

ACT Profile Report - State

Graduating Class 2012
Utah



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

23% 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: 32,835 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. 66% 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 7% of the cohort took less than three years of math courses. Of these students, 5% were college ready. 19% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 10% of these students were college ready. In comparison, 53% 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 20% of the cohort took less than three years of natural science courses. 15% of these students were college ready. In comparison, 33% 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 51% 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 303-337-3273.

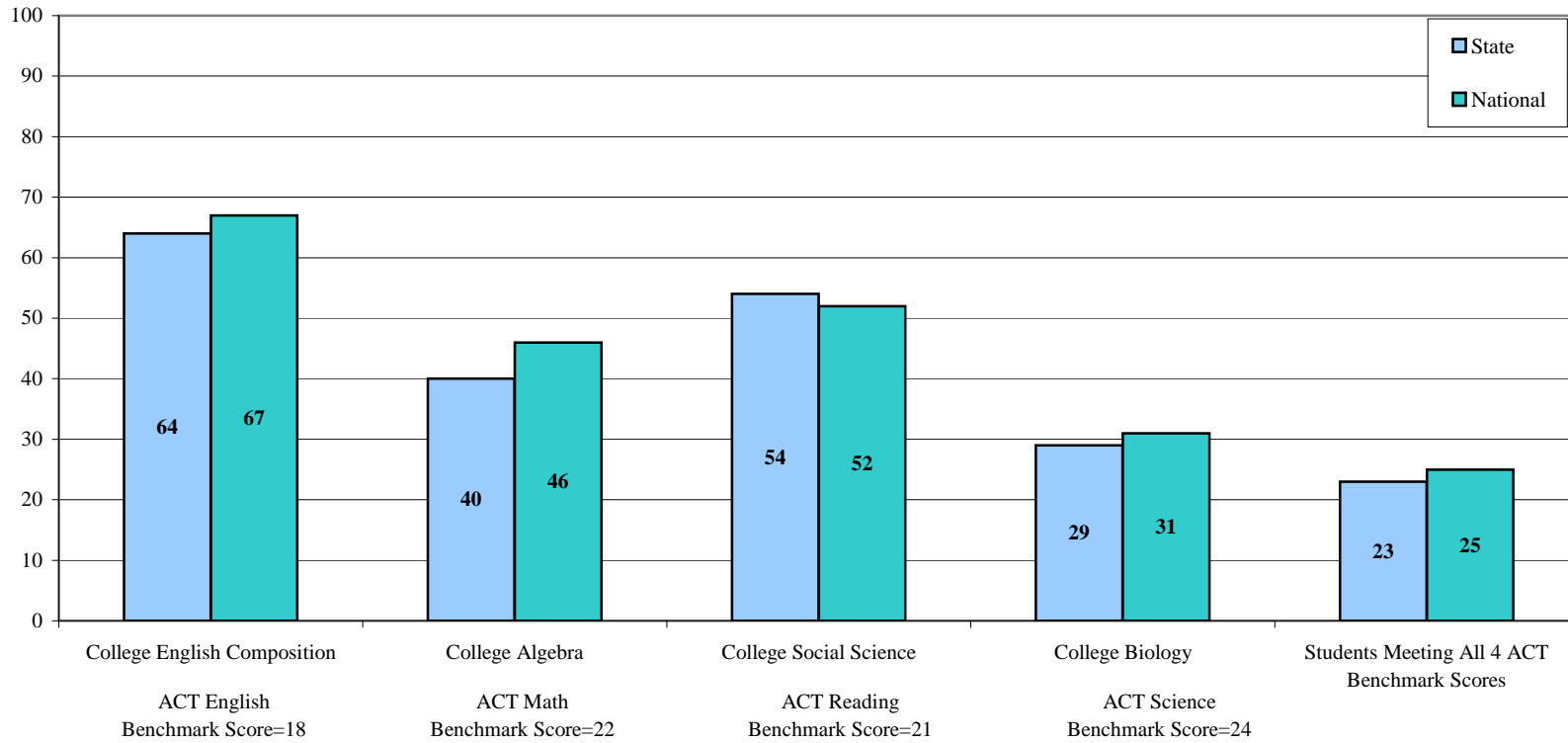
Section I

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: 32,835

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: 32,835

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	22,598	1,421,941	75	68	44	43	60	53	32	28	25	22
2009	23,229	1,480,469	73	67	44	42	62	53	32	28	25	23
2010	24,824	1,568,835	74	66	45	43	61	52	32	29	26	24
2011	25,161	1,623,112	73	66	47	45	60	52	33	30	27	25
2012	32,835	1,666,017	64	67	40	46	54	52	29	31	23	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	22,598	1,421,941	21.4	20.6	21.1	21.0	22.5	21.4	21.6	20.8	21.8	21.1
2009	23,229	1,480,469	21.4	20.6	21.1	21.0	22.6	21.4	21.6	20.9	21.8	21.1
2010	24,824	1,568,835	21.4	20.5	21.1	21.0	22.5	21.3	21.7	20.9	21.8	21.0
2011	25,161	1,623,112	21.4	20.6	21.2	21.1	22.3	21.3	21.7	20.9	21.8	21.1
2012	32,835	1,666,017	20.0	20.5	20.3	21.1	21.3	21.3	20.8	20.9	20.7	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: 32,835

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	13,612	7,579	60	34	22.1	20.2	21.8	20.0	23.1	21.5	22.2	20.6	22.4	20.7
2009	16,390	6,586	71	28	22.1	19.8	21.8	19.6	23.2	21.2	22.2	20.2	22.4	20.3
2010	17,794	6,768	72	27	22.2	19.4	21.8	19.3	23.2	20.9	22.3	20.1	22.5	20.0
2011	19,125	5,741	76	23	22.1	19.2	21.9	19.3	22.9	20.5	22.3	20.1	22.4	19.9
2012	21,543	9,948	66	30	21.5	17.5	21.5	18.3	22.5	19.2	21.9	18.9	22.0	18.6

