

# ACT Profile Report - State

Graduating Class 2012  
Alabama



ACT, INC. -- CONFIDENTIAL



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## Table of Contents

<b>Section I: Executive Summary</b>	<b>Page 5</b>
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	
<b>Section II: Academic Achievement</b>	<b>Page 11</b>
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	
<b>Section III: College Readiness &amp; Impact of Course Rigor</b>	<b>Page 17</b>
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	
<b>Section IV: Career and Educational Aspirations</b>	<b>Page 25</b>
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	
<b>Section V: Optional Writing Test Results</b>	<b>Page 29</b>
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

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

18% 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:** 39,565 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. 78% 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, 4% were college ready. 11% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 6% of these students were college ready. In comparison, 39% 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 16% of the cohort took less than three years of natural science courses. 9% of these students were college ready. In comparison, 26% 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 59% 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 404-231-1952.

# Section I

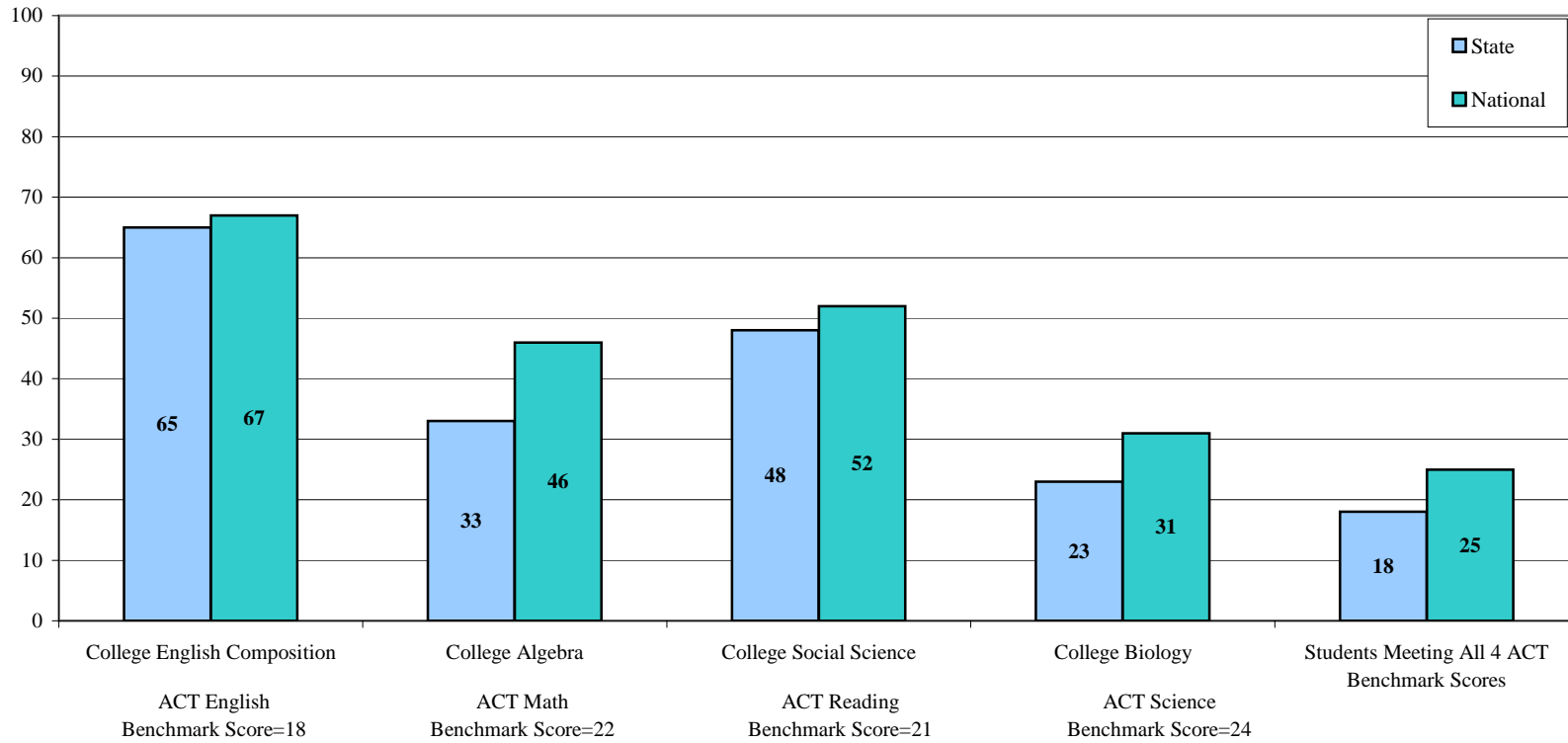
## Executive Summary

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: 39,565

**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: 39,565

**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	35,590	1,421,941	68	68	30	43	48	53	21	28	16	22
2009	35,809	1,480,469	67	67	29	42	47	53	21	28	16	23
2010	36,624	1,568,835	66	66	31	43	47	52	23	29	18	24
2011	37,800	1,623,112	65	66	32	45	48	52	22	30	18	25
<b>2012</b>	<b>39,565</b>	<b>1,666,017</b>	<b>65</b>	<b>67</b>	<b>33</b>	<b>46</b>	<b>48</b>	<b>52</b>	<b>23</b>	<b>31</b>	<b>18</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	35,590	1,421,941	20.6	20.6	19.5	21.0	20.8	21.4	20.1	20.8	20.4	21.1
2009	35,809	1,480,469	20.5	20.6	19.5	21.0	20.7	21.4	20.1	20.9	20.3	21.1
2010	36,624	1,568,835	20.4	20.5	19.5	21.0	20.7	21.3	20.2	20.9	20.3	21.0
2011	37,800	1,623,112	20.4	20.6	19.6	21.1	20.7	21.3	20.1	20.9	20.3	21.1
<b>2012</b>	<b>39,565</b>	<b>1,666,017</b>	<b>20.3</b>	<b>20.5</b>	<b>19.6</b>	<b>21.1</b>	<b>20.7</b>	<b>21.3</b>	<b>20.1</b>	<b>20.9</b>	<b>20.3</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: 39,565

