

# ACT Profile Report - State

Graduating Class 2012  
New Jersey



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

39% 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:** 22,179 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. 56% 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 1% of the cohort took less than three years of math courses. Of these students, 22% were college ready. 7% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 72% 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 3% of the cohort took less than three years of natural science courses. 21% of these students were college ready. In comparison, 44% 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 26% 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 508-229-0111.

# Section I

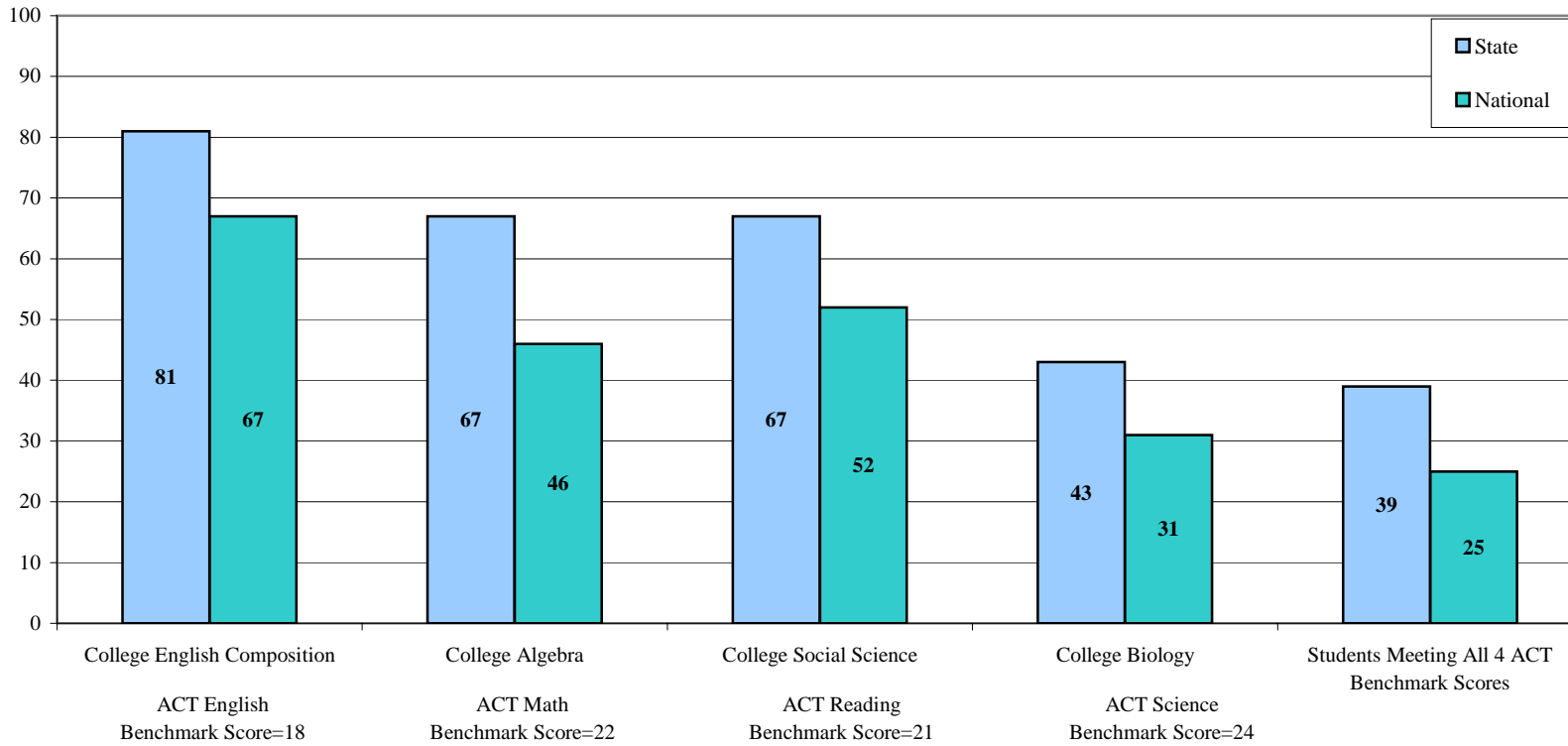
## Executive Summary

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: 22,179

**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: 22,179

**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	14,714	1,421,941	80	68	59	43	63	53	35	28	31	22
2009	17,679	1,480,469	81	67	61	42	65	53	38	28	34	23
2010	19,177	1,568,835	82	66	64	43	65	52	40	29	36	24
2011	20,796	1,623,112	81	66	66	45	67	52	41	30	37	25
<b>2012</b>	<b>22,179</b>	<b>1,666,017</b>	<b>81</b>	<b>67</b>	<b>67</b>	<b>46</b>	<b>67</b>	<b>52</b>	<b>43</b>	<b>31</b>	<b>39</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	14,714	1,421,941	22.6	20.6	23.2	21.0	22.9	21.4	21.7	20.8	22.7	21.1
2009	17,679	1,480,469	22.9	20.6	23.5	21.0	23.2	21.4	22.1	20.9	23.1	21.1
2010	19,177	1,568,835	23.1	20.5	23.6	21.0	23.2	21.3	22.4	20.9	23.2	21.0
2011	20,796	1,623,112	23.1	20.6	23.7	21.1	23.3	21.3	22.4	20.9	23.2	21.1
<b>2012</b>	<b>22,179</b>	<b>1,666,017</b>	<b>23.1</b>	<b>20.5</b>	<b>23.9</b>	<b>21.1</b>	<b>23.4</b>	<b>21.3</b>	<b>22.6</b>	<b>20.9</b>	<b>23.4</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: 22,179

**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	5,818	7,128	40	48	23.1	22.0	23.5	22.8	23.5	22.4	22.0	21.4	23.1	22.2
2009	9,704	7,778	55	44	23.5	22.4	23.9	23.1	23.7	22.6	22.5	21.8	23.5	22.6
2010	10,658	8,379	56	44	23.6	22.4	24.0	23.1	23.7	22.6	22.7	22.0	23.7	22.7
2011	11,728	8,782	56	42	23.7	22.4	24.1	23.3	23.8	22.6	22.7	22.0	23.7	22.7
<b>2012</b>	<b>12,444</b>	<b>9,409</b>	<b>56</b>	<b>42</b>	<b>23.6</b>	<b>22.6</b>	<b>24.3</b>	<b>23.6</b>	<b>23.8</b>	<b>22.8</b>	<b>23.0</b>	<b>22.3</b>	<b>23.8</b>	<b>22.9</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.

