

# ACT Profile Report - State

Graduating Class 2012  
Wisconsin



ACT, INC. -- CONFIDENTIAL





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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](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

31% 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:** 47,588 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. 75% 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 4% of the cohort took less than three years of math courses. Of these students, 12% were college ready. 13% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 63% 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 9% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 41% 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 36% 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

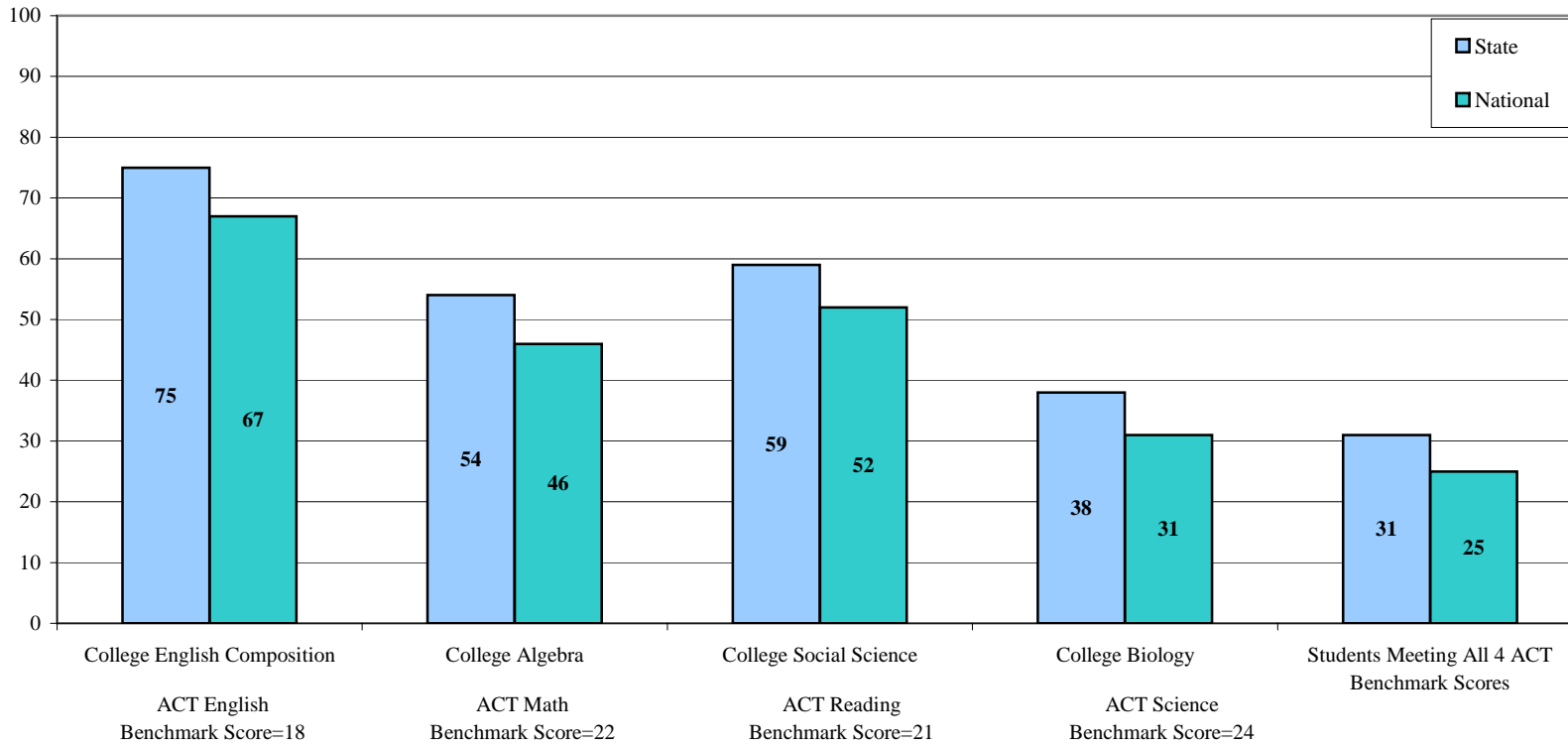
## Executive Summary

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: 47,588

**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: 47,588

**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	46,990	1,421,941	77	68	54	43	61	53	38	28	30	22
2009	46,658	1,480,469	77	67	53	42	62	53	37	28	30	23
2010	47,755	1,568,835	75	66	53	43	60	52	38	29	31	24
2011	47,693	1,623,112	75	66	54	45	60	52	39	30	32	25
<b>2012</b>	<b>47,588</b>	<b>1,666,017</b>	<b>75</b>	<b>67</b>	<b>54</b>	<b>46</b>	<b>59</b>	<b>52</b>	<b>38</b>	<b>31</b>	<b>31</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
2008	46,990	1,421,941	21.7	20.6	22.3	21.0	22.6	21.4	22.3	20.8	22.3	21.1
2009	46,658	1,480,469	21.7	20.6	22.2	21.0	22.6	21.4	22.3	20.9	22.3	21.1
2010	47,755	1,568,835	21.5	20.5	22.0	21.0	22.3	21.3	22.2	20.9	22.1	21.0
2011	47,693	1,623,112	21.6	20.6	22.1	21.1	22.2	21.3	22.3	20.9	22.2	21.1
<b>2012</b>	<b>47,588</b>	<b>1,666,017</b>	<b>21.5</b>	<b>20.5</b>	<b>22.0</b>	<b>21.1</b>	<b>22.1</b>	<b>21.3</b>	<b>22.1</b>	<b>20.9</b>	<b>22.1</b>	<b>21.1</b>

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

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
<b>2012</b>	<b>1,666,017</b>	<b>20.5</b>	<b>21.1</b>	<b>21.3</b>	<b>20.9</b>	<b>21.1</b>

Total Students in Report: 47,588

**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
2008	27,114	14,828	58	32	22.4	20.4	22.8	21.0	23.1	21.5	22.7	21.3	22.9	21.2
2009	33,991	11,745	73	25	22.4	20.1	22.9	20.6	23.3	21.2	22.9	21.1	23.0	20.9
2010	34,921	11,909	73	25	22.4	19.6	22.8	20.2	23.1	20.6	22.9	20.7	22.9	20.4
2011	35,312	11,504	74	24	22.4	19.8	22.8	20.3	22.9	20.7	22.9	20.8	22.9	20.5
<b>2012</b>	<b>35,848</b>	<b>10,871</b>	<b>75</b>	<b>23</b>	<b>22.3</b>	<b>19.7</b>	<b>22.6</b>	<b>20.3</b>	<b>22.8</b>	<b>20.6</b>	<b>22.7</b>	<b>20.7</b>	<b>22.7</b>	<b>20.4</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.

