

ACT Profile Report - National

Graduating Class 2011 - Hispanic/Latino Students
National



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 2011 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 2011 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

11% 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: 200,661 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. 72% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 5% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 17% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 7% of these students were college ready. In comparison, 38% 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 14% of the cohort took less than three years of natural science courses. 6% of these students were college ready. In comparison, 17% 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 61% 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 1-800-553-6244 x1726.

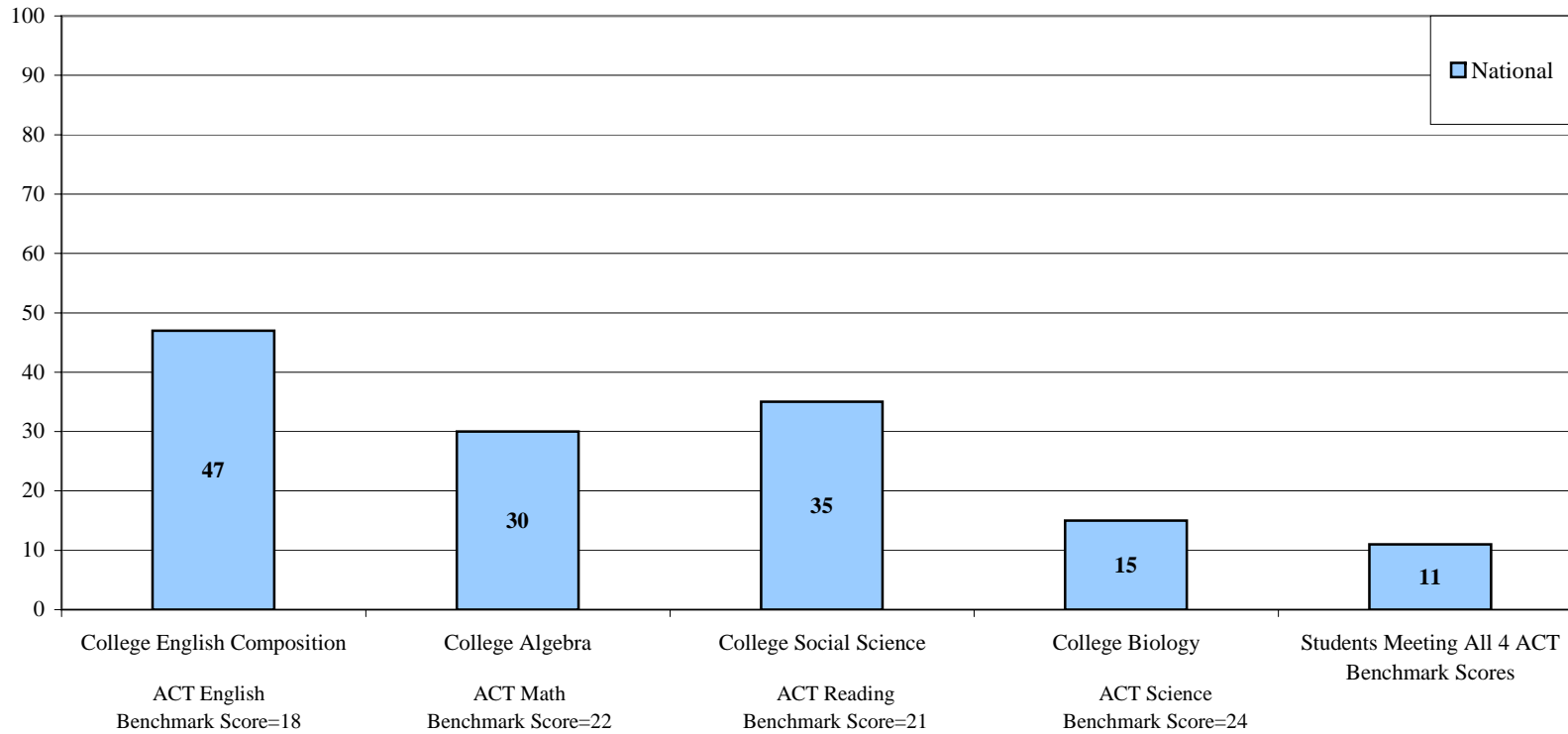
Section I

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.

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.

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

Year	Number of Students Tested National	Percent Meeting Benchmarks				
		English National	Mathematics National	Reading National	Science National	Meeting All Four National
2007	93,137	49	26	34	13	10
2008	114,697	49	26	35	13	10
2009	133,569	48	27	35	13	10
2010	157,579	46	27	34	14	11
2011	200,661	47	30	35	15	11

Table 1.2. Five Year Trends—Average ACT Scores (table omitted for this report)

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2007	93,137	17.6	19.0	18.8	18.8	18.7
2008	114,697	17.7	19.0	18.9	18.7	18.7
2009	133,569	17.7	19.1	18.9	18.8	18.7
2010	157,579	17.3	19.0	18.7	18.7	18.6
2011	200,661	17.6	19.2	18.9	18.8	18.7

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
2007	46,873	33,951	50	36	18.6	16.5	19.8	18.0	19.7	17.9	19.5	17.9	19.5	17.7
2008	69,127	36,450	60	32	18.7	16.3	19.9	17.8	19.8	17.6	19.4	17.6	19.6	17.4
2009	88,960	37,750	67	28	18.7	16.0	19.9	17.6	19.8	17.4	19.4	17.5	19.6	17.3
2010	106,995	43,137	68	27	18.3	15.5	19.8	17.5	19.5	17.2	19.4	17.3	19.4	17.0
2011	143,964	48,380	72	24	18.4	15.8	19.9	17.7	19.5	17.3	19.4	17.3	19.4	17.2

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.

