

ACT Profile Report - State

Graduating Class 2012
Florida



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.

Total Students in Report: 118,420

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

18% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 118,420 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 75% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 4% of the cohort took less than three years of math courses. Of these students, 5% were college ready. 13% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% of these students were college ready. In comparison, 44% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 16% of the cohort took less than three years of natural science courses. 9% of these students were college ready. In comparison, 25% 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 54% 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 850-878-2729.

Section I

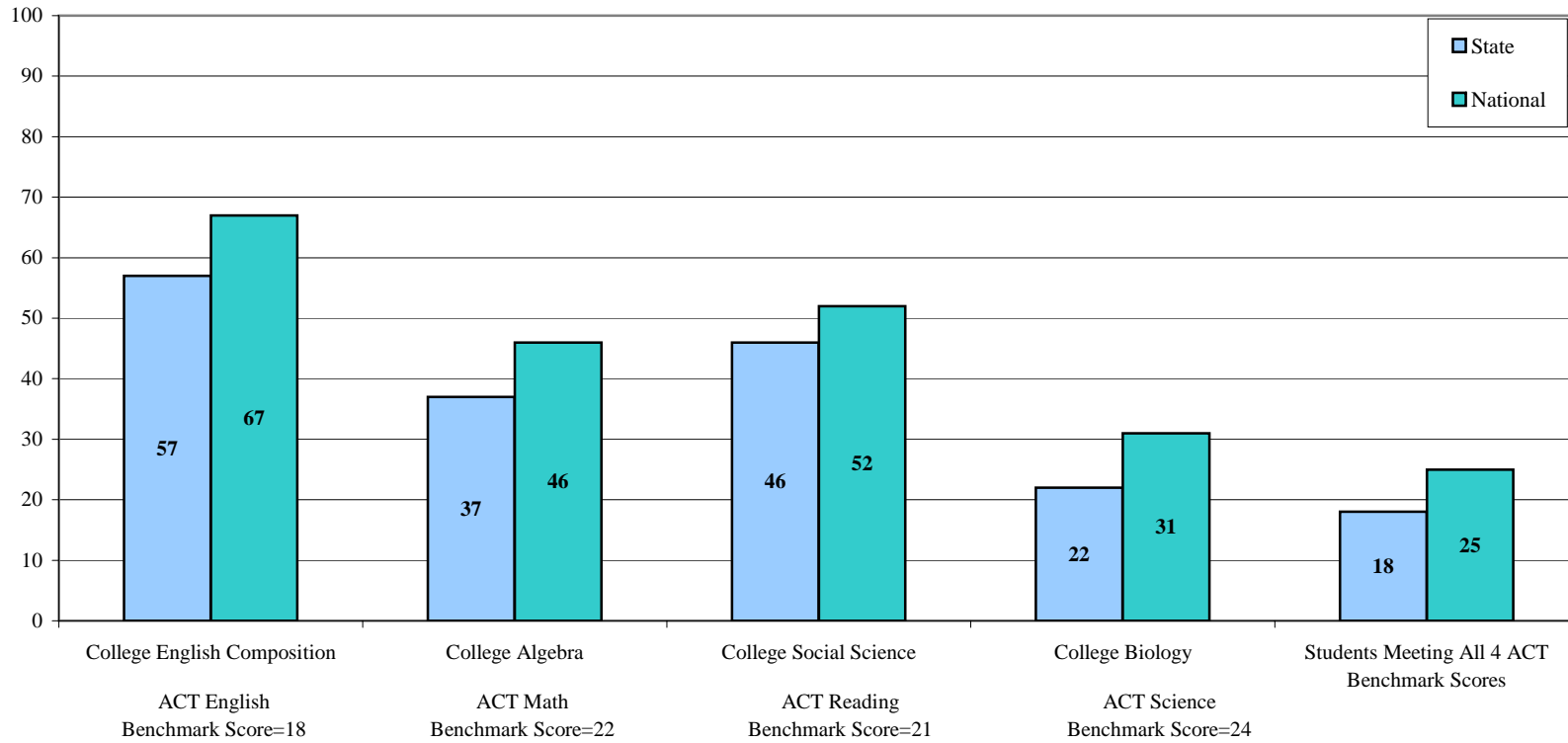
Executive Summary

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: 118,420

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: 118,420

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	93,884	1,421,941	58	68	35	43	45	53	19	28	15	22
2009	105,297	1,480,469	55	67	33	42	43	53	19	28	15	23
2010	113,480	1,568,835	54	66	34	43	43	52	20	29	16	24
2011	117,575	1,623,112	55	66	36	45	44	52	20	30	17	25
2012	118,420	1,666,017	57	67	37	46	46	52	22	31	18	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	93,884	1,421,941	19.0	20.6	20.0	21.0	20.3	21.4	19.3	20.8	19.8	21.1
2009	105,297	1,480,469	18.7	20.6	19.7	21.0	20.2	21.4	19.0	20.9	19.5	21.1
2010	113,480	1,568,835	18.6	20.5	19.7	21.0	20.1	21.3	19.1	20.9	19.5	21.0
2011	117,575	1,623,112	18.8	20.6	19.9	21.1	20.2	21.3	19.1	20.9	19.6	21.1
2012	118,420	1,666,017	18.9	20.5	20.0	21.1	20.5	21.3	19.3	20.9	19.8	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: 118,420

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	58,758	27,567	63	29	20.2	17.0	20.9	18.2	21.3	18.7	20.2	17.7	20.8	18.0
2009	73,283	28,004	70	27	20.0	16.1	20.8	17.5	21.2	18.0	20.0	16.9	20.6	17.3
2010	80,142	29,076	71	26	19.8	15.9	20.7	17.6	21.1	18.0	20.1	17.1	20.5	17.3
2011	86,061	27,568	73	23	19.8	16.2	20.6	17.8	21.0	18.2	19.9	17.0	20.5	17.4
2012	89,238	25,971	75	22	19.8	16.4	20.7	17.9	21.2	18.5	20.0	17.2	20.6	17.6

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.

