

ACT Profile Report - State

Graduating Class 2011
Ohio



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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

28% 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: 92,313 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. 80% 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, 8% were college ready. 15% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 15% of these students were college ready. In comparison, 59% 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 12% of the cohort took less than three years of natural science courses. 11% of these students were college ready. In comparison, 38% 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 41% 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 847-634-2560.

Section I

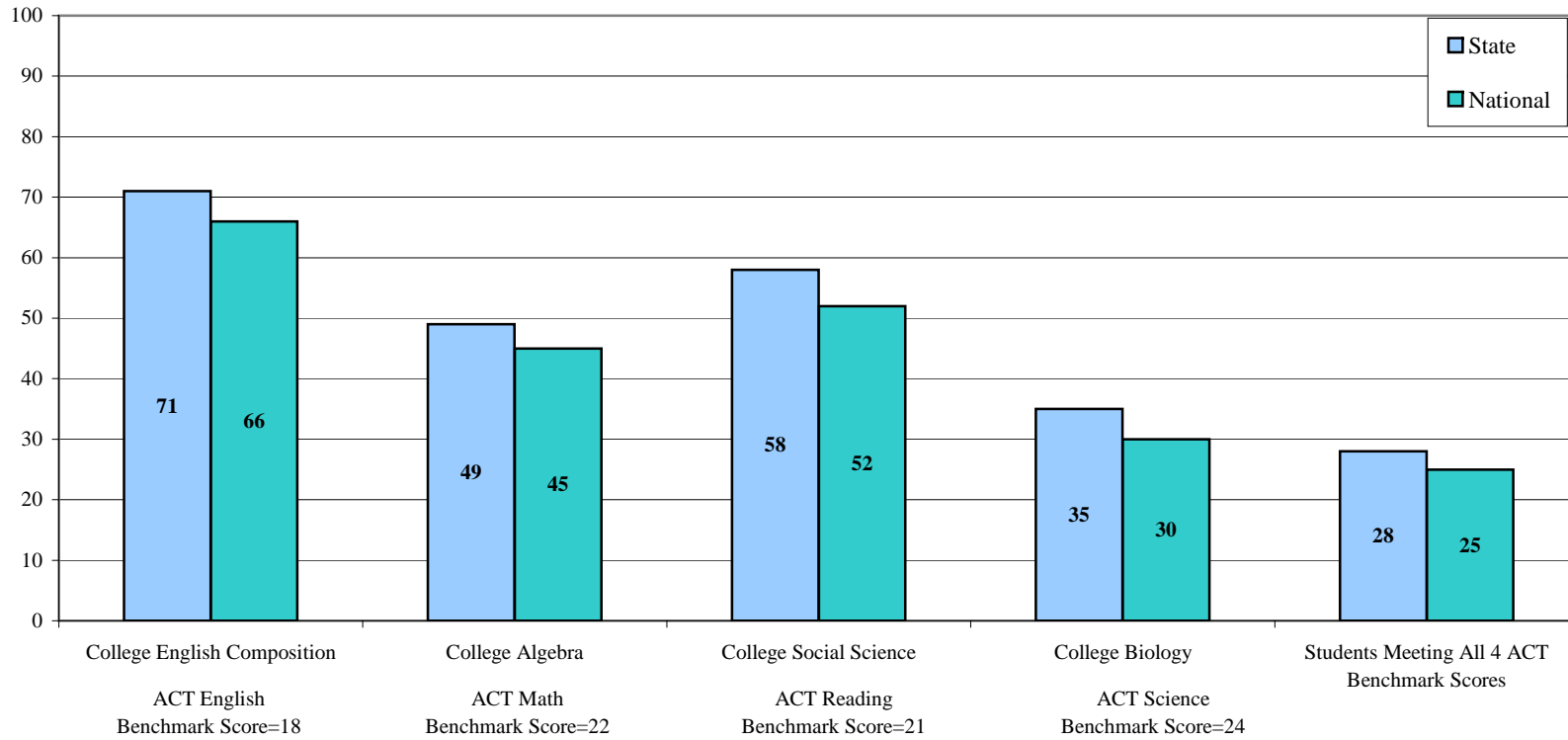
Executive Summary

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: 92,313

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: 92,313

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
2007	86,080	1,300,599	72	69	45	43	56	53	32	28	25	23
2008	88,103	1,421,941	72	68	47	43	57	53	33	28	26	22
2009	88,754	1,480,469	72	67	46	42	58	53	33	28	26	23
2010	89,275	1,568,835	72	66	48	43	58	52	34	29	28	24
2011	92,313	1,623,112	71	66	49	45	58	52	35	30	28	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
2007	86,080	1,300,599	21.0	20.7	21.3	21.0	22.0	21.5	21.6	21.0	21.6	21.2
2008	88,103	1,421,941	21.1	20.6	21.5	21.0	22.1	21.4	21.7	20.8	21.7	21.1
2009	88,754	1,480,469	21.1	20.6	21.4	21.0	22.2	21.4	21.7	20.9	21.7	21.1
2010	89,275	1,568,835	21.2	20.5	21.5	21.0	22.1	21.3	21.8	20.9	21.8	21.0
2011	92,313	1,623,112	21.1	20.6	21.5	21.1	22.1	21.3	21.8	20.9	21.8	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
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
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

Total Students in Report: 92,313

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	47,485	27,118	55	32	21.9	19.2	22.2	19.7	22.8	20.6	22.3	20.3	22.4	20.0
2008	59,739	23,101	68	26	21.9	19.0	22.3	19.5	22.8	20.4	22.3	20.1	22.4	19.9
2009	67,786	19,318	76	22	22.0	18.6	22.3	19.0	22.9	20.1	22.4	19.7	22.5	19.5
2010	69,962	18,169	78	20	22.0	18.5	22.3	19.0	22.8	19.9	22.5	19.7	22.5	19.4
2011	73,939	17,336	80	19	21.9	18.1	22.2	18.7	22.7	19.6	22.4	19.4	22.4	19.1

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.