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

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

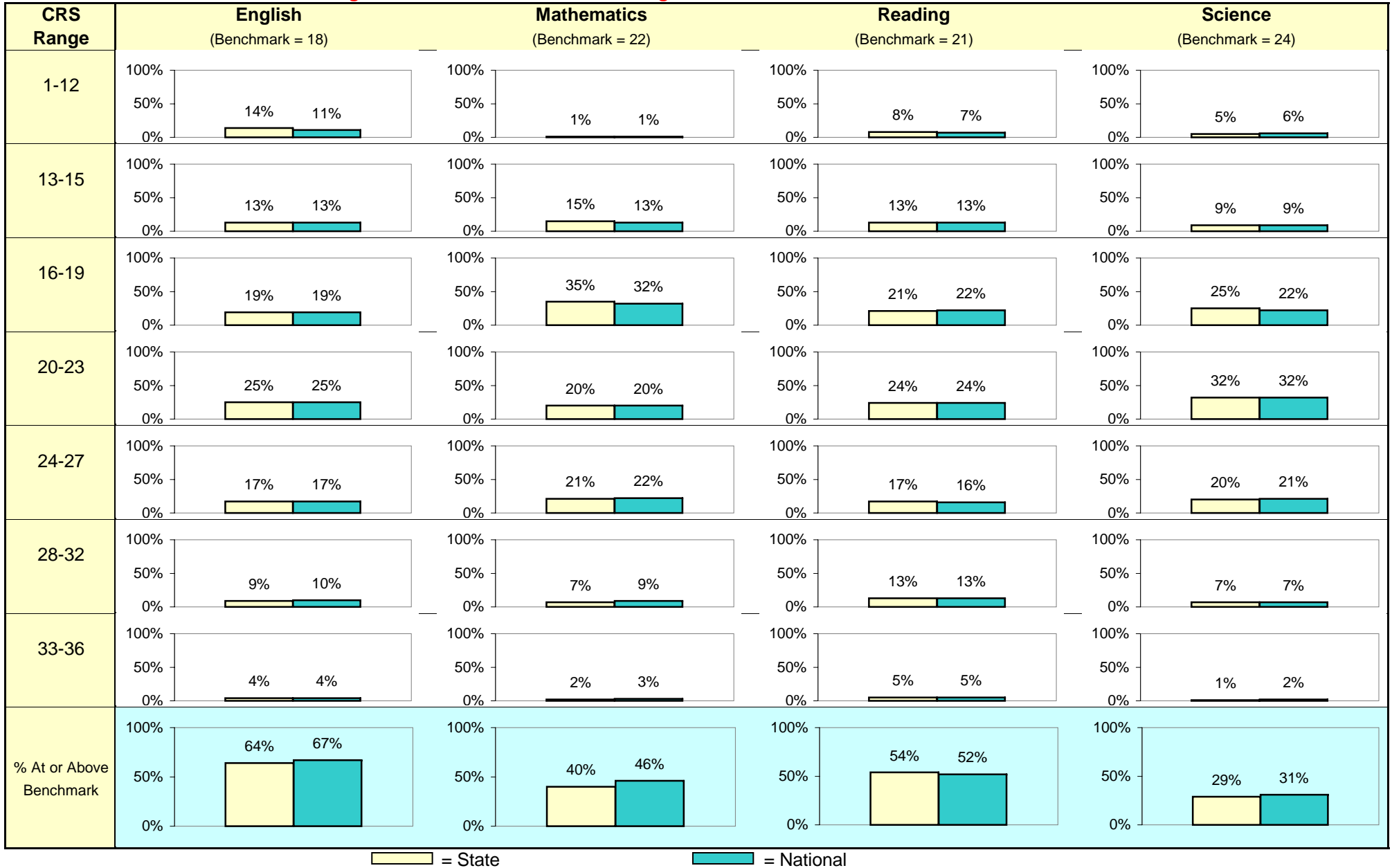
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	22,598	100	21.8	23,229	100	21.8	24,824	100	21.8	25,161	100	21.8	32,835	100	20.7
Black/African American	179	1	17.9	228	1	18.1	264	1	18.1	265	1	18.2	352	1	16.9
American Indian/Alaska Native	195	1	17.9	241	1	17.9	262	1	17.8	223	1	18.5	342	1	16.4
White	18,026	80	22.0	19,014	82	22.2	20,153	81	22.2	19,926	79	22.3	23,977	73	21.5
Hispanic/Latino	1,099	5	18.9	1,386	6	18.8	1,636	7	18.6	2,359	9	18.9	4,171	13	17.6
Asian	777	3	21.3	829	4	20.9	914	4	20.7	699	3	21.6	651	2	20.9
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	241	1	18.0	392	1	17.2
Two or more races	398	2	22.1	449	2	21.7	566	2	22.0	568	2	21.9	972	3	20.6
Prefer not to respond/No response	1,924	9	22.0	1,082	5	21.9	1,029	4	21.0	880	3	21.6	1,978	6	19.7

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

Total Students in Report: 32,835

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: 32,835

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	65	100	52	100	229	100	84	100	9	100	36
35	346	100	110	100	246	99	148	100	69	100	35
34	358	99	138	100	447	99	101	99	136	100	34
33	428	98	223	99	637	97	139	99	219	99	33
32	449	96	268	98	532	95	258	99	302	99	32
31	519	95	234	98	834	94	339	98	430	98	31
30	723	93	394	97	914	91	453	97	601	96	30
29	605	91	506	96	901	88	489	95	743	95	29
28	687	89	776	94	1,039	86	778	94	990	92	28
27	1,164	87	1,229	92	1,130	82	1,133	92	1,260	89	27
26	1,251	84	1,614	88	1,188	79	1,194	88	1,505	86	26
25	1,303	80	1,790	83	1,287	75	1,679	84	1,623	81	25
24	1,855	76	2,299	78	1,942	71	2,677	79	1,860	76	24
23	1,579	70	1,812	71	1,941	66	2,322	71	1,984	70	23
22	2,135	65	1,655	65	1,637	60	2,166	64	2,203	64	22
21	2,326	59	1,226	60	2,710	55	2,933	57	2,329	58	21
20	2,153	52	1,730	56	1,573	46	3,093	49	2,411	50	20
19	1,639	45	1,835	51	2,015	42	2,203	39	2,315	43	19
18	1,474	40	2,206	46	1,888	35	2,692	32	2,259	36	18
17	1,472	36	2,955	39	1,873	30	1,414	24	2,044	29	17
16	1,563	31	4,450	30	1,186	24	1,901	20	1,888	23	16
15	1,844	27	2,966	16	1,798	20	1,102	14	1,735	17	15
14	1,293	21	1,552	7	1,540	15	964	11	1,437	12	14
13	1,057	17	545	2	866	10	902	8	1,208	8	13
12	917	14	187	1	1,186	8	635	5	802	4	12
11	942	11	42	1	744	4	671	3	357	1	11
10	998	8	23	1	261	2	211	1	79	1	10
9	562	5	7	1	131	1	93	1	28	1	9
8	671	3	6	1	80	1	34	1	3	1	8
7	264	1	1	1	32	1	4	1	4	1	7
6	127	1	2	1	31	1	11	1	1	1	6
5	46	1	0	1	8	1	6	1	0	1	5
4	17	1	2	1	0	1	1	1	0	1	4
3	2	1	0	1	6	1	3	1	0	1	3
2	1	1	0	1	2	1	0	1	1	1	2
1	0	1	0	1	1	1	2	1	0	1	1
Avg (SD)	20.0 (6.5)		20.3 (5.0)		21.3 (6.2)		20.8 (5.0)		20.7 (5.1)		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: 32,835

