

ACT Profile Report - State

Graduating Class 2012
New York



ACT, INC. -- CONFIDENTIAL



Table of Contents

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

This report provides information about the performance of your 2012 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2012 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

41% 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: 52,771 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 81% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 4% of the cohort took less than three years of math courses. Of these students, 16% were college ready. 2% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 13% of these students were college ready. In comparison, 71% 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 6% of the cohort took less than three years of natural science courses. 10% of these students were college ready. In comparison, 50% 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 25% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

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

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 508-229-0111.

Section I

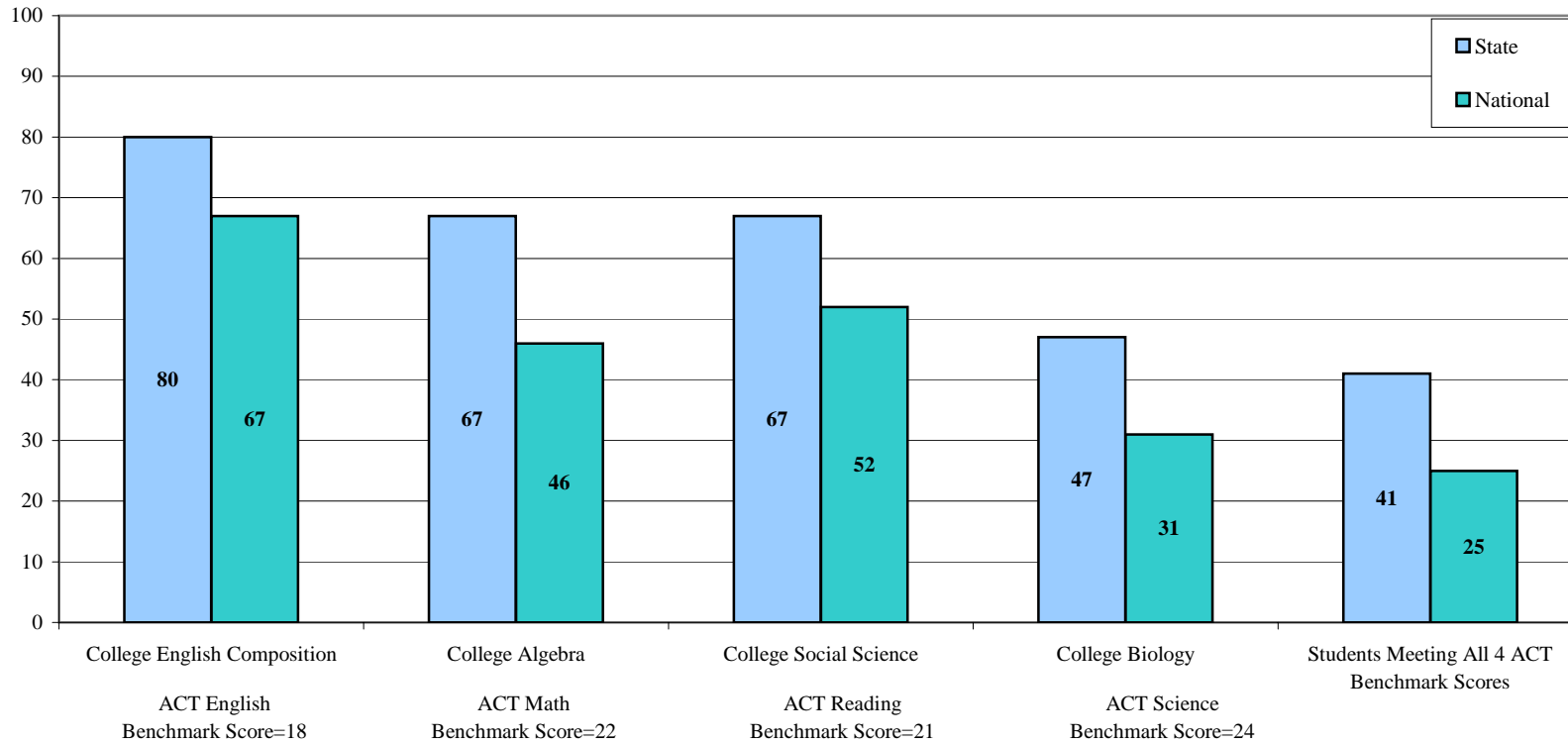
Executive Summary

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: 52,771

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: 52,771

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	44,311	1,421,941	79	68	63	43	66	53	43	28	36	22
2009	47,520	1,480,469	80	67	62	42	66	53	42	28	36	23
2010	50,262	1,568,835	80	66	66	43	66	52	46	29	40	24
2011	52,255	1,623,112	80	66	68	45	67	52	45	30	39	25
2012	52,771	1,666,017	80	67	67	46	67	52	47	31	41	25

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2008	44,311	1,421,941	22.3	20.6	23.5	21.0	23.3	21.4	22.8	20.8	23.1	21.1
2009	47,520	1,480,469	22.5	20.6	23.4	21.0	23.3	21.4	22.7	20.9	23.1	21.1
2010	50,262	1,568,835	22.7	20.5	23.6	21.0	23.3	21.3	23.1	20.9	23.3	21.0
2011	52,255	1,623,112	22.7	20.6	23.8	21.1	23.5	21.3	23.0	20.9	23.4	21.1
2012	52,771	1,666,017	22.7	20.5	23.7	21.1	23.4	21.3	23.1	20.9	23.3	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1

Total Students in Report: 52,771

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2008	27,558	10,701	62	24	23.0	20.8	24.2	22.0	23.8	22.0	23.3	21.6	23.7	21.7
2009	37,666	8,710	79	18	23.1	20.4	24.0	21.1	23.9	21.3	23.3	20.9	23.7	21.1
2010	39,801	9,509	79	19	23.3	20.5	24.2	21.3	23.9	21.3	23.6	21.2	23.9	21.2
2011	41,327	10,086	79	19	23.3	20.6	24.3	21.6	24.0	21.6	23.5	21.3	23.9	21.4
2012	42,582	9,498	81	18	23.2	20.4	24.2	21.5	23.9	21.4	23.5	21.1	23.8	21.2

