

ACT Profile Report - State

Graduating Class 2012
Minnesota



ACT, INC. -- CONFIDENTIAL



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

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

36% 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: 44,977 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. 87% 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 2% of the cohort took less than three years of math courses. Of these students, 18% were college ready. 11% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 23% of these students were college ready. In comparison, 68% 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 8% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 45% 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 28% 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.

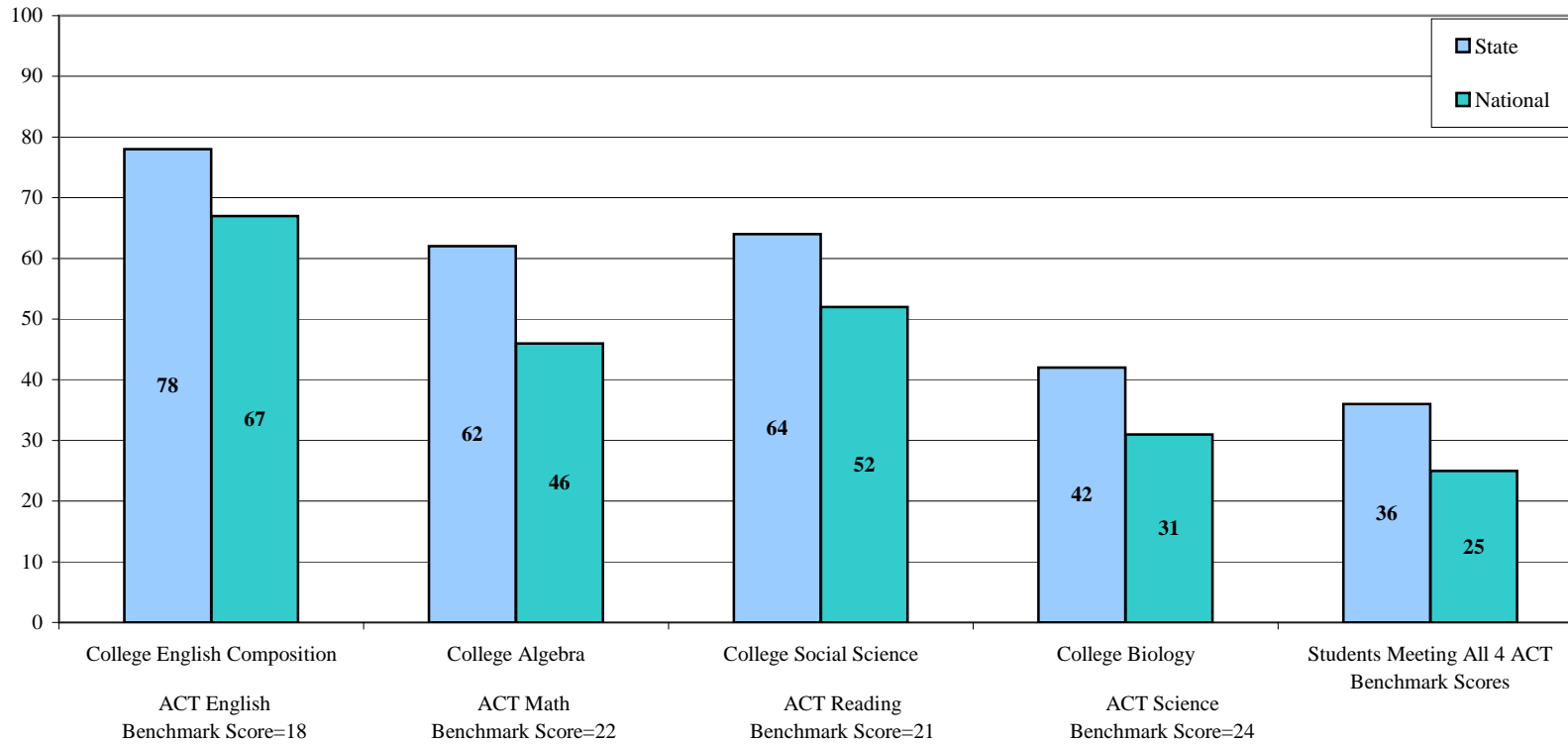
Section I

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: 44,977

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: 44,977

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2008	44,863	1,421,941	77	68	56	43	64	53	40	28	32	22
2009	43,642	1,480,469	78	67	57	42	65	53	39	28	32	23
2010	44,323	1,568,835	79	66	61	43	65	52	42	29	35	24
2011	44,952	1,623,112	78	66	62	45	64	52	43	30	36	25
2012	44,977	1,666,017	78	67	62	46	64	52	42	31	36	25

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2008	44,863	1,421,941	21.9	20.6	22.6	21.0	23.0	21.4	22.5	20.8	22.6	21.1
2009	43,642	1,480,469	22.0	20.6	22.7	21.0	23.1	21.4	22.6	20.9	22.7	21.1
2010	44,323	1,568,835	22.3	20.5	22.9	21.0	23.2	21.3	22.8	20.9	22.9	21.0
2011	44,952	1,623,112	22.3	20.6	23.0	21.1	22.9	21.3	22.8	20.9	22.9	21.1
2012	44,977	1,666,017	22.1	20.5	23.0	21.1	22.9	21.3	22.7	20.9	22.8	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: 44,977

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	29,929	10,196	67	23	22.4	20.4	23.1	21.0	23.4	21.9	22.9	21.3	23.1	21.3
2009	36,057	7,072	83	16	22.6	19.7	23.2	20.3	23.5	21.1	23.0	20.7	23.2	20.6
2010	37,587	6,344	85	14	22.7	19.8	23.4	20.5	23.5	21.1	23.1	20.8	23.3	20.7
2011	38,468	6,115	86	14	22.7	19.9	23.5	20.7	23.3	21.1	23.2	20.9	23.3	20.8
2012	38,933	5,813	87	13	22.5	19.7	23.4	20.7	23.2	21.0	23.1	20.8	23.2	20.7