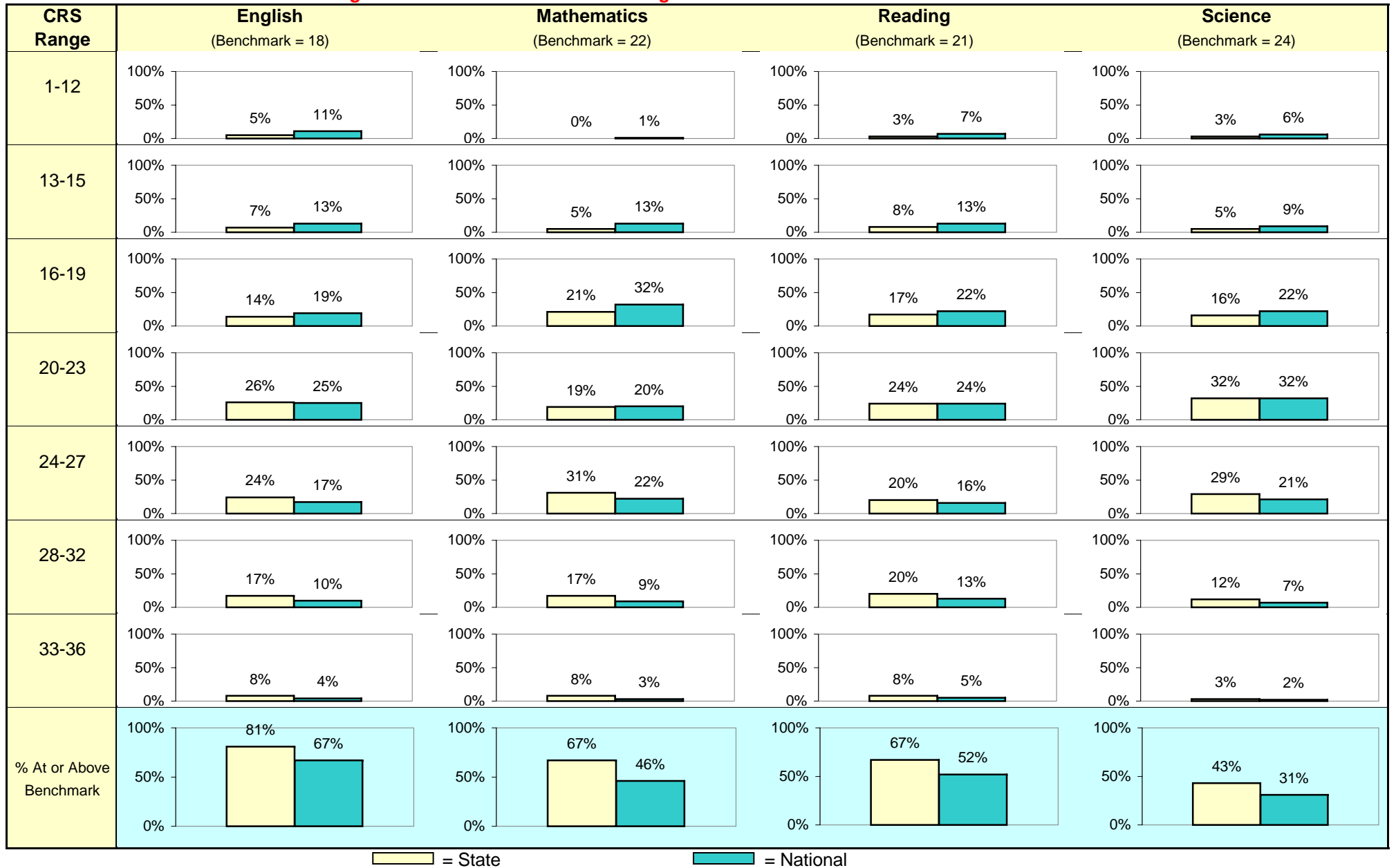
**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity<sup>1</sup>**

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>14,714</b>	<b>100</b>	<b>22.7</b>	<b>17,679</b>	<b>100</b>	<b>23.1</b>	<b>19,177</b>	<b>100</b>	<b>23.2</b>	<b>20,796</b>	<b>100</b>	<b>23.2</b>	<b>22,179</b>	<b>100</b>	<b>23.4</b>
Black/African American	1,261	9	17.8	1,534	9	18.0	1,621	8	18.2	1,830	9	18.1	1,867	8	18.3
American Indian/Alaska Native	23	0	20.0	33	0	20.5	36	0	21.5	41	0	20.0	54	0	19.7
White	8,778	60	23.0	11,647	66	23.4	12,733	66	23.7	13,564	65	23.8	14,217	64	23.9
Hispanic/Latino	837	6	20.5	1,080	6	20.9	1,278	7	20.9	1,673	8	20.9	1,915	9	21.2
Asian	812	6	25.3	1,235	7	26.0	1,462	8	25.9	1,689	8	26.2	1,835	8	26.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	27	0	22.7	49	0	23.1
Two or more races	250	2	23.2	388	2	23.2	455	2	22.9	393	2	23.4	525	2	23.4
Prefer not to respond/No response	2,753	19	24.1	1,762	10	24.4	1,592	8	23.8	1,579	8	24.1	1,717	8	24.5

