

ACT Profile Report - State

Graduating Class 2011
Minnesota



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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

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: 44,952 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. 86% 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 3% of the cohort took less than three years of math courses. Of these students, 19% were college ready. 11% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 25% 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. 19% of these students were college ready. In comparison, 46% 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 27% 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.

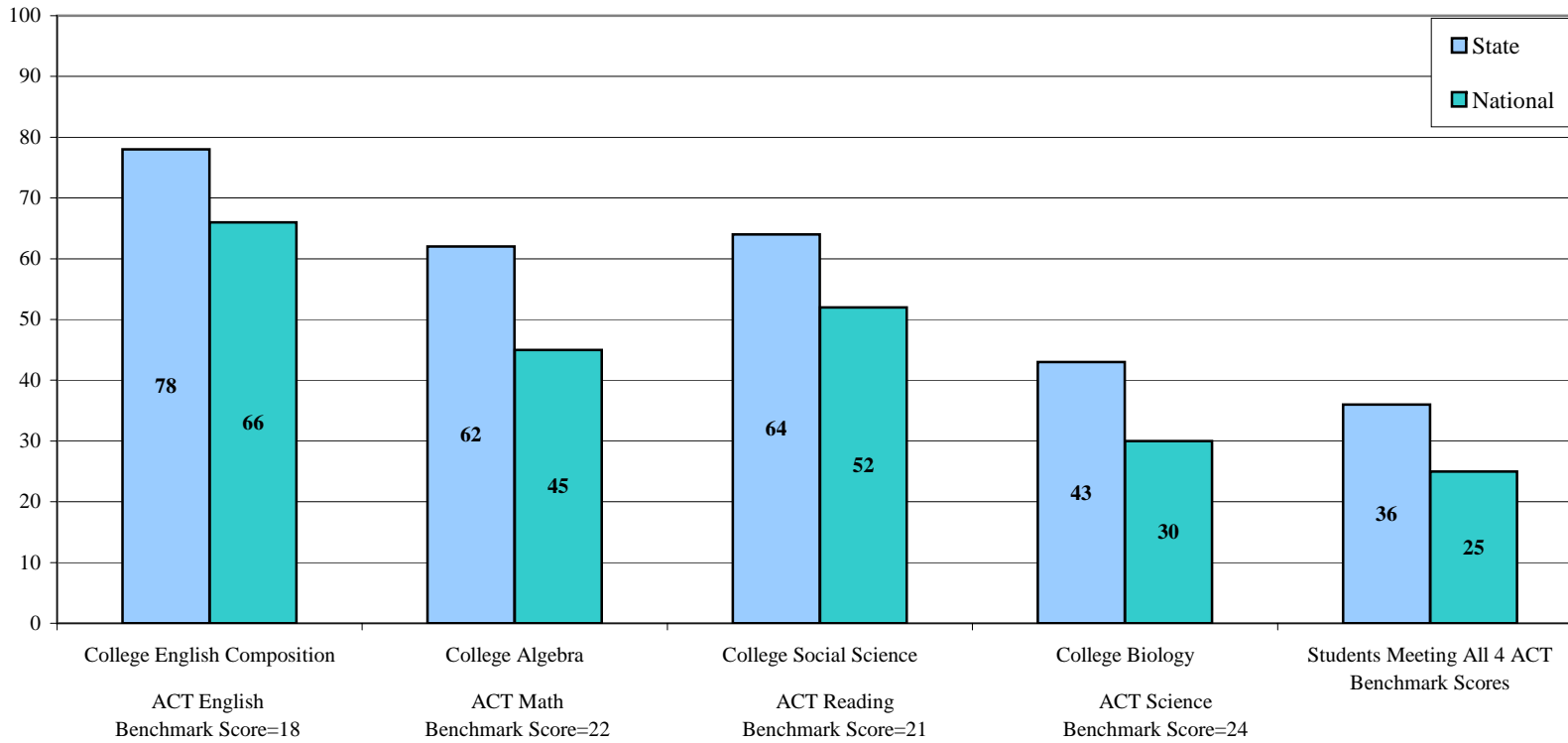
Section I

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: 44,952

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: 44,952

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	43,534	1,300,599	78	69	56	43	62	53	38	28	31	23
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

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	43,534	1,300,599	21.8	20.7	22.5	21.0	22.8	21.5	22.5	21.0	22.5	21.2
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

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: 44,952

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	23,486	13,094	54	30	22.6	20.4	23.3	21.1	23.5	21.6	23.1	21.4	23.3	21.3
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

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.