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

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

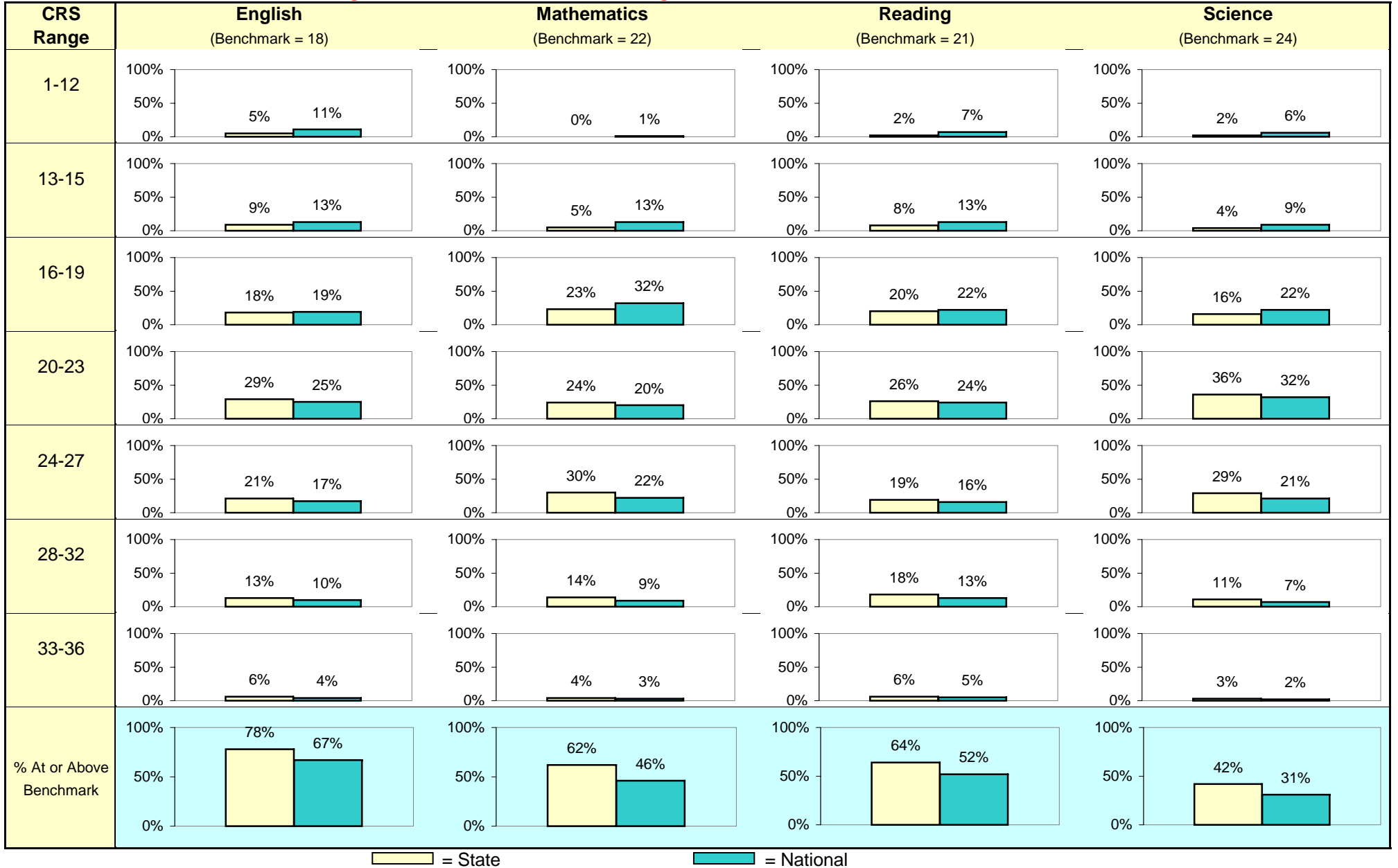
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	44,863	100	22.6	43,642	100	22.7	44,323	100	22.9	44,952	100	22.9	44,977	100	22.8
Black/African American	1,629	4	17.6	1,786	4	17.8	1,995	5	17.7	2,095	5	17.9	2,047	5	17.9
American Indian/Alaska Native	239	1	20.6	275	1	20.2	307	1	20.5	232	1	20.2	211	0	20.3
White	35,010	78	23.0	35,563	81	23.2	36,213	82	23.5	36,070	80	23.5	35,159	78	23.4
Hispanic/Latino	812	2	20.3	871	2	20.4	976	2	20.0	1,389	3	20.1	1,757	4	20.4
Asian	2,133	5	20.4	2,265	5	20.4	2,375	5	20.8	2,641	6	20.6	2,628	6	20.7
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	20	0	21.2	45	0	19.5
Two or more races	712	2	22.0	784	2	21.9	943	2	22.2	1,033	2	21.9	1,459	3	22.2
Prefer not to respond/No response	4,328	10	23.5	2,098	5	23.2	1,514	3	22.6	1,472	3	23.2	1,671	4	23.7

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

Total Students in Report: 44,977

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: 44,977

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	166	100	180	100	424	100	280	100	32	100	36
35	697	100	363	100	453	99	275	99	178	100	35
34	826	98	641	99	790	98	242	99	351	100	34
33	829	96	669	97	1,144	96	360	98	543	99	33
32	963	94	737	96	1,246	94	689	97	836	98	32
31	966	92	669	94	1,708	91	783	96	948	96	31
30	1,115	90	1,239	93	1,592	87	996	94	1,382	94	30
29	1,255	88	1,265	90	1,633	84	863	92	1,520	91	29
28	1,384	85	2,207	87	1,795	80	1,395	90	1,969	87	28
27	1,813	82	2,554	82	1,889	76	2,783	87	2,510	83	27
26	2,126	78	3,709	77	1,989	72	2,100	81	2,699	77	26
25	2,295	73	3,276	68	2,062	67	3,694	76	3,007	71	25
24	3,337	68	4,121	61	2,778	63	4,654	68	3,482	64	24
23	2,794	60	3,576	52	2,808	57	4,178	58	3,547	57	23
22	2,862	54	2,839	44	3,176	50	4,280	48	3,721	49	22
21	4,016	48	1,632	38	3,338	43	3,818	39	3,670	41	21
20	3,164	39	2,629	34	2,582	36	3,804	30	3,278	32	20
19	2,396	32	2,388	28	2,686	30	2,671	22	2,846	25	19
18	2,054	27	2,717	23	2,682	24	2,207	16	2,418	19	18
17	1,736	22	2,677	17	1,995	18	1,339	11	1,938	13	17
16	1,866	18	2,713	11	1,463	14	980	8	1,439	9	16
15	1,989	14	1,544	5	1,728	11	730	6	1,033	6	15
14	1,293	10	414	1	1,026	7	586	4	737	4	14
13	757	7	153	1	895	4	456	3	483	2	13
12	576	5	32	1	547	2	315	2	255	1	12
11	575	4	24	1	303	1	239	1	106	1	11
10	480	3	6	1	137	1	153	1	29	1	10
9	277	1	2	1	49	1	65	1	17	1	9
8	237	1	0	1	23	1	22	1	1	1	8
7	92	1	0	1	21	1	11	1	2	1	7
6	27	1	1	1	5	1	6	1	0	1	6
5	8	1	0	1	5	1	1	1	0	1	5
4	4	1	0	1	2	1	0	1	0	1	4
3	2	1	0	1	1	1	2	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	22.1 (5.9)		23.0 (5.0)		22.9 (5.8)		22.7 (4.6)		22.8 (4.8)		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: 44,977