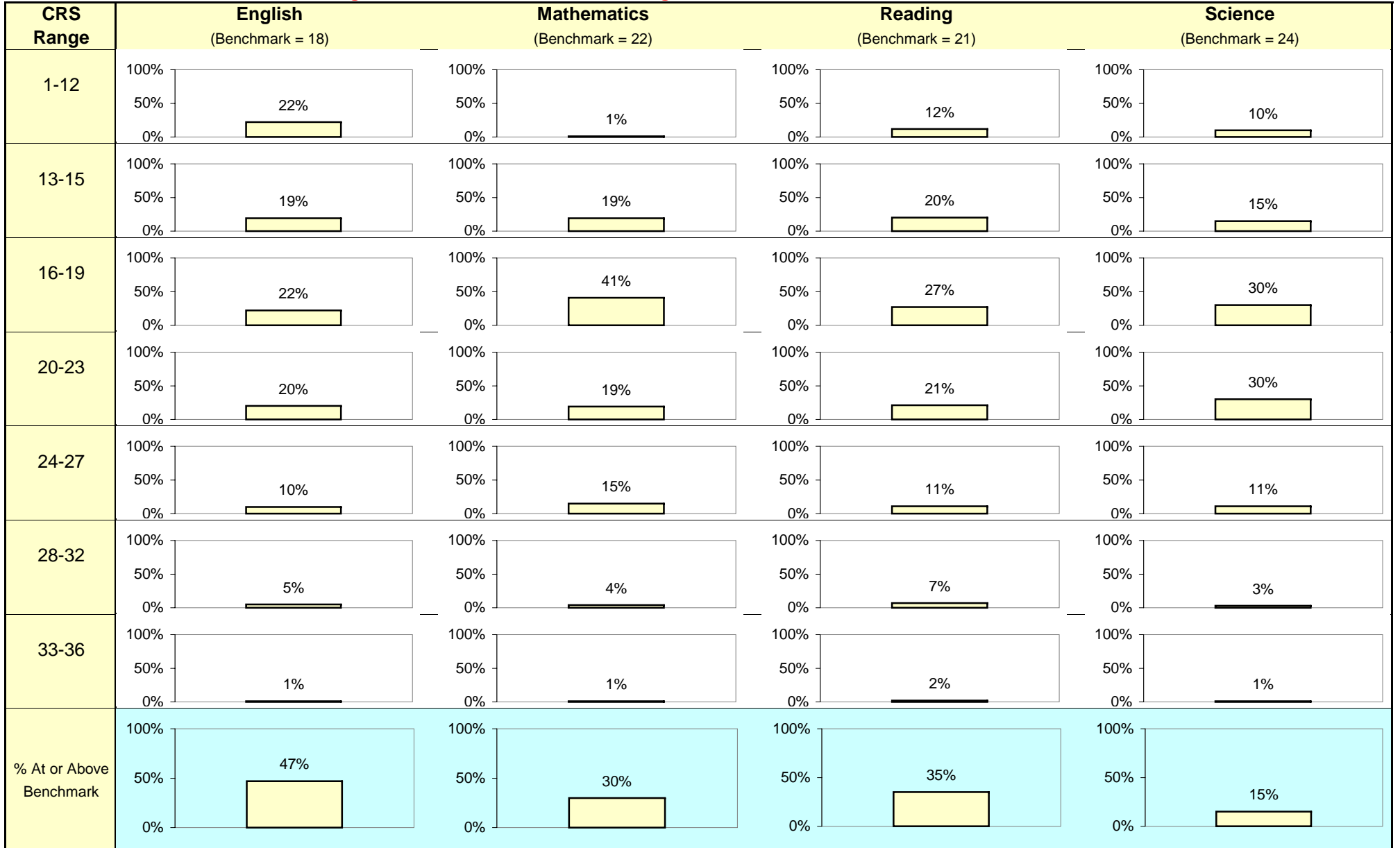
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.


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

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	93,137	100	18.7	114,697	100	18.7	133,569	100	18.7	157,579	100	18.6	200,661	100	18.7
Black/African American	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
American Indian/Alaska Native	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
White	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
Hispanic/Latino	93,137	100	18.7	114,697	100	18.7	133,569	100	18.7	157,579	100	18.6	200,661	100	18.7
Asian	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
Two or more races	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
Prefer not to respond/No response	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.

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

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



 = National

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.

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	142	100	180	100	470	100	134	100	10	100	36
35	756	100	366	100	625	100	212	100	105	100	35
34	805	100	626	100	1,229	99	204	100	274	100	34
33	1,096	99	633	99	1,710	99	526	100	467	100	33
32	1,284	99	966	99	2,104	98	424	99	793	100	32
31	1,655	98	961	99	2,252	97	621	99	1,180	99	31
30	1,676	97	1,224	98	2,943	96	1,063	99	1,662	99	30
29	2,255	96	1,982	98	2,673	94	1,280	98	2,263	98	29
28	2,822	95	2,885	97	3,443	93	2,587	98	2,991	97	28
27	3,675	94	4,617	95	4,170	91	2,805	96	3,711	95	27
26	3,926	92	6,332	93	4,445	89	4,461	95	4,903	93	26
25	5,233	90	7,865	90	6,024	87	5,986	93	6,231	91	25
24	8,175	87	10,344	86	8,232	84	8,987	90	7,882	88	24
23	6,762	83	11,489	81	7,198	80	12,544	85	9,414	84	23
22	9,972	80	9,533	75	10,844	76	10,686	79	10,958	79	22
21	12,644	75	7,671	70	11,879	71	17,762	74	12,596	74	21
20	11,530	69	10,300	66	12,158	65	19,528	65	14,032	67	20
19	11,091	63	11,858	61	13,124	59	16,528	55	15,154	60	19
18	9,556	57	17,208	55	14,336	52	18,795	47	16,285	53	18
17	10,385	53	20,402	47	13,357	45	12,908	38	17,024	45	17
16	13,923	47	32,706	36	12,822	39	12,013	31	17,057	36	16
15	15,587	41	24,387	20	13,616	32	12,538	25	16,337	28	15
14	13,580	33	9,967	8	17,335	25	9,669	19	14,870	20	14
13	8,400	26	4,526	3	9,462	17	8,525	14	12,145	12	13
12	9,128	22	987	1	11,486	12	6,786	10	7,683	6	12
11	10,005	17	420	1	6,889	6	5,328	7	3,236	2	11
10	9,083	12	131	1	2,871	3	4,946	4	942	1	10
9	6,608	8	28	1	1,421	1	1,613	1	298	1	9
8	5,088	4	41	1	753	1	673	1	111	1	8
7	2,427	2	1	1	358	1	211	1	32	1	7
6	906	1	19	1	206	1	173	1	13	1	6
5	292	1	0	1	126	1	39	1	2	1	5
4	132	1	5	1	57	1	43	1	0	1	4
3	51	1	0	1	19	1	43	1	0	1	3
2	8	1	0	1	19	1	0	1	0	1	2
1	3	1	1	1	5	1	20	1	0	1	1
Avg (SD)	17.6 (6.0)		19.2 (4.5)		18.9 (5.7)		18.8 (4.7)		18.7 (4.7)		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.

