

ACT Profile Report - State

Graduating Class 2012
Nevada



ACT, INC. -- CONFIDENTIAL



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

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

Total Students in Report: 7,604

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

25% 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: 7,604 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. 79% 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, 16% were college ready. 9% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 13% of these students were college ready. In comparison, 52% 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 15% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 32% 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 44% 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 916-631-9200.

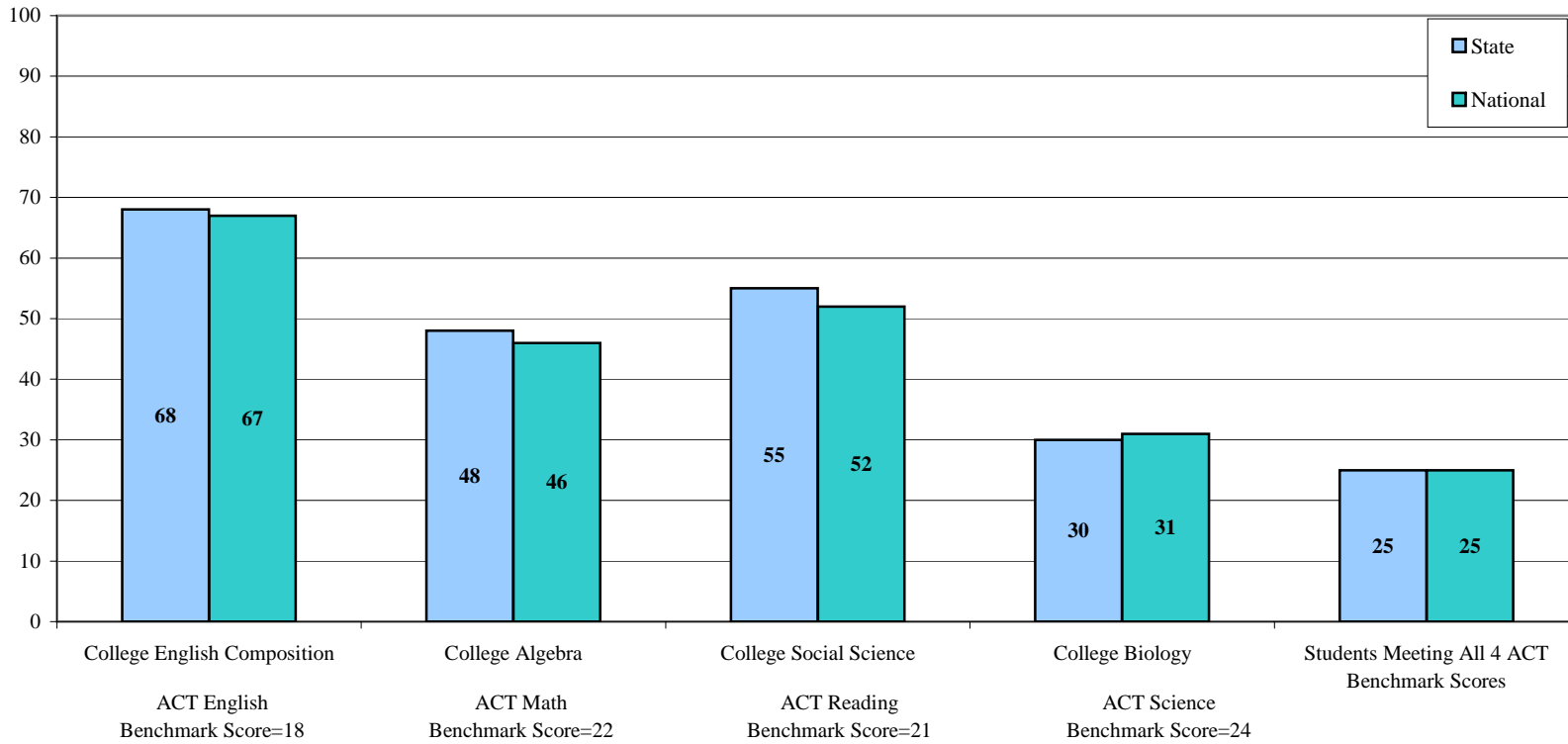
Section I

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: 7,604

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: 7,604

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	6,295	1,421,941	71	68	44	43	55	53	28	28	22	22
2009	6,396	1,480,469	71	67	45	42	58	53	28	28	23	23
2010	6,656	1,568,835	70	66	48	43	58	52	30	29	25	24
2011	6,931	1,623,112	68	66	47	45	55	52	30	30	25	25
2012	7,604	1,666,017	68	67	48	46	55	52	30	31	25	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	6,295	1,421,941	20.7	20.6	21.4	21.0	21.7	21.4	20.9	20.8	21.3	21.1
2009	6,396	1,480,469	20.9	20.6	21.4	21.0	22.0	21.4	21.0	20.9	21.5	21.1
2010	6,656	1,568,835	20.8	20.5	21.5	21.0	22.0	21.3	21.3	20.9	21.5	21.0
2011	6,931	1,623,112	20.7	20.6	21.4	21.1	21.8	21.3	21.3	20.9	21.4	21.1
2012	7,604	1,666,017	20.5	20.5	21.4	21.1	21.6	21.3	21.1	20.9	21.3	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: 7,604

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	4,278	1,681	68	27	21.2	19.2	22.0	19.9	22.2	20.5	21.4	19.6	21.8	19.9
2009	5,052	1,280	79	20	21.4	19.1	21.9	19.6	22.4	20.3	21.4	19.5	21.9	19.8
2010	5,325	1,262	80	19	21.3	19.1	21.9	19.8	22.3	20.5	21.7	19.9	21.9	20.0
2011	5,516	1,344	80	19	21.1	19.2	21.8	20.0	22.2	20.5	21.6	20.1	21.8	20.1
2012	6,016	1,524	79	20	20.9	18.9	21.8	19.8	22.0	20.2	21.5	19.8	21.7	19.8

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.