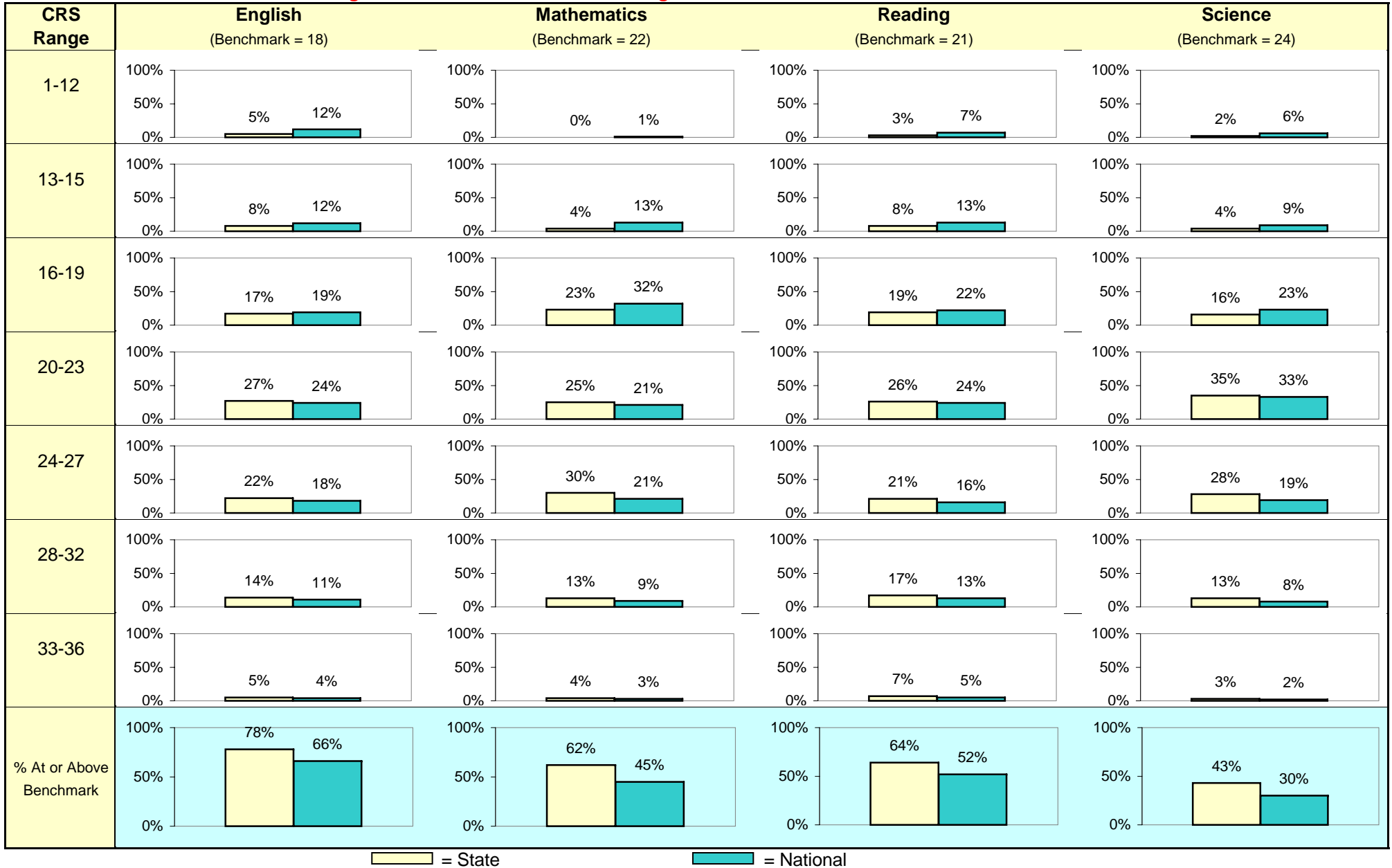
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	43,534	100	22.5	44,863	100	22.6	43,642	100	22.7	44,323	100	22.9	44,952	100	22.9
Black/African American	1,324	3	17.4	1,629	4	17.6	1,786	4	17.8	1,995	5	17.7	2,095	5	17.9
American Indian/Alaska Native	290	1	19.7	239	1	20.6	275	1	20.2	307	1	20.5	232	1	20.2
White	32,692	75	22.9	35,010	78	23.0	35,563	81	23.2	36,213	82	23.5	36,070	80	23.5
Hispanic/Latino	681	2	20.5	812	2	20.3	871	2	20.4	976	2	20.0	1,389	3	20.1
Asian	1,939	4	20.4	2,133	5	20.4	2,265	5	20.4	2,375	5	20.8	2,641	6	20.6
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	20	0	21.2
Two or more races	587	1	22.1	712	2	22.0	784	2	21.9	943	2	22.2	1,033	2	21.9
Prefer not to respond/No response	6,021	14	22.9	4,328	10	23.5	2,098	5	23.2	1,514	3	22.6	1,472	3	23.2

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

Total Students in Report: 44,952

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: 44,952

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	175	100	230	100	382	100	207	100	28	100	36
35	729	100	354	99	454	99	272	100	177	100	35
34	698	98	735	99	934	98	198	99	319	100	34
33	835	96	628	97	1,212	96	607	98	572	99	33
32	951	95	811	96	1,236	93	654	97	756	98	32
31	1,168	92	747	94	1,385	91	404	96	1,060	96	31
30	1,008	90	937	92	2,014	88	1,027	95	1,449	94	30
29	1,441	88	1,391	90	1,384	83	1,234	93	1,687	90	29
28	1,634	84	2,054	87	1,684	80	2,484	90	2,032	87	28
27	1,997	81	2,700	82	1,815	76	1,841	84	2,391	82	27
26	2,114	76	3,354	76	1,981	72	2,740	80	2,758	77	26
25	2,448	72	3,564	69	2,122	68	3,325	74	3,121	71	25
24	3,467	66	3,891	61	3,344	63	4,486	67	3,408	64	24
23	2,474	58	3,726	52	2,527	56	4,641	57	3,599	56	23
22	3,474	53	2,741	44	3,068	50	3,144	46	3,768	48	22
21	3,552	45	2,104	38	3,369	43	4,335	39	3,564	40	21
20	2,813	37	2,463	33	2,644	36	3,753	30	3,080	32	20
19	2,326	31	2,365	28	2,797	30	2,585	21	2,767	25	19
18	1,873	26	2,581	23	2,317	24	2,144	16	2,421	19	18
17	1,767	22	2,743	17	1,927	18	1,299	11	1,883	13	17
16	1,855	18	2,815	11	1,608	14	1,010	8	1,470	9	16
15	1,797	14	1,437	4	1,244	11	776	6	1,047	6	15
14	1,190	10	381	1	1,564	8	601	4	729	4	14
13	758	7	151	1	689	4	441	3	506	2	13
12	632	5	30	1	636	3	318	2	228	1	12
11	650	4	11	1	374	1	188	1	89	1	11
10	463	3	5	1	129	1	166	1	35	1	10
9	322	1	2	1	53	1	42	1	5	1	9
8	211	1	0	1	33	1	17	1	3	1	8
7	88	1	0	1	16	1	4	1	0	1	7
6	27	1	1	1	5	1	6	1	0	1	6
5	12	1	0	1	3	1	1	1	0	1	5
4	1	1	0	1	2	1	1	1	0	1	4
3	2	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	22.3 (6.0)		23.0 (5.0)		22.9 (5.9)		22.8 (4.6)		22.9 (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: 44,952