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	888	100	315	100	764	100	912	100	867	100	186	100	195	100	18
17	1,210	97	471	99	1,613	98	1,610	97	1,044	97	145	99	79	99	17
16	1,395	94	1,797	98	1,873	93	1,992	92	513	94	656	99	737	99	16
15	1,045	89	2,062	92	1,645	87	1,479	86	1,758	93	920	97	1,418	97	15
14	2,013	86	2,176	86	2,009	82	2,534	82	1,932	87	2,493	94	2,356	93	14
13	1,269	80	2,854	79	2,777	76	2,630	74	3,008	81	3,762	87	2,715	85	13
12	2,469	76	3,500	71	3,074	67	2,718	66	3,301	72	2,647	75	3,867	77	12
11	3,067	69	3,710	60	2,548	58	2,689	58	2,498	62	5,038	67	3,081	65	11
10	3,604	59	3,165	49	3,859	50	3,631	50	3,300	55	4,126	52	5,589	56	10
9	2,886	48	3,445	39	2,752	39	2,513	38	2,048	45	5,757	39	3,796	39	9
8	2,566	40	2,619	28	3,632	30	2,556	31	4,645	38	3,237	22	3,440	27	8
7	3,263	32	2,165	20	2,588	19	1,876	23	3,772	24	2,078	12	2,564	17	7
6	2,252	22	1,163	14	2,138	11	2,657	17	2,457	13	362	5	635	9	6
5	1,746	15	1,424	10	830	5	1,265	9	1,263	5	964	4	1,146	7	5
4	1,403	10	1,262	6	434	2	1,272	5	288	1	65	1	301	4	4
3	1,210	5	537	2	213	1	356	2	59	1	314	1	580	3	3
2	458	2	159	1	63	1	141	1	71	1	2	1	275	1	2
1	91	1	11	1	23	1	4	1	11	1	83	1	61	1	1
Avg (SD)	9.8 (4.0)		10.5 (3.5)		10.8 (3.6)		10.7 (3.8)		10.3 (3.4)		10.4 (2.7)		10.2 (3.0)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	24	24	25	24	24
Q2 (50th Percentile)	20	19	21	21	20
Q1 (25th Percentile)	15	16	17	18	17

Total Students in Report: 32,835

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	32,835	66	22.0	18.6
	Black/African American	352	53	18.3	15.2
	American Indian/Alaska Native	342	52	17.9	15.4
	White	23,977	68	22.6	19.4
	Hispanic/Latino	4,171	58	18.8	16.2
	Asian	651	75	21.7	19.0
	Native Hawaiian/Other Pac. Isl.	392	63	18.0	16.0
	Two or more races	972	68	21.7	18.5
	Prefer not/No Response	1,978	51	21.7	17.6
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

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

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

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.0	20.3	21.3	20.8	20.7
	Black/African American	15.2	17.0	17.3	17.4	16.9
	American Indian/Alaska Native	14.2	17.0	16.7	17.3	16.4
	White	21.1	21.0	22.1	21.5	21.5
	Hispanic/Latino	16.1	17.8	18.0	18.1	17.6
	Asian	19.3	22.4	20.2	21.3	20.9
	Native Hawaiian/Other Pac. Isl.	15.7	17.7	17.5	17.7	17.2
	Two or more races	20.1	20.0	21.4	20.6	20.6
	Prefer not/No Response	18.8	19.4	20.3	19.7	19.7
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: 32,835

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	1,197	4	523	2	1,559	5	472	1
	28 to 32	2,983	9	2,178	7	4,220	13	2,317	7
	24 to 27	5,573	17	6,932	21	5,547	17	6,683	20
	20 to 23	8,193	25	6,423	20	7,861	24	10,514	32
	16 to 19	6,148	19	11,446	35	6,962	21	8,210	25
	13 to 15	4,194	13	5,063	15	4,204	13	2,968	9
	01 to 12	4,547	14	270	1	2,482	8	1,671	5
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	15,773	48	19.5	20.8	21.0	21.2	20.8
	Females	16,413	50	20.6	20.0	21.6	20.4	20.8
	Missing	649	2	17.1	18.3	18.6	18.6	18.3
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	61	43	52	33	27
	Females	68	37	56	25	21
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 32,835

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	21,543	74	21.5	50	21.5	62	22.5	36	21.9	30	22.0
	Less than Core	9,948	48	17.5	23	18.3	40	19.2	16	18.9	12	18.6
	Missing ³	1,344	33	15.3	12	17.0	27	17.3	9	17.3	5	16.9
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	29,069	67	20.5	29,235	44	20.8	28,423	57	21.8	25,192	33	21.4
	Less than Core	2,761	44	16.8	2,460	5	15.9	3,271	31	17.7	6,468	15	18.7
	Missing ³	1,005	36	15.7	1,140	12	16.9	1,141	29	17.5	1,175	10	17.5
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.