**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	23,336	10,408	66	29	21.6	18.3	20.3	17.8	21.6	19.0	20.8	18.5	21.2	18.5
2009	25,919	9,442	72	26	21.5	17.9	20.2	17.5	21.6	18.6	20.8	18.3	21.2	18.2
2010	27,250	9,030	74	25	21.5	17.4	20.3	17.3	21.5	18.4	20.9	18.1	21.2	17.9
2011	28,750	8,802	76	23	21.4	17.6	20.3	17.4	21.5	18.5	20.8	18.0	21.1	18.0
<b>2012</b>	<b>30,732</b>	<b>8,657</b>	<b>78</b>	<b>22</b>	<b>21.2</b>	<b>17.4</b>	<b>20.3</b>	<b>17.4</b>	<b>21.3</b>	<b>18.4</b>	<b>20.6</b>	<b>18.0</b>	<b>21.0</b>	<b>17.9</b>

<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

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

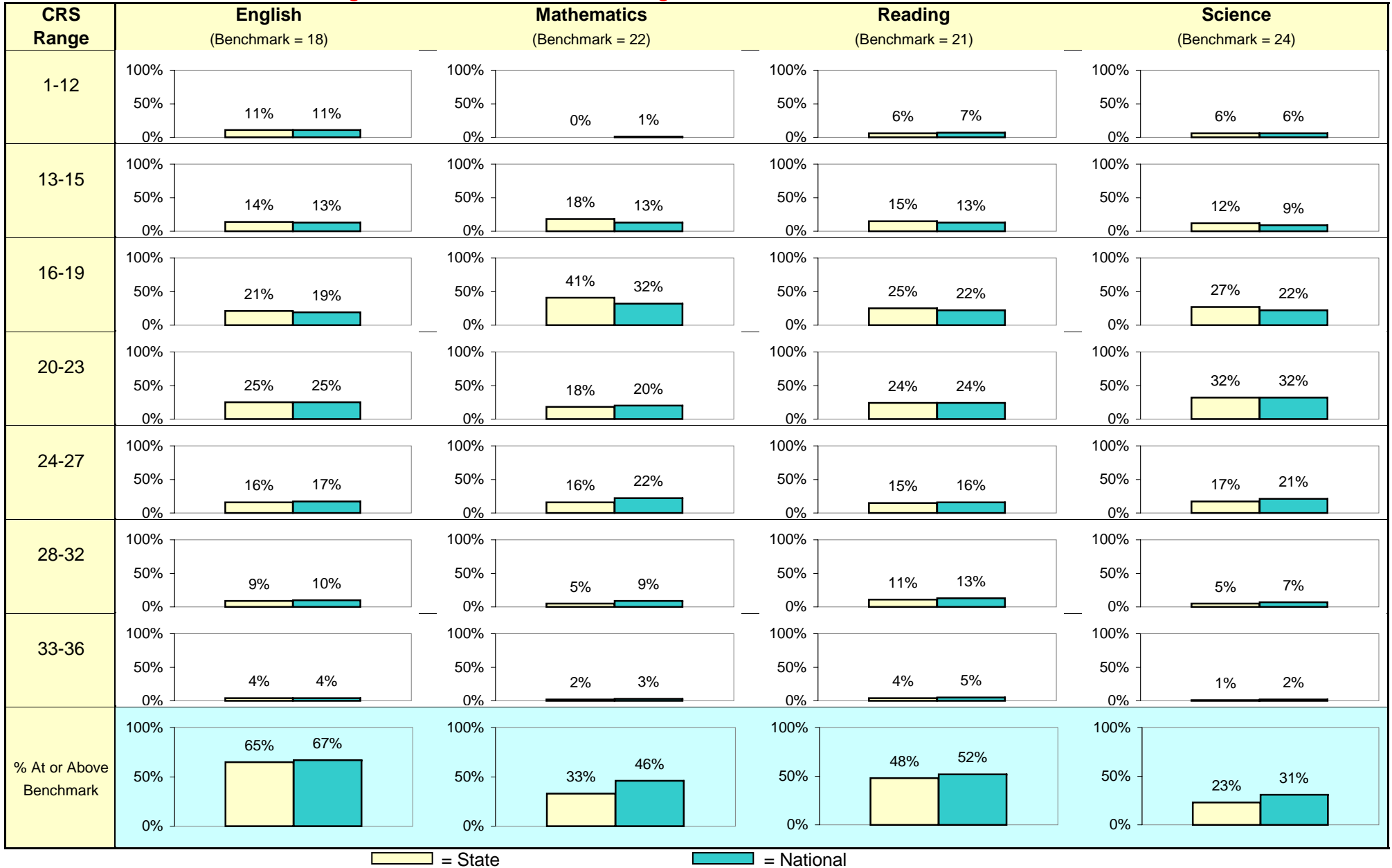
**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity<sup>1</sup>**

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>35,590</b>	<b>100</b>	<b>20.4</b>	<b>35,809</b>	<b>100</b>	<b>20.3</b>	<b>36,624</b>	<b>100</b>	<b>20.3</b>	<b>37,800</b>	<b>100</b>	<b>20.3</b>	<b>39,565</b>	<b>100</b>	<b>20.3</b>
Black/African American	9,349	26	17.2	9,858	28	17.2	10,247	28	17.1	10,824	29	17.2	11,166	28	17.1
American Indian/Alaska Native	330	1	20.5	315	1	20.2	329	1	20.6	305	1	20.5	281	1	19.8
White	23,054	65	21.5	23,381	65	21.6	23,516	64	21.7	23,749	63	21.7	24,540	62	21.7
Hispanic/Latino	518	1	20.3	509	1	20.6	623	2	20.0	949	3	19.9	1,150	3	19.8
Asian	497	1	23.0	493	1	23.7	569	2	24.0	521	1	23.5	597	2	23.5
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	21	0	19.9	19	0	20.3
Two or more races	368	1	20.8	446	1	20.5	515	1	20.6	669	2	20.7	993	3	20.8
Prefer not to respond/No response	1,474	4	21.5	807	2	20.9	825	2	20.7	762	2	20.8	819	2	21.3