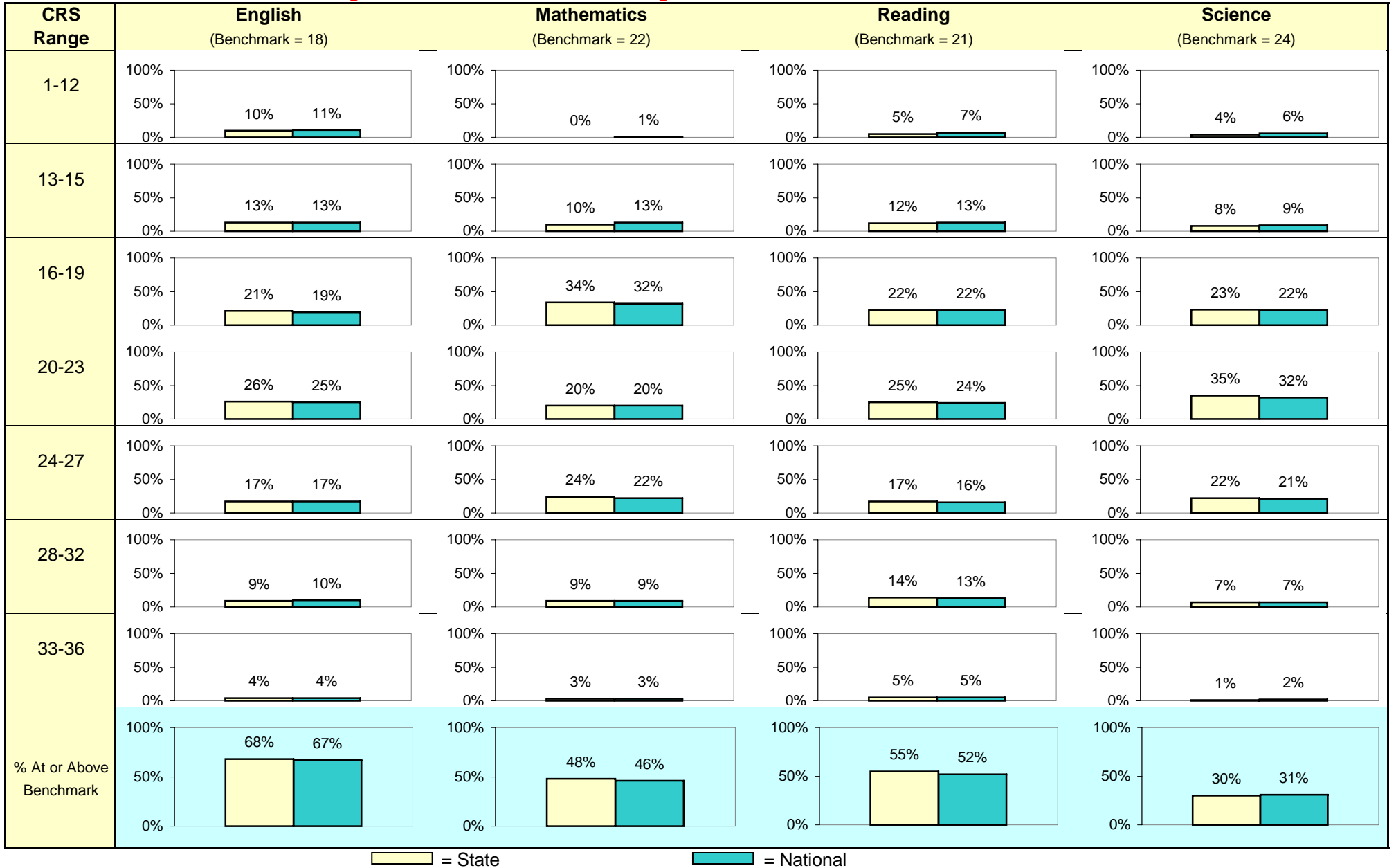
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	6,295	100	21.3	6,396	100	21.5	6,656	100	21.5	6,931	100	21.4	7,604	100	21.3
Black/African American	461	7	17.5	521	8	17.9	580	9	18.0	546	8	17.8	597	8	17.7
American Indian/Alaska Native	85	1	20.3	95	1	18.7	100	2	19.8	77	1	18.2	87	1	18.5
White	3,399	54	22.4	3,643	57	22.6	3,579	54	22.7	3,603	52	22.7	3,684	48	22.7
Hispanic/Latino	979	16	18.6	1,021	16	19.2	1,117	17	19.4	1,524	22	19.2	1,886	25	19.2
Asian	572	9	21.6	579	9	22.1	666	10	22.0	503	7	22.8	464	6	22.6
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	44	1	20.4	85	1	19.8
Two or more races	192	3	21.3	188	3	21.4	281	4	21.9	338	5	21.9	480	6	21.6
Prefer not to respond/No response	607	10	22.3	349	5	21.3	333	5	21.3	296	4	22.0	321	4	22.2

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

Total Students in Report: 7,604

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: 7,604

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	15	100	16	100	50	100	25	100	2	100	36
35	75	100	54	100	65	99	30	100	21	100	35
34	89	99	64	99	96	98	22	99	28	100	34
33	100	98	85	98	152	97	34	99	63	99	33
32	92	96	83	97	173	95	45	99	85	99	32
31	114	95	88	96	231	93	81	98	130	97	31
30	162	94	130	95	232	90	112	97	148	96	30
29	151	91	168	93	190	87	103	95	185	94	29
28	190	90	215	91	249	84	190	94	251	91	28
27	260	87	351	88	245	81	289	92	289	88	27
26	250	84	466	84	255	78	279	88	354	84	26
25	329	80	422	77	284	75	442	84	414	80	25
24	476	76	562	72	502	71	629	78	461	74	24
23	376	70	491	64	393	64	622	70	494	68	23
22	490	65	423	58	438	59	549	62	567	62	22
21	611	58	243	52	612	53	741	55	558	54	21
20	499	50	383	49	465	45	764	45	553	47	20
19	493	44	447	44	390	39	469	35	598	39	19
18	375	37	572	38	602	34	592	29	539	32	18
17	343	32	670	31	358	26	399	21	478	25	17
16	378	28	879	22	346	21	315	16	436	18	16
15	451	23	551	10	345	17	234	11	345	12	15
14	359	17	160	3	304	12	175	8	272	8	14
13	190	12	61	1	233	8	175	6	186	4	13
12	184	10	14	1	205	5	98	4	89	2	12
11	186	7	2	1	104	2	74	2	39	1	11
10	139	5	2	1	42	1	77	2	16	1	10
9	78	3	2	1	28	1	25	1	2	1	9
8	92	2	0	1	8	1	9	1	1	1	8
7	44	1	0	1	5	1	1	1	0	1	7
6	10	1	0	1	1	1	2	1	0	1	6
5	1	1	0	1	1	1	1	1	0	1	5
4	2	1	0	1	0	1	1	1	0	1	4
3	0	1	0	1	0	1	0	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)	20.5 (6.1)		21.4 (5.1)		21.6 (6.0)		21.1 (4.8)		21.3 (5.0)		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: 7,604