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	2,100	100	727	100	1,556	100	1,891	100	2,722	100	616	100	727	100	18
17	2,121	95	873	98	2,615	97	2,708	96	2,803	94	396	99	269	98	17
16	2,940	91	3,504	96	3,331	91	3,241	90	2,358	88	1,815	98	2,405	98	16
15	1,927	84	3,017	89	3,050	83	2,763	83	3,604	82	2,466	94	3,694	92	15
14	3,592	80	4,508	82	4,102	77	3,847	76	4,275	74	5,429	88	4,844	84	14
13	2,156	72	4,654	72	4,739	67	4,041	68	5,111	65	6,889	76	6,135	73	13
12	4,153	67	5,201	62	5,139	57	4,295	59	4,999	54	5,312	61	6,581	60	12
11	4,773	58	5,867	50	3,934	45	4,073	49	4,953	42	5,913	49	6,014	45	11
10	5,623	47	4,201	37	4,260	37	4,151	40	3,733	31	6,621	36	4,992	32	10
9	4,207	35	4,908	28	4,030	27	3,936	31	3,004	23	4,011	21	3,799	21	9
8	3,684	25	2,736	17	3,205	18	3,882	22	3,428	16	3,043	12	2,421	12	8
7	2,952	17	1,879	11	2,958	11	2,181	14	2,701	9	1,161	5	1,575	7	7
6	1,952	11	1,158	6	1,054	5	1,973	9	800	3	610	3	760	3	6
5	1,239	6	862	4	545	2	1,330	4	308	1	402	2	212	2	5
4	843	3	615	2	288	1	386	1	107	1	122	1	392	1	4
3	491	2	219	1	105	1	213	1	55	1	109	1	21	1	3
2	206	1	42	1	44	1	63	1	15	1	10	1	100	1	2
1	18	1	6	1	22	1	3	1	1	1	52	1	36	1	1
Avg (SD)	11.1 (3.7)		11.5 (3.1)		11.8 (3.3)		11.6 (3.6)		12.2 (3.3)		11.6 (2.6)		11.7 (2.8)		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)	26	26	27	25	26
Q2 (50th Percentile)	22	23	22	23	23
Q1 (25th Percentile)	18	19	19	20	19

Total Students in Report: 44,977

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	44,977	87	23.2	20.7
	Black/African American	2,047	85	18.1	16.7
	American Indian/Alaska Native	211	79	20.8	18.4
	White	35,159	87	23.7	21.2
	Hispanic/Latino	1,757	84	20.8	18.4
	Asian	2,628	87	21.0	18.9
	Native Hawaiian/Other Pac. Isl.	45	80	20.0	17.3
	Two or more races	1,459	84	22.6	20.1
	Prefer not/No Response	1,671	86	24.1	21.1
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

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

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

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	22.1	23.0	22.9	22.7	22.8
	Black/African American	16.5	18.3	18.0	18.1	17.9
	American Indian/Alaska Native	18.7	20.4	21.1	20.4	20.3
	White	22.8	23.5	23.5	23.3	23.4
	Hispanic/Latino	19.3	20.6	20.7	20.6	20.4
	Asian	19.1	21.9	20.1	20.9	20.7
	Native Hawaiian/Other Pac. Isl.	18.9	19.5	19.6	19.6	19.5
	Two or more races	21.5	22.1	22.6	22.1	22.2
	Prefer not/No Response	23.3	23.5	24.1	23.2	23.7
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: 44,977

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	2,518	6	1,853	4	2,811	6	1,157	3
	28 to 32	5,683	13	6,117	14	7,974	18	4,726	11
	24 to 27	9,571	21	13,660	30	8,718	19	13,231	29
	20 to 23	12,836	29	10,676	24	11,904	26	16,080	36
	16 to 19	8,052	18	10,495	23	8,826	20	7,197	16
	13 to 15	4,039	9	2,111	5	3,649	8	1,772	4
	01 to 12	2,278	5	65	0	1,095	2	814	2
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	20,938	47	21.7	23.8	22.9	23.5	23.1
	Females	24,030	53	22.4	22.4	23.0	22.1	22.6
	Missing	9	0	18.3	20.7	18.9	21.0	19.8
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	76	68	63	49	41
	Females	80	58	65	37	32
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 44,977

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	38,933	80	22.5	66	23.4	66	23.2	45	23.1	39	23.2
	Less than Core	5,813	63	19.7	41	20.7	50	21.0	26	20.8	20	20.7
	Missing ³	231	52	17.8	35	19.8	46	20.0	20	20.0	15	19.5
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	44,003	78	22.2	43,845	63	23.1	43,137	64	23.0	41,381	45	23.0
	Less than Core	790	61	19.3	929	18	18.1	1,653	56	22.2	3,401	18	20.0
	Missing ³	184	57	18.5	203	36	20.0	187	49	20.6	195	22	20.4
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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