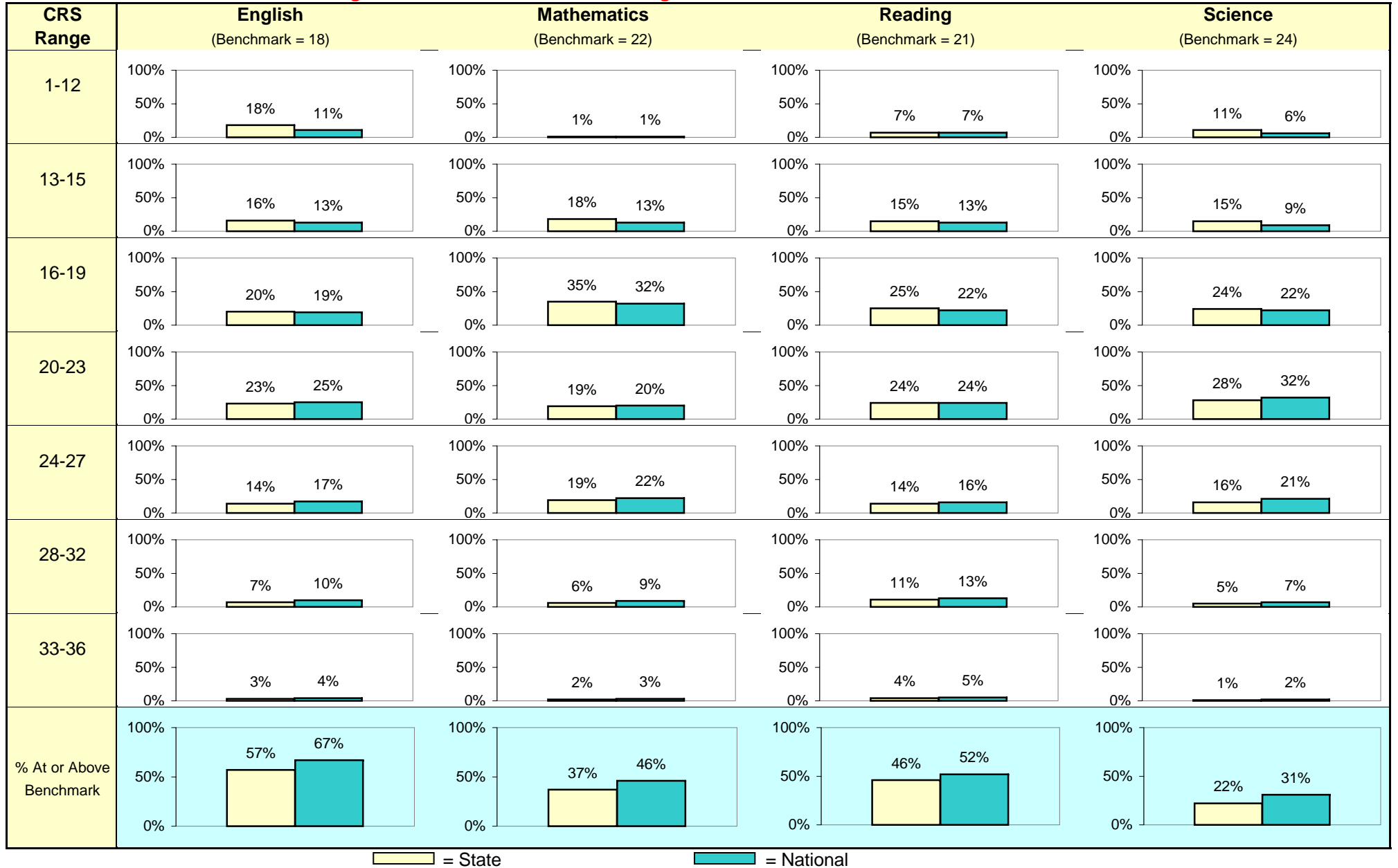
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	93,884	100	19.8	105,297	100	19.5	113,480	100	19.5	117,575	100	19.6	118,420	100	19.8
Black/African American	20,215	22	16.4	24,268	23	16.2	26,781	24	16.2	27,829	24	16.4	26,355	22	16.5
American Indian/Alaska Native	311	0	20.3	326	0	20.3	425	0	19.5	399	0	19.4	339	0	19.0
White	41,431	44	21.6	45,839	44	21.6	48,006	42	21.7	47,844	41	21.8	48,441	41	21.9
Hispanic/Latino	18,288	19	18.8	22,238	21	18.5	24,296	21	18.5	29,627	25	18.7	31,000	26	19.0
Asian	2,967	3	21.9	3,343	3	22.0	3,556	3	22.0	3,485	3	22.2	3,504	3	22.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	178	0	17.8	281	0	18.8
Two or more races	2,413	3	20.2	3,145	3	20.0	3,931	3	20.1	2,906	2	20.7	3,329	3	20.8
Prefer not to respond/No response	8,259	9	20.4	6,138	6	19.3	6,485	6	18.9	5,307	5	19.5	5,171	4	19.8

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

Total Students in Report: 118,420

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: 118,420

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	183	100	182	100	601	100	251	100	22	100	36
35	720	100	376	100	748	99	296	100	149	100	35
34	1,057	99	681	100	1,259	99	243	100	367	100	34
33	1,080	98	780	99	1,792	98	405	99	607	100	33
32	1,299	97	761	98	2,018	96	647	99	845	99	32
31	1,481	96	787	98	2,702	95	892	98	1,191	98	31
30	1,900	95	1,288	97	2,540	92	1,114	98	1,808	97	30
29	1,948	93	1,675	96	2,642	90	1,133	97	2,396	96	29
28	2,029	92	2,766	94	2,971	88	1,874	96	3,205	94	28
27	3,187	90	3,925	92	3,152	85	3,415	94	3,191	91	27
26	3,514	87	5,413	89	3,383	83	3,056	91	4,130	88	26
25	3,978	84	5,765	84	3,619	80	5,387	89	5,000	85	25
24	5,927	81	7,296	79	6,161	77	7,213	84	5,859	81	24
23	5,304	76	6,813	73	5,728	72	7,104	78	6,515	76	23
22	6,197	72	5,728	67	6,859	67	7,542	72	7,333	70	22
21	8,162	66	3,838	63	8,291	61	8,758	66	7,825	64	21
20	7,214	59	5,670	59	7,823	54	9,903	58	7,310	57	20
19	6,524	53	6,432	55	6,752	47	6,918	50	7,639	51	19
18	5,245	48	7,801	49	9,923	42	8,328	44	7,901	45	18
17	5,329	43	11,005	43	6,583	33	6,812	37	8,042	38	17
16	6,639	39	16,577	33	6,586	28	6,085	31	8,521	31	16
15	8,023	33	13,996	19	7,064	22	5,776	26	8,470	24	15
14	6,368	27	5,492	7	6,254	16	5,709	21	7,944	17	14
13	4,185	21	2,359	3	4,625	11	5,944	17	6,419	10	13
12	4,265	18	640	1	4,385	7	4,566	11	3,882	5	12
11	4,512	14	208	1	1,975	3	3,481	8	1,366	2	11
10	4,549	10	87	1	1,147	2	3,363	5	327	1	10
9	3,076	6	32	1	423	1	1,320	2	103	1	9
8	2,889	4	17	1	178	1	462	1	39	1	8
7	1,147	1	5	1	135	1	206	1	10	1	7
6	323	1	14	1	44	1	95	1	3	1	6
5	112	1	1	1	36	1	48	1	1	1	5
4	36	1	5	1	10	1	25	1	0	1	4
3	13	1	0	1	5	1	30	1	0	1	3
2	4	1	0	1	5	1	2	1	0	1	2
1	1	1	5	1	1	1	17	1	0	1	1
Avg (SD)	18.9 (6.4)		20.0 (5.0)		20.5 (5.9)		19.3 (5.4)		19.8 (5.2)		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: 118,420