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

Total Students in Report: 39,565

**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: 39,565

**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	108	100	66	100	201	100	102	100	12	100	36
35	503	100	155	100	282	99	123	100	55	100	35
34	552	98	176	99	415	99	94	99	176	100	34
33	540	97	245	99	584	98	126	99	245	99	33
32	611	96	232	98	727	96	253	99	336	99	32
31	647	94	220	98	918	94	328	98	499	98	31
30	890	93	307	97	856	92	405	97	743	97	30
29	749	90	490	96	884	90	429	96	739	95	29
28	733	88	690	95	973	88	607	95	973	93	28
27	1,236	87	1,076	93	1,100	85	1,146	94	1,147	90	27
26	1,319	83	1,518	91	1,215	82	1,072	91	1,373	88	26
25	1,491	80	1,718	87	1,296	79	1,698	88	1,654	84	25
24	2,349	76	2,188	83	2,258	76	2,793	84	1,922	80	24
23	1,903	70	1,990	77	1,885	70	2,424	77	2,138	75	23
22	2,251	66	1,890	72	2,108	66	2,807	71	2,582	70	22
21	2,994	60	1,171	67	3,100	60	3,494	64	2,792	63	21
20	2,639	52	2,020	64	2,448	52	3,933	55	2,999	56	20
19	2,374	46	2,342	59	2,273	46	2,706	45	3,072	48	19
18	1,832	40	3,110	53	3,291	41	3,658	38	3,372	41	18
17	1,823	35	4,229	45	2,296	32	2,319	29	3,087	32	17
16	2,318	30	6,377	35	2,161	26	2,020	23	2,827	24	16
15	2,455	25	4,933	19	2,230	21	1,775	18	2,413	17	15
14	1,907	18	1,610	6	2,026	15	1,501	13	2,035	11	14
13	1,155	13	621	2	1,496	10	1,400	9	1,344	6	13
12	1,064	11	135	1	1,405	6	931	6	737	3	12
11	1,084	8	40	1	619	3	618	4	239	1	11
10	948	5	10	1	303	1	500	2	38	1	10
9	465	3	4	1	127	1	197	1	11	1	9
8	427	2	1	1	37	1	59	1	4	1	8
7	139	1	1	1	32	1	32	1	1	1	7
6	40	1	0	1	11	1	4	1	0	1	6
5	10	1	0	1	7	1	4	1	0	1	5
4	6	1	0	1	1	1	5	1	0	1	4
3	2	1	0	1	0	1	2	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	1	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.3 (6.3)		19.6 (4.7)		20.7 (5.9)		20.1 (4.9)		20.3 (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: 39,565

**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	1,456	100	427	100	742	100	944	100	1,053	100	213	100	237	100	18
17	1,787	96	559	99	1,578	98	1,440	98	1,113	97	151	99	52	99	17
16	1,712	92	2,063	98	1,945	94	1,870	94	558	95	637	99	753	99	16
15	1,377	87	1,993	92	1,634	89	2,133	89	1,520	93	854	97	1,271	97	15
14	2,281	84	2,455	87	2,133	85	2,457	84	1,858	89	2,095	95	2,143	94	14
13	1,673	78	3,030	81	2,994	80	2,723	78	3,245	85	3,403	90	2,315	89	13
12	2,981	74	3,990	73	4,070	72	3,287	71	3,379	76	3,031	81	4,241	83	12
11	3,906	66	4,377	63	3,383	62	3,191	62	3,368	68	5,192	74	3,716	72	11
10	4,494	57	3,710	52	4,181	53	4,025	54	3,687	59	6,278	61	5,551	63	10
9	3,988	45	5,129	43	4,405	43	3,930	44	3,114	50	6,499	45	5,504	49	9
8	3,373	35	3,724	30	3,890	32	4,003	34	5,561	42	5,645	28	5,031	35	8
7	3,445	27	2,923	20	4,565	22	2,773	24	6,438	28	2,443	14	3,939	22	7
6	2,768	18	1,899	13	2,139	10	3,257	17	2,825	12	1,233	8	2,649	12	6
5	1,889	11	1,656	8	1,066	5	2,020	9	1,100	5	1,110	5	351	5	5
4	1,216	6	1,142	4	556	2	880	4	494	2	261	2	1,263	5	4
3	861	3	398	1	197	1	496	2	198	1	330	1	63	1	3
2	333	1	84	1	73	1	124	1	51	1	34	1	374	1	2
1	25	1	6	1	14	1	12	1	3	1	156	1	112	1	1
Avg (SD)	10.2 (3.9)		10.3 (3.4)		10.5 (3.4)		10.4 (3.7)		10.0 (3.3)		10.0 (2.7)		9.7 (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)	24	23	24	23	23
Q2 (50th Percentile)	20	18	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

Total Students in Report: 39,565

**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>39,565</b>	<b>78</b>	<b>21.0</b>	<b>17.9</b>
	Black/African American	11,166	72	17.5	16.0
	American Indian/Alaska Native	281	77	20.4	17.7
	White	24,540	80	22.3	19.0
	Hispanic/Latino	1,150	77	20.6	17.3
	Asian	597	80	24.1	20.8
	Native Hawaiian/Other Pac. Isl.	19	95	20.6	15.0
	Two or more races	993	79	21.2	19.5
	Prefer not/No Response	819	79	22.0	18.9
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>	20.3	19.6	20.7	20.1	20.3
	Black/African American	16.4	16.9	17.3	17.3	17.1
	American Indian/Alaska Native	19.3	19.2	20.4	19.8	19.8
	White	22.1	20.7	22.1	21.2	21.7
	Hispanic/Latino	19.4	19.4	20.2	19.7	19.8
	Asian	22.9	24.7	22.5	23.2	23.5
	Native Hawaiian/Other Pac. Isl.	19.6	20.9	20.4	19.7	20.3
	Two or more races	20.9	19.9	21.6	20.5	20.8
	Prefer not/No Response	21.6	20.6	21.7	20.9	21.3
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: 39,565

**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	1,703	4	642	2	1,482	4	445	1
	28 to 32	3,630	9	1,939	5	4,358	11	2,022	5
	24 to 27	6,395	16	6,500	16	5,869	15	6,709	17
	20 to 23	9,787	25	7,071	18	9,541	24	12,658	32
	16 to 19	8,347	21	16,058	41	10,021	25	10,703	27
	13 to 15	5,517	14	7,164	18	5,752	15	4,676	12
	01 to 12	4,186	11	191	0	2,542	6	2,352	6
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	18,019	46	20.1	20.2	20.7	20.6	20.5
	Females	21,542	54	20.6	19.2	20.6	19.6	20.1
	Missing	4	0	18.0	17.0	19.0	16.0	17.8
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	63	37	48	28	22
	Females	66	29	48	19	15
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 39,565

**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>	30,732	71	21.2	38	20.3	52	21.3	27	20.6	22	21.0
	Less than Core	8,657	45	17.4	14	17.4	31	18.4	10	18.0	7	17.9
	Missing <sup>3</sup>	176	39	16.8	10	17.1	24	17.5	7	17.2	6	17.3
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>	38,965	65	20.4	37,002	35	19.9	37,707	48	20.8	32,922	26	20.5
	Less than Core	462	45	17.1	2,411	4	16.0	1,712	34	18.9	6,496	9	17.9
	Missing <sup>3</sup>	138	41	17.1	152	10	17.0	146	27	18.1	147	8	17.4
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.