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

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

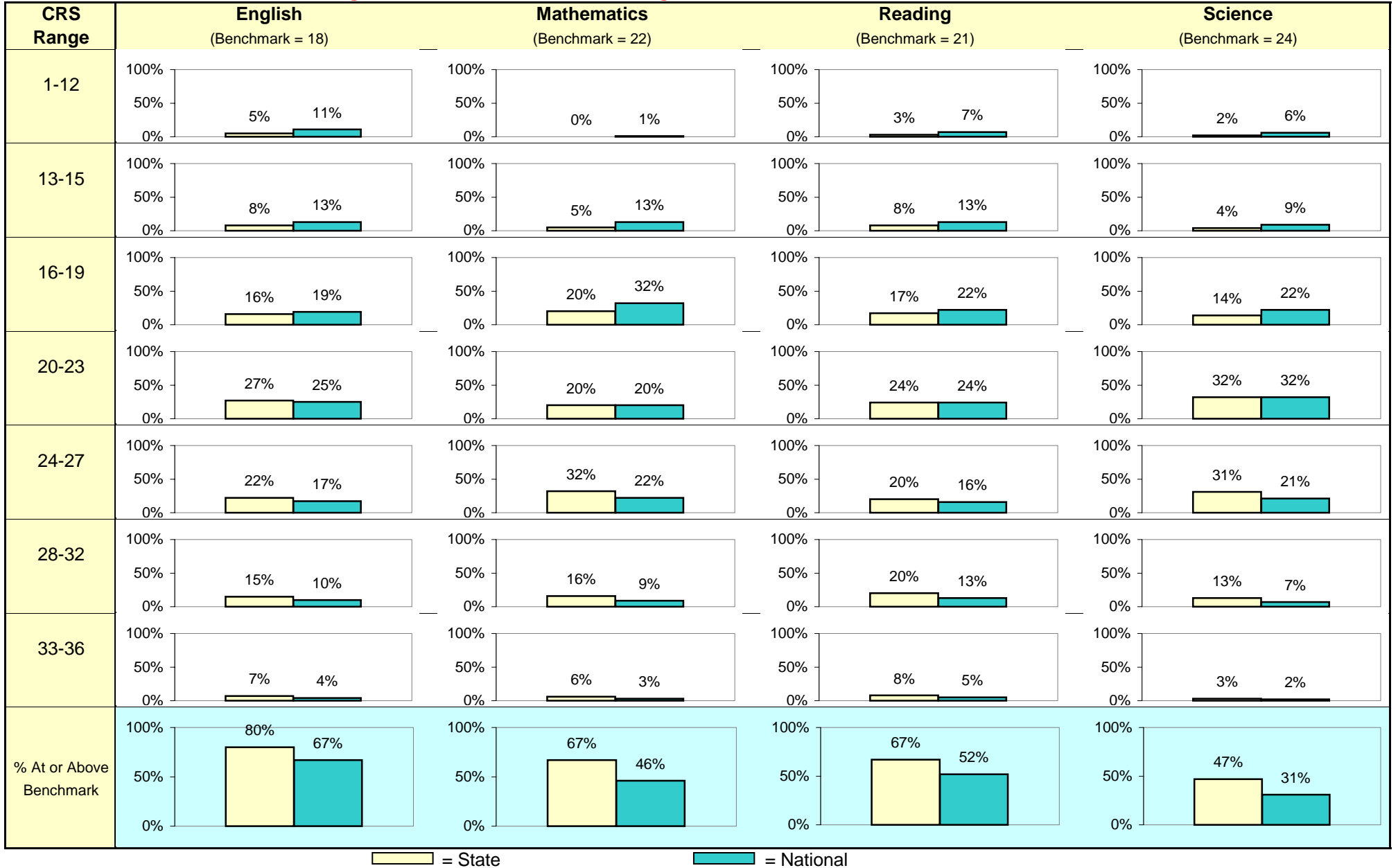
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	44,311	100	23.1	47,520	100	23.1	50,262	100	23.3	52,255	100	23.4	52,771	100	23.3
Black/African American	2,694	6	18.6	3,208	7	18.7	3,515	7	18.7	3,562	7	19.0	3,716	7	18.8
American Indian/Alaska Native	117	0	21.6	127	0	21.7	162	0	21.4	157	0	21.6	145	0	20.8
White	28,422	64	23.4	32,961	69	23.6	34,501	69	23.8	35,332	68	23.9	34,694	66	24.0
Hispanic/Latino	2,494	6	20.5	2,994	6	20.4	3,586	7	20.4	4,724	9	20.6	5,454	10	20.6
Asian	2,137	5	24.8	2,709	6	25.2	3,220	6	25.6	3,522	7	25.5	3,680	7	25.4
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	45	0	22.2	60	0	22.8
Two or more races	770	2	22.4	926	2	22.3	1,119	2	22.8	1,082	2	23.4	1,062	2	23.8
Prefer not to respond/No response	7,677	17	24.0	4,595	10	23.8	4,159	8	23.5	3,831	7	23.8	3,960	8	23.9

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

Total Students in Report: 52,771

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: 52,771

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	218	100	342	100	546	100	464	100	29	100	36
35	960	100	728	99	811	99	462	99	255	100	35
34	1,200	98	1,116	98	1,180	97	366	98	563	99	34
33	1,182	95	1,128	96	1,682	95	456	98	868	98	33
32	1,312	93	1,042	94	1,788	92	979	97	1,222	97	32
31	1,386	91	1,100	92	2,116	89	1,254	95	1,633	94	31
30	1,745	88	1,651	90	2,091	85	1,325	92	1,947	91	30
29	1,584	85	1,917	87	2,126	81	1,286	90	2,281	88	29
28	1,938	82	2,906	83	2,191	77	1,880	88	2,686	83	28
27	2,495	78	3,634	77	2,243	72	3,631	84	3,076	78	27
26	2,661	73	4,708	71	2,322	68	2,463	77	3,365	72	26
25	2,764	68	4,000	62	2,409	64	4,386	72	3,705	66	25
24	3,911	63	4,706	54	3,684	59	5,893	64	4,079	59	24
23	3,156	56	3,620	45	3,070	52	4,436	53	4,056	51	23
22	3,362	50	2,918	38	3,466	46	4,611	45	3,982	44	22
21	4,216	43	1,501	33	3,779	40	3,986	36	3,551	36	21
20	3,398	35	2,511	30	2,476	33	4,028	28	3,260	29	20
19	2,364	29	2,350	25	2,755	28	2,569	21	2,902	23	19
18	2,111	24	2,691	21	2,902	23	2,329	16	2,375	18	18
17	1,853	20	2,577	16	2,113	17	1,397	11	1,999	13	17
16	1,984	17	2,910	11	1,453	13	1,083	9	1,585	9	16
15	2,065	13	1,811	5	1,871	11	918	7	1,160	6	15
14	1,314	9	488	2	1,070	7	692	5	904	4	14
13	863	7	276	1	1,036	5	601	4	593	2	13
12	674	5	65	1	780	3	415	2	367	1	12
11	619	4	43	1	430	2	323	2	181	1	11
10	568	3	14	1	184	1	303	1	98	1	10
9	325	2	3	1	86	1	117	1	35	1	9
8	313	1	8	1	47	1	46	1	10	1	8
7	127	1	1	1	33	1	43	1	2	1	7
6	52	1	5	1	10	1	16	1	2	1	6
5	33	1	0	1	9	1	5	1	0	1	5
4	11	1	0	1	5	1	2	1	0	1	4
3	6	1	0	1	2	1	5	1	0	1	3
2	0	1	0	1	5	1	0	1	0	1	2
1	1	1	1	1	0	1	1	1	0	1	1
Avg (SD)	22.7 (6.1)		23.7 (5.3)		23.4 (6.1)		23.1 (4.9)		23.3 (5.0)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 52,771