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

Total Students in Report: 22,179

**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: 22,179

**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	192	100	244	100	163	100	21	100	36
35	423	100	410	99	314	99	196	99	123	100	35
34	613	98	585	97	485	97	123	98	275	99	34
33	552	95	603	95	647	95	194	98	385	98	33
32	615	92	552	92	771	92	401	97	565	96	32
31	650	90	475	89	982	89	481	95	746	94	31
30	777	87	703	87	838	84	553	93	847	90	30
29	843	83	876	84	845	81	511	90	990	87	29
28	841	79	1,205	80	979	77	693	88	1,119	82	28
27	1,158	76	1,486	75	970	72	1,372	85	1,324	77	27
26	1,168	70	1,850	68	995	68	974	79	1,386	71	26
25	1,233	65	1,565	60	1,048	64	1,727	74	1,508	65	25
24	1,686	60	1,874	53	1,470	59	2,256	67	1,638	58	24
23	1,297	52	1,343	44	1,349	52	1,816	57	1,668	51	23
22	1,397	46	1,100	38	1,384	46	1,858	48	1,564	43	22
21	1,676	40	659	33	1,541	40	1,715	40	1,467	36	21
20	1,300	32	1,027	30	1,019	33	1,709	32	1,303	30	20
19	934	26	1,008	26	1,144	28	1,240	25	1,125	24	19
18	789	22	1,120	21	1,196	23	1,091	19	1,019	19	18
17	661	19	1,148	16	850	18	702	14	846	14	17
16	799	16	1,273	11	657	14	570	11	673	10	16
15	759	12	742	5	799	11	475	8	601	7	15
14	535	9	237	2	506	7	369	6	431	4	14
13	324	6	113	1	481	5	304	4	286	3	13
12	275	5	19	1	340	3	264	3	162	1	12
11	232	3	9	1	159	1	160	2	61	1	11
10	234	2	3	1	90	1	147	1	31	1	10
9	131	1	0	1	34	1	62	1	10	1	9
8	94	1	2	1	14	1	25	1	4	1	8
7	51	1	0	1	12	1	15	1	1	1	7
6	15	1	0	1	7	1	5	1	0	1	6
5	7	1	0	1	7	1	3	1	0	1	5
4	2	1	0	1	1	1	2	1	0	1	4
3	0	1	0	1	1	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	2	1	0	1	1
Avg (SD)	23.1 (6.2)		23.9 (5.5)		23.4 (6.1)		22.6 (5.1)		23.4 (5.2)		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: 22,179

**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	1,523	100	438	100	866	100	1,220	100	2,318	100	575	100	690	100	18
17	1,544	93	554	98	1,474	96	1,778	94	1,917	90	399	97	205	97	17
16	2,032	86	2,052	96	1,818	89	1,895	86	1,355	81	1,483	96	1,666	96	16
15	1,228	77	1,686	86	1,428	81	1,564	78	2,024	75	1,671	89	2,204	88	15
14	2,154	71	2,521	79	1,967	75	2,121	71	2,152	66	2,986	81	2,490	79	14
13	1,204	62	2,412	67	2,281	66	1,997	61	2,525	56	3,451	68	2,685	67	13
12	2,043	56	2,613	56	2,447	56	1,952	52	2,205	45	2,268	52	2,921	55	12
11	2,224	47	2,632	45	1,743	45	1,801	44	1,912	35	2,422	42	2,425	42	11
10	2,243	37	1,818	33	1,943	37	1,835	35	1,499	26	2,609	31	2,209	31	10
9	1,611	27	2,055	25	1,880	28	1,593	27	1,117	19	1,692	19	1,695	21	9
8	1,357	20	1,154	15	1,531	20	1,685	20	1,437	14	1,360	12	1,235	13	8
7	1,079	14	865	10	1,559	13	894	12	1,144	8	560	6	807	8	7
6	801	9	532	6	584	6	928	8	358	3	258	3	465	4	6
5	515	5	356	4	339	3	581	4	133	1	250	2	103	2	5
4	324	3	344	2	179	1	168	2	62	1	60	1	265	2	4
3	192	1	115	1	75	1	127	1	16	1	101	1	7	1	3
2	96	1	30	1	51	1	36	1	4	1	2	1	83	1	2
1	9	1	2	1	14	1	4	1	1	1	32	1	24	1	1
Avg (SD)	11.9 (3.8)		11.8 (3.2)		11.8 (3.5)		12.0 (3.7)		12.8 (3.4)		12.0 (2.9)		11.9 (3.0)		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)	27	28	28	26	27
Q2 (50th Percentile)	23	24	23	23	23
Q1 (25th Percentile)	19	19	19	20	20

Total Students in Report: 22,179

**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>22,179</b>	<b>56</b>	<b>23.8</b>	<b>22.9</b>
	Black/African American	1,867	45	18.8	17.9
	American Indian/Alaska Native	54	65	19.5	19.9
	White	14,217	58	24.1	23.6
	Hispanic/Latino	1,915	49	21.7	20.7
	Asian	1,835	54	26.6	25.7
	Native Hawaiian/Other Pac. Isl.	49	35	22.7	23.4
	Two or more races	525	58	23.6	23.4
	Prefer not/No Response	1,717	62	24.9	23.8
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>	23.1	23.9	23.4	22.6	23.4
	Black/African American	17.4	19.0	18.4	18.0	18.3
	American Indian/Alaska Native	19.2	19.7	19.8	19.7	19.7
	White	23.8	24.3	23.9	23.1	23.9
	Hispanic/Latino	20.6	21.7	21.4	20.6	21.2
	Asian	25.7	28.0	25.4	25.2	26.2
	Native Hawaiian/Other Pac. Isl.	22.7	24.1	22.9	22.2	23.1
	Two or more races	23.4	23.7	23.6	22.6	23.4
	Prefer not/No Response	24.4	25.1	24.5	23.5	24.5
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: 22,179

**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	1,696	8	1,790	8	1,690	8	676	3
	28 to 32	3,726	17	3,811	17	4,415	20	2,639	12
	24 to 27	5,245	24	6,775	31	4,483	20	6,329	29
	20 to 23	5,670	26	4,129	19	5,293	24	7,098	32
	16 to 19	3,183	14	4,549	21	3,847	17	3,603	16
	13 to 15	1,618	7	1,092	5	1,786	8	1,148	5
	01 to 12	1,041	5	33	0	665	3	686	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	9,725	44	22.9	24.8	23.4	23.4	23.7
	Females	12,454	56	23.3	23.3	23.4	22.1	23.1
	Missing	0	0	.	.	.	.	.
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	80	71	66	50	45
	Females	83	63	68	38	35
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 22,179

**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>	12,444	84	23.6	70	24.3	70	23.8	46	23.0	41	23.8
	Less than Core	9,409	78	22.6	64	23.6	64	22.8	41	22.3	37	22.9
	Missing <sup>3</sup>	326	71	20.7	52	21.9	51	21.2	29	20.8	25	21.3
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>	21,604	82	23.2	21,606	68	24.0	12,962	69	23.7	21,103	44	22.8
	Less than Core	269	71	20.8	267	22	18.5	8,912	64	22.9	771	21	19.6
	Missing <sup>3</sup>	306	73	20.9	306	53	21.9	305	52	21.4	305	30	20.9
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.