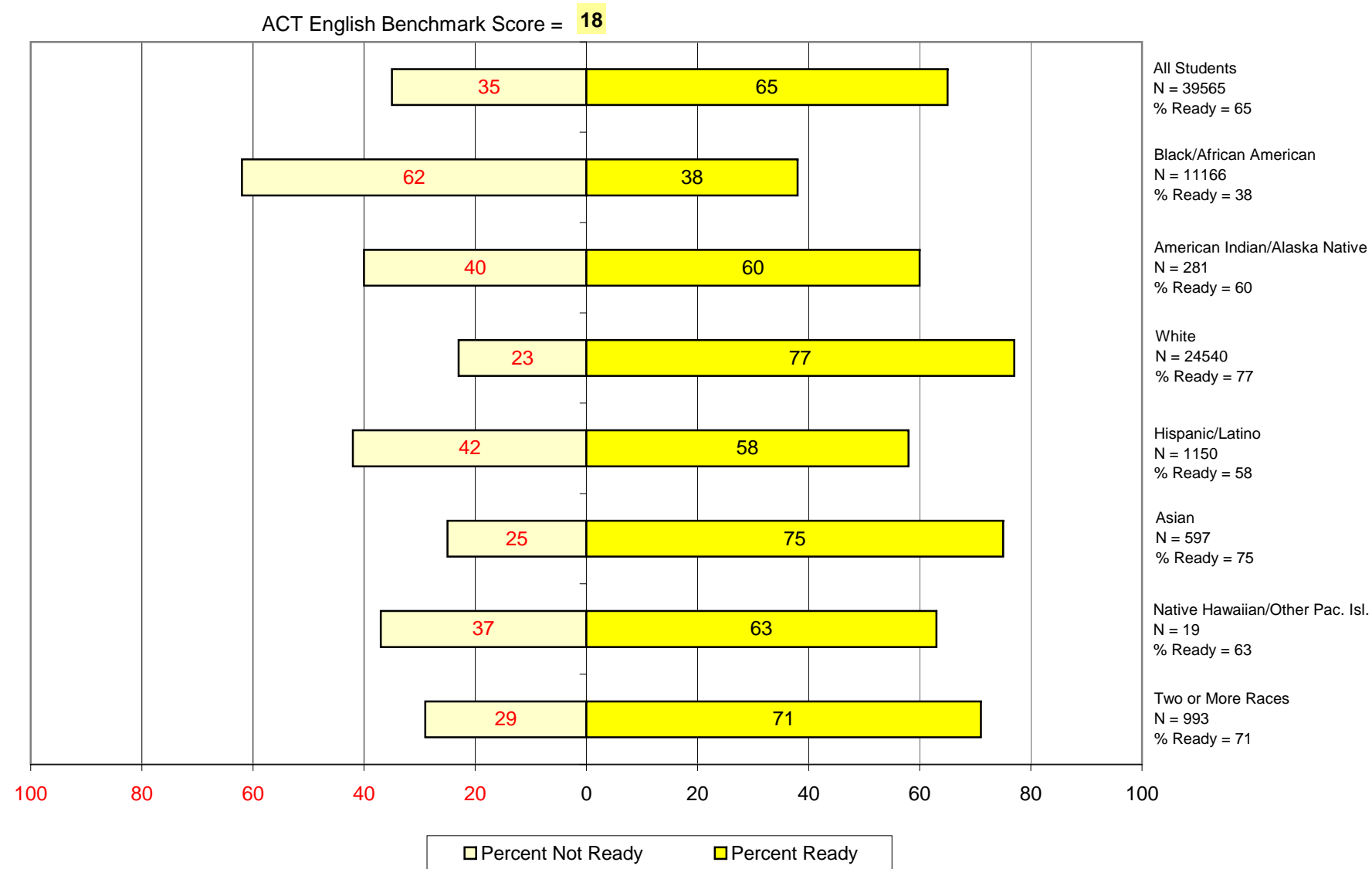
# Section III

## 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.

Total Students in Report: 39,565

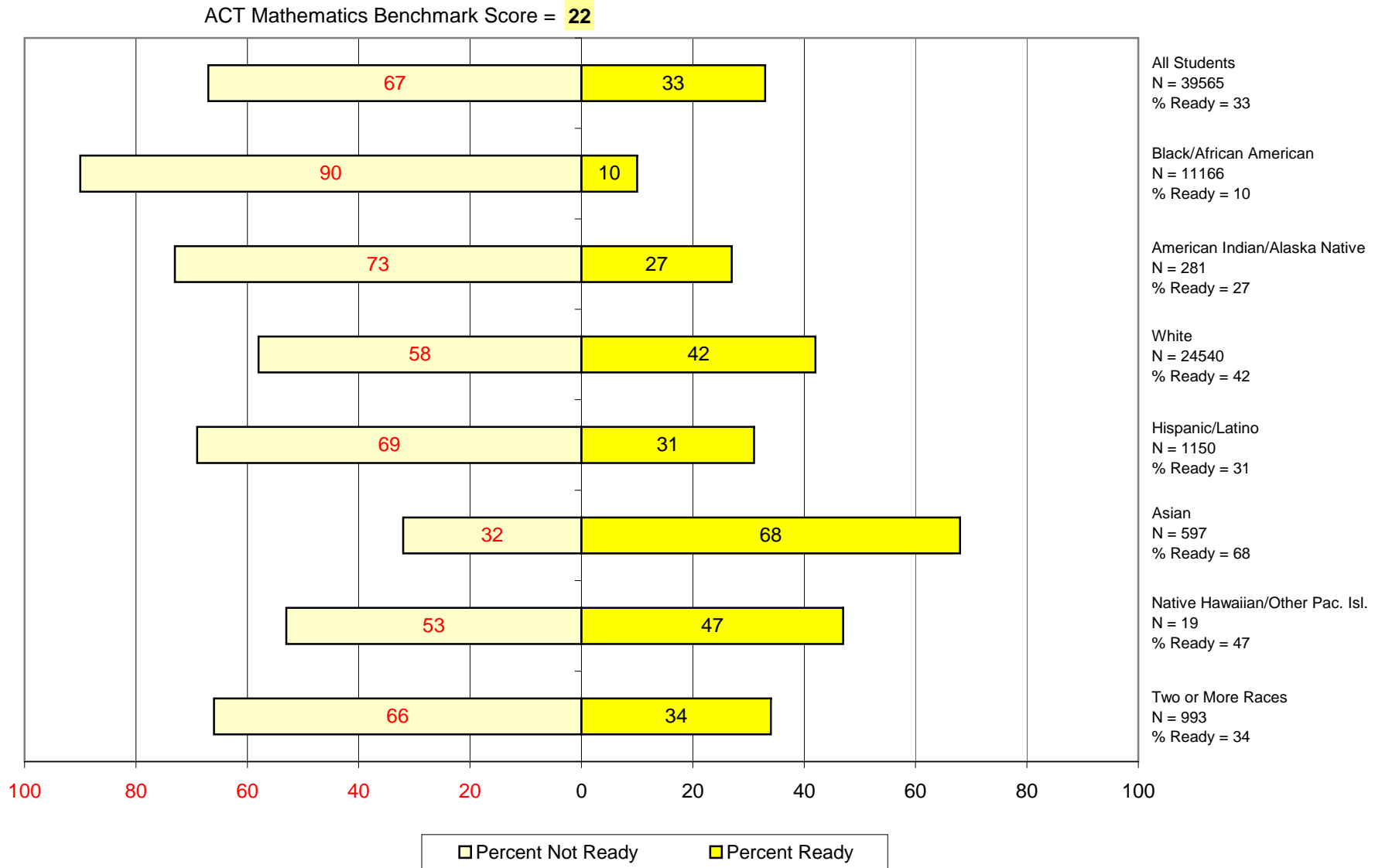
**Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ENGLISH**