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	1,701	100	1,068	100	1,642	100	1,476	100	2,388	100	738	100	1,034	100	18
17	2,591	96	126	98	2,213	96	3,584	97	2,293	95	688	98	108	98	17
16	2,318	90	4,022	97	3,994	91	3,447	89	2,811	90	1,588	97	1,932	97	16
15	3,158	85	4,128	88	3,026	83	3,661	81	3,751	83	2,195	93	4,000	93	15
14	2,645	78	3,991	79	3,265	76	2,964	73	4,920	75	4,967	88	5,668	84	14
13	3,475	72	4,229	70	4,447	69	3,859	66	5,330	64	6,995	77	5,941	72	13
12	3,341	65	5,864	61	5,553	59	4,059	58	3,740	52	5,255	62	5,473	58	12
11	5,327	57	5,443	48	4,529	46	4,735	49	5,464	44	6,779	50	6,297	46	11
10	5,686	45	4,632	36	4,608	36	3,753	38	4,006	32	6,084	35	5,163	32	10
9	3,831	33	4,163	25	3,889	26	3,635	30	2,721	23	4,835	21	4,407	21	9
8	3,097	24	2,775	16	2,937	17	2,932	22	3,715	17	2,632	11	2,235	11	8
7	2,631	17	1,783	10	2,680	11	2,207	15	2,654	8	969	5	1,323	6	7
6	2,140	11	1,024	6	1,080	5	2,513	10	762	3	460	3	694	3	6
5	1,385	7	793	4	658	2	1,284	5	231	1	403	2	215	2	5
4	831	4	615	2	277	1	563	2	106	1	155	1	296	1	4
3	562	2	247	1	101	1	224	1	45	1	122	1	59	1	3
2	211	1	44	1	39	1	53	1	12	1	39	1	84	1	2
1	22	1	5	1	14	1	3	1	3	1	48	1	23	1	1
Avg (SD)	11.1 (3.7)		11.6 (3.1)		11.8 (3.3)		11.7 (3.7)		12.1 (3.2)		11.6 (2.6)		11.7 (2.7)		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	26	26
Q2 (50th Percentile)	22	23	22	23	23
Q1 (25th Percentile)	18	19	19	20	20

Total Students in Report: 44,952

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	44,952	86	23.3	20.8
	Black/African American	2,095	82	18.3	16.3
	American Indian/Alaska Native	232	78	20.7	18.3
	White	36,070	86	23.9	21.3
	Hispanic/Latino	1,389	81	20.6	18.3
	Asian	2,641	85	20.9	18.7
	Native Hawaiian/Other Pac. Isl.	20	95	21.4	17.0
	Two or more races	1,033	84	22.2	20.2
	Prefer not/No Response	1,472	84	23.5	21.9
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	22.3	23.0	22.9	22.8	22.9
	Black/African American	16.6	18.4	17.9	18.3	17.9
	American Indian/Alaska Native	18.8	20.1	20.8	20.5	20.2
	White	23.0	23.6	23.6	23.4	23.5
	Hispanic/Latino	19.0	20.3	20.4	20.3	20.1
	Asian	18.9	21.9	19.9	20.9	20.6
	Native Hawaiian/Other Pac. Isl.	20.1	22.0	20.8	21.4	21.2
	Two or more races	21.1	21.7	22.3	21.8	21.9
	Prefer not/No Response	22.9	23.2	23.4	22.9	23.2
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: 44,952

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	2,437	5	1,947	4	2,982	7	1,284	3
	28 to 32	6,202	14	5,940	13	7,703	17	5,803	13
	24 to 27	10,026	22	13,509	30	9,262	21	12,392	28
	20 to 23	12,313	27	11,034	25	11,608	26	15,873	35
	16 to 19	7,821	17	10,504	23	8,649	19	7,038	16
	13 to 15	3,745	8	1,969	4	3,497	8	1,818	4
	01 to 12	2,408	5	49	0	1,251	3	744	2
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	21,010	47	21.9	23.8	22.7	23.5	23.1
	Females	23,934	53	22.6	22.4	23.1	22.3	22.7
	Missing	8	0	22.9	22.8	23.0	22.8	22.9
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	77	67	63	49	40
	Females	80	57	66	38	33
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 44,952

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	38,468	81	22.7	66	23.5	67	23.3	46	23.2	39	23.3
	Less than Core	6,115	64	19.9	41	20.7	51	21.1	27	20.9	20	20.8
	Missing ³	369	49	17.8	35	19.5	35	19.2	19	19.2	14	19.0
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	43,811	79	22.3	43,469	63	23.2	42,952	65	23.0	41,118	46	23.1
	Less than Core	833	66	19.7	1,136	19	18.3	1,680	59	22.5	3,510	19	20.1
	Missing ³	308	49	17.9	347	34	19.4	320	36	19.3	324	20	19.4
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.

