	23.9
Education	1,680	7	21.4	42	3	17.8	1,575	7	21.5
Engineering	1,591	7	24.3	44	3	18.2	1,479	7	24.6
Engineering Technology & Drafting	388	2	21.7	39	3	17.4	337	2	22.4
English & Foreign Languages	239	1	24.5	2	0	19.0	227	1	24.5
Health Administration & Assisting	814	3	18.9	79	6	16.7	688	3	19.3
Health Sciences & Technologies	4,650	19	21.9	162	13	18.1	4,295	20	22.1
Philosophy, Religion, & Theology	162	1	23.0	4	0	20.3	146	1	23.2
Repair, Production, & Construction	353	1	18.8	164	13	18.1	161	1	19.5
Sciences: Biological & Physical	1,255	5	24.0	19	1	16.4	1,200	6	24.1
Social Sciences & Law	1,710	7	21.8	45	4	17.9	1,592	7	22.0
Undecided	4,532	19	22.0	247	19	17.9	3,874	18	22.3
No Response	185	1	19.1	9	1	16.0	54	0	19.5

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

²2-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.

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

Total Students in Report: 23,907

Table 4.2. Average ACT Composite Scores for Racial/Ethnic¹ 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	317	17.4	20	14.6	1	18.0	226	17.9	43	16.5
2-yr College Degree	959	18.1	53	16.1	8	16.4	682	18.6	145	16.6
Bachelors Degree	13,285	21.2	667	17.1	79	19.2	10,126	21.8	1,261	19.0
Graduate Study	3,424	24.3	152	19.6	26	22.0	2,658	24.9	229	22.1
Prof. Level Degree	4,529	23.9	294	18.8	36	23.0	3,049	24.8	503	21.3
Other	368	18.7	22	15.0	2	18.0	242	19.5	50	17.1
No Response	1,025	21.1	70	15.8	7	18.6	652	22.3	136	17.9

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	317	17.4	9	15.0	1	16.0	12	18.2	5	19.0
2-yr College Degree	959	18.1	13	15.8	2	13.5	37	17.6	19	18.8
Bachelors Degree	13,285	21.2	246	19.9	9	19.8	579	20.2	318	21.4
Graduate Study	3,424	24.3	83	23.3	2	19.5	164	22.9	110	25.4
Prof. Level Degree	4,529	23.9	249	24.6	4	26.5	248	22.6	146	25.1
Other	368	18.7	18	18.2	0	.	21	19.1	13	16.2
No Response	1,025	21.1	53	21.5	1	23.0	49	20.8	57	22.0

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

Total Students in Report: 23,907

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	6,939	3,011	3,928	1	4	17	33	29	15	2
UNIVERSITY OF KANSAS	Kansas	6,649	2,747	3,902	0	3	16	32	30	17	2
WICHITA STATE UNIVERSITY	Kansas	3,423	1,106	2,317	1	6	21	35	26	11	1
EMPORIA STATE UNIVERSITY	Kansas	1,905	514	1,391	0	6	23	36	24	9	0
PITTSBURG STATE UNIVERSITY	Kansas	1,840	575	1,265	0	5	25	39	23	7	1
FORT HAYS STATE UNIVERSITY	Kansas	1,713	579	1,134	0	6	26	38	22	7	0
WASHBURN UNIVERSITY	Kansas	1,599	508	1,091	1	7	23	34	26	9	1
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	1,370	490	880	1	7	28	36	20	7	0
BUTLER COMMUNITY COLLEGE	Kansas	1,297	499	798	2	11	34	35	14	4	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	888	320	568	1	11	33	33	18	5	0
NCAA ELIGIBILITY CENTER	Indiana	629	321	308	0	7	20	34	25	12	1
UNIV OF MISSOURI-KANSAS CITY	Missouri	567	113	454	1	7	19	30	28	14	2
BAKER UNIVERSITY	Kansas	558	134	424	1	4	22	36	25	11	1
NEWMAN UNIVERSITY	Kansas	554	124	430	1	6	22	35	24	11	1
OKLAHOMA STATE UNIVERSITY	Oklahoma	536	103	433	0	3	10	31	34	19	3
FRIENDS UNIVERSITY	Kansas	495	108	387	2	5	24	37	23	8	0
UNIV OF MISSOURI-COLUMBIA	Missouri	481	113	368	0	2	12	26	34	24	2
COWLEY COUNTY COMMUNITY COLL	Kansas	446	152	294	2	12	34	33	15	4	0
UNIVERSITY OF ARKANSAS	Arkansas	442	92	350	0	0	7	26	42	22	2
UNIVERSITY OF OKLAHOMA	Oklahoma	371	63	308	1	3	14	33	27	19	3
BENEDICTINE COLLEGE	Kansas	343	95	248	0	3	15	33	32	15	2
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	320	101	219	2	11	39	32	13	2	0
KANSAS CITY KANSAS COMM COLL	Kansas	306	91	215	6	18	36	26	13	1	0
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	305	61	244	0	2	10	28	32	24	4
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	296	105	191	1	14	30	31	20	4	0
BARTON COUNTY COMMUNITY COLLEGE	Kansas	281	114	167	1	10	37	35	15	3	0
HIGHLAND COMMUNITY COLLEGE	Kansas	265	98	167	3	14	32	35	13	2	0
MCPHERSON COLLEGE	Kansas	256	62	194	1	10	31	34	15	9	0
UNIV OF TEXAS AT AUSTIN	Texas	230	43	187	0	5	15	28	26	23	3
COLBY COMMUNITY COLLEGE	Kansas	221	92	129	1	16	35	32	14	3	0
All Other Institutions		15,064	3,827	11,237	1	6	18	27	25	19	4
Total		50,589	16,361	34,228	1	6	20	32	26	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: 23,907

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity¹ 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
All Students	3,691	931,148	24.3	21.5	7.1	7.1	22.9	20.7
Black/African American	185	113,247	18.6	16.6	6.3	6.2	18.0	16.4
American Indian/Alaska Native	25	5,233	22.8	17.8	7.0	6.5	21.6	17.5
White	2,590	518,974	25.1	23.2	7.2	7.2	23.5	22.1
Hispanic/Latino	332	150,249	21.4	18.5	6.9	6.8	20.5	18.3
Asian	207	53,381	25.9	23.7	7.6	7.6	24.4	22.8
Native Hawaiian/Other Pac. Isl.	4	2,851	13.8	19.9	5.5	7.1	13.8	19.6
Two or more races	208	32,346	22.9	21.9	6.8	7.1	21.5	21.1
Prefer not/No Response	140	54,867	24.9	21.8	7.2	7.1	23.3	21.0
Males	1,619	413,617	24.1	21.2	6.9	6.8	22.4	20.3
Females	2,071	515,745	24.6	21.7	7.3	7.2	23.2	21.1
Missing	1	1,786	25.0	16.8	8.0	6.3	24.0	16.6

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