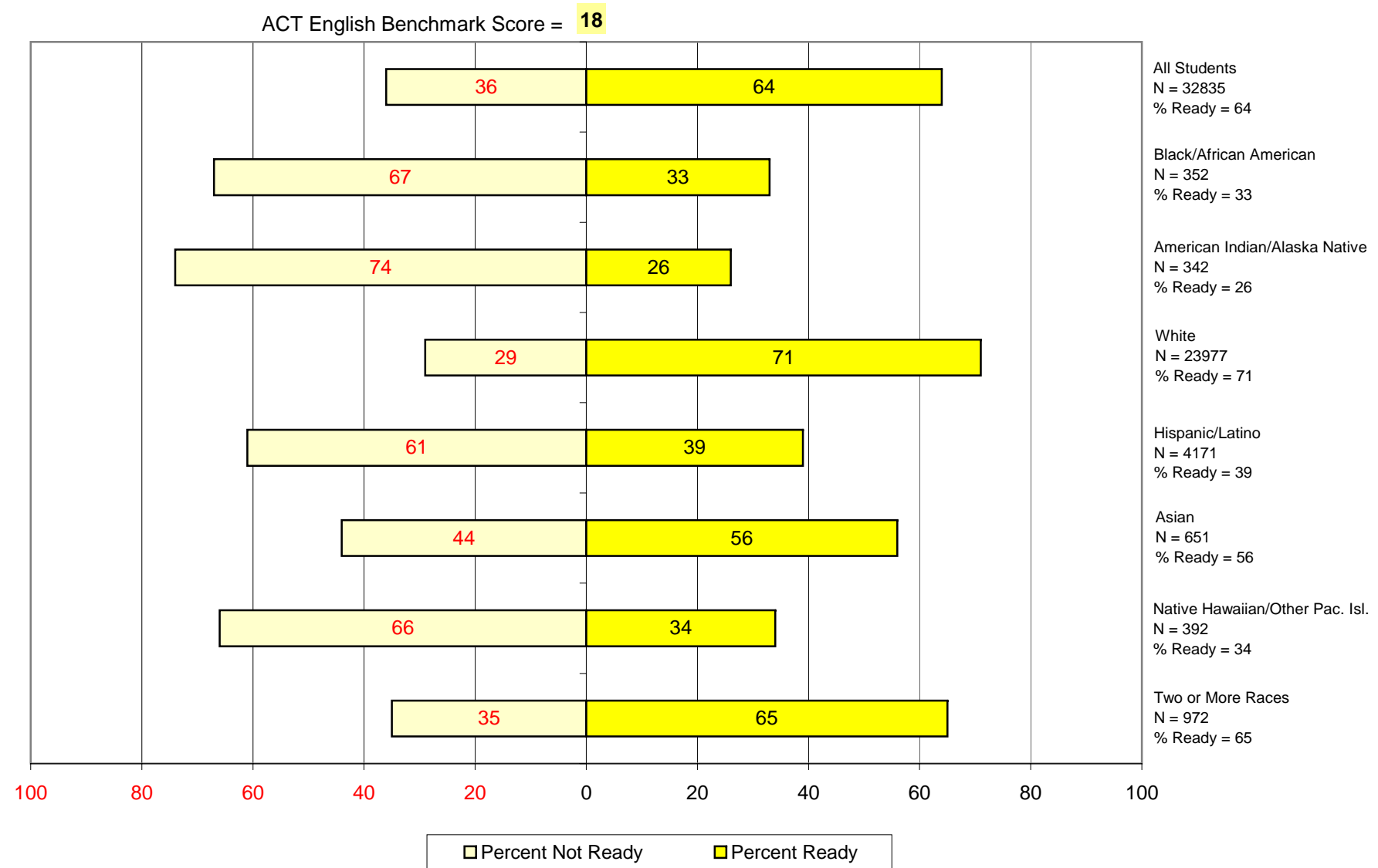
³ Zero years or no coursework information reported in the specified content area.