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	2,768	100	770	100	2,173	100	3,232	100	3,553	100	664	100	727	100	18
17	3,554	98	945	99	4,070	98	4,725	97	4,190	97	463	99	154	99	17
16	4,553	95	4,439	99	5,154	95	6,139	93	3,171	93	2,157	99	2,264	99	16
15	3,330	91	5,018	95	4,753	90	6,151	88	5,863	91	3,280	97	4,105	97	15
14	5,916	88	6,661	91	6,088	86	7,476	83	7,239	86	7,902	94	6,757	94	14
13	4,245	83	8,058	85	7,960	81	8,000	77	10,354	80	11,248	88	8,342	88	13
12	7,726	79	10,791	78	12,425	74	9,289	70	10,383	71	9,774	78	12,682	81	12
11	10,067	73	12,668	69	9,859	64	8,904	62	10,075	62	14,442	70	12,214	70	11
10	12,221	64	10,395	58	12,689	56	11,513	54	9,259	54	17,142	58	15,515	60	10
9	11,077	54	14,761	50	13,638	45	12,383	45	8,686	46	17,999	43	17,081	47	9
8	10,508	45	11,841	37	12,053	33	11,317	34	13,450	39	16,045	28	14,190	33	8
7	11,255	36	9,488	27	13,462	23	8,905	25	16,171	27	6,312	15	10,433	21	7
6	9,795	26	6,420	19	7,426	12	9,242	17	8,397	14	4,605	9	7,451	12	6
5	8,288	18	6,911	14	3,625	6	6,574	9	4,538	6	3,524	5	1,486	5	5
4	5,695	11	6,063	8	1,822	3	2,632	4	1,870	3	979	2	3,337	4	4
3	4,694	6	2,563	3	682	1	1,479	2	884	1	1,016	2	330	1	3
2	2,514	2	565	1	397	1	426	1	287	1	224	1	896	1	2
1	214	1	63	1	144	1	33	1	50	1	644	1	456	1	1
Avg (SD)	9.3 (3.9)		9.7 (3.5)		10.3 (3.4)		10.4 (3.8)		10.3 (3.6)		10.1 (2.8)		9.9 (3.0)		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)	23	24	24	23	23
Q2 (50th Percentile)	19	19	20	20	19
Q1 (25th Percentile)	14	16	16	15	16

Total Students in Report: 118,420

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	118,420	75	20.6	17.6
	Black/African American	26,355	70	17.1	15.5
	American Indian/Alaska Native	339	71	19.6	17.7
	White	48,441	78	22.6	19.5
	Hispanic/Latino	31,000	76	19.7	16.8
	Asian	3,504	81	22.7	20.3
	Native Hawaiian/Other Pac. Isl.	281	78	19.3	16.8
	Two or more races	3,329	78	21.3	18.9
	Prefer not/No Response	5,171	72	20.8	17.6
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	18.9	20.0	20.5	19.3	19.8
	Black/African American	15.1	17.1	17.4	16.1	16.5
	American Indian/Alaska Native	17.7	19.3	19.9	18.5	19.0
	White	21.4	21.7	22.6	21.3	21.9
	Hispanic/Latino	17.9	19.3	19.6	18.5	19.0
	Asian	21.1	23.6	22.1	21.5	22.2
	Native Hawaiian/Other Pac. Isl.	17.5	19.5	19.4	18.3	18.8
	Two or more races	20.2	20.6	21.6	20.2	20.8
	Prefer not/No Response	18.9	20.0	20.5	19.2	19.8
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: 118,420

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	3,040	3	2,019	2	4,400	4	1,195	1
	28 to 32	8,657	7	7,277	6	12,873	11	5,660	5
	24 to 27	16,606	14	22,399	19	16,315	14	19,071	16
	20 to 23	26,877	23	22,049	19	28,701	24	33,307	28
	16 to 19	23,737	20	41,815	35	29,844	25	28,143	24
	13 to 15	18,576	16	21,847	18	17,943	15	17,429	15
	01 to 12	20,927	18	1,014	1	8,344	7	13,615	11
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	51,854	44	18.5	20.5	20.3	19.7	19.9
	Females	66,407	56	19.3	19.6	20.7	19.0	19.8
	Missing	159	0	13.9	16.6	16.4	15.3	15.7
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	17.5

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	54	41	45	26	21
	Females	59	34	47	19	16
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 118,420

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	89,238	63	19.8	43	20.7	51	21.2	25	20.0	21	20.6
	Less than Core	25,971	38	16.4	20	17.9	31	18.5	11	17.2	9	17.6
	Missing ³	3,211	28	14.7	18	17.4	22	17.1	9	16.1	6	16.4
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	112,495	58	19.1	110,374	39	20.3	108,632	48	20.7	96,757	25	19.8
	Less than Core	3,183	35	15.7	5,210	5	15.8	6,930	29	18.4	18,643	9	16.9
	Missing ³	2,742	30	14.9	2,836	19	17.6	2,858	23	17.2	3,020	9	16.2
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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.