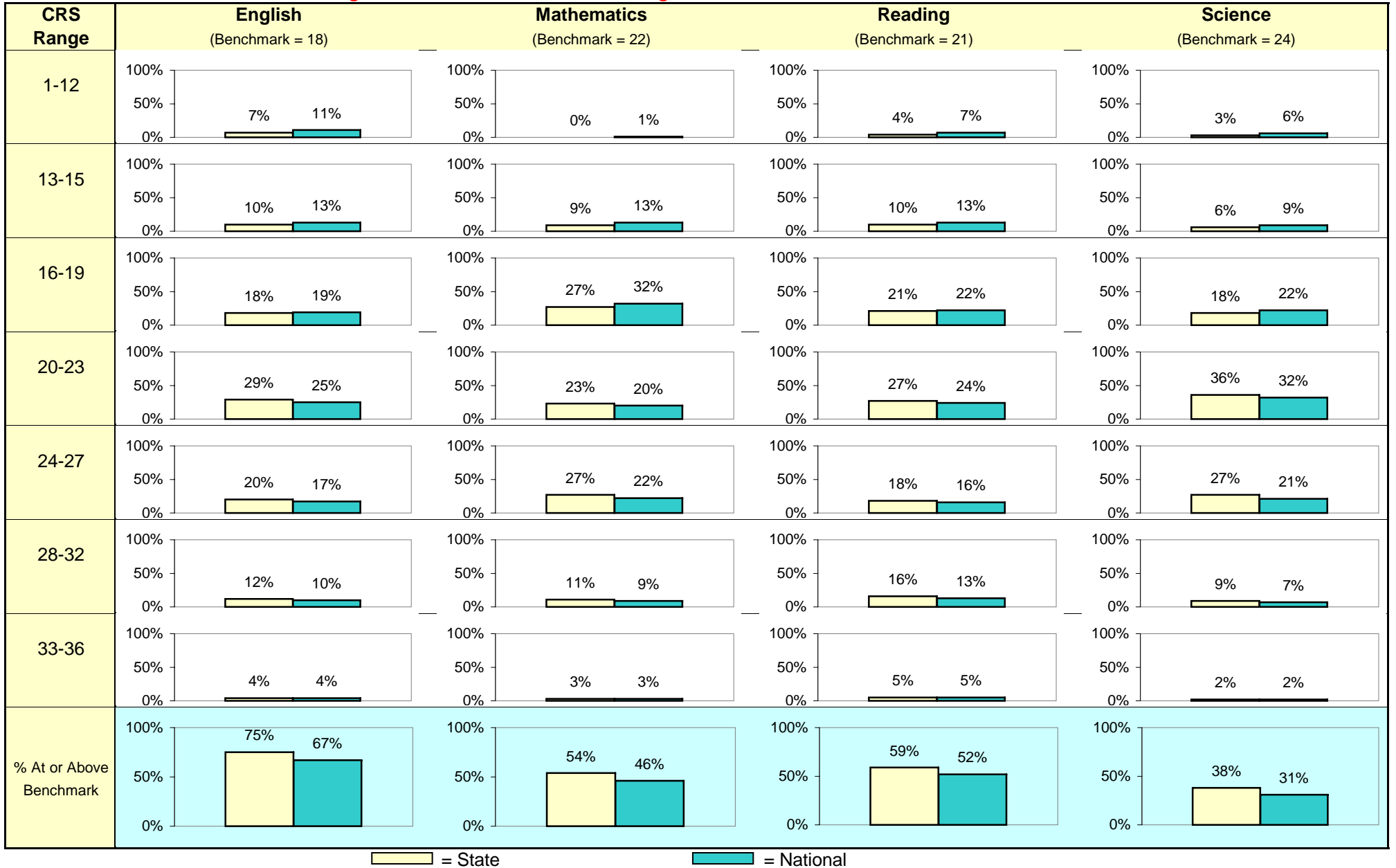
**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity<sup>1</sup>**

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>46,990</b>	<b>100</b>	<b>22.3</b>	<b>46,658</b>	<b>100</b>	<b>22.3</b>	<b>47,755</b>	<b>100</b>	<b>22.1</b>	<b>47,693</b>	<b>100</b>	<b>22.2</b>	<b>47,588</b>	<b>100</b>	<b>22.1</b>
Black/African American	2,271	5	17.0	2,548	5	16.8	3,351	7	16.0	3,528	7	16.2	3,341	7	16.0
American Indian/Alaska Native	318	1	20.4	350	1	20.7	331	1	20.2	311	1	20.1	263	1	19.7
White	36,397	77	22.8	37,801	81	22.9	37,765	79	23.0	37,011	78	23.1	36,261	76	23.0
Hispanic/Latino	1,297	3	19.7	1,412	3	19.7	1,892	4	18.7	2,397	5	19.2	2,930	6	19.1
Asian	1,620	3	20.4	1,681	4	20.3	1,734	4	20.3	1,866	4	20.6	1,824	4	20.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	15	0	20.1	37	0	22.3
Two or more races	611	1	21.5	751	2	21.8	907	2	20.9	970	2	20.9	1,285	3	21.3
Prefer not to respond/No response	4,476	10	23.3	2,115	5	22.9	1,775	4	21.3	1,595	3	21.8	1,647	3	22.4