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

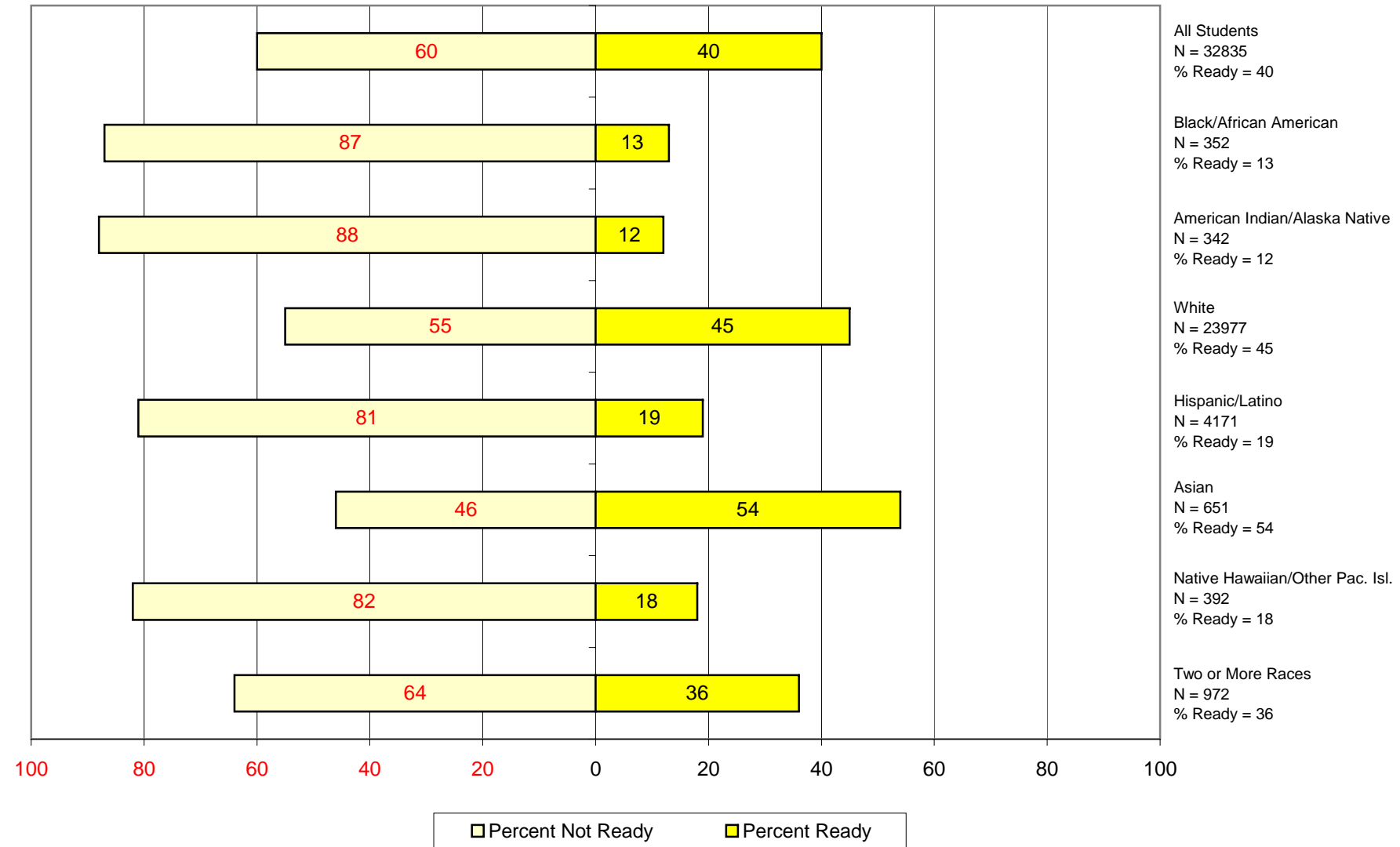


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 32,835

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

ACT Mathematics Benchmark Score = **22**

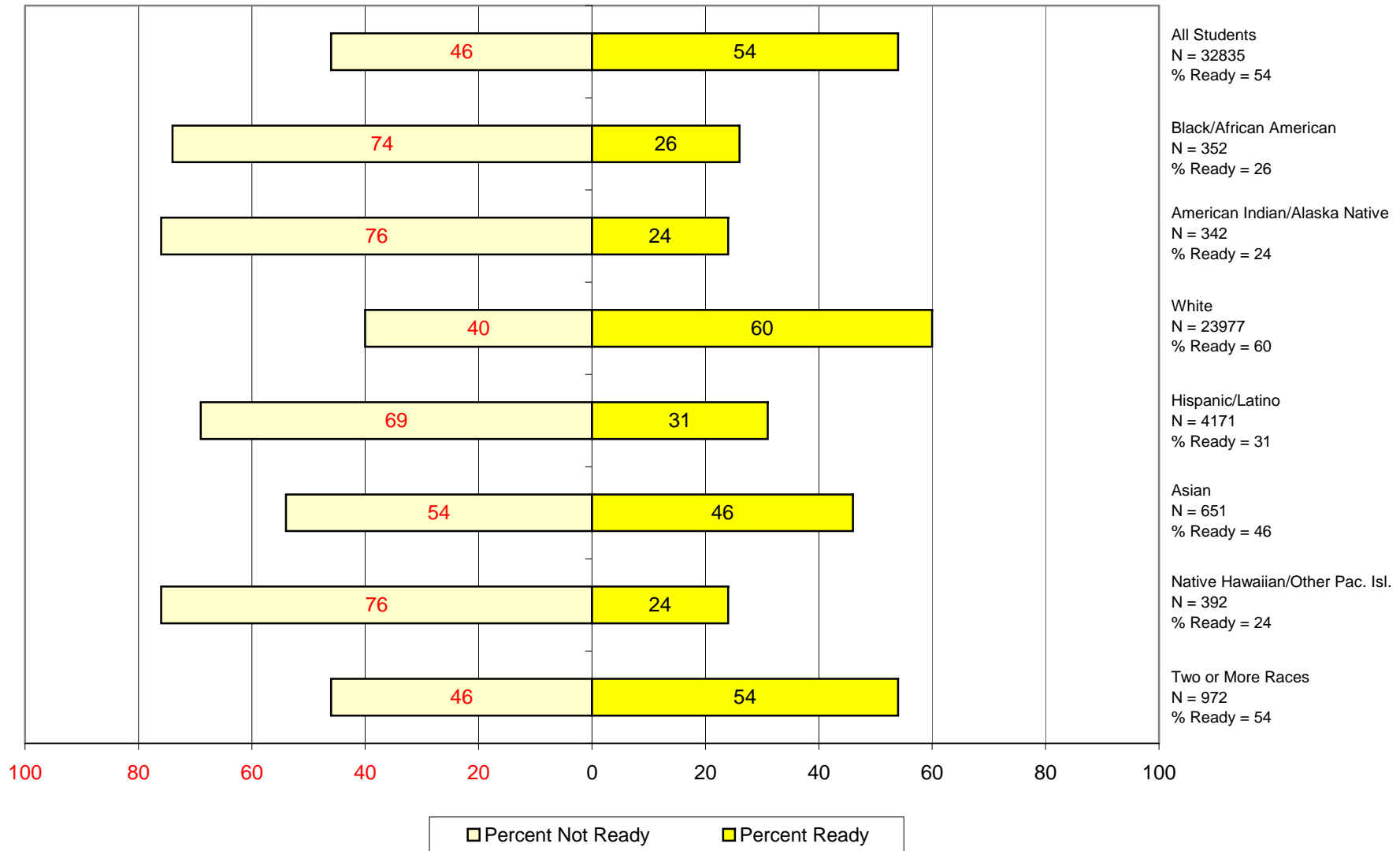


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 32,835

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

ACT Reading Benchmark Score = **21**

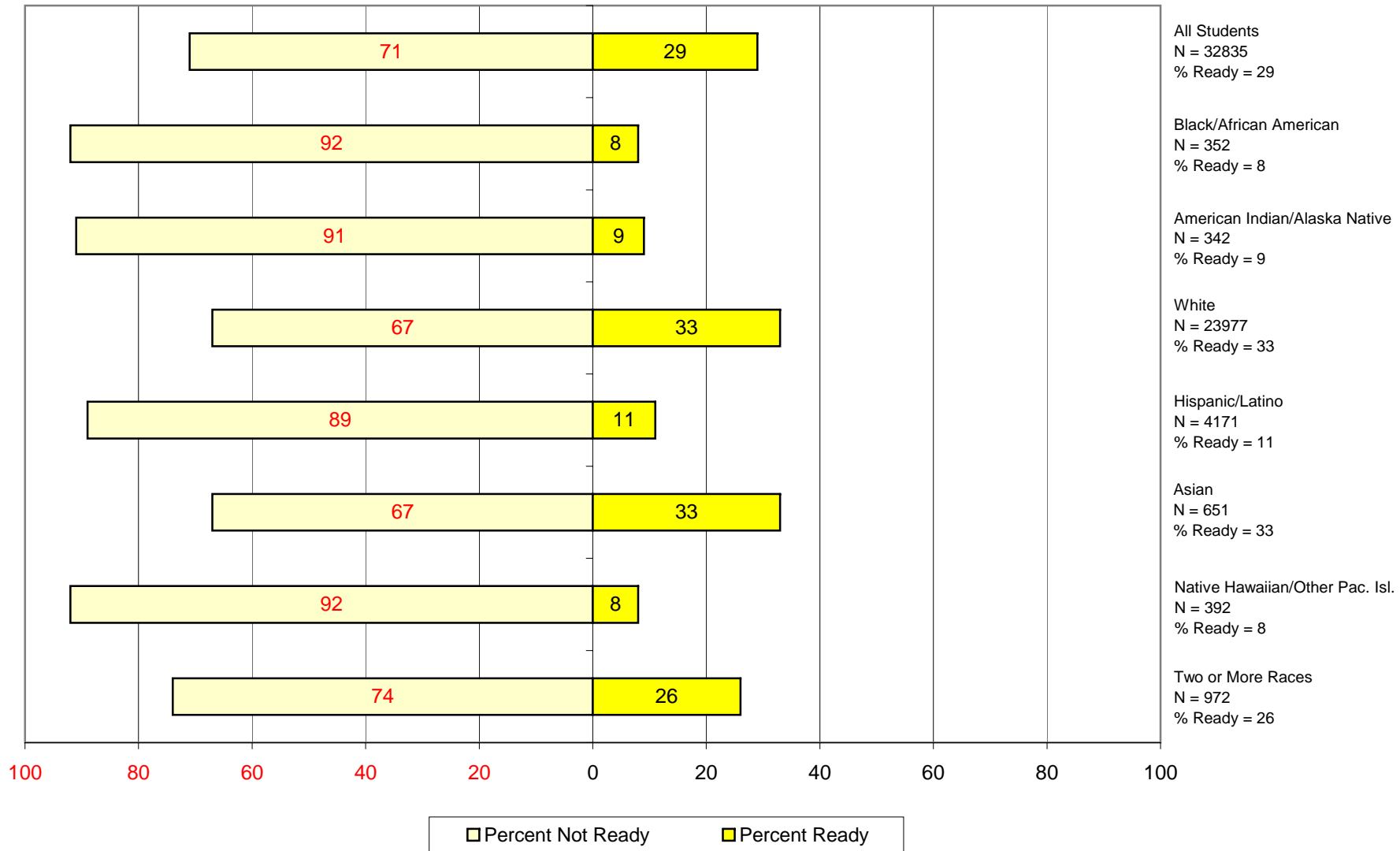


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 32,835

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

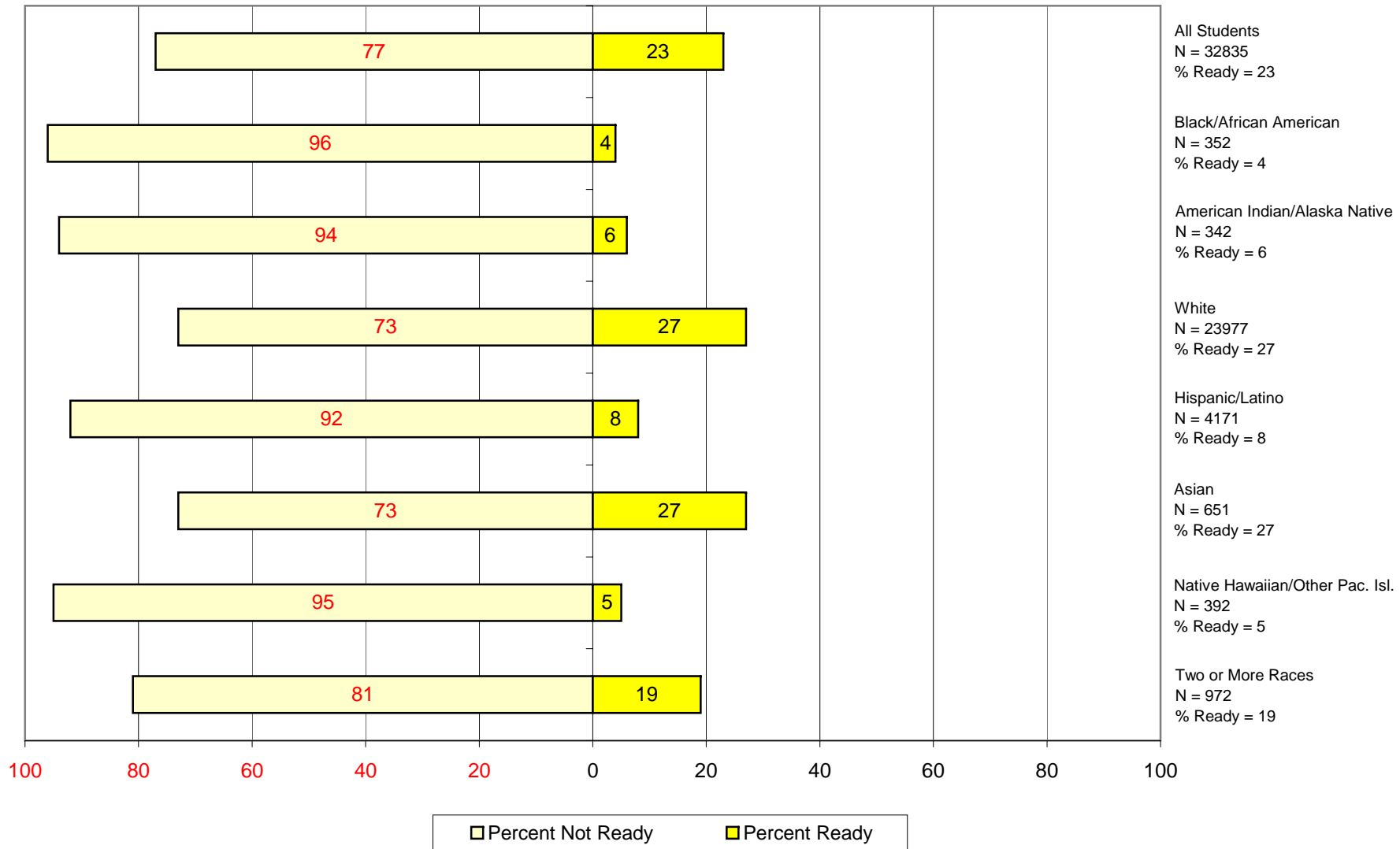
ACT Science Benchmark Score = **24**



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

Total Students in Report: 32,835

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: 32,835

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	7,959	24	21.8	5.0	3,401	22	21.3	5.1	4,485	27	22.2	4.7
Eng 9, Eng 10, Eng 11, Eng 12	21,110	64	20.0	3.2	10,496	67	19.6	3.4	10,300	63	20.5	3.0
Less than 4 years of English	2,761	8	16.8	-	1,421	9	16.2	-	1,246	8	17.5	-
Zero years / no English courses reported	1,005	3	15.7	-	455	3	15.0	-	382	2	15.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,167	4	23.3	7.4	596	4	24.0	8.1	554	3	22.6	6.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,920	6	22.6	6.7	709	4	22.9	7.0	1,186	7	22.4	6.5
Alg 1, Alg 2, Geom, & Trig	1,017	3	19.3	3.4	492	3	19.3	3.4	505	3	19.2	3.3
Alg 1, Alg 2, Geom, & Other Adv Math	5,872	18	20.0	4.1	2,403	15	20.4	4.5	3,400	21	19.8	3.9
Other comb of 4 or more years of Math	11,264	34	23.2	7.3	5,883	37	23.9	8.0	5,282	32	22.5	6.6
Alg 1, Alg 2, & Geom	6,178	19	17.0	1.1	2,966	19	17.3	1.4	3,073	19	16.8	0.9
Other comb of 3 or 3.5 years of Math	1,817	6	19.2	3.3	938	6	19.5	3.6	856	5	18.8	2.9
Less than 3 years of Math	2,460	7	15.9	-	1,257	8	15.9	-	1,120	7	15.9	-
Zero years / no Math courses reported	1,140	3	16.9	-	529	3	16.9	-	437	3	16.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	446	1	20.9	3.2	226	1	21.1	3.5	212	1	20.7	2.7