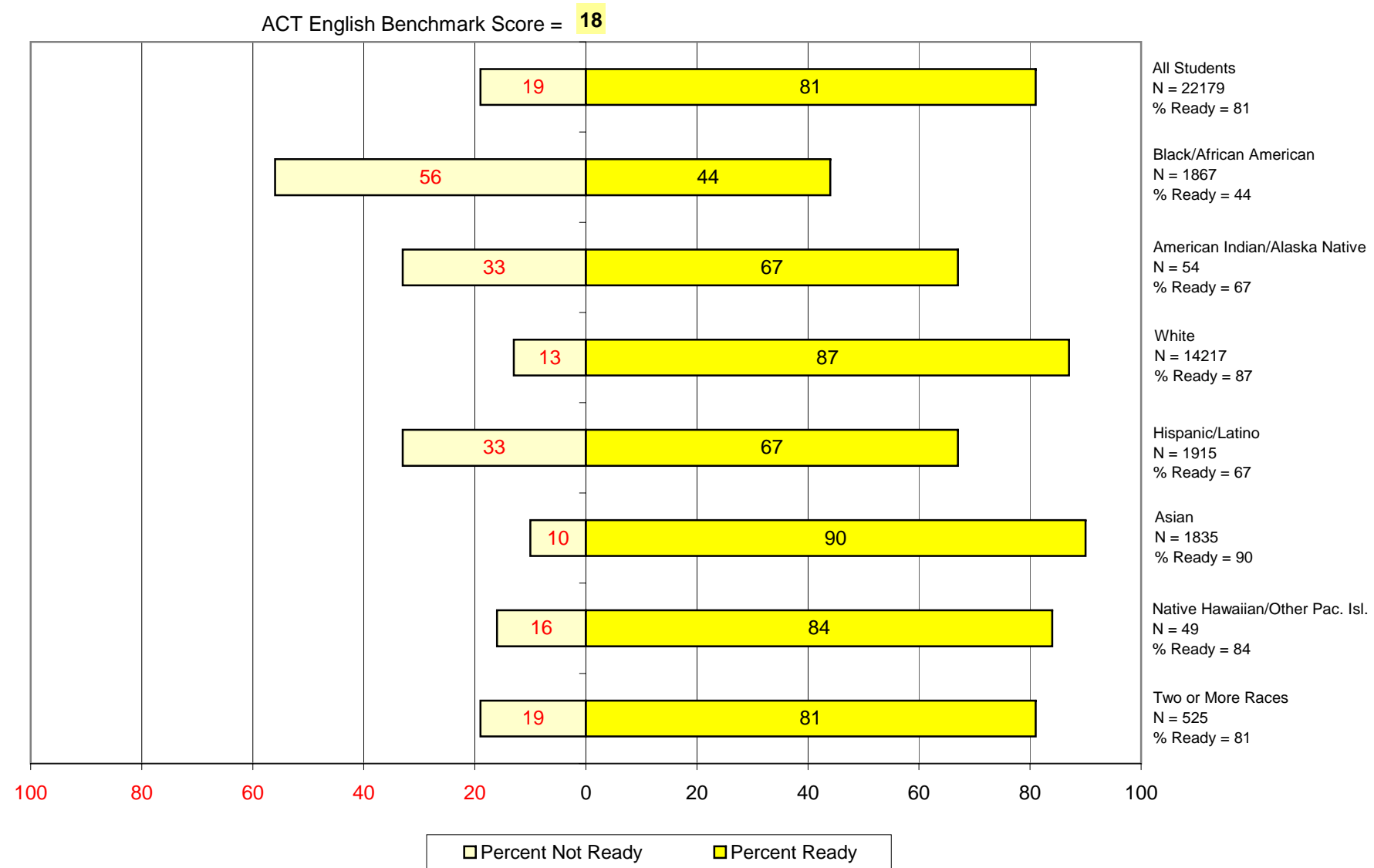
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# 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.

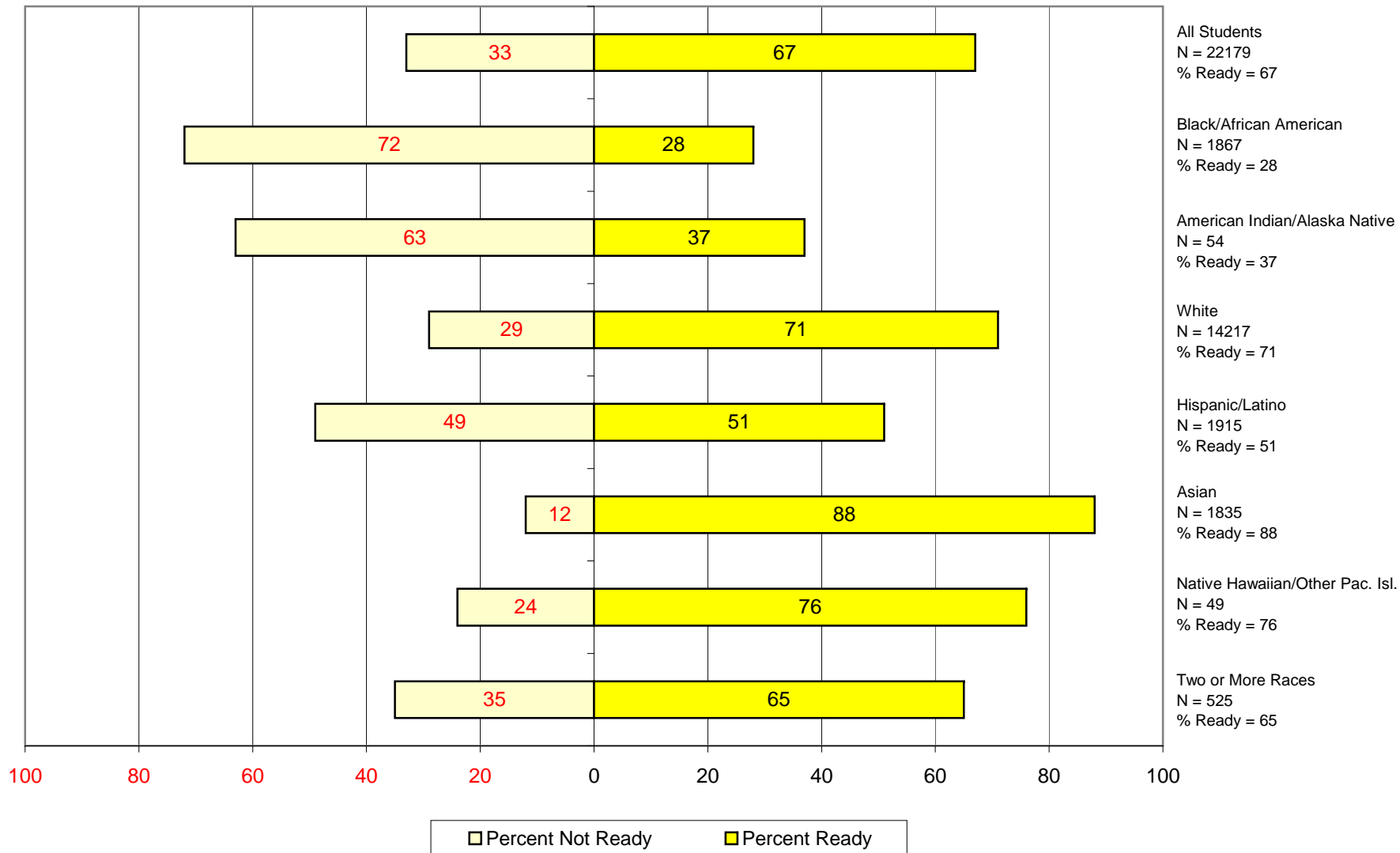
**Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ENGLISH**