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	2,361	100	986	100	1,876	100	2,426	100	2,994	100	693	100	1,058	100	18
17	3,965	99	154	100	3,062	99	6,865	99	3,806	99	825	100	34	99	17
16	4,042	97	5,096	99	6,855	98	7,131	95	3,859	97	1,972	99	2,077	99	16
15	5,825	95	6,711	97	5,659	94	8,737	92	6,974	95	3,206	98	5,564	98	15
14	5,725	92	6,545	94	6,458	91	7,339	87	9,898	91	9,285	97	9,913	96	14
13	7,859	89	9,966	90	10,124	88	11,467	84	14,555	86	17,659	92	10,982	91	13
12	9,432	85	15,298	85	18,390	83	12,758	78	11,549	79	14,672	83	19,625	85	12
11	14,802	80	20,698	78	15,334	74	18,542	72	22,744	73	27,273	76	20,147	75	11
10	22,155	73	19,762	67	20,061	66	16,380	62	15,478	62	31,313	62	33,763	65	10
9	18,107	62	27,908	58	25,837	56	19,925	54	18,567	54	36,922	47	28,311	49	9
8	19,508	53	21,081	44	26,175	43	18,695	44	29,590	45	22,347	28	27,955	34	8
7	19,958	43	20,078	33	25,092	30	17,328	35	34,435	30	14,565	17	13,459	21	7
6	21,332	33	14,923	23	14,742	18	23,768	26	16,003	13	7,334	10	12,571	14	6
5	16,376	23	12,196	16	10,349	10	16,102	15	6,330	5	7,196	6	5,536	8	5
4	14,584	15	11,771	10	6,082	5	8,300	7	2,474	2	1,450	3	5,038	5	4
3	10,184	7	5,804	4	3,000	2	3,355	2	1,027	1	2,644	2	1,815	2	3
2	3,999	2	1,412	1	1,053	1	1,440	1	317	1	411	1	2,017	1	2
1	447	1	272	1	512	1	103	1	61	1	894	1	796	1	1
Avg (SD)	8.5 (3.7)		9.0 (3.3)		9.4 (3.3)		9.5 (3.7)		9.7 (3.2)		9.8 (2.7)		9.6 (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)	22	23	22	22	22
Q2 (50th Percentile)	17	18	18	19	18
Q1 (25th Percentile)	13	16	14	15	15

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
National	All Students	200,661	72	19.4	17.2
	Black/African American	0	.	.	.
	American Indian/Alaska Native	0	.	.	.
	White	0	.	.	.
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	0	.	.	.
	Native Hawaiian/Other Pac. Isl.	0	.	.	.
	Two or more races	0	.	.	.
	Prefer not/No Response	0	.	.	.

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
National	All Students	17.6	19.2	18.9	18.8	18.7
	Black/African American	.	.	.	.	.
	American Indian/Alaska Native	.	.	.	.	.
	White	.	.	.	.	.
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	.	.	.	.	.
	Native Hawaiian/Other Pac. Isl.	.	.	.	.	.
	Two or more races	.	.	.	.	.
	Prefer not/No Response	.	.	.	.	.

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

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	%
National	33 to 36	2,799	1	1,805	1	4,034	2	1,076	1
	28 to 32	9,692	5	8,018	4	13,415	7	5,975	3
	24 to 27	21,009	10	29,158	15	22,871	11	22,239	11
	20 to 23	40,908	20	38,993	19	42,079	21	60,520	30
	16 to 19	44,955	22	82,174	41	53,639	27	60,244	30
	13 to 15	37,567	19	38,880	19	40,413	20	30,732	15
	01 to 12	43,731	22	1,633	1	24,210	12	19,875	10

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
National	Males	86,393	43	17.4	19.8	18.8	19.2	18.9
	Females	114,230	57	17.8	18.8	18.9	18.4	18.6
	Missing	38	0	13.7	15.7	15.4	15.1	15.1

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	
National	Males	46	35	35	18	14
	Females	49	26	35	12	9

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
National	Core or More ²	143,964	53	18.4	35	19.9	40	19.5	17	19.4	14	19.4
	Less than Core	48,380	34	15.8	17	17.7	24	17.3	8	17.3	6	17.2
	Missing ³	8,317	23	14.1	11	16.8	16	16.0	5	16.3	4	15.9