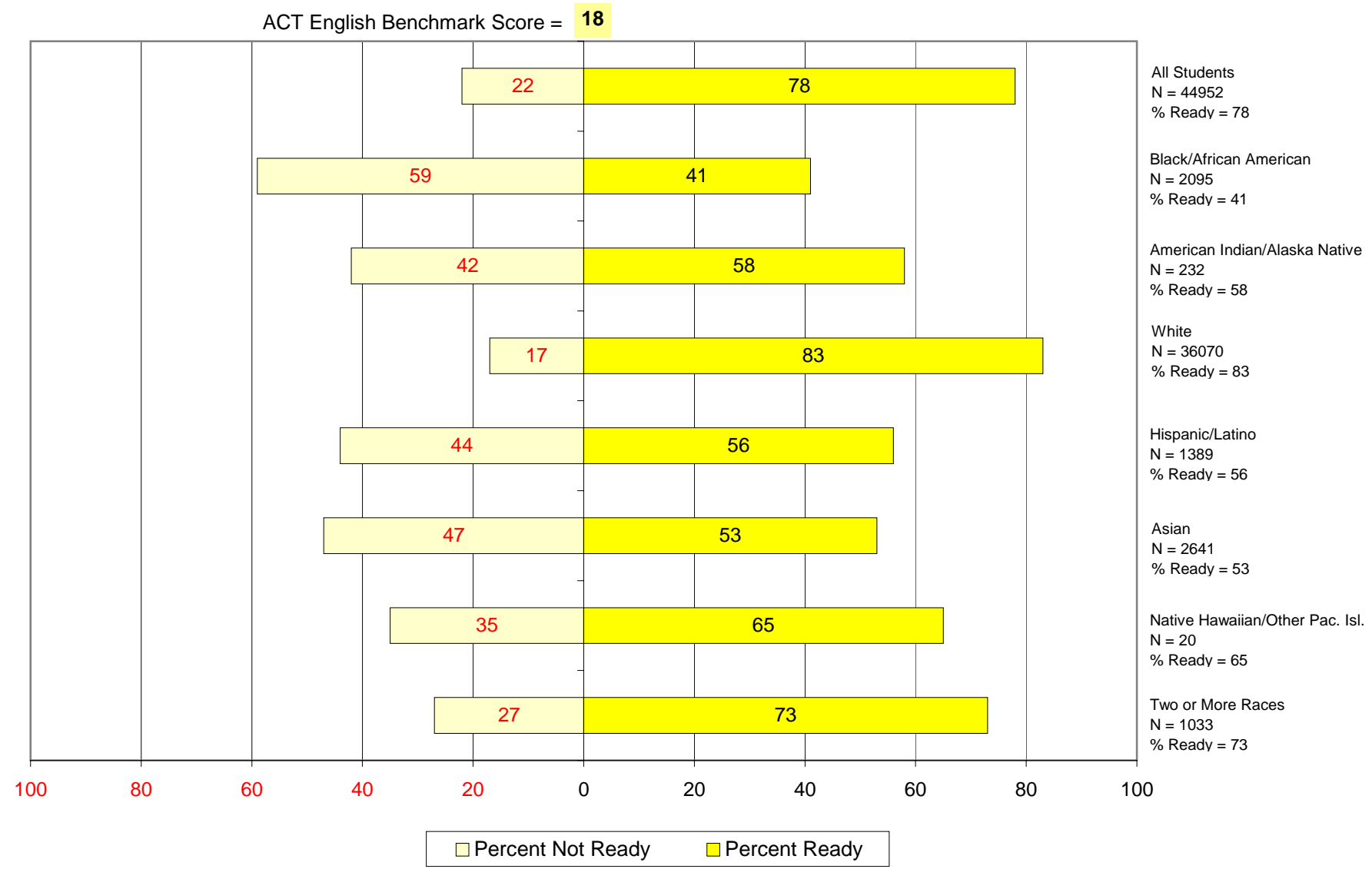
Section III

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.