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

Total Students in Report: 47,588

**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: 47,588

**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	132	100	124	100	323	100	199	100	21	100	36
35	504	100	261	100	328	99	235	100	110	100	35
34	645	99	505	99	658	99	203	99	256	100	34
33	703	97	482	98	1,027	97	289	99	423	99	33
32	843	96	578	97	1,159	95	543	98	596	98	32
31	877	94	594	96	1,508	93	758	97	907	97	31
30	1,086	92	1,065	95	1,483	89	889	95	1,134	95	30
29	1,364	90	1,003	92	1,587	86	795	93	1,345	93	29
28	1,422	87	1,973	90	1,709	83	1,238	92	1,892	90	28
27	1,781	84	2,268	86	1,770	79	2,674	89	2,315	86	27
26	2,197	80	3,419	81	1,987	76	1,937	84	2,552	81	26
25	2,400	76	2,995	74	2,016	72	3,680	79	3,053	76	25
24	3,331	71	4,050	68	2,683	67	4,656	72	3,493	69	24
23	3,136	64	3,450	59	2,976	62	4,515	62	3,735	62	23
22	2,956	57	2,945	52	3,461	55	4,523	52	3,940	54	22
21	4,234	51	1,789	46	3,495	48	3,775	43	3,808	46	21
20	3,422	42	2,598	42	2,725	41	4,166	35	3,490	38	20
19	2,495	35	2,603	37	2,918	35	3,034	26	3,111	31	19
18	2,209	30	3,075	31	3,039	29	2,440	20	2,780	24	18
17	1,810	25	3,332	25	2,350	23	1,589	15	2,199	18	17
16	2,085	21	3,887	18	1,710	18	1,363	11	1,904	14	16
15	2,220	17	2,878	10	2,078	14	1,085	9	1,518	10	15
14	1,460	12	1,132	4	1,442	10	900	6	1,192	6	14
13	938	9	416	1	1,106	7	763	4	879	4	13
12	687	7	114	1	999	4	522	3	586	2	12
11	772	6	31	1	464	2	353	2	243	1	11
10	768	4	14	1	346	1	311	1	64	1	10
9	490	2	1	1	99	1	96	1	29	1	9
8	368	1	1	1	68	1	31	1	9	1	8
7	150	1	5	1	31	1	8	1	3	1	7
6	65	1	0	1	25	1	10	1	0	1	6
5	23	1	0	1	5	1	6	1	1	1	5
4	11	1	0	1	9	1	0	1	0	1	4
3	4	1	0	1	4	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	1	1	0	1	1
Avg (SD)	21.5 (6.0)		22.0 (5.1)		22.1 (5.9)		22.1 (4.7)		22.1 (4.9)		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: 47,588

**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	1,786	100	582	100	1,286	100	1,564	100	1,924	100	465	100	554	100	18
17	1,921	96	611	99	2,261	97	2,500	97	2,343	96	331	99	178	99	17
16	3,034	92	3,092	97	2,989	93	3,039	91	2,218	91	1,539	98	1,877	98	16
15	1,996	86	2,828	91	2,979	86	2,471	85	3,141	86	2,061	95	3,295	95	15
14	3,674	82	4,551	85	4,132	80	3,877	80	4,128	80	4,868	91	4,132	88	14
13	2,350	74	4,865	75	4,803	71	3,994	72	4,634	71	6,665	81	6,138	79	13
12	4,388	69	5,407	65	5,236	61	4,310	63	4,714	61	5,374	67	6,120	66	12
11	5,026	60	6,254	54	4,255	50	4,180	54	5,359	51	5,808	55	6,465	53	11
10	5,926	49	4,573	41	4,841	41	4,660	46	3,930	40	7,379	43	5,709	40	10
9	4,385	37	5,452	31	4,493	31	4,522	36	3,588	32	4,811	28	4,785	28	9
8	3,866	28	3,119	20	3,651	22	4,408	26	4,277	24	3,944	17	3,355	18	8
7	3,106	19	2,389	13	3,498	14	2,524	17	4,170	15	1,863	9	2,446	10	7
6	2,176	13	1,373	8	1,427	7	2,495	12	1,891	7	1,205	5	984	5	6
5	1,723	8	1,177	5	1,037	4	1,937	6	871	3	584	3	630	3	5
4	1,083	5	824	3	441	1	628	2	269	1	368	1	470	2	4
3	802	2	404	1	169	1	340	1	75	1	145	1	195	1	3
2	293	1	81	1	76	1	134	1	51	1	94	1	158	1	2
1	53	1	6	1	14	1	5	1	5	1	84	1	97	1	1
Avg (SD)	10.8 (3.7)		11.1 (3.2)		11.4 (3.4)		11.1 (3.7)		11.4 (3.4)		11.1 (2.8)		11.2 (2.9)		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	26	26	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	18	18	18	19	19

Total Students in Report: 47,588

**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>47,588</b>	<b>75</b>	<b>22.7</b>	<b>20.4</b>
	Black/African American	3,341	56	16.8	15.6
	American Indian/Alaska Native	263	68	20.7	18.1
	White	36,261	78	23.4	21.6
	Hispanic/Latino	2,930	68	19.8	18.2
	Asian	1,824	69	21.0	18.7
	Native Hawaiian/Other Pac. Isl.	37	73	23.7	18.8
	Two or more races	1,285	72	21.9	19.9
	Prefer not/No Response	1,647	71	23.6	20.5
National	<b>All Students</b>	<b>1,666,017</b>	<b>76</b>	<b>21.8</b>	<b>19.1</b>
	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

<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>	21.5	22.0	22.1	22.1	22.1
	Black/African American	14.7	16.4	16.1	16.6	16.0
	American Indian/Alaska Native	18.4	19.7	20.0	20.1	19.7
	White	22.6	22.8	23.1	23.0	23.0
	Hispanic/Latino	18.2	19.1	19.3	19.4	19.1
	Asian	18.7	21.4	19.5	20.6	20.2
	Native Hawaiian/Other Pac. Isl.	21.1	22.5	22.7	22.2	22.3
	Two or more races	20.8	20.9	21.6	21.2	21.3
	Prefer not/No Response	22.0	22.0	22.9	22.1	22.4
National	<b>All Students</b>	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

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



Total Students in Report: 47,588

**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	1,984	4	1,372	3	2,336	5	926	2
	28 to 32	5,592	12	5,213	11	7,446	16	4,223	9
	24 to 27	9,709	20	12,732	27	8,456	18	12,947	27
	20 to 23	13,748	29	10,782	23	12,657	27	16,979	36
	16 to 19	8,599	18	12,897	27	10,017	21	8,426	18
	13 to 15	4,618	10	4,426	9	4,626	10	2,748	6
	01 to 12	3,338	7	166	0	2,050	4	1,339	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	21,732	46	21.2	22.8	22.1	22.8	22.3
	Females	25,787	54	21.8	21.3	22.2	21.6	21.9
	Missing	69	0	12.9	15.9	14.4	15.3	14.7
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	73	60	59	44	36
	Females	77	49	60	33	27
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 47,588

**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>	35,848	80	22.3	60	22.6	64	22.8	42	22.7	35	22.7
	Less than Core	10,871	63	19.7	39	20.3	48	20.6	27	20.7	20	20.4
	Missing <sup>3</sup>	869	21	13.7	11	16.3	14	15.5	7	16.3	5	15.6
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

<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>	45,222	77	21.8	44,649	57	22.3	41,001	61	22.4	42,435	41	22.5
	Less than Core	1,631	48	17.4	2,137	12	17.0	5,820	53	21.3	4,374	18	19.6
	Missing <sup>3</sup>	735	20	13.6	802	11	16.4	767	14	15.4	779	7	16.2
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

<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.