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	3,089	100	879	100	1,991	100	3,155	100	4,813	100	1,056	100	1,200	100	18
17	3,253	94	1,242	98	3,630	96	4,066	94	4,262	91	838	98	407	98	17
16	4,036	88	4,695	96	4,169	89	4,883	86	2,746	83	3,118	96	3,341	97	16
15	2,670	80	3,865	87	3,438	81	3,442	77	4,818	78	3,543	91	4,763	91	15
14	4,677	75	5,554	80	4,685	75	4,987	71	5,198	68	7,809	84	6,215	82	14
13	2,608	66	5,667	69	5,299	66	4,923	61	6,397	59	8,911	69	6,827	70	13
12	4,854	61	6,137	58	5,512	56	4,765	52	5,259	46	5,412	52	7,310	57	12
11	5,471	52	6,493	47	4,230	46	4,324	43	5,226	37	6,212	42	6,482	43	11
10	5,805	42	4,565	35	4,788	38	4,239	35	3,478	27	6,195	30	5,414	31	10
9	4,323	31	5,252	26	4,720	28	3,626	27	3,005	20	3,772	18	3,850	20	9
8	3,712	23	2,888	16	3,504	20	4,166	20	3,424	14	3,047	11	2,918	13	8
7	2,968	16	2,033	10	3,842	13	2,060	12	2,710	8	1,103	5	1,843	8	7
6	2,140	10	1,398	7	1,318	6	2,059	8	935	3	688	3	1,101	4	6
5	1,323	6	892	4	823	3	1,294	4	272	1	598	2	178	2	5
4	964	3	828	2	429	2	397	1	129	1	101	1	633	2	4
3	542	2	264	1	251	1	284	1	68	1	245	1	13	1	3
2	302	1	103	1	99	1	92	1	21	1	6	1	224	1	2
1	34	1	16	1	43	1	9	1	10	1	117	1	52	1	1
Avg (SD)	11.5 (3.8)		11.6 (3.2)		11.8 (3.5)		12.1 (3.7)		12.7 (3.4)		12.0 (2.8)		11.8 (2.9)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	27	27	28	26	27
Q2 (50th Percentile)	23	24	23	23	23
Q1 (25th Percentile)	19	19	19	20	20

Total Students in Report: 52,771

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	52,771	81	23.8	21.2
	Black/African American	3,716	70	19.4	17.3
	American Indian/Alaska Native	145	70	21.9	17.5
	White	34,694	83	24.3	22.2
	Hispanic/Latino	5,454	74	21.3	18.5
	Asian	3,680	84	25.7	24.0
	Native Hawaiian/Other Pac. Isl.	60	75	23.4	20.9
	Two or more races	1,062	80	24.3	21.7
	Prefer not/No Response	3,960	81	24.3	22.0
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

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

²"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	22.7	23.7	23.4	23.1	23.3
	Black/African American	17.7	19.3	18.9	18.7	18.8
	American Indian/Alaska Native	19.6	21.3	20.9	20.9	20.8
	White	23.4	24.2	24.1	23.8	24.0
	Hispanic/Latino	19.6	21.1	20.8	20.5	20.6
	Asian	24.4	27.3	24.7	24.7	25.4
	Native Hawaiian/Other Pac. Isl.	21.9	23.9	22.9	22.2	22.8
	Two or more races	23.3	23.8	24.3	23.4	23.8
	Prefer not/No Response	23.5	24.2	24.1	23.3	23.9
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

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

Total Students in Report: 52,771

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	3,560	7	3,314	6	4,219	8	1,748	3
	28 to 32	7,965	15	8,616	16	10,312	20	6,724	13
	24 to 27	11,831	22	17,048	32	10,658	20	16,373	31
	20 to 23	14,132	27	10,550	20	12,791	24	17,061	32
	16 to 19	8,312	16	10,528	20	9,223	17	7,378	14
	13 to 15	4,242	8	2,575	5	3,977	8	2,211	4
	01 to 12	2,729	5	140	0	1,591	3	1,276	2
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	22,754	43	22.4	24.6	23.4	23.8	23.7
	Females	30,015	57	22.9	23.1	23.4	22.5	23.1
	Missing	2	0	26.0	28.0	24.0	25.0	26.0
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	78	72	67	54	46
	Females	81	64	68	42	37
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 52,771

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	42,582	83	23.2	72	24.2	71	23.9	51	23.5	44	23.8
	Less than Core	9,498	64	20.4	48	21.5	52	21.4	32	21.1	27	21.2
	Missing ³	691	69	20.7	54	21.9	56	21.7	35	21.6	29	21.6
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

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

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

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

⁴ Composite CRB% results reflect students who meet all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	51,245	80	22.7	50,215	69	24.0	46,659	68	23.5	48,806	50	23.4
	Less than Core	875	64	19.6	1,896	16	17.7	5,452	63	23.0	3,304	10	18.3
	Missing ³	651	71	21.0	660	55	22.1	660	56	21.9	661	35	21.7
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