Total Students in Report: 44,952

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

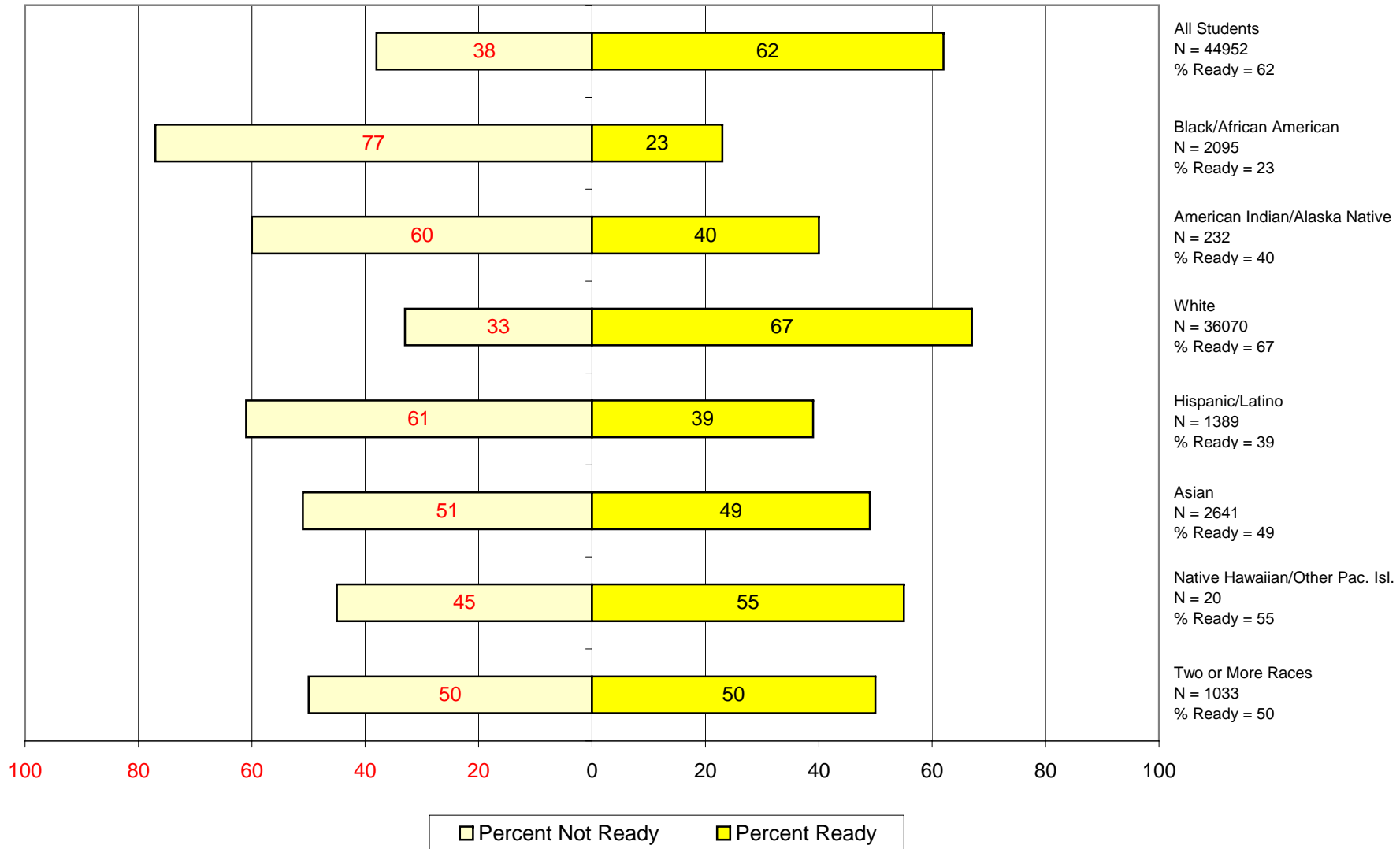


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 44,952

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

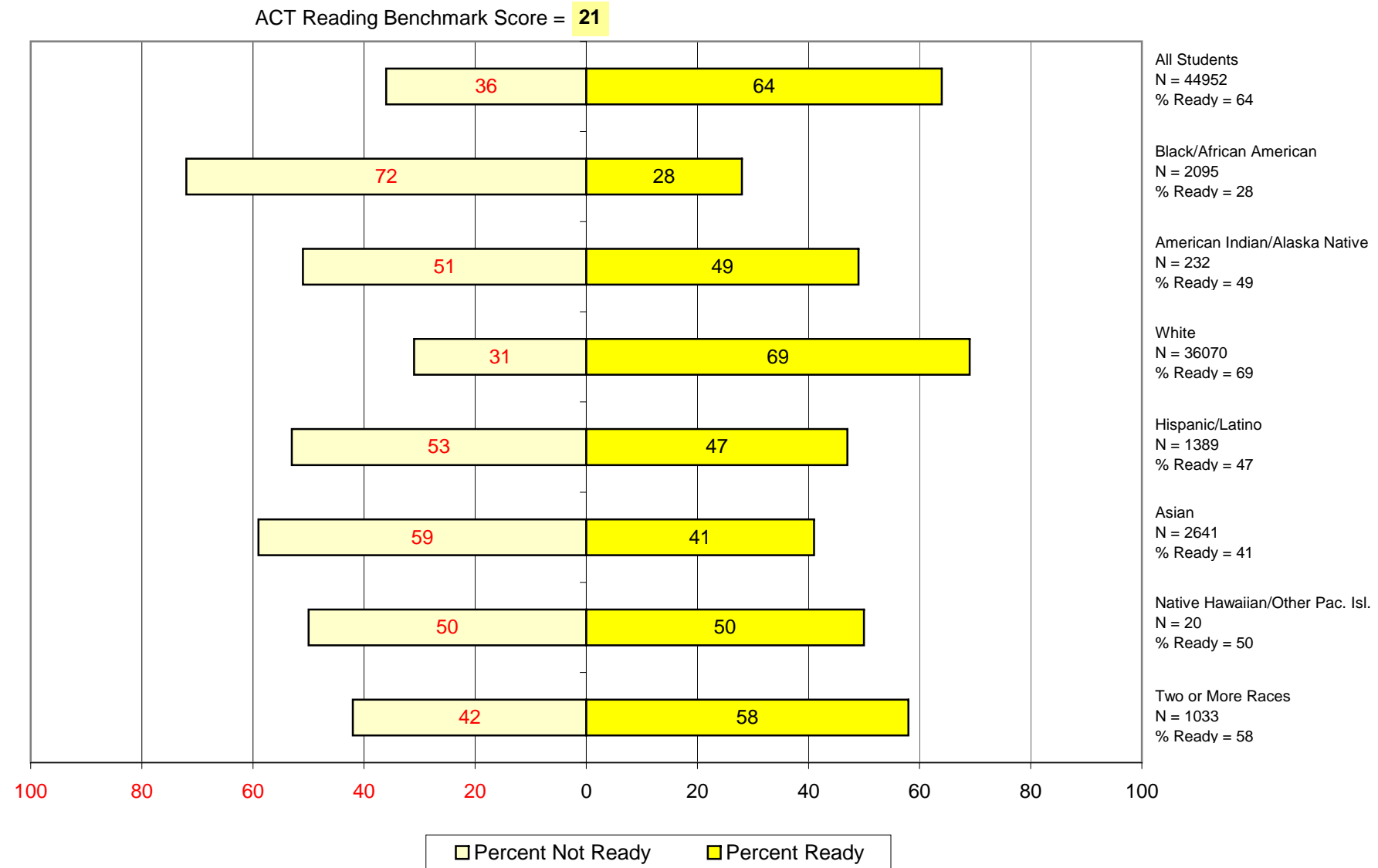
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 44,952