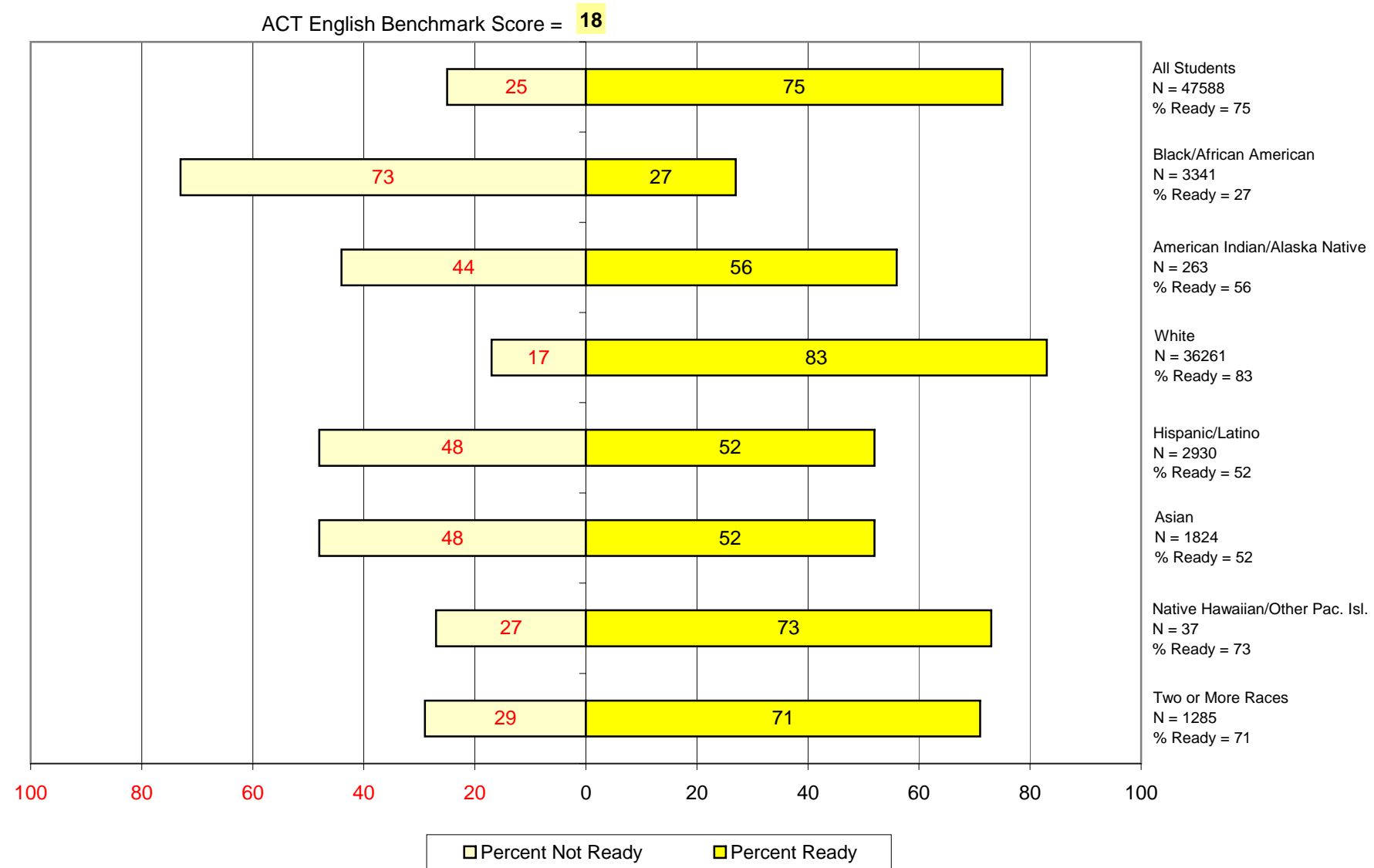
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# 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.

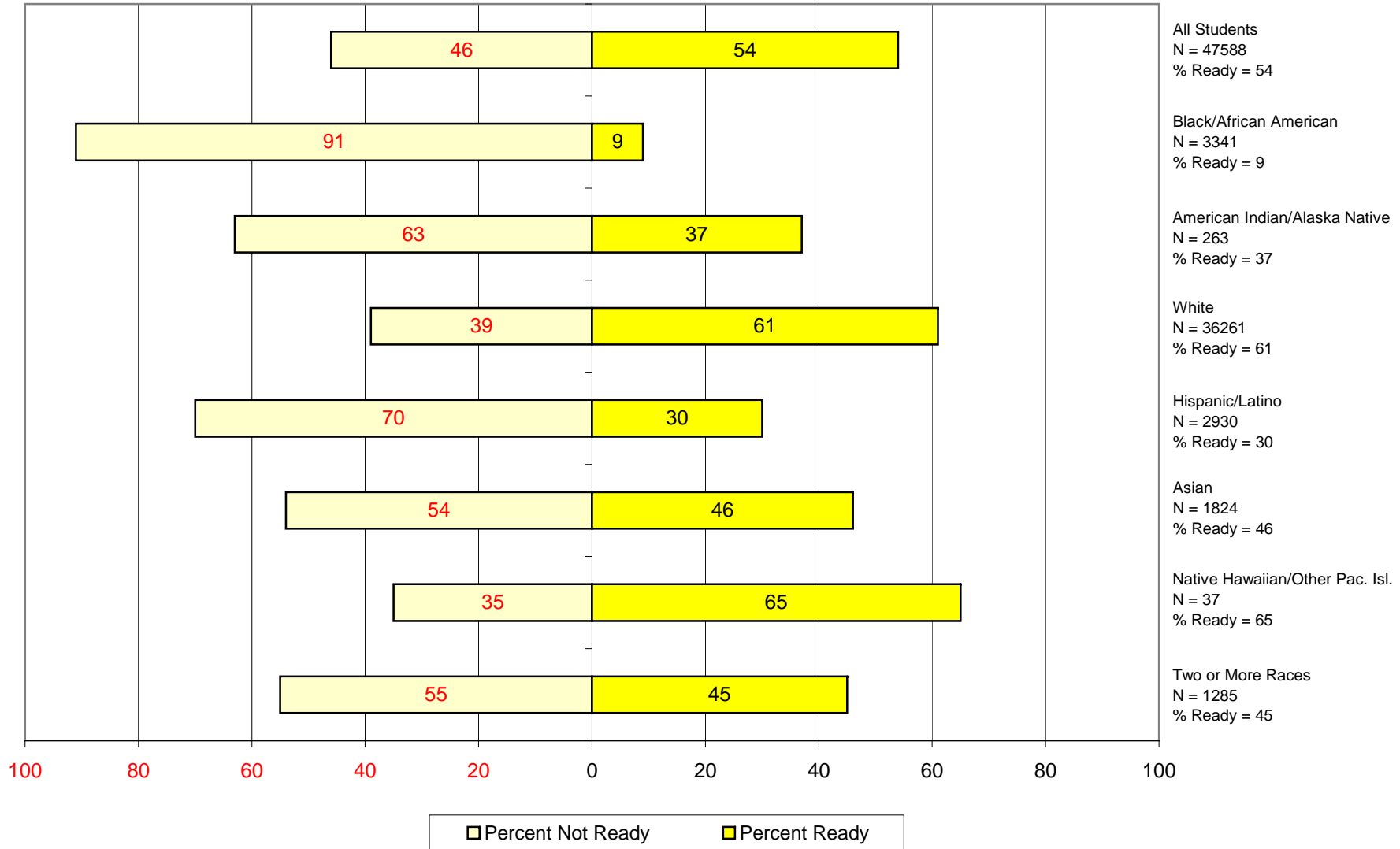
**Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ENGLISH**