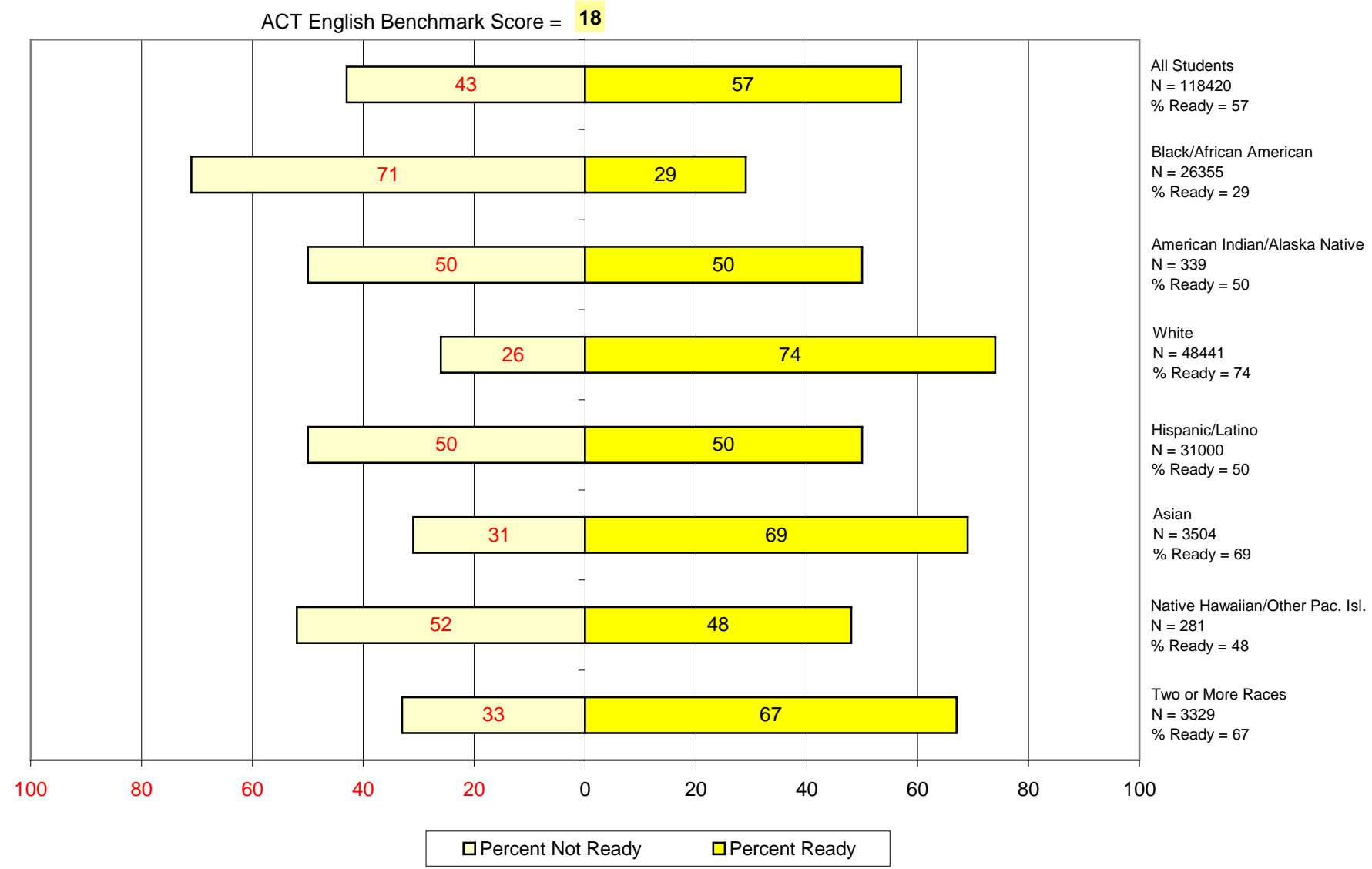
Section III

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.