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

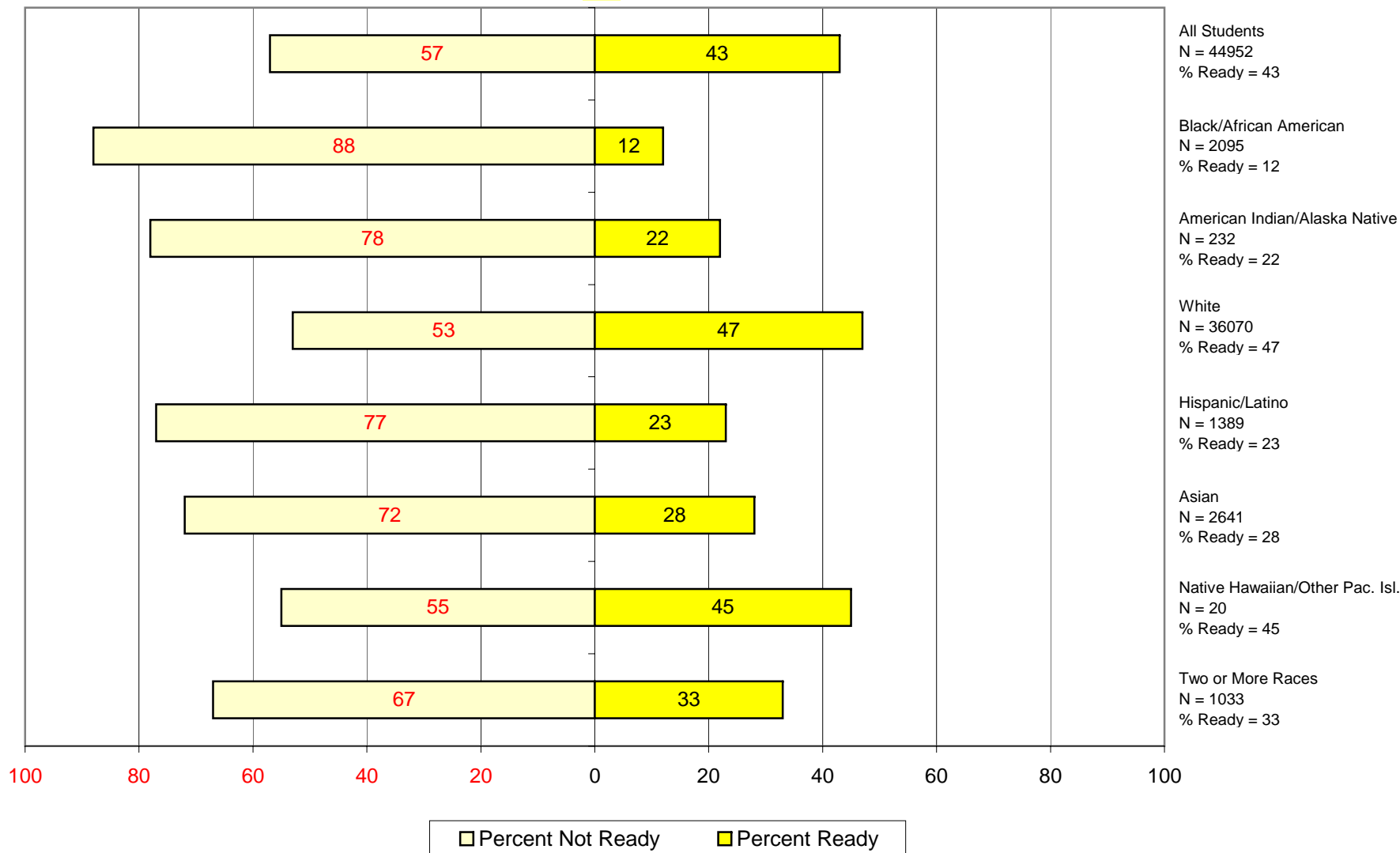


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 44,952

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

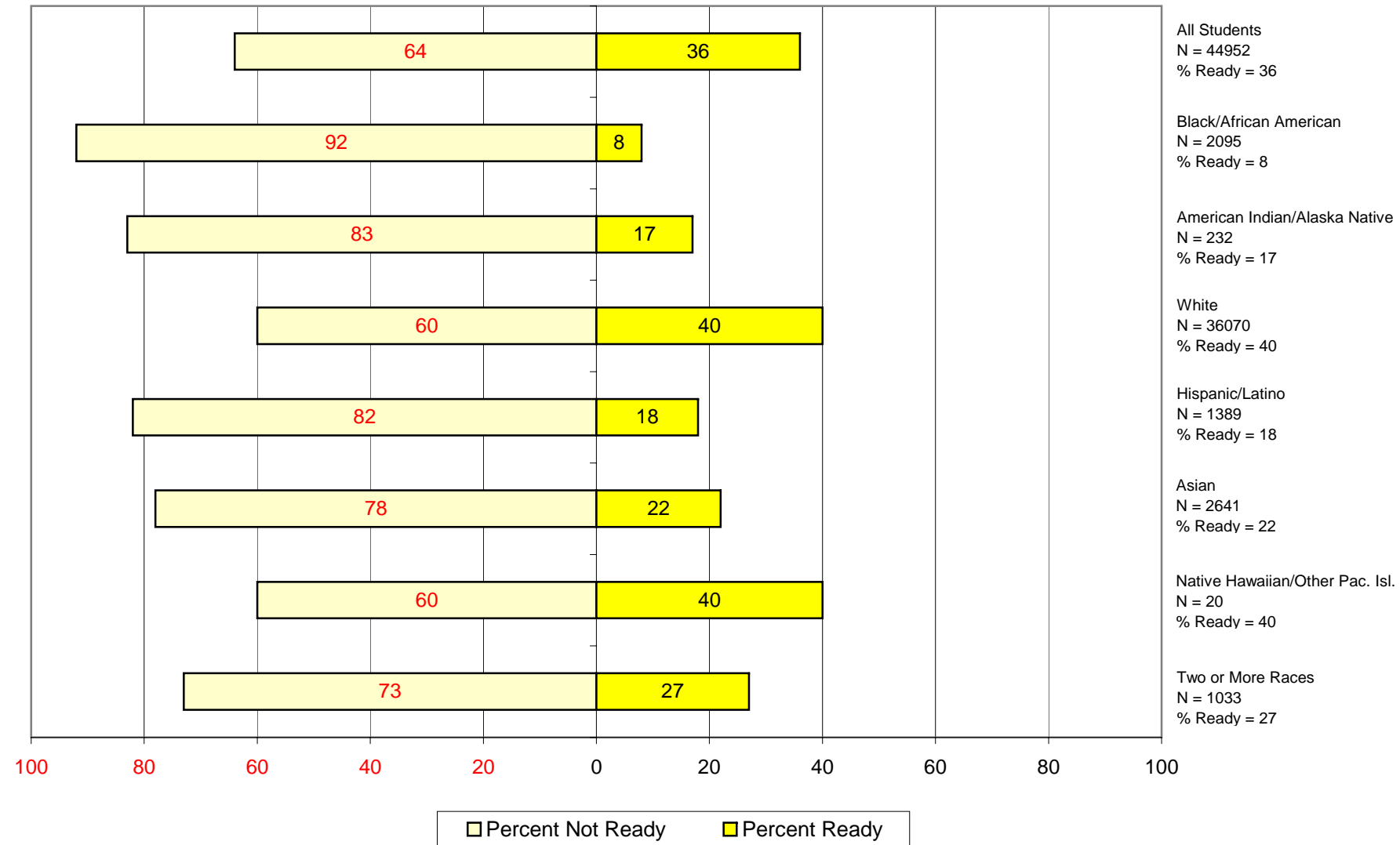
ACT Science Benchmark Score = **24**



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

Total Students in Report: 44,952

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: 44,952

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	16,058	36	22.8	3.1	6,807	32	22.2	3.0	9,250	39	23.2	3.0
Eng 9, Eng 10, Eng 11, Eng 12	27,753	62	22.1	2.4	13,657	65	21.9	2.7	14,091	59	22.3	2.1
Less than 4 years of English	833	2	19.7	-	387	2	19.2	-	445	2	20.2	-
Zero years / no English courses reported	308	1	17.9	-	159	1	17.6	-	148	1	18.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,971	7	25.2	6.9	1,414	7	25.9	7.3	1,557	7	24.6	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,165	11	22.9	4.6	2,103	10	23.5	4.9	3,062	13	22.5	4.5
Alg 1, Alg 2, Geom, & Trig	2,560	6	20.9	2.6	1,165	6	21.6	3.0	1,395	6	20.4	2.4
Alg 1, Alg 2, Geom, & Other Adv Math	7,570	17	21.4	3.1	3,143	15	21.8	3.2	4,424	18	21.1	3.1
Other comb of 4 or more years of Math	18,504	41	25.3	7.0	9,560	46	25.9	7.3	8,942	37	24.6	6.6
Alg 1, Alg 2, & Geom	4,946	11	19.0	0.7	2,113	10	19.5	0.9	2,832	12	18.6	0.6
Other comb of 3 or 3.5 years of Math	1,753	4	21.7	3.4	826	4	22.1	3.5	927	4	21.3	3.3
Less than 3 years of Math	1,136	3	18.3	-	510	2	18.6	-	626	3	18.0	-
Zero years / no Math courses reported	347	1	19.4	-	176	1	19.6	-	169	1	19.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	498	1	23.3	0.8	286	1	22.9	0.7	212	1	23.8	1.1
Other comb of 4 or more years Social Science	33,547	75	23.0	0.5	15,364	73	22.8	0.6	18,180	76	23.1	0.4
US Hist, World Hist, & Am Gov	546	1	22.6	0.1	300	1	22.0	-0.2	245	1	23.4	0.7
Other comb of 3 or 3.5 years of Social Science	8,361	19	23.0	0.5	4,024	19	22.7	0.5	4,337	18	23.3	0.6
Less than 3 years of Social Science	1,680	4	22.5	-	870	4	22.2	-	808	3	22.7	-
Zero years / no Social Science courses reported	320	1	19.3	-	166	1	19.1	-	152	1	19.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	25,930	58	23.7	3.6	13,073	62	24.4	4.0	12,854	54	23.1	3.2
Bio, Chem, Phys	1,404	3	24.3	4.2	667	3	25.1	4.7	737	3	23.6	3.7
Gen Sci ² , Bio, Chem	12,563	28	21.8	1.7	4,787	23	22.1	1.7	7,775	32	21.6	1.7
Other comb of 3 years of Natural Science	1,221	3	21.9	1.8	733	3	22.6	2.2	488	2	20.9	1.0
Less than 3 years of Natural Science	3,510	8	20.1	-	1,585	8	20.4	-	1,923	8	19.9	-
Zero years / no Natural Science courses reported	324	1	19.4	-	165	1	19.7	-	157	1	19.0	-

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: 44,952

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	16,058	36	22.8	81	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	27,753	62	22.1	77	1,143,409	70	20.6	66