Other comb of 4 or more years Social Science	17,322	53	22.4	4.7	7,798	49	22.4	4.8	9,373	57	22.5	4.5
US Hist, World Hist, & Am Gov	1,151	4	19.1	1.4	636	4	19.0	1.4	493	3	19.3	1.3
Other comb of 3 or 3.5 years of Social Science	9,504	29	21.1	3.4	4,658	30	20.9	3.3	4,674	28	21.3	3.3
Less than 3 years of Social Science	3,271	10	17.7	-	1,930	12	17.6	-	1,222	7	18.0	-
Zero years / no Social Science courses reported	1,141	3	17.5	-	525	3	17.2	-	439	3	17.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	10,955	33	22.0	3.3	5,681	36	22.6	3.9	5,147	31	21.4	2.6
Bio, Chem, Phys	2,522	8	24.1	5.4	1,296	8	24.8	6.1	1,205	7	23.5	4.7
Gen Sci ² , Bio, Chem	8,348	25	20.4	1.7	3,384	21	20.5	1.8	4,833	29	20.3	1.5
Other comb of 3 years of Natural Science	3,367	10	20.3	1.6	1,957	12	20.9	2.2	1,359	8	19.6	0.8
Less than 3 years of Natural Science	6,468	20	18.7	-	2,917	18	18.7	-	3,406	21	18.8	-
Zero years / no Natural Science courses reported	1,175	4	17.5	-	538	3	17.4	-	463	3	17.2	-

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: 32,835

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	7,959	24	21.8	75	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	21,110	64	20.0	64	1,178,400	71	20.5	67
Less than 4 years of English	2,761	8	16.8	44	64,748	4	16.5	41
Zero years / no English courses reported	1,005	3	15.7	36	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,167	4	23.3	67	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,920	6	22.6	64	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	1,017	3	19.3	30	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	5,872	18	20.0	36	279,658	17	19.9	36
Other comb of 4 or more years of Math	11,264	34	23.2	65	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	6,178	19	17.0	10	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,817	6	19.2	28	82,509	5	19.9	35
Less than 3 years of Math	2,460	7	15.9	5	69,741	4	16.6	8
Zero years / no Math courses reported	1,140	3	16.9	12	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	446	1	20.9	52	47,179	3	22.3	59