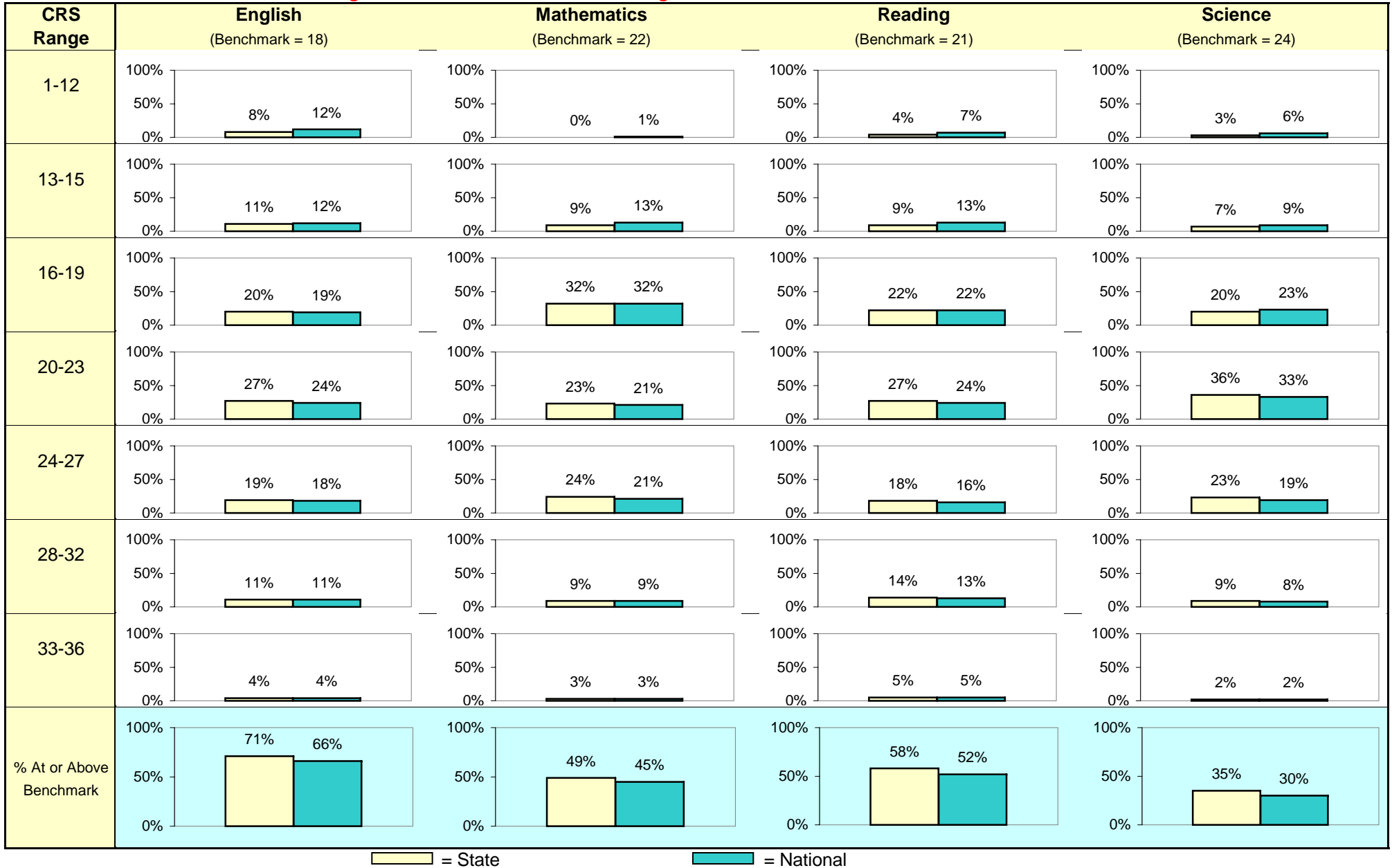
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	86,080	100	21.6	88,103	100	21.7	88,754	100	21.7	89,275	100	21.8	92,313	100	21.8
Black/African American	8,177	9	17.0	9,108	10	17.1	9,607	11	17.2	10,198	11	17.3	11,222	12	17.2
American Indian/Alaska Native	247	0	20.8	251	0	20.4	251	0	20.6	250	0	20.9	254	0	19.9
White	62,599	73	22.1	67,493	77	22.2	69,828	79	22.4	69,790	78	22.5	70,327	76	22.5
Hispanic/Latino	1,405	2	20.2	1,609	2	20.1	1,747	2	20.5	1,861	2	20.3	2,869	3	20.1
Asian	1,298	2	23.9	1,456	2	24.1	1,639	2	24.1	1,650	2	24.3	1,713	2	24.4
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	34	0	19.8
Two or more races	1,286	1	20.4	1,664	2	20.4	2,001	2	20.6	2,230	2	20.7	2,626	3	20.4
Prefer not to respond/No response	11,068	13	22.4	6,522	7	22.8	3,681	4	22.3	3,296	4	21.9	3,268	4	22.1

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

Total Students in Report: 92,313

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



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: 92,313

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	249	100	292	100	714	100	365	100	40	100	36
35	1,070	100	538	100	578	99	409	100	226	100	35
34	1,114	99	1,026	99	1,610	99	298	99	498	100	34
33	1,256	97	860	98	2,017	97	881	99	875	99	33
32	1,473	96	1,033	97	2,184	95	1,003	98	1,212	98	32
31	1,943	94	1,052	96	2,619	92	897	97	1,630	97	31
30	1,774	92	1,485	95	3,173	89	1,616	96	2,216	95	30
29	2,292	90	1,762	93	2,282	86	1,828	94	2,440	93	29
28	2,751	88	2,924	91	3,116	84	3,061	92	3,360	90	28
27	3,117	85	4,448	88	3,144	80	3,415	89	3,975	86	27
26	3,925	82	4,858	83	3,459	77	4,315	85	4,420	82	26
25	4,173	77	6,360	78	4,408	73	6,443	80	5,291	77	25
24	6,176	73	6,565	71	5,570	68	7,518	73	6,010	72	24
23	4,943	66	6,650	64	4,926	62	8,364	65	6,742	65	23
22	6,315	61	5,155	57	7,055	57	7,621	56	7,073	58	22
21	7,446	54	4,431	51	6,269	49	8,737	48	7,292	50	21
20	6,547	46	4,789	46	6,695	42	8,263	39	6,910	42	20
19	4,951	39	5,403	41	5,555	35	6,209	30	6,883	35	19
18	4,221	33	6,681	35	5,248	29	5,629	23	6,263	27	18
17	4,425	29	7,517	28	5,066	23	3,681	17	5,418	21	17
16	4,747	24	9,649	20	4,264	18	2,942	13	4,421	15	16
15	4,834	19	5,804	10	3,214	13	2,921	10	3,448	10	15
14	3,314	14	1,994	3	3,610	10	1,771	6	2,571	6	14
13	2,003	10	735	1	1,934	6	1,457	4	1,678	3	13
12	1,984	8	201	1	1,851	4	1,081	3	925	2	12
11	1,821	6	67	1	980	2	734	2	332	1	11
10	1,408	4	22	1	417	1	539	1	111	1	10
9	952	2	5	1	170	1	207	1	40	1	9
8	661	1	3	1	103	1	62	1	9	1	8
7	280	1	1	1	31	1	18	1	0	1	7
6	98	1	3	1	27	1	12	1	2	1	6
5	37	1	0	1	13	1	8	1	2	1	5
4	8	1	0	1	7	1	3	1	0	1	4
3	5	1	0	1	1	1	2	1	0	1	3
2	0	1	0	1	3	1	0	1	0	1	2
1	0	1	0	1	0	1	3	1	0	1	1
Avg (SD)	21.1 (6.0)		21.5 (5.0)		22.1 (5.9)		21.8 (4.8)		21.8 (4.9)		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: 92,313