Less than 4 years of English	833	2	19.7	66	66,225	4	16.6	40
Zero years / no English courses reported	308	1	17.9	49	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,971	7	25.2	80	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,165	11	22.9	67	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	2,560	6	20.9	46	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	7,570	17	21.4	50	271,304	17	19.9	36
Other comb of 4 or more years of Math	18,504	41	25.3	79	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	4,946	11	19.0	25	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	1,753	4	21.7	51	78,953	5	19.9	35
Less than 3 years of Math	1,136	3	18.3	19	79,145	5	16.4	8
Zero years / no Math courses reported	347	1	19.4	34	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	498	1	23.3	65	47,284	3	22.5	59
Other comb of 4 or more years Social Science	33,547	75	23.0	65	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	546	1	22.6	61	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	8,361	19	23.0	64	445,631	27	21.1	51
Less than 3 years of Social Science	1,680	4	22.5	59	149,746	9	19.7	40
Zero years / no Social Science courses reported	320	1	19.3	36	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	25,930	58	23.7	52	686,167	42	22.1	39
Bio, Chem, Phys	1,404	3	24.3	57	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	12,563	28	21.8	32	476,294	29	20.1	21
Other comb of 3 years of Natural Science	1,221	3	21.9	35	45,296	3	19.6	20
Less than 3 years of Natural Science	3,510	8	20.1	19	205,148	13	18.3	12
Zero years / no Natural Science courses reported	324	1	19.4	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: 44,952

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	783	2	20.7	95	6	18.6	650	2	21.0
Architecture	412	1	23.1	10	1	17.0	372	1	23.5
Area, Ethnic, & Multidisciplinary Studies	120	0	24.5	2	0	19.0	110	0	24.7
Arts: Visual & Performing	2,648	6	22.3	128	8	19.1	2,310	6	22.7
Business	4,815	11	22.3	152	10	18.1	4,389	11	22.5
Communications	805	2	23.2	21	1	19.0	755	2	23.3
Community, Family, & Personal Services	1,311	3	20.4	110	7	18.3	1,120	3	20.7
Computer Science & Mathematics	1,238	3	24.1	60	4	19.3	1,093	3	24.4
Education	2,972	7	22.0	39	2	18.0	2,808	7	22.1
Engineering	2,196	5	25.2	43	3	17.7	2,043	5	25.4
Engineering Technology & Drafting	1,510	3	24.1	61	4	18.4	1,371	3	24.4
English & Foreign Languages	615	1	25.1	13	1	19.7	569	1	25.3
Health Administration & Assisting	662	1	19.9	63	4	18.5	550	1	20.2
Health Sciences & Technologies	7,422	17	22.5	206	13	19.1	6,834	17	22.8
Philosophy, Religion, & Theology	259	1	23.4	8	1	17.3	228	1	23.6
Repair, Production, & Construction	417	1	19.8	176	11	18.7	215	1	20.9
Sciences: Biological & Physical	3,494	8	25.0	24	2	18.8	3,306	8	25.1
Social Sciences & Law	2,950	7	23.3	33	2	17.8	2,770	7	23.5
Undecided	9,851	22	23.1	344	22	18.8	8,485	21	23.4
No Response	472	1	19.6	11	1	16.3	118	0	21.0