<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**

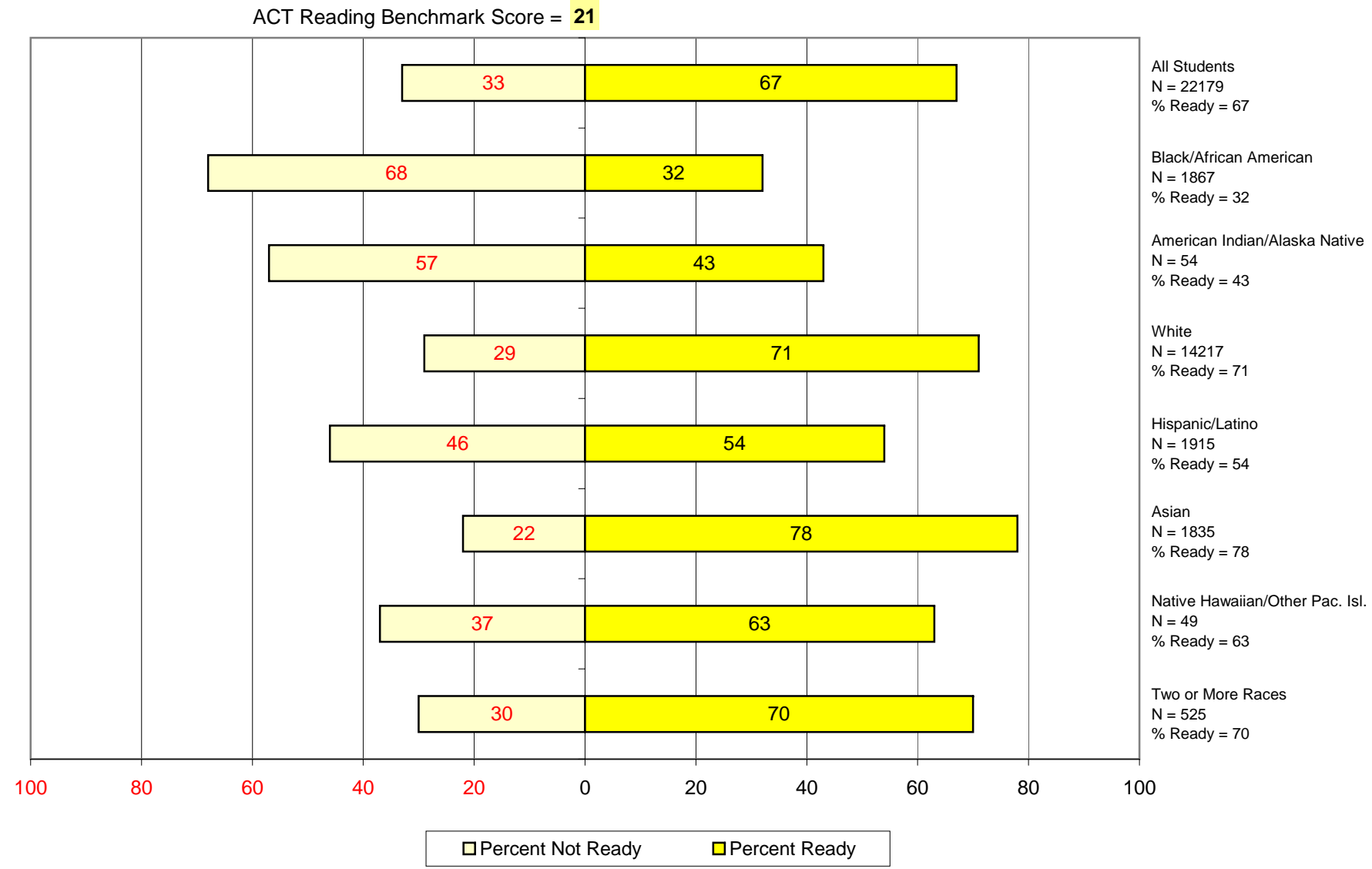
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 22,179