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	2,980	100	1,516	100	2,723	100	2,669	100	3,425	100	909	100	1,360	100	18
17	4,081	97	355	98	3,887	97	6,640	97	3,895	96	1,181	99	116	99	17
16	3,854	92	6,094	98	5,964	93	6,195	90	4,722	92	2,307	98	2,628	98	16
15	5,351	88	6,403	91	5,476	86	6,746	83	6,135	87	3,634	95	5,638	96	15
14	4,913	82	6,592	84	5,846	80	5,058	76	7,565	80	7,585	91	8,256	89	14
13	6,387	77	8,014	77	7,987	74	7,542	70	8,635	72	11,531	83	9,043	81	13
12	5,993	70	11,634	69	10,991	65	8,269	62	7,472	63	9,427	71	10,378	71	12
11	10,084	64	11,167	56	8,744	54	10,605	53	10,640	55	14,061	60	11,497	59	11
10	11,396	53	9,699	44	9,906	44	7,804	42	7,822	43	11,994	45	12,490	47	10
9	8,788	40	10,755	33	10,649	33	8,173	33	8,032	35	13,217	32	11,785	33	9
8	7,677	31	7,052	22	7,433	22	6,878	24	9,282	26	7,979	18	8,554	21	8
7	6,770	23	5,130	14	6,147	14	5,108	17	9,326	16	3,372	9	4,276	11	7
6	5,597	15	3,063	9	3,188	7	5,277	12	3,498	6	2,248	6	3,102	7	6
5	3,714	9	2,181	5	1,914	4	3,456	6	1,138	2	1,406	3	1,217	3	5
4	2,520	5	1,728	3	913	2	1,243	2	485	1	603	2	1,104	2	4
3	1,579	2	761	1	365	1	457	1	174	1	487	1	354	1	3
2	573	1	147	1	121	1	181	1	60	1	159	1	355	1	2
1	56	1	22	1	59	1	12	1	7	1	213	1	160	1	1
Avg (SD)	10.5 (3.8)		10.9 (3.2)		11.2 (3.4)		11.3 (3.7)		11.3 (3.4)		10.9 (2.8)		10.8 (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)	25	25	26	25	25
Q2 (50th Percentile)	21	21	22	22	21
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 92,313

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	92,313	80	22.4	19.1
	Black/African American	11,222	73	17.7	15.8
	American Indian/Alaska Native	254	76	20.8	17.2
	White	70,327	82	23.1	19.9
	Hispanic/Latino	2,869	76	20.9	18.0
	Asian	1,713	86	24.8	21.7
	Native Hawaiian/Other Pac. Isl.	34	85	20.2	17.6
	Two or more races	2,626	75	21.2	18.2
	Prefer not/No Response	3,268	77	22.9	19.6
National	All Students	1,623,112	74	21.9	19.0
	Black/African American	223,383	69	17.5	15.9
	American Indian/Alaska Native	14,970	63	19.7	17.1
	White	981,585	76	23.1	20.3
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	66,650	81	24.1	21.9
	Native Hawaiian/Other Pac. Isl.	2,244	78	20.0	17.8
	Two or more races	46,378	72	21.8	19.3
	Prefer not/No Response	87,241	65	22.1	18.7

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	21.1	21.5	22.1	21.8	21.8
	Black/African American	15.9	17.3	17.3	17.6	17.2
	American Indian/Alaska Native	19.0	19.9	20.0	20.1	19.9
	White	22.0	22.2	22.9	22.5	22.5
	Hispanic/Latino	19.2	20.1	20.5	20.4	20.1
	Asian	23.6	25.5	23.8	24.1	24.4
	Native Hawaiian/Other Pac. Isl.	19.3	19.5	20.6	19.7	19.8
	Two or more races	19.7	20.0	21.0	20.5	20.4
	Prefer not/No Response	21.7	21.9	22.5	21.9	22.1
National	All Students	20.6	21.1	21.3	20.9	21.1
	Black/African American	15.9	17.2	17.0	17.1	17.0
	American Indian/Alaska Native	17.5	18.6	19.1	18.9	18.6
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	22.8	25.1	22.9	23.1	23.6
	Native Hawaiian/Other Pac. Isl.	18.6	19.9	19.4	19.5	19.5
	Two or more races	20.7	20.7	21.6	20.9	21.1
	Prefer not/No Response	20.2	20.9	21.0	20.4	20.7

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

Total Students in Report: 92,313

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	3,689	4	2,716	3	4,919	5	1,953	2
	28 to 32	10,233	11	8,256	9	13,374	14	8,405	9
	24 to 27	17,391	19	22,231	24	16,581	18	21,691	23
	20 to 23	25,251	27	21,025	23	24,945	27	32,985	36
	16 to 19	18,344	20	29,250	32	20,133	22	18,461	20
	13 to 15	10,151	11	8,533	9	8,758	9	6,149	7
	01 to 12	7,254	8	302	0	3,603	4	2,669	3
National	33 to 36	68,159	4	49,703	3	81,236	5	32,031	2
	28 to 32	174,801	11	144,331	9	211,084	13	130,969	8
	24 to 27	286,161	18	344,894	21	265,974	16	316,182	19
	20 to 23	394,076	24	332,913	21	382,505	24	530,056	33
	16 to 19	309,855	19	525,628	32	360,259	22	366,855	23
	13 to 15	201,235	12	217,338	13	214,265	13	153,754	9
	01 to 12	188,825	12	8,305	1	107,789	7	93,265	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	42,408	46	20.9	22.3	22.0	22.5	22.0
	Females	49,859	54	21.3	20.9	22.1	21.3	21.5
	Missing	46	0	17.2	18.2	18.4	19.2	18.4
National	Males	739,070	46	20.2	21.6	21.1	21.4	21.2
	Females	879,957	54	20.9	20.6	21.4	20.5	21.0
	Missing	4,085	0	16.4	17.8	17.7	17.8	17.6

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	70	55	57	41	33
	Females	73	44	58	30	24
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 92,313