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	244	100	65	100	175	100	247	100	338	100	69	100	90	100	18
17	306	97	73	99	347	98	389	97	343	96	63	99	21	99	17
16	355	93	409	98	447	93	468	92	191	91	233	98	237	99	16
15	308	88	388	93	388	87	461	85	463	89	289	95	437	95	15
14	439	84	501	88	486	82	602	79	556	82	699	91	623	90	14
13	344	78	629	81	602	76	610	72	846	75	930	82	639	81	13
12	600	74	764	73	885	68	662	63	704	64	707	70	1,046	73	12
11	763	66	978	63	610	56	666	55	779	55	984	61	824	59	11
10	945	56	768	50	753	48	703	46	594	45	1,226	48	971	48	10
9	720	43	1,002	40	732	38	706	37	582	37	1,000	32	940	36	9
8	645	34	636	27	687	29	628	27	917	29	671	18	695	23	8
7	626	25	503	18	792	20	474	19	858	17	316	10	518	14	7
6	499	17	327	12	339	9	501	13	272	6	138	5	292	7	6
5	347	11	253	7	177	5	287	6	87	2	167	4	36	4	5
4	227	6	206	4	116	2	105	3	53	1	27	1	173	3	4
3	150	3	85	1	39	1	81	1	16	1	54	1	5	1	3
2	83	1	13	1	25	1	12	1	5	1	5	1	45	1	2
1	3	1	4	1	4	1	2	1	0	1	26	1	12	1	1
Avg (SD)	10.2 (3.8)		10.5 (3.3)		10.9 (3.5)		11.0 (3.7)		11.1 (3.4)		10.8 (2.8)		10.7 (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	25	26	24	25
Q2 (50th Percentile)	20	21	21	21	21
Q1 (25th Percentile)	16	17	17	18	18

Total Students in Report: 7,604

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	7,604	79	21.7	19.8
	Black/African American	597	79	18.0	16.5
	American Indian/Alaska Native	87	70	19.2	17.0
	White	3,684	81	23.1	21.1
	Hispanic/Latino	1,886	76	19.5	18.2
	Asian	464	82	22.7	22.0
	Native Hawaiian/Other Pac. Isl.	85	91	20.1	17.3
	Two or more races	480	78	21.9	20.4
	Prefer not/No Response	321	77	22.9	19.9
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	20.5	21.4	21.6	21.1	21.3
	Black/African American	16.5	17.9	18.0	18.0	17.7
	American Indian/Alaska Native	17.1	18.4	19.6	18.4	18.5
	White	22.3	22.6	23.2	22.3	22.7
	Hispanic/Latino	17.8	19.4	19.5	19.4	19.2
	Asian	21.5	23.9	22.1	22.3	22.6
	Native Hawaiian/Other Pac. Isl.	19.0	20.1	20.0	19.4	19.8
	Two or more races	21.0	21.2	22.2	21.4	21.6
	Prefer not/No Response	21.7	22.2	22.5	21.9	22.2
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: 7,604

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	279	4	219	3	363	5	111	1
	28 to 32	709	9	684	9	1,075	14	531	7
	24 to 27	1,315	17	1,801	24	1,286	17	1,639	22
	20 to 23	1,976	26	1,540	20	1,908	25	2,676	35
	16 to 19	1,589	21	2,568	34	1,696	22	1,775	23
	13 to 15	1,000	13	772	10	882	12	584	8
	01 to 12	736	10	20	0	394	5	288	4
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	3,274	43	20.3	22.3	21.7	21.9	21.7
	Females	4,327	57	20.6	20.7	21.5	20.5	21.0
	Missing	3	0	16.7	16.3	18.7	20.0	18.0
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	66	55	55	37	31
	Females	69	42	54	24	21
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 7,604

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	6,016	70	20.9	51	21.8	58	22.0	33	21.5	28	21.7
	Less than Core	1,524	57	18.9	35	19.8	44	20.2	20	19.8	16	19.8
	Missing ³	64	55	19.0	38	19.9	50	20.4	23	20.0	17	19.9
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	7,391	68	20.5	7,399	48	21.4	7,178	55	21.7	6,412	32	21.4
	Less than Core	159	47	17.7	149	16	17.4	375	49	20.8	1,137	18	19.5
	Missing ³	54	59	19.5	56	36	19.6	51	55	21.0	55	24	20.1
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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