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
National	Core or More ²	184,241	49	17.9	182,494	32	19.5	173,167	37	19.2	164,452	17	19.2
	Less than Core	9,211	24	14.2	10,616	4	15.8	19,938	24	17.3	28,500	6	16.9
	Missing ³	7,209	24	14.2	7,551	11	16.9	7,556	16	16.1	7,709	5	16.4

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

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

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

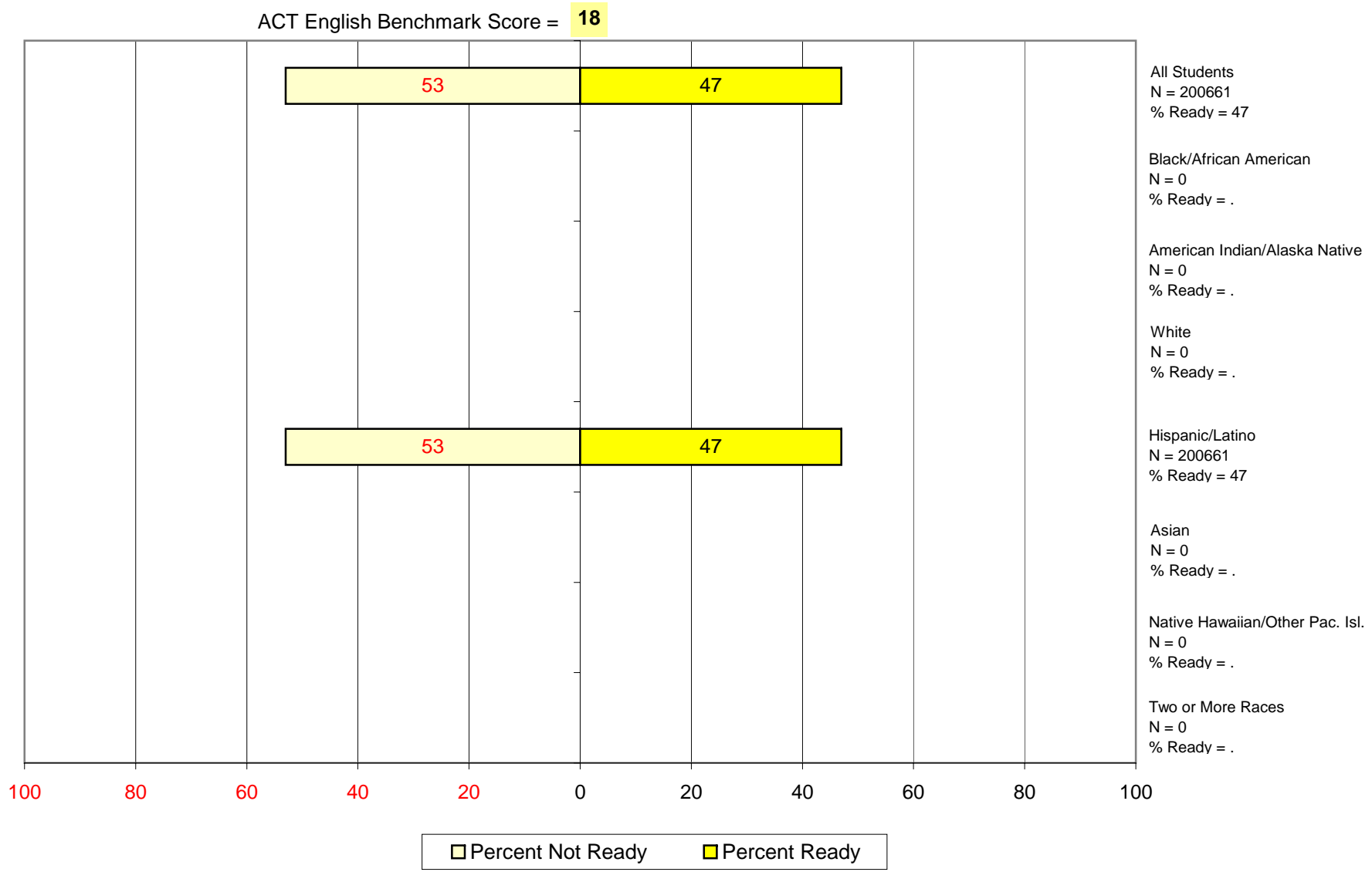
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