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: 44,952

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	306	18.6	12	16.8	2	25.5	254	19.0	11	14.6
2-yr College Degree	1,293	18.6	46	14.8	10	16.0	1,054	19.1	54	16.6
Bachelors Degree	23,692	22.0	832	17.1	119	19.7	19,967	22.5	663	19.5
Graduate Study	6,804	25.1	202	19.8	28	22.1	5,731	25.6	160	22.8
Prof. Level Degree	9,600	24.9	653	19.6	57	21.6	7,131	25.7	335	22.2
Other	597	20.3	34	16.1	3	13.7	445	21.1	18	18.7
No Response	2,660	21.5	316	16.2	13	18.5	1,488	23.7	148	17.7

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	306	18.6	14	16.8	0	.	2	16.5	11	18.0
2-yr College Degree	1,293	18.6	74	16.1	1	22.0	30	17.8	24	19.0
Bachelors Degree	23,692	22.0	1,066	19.1	13	19.5	480	20.8	552	21.9
Graduate Study	6,804	25.1	324	22.5	1	28.0	143	23.7	215	25.3
Prof. Level Degree	9,600	24.9	716	23.7	4	26.8	282	23.6	422	25.2
Other	597	20.3	51	18.0	0	.	13	19.8	33	19.7
No Response	2,660	21.5	396	18.4	1	13.0	83	21.2	215	22.0

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

Total Students in Report: 44,952

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	10,436	4,331	6,105	1	5	14	27	30	19	3	
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	6,367	1,978	4,389	0	3	18	36	30	12	1	
MINNESOTA STATE UNIVERSITY MANKATO	Minnesota	4,652	1,535	3,117	1	6	26	39	21	6	0	
SAINT CLOUD STATE UNIVERSITY	Minnesota	3,917	1,178	2,739	1	6	27	41	19	6	0	
WINONA STATE UNIVERSITY	Minnesota	2,996	901	2,095	1	4	24	41	24	6	0	
NORTH DAKOTA STATE UNIVERSITY	North Dakota	2,851	849	2,002	0	3	18	36	29	12	1	
UNIV OF WISCONSIN-MADISON	Wisconsin	2,409	590	1,819	0	1	5	18	36	36	5	
UNIVERSITY OF SAINT THOMAS-MN	Minnesota	2,188	475	1,713	1	4	13	28	32	20	1	
BEMIDJI STATE UNIVERSITY	Minnesota	2,169	779	1,390	0	4	28	41	22	5	0	
UNIVERSITY OF NORTH DAKOTA	North Dakota	2,044	662	1,382	0	2	17	37	30	13	1	
MINNESOTA STATE UNIVERSITY MOORHEAD	Minnesota	1,444	384	1,060	0	5	25	38	24	7	0	
COLLEGE OF ST BENEDICT/ST JOHN'S UNIV	Minnesota	1,266	414	852	0	2	10	29	35	23	2	
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	1,226	256	970	0	1	13	41	31	13	1	
GUSTAVUS ADOLPHUS COLLEGE	Minnesota	1,219	283	936	0	2	8	27	35	25	2	
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,177	293	884	1	5	24	40	23	7	0	
IOWA STATE UNIVERSITY	Iowa	1,128	264	864	0	1	8	27	34	27	3	
BETHEL UNIVERSITY	Minnesota	1,078	345	733	1	3	13	32	30	19	2	
AUGSBURG COLLEGE	Minnesota	1,072	247	825	3	16	28	27	19	6	0	
HAMLIN UNIVERSITY	Minnesota	974	199	775	2	9	19	29	25	15	1	
CONCORDIA COLLEGE-MOORHEAD	Minnesota	956	294	662	0	2	13	29	36	19	1	
SAINT OLAF COLLEGE	Minnesota	948	242	706	1	4	9	17	29	34	5	
SOUTH DAKOTA STATE UNIVERSITY	South Dakota	928	335	593	0	3	19	36	31	10	1	
UNIVERSITY OF MINNESOTA-MORRIS	Minnesota	909	246	663	0	2	16	32	32	17	1	
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	847	156	691	0	2	13	40	34	11	1	
COLLEGE OF SAINT SCHOLASTICA	Minnesota	821	245	576	0	2	16	36	29	16	0	
NORTHWESTERN COLLEGE	Minnesota	790	289	501	1	3	17	30	31	18	1	
UNIV OF WISCONSIN-STOUT	Wisconsin	779	206	573	0	3	24	46	21	5	1	
ST CATHERINE UNIVERSITY	Minnesota	707	159	548	3	15	29	29	17	6	1	
SOUTHWEST MINNESOTA STATE UNIVERSITY	Minnesota	705	191	514	1	5	28	40	20	6	0	
ADMISSION POSSIBLE	Minnesota	679	602	77	5	28	39	21	5	1	0	
All Other Institutions		30,479	8,035	22,444	1	6	19	27	24	18	4	
Total		90,161	26,963	63,198	1	5	19	31	27	16	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: 44,952

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	30,780	905,035	22.8	21.5	7.2	7.1	21.8	20.8
Black/African American	1,587	112,251	16.8	16.7	6.4	6.3	16.7	16.5
American Indian/Alaska Native	168	5,519	19.2	18.4	6.6	6.5	18.6	18.0
White	23,871	522,234	23.7	23.2	7.3	7.3	22.6	22.2
Hispanic/Latino	1,014	128,599	19.4	18.4	7.0	6.8	19.1	18.2
Asian	2,259	51,829	19.1	23.8	7.0	7.6	18.9	22.9
Native Hawaiian/Other Pac. Isl.	10	1,332	21.9	19.7	7.4	7.2	21.3	19.5
Two or more races	773	27,722	21.5	21.6	7.0	7.0	20.7	20.8
Prefer not/No Response	1,098	55,549	23.5	21.3	7.2	7.0	22.3	20.5
Males	13,931	399,206	22.5	21.3	7.0	6.8	21.4	20.3
Females	16,844	503,699	23.0	21.8	7.4	7.3	22.1	21.1
Missing	5	2,130	21.0	17.6	7.2	6.2	20.4	17.1

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