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

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

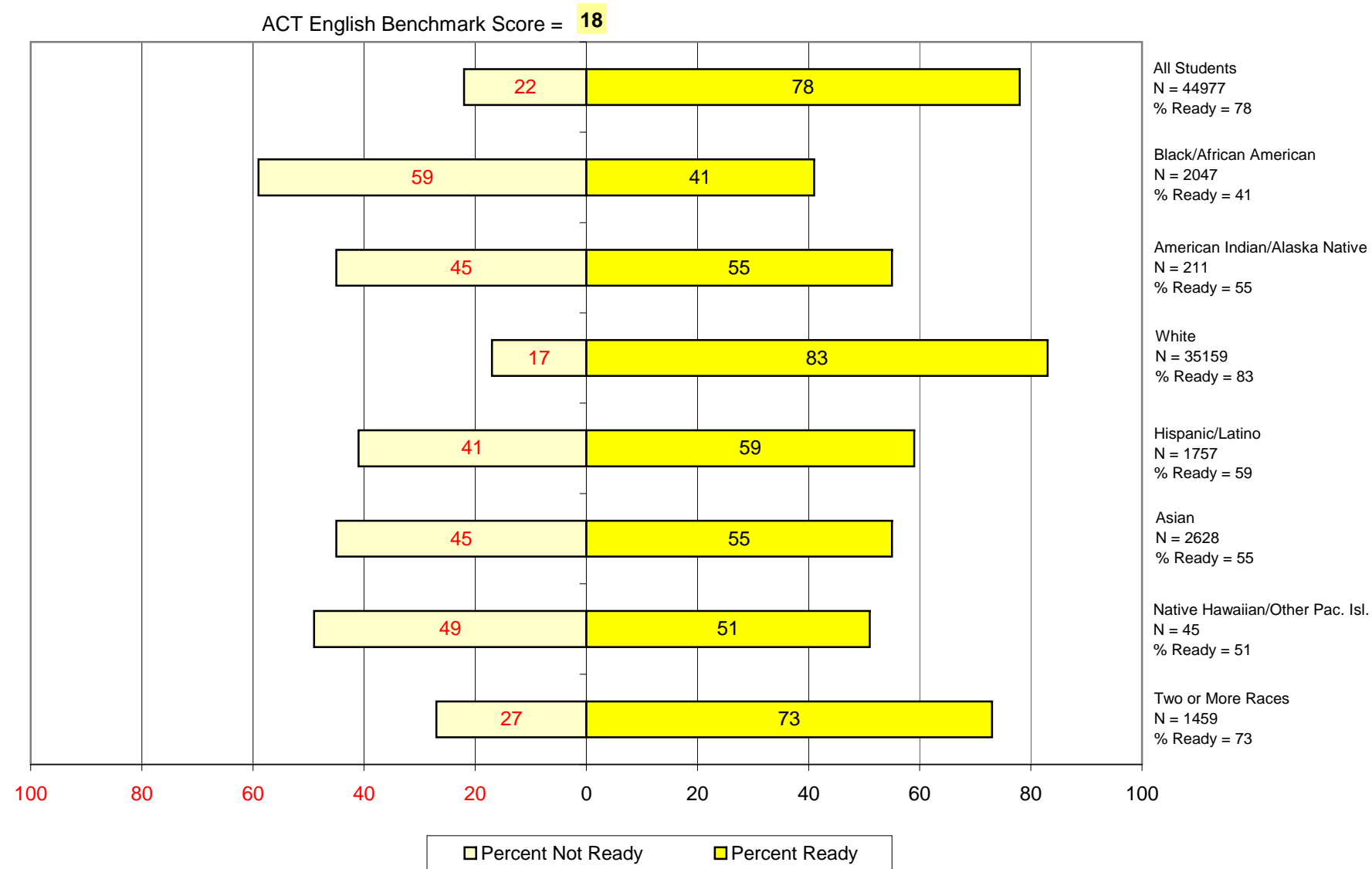
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

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

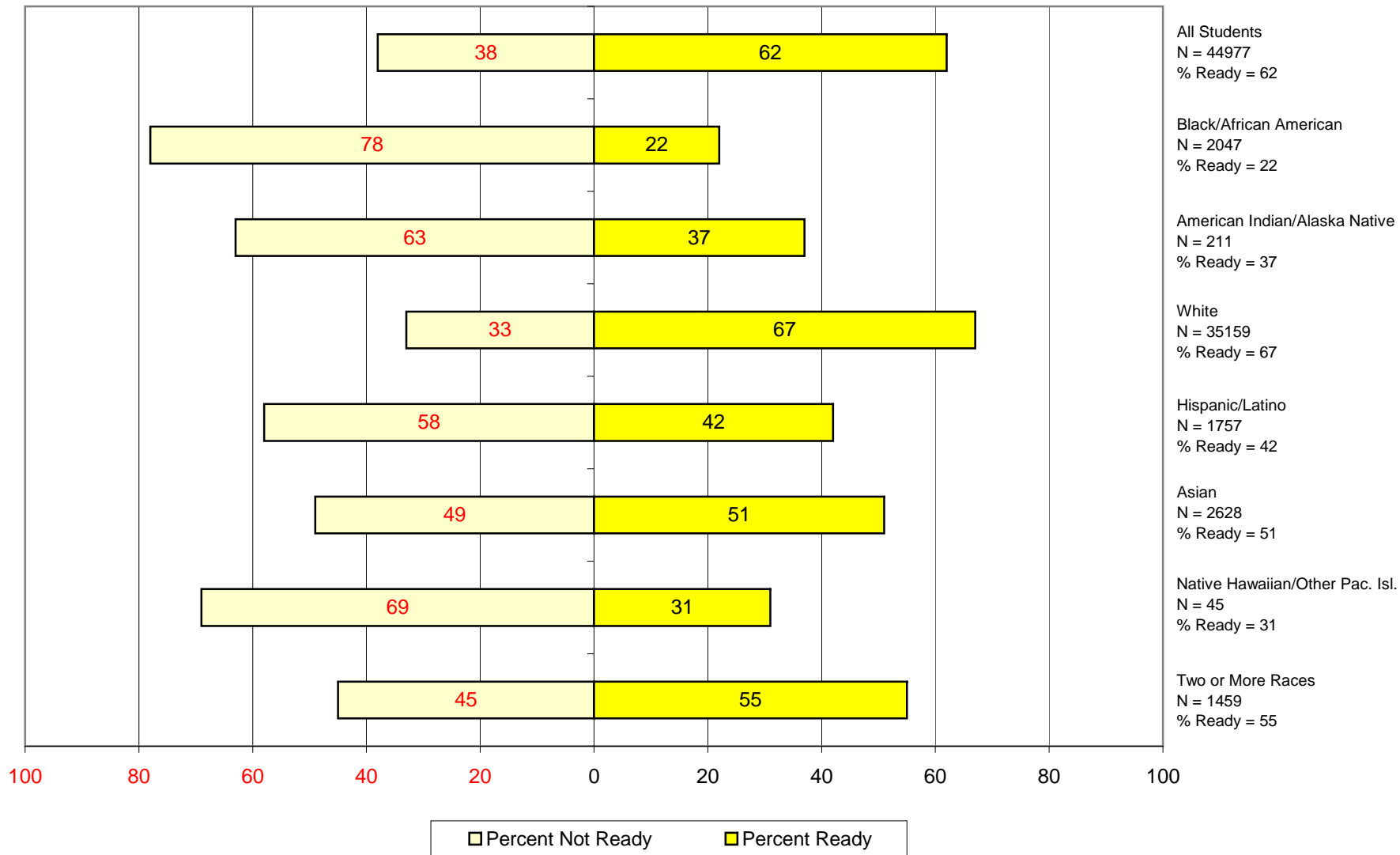
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