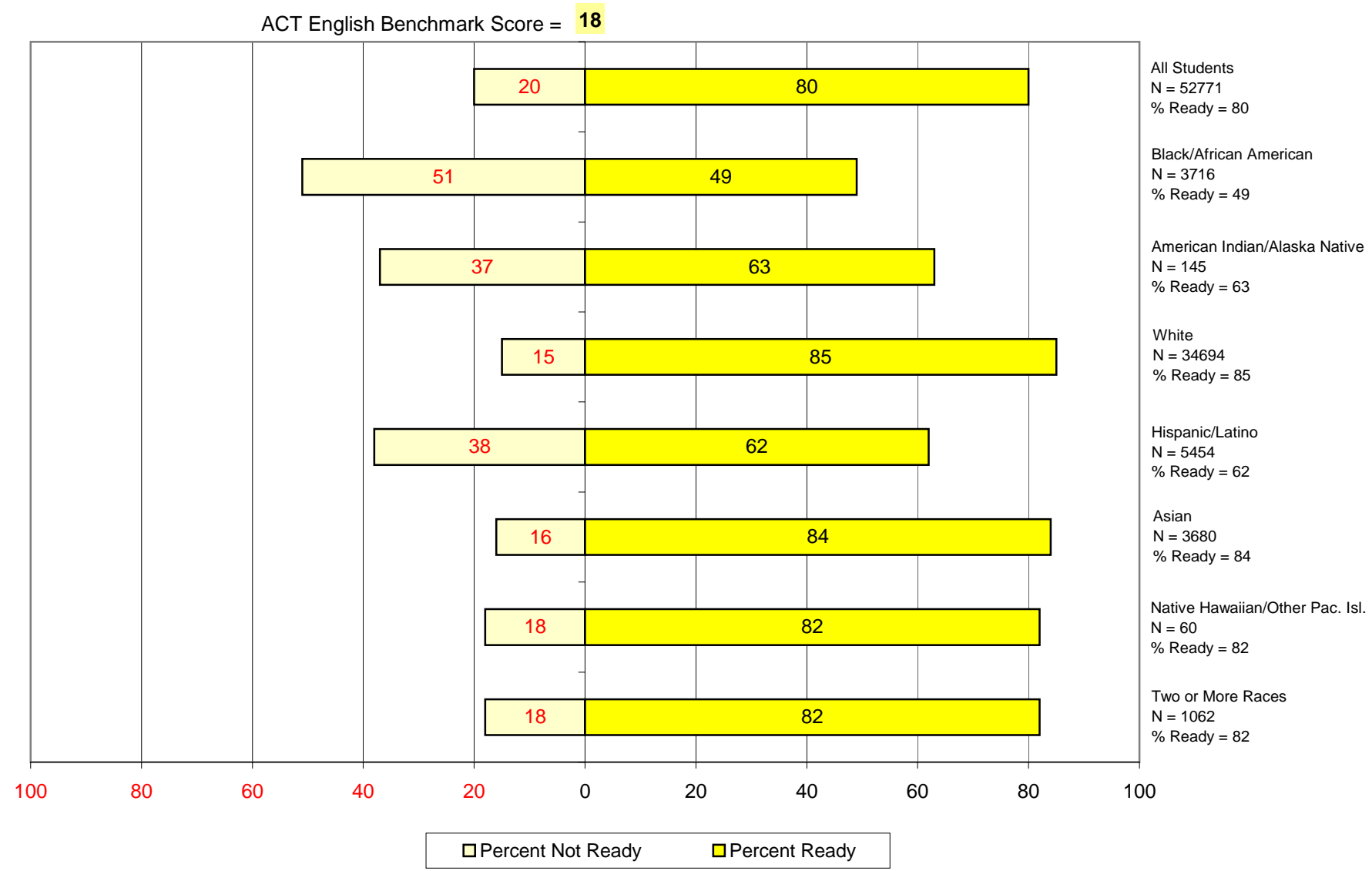
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