Other comb of 4 or more years Social Science	17,322	53	22.4	62	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	1,151	4	19.1	40	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	9,504	29	21.1	52	452,172	27	21.2	51
Less than 3 years of Social Science	3,271	10	17.7	31	149,266	9	19.7	40
Zero years / no Social Science courses reported	1,141	3	17.5	29	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	10,955	33	22.0	38	740,499	44	21.9	39
Bio, Chem, Phys	2,522	8	24.1	57	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	8,348	25	20.4	23	466,992	28	20.0	22
Other comb of 3 years of Natural Science	3,367	10	20.3	24	45,992	3	19.5	20
Less than 3 years of Natural Science	6,468	20	18.7	15	194,661	12	18.4	13
Zero years / no Natural Science courses reported	1,175	4	17.5	10	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: 32,835

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	493	2	19.0	66	3	16.4	395	2	19.5
Architecture	423	1	21.2	26	1	17.5	367	1	21.6
Area, Ethnic, & Multidisciplinary Studies	48	0	20.8	5	0	15.2	42	0	21.3
Arts: Visual & Performing	3,303	10	20.6	365	16	17.2	2,711	10	21.2
Business	2,153	7	20.8	149	6	16.5	1,887	7	21.3
Communications	473	1	21.5	28	1	16.9	426	2	21.9
Community, Family, & Personal Services	1,329	4	18.4	279	12	16.5	946	4	19.2
Computer Science & Mathematics	834	3	22.8	38	2	16.3	748	3	23.2
Education	1,569	5	21.3	59	3	16.1	1,444	6	21.6
Engineering	1,838	6	23.2	81	4	15.2	1,655	6	23.9
Engineering Technology & Drafting	526	2	20.9	54	2	16.1	444	2	21.7
English & Foreign Languages	596	2	23.3	27	1	19.0	540	2	23.6
Health Administration & Assisting	1,140	3	19.0	95	4	16.8	941	4	19.4
Health Sciences & Technologies	6,437	20	21.0	251	11	17.1	5,854	22	21.4
Philosophy, Religion, & Theology	107	0	21.3	6	0	17.0	93	0	21.9
Repair, Production, & Construction	629	2	17.5	183	8	15.9	376	1	18.6
Sciences: Biological & Physical	1,445	4	23.4	32	1	16.5	1,359	5	23.7
Social Sciences & Law	2,279	7	21.4	65	3	17.1	2,086	8	21.7
Undecided	4,368	13	21.3	271	12	16.9	3,430	13	22.0
No Response	2,733	8	16.9	183	8	14.6	391	1	17.4