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	73,939	76	21.9	55	22.2	62	22.7	39	22.4	32	22.4
	Less than Core	17,336	51	18.1	24	18.7	40	19.6	16	19.4	11	19.1
	Missing ³	1,038	39	16.7	21	18.2	32	18.7	16	18.6	12	18.2
National	Core or More	1,202,164	72	21.5	51	21.8	57	22.0	34	21.6	29	21.9
	Less than Core	366,518	51	18.3	27	19.0	38	19.3	17	19.0	13	19.0
	Missing	54,430	38	16.3	21	18.0	27	17.7	12	17.7	9	17.5

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	89,998	72	21.2	86,308	51	21.8	86,877	58	22.2	80,689	38	22.2
	Less than Core	1,617	48	17.7	5,064	8	16.9	4,699	48	20.7	10,865	11	18.8
	Missing ³	698	42	17.4	941	22	18.3	737	36	19.2	759	20	19.2
National	Core or More	1,510,179	68	20.9	1,494,425	47	21.4	1,424,252	54	21.6	1,367,777	33	21.4
	Less than Core	66,225	40	16.6	79,145	8	16.4	149,746	40	19.7	205,148	12	18.3
	Missing	46,708	39	16.5	49,542	21	18.1	49,114	28	17.9	50,187	13	17.8

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.

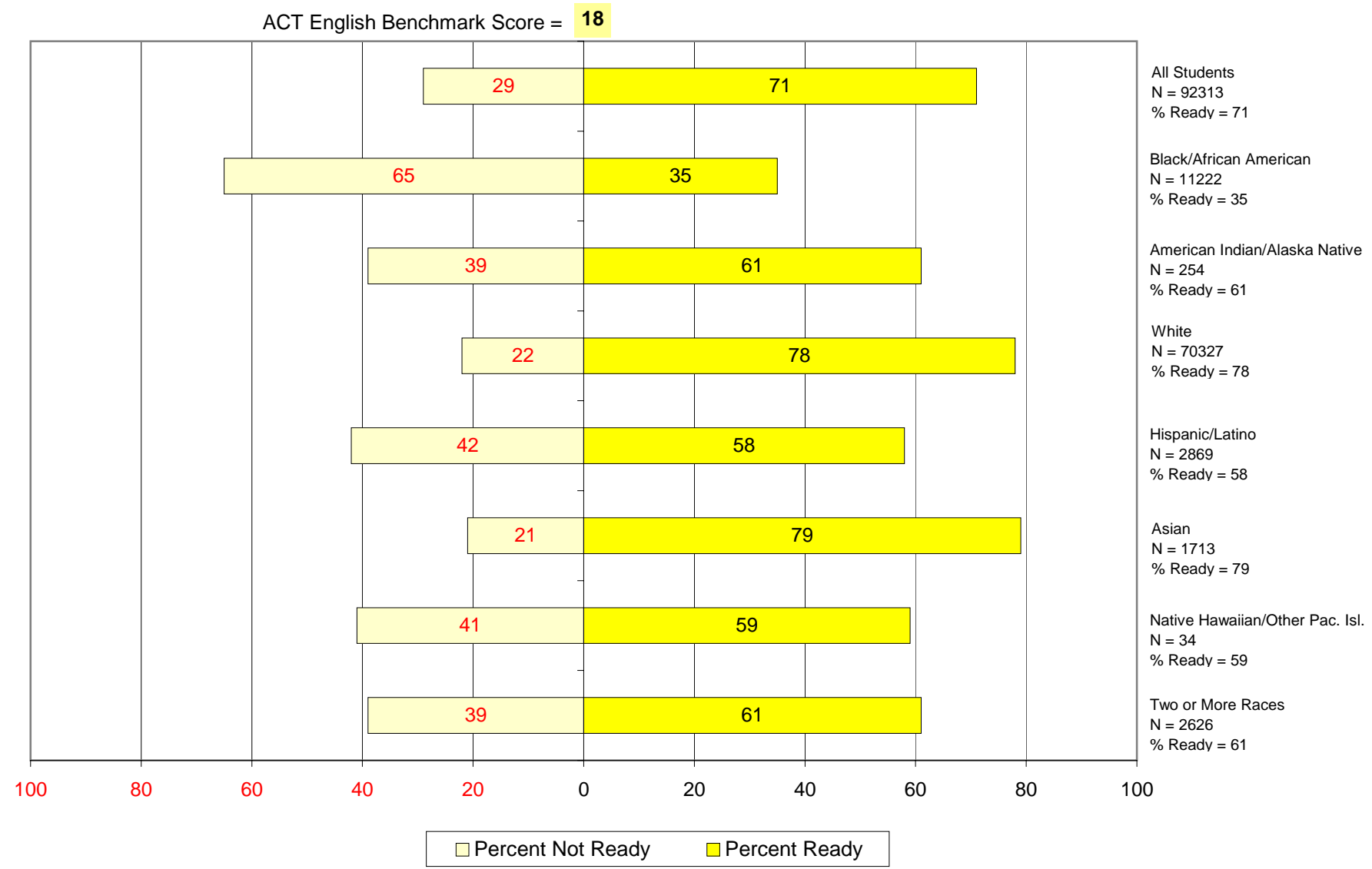
³ Zero years or no coursework information reported in the specified content area.

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.