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

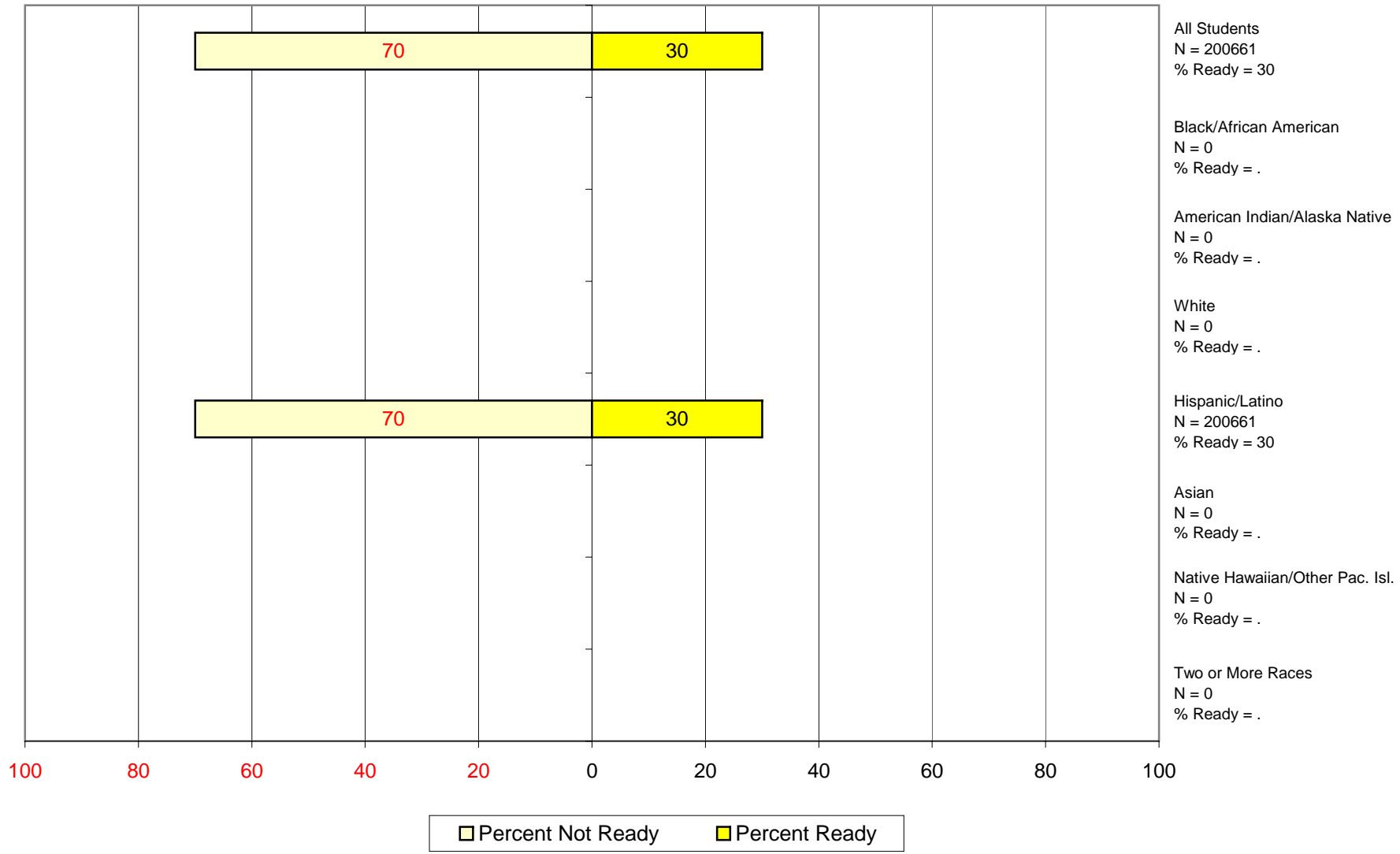
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

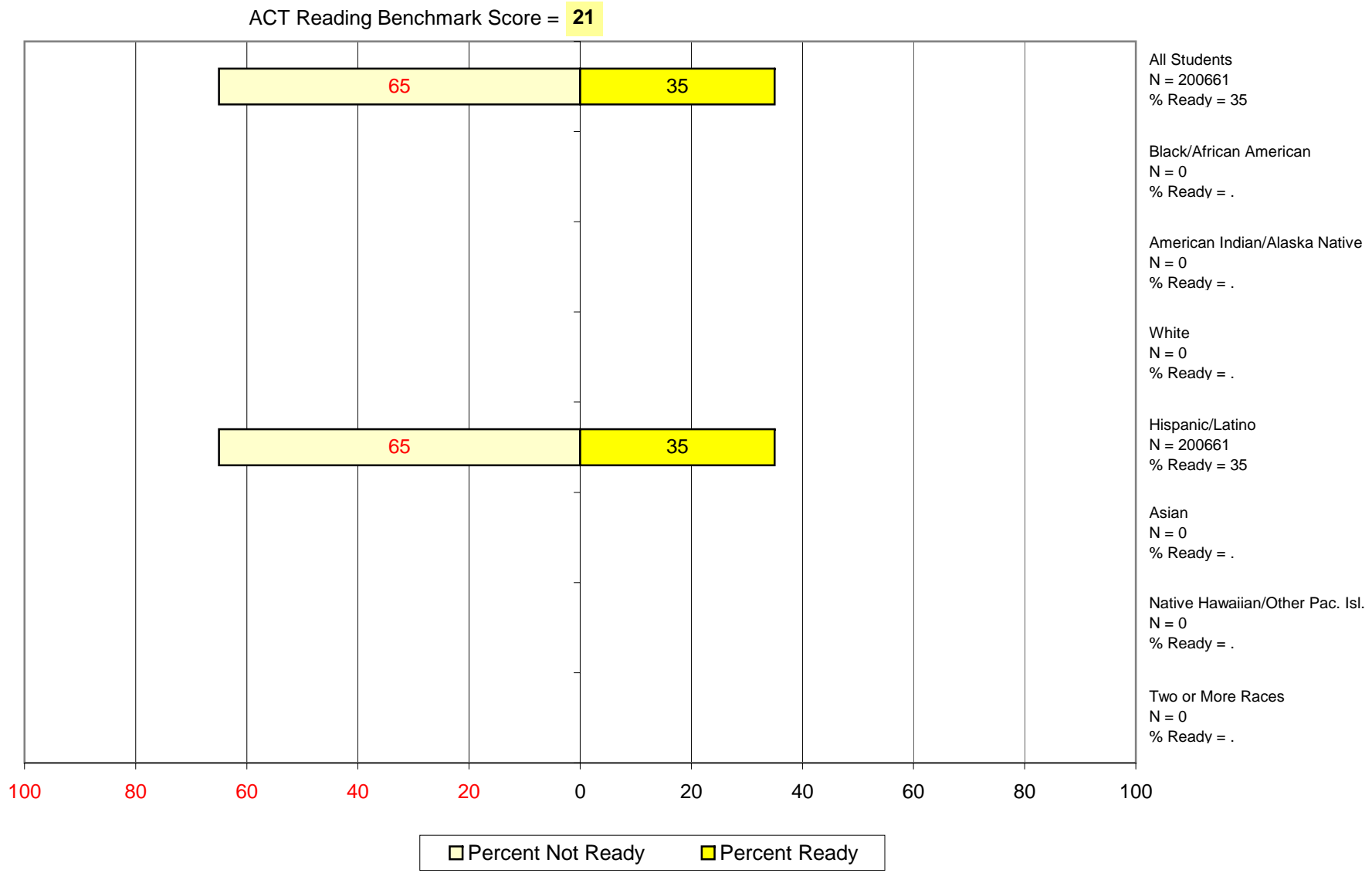
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