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

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

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

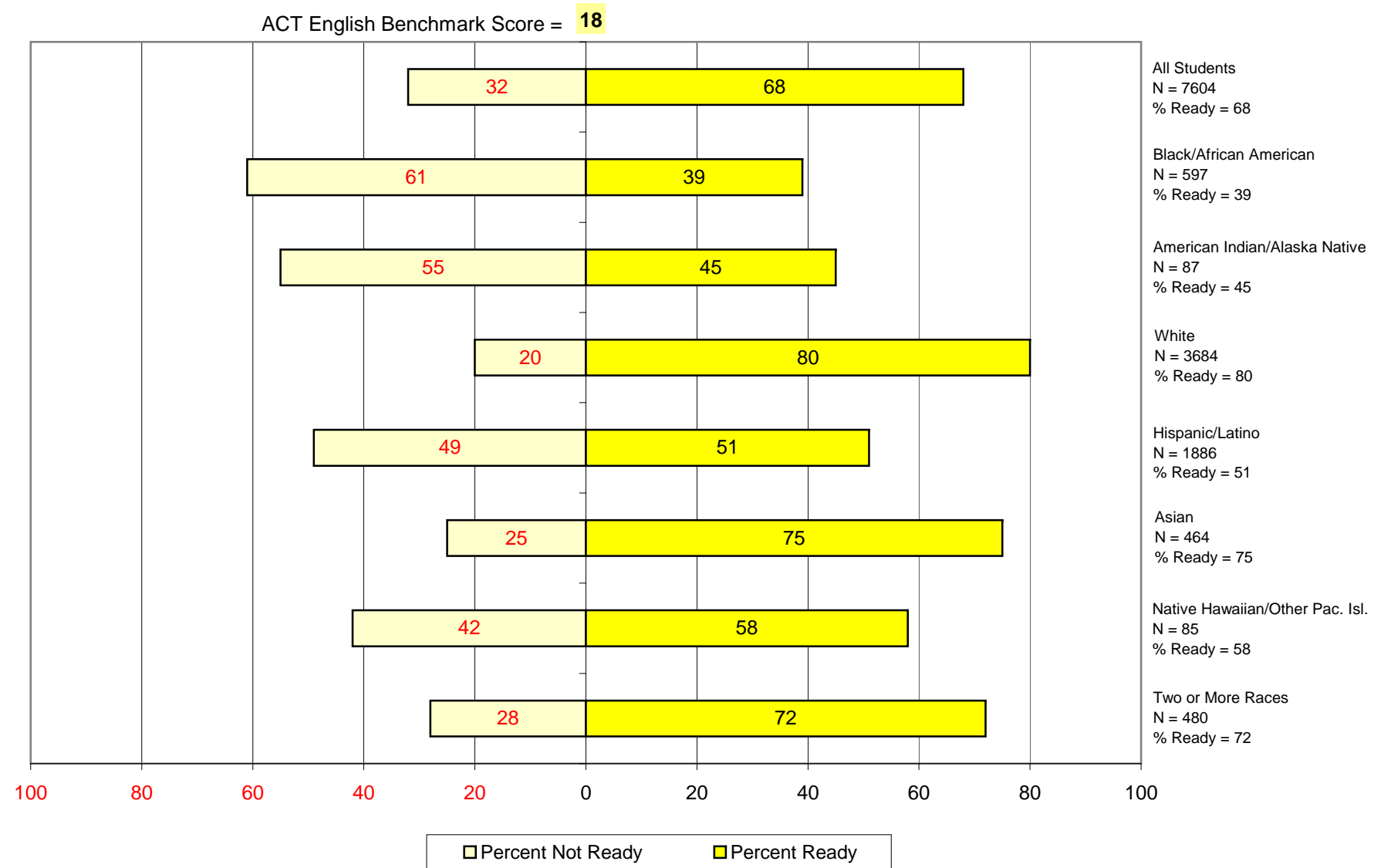
Section III

College Readiness and the Impact of Course Rigor

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

Total Students in Report: 7,604

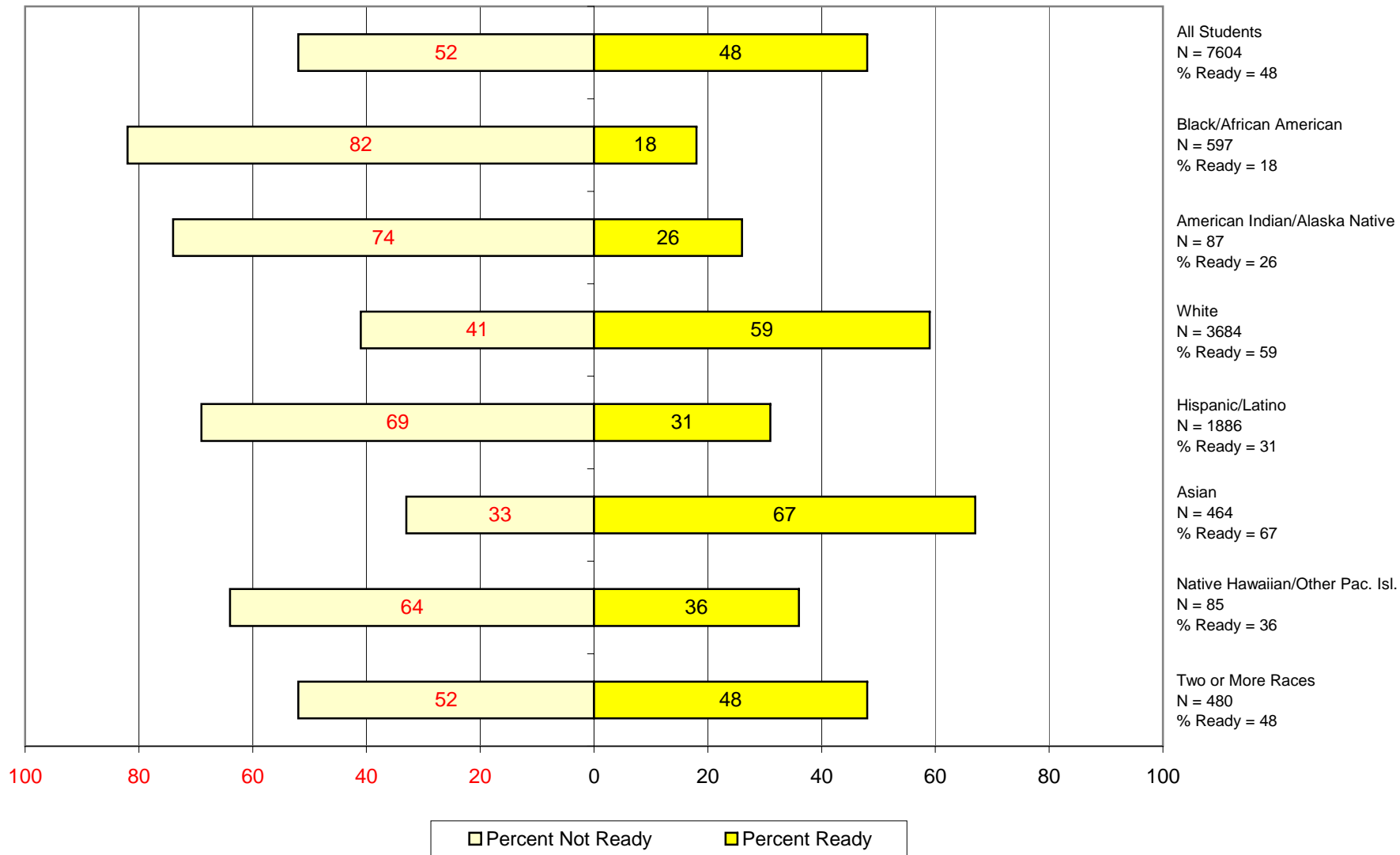
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