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

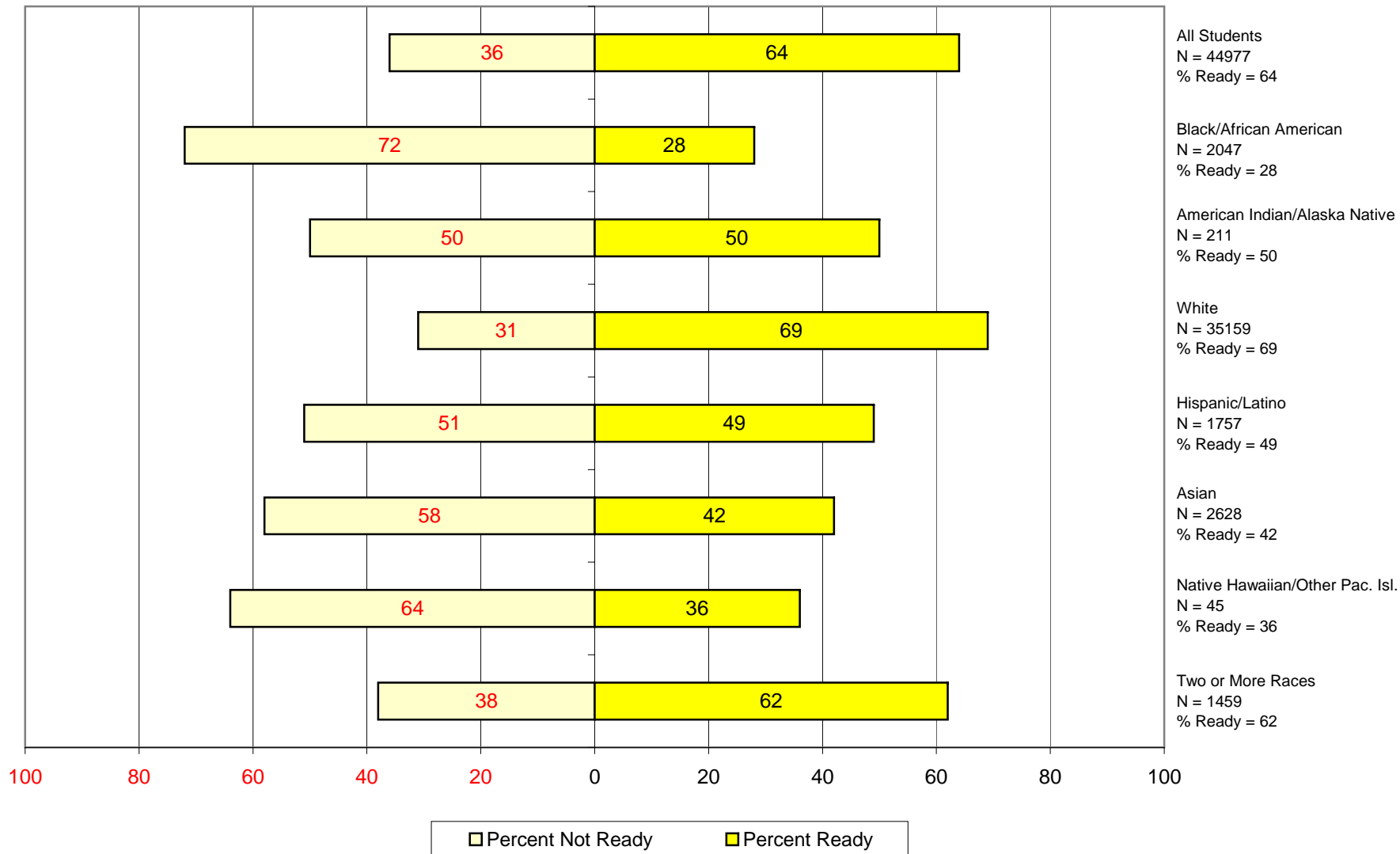
ACT Mathematics Benchmark Score = **22**