ACT Mathematics Benchmark Score = **22**



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

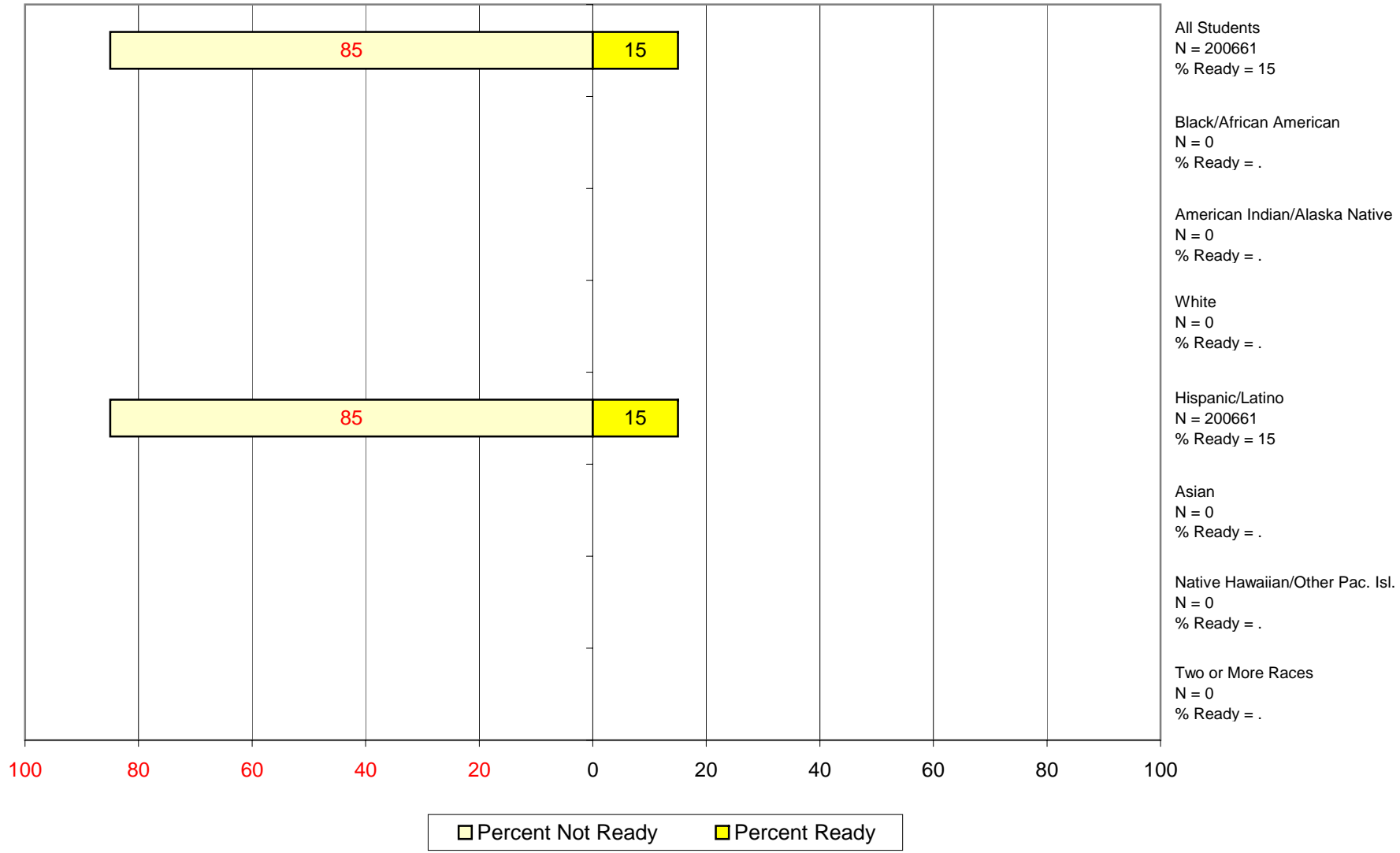
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING



