

# ACT Profile Report - State

Graduating Class 2010  
Nevada



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This report provides information about the performance of your 2010 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 2010 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: 6,656

**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](http://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](http://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:** 6,656 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY:** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 80% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 2% of the cohort took less than three years of math courses. Of these students, 14% were college ready. 9% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 11% 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 14% of the cohort took less than three years of natural science courses. 16% 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 41% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://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.

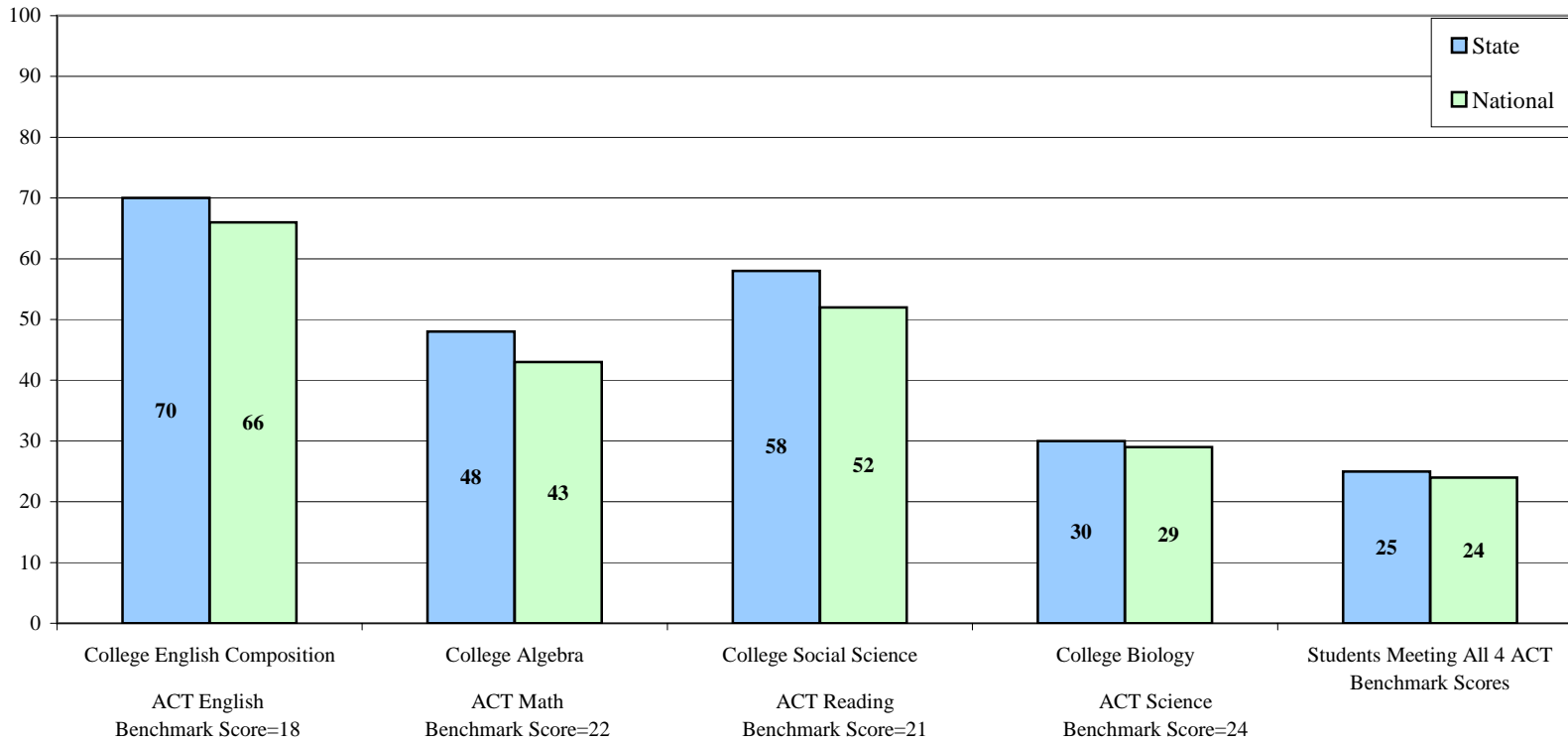
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