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

ACT Reading Benchmark Score = 21

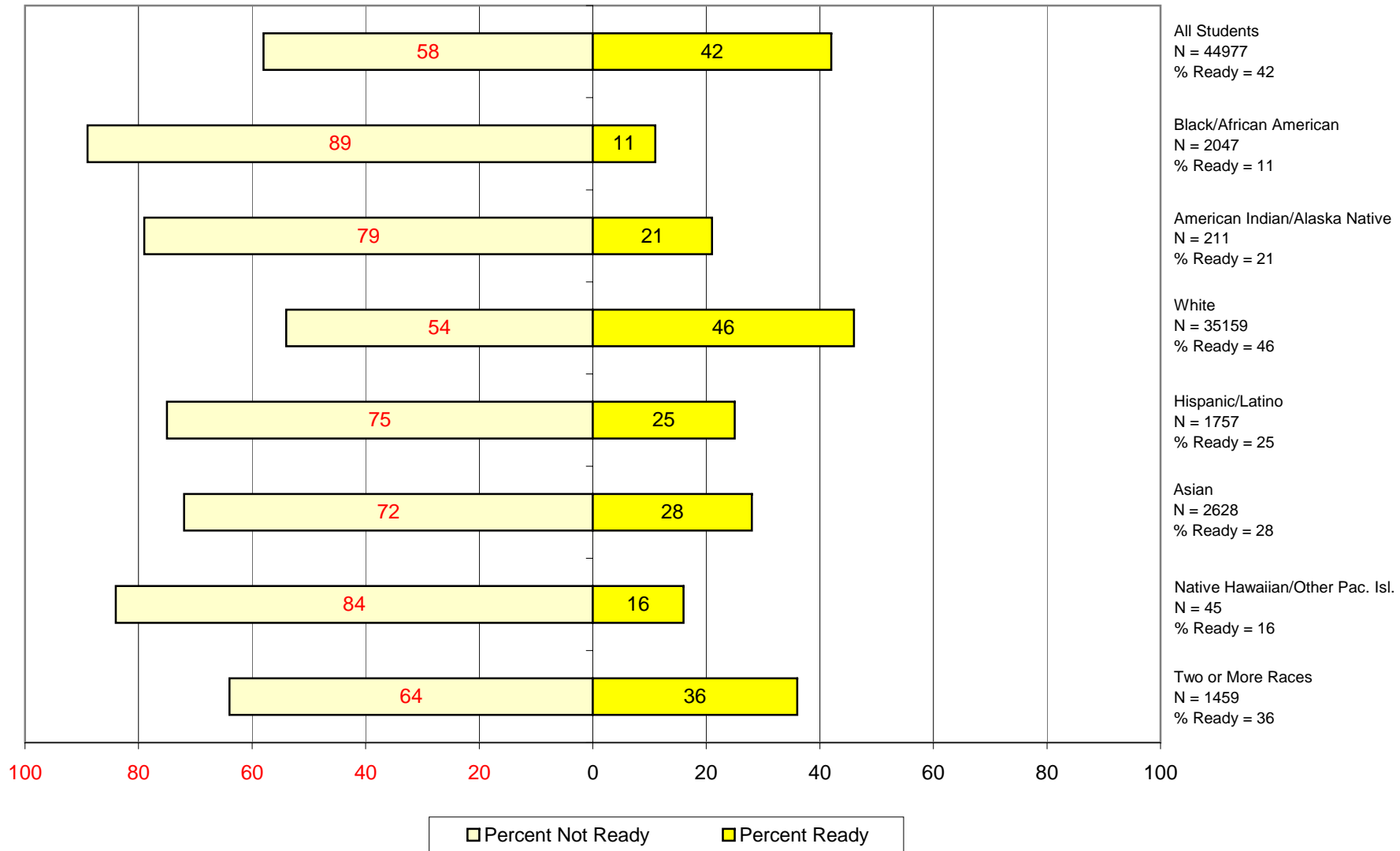


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 44,977

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

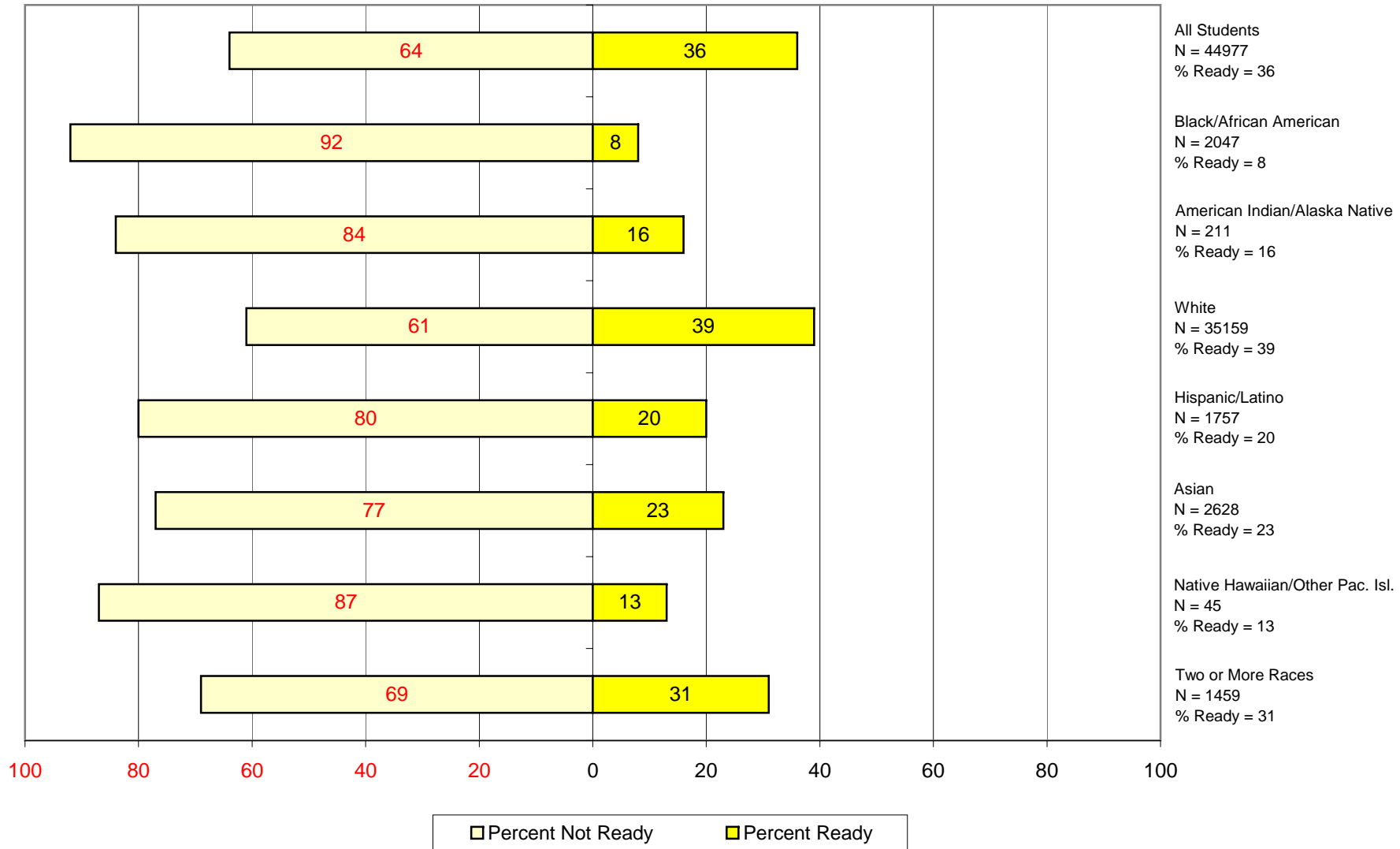
ACT Science Benchmark Score = **24**



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

Total Students in Report: 44,977

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: 44,977

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	15,887	35	22.6	3.3	6,717	32	22.2	3.4	9,168	38	22.9	3.0
Eng 9, Eng 10, Eng 11, Eng 12	28,116	63	22.0	2.7	13,709	65	21.6	2.8	14,402	60	22.3	2.4
Less than 4 years of English	790	2	19.3	-	397	2	18.8	-	392	2	19.9	-
Zero years / no English courses reported	184	0	18.5	-	115	1	18.1	-	68	0	19.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,068	7	25.4	7.3	1,448	7	26.3	7.7	1,618	7	24.6	6.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,002	11	22.9	4.8	2,085	10	23.3	4.7	2,914	12	22.5	4.6
Alg 1, Alg 2, Geom, & Trig	2,458	5	20.9	2.8	1,121	5	21.4	2.8	1,337	6	20.5	2.6
Alg 1, Alg 2, Geom, & Other Adv Math	7,520	17	21.3	3.2	3,044	15	21.6	3.0	4,476	19	21.0	3.1
Other comb of 4 or more years of Math	19,163	43	25.2	7.1	9,749	47	25.8	7.2	9,413	39	24.5	6.6
Alg 1, Alg 2, & Geom	4,868	11	18.7	0.6	2,137	10	19.2	0.6	2,730	11	18.4	0.5
Other comb of 3 or 3.5 years of Math	1,766	4	21.5	3.4	849	4	22.0	3.4	916	4	21.1	3.2
Less than 3 years of Math	929	2	18.1	-	383	2	18.6	-	546	2	17.9	-
Zero years / no Math courses reported	203	0	20.0	-	122	1	20.4	-	80	0	19.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	488	1	23.9	1.7	274	1	23.0	1.0	214	1	25.0	2.6
Other comb of 4 or more years Social Science	33,644	75	22.9	0.7	15,315	73	22.9	0.9	18,325	76	22.9	0.5
US Hist, World Hist, & Am Gov	487	1	22.2	0.0	270	1	21.9	-0.1	217	1	22.6	0.2
Other comb of 3 or 3.5 years of Social Science	8,518	19	23.1	0.9	4,114	20	23.0	1.0	4,402	18	23.3	0.9
Less than 3 years of Social Science	1,653	4	22.2	-	846	4	22.0	-	805	3	22.4	-
Zero years / no Social Science courses reported	187	0	20.6	-	119	1	20.5	-	67	0	20.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	26,674	59	23.6	3.6	13,415	64	24.3	3.9	13,252	55	22.8	3.1
Bio, Chem, Phys	1,340	3	24.3	4.3	658	3	25.3	4.9	682	3	23.3	3.6
Gen Sci ² , Bio, Chem	12,137	27	21.7	1.7	4,473	21	22.0	1.6	7,664	32	21.5	1.8
Other comb of 3 years of Natural Science	1,230	3	21.8	1.8	751	4	22.3	1.9	479	2	21.1	1.4
Less than 3 years of Natural Science	3,401	8	20.0	-	1,521	7	20.4	-	1,879	8	19.7	-
Zero years / no Natural Science courses reported	195	0	20.4	-	120	1	21.0	-	74	0	19.4	-

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: 44,977

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	15,887	35	22.6	81	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	28,116	63	22.0	77	1,178,400	71	20.5	67