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

ACT Mathematics Benchmark Score = **22**

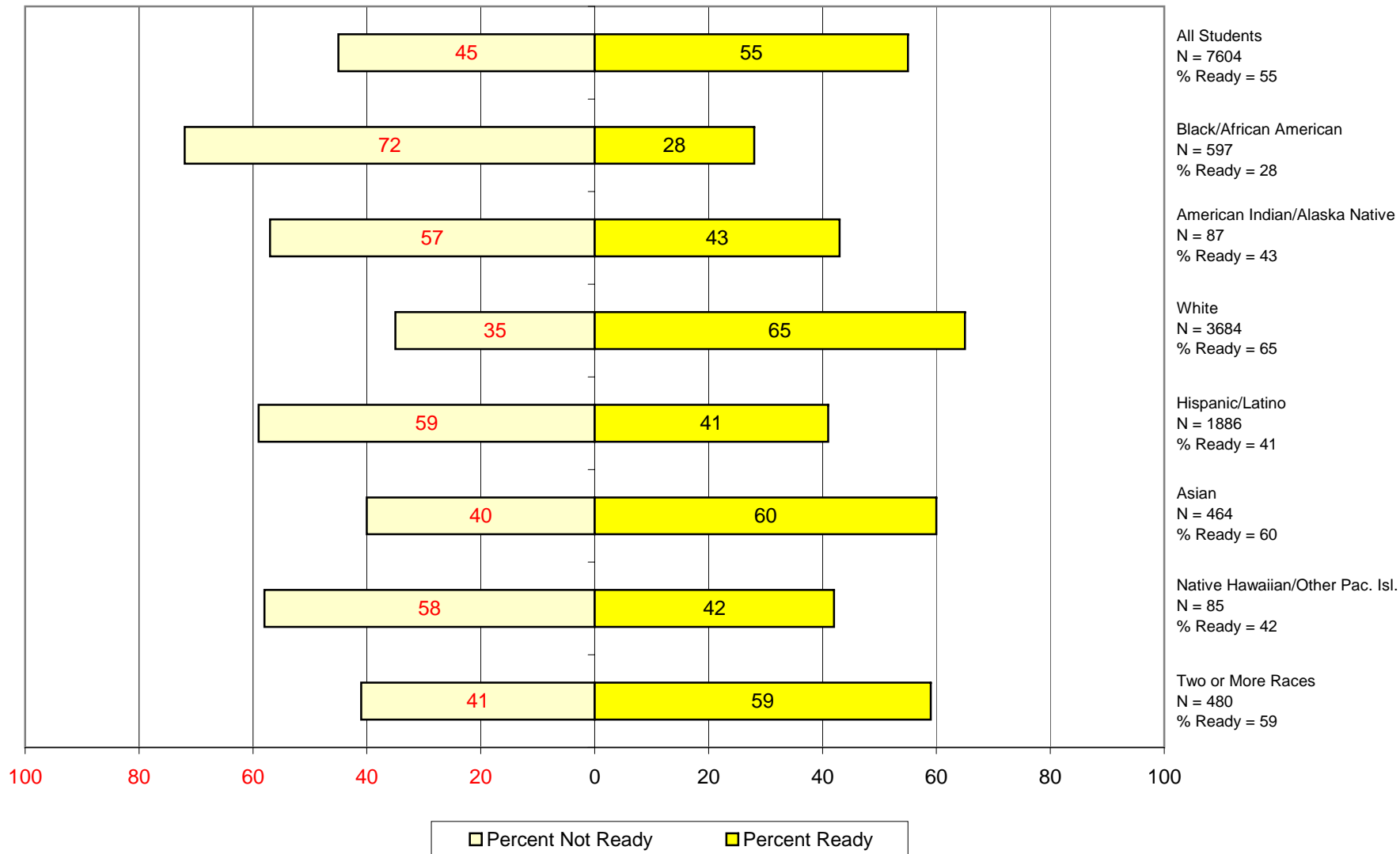


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 7,604

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

ACT Reading Benchmark Score = **21**

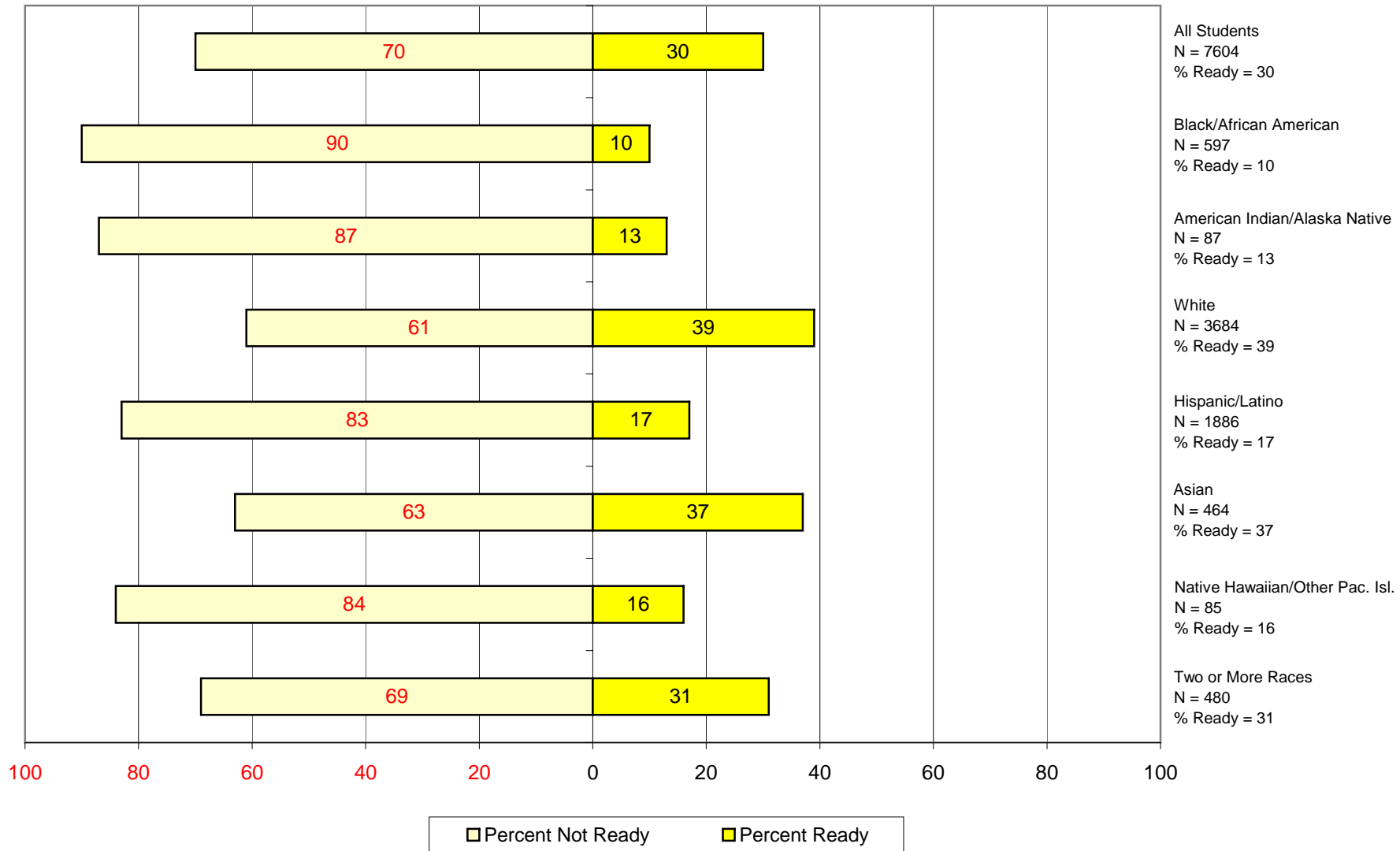


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 7,604

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

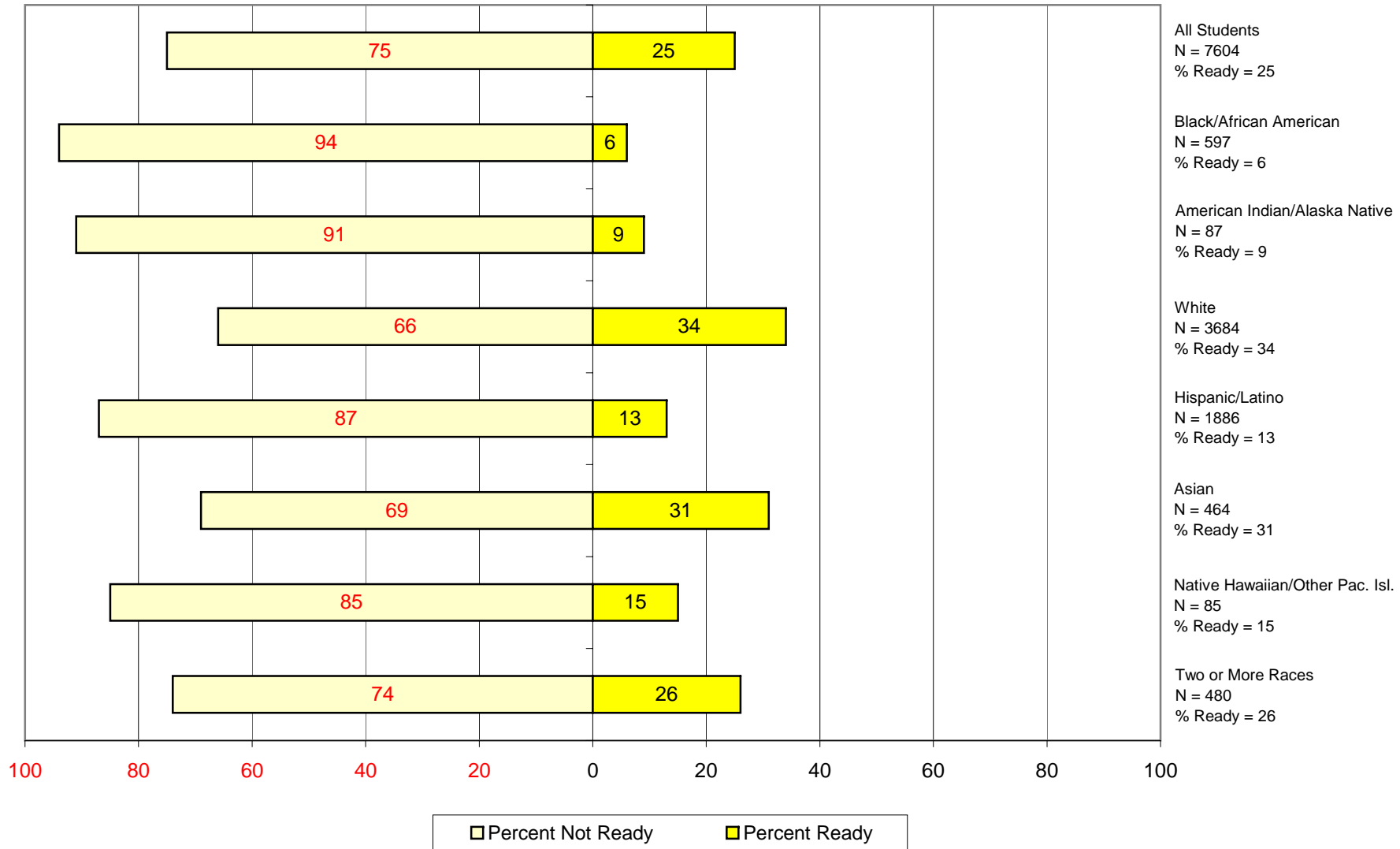
ACT Science Benchmark Score = **24**



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

Total Students in Report: 7,604

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: 7,604

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	1,405	18	20.7	3.0	553	17	20.4	1.9	852	20	20.9	3.7
Eng 9, Eng 10, Eng 11, Eng 12	5,986	79	20.5	2.8	2,635	80	20.3	1.8	3,349	77	20.6	3.4
Less than 4 years of English	159	2	17.7	-	62	2	18.5	-	96	2	17.2	-
Zero years / no English courses reported	54	1	19.5	-	24	1	18.9	-	30	1	20.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	639	8	24.8	7.4	304	9	25.6	8.1	335	8	24.0	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	991	13	21.7	4.3	366	11	22.3	4.8	624	14	21.4	4.0
Alg 1, Alg 2, Geom, & Trig	714	9	19.9	2.5	304	9	20.8	3.3	410	9	19.3	1.9
Alg 1, Alg 2, Geom, & Other Adv Math	1,314	17	18.6	1.2	458	14	18.9	1.4	856	20	18.4	1.0
Other comb of 4 or more years of Math	2,746	36	23.5	6.1	1,336	41	24.3	6.8	1,409	33	22.7	5.3
Alg 1, Alg 2, & Geom	705	9	17.4	0.0	278	8	17.8	0.3	426	10	17.1	-0.3
Other comb of 3 or 3.5 years of Math	290	4	20.6	3.2	137	4	21.3	3.8	153	4	19.9	2.5
Less than 3 years of Math	149	2	17.4	-	67	2	17.5	-	82	2	17.4	-
Zero years / no Math courses reported	56	1	19.6	-	24	1	20.2	-	32	1	19.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	359	5	21.8	1.0	181	6	22.2	1.5	178	4	21.5	0.7
Other comb of 4 or more years Social Science	2,173	29	22.0	1.2	878	27	22.1	1.4	1,294	30	21.8	1.0