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

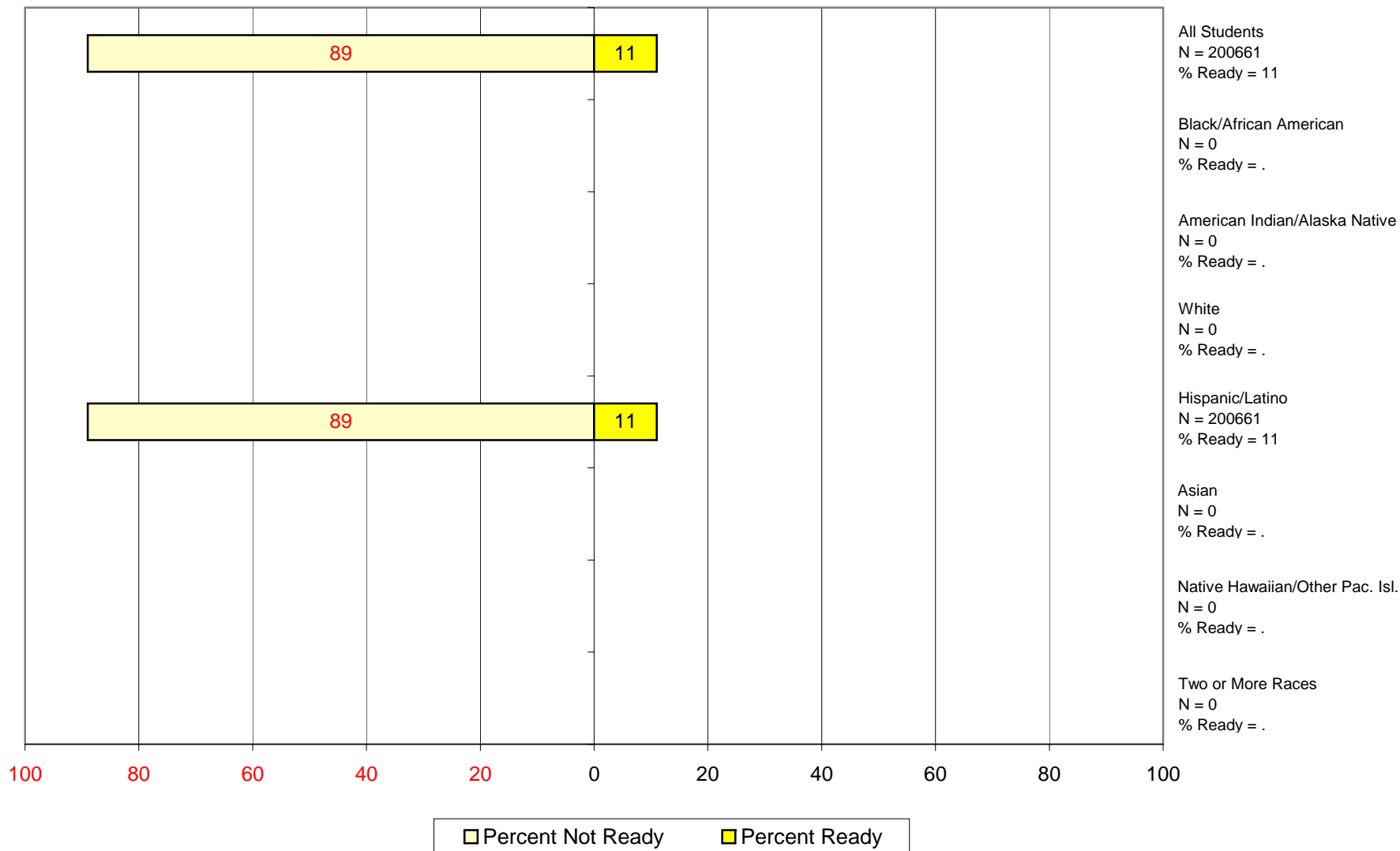
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE

ACT Science Benchmark Score = **24**



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

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.

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	38,854	19	18.5	4.3	15,973	18	18.2	4.3	22,875	20	18.7	4.2
Eng 9, Eng 10, Eng 11, Eng 12	145,387	72	17.8	3.6	62,076	72	17.6	3.7	83,290	73	17.9	3.4
Less than 4 years of English	9,211	5	14.2	-	4,578	5	13.9	-	4,626	4	14.5	-
Zero years / no English courses reported	7,209	4	14.2	-	3,766	4	14.0	-	3,439	3	14.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	10,953	5	21.6	5.8	4,767	6	22.4	6.4	6,185	5	20.9	5.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	14,539	7	20.8	5.0	5,404	6	21.5	5.5	9,135	8	20.4	4.7
Alg 1, Alg 2, Geom, & Trig	15,072	8	18.4	2.6	6,246	7	18.9	2.9	8,822	8	18.1	2.4
Alg 1, Alg 2, Geom, & Other Adv Math	37,351	19	18.9	3.1	14,325	17	19.4	3.4	23,022	20	18.6	2.9
Other comb of 4 or more years of Math	58,341	29	21.4	5.6	27,280	32	22.1	6.1	31,057	27	20.7	5.0
Alg 1, Alg 2, & Geom	34,878	17	16.7	0.9	14,580	17	16.9	0.9	20,286	18	16.5	0.8
Other comb of 3 or 3.5 years of Math	11,360	6	18.8	3.0	4,909	6	19.3	3.3	6,448	6	18.4	2.7
Less than 3 years of Math	10,616	5	15.8	-	4,924	6	16.0	-	5,686	5	15.7	-
Zero years / no Math courses reported	7,551	4	16.9	-	3,958	5	17.2	-	3,589	3	16.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	3,720	2	19.9	2.6	1,816	2	19.6	2.5	1,904	2	20.1	2.7
Other comb of 4 or more years Social Science	105,925	53	19.5	2.2	43,655	51	19.5	2.4	62,255	54	19.5	2.1
US Hist, World Hist, & Am Gov	8,782	4	18.0	0.7	4,055	5	17.9	0.8	4,726	4	18.1	0.7
Other comb of 3 or 3.5 years of Social Science	54,740	27	18.7	1.4	23,441	27	18.7	1.6	31,288	27	18.6	1.2
Less than 3 years of Social Science	19,938	10	17.3	-	9,461	11	17.1	-	10,470	9	17.4	-
Zero years / no Social Science courses reported	7,556	4	16.1	-	3,965	5	15.9	-	3,587	3	16.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	79,776	40	19.5	2.6	36,480	42	20.2	3.3	43,284	38	19.0	2.1
Bio, Chem, Phys	26,668	13	20.0	3.1	11,259	13	20.9	4.0	15,408	13	19.4	2.5
Gen Sci ² , Bio, Chem	52,317	26	18.4	1.5	19,814	23	18.7	1.8	32,495	28	18.3	1.4
Other comb of 3 years of Natural Science	5,691	3	17.6	0.7	2,775	3	18.1	1.2	2,915	3	17.1	0.2
Less than 3 years of Natural Science	28,500	14	16.9	-	12,035	14	16.9	-	16,453	14	16.9	-
Zero years / no Natural Science courses reported	7,709	4	16.4	-	4,030	5	16.5	-	3,675	3	16.3	-