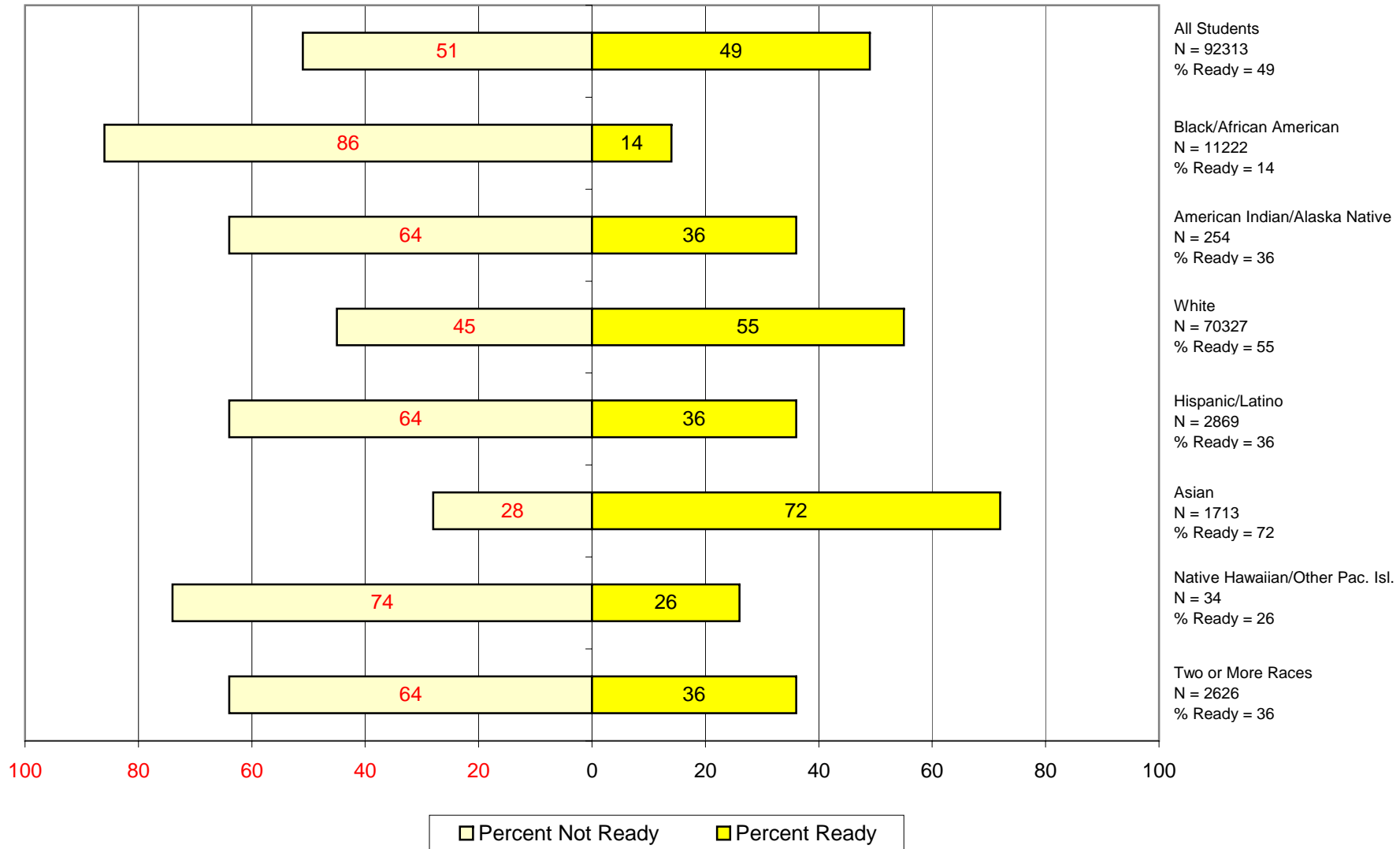
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

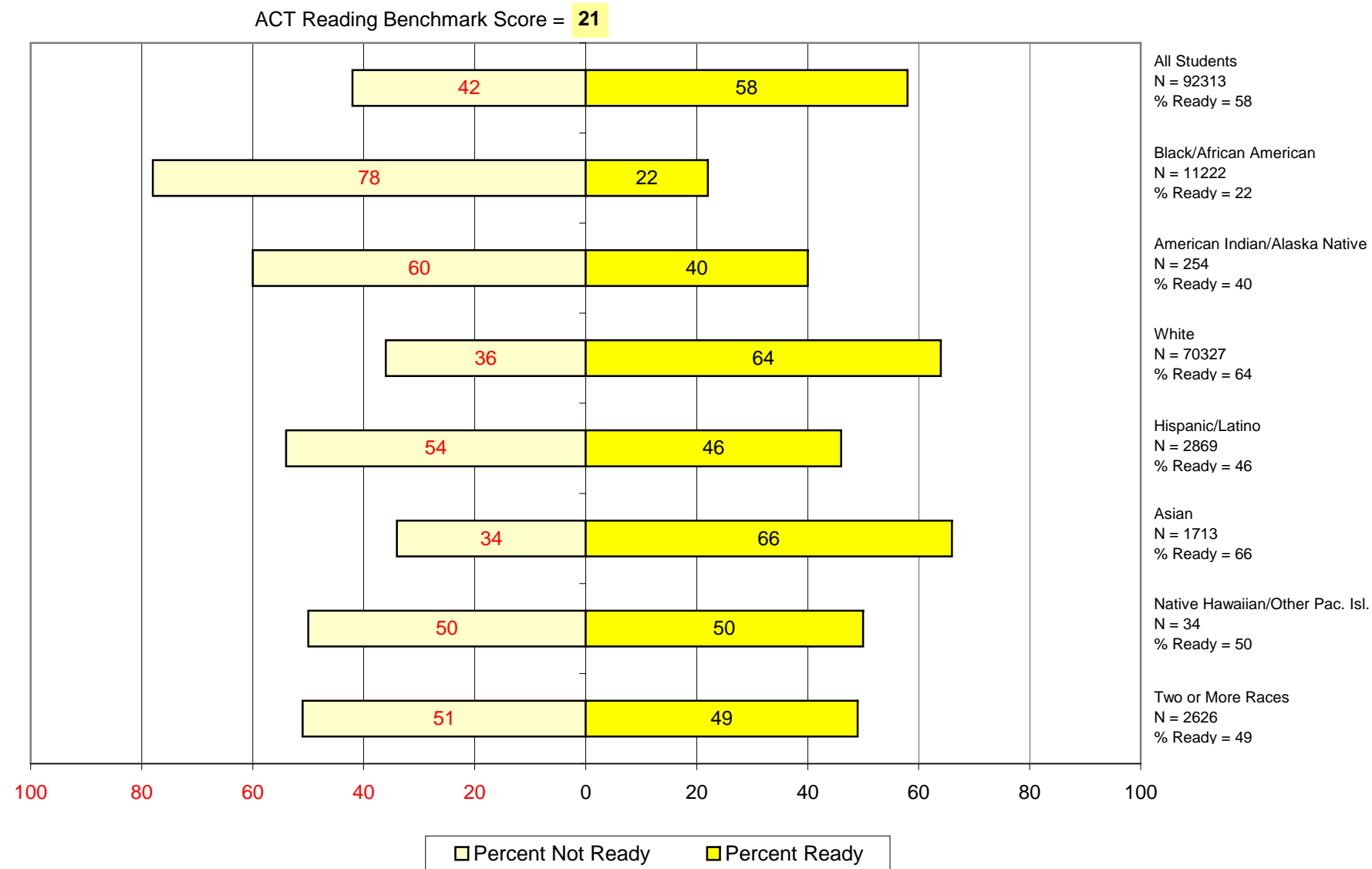
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 92,313