# Section I

## Executive Summary

Total Students in Report: 6,656

**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: 6,656

**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
2006	4,935	1,206,455	72	69	46	42	58	53	27	27	22	21
2007	5,562	1,300,599	71	69	45	43	56	53	28	28	22	23
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
<b>2010</b>	<b>6,656</b>	<b>1,568,835</b>	<b>70</b>	<b>66</b>	<b>48</b>	<b>43</b>	<b>58</b>	<b>52</b>	<b>30</b>	<b>29</b>	<b>25</b>	<b>24</b>

**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
2006	4,935	1,206,455	20.8	20.6	21.5	20.8	22.0	21.4	21.2	20.9	21.5	21.1
2007	5,562	1,300,599	20.8	20.7	21.4	21.0	22.0	21.5	21.2	21.0	21.5	21.2
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
<b>2010</b>	<b>6,656</b>	<b>1,568,835</b>	<b>20.8</b>	<b>20.5</b>	<b>21.5</b>	<b>21.0</b>	<b>22.0</b>	<b>21.3</b>	<b>21.3</b>	<b>20.9</b>	<b>21.5</b>	<b>21.0</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
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
<b>2010</b>	<b>1,568,835</b>	<b>20.5</b>	<b>21.0</b>	<b>21.3</b>	<b>20.9</b>	<b>21.0</b>

Total Students in Report: 6,656

**Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation**

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	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
2006	2,570	1,783	52	36	21.6	19.9	22.3	20.4	22.6	21.3	21.8	20.4	22.2	20.6
2007	2,803	1,927	50	35	21.6	19.8	22.2	20.4	22.7	21.2	21.9	20.5	22.2	20.6
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
<b>2010</b>	<b>5,325</b>	<b>1,262</b>	<b>80</b>	<b>19</b>	<b>21.3</b>	<b>19.1</b>	<b>21.9</b>	<b>19.8</b>	<b>22.3</b>	<b>20.5</b>	<b>21.7</b>	<b>19.9</b>	<b>21.9</b>	<b>20.0</b>

<sup>1</sup>"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.