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.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN				
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	38,854	19	18.5	53
Eng 9, Eng 10, Eng 11, Eng 12	145,387	72	17.8	48
Less than 4 years of English	9,211	5	14.2	24
Zero years / no English courses reported	7,209	4	14.2	24
MATHEMATICS COURSE PATTERN				
Alg 1, Alg 2, Geom, Trig, & Calc	10,953	5	21.6	51
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	14,539	7	20.8	45
Alg 1, Alg 2, Geom, & Trig	15,072	8	18.4	21
Alg 1, Alg 2, Geom, & Other Adv Math	37,351	19	18.9	25
Other comb of 4 or more years of Math	58,341	29	21.4	49
Alg 1, Alg 2, & Geom	34,878	17	16.7	7
Other comb of 3 or 3.5 years of Math	11,360	6	18.8	26
Less than 3 years of Math	10,616	5	15.8	4
Zero years / no Math courses reported	7,551	4	16.9	11
SOCIAL SCIENCE COURSE PATTERN				
US Hist, World Hist, Am Gov, & Other Hist	3,720	2	19.9	41
Other comb of 4 or more years Social Science	105,925	53	19.5	40
US Hist, World Hist, & Am Gov	8,782	4	18.0	28
Other comb of 3 or 3.5 years of Social Science	54,740	27	18.7	33
Less than 3 years of Social Science	19,938	10	17.3	24
Zero years / no Social Science courses reported	7,556	4	16.1	16
NATURAL SCIENCE COURSE PATTERN				
Gen Sci ¹ , Bio, Chem, & Phys	79,776	40	19.5	19
Bio, Chem, Phys	26,668	13	20.0	21
Gen Sci ¹ , Bio, Chem	52,317	26	18.4	11
Other comb of 3 years of Natural Science	5,691	3	17.6	8
Less than 3 years of Natural Science	28,500	14	16.9	6
Zero years / no Natural Science courses reported	7,709	4	16.4	5

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.

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	1,735	1	17.6	224	2	14.7	1,341	1	18.2
Architecture	3,404	2	18.8	182	1	15.0	2,851	2	19.2
Area, Ethnic, & Multidisciplinary Studies	371	0	21.0	20	0	14.4	319	0	21.6
Arts: Visual & Performing	13,425	7	18.5	1,248	9	15.4	10,685	7	19.1
Business	18,355	9	18.8	1,337	10	15.4	15,304	10	19.3
Communications	4,197	2	20.0	155	1	15.8	3,733	2	20.2
Community, Family, & Personal Services	9,182	5	16.9	1,541	11	15.1	6,843	4	17.3
Computer Science & Mathematics	4,511	2	19.5	364	3	15.7	3,668	2	20.1
Education	9,942	5	18.1	452	3	15.2	8,596	5	18.3
Engineering	10,722	5	20.5	689	5	15.0	9,068	6	21.1
Engineering Technology & Drafting	6,339	3	19.2	609	4	15.1	5,103	3	19.9
English & Foreign Languages	2,312	1	20.7	112	1	15.2	1,979	1	21.1
Health Administration & Assisting	6,854	3	16.7	652	5	15.1	5,426	3	17.1
Health Sciences & Technologies	37,907	19	18.9	2,104	15	15.5	32,884	21	19.2
Philosophy, Religion, & Theology	822	0	19.7	33	0	16.3	703	0	20.0
Repair, Production, & Construction	2,103	1	16.3	807	6	15.3	1,079	1	17.2
Sciences: Biological & Physical	10,849	5	21.2	166	1	15.7	9,871	6	21.4
Social Sciences & Law	17,232	9	19.6	420	3	15.7	15,351	10	19.9
Undecided	27,993	14	18.7	1,968	14	15.3	20,171	13	19.4
No Response	12,392	6	15.9	744	5	13.7	1,465	1	16.6

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).

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	3,158	15.0	0	.	0	.	0	.	3,158	15.0
2-yr College Degree	10,677	15.3	0	.	0	.	0	.	10,677	15.3
Bachelors Degree	75,952	18.1	0	.	0	.	0	.	75,952	18.1
Graduate Study	25,531	20.9	0	.	0	.	0	.	25,531	20.9
Prof. Level Degree	54,962	20.5	0	.	0	.	0	.	54,962	20.5
Other	4,774	16.4	0	.	0	.	0	.	4,774	16.4
No Response	25,607	17.1	0	.	0	.	0	.	25,607	17.1

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	3,158	15.0	0	.	0	.	0	.	0	.
2-yr College Degree	10,677	15.3	0	.	0	.	0	.	0	.
Bachelors Degree	75,952	18.1	0	.	0	.	0	.	0	.
Graduate Study	25,531	20.9	0	.	0	.	0	.	0	.
Prof. Level Degree	54,962	20.5	0	.	0	.	0	.	0	.
Other	4,774	16.4	0	.	0	.	0	.	0	.
No Response	25,607	17.1	0	.	0	.	0	.	0	.

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

Table 4.3. Students' Score Report Preferences at Time of Testing (table omitted for this report)

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.

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 National	Writing National	English/Writing Combined National
All Students	128,599	18.4	6.8	18.2
Black/African American	0	.	.	.
American Indian/Alaska Native	0	.	.	.
White	0	.	.	.
Hispanic/Latino	128,599	18.4	6.8	18.2
Asian	0	.	.	.
Native Hawaiian/Other Pac. Isl.	0	.	.	.
Two or more races	0	.	.	.
Prefer not/No Response	0	.	.	.
Males	53,450	18.2	6.6	17.9
Females	75,136	18.5	7.0	18.5
Missing	13	17.1	6.2	16.8

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