US Hist, World Hist, & Am Gov	2,337	31	21.2	0.4	1,068	33	21.3	0.6	1,268	29	21.1	0.3
Other comb of 3 or 3.5 years of Social Science	2,309	30	21.9	1.1	956	29	21.9	1.2	1,353	31	21.8	1.0
Less than 3 years of Social Science	375	5	20.8	-	170	5	20.7	-	204	5	20.8	-
Zero years / no Social Science courses reported	51	1	21.0	-	21	1	21.3	-	30	1	20.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	2,876	38	22.0	2.5	1,387	42	22.9	3.1	1,488	34	21.2	1.9
Bio, Chem, Phys	811	11	23.7	4.2	405	12	24.8	5.0	406	9	22.6	3.3
Gen Sci ² , Bio, Chem	2,598	34	20.1	0.6	965	29	20.4	0.6	1,631	38	19.9	0.6
Other comb of 3 years of Natural Science	127	2	20.4	0.9	71	2	20.8	1.0	56	1	19.8	0.5
Less than 3 years of Natural Science	1,137	15	19.5	-	422	13	19.8	-	715	17	19.3	-
Zero years / no Natural Science courses reported	55	1	20.1	-	24	1	20.6	-	31	1	19.8	-

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: 7,604

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	1,405	18	20.7	69	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	5,986	79	20.5	68	1,178,400	71	20.5	67
Less than 4 years of English	159	2	17.7	47	64,748	4	16.5	41
Zero years / no English courses reported	54	1	19.5	59	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	639	8	24.8	75	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	991	13	21.7	56	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	714	9	19.9	36	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	1,314	17	18.6	22	279,658	17	19.9	36
Other comb of 4 or more years of Math	2,746	36	23.5	65	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	705	9	17.4	13	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	290	4	20.6	39	82,509	5	19.9	35
Less than 3 years of Math	149	2	17.4	16	69,741	4	16.6	8
Zero years / no Math courses reported	56	1	19.6	36	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	359	5	21.8	56	47,179	3	22.3	59