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

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

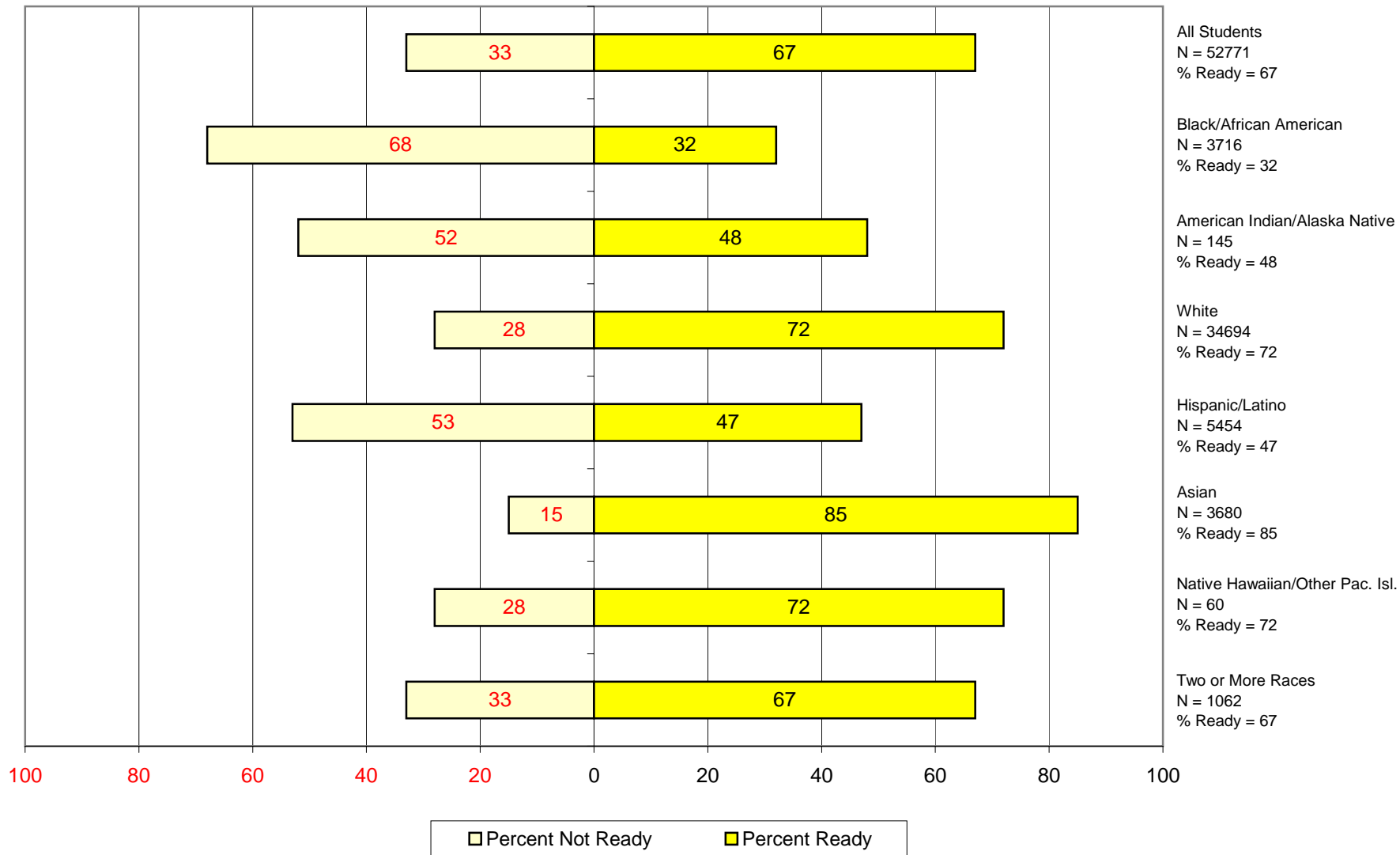


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 52,771

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

ACT Mathematics Benchmark Score = **22**

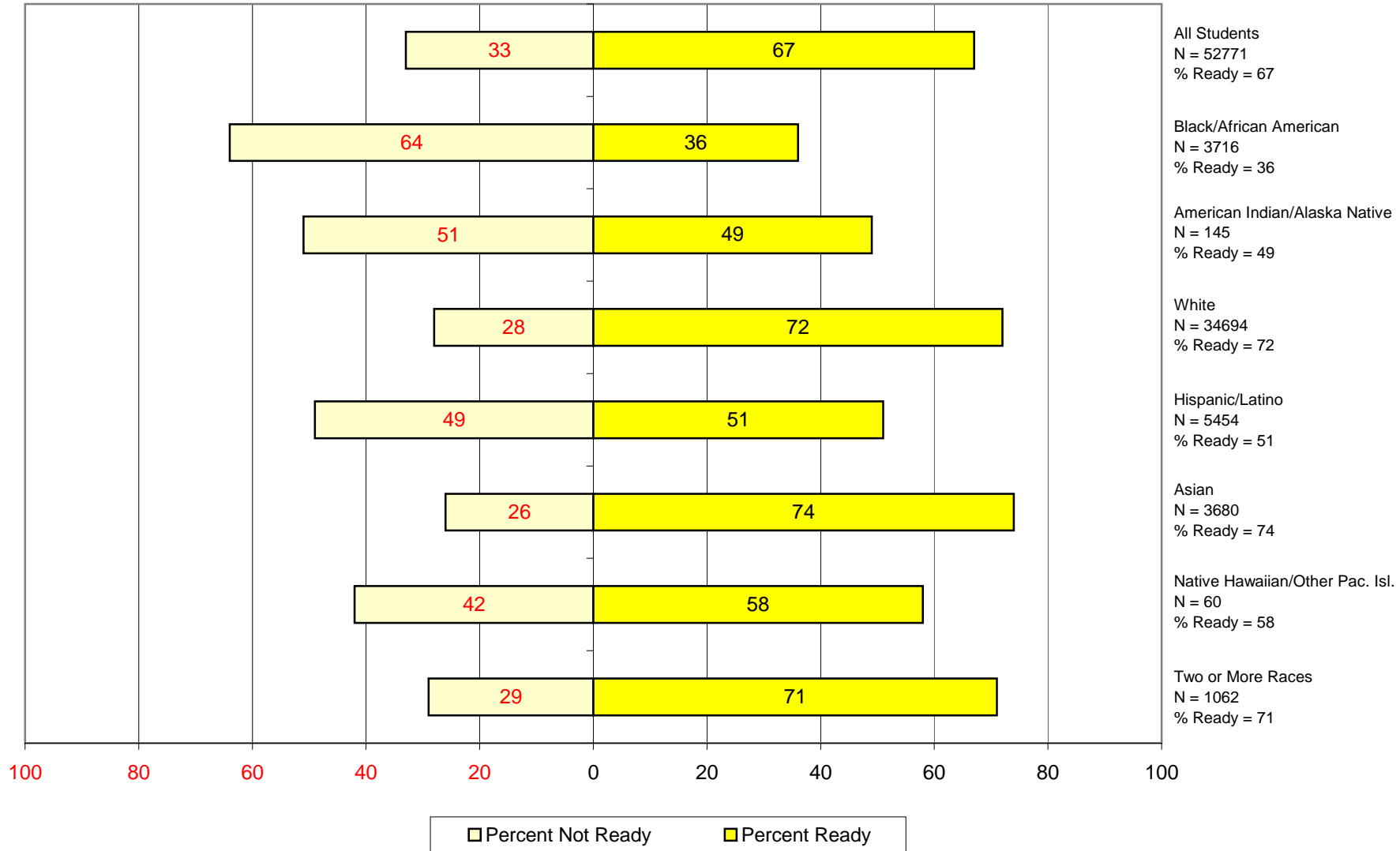


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 52,771

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

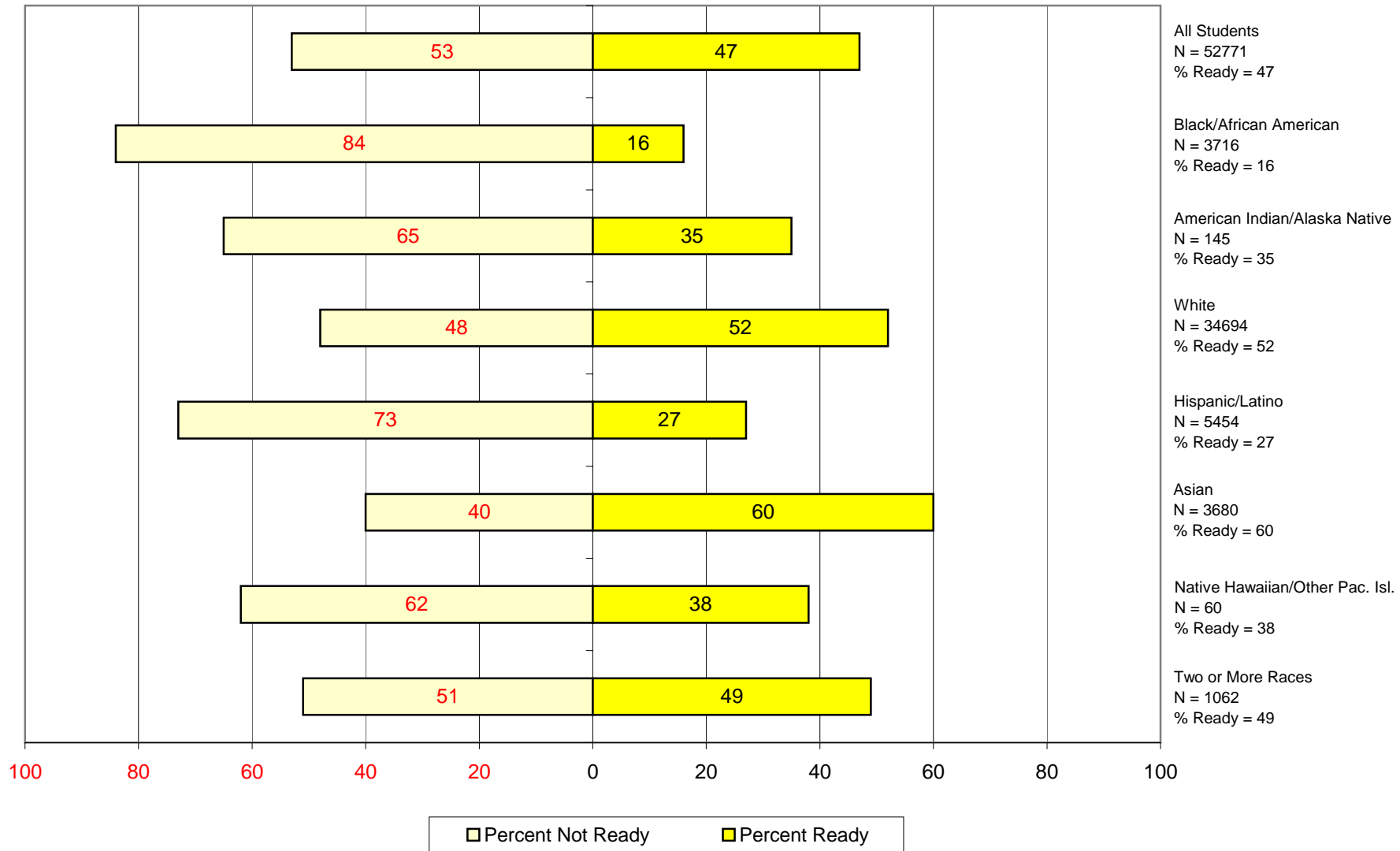
ACT Reading Benchmark Score = 21



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

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

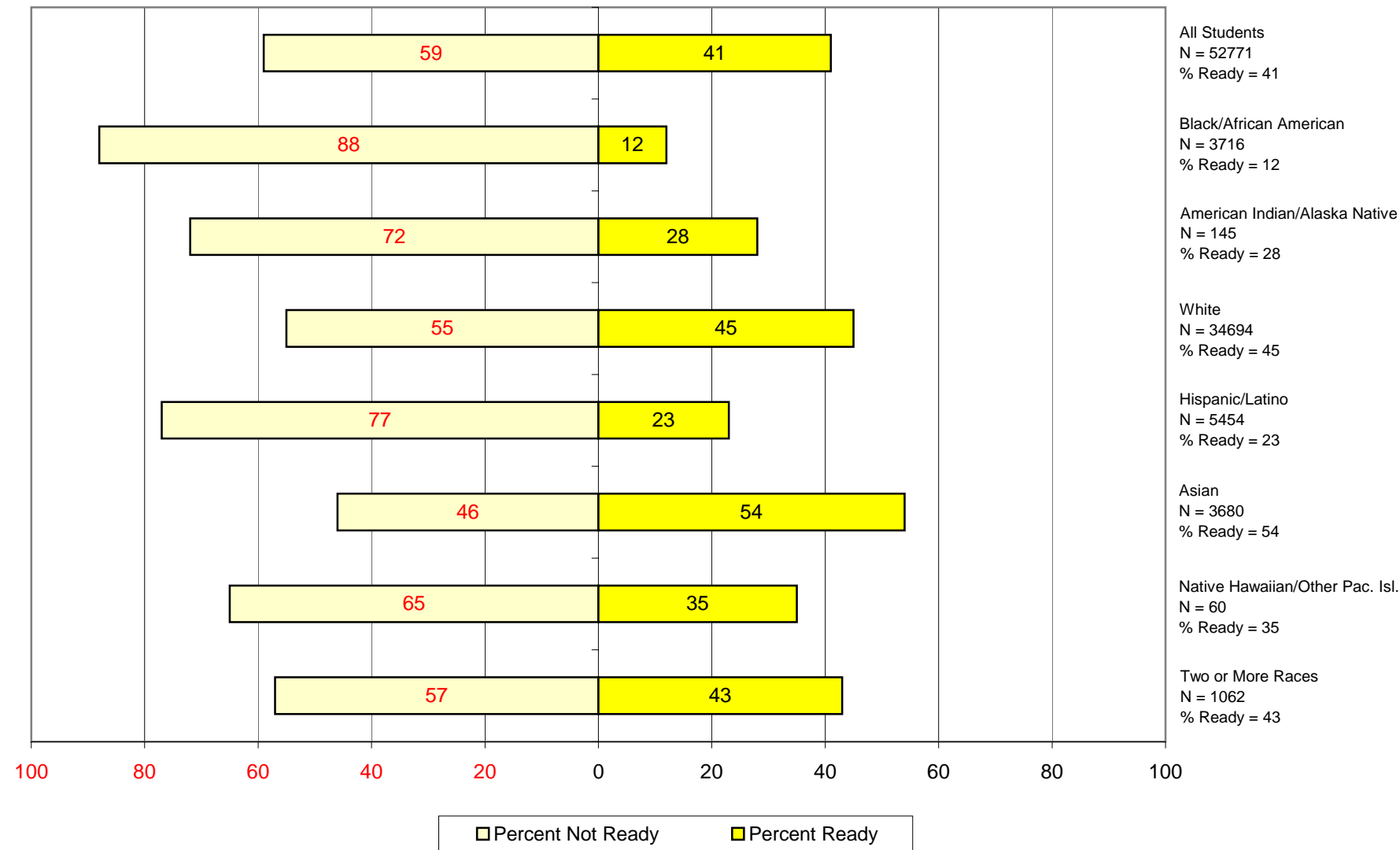
ACT Science Benchmark Score = **24**



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

Total Students in Report: 52,771

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



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

Total Students in Report: 52,771

Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	15,783	30	23.2	3.6	6,307	28	22.9	3.5	9,476	32	23.5	3.7
Eng 9, Eng 10, Eng 11, Eng 12	35,462	67	22.5	2.9	15,681	69	22.3	2.9	19,780	66	22.7	2.9
Less than 4 years of English	875	2	19.6	-	407	2	19.4	-	468	2	19.8	-
Zero years / no English courses reported	651	1	21.0	-	359	2	20.7	-	291	1	21.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	8,214	16	25.0	7.3	3,358	15	25.8	7.8	4,856	16	24.5	7.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	8,699	16	22.8	5.1	3,160	14	23.6	5.6	5,539	18	22.4	5.0
Alg 1, Alg 2, Geom, & Trig	6,915	13	20.3	2.6	2,487	11	20.9	2.9	4,428	15	20.0	2.6
Alg 1, Alg 2, Geom, & Other Adv Math	782	1	19.1	1.4	297	1	19.5	1.5	485	2	18.9	1.5
Other comb of 4 or more years of Math	22,672	43	25.8	8.1	11,083	49	26.4	8.4	11,588	39	25.3	7.9
Alg 1, Alg 2, & Geom	1,257	2	17.4	-0.3	522	2	17.8	-0.2	735	2	17.2	-0.2
Other comb of 3 or 3.5 years of Math	1,676	3	22.2	4.5	716	3	22.5	4.5	960	3	21.9	4.5
Less than 3 years of Math	1,896	4	17.7	-	768	3	18.0	-	1,128	4	17.4	-
Zero years / no Math courses reported	660	1	22.1	-	363	2	22.7	-	296	1	21.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,623	3	24.2	1.2	842	4	23.8	0.5	781	3	24.7	1.9