Total Students in Report: 118,420

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

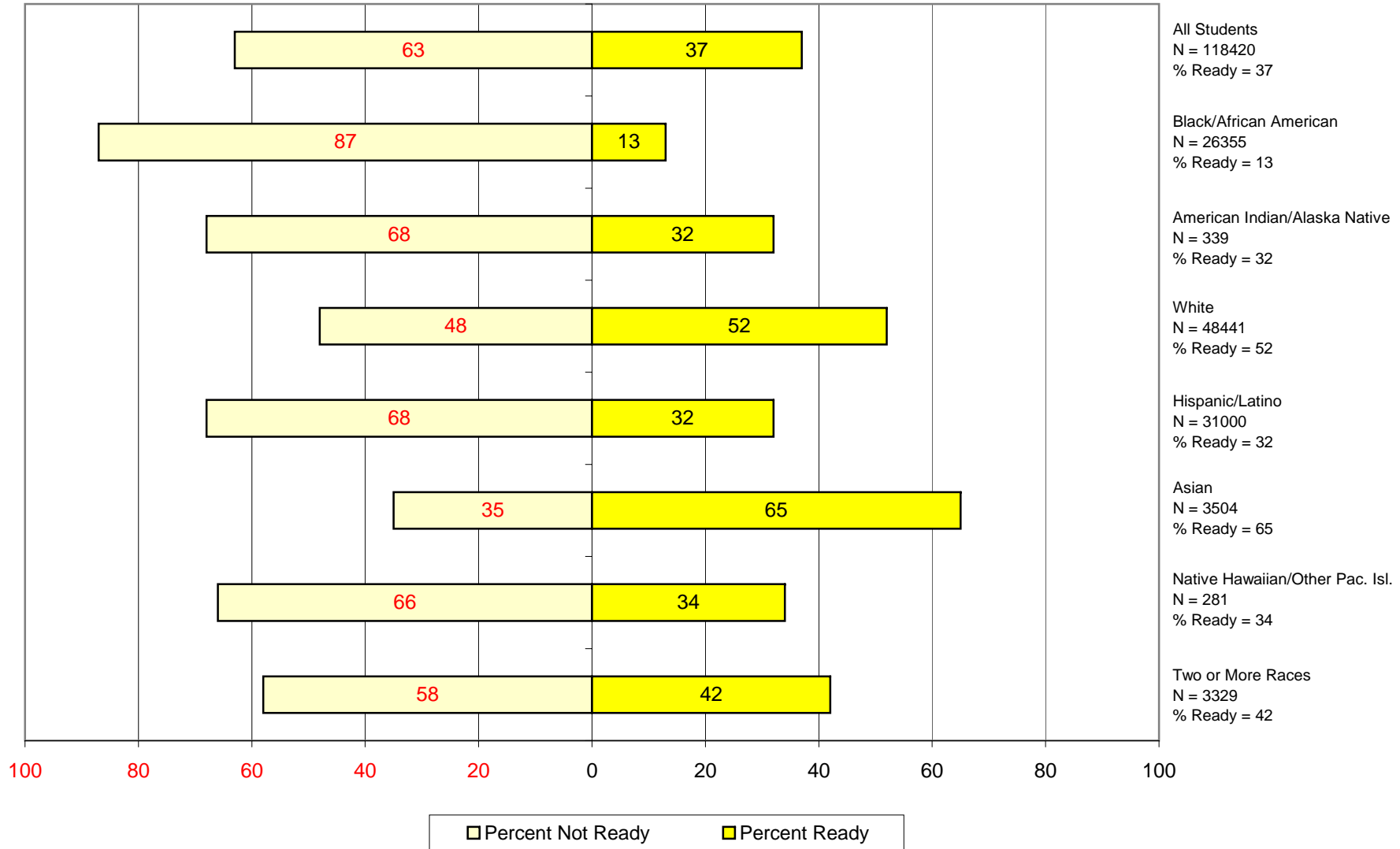


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 118,420

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

ACT Mathematics Benchmark Score = **22**

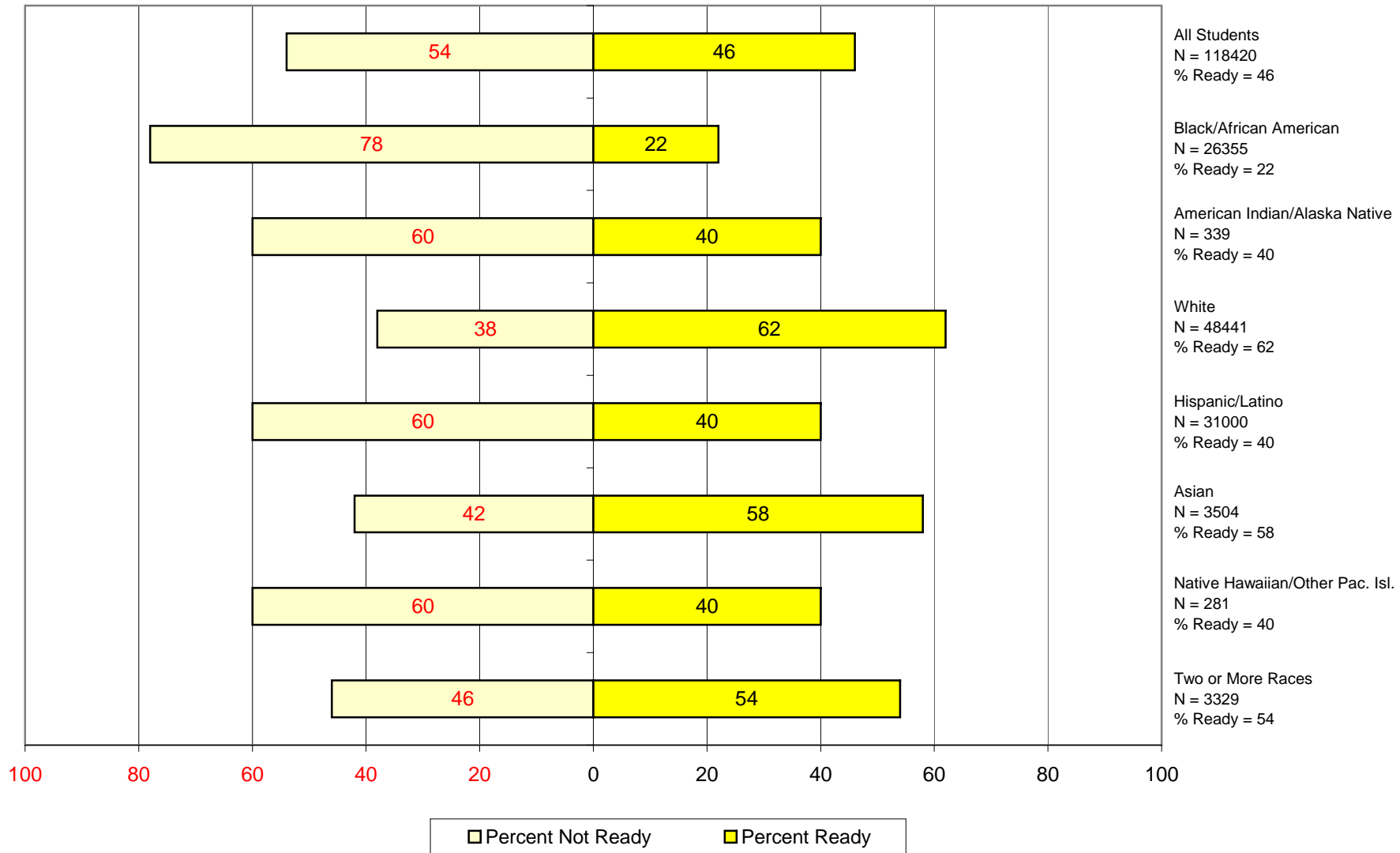


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 118,420

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

ACT Reading Benchmark Score = 21

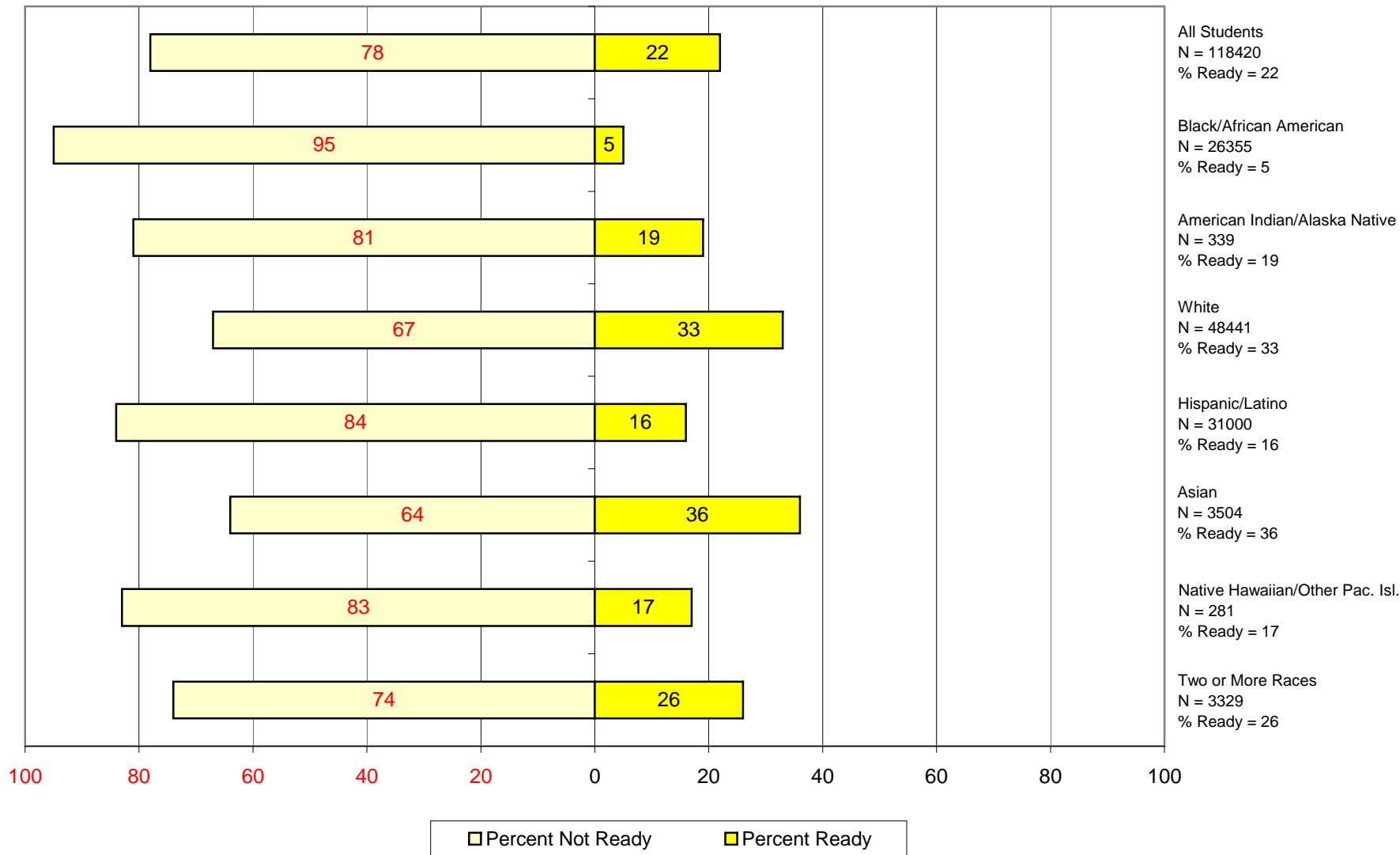


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 118,420

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

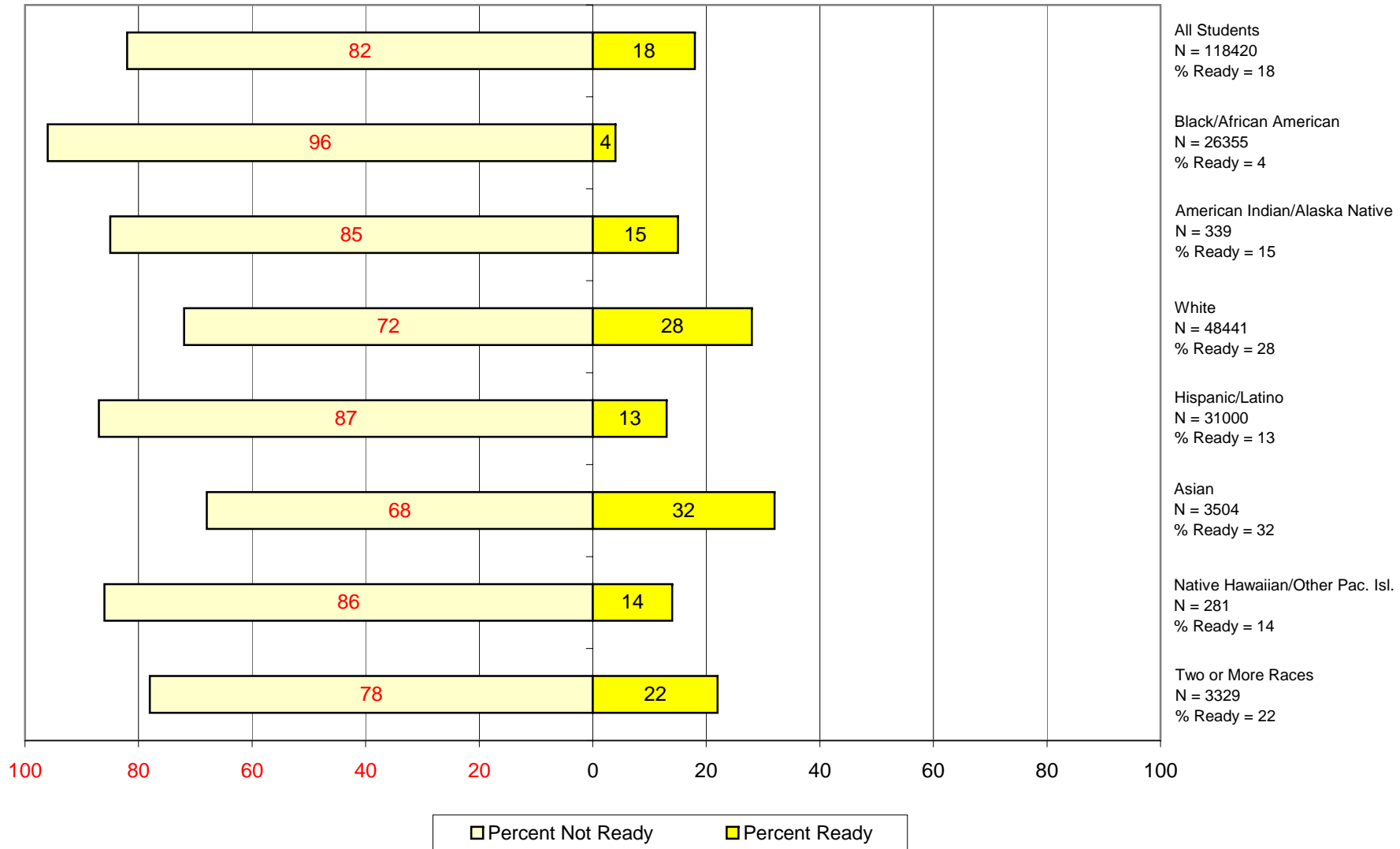
ACT Science Benchmark Score = **24**



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

Total Students in Report: 118,420

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: 118,420

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	26,993	23	19.4	3.7	11,366	22	18.7	3.3	15,623	24	19.9	4.0
Eng 9, Eng 10, Eng 11, Eng 12	85,502	72	19.0	3.3	37,466	72	18.7	3.3	48,007	72	19.3	3.4
Less than 4 years of English	3,183	3	15.7	-	1,553	3	15.4	-	1,624	2	15.9	-
Zero years / no English courses reported	2,742	2	14.9	-	1,469	3	15.1	-	1,153	2	14.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	4,261	4	22.6	6.8	1,896	4	23.6	7.7	2,365	4	21.8	6.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,872	7	21.6	5.8	2,985	6	22.2	6.3	4,886	7	21.2	5.4
Alg 1, Alg 2, Geom, & Trig	5,276	4	19.0	3.2	2,206	4	19.4	3.5	3,069	5	18.6	2.8
Alg 1, Alg 2, Geom, & Other Adv Math	30,851	26	19.3	3.5	11,786	23	19.7	3.8	19,052	29	19.1	3.3
Other comb of 4 or more years of Math	41,372	35	22.1	6.3	19,768	38	22.7	6.8	21,601	33	21.5	5.7
Alg 1, Alg 2, & Geom	15,232	13	16.6	0.8	6,825	13	16.8	0.9	8,399	13	16.5	0.7
Other comb of 3 or 3.5 years of Math	5,510	5	19.2	3.4	2,477	5	19.6	3.7	3,029	5	19.0	3.2
Less than 3 years of Math	5,210	4	15.8	-	2,405	5	15.9	-	2,796	4	15.8	-
Zero years / no Math courses reported	2,836	2	17.6	-	1,506	3	18.1	-	1,210	2	17.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	876	1	20.6	2.2	486	1	20.5	2.3	390	1	20.7	2.2