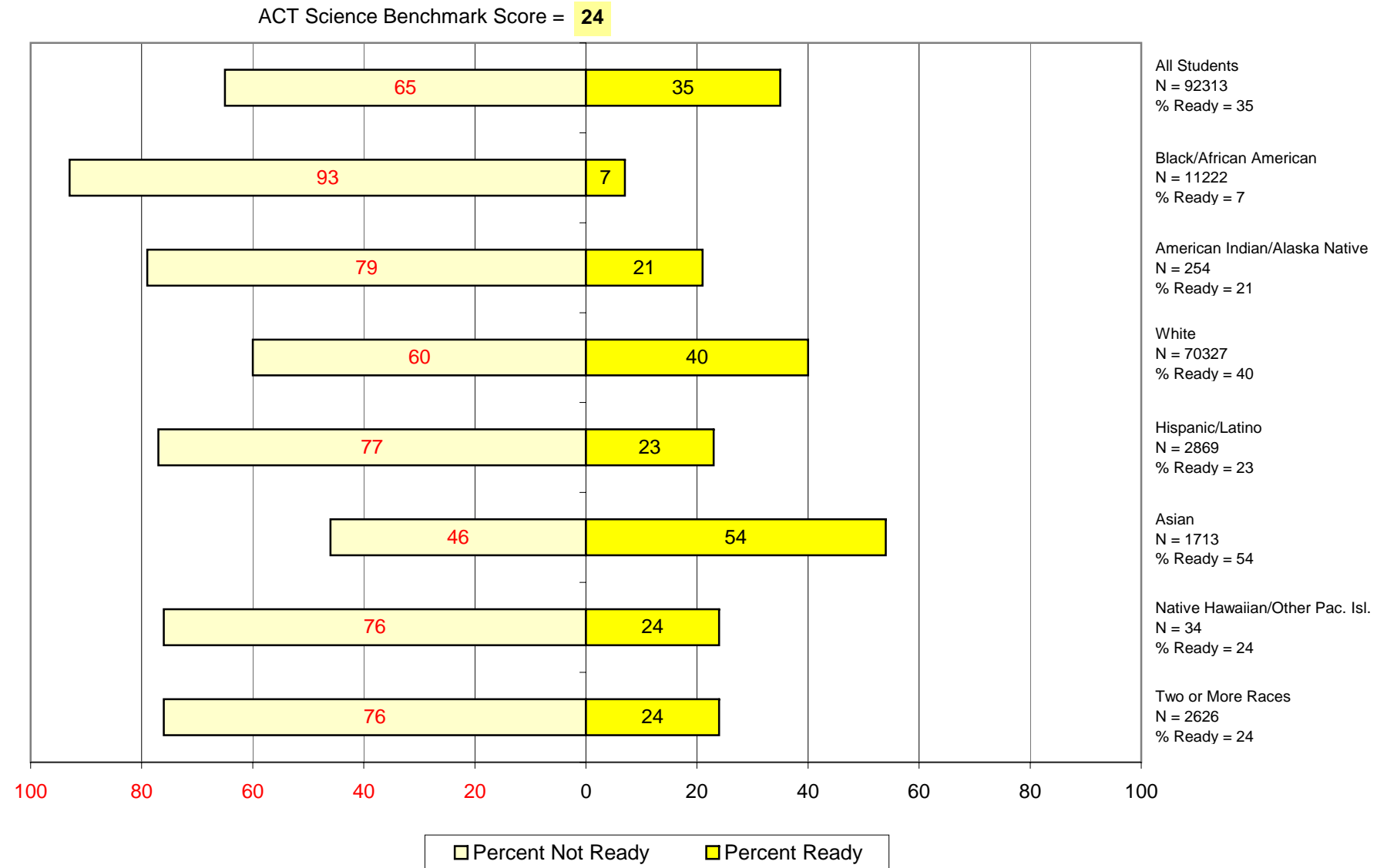
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING



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

Total Students in Report: 92,313

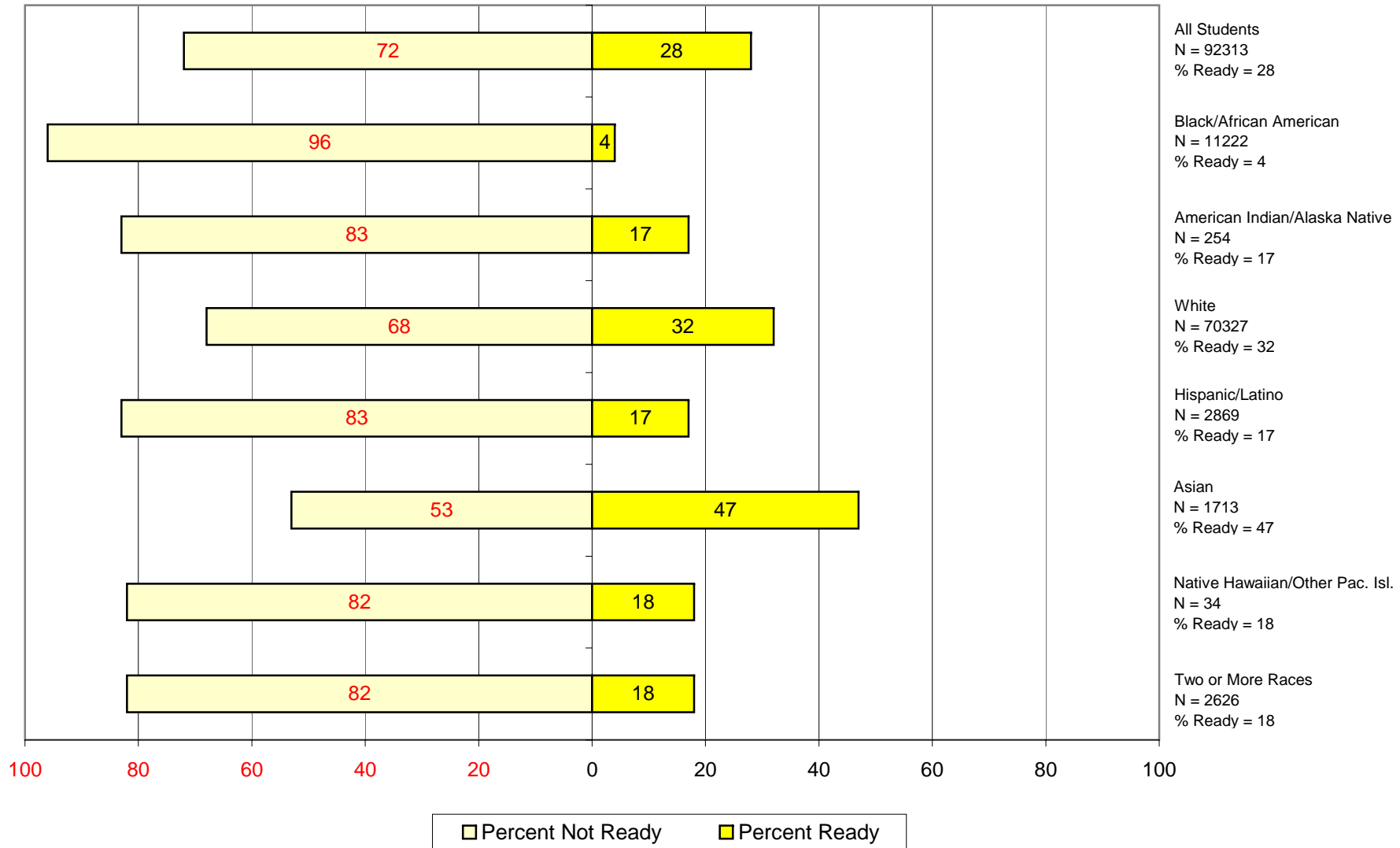
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE