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

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

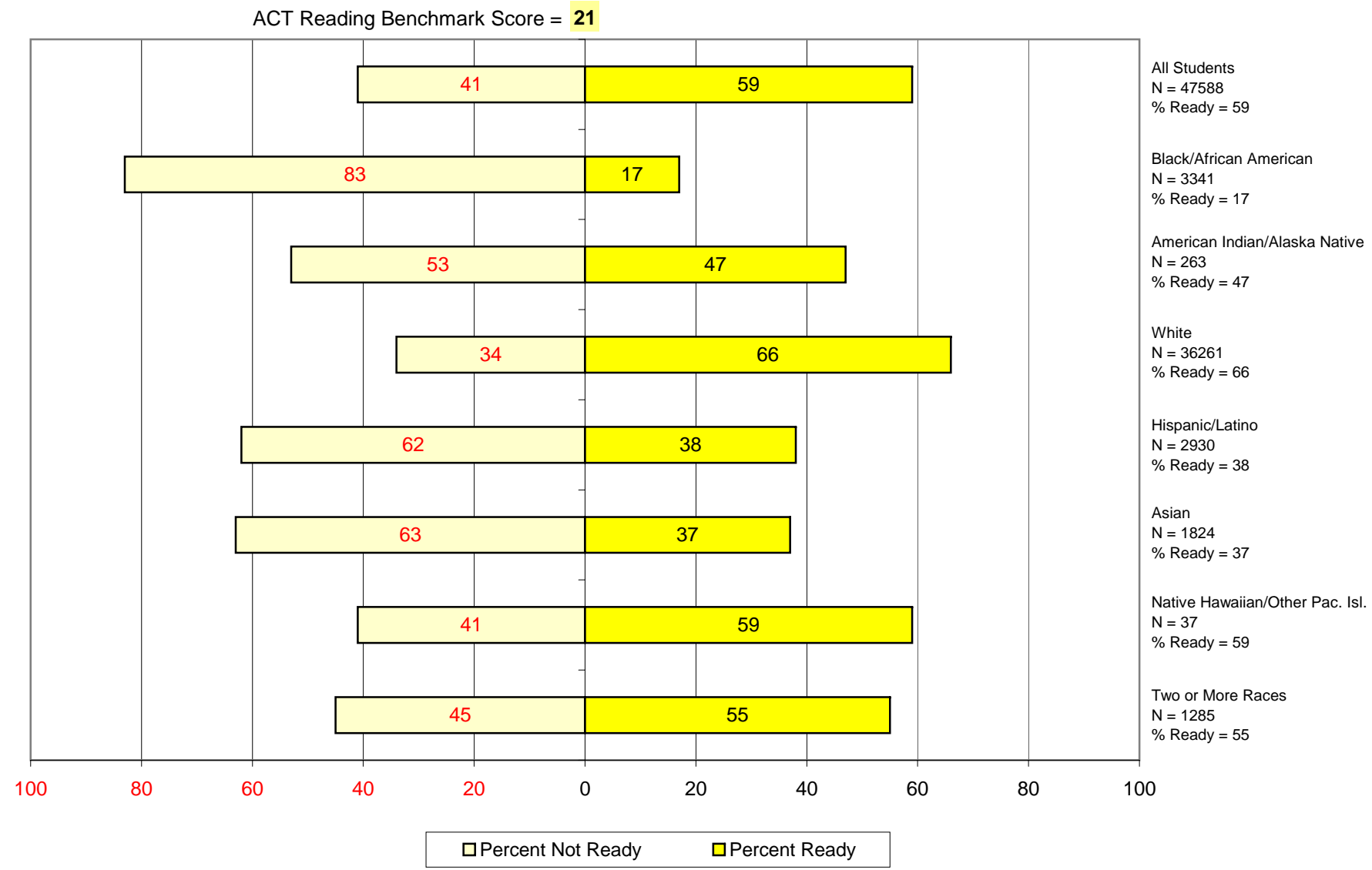
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 47,588