Other comb of 4 or more years Social Science	29,005	55	23.3	0.3	12,114	53	23.3	0.0	16,890	56	23.3	0.5
US Hist, World Hist, & Am Gov	1,663	3	23.9	0.9	764	3	23.7	0.4	899	3	24.0	1.2
Other comb of 3 or 3.5 years of Social Science	14,368	27	23.7	0.7	6,127	27	23.6	0.3	8,241	27	23.7	0.9
Less than 3 years of Social Science	5,452	10	23.0	-	2,544	11	23.3	-	2,908	10	22.8	-
Zero years / no Social Science courses reported	660	1	21.9	-	363	2	21.8	-	296	1	21.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	32,870	62	24.2	5.9	15,438	68	24.8	6.3	17,431	58	23.6	5.5
Bio, Chem, Phys	3,266	6	24.3	6.0	1,340	6	25.4	6.9	1,926	6	23.6	5.5
Gen Sci ² , Bio, Chem	11,650	22	21.2	2.9	3,784	17	21.4	2.9	7,866	26	21.1	3.0
Other comb of 3 years of Natural Science	1,020	2	20.8	2.5	468	2	21.9	3.4	552	2	19.8	1.7
Less than 3 years of Natural Science	3,304	6	18.3	-	1,363	6	18.5	-	1,941	6	18.1	-
Zero years / no Natural Science courses reported	661	1	21.7	-	361	2	22.3	-	299	1	20.9	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 52,771

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	15,783	30	23.2	82	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	35,462	67	22.5	79	1,178,400	71	20.5	67
Less than 4 years of English	875	2	19.6	64	64,748	4	16.5	41
Zero years / no English courses reported	651	1	21.0	71	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	8,214	16	25.0	80	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	8,699	16	22.8	67	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	6,915	13	20.3	40	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	782	1	19.1	28	279,658	17	19.9	36
Other comb of 4 or more years of Math	22,672	43	25.8	81	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	1,257	2	17.4	13	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,676	3	22.2	56	82,509	5	19.9	35
Less than 3 years of Math	1,896	4	17.7	16	69,741	4	16.6	8
Zero years / no Math courses reported	660	1	22.1	55	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,623	3	24.2	71	47,179	3	22.3	59