Other comb of 4 or more years Social Science	2,173	29	22.0	56	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	2,337	31	21.2	52	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	2,309	30	21.9	57	452,172	27	21.2	51
Less than 3 years of Social Science	375	5	20.8	49	149,266	9	19.7	40
Zero years / no Social Science courses reported	51	1	21.0	55	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	2,876	38	22.0	38	740,499	44	21.9	39
Bio, Chem, Phys	811	11	23.7	51	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	2,598	34	20.1	20	466,992	28	20.0	22
Other comb of 3 years of Natural Science	127	2	20.4	17	45,992	3	19.5	20
Less than 3 years of Natural Science	1,137	15	19.5	18	194,661	12	18.4	13
Zero years / no Natural Science courses reported	55	1	20.1	24	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: 7,604

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	71	1	20.7	7	3	16.1	61	1	21.4
Architecture	115	2	20.4	1	0	14.0	108	2	20.6
Area, Ethnic, & Multidisciplinary Studies	13	0	20.9	0	0	.	13	0	20.9
Arts: Visual & Performing	516	7	20.5	23	10	17.3	458	7	20.8
Business	736	10	20.6	35	15	16.8	651	10	20.7
Communications	171	2	21.4	5	2	15.8	155	2	21.6
Community, Family, & Personal Services	168	2	18.2	11	5	17.3	151	2	18.3
Computer Science & Mathematics	166	2	23.3	4	2	17.8	154	2	23.5
Education	322	4	20.7	7	3	17.4	295	4	20.8
Engineering	576	8	24.0	11	5	17.4	530	8	24.2
Engineering Technology & Drafting	113	1	20.2	10	4	17.2	99	1	20.5
English & Foreign Languages	109	1	24.1	3	1	20.3	97	1	24.1
Health Administration & Assisting	315	4	18.7	19	8	17.4	277	4	18.9
Health Sciences & Technologies	1,466	19	21.1	27	11	17.7	1,377	20	21.2
Philosophy, Religion, & Theology	26	0	21.9	0	0	.	25	0	22.0
Repair, Production, & Construction	45	1	18.3	17	7	17.9	24	0	19.0
Sciences: Biological & Physical	530	7	23.2	4	2	16.8	503	7	23.3
Social Sciences & Law	767	10	21.2	14	6	18.2	708	10	21.3
Undecided	1,241	16	21.3	35	15	17.9	1,057	16	21.4
No Response	138	2	19.3	4	2	16.5	38	1	20.1