Other comb of 4 or more years Social Science	77,936	66	21.3	2.9	32,415	63	21.2	3.0	45,508	69	21.3	2.8
US Hist, World Hist, & Am Gov	1,459	1	18.4	0.0	730	1	18.3	0.1	729	1	18.6	0.1
Other comb of 3 or 3.5 years of Social Science	28,361	24	19.4	1.0	13,282	26	19.2	1.0	15,062	23	19.5	1.0
Less than 3 years of Social Science	6,930	6	18.4	-	3,400	7	18.2	-	3,522	5	18.5	-
Zero years / no Social Science courses reported	2,858	2	17.2	-	1,541	3	17.4	-	1,196	2	17.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	50,414	43	20.2	3.3	23,896	46	20.8	4.1	26,507	40	19.6	2.5
Bio, Chem, Phys	7,626	6	22.3	5.4	3,467	7	23.2	6.5	4,152	6	21.6	4.5
Gen Sci ² , Bio, Chem	35,660	30	19.0	2.1	13,595	26	19.0	2.3	22,058	33	19.0	1.9
Other comb of 3 years of Natural Science	3,057	3	16.9	0.0	1,423	3	17.5	0.8	1,633	2	16.3	-0.8
Less than 3 years of Natural Science	18,643	16	16.9	-	7,857	15	16.7	-	10,775	16	17.1	-
Zero years / no Natural Science courses reported	3,020	3	16.2	-	1,616	3	16.6	-	1,282	2	15.7	-

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: 118,420

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	26,993	23	19.4	60	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	85,502	72	19.0	57	1,178,400	71	20.5	67
Less than 4 years of English	3,183	3	15.7	35	64,748	4	16.5	41
Zero years / no English courses reported	2,742	2	14.9	30	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	4,261	4	22.6	60	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,872	7	21.6	55	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	5,276	4	19.0	28	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	30,851	26	19.3	31	279,658	17	19.9	36
Other comb of 4 or more years of Math	41,372	35	22.1	55	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	15,232	13	16.6	8	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	5,510	5	19.2	31	82,509	5	19.9	35
Less than 3 years of Math	5,210	4	15.8	5	69,741	4	16.6	8
Zero years / no Math courses reported	2,836	2	17.6	19	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	876	1	20.6	45	47,179	3	22.3	59