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

Total Students in Report: 39,565

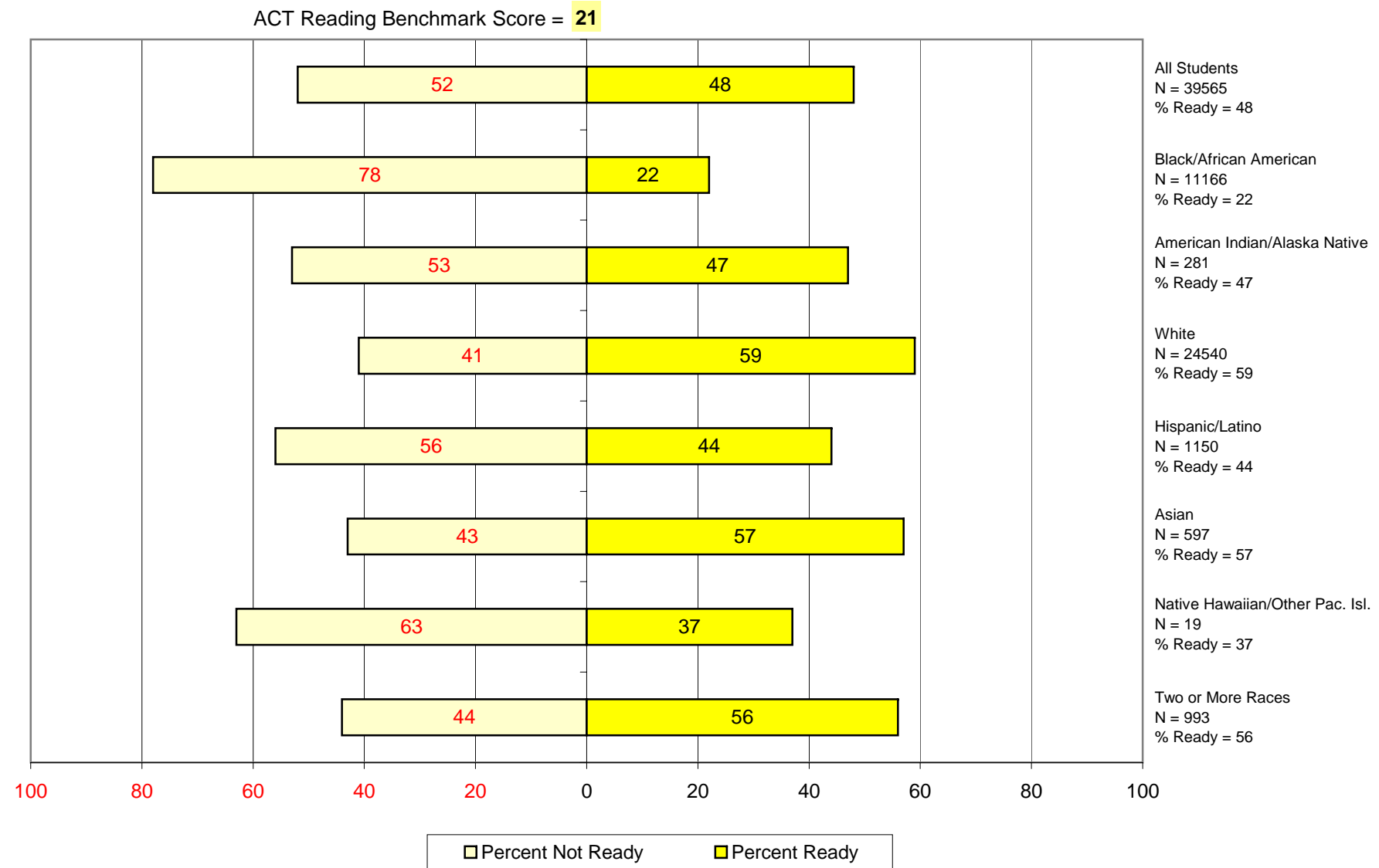
**Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: MATHEMATICS**