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

Total Students in Report: 92,313

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: 92,313

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	22,851	25	22.2	4.5	9,620	23	21.9	4.8	13,225	27	22.5	4.3
Eng 9, Eng 10, Eng 11, Eng 12	67,147	73	20.9	3.2	31,648	75	20.7	3.6	35,472	71	21.0	2.8
Less than 4 years of English	1,617	2	17.7	-	752	2	17.1	-	856	2	18.2	-
Zero years / no English courses reported	698	1	17.4	-	388	1	17.0	-	306	1	17.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	5,244	6	24.7	7.8	2,511	6	25.4	8.2	2,731	5	24.0	7.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,821	8	22.3	5.4	3,226	8	22.8	5.6	4,593	9	21.9	5.3
Alg 1, Alg 2, Geom, & Trig	5,510	6	20.3	3.4	2,451	6	20.8	3.6	3,056	6	19.8	3.2
Alg 1, Alg 2, Geom, & Other Adv Math	16,613	18	20.5	3.6	6,557	15	20.9	3.7	10,050	20	20.2	3.6
Other comb of 4 or more years of Math	32,401	35	24.2	7.3	16,689	39	24.9	7.7	15,708	32	23.4	6.8
Alg 1, Alg 2, & Geom	14,196	15	17.8	0.9	6,001	14	18.3	1.1	8,179	16	17.5	0.9
Other comb of 3 or 3.5 years of Math	4,523	5	20.5	3.6	2,244	5	20.9	3.7	2,278	5	20.1	3.5
Less than 3 years of Math	5,064	5	16.9	-	2,235	5	17.2	-	2,821	6	16.6	-
Zero years / no Math courses reported	941	1	18.3	-	494	1	18.7	-	443	1	17.9	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	5,945	6	22.8	2.1	2,991	7	22.8	2.1	2,953	6	22.8	2.1
Other comb of 4 or more years Social Science	41,829	45	22.6	1.9	19,489	46	22.5	1.8	22,336	45	22.8	2.1
US Hist, World Hist, & Am Gov	12,599	14	20.5	-0.2	5,833	14	20.5	-0.2	6,752	14	20.5	-0.2
Other comb of 3 or 3.5 years of Social Science	26,504	29	22.1	1.4	11,477	27	22.0	1.3	15,014	30	22.1	1.4
Less than 3 years of Social Science	4,699	5	20.7	-	2,217	5	20.7	-	2,472	5	20.7	-
Zero years / no Social Science courses reported	737	1	19.2	-	401	1	18.9	-	332	1	19.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	44,964	49	23.1	4.3	22,099	52	23.8	4.7	22,849	46	22.5	3.9
Bio, Chem, Phys	5,382	6	25.1	6.3	2,770	7	25.8	6.7	2,612	5	24.3	5.7
Gen Sci ² , Bio, Chem	28,232	31	20.5	1.7	11,060	26	20.8	1.7	17,155	34	20.3	1.7
Other comb of 3 years of Natural Science	2,111	2	19.7	0.9	1,185	3	20.4	1.3	926	2	18.9	0.3
Less than 3 years of Natural Science	10,865	12	18.8	-	4,880	12	19.1	-	5,977	12	18.6	-
Zero years / no Natural Science courses reported	759	1	19.2	-	414	1	19.5	-	340	1	18.9	-

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: 92,313

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	22,851	25	22.2	78	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	67,147	73	20.9	70	1,143,409	70	20.6	66
Less than 4 years of English	1,617	2	17.7	48	66,225	4	16.6	40
Zero years / no English courses reported	698	1	17.4	42	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	5,244	6	24.7	75	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	7,821	8	22.3	60	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	5,510	6	20.3	39	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	16,613	18	20.5	41	271,304	17	19.9	36
Other comb of 4 or more years of Math	32,401	35	24.2	70	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	14,196	15	17.8	15	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	4,523	5	20.5	40	78,953	5	19.9	35
Less than 3 years of Math	5,064	5	16.9	8	79,145	5	16.4	8
Zero years / no Math courses reported	941	1	18.3	22	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	5,945	6	22.8	61	47,284	3	22.5	59
Other comb of 4 or more years Social Science	41,829	45	22.6	62	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	12,599	14	20.5	46	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	26,504	29	22.1	58	445,631	27	21.1	51
Less than 3 years of Social Science	4,699	5	20.7	48	149,746	9	19.7	40
Zero years / no Social Science courses reported	737	1	19.2	36	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	44,964	49	23.1	46	686,167	42	22.1	39
Bio, Chem, Phys	5,382	6	25.1	63	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	28,232	31	20.5	21	476,294	29	20.1	21
Other comb of 3 years of Natural Science	2,111	2	19.7	20	45,296	3	19.6	20
Less than 3 years of Natural Science	10,865	12	18.8	11	205,148	13	18.3	12
Zero years / no Natural Science courses reported	759	1	19.2	20	50,187	3	17.8	13

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: 92,313

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	1,028	1	19.7	198	5	17.8	787	1	20.3
Architecture	979	1	21.7	31	1	15.9	896	1	22.0
Area, Ethnic, & Multidisciplinary Studies	171	0	24.4	2	0	15.5	158	0	24.5
Arts: Visual & Performing	5,931	6	21.3	295	7	17.8	5,282	6	21.6
Business	9,094	10	21.0	451	11	17.0	8,167	10	21.3
Communications	2,086	2	21.7	53	1	17.4	1,940	2	21.8
Community, Family, & Personal Services	2,559	3	19.2	252	6	17.2	2,170	3	19.5
Computer Science & Mathematics	2,718	3	22.6	140	3	18.8	2,446	3	22.9
Education	7,641	8	21.2	160	4	16.8	7,163	9	21.4
Engineering	4,753	5	24.2	116	3	17.9	4,450	5	24.5
Engineering Technology & Drafting	2,649	3	23.1	80	2	18.4	2,425	3	23.3
English & Foreign Languages	1,082	1	24.4	19	0	19.4	1,013	1	24.6
Health Administration & Assisting	2,074	2	18.6	250	6	17.4	1,706	2	18.8
Health Sciences & Technologies	19,393	21	21.4	947	23	18.0	17,738	22	21.7
Philosophy, Religion, & Theology	458	0	22.1	16	0	19.0	416	1	22.3
Repair, Production, & Construction	615	1	18.7	226	6	17.9	352	0	19.3
Sciences: Biological & Physical	5,780	6	24.0	55	1	17.8	5,520	7	24.1
Social Sciences & Law	6,493	7	22.1	121	3	17.2	6,102	7	22.2
Undecided	15,419	17	22.2	615	15	17.8	13,428	16	22.4
No Response	1,390	2	18.2	58	1	14.2	308	0	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: 92,313