Less than 4 years of English	790	2	19.3	61	64,748	4	16.5	41
Zero years / no English courses reported	184	0	18.5	57	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,068	7	25.4	80	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,002	11	22.9	66	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	2,458	5	20.9	47	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	7,520	17	21.3	51	279,658	17	19.9	36
Other comb of 4 or more years of Math	19,163	43	25.2	79	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	4,868	11	18.7	23	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,766	4	21.5	51	82,509	5	19.9	35
Less than 3 years of Math	929	2	18.1	18	69,741	4	16.6	8
Zero years / no Math courses reported	203	0	20.0	36	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	488	1	23.9	69	47,179	3	22.3	59
Other comb of 4 or more years Social Science	33,644	75	22.9	65	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	487	1	22.2	57	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	8,518	19	23.1	64	452,172	27	21.2	51
Less than 3 years of Social Science	1,653	4	22.2	56	149,266	9	19.7	40
Zero years / no Social Science courses reported	187	0	20.6	49	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	26,674	59	23.6	50	740,499	44	21.9	39
Bio, Chem, Phys	1,340	3	24.3	55	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	12,137	27	21.7	32	466,992	28	20.0	22
Other comb of 3 years of Natural Science	1,230	3	21.8	35	45,992	3	19.5	20
Less than 3 years of Natural Science	3,401	8	20.0	18	194,661	12	18.4	13
Zero years / no Natural Science courses reported	195	0	20.4	22	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: 44,977

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	931	2	21.3	78	6	18.7	809	2	21.5
Architecture	524	1	22.5	18	1	19.4	482	1	22.7
Area, Ethnic, & Multidisciplinary Studies	55	0	23.4	1	0	20.0	50	0	23.8
Arts: Visual & Performing	2,533	6	22.3	96	7	18.8	2,245	6	22.6
Business	4,467	10	22.2	123	9	18.4	4,087	10	22.3
Communications	934	2	22.7	16	1	16.8	863	2	22.8
Community, Family, & Personal Services	1,002	2	19.9	77	6	17.8	845	2	20.2
Computer Science & Mathematics	1,125	3	24.1	41	3	20.1	1,007	2	24.4
Education	2,706	6	21.9	36	3	17.8	2,558	6	22.0
Engineering	3,241	7	25.2	32	2	18.6	3,022	7	25.4
Engineering Technology & Drafting	552	1	22.3	42	3	19.4	472	1	22.7
English & Foreign Languages	705	2	25.1	12	1	19.5	643	2	25.3
Health Administration & Assisting	1,087	2	19.6	75	5	17.3	924	2	20.0
Health Sciences & Technologies	7,417	16	22.7	180	13	19.0	6,910	17	22.9
Philosophy, Religion, & Theology	260	1	23.2	8	1	20.0	229	1	23.4
Repair, Production, & Construction	382	1	19.4	171	12	18.4	186	0	20.4
Sciences: Biological & Physical	3,255	7	25.1	16	1	19.0	3,064	8	25.1
Social Sciences & Law	3,350	7	22.6	53	4	18.0	3,098	8	22.8
Undecided	10,183	23	22.9	287	21	18.2	8,788	22	23.2
No Response	265	1	20.4	14	1	19.7	96	0	21.1