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

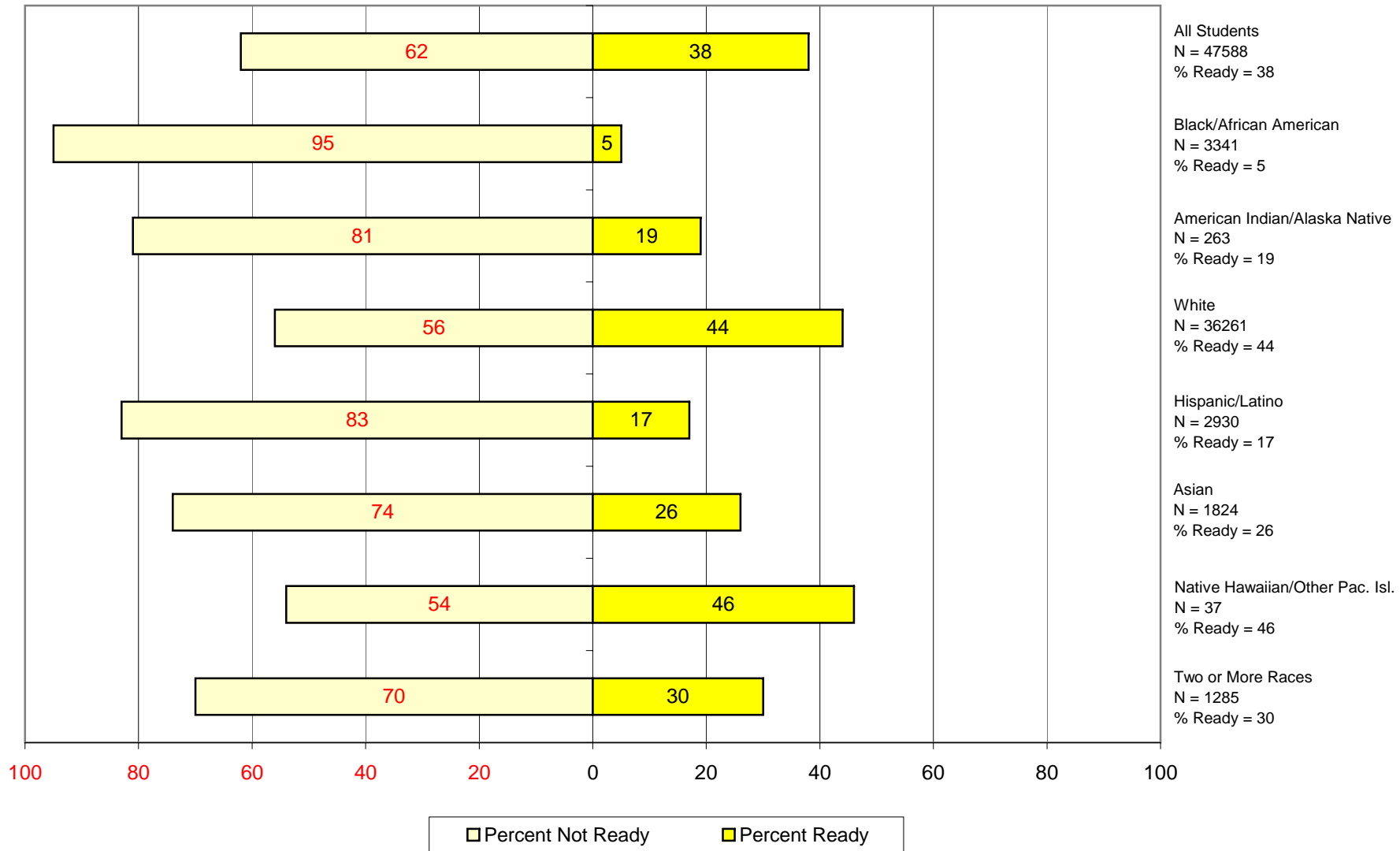


<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 47,588

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

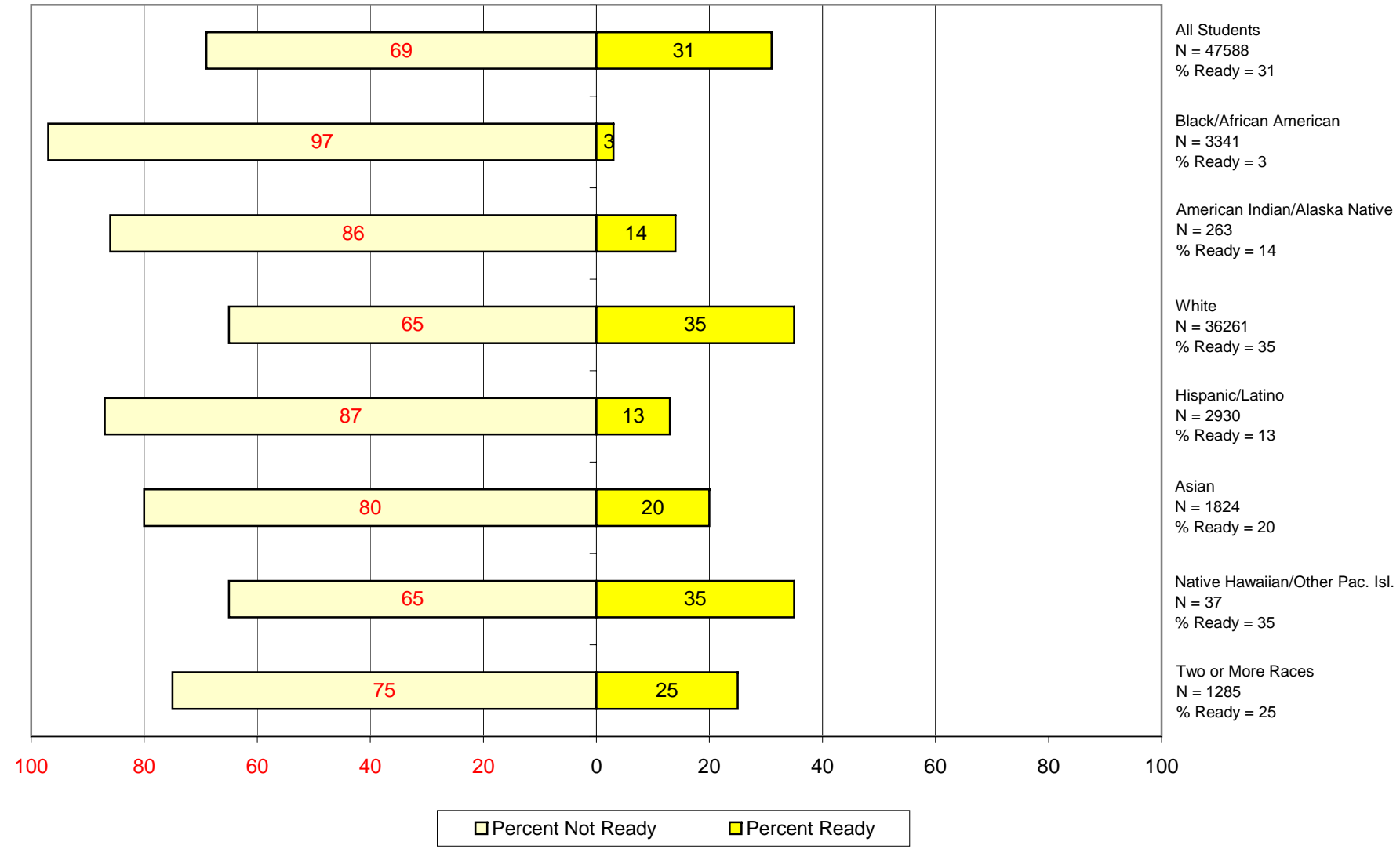
ACT Science Benchmark Score = **24**



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

Total Students in Report: 47,588

**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: 47,588

**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	16,450	35	22.4	5.0	6,555	30	21.9	4.9	9,891	38	22.7	4.9
Eng 9, Eng 10, Eng 11, Eng 12	28,772	60	21.5	4.1	14,021	65	21.3	4.3	14,733	57	21.7	3.9
Less than 4 years of English	1,631	3	17.4	-	782	4	17.0	-	841	3	17.8	-
Zero years / no English courses reported	735	2	13.6	-	374	2	13.3	-	322	1	14.1	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	3,025	6	24.4	7.4	1,459	7	25.2	7.9	1,566	6	23.7	6.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,825	12	22.3	5.3	2,280	10	22.9	5.6	3,542	14	21.9	5.1
Alg 1, Alg 2, Geom, & Trig	3,639	8	19.9	2.9	1,569	7	20.5	3.2	2,064	8	19.5	2.7
Alg 1, Alg 2, Geom, & Other Adv Math	6,879	14	21.1	4.1	2,663	12	21.6	4.3	4,215	16	20.7	3.9
Other comb of 4 or more years of Math	16,944	36	24.5	7.5	8,765	40	25.2	7.9	8,167	32	23.8	7.0
Alg 1, Alg 2, & Geom	6,080	13	18.3	1.3	2,526	12	18.8	1.5	3,551	14	18.0	1.2
Other comb of 3 or 3.5 years of Math	2,257	5	21.2	4.2	1,120	5	21.6	4.3	1,136	4	20.8	4.0
Less than 3 years of Math	2,137	4	17.0	-	947	4	17.3	-	1,186	5	16.8	-
Zero years / no Math courses reported	802	2	16.4	-	403	2	16.8	-	360	1	16.1	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,338	3	21.7	0.4	722	3	21.6	0.3	614	2	21.8	0.5
Other comb of 4 or more years Social Science	23,059	48	22.6	1.3	10,583	49	22.6	1.3	12,463	48	22.5	1.2
US Hist, World Hist, & Am Gov	2,205	5	20.2	-1.1	1,138	5	20.3	-1.0	1,065	4	20.1	-1.2
Other comb of 3 or 3.5 years of Social Science	14,399	30	22.5	1.2	6,274	29	22.5	1.2	8,122	31	22.6	1.3
Less than 3 years of Social Science	5,820	12	21.3	-	2,631	12	21.3	-	3,180	12	21.3	-
Zero years / no Social Science courses reported	767	2	15.4	-	384	2	15.1	-	343	1	15.8	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	22,749	48	23.2	3.6	11,295	52	23.9	4.3	11,443	44	22.5	3.0
Bio, Chem, Phys	4,229	9	24.4	4.8	2,099	10	25.2	5.6	2,128	8	23.5	4.0
Gen Sci <sup>2</sup> , Bio, Chem	14,330	30	21.0	1.4	5,277	24	21.2	1.6	9,042	35	20.8	1.3
Other comb of 3 years of Natural Science	1,127	2	21.2	1.6	703	3	21.8	2.2	422	2	20.3	0.8
Less than 3 years of Natural Science	4,374	9	19.6	-	1,970	9	19.6	-	2,401	9	19.5	-
Zero years / no Natural Science courses reported	779	2	16.2	-	388	2	16.5	-	351	1	16.2	-

<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: 47,588

**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	16,450	35	22.4	80	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	28,772	60	21.5	75	1,178,400	71	20.5	67
Less than 4 years of English	1,631	3	17.4	48	64,748	4	16.5	41