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

Total Students in Report: 39,565

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

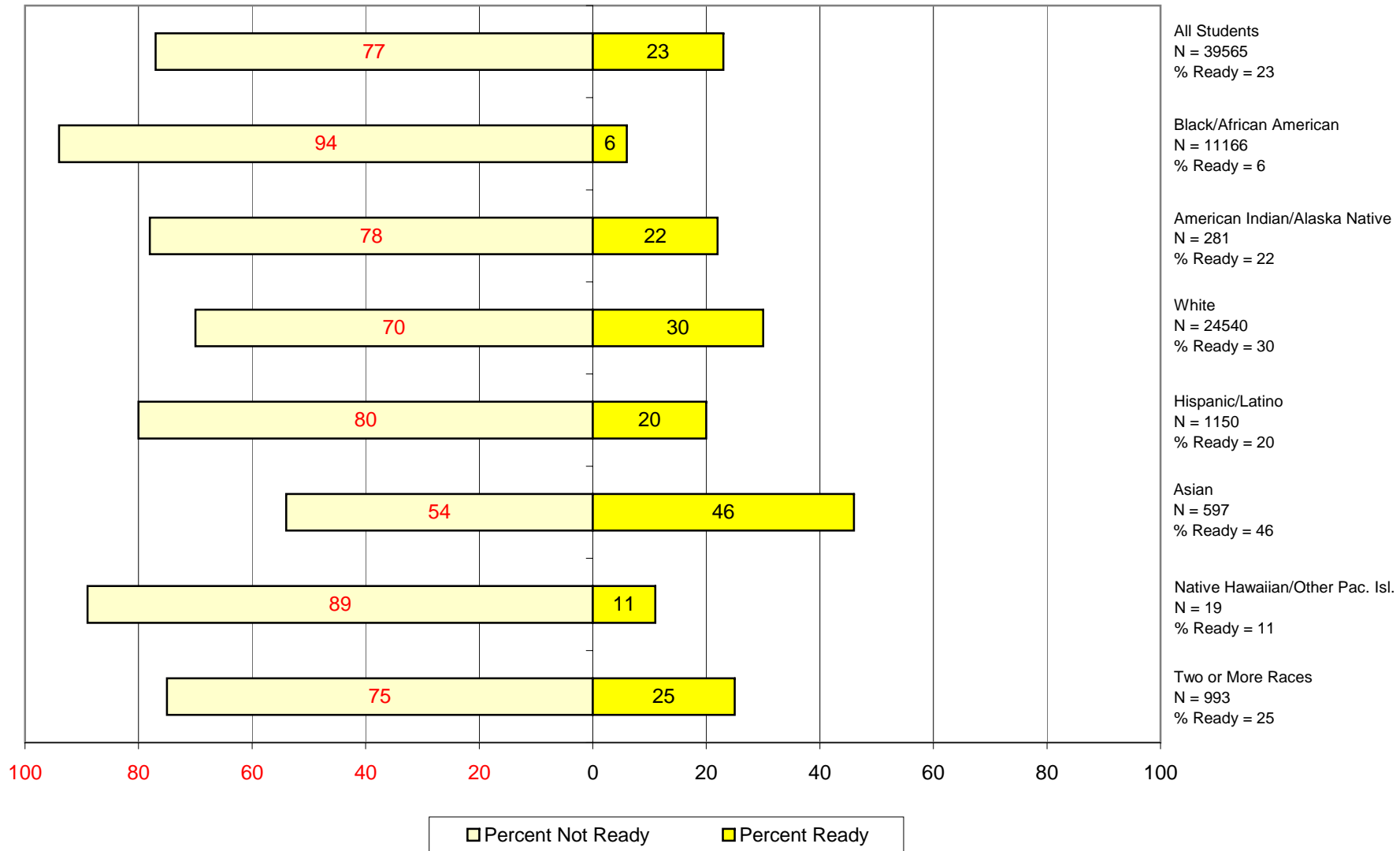


<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 39,565

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

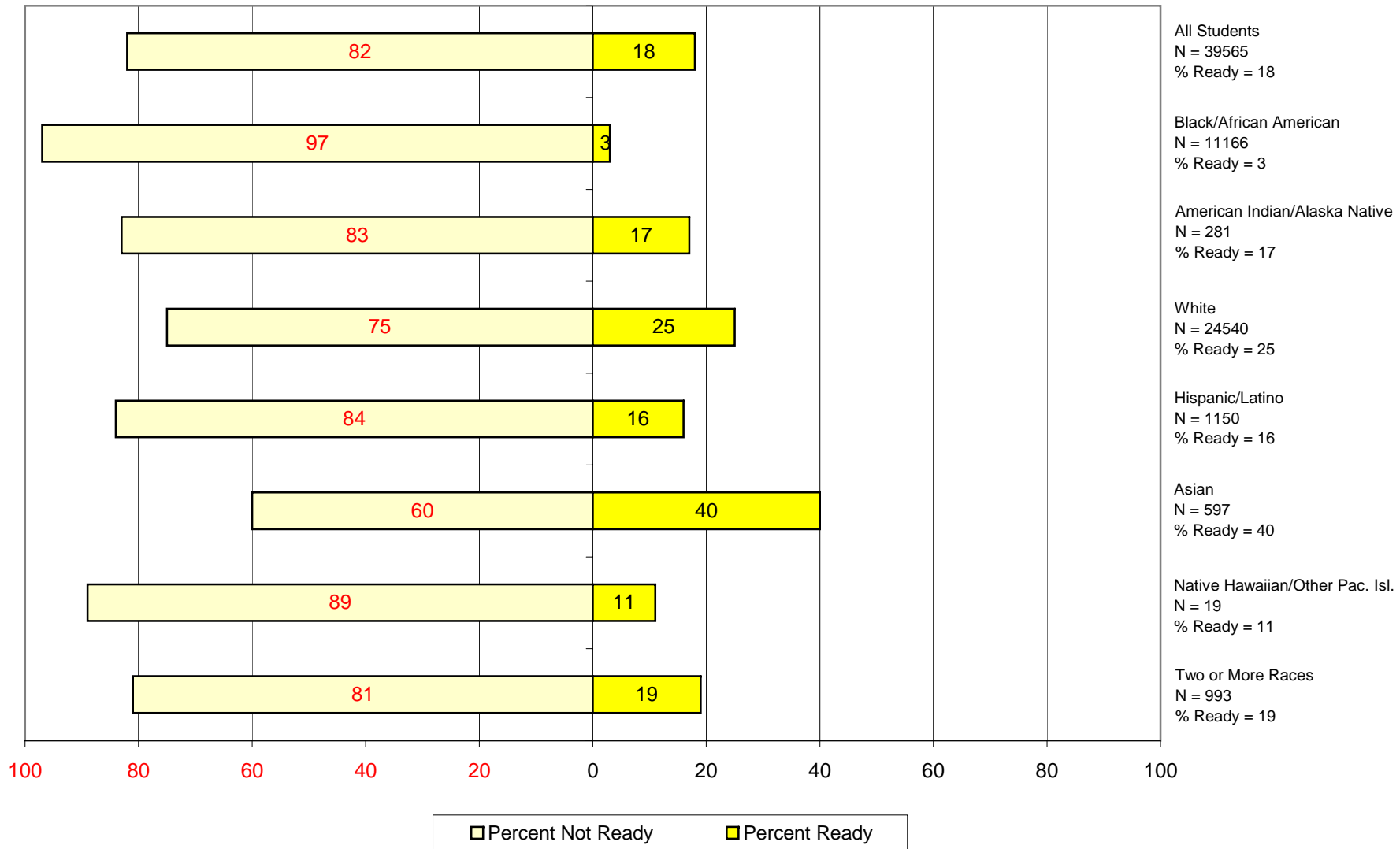
ACT Science Benchmark Score = **24**



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

Total Students in Report: 39,565

**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: 39,565

**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	8,433	21	20.8	3.7	3,690	20	20.6	3.2	4,743	22	21.0	4.1
Eng 9, Eng 10, Eng 11, Eng 12	30,532	77	20.3	3.2	14,014	78	20.0	2.6	16,514	77	20.5	3.6
Less than 4 years of English	462	1	17.1	-	231	1	17.4	-	231	1	16.9	-
Zero years / no English courses reported	138	0	17.1	-	84	0	16.8	-	54	0	17.5	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	2,964	7	20.8	4.8	1,288	7	21.8	5.5	1,676	8	20.1	4.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,377	14	20.2	4.2	2,021	11	20.8	4.5	3,356	16	19.9	4.1
Alg 1, Alg 2, Geom, & Trig	3,608	9	18.0	2.0	1,588	9	18.6	2.3	2,020	9	17.6	1.8
Alg 1, Alg 2, Geom, & Other Adv Math	2,893	7	18.2	2.2	1,244	7	18.4	2.1	1,649	8	18.1	2.3
Other comb of 4 or more years of Math	16,203	41	21.4	5.4	7,846	44	22.0	5.7	8,356	39	20.7	4.9
Alg 1, Alg 2, & Geom	4,308	11	16.6	0.6	2,003	11	16.9	0.6	2,304	11	16.3	0.5
Other comb of 3 or 3.5 years of Math	1,649	4	17.9	1.9	814	5	18.2	1.9	833	4	17.7	1.9
Less than 3 years of Math	2,411	6	16.0	-	1,125	6	16.3	-	1,286	6	15.8	-
Zero years / no Math courses reported	152	0	17.0	-	90	0	17.1	-	62	0	17.0	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	875	2	20.1	1.2	446	2	20.1	1.4	429	2	20.0	0.9
Other comb of 4 or more years Social Science	25,579	65	21.2	2.3	11,517	64	21.3	2.6	14,061	65	21.1	2.0
US Hist, World Hist, & Am Gov	1,169	3	18.9	0.0	557	3	19.1	0.4	612	3	18.8	-0.3
Other comb of 3 or 3.5 years of Social Science	10,084	25	20.0	1.1	4,556	25	20.1	1.4	5,526	26	20.0	0.9
Less than 3 years of Social Science	1,712	4	18.9	-	853	5	18.7	-	858	4	19.1	-
Zero years / no Social Science courses reported	146	0	18.1	-	90	0	17.9	-	56	0	18.3	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	18,556	47	20.8	2.9	8,966	50	21.5	3.5	9,588	45	20.0	2.3
Bio, Chem, Phys	2,060	5	23.2	5.3	930	5	24.4	6.4	1,130	5	22.2	4.5
Gen Sci <sup>2</sup> , Bio, Chem	10,971	28	19.9	2.0	4,506	25	20.1	2.1	6,464	30	19.8	2.1
Other comb of 3 years of Natural Science	1,335	3	17.4	-0.5	654	4	18.1	0.1	681	3	16.8	-0.9
Less than 3 years of Natural Science	6,496	16	17.9	-	2,874	16	18.0	-	3,621	17	17.7	-
Zero years / no Natural Science courses reported	147	0	17.4	-	89	0	17.7	-	58	0	16.9	-

<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: 39,565

**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	8,433	21	20.8	67	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	30,532	77	20.3	65	1,178,400	71	20.5	67
Less than 4 years of English	462	1	17.1	45	64,748	4	16.5	41