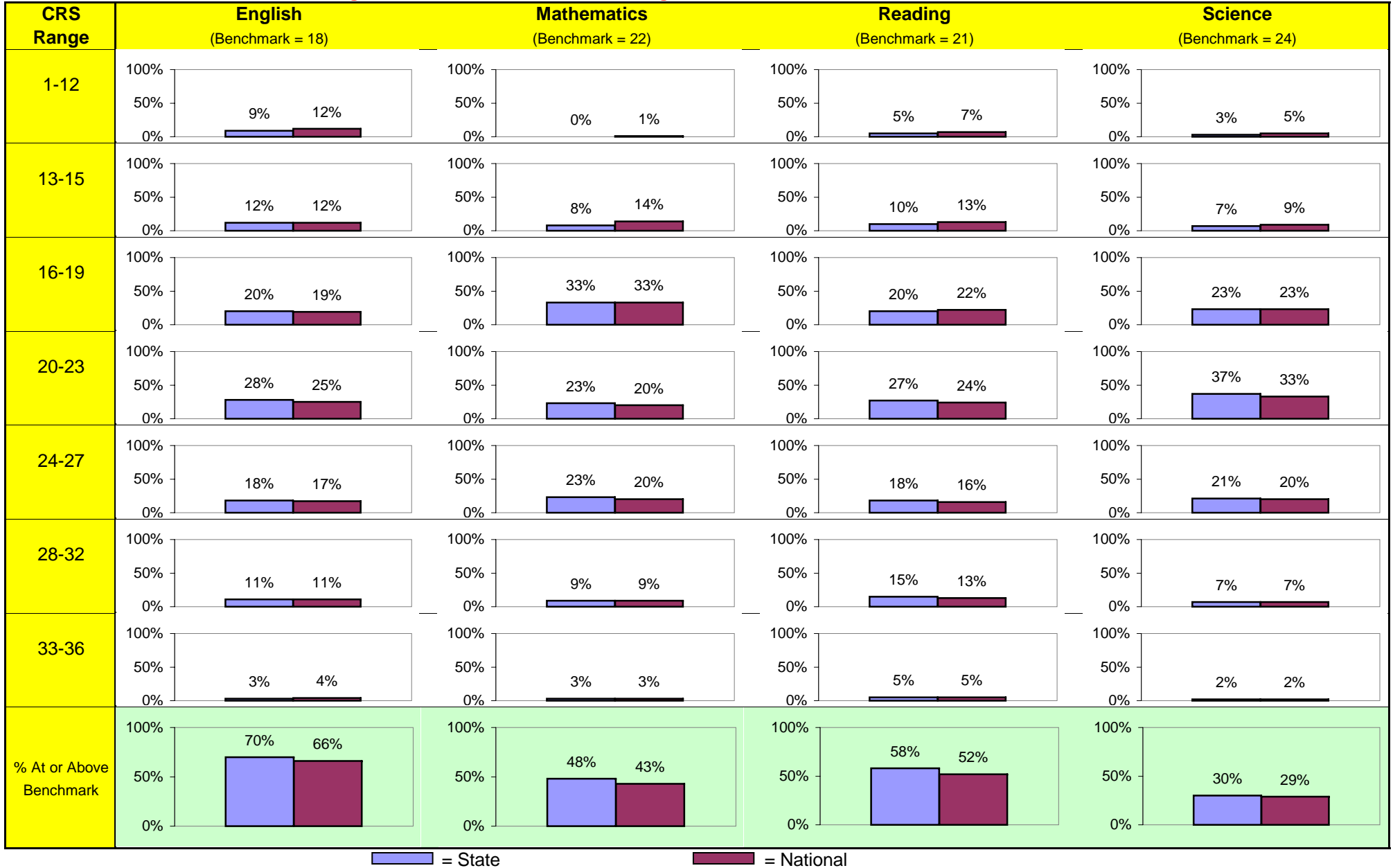
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>4,935</b>	<b>100</b>	<b>21.5</b>	<b>5,562</b>	<b>100</b>	<b>21.5</b>	<b>6,295</b>	<b>100</b>	<b>21.3</b>	<b>6,396</b>	<b>100</b>	<b>21.5</b>	<b>6,656</b>	<b>100</b>	<b>21.5</b>
African American/Black	244	5	17.9	308	6	17.8	461	7	17.5	521	8	17.9	580	9	18.0
American Indian/Alaska Native	86	2	18.6	91	2	17.9	85	1	20.3	95	1	18.7	100	2	19.8
Caucasian American/White	2,841	58	22.2	2,916	52	22.3	3,399	54	22.4	3,643	57	22.6	3,579	54	22.7
Hispanic	453	9	19.5	661	12	19.4	979	16	18.6	1,021	16	19.2	1,117	17	19.4
Asian American/Pacific Islander	360	7	22.1	433	8	21.8	572	9	21.6	579	9	22.1	666	10	22.0
Other/No Response	951	19	21.3	1,153	21	21.8	799	13	22.1	537	8	21.3	614	9	21.6

Total Students in Report: 6,656

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





# Section II

# Academic Achievement

Total Students in Report: 6,656

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages**

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	12	100	12	100	32	100	13	100	2	100	36
35	62	100	42	100	45	100	35	100	11	100	35
34	57	99	67	99	118	99	30	99	30	100	34
33	71	98	77	98	110	97	45	99	43	99	33
32	79	97	61	97	123	95	25	98	79	99	32
31	114	96	75	96	192	94	57	98	88	98	31
30	158	94	154	95	229	91	89	97	129	96	30
29	162	92	145	93	249	87	123	96	180	94	29
28	228	89	197	90	231	84	161	94	240	92	28
27	182	86	290	88	236	80	232	91	286	88	27
26	321	83	307	83	279	76	269	88	339	84	26
25	310	78	431	79	339	72	445	84	398	79	25
24	381	74	493	72	332	67	470	77	446	73	24
23	392	68	437	65	376	62	592	70	459	66	23
22	468	62	384	58	528	57	557	61	487	59	22
21	536	55	328	52	422	49	616	53	529	52	21
20	476	47	375	47	471	42	673	44	510	44	20
19	375	40	409	42	361	35	517	33	496	36	19
18	267	34	460	36	274	30	517	26	424	29	18
17	307	30	669	29	397	26	281	18	406	22	17
16	351	26	680	19	322	20	235	14	331	16	16
15	369	20	371	8	249	15	203	10	308	11	15
14	246	15	138	3	284	11	148	7	215	7	14
13	163	11	32	1	154	7	115	5	127	3	13
12	138	9	13	1	150	5	79	3	57	1	12
11	154	6	7	1	94	2	77	2	27	1	11
10	110	4	2	1	29	1	33	1	7	1	10
9	102	3	0	1	14	1	7	1	1	1	9
8	40	1	0	1	8	1	6	1	0	1	8
7	12	1	0	1	7	1	1	1	1	1	7
6	7	1	0	1	0	1	3	1	0	1	6
5	4	1	0	1	0	1	2	1	0	1	5
4	2	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
<b>Avg (SD)</b>	20.8 (5.9)		21.5 (5.0)		22.0 (5.9)		21.3 (4.6)		21.5 (4.8)		<b>Avg (SD)</b>