Other comb of 4 or more years Social Science	77,936	66	21.3	52	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	1,459	1	18.4	30	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	28,361	24	19.4	37	452,172	27	21.2	51
Less than 3 years of Social Science	6,930	6	18.4	29	149,266	9	19.7	40
Zero years / no Social Science courses reported	2,858	2	17.2	23	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	50,414	43	20.2	28	740,499	44	21.9	39
Bio, Chem, Phys	7,626	6	22.3	42	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	35,660	30	19.0	17	466,992	28	20.0	22
Other comb of 3 years of Natural Science	3,057	3	16.9	10	45,992	3	19.5	20
Less than 3 years of Natural Science	18,643	16	16.9	9	194,661	12	18.4	13
Zero years / no Natural Science courses reported	3,020	3	16.2	9	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: 118,420

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	1,159	1	18.5	129	2	15.8	837	1	19.4
Architecture	1,487	1	20.1	67	1	16.2	1,225	1	20.6
Area, Ethnic, & Multidisciplinary Studies	162	0	19.6	10	0	14.5	118	0	21.4
Arts: Visual & Performing	7,441	6	19.7	513	8	15.8	6,040	6	20.3
Business	12,813	11	19.2	977	15	15.1	10,353	11	19.8
Communications	3,046	3	20.8	98	1	16.2	2,674	3	21.0
Community, Family, & Personal Services	2,634	2	17.3	343	5	15.6	1,932	2	17.9
Computer Science & Mathematics	2,714	2	21.1	162	2	16.3	2,245	2	21.7
Education	4,432	4	19.1	220	3	14.9	3,650	4	19.8
Engineering	7,330	6	22.2	303	5	15.3	6,249	7	22.8
Engineering Technology & Drafting	1,890	2	18.6	178	3	15.0	1,475	2	19.4
English & Foreign Languages	1,144	1	22.5	32	0	16.0	993	1	22.9
Health Administration & Assisting	6,392	5	16.9	582	9	15.0	4,982	5	17.3
Health Sciences & Technologies	22,657	19	20.1	931	14	16.3	19,825	21	20.4
Philosophy, Religion, & Theology	516	0	20.4	18	0	16.8	429	0	20.7
Repair, Production, & Construction	822	1	16.1	299	5	15.4	360	0	17.3
Sciences: Biological & Physical	6,946	6	22.5	93	1	15.8	6,305	7	22.7
Social Sciences & Law	10,937	9	20.5	305	5	15.9	9,618	10	20.8
Undecided	20,088	17	19.5	1,225	19	15.4	13,846	15	20.6
No Response	3,786	3	16.9	110	2	14.4	520	1	19.2