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

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

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

Total Students in Report: 44,977

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	324	18.7	20	14.8	1	23.0	252	19.1	14	17.4
2-yr College Degree	1,052	18.4	36	15.8	10	17.6	822	18.9	55	16.8
Bachelors Degree	25,942	22.0	929	17.0	127	19.1	21,210	22.5	970	19.6
Graduate Study	6,568	25.2	209	19.6	25	24.8	5,350	25.6	221	23.1
Prof. Level Degree	7,871	25.1	554	19.7	33	22.9	5,643	25.8	322	22.8
Other	424	20.0	37	15.0	4	18.3	273	21.0	28	18.3
No Response	2,796	21.9	262	16.5	11	17.6	1,609	23.8	147	18.7

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	324	18.7	14	17.6	0	.	7	17.9	16	18.3
2-yr College Degree	1,052	18.4	63	15.1	3	14.0	30	17.8	33	18.5
Bachelors Degree	25,942	22.0	1,166	19.4	26	19.2	796	21.1	718	22.3
Graduate Study	6,568	25.2	279	23.3	4	25.5	202	24.5	278	25.6
Prof. Level Degree	7,871	25.1	625	24.2	7	20.7	313	24.3	374	25.9
Other	424	20.0	35	18.1	2	17.5	14	20.6	31	20.8
No Response	2,796	21.9	446	18.6	3	17.7	97	21.6	221	23.4

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

Total Students in Report: 44,977

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 MINNESOTA-TWIN CITIES	Minnesota	9,436	3,918	5,518	1	4	13	29	31	19	3
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	6,326	1,992	4,334	0	3	17	38	29	12	1
MINNESOTA STATE UNIVERSITY MANKATO	Minnesota	4,664	1,495	3,169	1	6	27	41	20	5	0
SAINT CLOUD STATE UNIVERSITY	Minnesota	3,677	1,044	2,633	1	6	27	40	20	5	0
WINONA STATE UNIVERSITY	Minnesota	3,180	969	2,211	1	5	24	41	23	6	0
NORTH DAKOTA STATE UNIVERSITY	North Dakota	3,032	902	2,130	0	3	19	37	29	11	1
UNIV OF WISCONSIN-MADISON	Wisconsin	2,504	619	1,885	0	1	6	18	39	31	5
UNIVERSITY OF NORTH DAKOTA	North Dakota	2,258	751	1,507	0	3	19	37	28	12	1
UNIVERSITY OF SAINT THOMAS-MN	Minnesota	2,150	523	1,627	0	3	12	31	34	18	2
BEMIDJI STATE UNIVERSITY	Minnesota	2,115	689	1,426	1	5	29	40	20	5	0
MINNESOTA STATE UNIVERSITY MOORHEAD	Minnesota	1,513	389	1,124	1	5	26	39	23	7	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	1,289	281	1,008	0	2	14	38	33	12	1
IOWA STATE UNIVERSITY	Iowa	1,225	301	924	0	2	8	28	36	24	3
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,182	285	897	1	5	26	40	23	6	0
GUSTAVUS ADOLPHUS COLLEGE	Minnesota	1,150	262	888	0	2	9	26	36	25	3
BETHEL UNIVERSITY	Minnesota	1,069	391	678	0	3	15	31	32	18	1
SOUTH DAKOTA STATE UNIVERSITY	South Dakota	1,056	353	703	0	4	22	41	25	8	1
UNIVERSITY OF MINNESOTA-MORRIS	Minnesota	1,004	263	741	1	4	17	30	30	17	1
AUGSBURG COLLEGE	Minnesota	1,002	258	744	4	13	30	28	18	7	0
HAMLIN UNIVERSITY	Minnesota	996	214	782	1	8	20	29	29	11	2
CONCORDIA COLLEGE-MOORHEAD	Minnesota	981	312	669	0	2	12	30	35	19	2
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	916	189	727	0	1	13	36	38	12	0
COLLEGE OF SAINT SCHOLASTICA	Minnesota	826	251	575	0	3	15	36	30	15	1
SAINT OLAF COLLEGE	Minnesota	819	214	605	1	3	10	19	31	31	5
NORTHWESTERN COLLEGE	Minnesota	805	294	511	0	3	16	31	32	16	1
COLLEGE OF ST BENEDICT/ST JOHN'S UNIV	Minnesota	786	291	495	0	1	8	28	38	23	2
UNIV OF WISCONSIN-STOUT	Wisconsin	767	199	568	0	4	25	43	22	6	0
SOUTHWEST MINNESOTA STATE UNIVERSITY	Minnesota	711	233	478	1	5	26	41	21	6	0
COLLEGE POSSIBLE-TWIN CITIES	Minnesota	680	640	40	4	22	40	24	8	1	0
ST CATHERINE UNIVERSITY	Minnesota	647	140	507	2	10	28	32	19	8	1
All Other Institutions		30,165	8,164	22,001	1	5	19	28	26	18	4
Total		88,931	26,826	62,105	1	5	19	32	27	15	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: 44,977

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	30,356	931,148	22.7	21.5	7.2	7.1	21.7	20.7
Black/African American	1,581	113,247	16.7	16.6	6.4	6.2	16.6	16.4
American Indian/Alaska Native	154	5,233	18.7	17.8	6.4	6.5	18.1	17.5
White	22,816	518,974	23.6	23.2	7.3	7.2	22.4	22.1
Hispanic/Latino	1,280	150,249	19.5	18.5	6.9	6.8	19.2	18.3
Asian	2,249	53,381	19.3	23.7	7.0	7.6	19.1	22.8
Native Hawaiian/Other Pac. Isl.	29	2,851	19.3	19.9	6.9	7.1	19.0	19.6
Two or more races	1,060	32,346	22.1	21.9	7.1	7.1	21.2	21.1
Prefer not/No Response	1,187	54,867	23.9	21.8	7.3	7.1	22.7	21.0
Males	13,789	413,617	22.4	21.2	6.9	6.8	21.2	20.3
Females	16,558	515,745	22.9	21.7	7.4	7.2	22.1	21.1
Missing	9	1,786	18.3	16.8	6.7	6.3	18.1	16.6

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