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	603	17.5	109	14.5	2	21.5	412	18.4	26	16.3
2-yr College Degree	3,482	17.6	435	14.6	12	17.6	2,716	18.2	112	16.6
Bachelors Degree	47,090	20.7	5,317	16.5	118	18.9	37,137	21.4	1,437	19.1
Graduate Study	14,458	24.0	1,188	19.0	43	21.2	11,695	24.6	381	22.3
Prof. Level Degree	20,919	23.7	2,954	18.7	59	22.1	14,797	24.7	719	22.1
Other	1,275	19.1	220	15.1	3	18.3	873	20.1	40	17.6
No Response	4,486	20.9	999	15.7	17	17.4	2,697	22.8	154	18.8

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	603	17.5	11	17.1	0	.	13	17.5	30	17.6
2-yr College Degree	3,482	17.6	26	16.9	2	16.5	94	17.7	85	16.7
Bachelors Degree	47,090	20.7	499	21.2	14	18.4	1,318	19.5	1,250	20.8
Graduate Study	14,458	24.0	255	25.7	8	22.6	369	22.2	519	23.7
Prof. Level Degree	20,919	23.7	781	26.2	9	19.9	647	22.3	953	24.1
Other	1,275	19.1	20	20.9	1	22.0	46	17.4	72	19.8
No Response	4,486	20.9	121	26.0	0	.	139	19.3	359	21.2

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

Total Students in Report: 92,313

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
OHIO STATE UNIVERSITY THE	Ohio	20,580	8,752	11,828	1	4	16	29	29	18	2
UNIVERSITY OF CINCINNATI	Ohio	12,950	4,563	8,387	1	7	20	31	26	13	1
OHIO UNIVERSITY	Ohio	10,642	2,953	7,689	0	4	20	37	27	11	1
KENT STATE UNIVERSITY	Ohio	9,740	3,020	6,720	1	9	29	35	19	6	0
BOWLING GREEN STATE UNIVERSITY	Ohio	9,433	2,802	6,631	1	8	27	36	21	7	0
UNIVERSITY OF AKRON	Ohio	8,460	2,821	5,639	2	11	29	32	18	8	0
MIAMI UNIVERSITY	Ohio	7,943	1,957	5,986	0	3	11	28	36	20	2
UNIVERSITY OF TOLEDO	Ohio	7,244	1,989	5,255	2	11	27	31	20	9	1
WRIGHT STATE UNIVERSITY	Ohio	5,417	1,752	3,665	2	11	29	32	19	7	0
UNIVERSITY OF DAYTON	Ohio	3,505	724	2,781	1	3	11	27	34	22	3
CLEVELAND STATE UNIVERSITY	Ohio	2,841	919	1,922	3	15	34	30	14	4	0
NCAA ELIGIBILITY CENTER	Indiana	2,484	1,257	1,227	2	10	24	34	22	8	1
YOUNGSTOWN STATE UNIVERSITY	Ohio	2,483	1,002	1,481	2	12	33	31	16	6	0
XAVIER UNIVERSITY-OH	Ohio	2,382	438	1,944	2	6	19	29	28	15	1
UNIVERSITY OF KENTUCKY	Kentucky	1,942	383	1,559	1	4	16	33	30	15	1
ASHLAND UNIVERSITY	Ohio	1,906	538	1,368	1	6	25	37	23	8	0
NORTHERN KENTUCKY UNIVERSITY	Kentucky	1,870	402	1,468	3	10	31	35	16	4	0
OHIO NORTHERN UNIVERSITY	Ohio	1,796	473	1,323	0	2	12	26	36	22	2
CAPITAL UNIVERSITY	Ohio	1,772	427	1,345	1	6	22	33	26	10	0
CASE WESTERN RESERVE UNIV	Ohio	1,662	427	1,235	1	3	9	15	29	35	8
SHAWNEE STATE UNIVERSITY	Ohio	1,573	589	984	2	13	36	32	14	3	0
UNIVERSITY OF FINDLAY THE	Ohio	1,540	378	1,162	0	4	20	33	29	13	1
COLUMBUS STATE COMMUNITY COLLEGE	Ohio	1,502	500	1,002	4	14	35	30	13	3	0
UNIVERSITY OF MOUNT UNION	Ohio	1,486	370	1,116	1	8	26	35	22	8	0
OTTERBEIN COLLEGE	Ohio	1,457	310	1,147	1	5	20	33	28	12	1
BALDWIN-WALLACE COLLEGE	Ohio	1,428	383	1,045	1	6	21	32	26	13	1
PURDUE UNIVERSITY	Indiana	1,157	227	930	0	1	6	16	32	37	7
UNIVERSITY OF MICHIGAN-ANN ARBOR	Michigan	986	231	755	1	3	8	18	27	34	9
OWENS COMMUNITY COLLEGE	Ohio	980	294	686	3	16	39	30	9	2	0
SINCLAIR COMMUNITY COLLEGE	Ohio	968	323	645	2	14	38	32	12	2	0
All Other Institutions		77,088	21,149	55,939	2	9	24	28	21	14	3
Total		207,217	62,353	144,864	1	8	23	30	23	13	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: 92,313

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	56,078	905,035	21.5	21.5	6.9	7.1	20.5	20.8
Black/African American	7,776	112,251	15.9	16.7	6.0	6.3	15.7	16.5
American Indian/Alaska Native	166	5,519	19.1	18.4	6.7	6.5	18.6	18.0
White	41,004	522,234	22.5	23.2	7.0	7.3	21.5	22.2
Hispanic/Latino	1,898	128,599	19.3	18.4	6.7	6.8	18.8	18.2
Asian	1,325	51,829	24.3	23.8	7.5	7.6	23.2	22.9
Native Hawaiian/Other Pac. Isl.	29	1,332	18.9	19.7	7.0	7.2	18.8	19.5
Two or more races	1,683	27,722	20.1	21.6	6.5	7.0	19.2	20.8
Prefer not/No Response	2,197	55,549	22.1	21.3	7.0	7.0	21.1	20.5
Males	25,138	399,206	21.4	21.3	6.7	6.8	20.3	20.3
Females	30,903	503,699	21.5	21.8	7.0	7.3	20.7	21.1
Missing	37	2,130	17.5	17.6	6.0	6.2	16.8	17.1

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