Zero years / no English courses reported	735	2	13.6	20	42,707	3	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	3,025	6	24.4	75	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,825	12	22.3	61	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	3,639	8	19.9	38	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	6,879	14	21.1	48	279,658	17	19.9	36
Other comb of 4 or more years of Math	16,944	36	24.5	75	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	6,080	13	18.3	19	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	2,257	5	21.2	48	82,509	5	19.9	35
Less than 3 years of Math	2,137	4	17.0	12	69,741	4	16.6	8
Zero years / no Math courses reported	802	2	16.4	11	45,508	3	18.2	22
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,338	3	21.7	56	47,179	3	22.3	59
Other comb of 4 or more years Social Science	23,059	48	22.6	62	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	2,205	5	20.2	46	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	14,399	30	22.5	62	452,172	27	21.2	51
Less than 3 years of Social Science	5,820	12	21.3	53	149,266	9	19.7	40
Zero years / no Social Science courses reported	767	2	15.4	14	45,093	3	17.8	29
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	22,749	48	23.2	47	740,499	44	21.9	39
Bio, Chem, Phys	4,229	9	24.4	57	171,734	10	23.0	47
Gen Sci <sup>1</sup> , Bio, Chem	14,330	30	21.0	26	466,992	28	20.0	22
Other comb of 3 years of Natural Science	1,127	2	21.2	31	45,992	3	19.5	20
Less than 3 years of Natural Science	4,374	9	19.6	18	194,661	12	18.4	13
Zero years / no Natural Science courses reported	779	2	16.2	7	46,139	3	17.9	14

<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: 47,588

**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	1,097	2	21.0	93	4	18.8	953	2	21.2
Architecture	587	1	22.1	27	1	16.5	527	1	22.6
Area, Ethnic, & Multidisciplinary Studies	67	0	23.2	1	0	14.0	62	0	23.8
Arts: Visual & Performing	3,021	6	21.4	180	8	17.7	2,654	6	21.7
Business	4,568	10	21.6	231	10	17.7	4,176	10	21.8
Communications	831	2	22.2	19	1	18.8	781	2	22.2
Community, Family, & Personal Services	1,141	2	19.0	166	7	17.5	930	2	19.3
Computer Science & Mathematics	1,205	3	23.3	92	4	19.3	1,050	3	23.6
Education	3,291	7	21.6	70	3	16.2	3,135	7	21.8
Engineering	2,930	6	24.3	94	4	17.4	2,725	6	24.6
Engineering Technology & Drafting	608	1	21.5	69	3	18.1	514	1	22.0
English & Foreign Languages	698	1	24.4	17	1	19.1	643	2	24.5
Health Administration & Assisting	1,380	3	19.2	151	6	17.7	1,170	3	19.4
Health Sciences & Technologies	8,587	18	22.2	373	16	18.1	7,943	19	22.4
Philosophy, Religion, & Theology	187	0	22.5	6	0	19.5	164	0	22.8
Repair, Production, & Construction	400	1	18.9	188	8	18.4	182	0	19.5
Sciences: Biological & Physical	3,058	6	24.5	31	1	18.7	2,904	7	24.5
Social Sciences & Law	3,813	8	22.0	93	4	17.9	3,541	8	22.1
Undecided	8,952	19	22.7	411	17	18.5	7,724	18	22.9
No Response	1,141	2	15.6	73	3	13.2	185	0	17.9