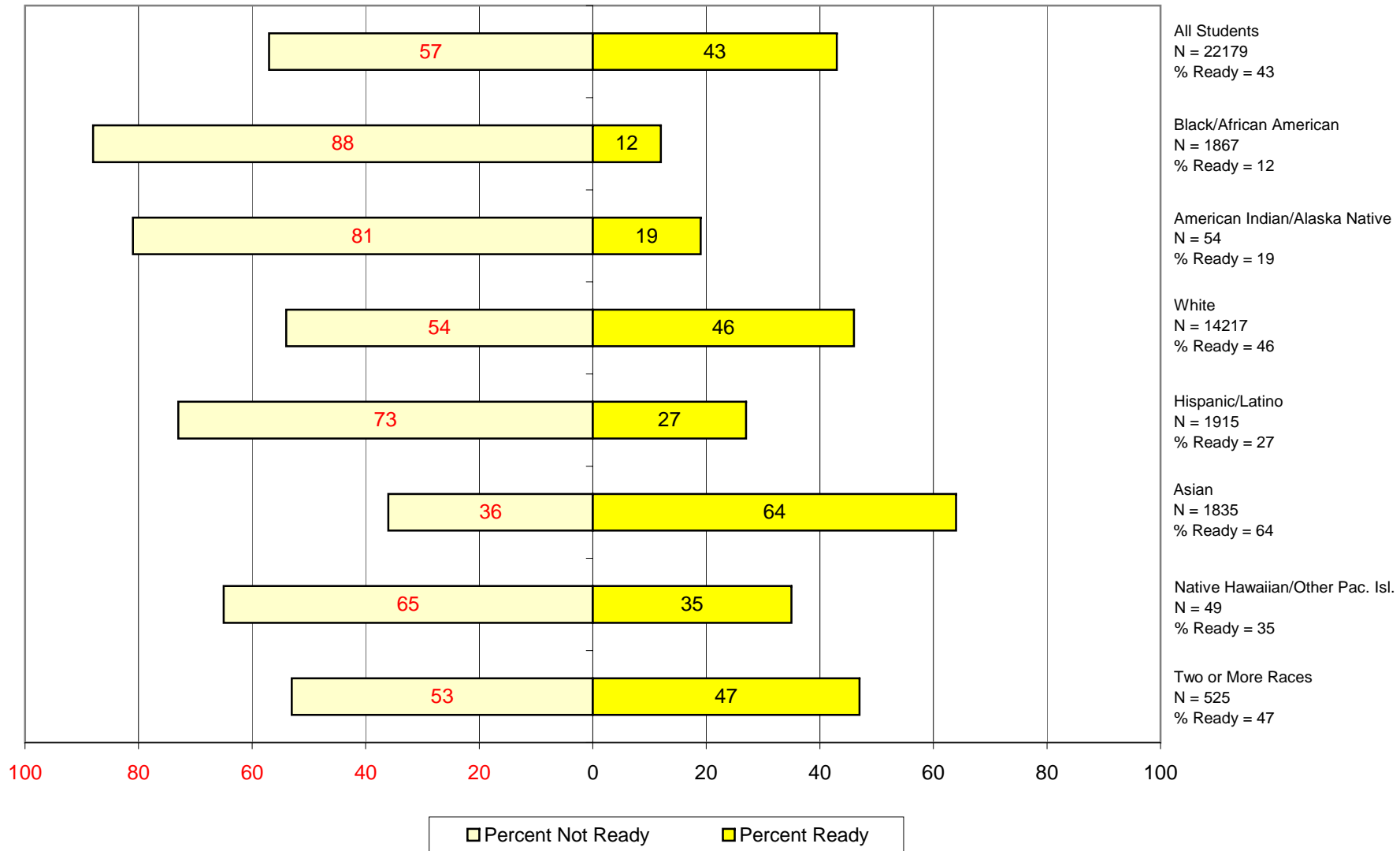
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: READING**