Other comb of 4 or more years Social Science	29,005	55	23.3	67	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	1,663	3	23.9	68	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	14,368	27	23.7	69	452,172	27	21.2	51
Less than 3 years of Social Science	5,452	10	23.0	63	149,266	9	19.7	40
Zero years / no Social Science courses reported	660	1	21.9	56	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	32,870	62	24.2	57	740,499	44	21.9	39
Bio, Chem, Phys	3,266	6	24.3	57	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	11,650	22	21.2	29	466,992	28	20.0	22
Other comb of 3 years of Natural Science	1,020	2	20.8	29	45,992	3	19.5	20
Less than 3 years of Natural Science	3,304	6	18.3	10	194,661	12	18.4	13
Zero years / no Natural Science courses reported	661	1	21.7	35	46,139	3	17.9	14

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

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

Total Students in Report: 52,771

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

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	434	1	22.0	28	4	17.3	351	1	22.4
Architecture	699	1	22.8	10	2	19.4	575	1	22.8
Area, Ethnic, & Multidisciplinary Studies	89	0	24.5	0	0	.	81	0	24.3
Arts: Visual & Performing	2,672	5	22.5	31	5	19.8	2,243	5	22.6
Business	5,926	11	22.8	111	18	20.0	4,904	11	22.8
Communications	1,651	3	22.8	13	2	18.3	1,397	3	22.7
Community, Family, & Personal Services	613	1	20.0	21	3	17.1	531	1	20.1
Computer Science & Mathematics	1,273	2	24.3	19	3	18.3	1,075	2	24.3
Education	3,644	7	21.7	30	5	17.9	3,135	7	21.8
Engineering	3,655	7	25.5	16	3	17.8	3,152	7	25.5
Engineering Technology & Drafting	437	1	21.5	18	3	15.9	363	1	21.9
English & Foreign Languages	888	2	25.1	4	1	16.3	755	2	25.0
Health Administration & Assisting	856	2	20.3	29	5	17.2	682	2	20.2
Health Sciences & Technologies	7,991	15	23.1	74	12	18.1	7,002	16	23.2
Philosophy, Religion, & Theology	123	0	22.3	2	0	18.5	97	0	23.0
Repair, Production, & Construction	144	0	18.2	59	9	17.7	70	0	18.8
Sciences: Biological & Physical	5,467	10	25.0	11	2	18.0	4,735	11	25.0
Social Sciences & Law	5,081	10	23.0	29	5	18.7	4,381	10	23.0
Undecided	10,362	20	23.8	113	18	18.4	7,287	17	23.8
No Response	766	1	21.7	5	1	18.6	275	1	22.1