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: 32,835

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	526	16.2	4	10.8	8	14.8	342	16.9	110	14.7
2-yr College Degree	1,767	16.6	18	14.1	33	14.2	1,185	17.2	335	14.9
Bachelors Degree	13,658	20.3	126	17.5	129	16.4	10,512	20.9	1,566	17.5
Graduate Study	5,330	23.2	45	18.2	34	19.1	4,248	23.8	477	20.1
Prof. Level Degree	7,213	22.7	74	18.5	68	18.6	5,282	23.4	890	19.7
Other	598	17.5	6	13.7	4	12.8	408	18.0	90	15.4
No Response	3,743	17.9	79	14.8	66	14.5	2,000	19.1	703	15.7

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	526	16.2	11	17.9	3	15.0	14	15.8	34	13.8
2-yr College Degree	1,767	16.6	18	15.0	17	14.4	43	17.5	118	15.9
Bachelors Degree	13,658	20.3	196	19.7	143	17.4	388	20.0	598	19.6
Graduate Study	5,330	23.2	101	22.5	42	18.7	147	23.0	236	22.4
Prof. Level Degree	7,213	22.7	206	23.7	76	18.9	254	22.3	363	22.9
Other	598	17.5	11	19.4	8	17.5	14	19.4	57	17.0
No Response	3,743	17.9	108	17.8	103	15.8	112	18.0	572	18.0

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

Total Students in Report: 32,835

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 UTAH	Utah	12,478	4,795	7,683	3	11	23	28	22	11	1
UTAH STATE UNIVERSITY	Utah	9,660	2,745	6,915	2	8	22	30	25	12	1
BRIGHAM YOUNG UNIVERSITY	Utah	7,424	3,639	3,785	1	5	14	27	30	19	3
UTAH VALLEY UNIVERSITY	Utah	7,232	1,831	5,401	2	11	27	31	21	8	1
WEBER STATE UNIVERSITY	Utah	5,768	1,846	3,922	3	13	28	30	19	7	1
SOUTHERN UTAH UNIVERSITY	Utah	4,824	1,045	3,779	2	9	27	33	22	8	0
DIXIE STATE COLLEGE OF UTAH	Utah	4,177	1,163	3,014	4	16	34	29	13	3	0
SALT LAKE COMMUNITY COLLEGE	Utah	4,041	1,299	2,742	8	23	32	24	10	3	0
SNOW COLLEGE	Utah	3,236	738	2,498	4	16	30	29	16	5	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	2,473	2,473	0	9	26	33	19	9	3	1
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	1,998	327	1,671	0	3	15	32	31	18	1
WESTMINSTER COLLEGE	Utah	1,780	302	1,478	4	13	21	29	20	10	1
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	883	183	700	1	7	19	34	29	10	0
NCAA ELIGIBILITY CENTER	Indiana	635	269	366	3	10	26	30	22	7	1
ARIZONA STATE UNIVERSITY	Arizona	500	125	375	2	15	28	29	18	8	1
LDS BUSINESS COLLEGE	Utah	413	69	344	6	17	31	27	16	4	0
STANFORD UNIVERSITY	California	392	70	322	0	2	8	17	22	38	14
COLLEGE OF EASTERN UTAH	Utah	382	127	255	6	18	34	25	14	3	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	381	88	293	4	14	22	24	19	14	3
PROVO COLLEGE	Utah	321	39	282	11	33	36	13	5	1	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	313	53	260	3	13	18	24	26	15	2
STATE-NO COLLEGE PLANS	Iowa	278	278	0	24	38	27	9	1	0	0
UNIVERSITY OF OREGON	Oregon	278	51	227	3	13	22	28	24	9	1
HARVARD COLLEGE	Massachusetts	235	39	196	1	7	11	16	21	28	17
UNIVERSITY OF WASHINGTON	Washington	234	40	194	1	5	15	28	26	23	3
BOISE STATE UNIVERSITY	Idaho	226	47	179	6	12	28	34	15	5	0
UNIVERSITY OF ARIZONA	Arizona	220	43	177	4	9	25	32	22	7	0
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	187	36	151	6	22	33	23	10	5	1
SAN DIEGO STATE UNIVERSITY	California	173	43	130	3	9	28	31	25	3	1
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	167	40	127	0	3	11	11	22	32	21
All Other Institutions		10,903	2,282	8,621	5	15	25	23	18	12	3
Total		82,212	26,125	56,087	3	12	25	28	20	10	1

Section V

Optional Writing Test Results

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

Total Students in Report: 32,835

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	5,047	931,148	23.9	21.5	7.5	7.1	22.9	20.7
Black/African American	55	113,247	19.8	16.6	7.0	6.2	19.6	16.4
American Indian/Alaska Native	37	5,233	20.1	17.8	7.3	6.5	20.0	17.5
White	3,742	518,974	24.6	23.2	7.6	7.2	23.5	22.1
Hispanic/Latino	555	150,249	20.1	18.5	7.0	6.8	19.7	18.3
Asian	187	53,381	23.1	23.7	7.6	7.6	22.4	22.8
Native Hawaiian/Other Pac. Isl.	65	2,851	18.3	19.9	7.1	7.1	18.4	19.6
Two or more races	164	32,346	24.2	21.9	7.4	7.1	23.0	21.1
Prefer not/No Response	242	54,867	24.9	21.8	7.6	7.1	23.7	21.0
Males	2,168	413,617	23.6	21.2	7.3	6.8	22.5	20.3
Females	2,879	515,745	24.1	21.7	7.6	7.2	23.2	21.1
Missing	0	1,786	.	16.8	.	6.3	.	16.6

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