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

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

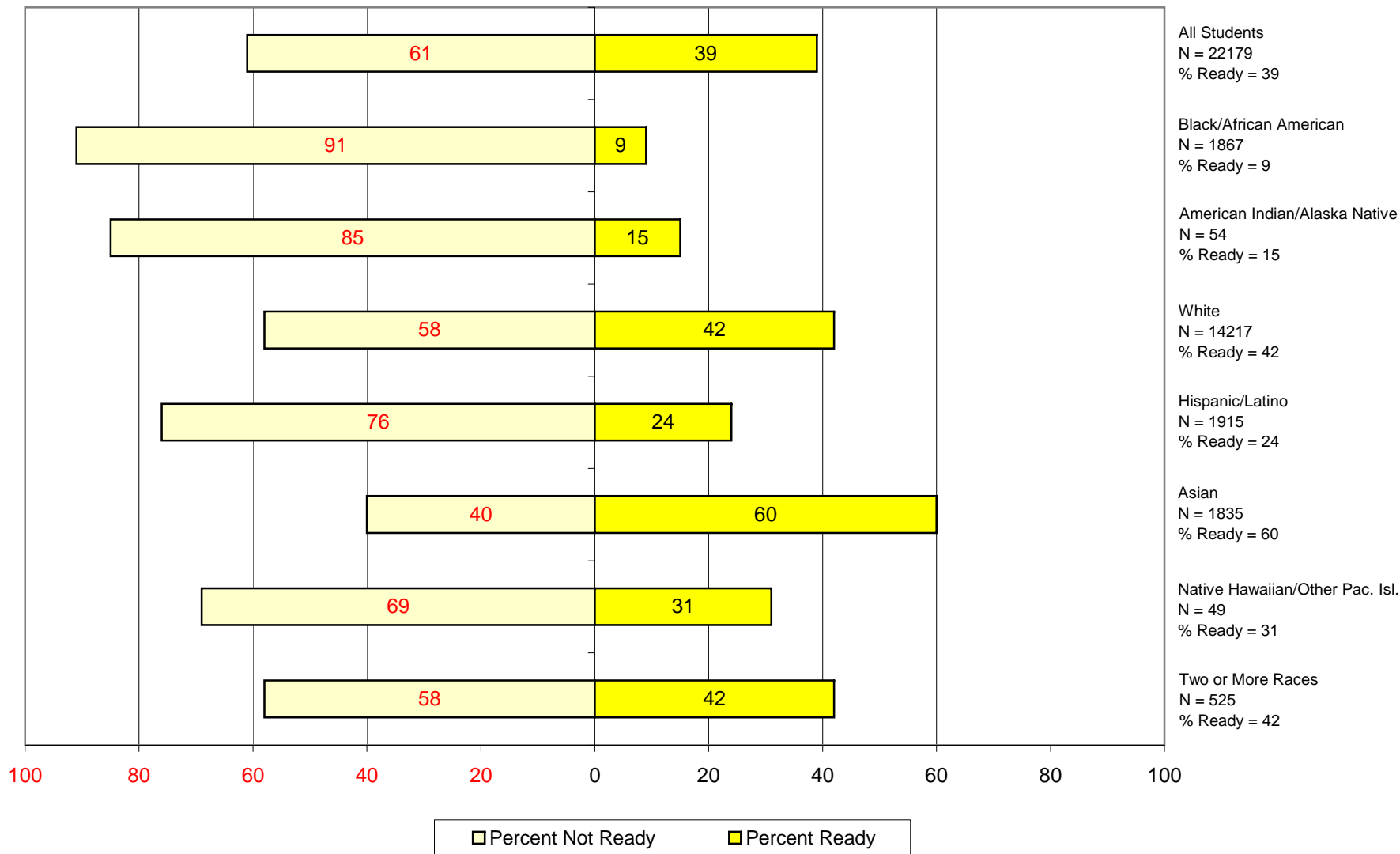
ACT Science Benchmark Score = **24**



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

Total Students in Report: 22,179

**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: 22,179

**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	5,271	24	23.8	3.0	2,108	22	23.5	3.2	3,163	25	23.9	2.6
Eng 9, Eng 10, Eng 11, Eng 12	16,333	74	23.0	2.2	7,355	76	22.8	2.5	8,978	72	23.2	1.9
Less than 4 years of English	269	1	20.8	-	113	1	20.3	-	156	1	21.3	-
Zero years / no English courses reported	306	1	20.9	-	149	2	20.2	-	157	1	21.6	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	2,192	10	26.1	7.6	906	9	26.6	8.5	1,286	10	25.8	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,660	7	22.3	3.8	615	6	22.8	4.7	1,045	8	22.0	3.2
Alg 1, Alg 2, Geom, & Trig	1,286	6	20.4	1.9	480	5	20.7	2.6	806	6	20.2	1.4
Alg 1, Alg 2, Geom, & Other Adv Math	3,008	14	21.0	2.5	1,083	11	21.5	3.4	1,925	15	20.8	2.0
Other comb of 4 or more years of Math	10,690	48	26.2	7.7	5,249	54	26.9	8.8	5,441	44	25.5	6.7
Alg 1, Alg 2, & Geom	1,627	7	18.1	-0.4	640	7	18.1	0.0	987	8	18.1	-0.7
Other comb of 3 or 3.5 years of Math	1,143	5	22.8	4.3	479	5	23.3	5.2	664	5	22.5	3.7
Less than 3 years of Math	267	1	18.5	-	122	1	18.1	-	145	1	18.8	-
Zero years / no Math courses reported	306	1	21.9	-	151	2	22.1	-	155	1	21.6	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,112	5	23.8	0.9	564	6	23.3	0.4	548	4	24.3	1.4
Other comb of 4 or more years Social Science	5,508	25	23.5	0.6	2,702	28	23.6	0.7	2,806	23	23.5	0.6
US Hist, World Hist, & Am Gov	950	4	23.9	1.0	468	5	23.9	1.0	482	4	24.0	1.1
Other comb of 3 or 3.5 years of Social Science	5,392	24	23.9	1.0	2,267	23	23.8	0.9	3,125	25	24.0	1.1
Less than 3 years of Social Science	8,912	40	22.9	-	3,575	37	22.9	-	5,337	43	22.9	-
Zero years / no Social Science courses reported	305	1	21.4	-	149	2	21.1	-	156	1	21.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	12,627	57	23.3	3.7	5,911	61	24.0	4.6	6,716	54	22.6	2.9
Bio, Chem, Phys	3,904	18	24.4	4.8	1,759	18	25.3	5.9	2,145	17	23.7	4.0
Gen Sci <sup>2</sup> , Bio, Chem	4,443	20	20.0	0.4	1,535	16	20.0	0.6	2,908	23	20.1	0.4
Other comb of 3 years of Natural Science	129	1	19.3	-0.3	70	1	19.7	0.3	59	0	18.8	-0.9
Less than 3 years of Natural Science	771	3	19.6	-	302	3	19.4	-	469	4	19.7	-
Zero years / no Natural Science courses reported	305	1	20.9	-	148	2	21.0	-	157	1	20.8	-

<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: 22,179

**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	5,271	24	23.8	84	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	16,333	74	23.0	81	1,178,400	71	20.5	67
Less than 4 years of English	269	1	20.8	71	64,748	4	16.5	41
Zero years / no English courses reported	306	1	20.9	73	42,707	3	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	2,192	10	26.1	86	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,660	7	22.3	59	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	1,286	6	20.4	41	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	3,008	14	21.0	48	279,658	17	19.9	36
Other comb of 4 or more years of Math	10,690	48	26.2	82	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	1,627	7	18.1	18	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,143	5	22.8	60	82,509	5	19.9	35
Less than 3 years of Math	267	1	18.5	22	69,741	4	16.6	8
Zero years / no Math courses reported	306	1	21.9	53	45,508	3	18.2	22
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,112	5	23.8	69	47,179	3	22.3	59
Other comb of 4 or more years Social Science	5,508	25	23.5	68	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	950	4	23.9	69	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	5,392	24	23.9	70	452,172	27	21.2	51
Less than 3 years of Social Science	8,912	40	22.9	64	149,266	9	19.7	40
Zero years / no Social Science courses reported	305	1	21.4	52	45,093	3	17.8	29
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	12,627	57	23.3	49	740,499	44	21.9	39
Bio, Chem, Phys	3,904	18	24.4	58	171,734	10	23.0	47
Gen Sci <sup>1</sup> , Bio, Chem	4,443	20	20.0	21	466,992	28	20.0	22
Other comb of 3 years of Natural Science	129	1	19.3	19	45,992	3	19.5	20
Less than 3 years of Natural Science	771	3	19.6	21	194,661	12	18.4	13
Zero years / no Natural Science courses reported	305	1	20.9	30	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: 22,179

**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	133	1	23.1	1	1	17.0	119	1	23.0
Architecture	291	1	23.4	3	2	22.0	253	1	23.3
Area, Ethnic, & Multidisciplinary Studies	40	0	25.7	0	0	.	31	0	25.9
Arts: Visual & Performing	1,015	5	21.9	10	7	17.7	856	5	21.8
Business	3,129	14	23.2	40	28	18.6	2,651	14	23.2
Communications	907	4	22.2	2	1	18.5	781	4	22.0
Community, Family, & Personal Services	221	1	19.6	4	3	17.3	187	1	19.6
Computer Science & Mathematics	498	2	24.5	3	2	19.3	428	2	24.4
Education	1,308	6	21.0	7	5	17.6	1,150	6	20.9
Engineering	1,721	8	25.9	8	6	23.1	1,479	8	25.9
Engineering Technology & Drafting	150	1	21.8	4	3	19.5	136	1	22.1
English & Foreign Languages	301	1	25.3	0	0	.	250	1	25.2
Health Administration & Assisting	264	1	19.3	3	2	15.7	223	1	19.3
Health Sciences & Technologies	2,912	13	23.1	6	4	16.8	2,606	14	23.1
Philosophy, Religion, & Theology	49	0	22.9	0	0	.	41	0	23.4
Repair, Production, & Construction	25	0	17.8	3	2	17.7	15	0	18.4
Sciences: Biological & Physical	2,144	10	25.4	2	1	16.5	1,873	10	25.2
Social Sciences & Law	2,148	10	22.7	7	5	17.0	1,883	10	22.7
Undecided	4,586	21	23.9	35	24	18.8	3,351	18	23.9
No Response	337	2	21.5	6	4	16.0	162	1	21.2