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: 118,420

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	1,981	15.2	723	14.1	9	16.1	618	16.6	486	14.7
2-yr College Degree	4,619	15.7	1,369	14.5	18	16.7	1,627	17.0	1,273	15.3
Bachelors Degree	48,844	19.0	11,479	16.2	141	17.8	21,601	20.8	11,408	18.1
Graduate Study	16,489	22.6	2,290	18.6	43	21.2	8,651	24.0	3,785	21.8
Prof. Level Degree	28,359	21.9	5,861	18.3	79	22.1	10,190	24.2	8,594	20.9
Other	3,026	16.4	847	14.6	9	17.1	950	18.1	883	15.9
No Response	15,102	18.0	3,786	15.2	40	16.4	4,804	20.7	4,571	17.2

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	1,981	15.2	52	16.4	3	11.0	27	16.5	63	15.4
2-yr College Degree	4,619	15.7	56	16.0	16	14.5	118	16.3	142	15.0
Bachelors Degree	48,844	19.0	980	20.0	130	17.8	1,446	19.7	1,659	18.6
Graduate Study	16,489	22.6	471	23.2	29	20.0	502	22.6	718	22.7
Prof. Level Degree	28,359	21.9	1,384	24.6	58	22.3	907	22.6	1,286	22.2
Other	3,026	16.4	88	18.1	12	17.8	62	18.0	175	16.7
No Response	15,102	18.0	473	21.0	33	18.5	267	19.8	1,128	18.2

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

Total Students in Report: 118,420

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF CENTRAL FLORIDA	Florida	22,084	6,359	15,725	1	7	22	35	25	10	1
FLORIDA STATE UNIVERSITY	Florida	18,955	6,800	12,155	1	6	19	34	28	13	1
UNIVERSITY OF FLORIDA	Florida	16,721	6,151	10,570	1	4	15	29	30	19	2
UNIVERSITY OF SOUTH FLORIDA	Florida	16,103	3,983	12,120	1	7	24	35	23	9	0
FLORIDA ATLANTIC UNIVERSITY	Florida	7,470	2,046	5,424	2	12	33	34	15	5	0
FLORIDA INTERNATIONAL UNIVERSITY	Florida	6,901	2,393	4,508	2	15	36	32	12	3	0
UNIVERSITY OF NORTH FLORIDA	Florida	5,553	1,309	4,244	1	7	25	39	21	7	0
UNIVERSITY OF MIAMI	Florida	5,354	1,293	4,061	2	11	24	26	22	14	1
FLORIDA GULF COAST UNIVERSITY	Florida	4,817	1,403	3,414	1	9	33	38	15	4	0
FLORIDA A&M UNIVERSITY	Florida	3,821	1,399	2,422	4	26	44	20	5	1	0
UNIVERSITY OF WEST FLORIDA THE	Florida	3,065	762	2,303	1	6	28	39	19	7	0
MIAMI DADE COLLEGE	Florida	2,692	1,191	1,501	8	31	35	20	5	1	0
VALENCIA COLLEGE	Florida	2,443	1,089	1,354	6	26	36	22	7	2	0
NCAA ELIGIBILITY CENTER	Indiana	1,805	1,130	675	2	15	31	29	16	7	0
BETHUNE-COOKMAN UNIVERSITY	Florida	1,616	573	1,043	7	37	43	11	2	0	0
UNIVERSITY OF TAMPA	Florida	1,582	254	1,328	2	12	34	31	16	5	0
SANTA FE COLLEGE	Florida	1,351	528	823	3	18	35	30	11	3	0
NOVA SOUTHEASTERN UNIVERSITY	Florida	1,318	285	1,033	2	12	36	32	13	5	0
BROWARD COLLEGE	Florida	1,257	601	656	8	33	36	16	5	1	0
HILLSBOROUGH COMMUNITY COLLEGE	Florida	1,246	559	687	7	28	37	22	6	1	0
PALM BEACH COMMUNITY COLLEGE	Florida	1,208	703	505	12	37	32	13	5	1	0
FLORIDA STATE COLL AT JACKSONVILLE	Florida	1,171	541	630	5	22	37	25	8	2	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	1,153	1,153	0	5	18	29	23	14	9	2
TALLAHASSEE COMMUNITY COLLEGE	Florida	1,148	365	783	5	26	34	26	7	2	0
FLAGLER COLLEGE	Florida	1,146	367	779	0	6	25	38	23	8	0
EDISON STATE COLLEGE	Florida	1,020	578	442	6	25	37	23	7	2	0
JACKSONVILLE UNIVERSITY	Florida	1,010	211	799	3	18	31	31	13	5	0
AUBURN UNIVERSITY	Alabama	978	241	737	0	3	11	27	31	25	3
STETSON UNIVERSITY	Florida	944	193	751	1	5	17	34	29	13	1
PENSACOLA STATE COLLEGE	Florida	845	455	390	2	14	35	33	13	4	0
All Other Institutions		52,495	15,816	36,679	3	13	25	24	18	14	2
Total		189,272	60,731	128,541	2	11	26	29	20	11	1

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: 118,420

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	73,565	931,148	20.9	21.5	7.1	7.1	20.3	20.7
Black/African American	12,918	113,247	17.0	16.6	6.6	6.2	17.0	16.4
American Indian/Alaska Native	197	5,233	19.4	17.8	7.1	6.5	19.2	17.5
White	32,842	518,974	22.8	23.2	7.3	7.2	21.9	22.1
Hispanic/Latino	19,362	150,249	19.9	18.5	7.1	6.8	19.6	18.3
Asian	2,601	53,381	22.6	23.7	7.5	7.6	21.9	22.8
Native Hawaiian/Other Pac. Isl.	165	2,851	19.9	19.9	7.2	7.1	19.8	19.6
Two or more races	2,276	32,346	21.3	21.9	7.1	7.1	20.6	21.1
Prefer not/No Response	3,204	54,867	21.2	21.8	7.1	7.1	20.5	21.0
Males	31,563	413,617	20.5	21.2	6.9	6.8	19.8	20.3
Females	41,929	515,745	21.1	21.7	7.3	7.2	20.7	21.1
Missing	73	1,786	15.3	16.8	6.1	6.3	15.3	16.6

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