Zero years / no English courses reported	138	0	17.1	41	42,707	3	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	2,964	7	20.8	43	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,377	14	20.2	39	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	3,608	9	18.0	18	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	2,893	7	18.2	21	279,658	17	19.9	36
Other comb of 4 or more years of Math	16,203	41	21.4	48	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	4,308	11	16.6	6	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,649	4	17.9	18	82,509	5	19.9	35
Less than 3 years of Math	2,411	6	16.0	4	69,741	4	16.6	8
Zero years / no Math courses reported	152	0	17.0	10	45,508	3	18.2	22
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	875	2	20.1	43	47,179	3	22.3	59
Other comb of 4 or more years Social Science	25,579	65	21.2	51	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	1,169	3	18.9	34	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	10,084	25	20.0	43	452,172	27	21.2	51
Less than 3 years of Social Science	1,712	4	18.9	34	149,266	9	19.7	40
Zero years / no Social Science courses reported	146	0	18.1	27	45,093	3	17.8	29
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	18,556	47	20.8	28	740,499	44	21.9	39
Bio, Chem, Phys	2,060	5	23.2	47	171,734	10	23.0	47
Gen Sci <sup>1</sup> , Bio, Chem	10,971	28	19.9	21	466,992	28	20.0	22
Other comb of 3 years of Natural Science	1,335	3	17.4	8	45,992	3	19.5	20
Less than 3 years of Natural Science	6,496	16	17.9	9	194,661	12	18.4	13
Zero years / no Natural Science courses reported	147	0	17.4	8	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: 39,565

**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	678	2	18.8	68	3	16.5	578	2	19.2
Architecture	463	1	20.7	13	1	16.2	425	1	20.9
Area, Ethnic, & Multidisciplinary Studies	45	0	24.5	0	0	.	41	0	24.7
Arts: Visual & Performing	2,219	6	20.3	127	5	16.5	1,963	6	20.6
Business	3,158	8	19.4	276	12	16.0	2,736	8	19.8
Communications	728	2	20.6	24	1	15.9	677	2	20.9
Community, Family, & Personal Services	931	2	18.0	109	5	15.7	769	2	18.4
Computer Science & Mathematics	995	3	21.1	61	3	17.2	882	3	21.5
Education	2,634	7	19.7	91	4	16.0	2,438	7	19.8
Engineering	2,938	7	21.9	133	6	16.0	2,677	8	22.2
Engineering Technology & Drafting	804	2	20.3	79	3	16.5	699	2	20.8
English & Foreign Languages	348	1	23.5	10	0	16.4	325	1	23.7
Health Administration & Assisting	2,239	6	17.6	220	9	15.6	1,899	5	17.9
Health Sciences & Technologies	9,003	23	20.4	462	19	16.9	8,277	24	20.6
Philosophy, Religion, & Theology	222	1	21.6	4	0	17.8	201	1	21.7
Repair, Production, & Construction	416	1	16.8	189	8	16.0	196	1	17.8
Sciences: Biological & Physical	2,031	5	22.4	24	1	16.3	1,940	6	22.5
Social Sciences & Law	2,576	7	20.4	55	2	16.5	2,428	7	20.6
Undecided	6,880	17	20.7	416	17	16.4	5,813	17	21.2
No Response	257	1	17.1	22	1	15.2	98	0	18.8