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: 7,604

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	49	17.4	6	14.2	4	16.8	19	19.6	14	16.1
2-yr College Degree	188	17.4	11	14.2	10	14.2	84	19.0	64	16.1
Bachelors Degree	3,532	20.1	308	17.0	33	18.3	1,715	21.5	945	18.5
Graduate Study	1,198	23.2	66	19.7	11	21.3	699	24.3	211	20.9
Prof. Level Degree	2,051	22.8	156	19.0	19	19.7	918	24.4	506	20.5
Other	105	17.9	10	14.0	3	14.7	39	19.5	32	17.1
No Response	481	21.1	40	17.3	7	20.4	210	22.7	114	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	49	17.4	1	18.0	2	15.0	1	20.0	2	16.5
2-yr College Degree	188	17.4	5	18.6	2	18.0	10	19.6	2	15.5
Bachelors Degree	3,532	20.1	160	20.4	41	19.4	226	20.8	104	20.3
Graduate Study	1,198	23.2	73	24.1	10	18.2	72	22.4	56	23.2
Prof. Level Degree	2,051	22.8	192	24.0	23	21.7	137	22.9	100	24.3
Other	105	17.9	3	15.7	1	13.0	8	18.5	9	20.1
No Response	481	21.1	30	22.5	6	21.3	26	21.1	48	21.5

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

Total Students in Report: 7,604

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 NEVADA-RENO	Nevada	1,898	903	995	2	9	29	32	19	8	1	
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	1,518	565	953	3	13	33	32	16	4	0	
NEVADA STATE GEAR UP	Nevada	834	475	359	3	18	34	28	13	5	0	
COLLEGE OF SOUTHERN NEVADA	Nevada	647	187	460	5	19	37	26	10	1	0	
BRIGHAM YOUNG UNIVERSITY	Utah	358	232	126	0	2	8	28	36	23	2	
SOUTHERN UTAH UNIVERSITY	Utah	299	80	219	1	6	27	31	25	10	0	
TRUCKEE MEADOWS COMMUNITY COLLEGE	Nevada	287	86	201	5	15	37	30	11	1	0	
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	259	62	197	0	3	12	34	31	18	2	
NEVADA STATE COLLEGE	Nevada	223	36	187	6	22	37	27	7	1	0	
NCAA ELIGIBILITY CENTER	Indiana	177	111	66	3	19	29	20	21	8	1	
ARIZONA STATE UNIVERSITY	Arizona	176	41	135	2	5	27	30	26	11	1	
UNIVERSITY OF UTAH	Utah	164	28	136	0	7	17	34	22	20	1	
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	157	33	124	1	11	20	29	24	15	0	
DIXIE STATE COLLEGE OF UTAH	Utah	146	47	99	5	14	42	23	13	3	1	
UNIVERSITY OF SOUTHERN CALIFORNIA	California	142	38	104	1	11	20	24	21	18	5	
STANFORD UNIVERSITY	California	138	43	95	0	0	7	15	33	32	13	
UNIVERSITY OF OREGON	Oregon	135	33	102	1	5	20	30	30	13	1	
NORTHERN ARIZONA UNIVERSITY	Arizona	134	29	105	1	5	33	22	30	10	0	
BOISE STATE UNIVERSITY	Idaho	131	38	93	0	8	29	34	21	8	0	
UTAH STATE UNIVERSITY	Utah	124	26	98	0	3	15	31	35	15	2	
SAN DIEGO STATE UNIVERSITY	California	116	25	91	1	9	26	29	28	7	0	
UNIVERSITY OF SAN DIEGO	California	109	34	75	0	6	14	25	37	19	0	
UNIVERSITY OF ARIZONA	Arizona	100	19	81	0	10	28	32	21	8	1	
UNIVERSITY OF CALIFORNIA-BERKELEY	California	94	21	73	0	2	13	29	28	21	7	
OREGON STATE UNIVERSITY	Oregon	92	22	70	1	7	20	35	25	12	1	
GREAT BASIN COLLEGE	Nevada	90	36	54	0	20	40	30	7	3	0	
UNIVERSITY OF WASHINGTON	Washington	88	24	64	0	0	18	19	39	23	1	
WESTERN NEVADA COMMUNITY COLLEGE	Nevada	81	21	60	2	12	36	37	9	4	0	
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	66	13	53	0	6	15	27	38	12	2	
UNIVERSITY OF CALIFORNIA-DAVIS	California	61	11	50	0	3	18	16	48	11	3	
All Other Institutions		4,403	1,107	3,296	2	8	22	27	24	15	3	
Total		13,247	4,426	8,821	2	10	26	29	21	11	1	

Section V

Optional Writing Test Results

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

Total Students in Report: 7,604

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	4,230	931,148	21.5	21.5	6.8	7.1	20.5	20.7
Black/African American	323	113,247	17.6	16.6	6.2	6.2	17.1	16.4
American Indian/Alaska Native	33	5,233	19.1	17.8	6.5	6.5	18.5	17.5
White	2,041	518,974	23.4	23.2	7.0	7.2	22.1	22.1
Hispanic/Latino	1,002	150,249	18.5	18.5	6.5	6.8	18.0	18.3
Asian	316	53,381	22.2	23.7	7.2	7.6	21.4	22.8
Native Hawaiian/Other Pac. Isl.	53	2,851	18.8	19.9	7.0	7.1	18.7	19.6
Two or more races	276	32,346	21.8	21.9	6.7	7.1	20.7	21.1
Prefer not/No Response	186	54,867	22.9	21.8	7.0	7.1	21.7	21.0
Males	1,723	413,617	21.6	21.2	6.7	6.8	20.5	20.3
Females	2,507	515,745	21.4	21.7	6.9	7.2	20.5	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.