<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: 47,588

**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	550	17.9	80	13.6	3	15.0	358	19.4	52	14.6
2-yr College Degree	1,839	17.9	229	14.1	15	15.3	1,258	19.1	171	16.1
Bachelors Degree	27,308	21.4	1,537	16.0	142	19.4	21,798	22.1	1,498	19.0
Graduate Study	6,448	24.4	308	17.4	37	21.7	5,186	25.1	303	21.3
Prof. Level Degree	8,226	24.4	635	17.7	40	22.3	5,904	25.4	547	21.5
Other	565	19.1	67	15.6	4	19.5	360	20.2	53	16.3
No Response	2,652	20.2	485	14.5	22	16.8	1,397	23.2	306	16.6

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	550	17.9	25	17.4	0	.	12	16.4	20	18.5
2-yr College Degree	1,839	17.9	77	15.5	0	.	39	17.9	50	16.5
Bachelors Degree	27,308	21.4	948	18.7	20	19.7	677	20.5	688	21.8
Graduate Study	6,448	24.4	176	22.7	7	27.3	190	23.2	241	24.8
Prof. Level Degree	8,226	24.4	445	23.9	8	25.1	285	23.1	362	24.9
Other	565	19.1	32	17.1	0	.	15	20.5	34	20.6
No Response	2,652	20.2	121	18.8	2	19.5	67	19.4	252	19.8

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

Total Students in Report: 47,588

**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
UNIV OF WISCONSIN-MADISON	Wisconsin	9,598	4,584	5,014	1	3	8	24	36	25	3
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	7,272	2,154	5,118	3	10	24	34	21	7	0
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	5,705	1,329	4,376	0	2	14	38	34	12	1
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	4,952	1,245	3,707	1	6	26	41	21	6	0
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	4,910	1,338	3,572	2	8	24	37	22	6	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	4,902	1,274	3,628	0	2	16	39	31	11	1
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	4,332	1,277	3,055	0	4	22	40	26	8	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	4,089	925	3,164	0	1	7	24	39	26	3
MARQUETTE UNIVERSITY	Wisconsin	3,516	882	2,634	3	9	13	25	31	18	2
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	3,328	771	2,557	1	6	24	40	24	6	0
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	2,728	815	1,913	1	4	21	36	27	11	1
UNIV OF WISCONSIN-STOUT	Wisconsin	2,133	532	1,601	0	5	27	40	22	6	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	1,392	451	941	4	16	31	32	13	4	0
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,372	421	951	1	4	25	39	24	6	1
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	1,265	491	774	16	31	29	18	5	1	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,191	325	866	2	6	10	24	33	21	2
WINONA STATE UNIVERSITY	Minnesota	1,172	333	839	0	2	23	43	23	8	0
CARROLL UNIVERSITY	Wisconsin	1,137	346	791	1	5	21	36	27	9	1
MADISON AREA TECHNICAL COLLEGE	Wisconsin	945	313	632	4	13	31	32	16	4	0
CARTHAGE COLLEGE	Wisconsin	883	232	651	1	5	21	34	27	12	0
SAINT NORBERT COLLEGE	Wisconsin	829	235	594	0	2	15	34	34	13	2
CONCORDIA UNIVERSITY-WI	Wisconsin	798	236	562	1	7	16	35	28	12	1
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	759	170	589	0	2	18	37	32	10	1
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	734	200	534	3	10	31	36	15	4	0
EDGEWOOD COLLEGE	Wisconsin	663	210	453	1	5	21	40	25	7	0
ALVERNO COLLEGE	Wisconsin	625	219	406	11	30	32	18	7	2	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	543	182	361	1	12	39	36	10	3	0
MILWAUKEE INSTITUTE OF ART AND DESIGN	Wisconsin	519	145	374	8	14	26	29	19	5	0
UNIV OF WISCONSIN-FOX VALLEY	Wisconsin	513	166	347	1	7	29	40	15	7	0
UNIV OF WISCONSIN-SUPERIOR	Wisconsin	511	136	375	1	4	26	41	21	6	0
All Other Institutions		33,307	9,556	23,751	3	10	20	27	22	16	3
<b>Total</b>		<b>106,623</b>	<b>31,493</b>	<b>75,130</b>	<b>2</b>	<b>7</b>	<b>19</b>	<b>32</b>	<b>25</b>	<b>13</b>	<b>2</b>

# 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: 47,588

**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>25,755</b>	<b>931,148</b>	<b>23.4</b>	<b>21.5</b>	<b>7.3</b>	<b>7.1</b>	<b>22.3</b>	<b>20.7</b>
Black/African American	1,174	113,247	17.3	16.6	6.4	6.2	17.1	16.4
American Indian/Alaska Native	128	5,233	19.9	17.8	6.6	6.5	19.2	17.5
White	20,201	518,974	24.1	23.2	7.3	7.2	22.9	22.1
Hispanic/Latino	1,452	150,249	20.3	18.5	7.0	6.8	19.9	18.3
Asian	1,111	53,381	20.6	23.7	7.1	7.6	20.2	22.8
Native Hawaiian/Other Pac. Isl.	26	2,851	22.9	19.9	7.3	7.1	22.0	19.6
Two or more races	738	32,346	22.5	21.9	7.1	7.1	21.5	21.1
Prefer not/No Response	925	54,867	24.8	21.8	7.4	7.1	23.4	21.0
Males	11,459	413,617	23.1	21.2	7.0	6.8	21.9	20.3
Females	14,293	515,745	23.6	21.7	7.4	7.2	22.6	21.1
Missing	3	1,786	18.0	16.8	4.7	6.3	16.0	16.6

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