<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: 39,565

**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	604	16.1	249	14.6	2	17.0	298	17.2	23	15.5
2-yr College Degree	1,779	16.4	536	14.8	17	17.1	1,106	17.1	57	15.9
Bachelors Degree	20,778	19.4	6,059	16.6	157	18.7	12,925	20.7	590	18.8
Graduate Study	5,204	22.7	986	18.3	21	22.2	3,734	23.8	135	22.0
Prof. Level Degree	9,080	22.4	2,753	18.8	70	22.7	5,208	24.1	279	22.5
Other	684	17.1	275	15.2	6	15.7	330	18.5	23	16.0
No Response	1,436	20.0	308	16.0	8	20.3	939	21.2	43	18.7

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	604	16.1	7	19.4	0	.	14	15.8	11	17.8
2-yr College Degree	1,779	16.4	10	14.9	0	.	28	18.2	25	17.6
Bachelors Degree	20,778	19.4	209	20.8	11	17.8	483	19.8	344	19.6
Graduate Study	5,204	22.7	79	25.4	3	22.7	122	23.3	124	23.0
Prof. Level Degree	9,080	22.4	245	26.0	5	24.4	291	22.4	229	23.7
Other	684	17.1	16	18.0	0	.	23	17.9	11	21.4
No Response	1,436	20.0	31	22.7	0	.	32	20.3	75	20.8

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

Total Students in Report: 39,565

**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
UNIVERSITY OF ALABAMA	Alabama	10,633	4,168	6,465	1	6	23	32	23	13	1
AUBURN UNIVERSITY	Alabama	9,331	4,159	5,172	1	5	19	31	26	16	2
UNIVERSITY OF ALABAMA IN BIRMINGHAM	Alabama	6,792	1,809	4,983	1	8	28	32	21	10	1
UNIVERSITY OF SOUTH ALABAMA	Alabama	5,088	1,582	3,506	1	10	30	32	20	7	0
TROY UNIVERSITY-TROY	Alabama	4,997	1,302	3,695	2	12	34	31	16	5	0
JACKSONVILLE STATE UNIVERSITY	Alabama	3,648	1,151	2,497	2	14	34	29	16	5	0
UNIVERSITY OF NORTH ALABAMA	Alabama	2,931	873	2,058	1	9	31	32	19	7	0
UNIVERSITY OF ALABAMA IN HUNTSVILLE	Alabama	2,489	587	1,902	1	7	26	30	22	12	2
ALABAMA STATE UNIVERSITY	Alabama	2,135	735	1,400	5	32	44	15	3	1	0
AUBURN UNIVERSITY MONTGOMERY	Alabama	1,753	434	1,319	2	16	36	28	14	4	0
SAMFORD UNIVERSITY	Alabama	1,671	299	1,372	1	5	16	27	28	21	2
ALABAMA A & M UNIVERSITY	Alabama	1,450	485	965	5	32	45	15	3	0	0
MISSISSIPPI STATE UNIVERSITY	Mississippi	1,443	240	1,203	1	6	19	25	27	19	2
UNIVERSITY OF MONTEVALLO	Alabama	1,297	368	929	1	7	28	33	22	9	0
CALHOUN COMMUNITY COLLEGE	Alabama	1,162	451	711	2	12	34	32	17	3	0
WALLACE STATE COMMUNITY COLLEGE	Alabama	1,146	394	752	2	14	40	30	12	2	0
SHELTON STATE COMMUNITY COLLEGE	Alabama	1,119	342	777	4	22	38	24	9	2	0
UNIVERSITY OF WEST ALABAMA	Alabama	1,046	242	804	3	19	40	28	8	2	0
JEFFERSON STATE COMMUNITY COLLEGE	Alabama	1,016	311	705	4	18	39	28	10	2	0
TUSKEGEE UNIVERSITY	Alabama	973	233	740	4	18	46	26	5	1	0
NCAA ELIGIBILITY CENTER	Indiana	964	457	507	2	15	34	30	13	5	1
BIRMINGHAM-SOUTHERN COLLEGE	Alabama	861	157	704	2	8	20	27	26	15	2
UNIVERSITY OF MISSISSIPPI	Mississippi	804	121	683	0	2	16	31	33	17	1
UNIVERSITY OF MOBILE	Alabama	789	158	631	1	9	28	35	20	7	0
FAULKNER STATE COMMUNITY COLLEGE	Alabama	736	249	487	3	21	35	30	9	1	0
SOUTHERN UNION STATE COMMUNITY COLLEGE	Alabama	719	194	525	3	20	38	27	10	1	0
GADSDEN STATE COMMUNITY COLLEGE	Alabama	717	207	510	2	15	37	32	11	3	0
VANDERBILT UNIVERSITY	Tennessee	645	95	550	0	1	4	16	19	44	16
UNIVERSITY OF GEORGIA	Georgia	633	61	572	1	6	20	24	24	22	3
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	627	137	490	1	7	26	32	26	8	0
All Other Institutions		22,975	5,560	17,415	2	14	29	25	16	11	2
<b>Total</b>		<b>92,590</b>	<b>27,561</b>	<b>65,029</b>	<b>2</b>	<b>11</b>	<b>29</b>	<b>28</b>	<b>18</b>	<b>10</b>	<b>1</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: 39,565

**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>13,194</b>	<b>931,148</b>	<b>21.2</b>	<b>21.5</b>	<b>6.3</b>	<b>7.1</b>	<b>19.8</b>	<b>20.7</b>
Black/African American	3,810	113,247	17.4	16.6	5.8	6.2	16.6	16.4
American Indian/Alaska Native	82	5,233	20.4	17.8	6.5	6.5	19.4	17.5
White	7,875	518,974	22.9	23.2	6.5	7.2	21.2	22.1
Hispanic/Latino	414	150,249	20.3	18.5	6.4	6.8	19.2	18.3
Asian	283	53,381	24.9	23.7	7.1	7.6	23.2	22.8
Native Hawaiian/Other Pac. Isl.	11	2,851	18.0	19.9	6.2	7.1	17.4	19.6
Two or more races	385	32,346	21.8	21.9	6.4	7.1	20.3	21.1
Prefer not/No Response	334	54,867	23.0	21.8	6.4	7.1	21.3	21.0
Males	5,970	413,617	21.3	21.2	6.1	6.8	19.6	20.3
Females	7,223	515,745	21.2	21.7	6.5	7.2	20.0	21.1
Missing	1	1,786	16.0	16.8	2.0	6.3	12.0	16.6

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