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

²2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

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

Total Students in Report: 52,771

Table 4.2. Average ACT Composite Scores for Racial/Ethnic¹ Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	189	19.7	20	17.1	1	22.0	95	20.3	37	18.5
2-yr College Degree	434	17.8	32	15.5	5	17.8	335	18.4	32	15.0
Bachelors Degree	16,708	21.5	1,177	16.9	54	19.6	11,929	22.3	1,696	19.0
Graduate Study	12,991	24.2	657	19.6	23	22.2	9,424	24.7	1,121	22.0
Prof. Level Degree	13,392	24.9	1,268	20.4	32	21.8	7,437	25.8	1,578	22.1
Other	708	21.9	52	18.1	4	18.3	421	22.8	108	18.7
No Response	8,349	23.6	510	18.1	26	21.8	5,053	24.4	882	19.8

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	189	19.7	20	22.6	2	13.0	5	17.0	9	19.3
2-yr College Degree	434	17.8	3	14.3	1	16.0	7	19.4	19	16.9
Bachelors Degree	16,708	21.5	663	22.7	16	21.1	322	22.2	851	21.4
Graduate Study	12,991	24.2	643	25.5	9	23.4	240	24.0	874	24.3
Prof. Level Degree	13,392	24.9	1,538	26.3	25	24.3	333	25.1	1,181	25.5
Other	708	21.9	48	24.6	0	.	10	22.8	65	22.9
No Response	8,349	23.6	765	26.0	7	24.0	145	24.7	961	24.1

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

Total Students in Report: 52,771

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 AT BUFFALO/SUNY	New York	1,657	566	1,091	1	3	14	34	32	15	2
BINGHAMTON UNIVERSITY-SUNY	New York	1,396	452	944	1	2	8	25	37	25	2
STONY BROOK UNIVERSITY/SUNY	New York	1,236	414	822	1	5	15	34	31	14	1
UNIVERSITY AT ALBANY/SUNY	New York	918	237	681	1	6	17	35	30	10	1
SYRACUSE UNIVERSITY	New York	856	250	606	1	4	14	29	31	19	1
CITY UNIVERSITY OF NEW YORK	New York	853	546	307	10	16	25	25	15	8	1
CORNELL UNIVERSITY	New York	815	292	523	0	1	4	18	28	38	11
STATE UNIV OF NY COLL AT CORTLAND	New York	789	250	539	1	4	23	43	25	4	0
ROCHESTER INST OF TECHNOLOGY	New York	770	302	468	0	1	6	22	37	30	3
STATE UNIV OF NY COLL AT BROCKPORT	New York	745	199	546	1	5	25	40	25	5	0
STATE UNIV OF NY COLL AT GENESEO	New York	704	180	524	0	1	5	25	38	28	3
STATE UNIV OF NY COLL AT OSWEGO	New York	684	178	506	0	3	21	40	28	8	0
NEW YORK UNIVERSITY	New York	677	208	469	0	3	11	27	30	25	3
STATE UNIV OF NY COLL AT ONEONTA	New York	623	176	447	1	3	22	42	25	7	0
NCAA ELIGIBILITY CENTER	Indiana	604	363	241	2	6	19	32	25	14	2
STATE UNIV OF NY COLL AT BUFFALO	New York	548	120	428	2	6	27	38	20	8	0
STATE UNIV OF NY COLL AT FREDONIA	New York	536	148	388	0	3	19	39	30	8	1
BOSTON UNIVERSITY	Massachusetts	492	149	343	0	1	4	20	39	33	4
UNIVERSITY OF ROCHESTER	New York	477	144	333	0	1	6	16	30	39	9
STATE UNIV OF NEW YORK AT NEW PALTZ	New York	467	112	355	2	4	17	36	32	8	0
ITHACA COLLEGE	New York	463	99	364	0	1	11	28	40	19	1
FORDHAM UNIVERSITY	New York	435	103	332	1	3	13	30	32	20	2
HOFSTRA UNIVERSITY	New York	431	90	341	0	2	19	39	25	12	1
CANISIUS COLLEGE	New York	400	147	253	1	3	16	38	30	13	1
STATE UNIV OF NY COLL AT PLATTSBURGH	New York	391	108	283	1	4	31	41	19	4	0
ST JOHN FISHER COLLEGE	New York	370	102	268	0	4	14	39	31	12	1
NORTHEASTERN UNIVERSITY	Massachusetts	358	84	274	0	1	2	17	39	36	5
ADELPHI UNIVERSITY	New York	338	90	248	1	8	30	37	18	6	0
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	334	89	245	0	3	10	28	33	25	1
SAINT JOHN'S UNIVERSITY	New York	333	95	238	1	8	23	34	25	8	0
All Other Institutions		27,313	7,961	19,352	1	5	17	29	27	18	3
Total		47,013	14,254	32,759	1	5	16	30	28	17	2

Section V

Optional Writing Test Results

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

Total Students in Report: 52,771

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity¹ and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	42,397	931,148	23.3	21.5	7.5	7.1	22.5	20.7
Black/African American	2,944	113,247	18.2	16.6	6.9	6.2	18.2	16.4
American Indian/Alaska Native	108	5,233	20.1	17.8	7.0	6.5	19.6	17.5
White	27,184	518,974	24.1	23.2	7.6	7.2	23.1	22.1
Hispanic/Latino	4,578	150,249	20.0	18.5	7.2	6.8	19.8	18.3
Asian	3,345	53,381	24.9	23.7	7.8	7.6	23.9	22.8
Native Hawaiian/Other Pac. Isl.	57	2,851	22.3	19.9	7.4	7.1	21.7	19.6
Two or more races	865	32,346	24.1	21.9	7.5	7.1	23.1	21.1
Prefer not/No Response	3,316	54,867	24.2	21.8	7.6	7.1	23.3	21.0
Males	17,731	413,617	23.1	21.2	7.4	6.8	22.2	20.3
Females	24,665	515,745	23.4	21.7	7.6	7.2	22.7	21.1
Missing	1	1,786	31.0	16.8	8.0	6.3	29.0	16.6

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