<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: 22,179

**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	91	19.5	11	14.2	0	.	53	20.0	11	18.6
2-yr College Degree	53	16.8	14	14.9	0	.	24	17.8	6	17.3
Bachelors Degree	7,486	21.4	661	16.5	22	18.1	5,192	22.0	684	19.6
Graduate Study	5,913	24.4	375	19.7	10	22.6	4,153	24.7	390	22.8
Prof. Level Degree	5,076	25.1	525	20.4	11	20.4	2,652	25.9	543	22.6
Other	261	21.6	19	17.1	1	14.0	145	22.7	40	19.6
No Response	3,299	24.0	262	17.1	10	20.0	1,998	24.6	241	20.2

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	91	19.5	9	24.6	0	.	3	16.7	4	20.3
2-yr College Degree	53	16.8	2	18.5	1	16.0	1	19.0	5	15.6
Bachelors Degree	7,486	21.4	337	23.4	18	22.9	184	22.0	388	21.7
Graduate Study	5,913	24.4	407	26.4	8	23.9	132	24.3	438	25.2
Prof. Level Degree	5,076	25.1	728	27.3	16	23.7	140	24.2	461	25.9
Other	261	21.6	21	22.0	0	.	7	21.7	28	22.3
No Response	3,299	24.0	331	26.8	6	22.3	58	25.0	393	25.2

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

Total Students in Report: 22,179

**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
RUTGERS THE ST UNIV OF NEW JERSEY	New Jersey	1,591	565	1,026	2	8	21	31	23	13	2
MONTCLAIR STATE UNIVERSITY	New Jersey	628	156	472	3	12	39	31	12	4	0
ROWAN UNIVERSITY	New Jersey	569	158	411	2	10	28	35	20	5	0
COLLEGE OF NEW JERSEY THE	New Jersey	550	147	403	0	3	13	31	33	18	2
UNIVERSITY OF DELAWARE	Delaware	506	126	380	0	0	9	34	40	15	1
RICHARD STOCKTON COLLEGE OF NEW JERSEY	New Jersey	436	152	284	1	11	35	38	13	2	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	416	90	326	0	2	14	32	30	19	3
MONMOUTH UNIVERSITY	New Jersey	368	108	260	1	7	29	42	16	4	0
KEAN UNIVERSITY	New Jersey	347	107	240	4	22	41	24	7	2	0
NCAA ELIGIBILITY CENTER	Indiana	337	222	115	2	9	20	26	28	14	1
WILLIAM PATERSON UNIVERSITY	New Jersey	336	98	238	4	17	43	25	9	2	0
DREXEL UNIVERSITY	Pennsylvania	331	79	252	0	1	14	31	39	14	1
RAMAPO COLLEGE OF NEW JERSEY	New Jersey	324	83	241	2	6	27	38	21	6	0
BOSTON UNIVERSITY	Massachusetts	288	89	199	1	0	5	22	35	35	2
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	288	60	228	1	1	5	25	40	26	2
NEW YORK UNIVERSITY	New York	265	89	176	1	2	9	23	31	29	4
SETON HALL UNIVERSITY	New Jersey	259	79	180	1	8	29	34	22	6	0
RIDER UNIVERSITY	New Jersey	252	55	197	1	10	30	42	13	4	0
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	245	102	143	0	0	5	19	26	38	11
VILLANOVA UNIVERSITY	Pennsylvania	230	58	172	0	1	5	23	35	33	3
FAIRLEIGH DICKINSON UNIVERSITY	New Jersey	211	42	169	4	14	36	29	14	4	0
PRINCETON UNIVERSITY	New Jersey	203	66	137	0	0	8	17	23	38	13
NORTHEASTERN UNIVERSITY	Massachusetts	201	46	155	0	1	4	19	33	41	2
TEMPLE UNIVERSITY	Pennsylvania	185	51	134	3	8	24	35	24	7	1
JAMES MADISON UNIVERSITY	Virginia	181	55	126	1	1	10	30	44	14	1
NEW JERSEY INSTITUTE OF TECHNOLOGY	New Jersey	179	62	117	4	6	18	32	26	13	2
CORNELL UNIVERSITY	New York	172	52	120	0	0	3	17	25	40	15
BOSTON COLLEGE	Massachusetts	163	56	107	0	0	4	16	30	42	7
LEHIGH UNIVERSITY	Pennsylvania	156	33	123	1	1	4	17	38	31	8
QUINNIPIAC UNIVERSITY	Connecticut	150	33	117	1	3	13	43	32	9	0
All Other Institutions		11,452	3,184	8,268	2	7	19	28	25	16	3
<b>Total</b>		<b>21,819</b>	<b>6,303</b>	<b>15,516</b>	<b>1</b>	<b>7</b>	<b>19</b>	<b>29</b>	<b>25</b>	<b>16</b>	<b>3</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: 22,179

**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>18,733</b>	<b>931,148</b>	<b>23.8</b>	<b>21.5</b>	<b>7.9</b>	<b>7.1</b>	<b>23.2</b>	<b>20.7</b>
Black/African American	1,441	113,247	18.2	16.6	7.1	6.2	18.3	16.4
American Indian/Alaska Native	40	5,233	20.4	17.8	7.7	6.5	20.5	17.5
White	11,993	518,974	24.3	23.2	7.9	7.2	23.6	22.1
Hispanic/Latino	1,578	150,249	21.2	18.5	7.6	6.8	21.1	18.3
Asian	1,710	53,381	26.1	23.7	8.1	7.6	25.1	22.8
Native Hawaiian/Other Pac. Isl.	43	2,851	23.3	19.9	7.9	7.1	22.9	19.6
Two or more races	450	32,346	24.0	21.9	7.8	7.1	23.3	21.1
Prefer not/No Response	1,478	54,867	25.0	21.8	8.0	7.1	24.2	21.0
Males	8,016	413,617	23.6	21.2	7.7	6.8	22.9	20.3
Females	10,717	515,745	23.9	21.7	8.0	7.2	23.3	21.1
Missing	0	1,786	.	16.8	.	6.3	.	16.6

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