<sup>1</sup>CP 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: 6,656

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subtest Score Averages**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		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	223	100	68	100	149	100	194	100	293	100	65	100	46	100	18
17	225	97	29	99	262	98	478	97	336	96	64	99	44	99	17
16	263	93	295	99	447	94	425	90	368	91	221	98	181	99	16
15	426	89	481	94	491	87	606	84	479	85	233	95	378	96	15
14	364	83	456	87	438	80	401	74	478	78	596	91	570	90	14
13	437	77	626	80	435	73	611	68	470	71	683	82	703	82	13
12	508	71	870	71	721	67	569	59	674	64	766	72	653	71	12
11	589	63	800	58	618	56	723	51	631	53	978	61	792	61	11
10	882	54	674	46	687	46	562	40	699	44	887	46	1,027	49	10
9	644	41	796	35	809	36	448	31	568	33	1,024	32	746	34	9
8	495	31	594	23	536	24	458	25	771	25	549	17	728	23	8
7	532	24	380	15	530	16	359	18	579	13	287	9	280	12	7
6	406	16	179	9	280	8	395	12	220	5	92	5	242	8	6
5	299	10	183	6	129	4	268	6	52	1	129	3	123	4	5
4	208	5	153	3	60	2	105	2	29	1	22	1	52	2	4
3	115	2	62	1	44	1	37	1	8	1	45	1	47	1	3
2	33	1	10	1	14	1	15	1	1	1	0	1	38	1	2
1	7	1	0	1	6	1	2	1	0	1	15	1	6	1	1
Avg (SD)	10.4 (3.8)		10.7 (3.1)		11.1 (3.4)		11.4 (3.7)		11.4 (3.4)		10.9 (2.8)		10.7 (2.9)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	25	26	24	25
Q2 (50th Percentile)	21	21	22	21	21
Q1 (25th Percentile)	16	17	17	18	18

Total Students in Report: 6,656

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>6,656</b>	<b>80</b>	<b>21.9</b>	<b>20.0</b>
	African American/Black	580	82	18.3	17.1
	American Indian/Alaska Native	100	61	20.7	18.6
	Caucasian American/White	3,579	80	23.2	20.8
	Hispanic	1,117	78	19.7	18.3
	Asian American/Pacific Islander	666	85	22.2	21.0
	Other/No Response	614	81	21.9	20.1
National	<b>All Students</b>	<b>1,568,835</b>	<b>71</b>	<b>22.0</b>	<b>18.9</b>
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

<sup>1</sup>"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/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	20.8	21.5	22.0	21.3	21.5
	African American/Black	17.0	17.9	18.3	18.5	18.0
	American Indian/Alaska Native	18.5	19.5	20.4	20.1	19.8
	Caucasian American/White	22.3	22.5	23.3	22.3	22.7
	Hispanic	18.1	19.6	19.7	19.6	19.4
	Asian American/Pacific Islander	21.1	22.8	21.8	21.9	22.0
	Other/No Response	21.1	21.4	22.2	21.3	21.6
National	<b>All Students</b>	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6



Total Students in Report: 6,656

**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	202	3	198	3	305	5	123	2
	28 to 32	741	11	632	9	1,024	15	455	7
	24 to 27	1,194	18	1,521	23	1,186	18	1,416	21
	20 to 23	1,872	28	1,524	23	1,797	27	2,438	37
	16 to 19	1,300	20	2,218	33	1,354	20	1,550	23
	13 to 15	778	12	541	8	687	10	466	7
	01 to 12	569	9	22	0	303	5	208	3
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	2,887	43	20.7	22.5	22.1	22.1	22.0
	Females	3,768	57	20.9	20.7	21.9	20.7	21.2
	Missing	1	0	8.0	14.0	12.0	8.0	11.0
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	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	69	56	58	38	31
	Females	70	41	57	24	20
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 6,656

**Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	5,325	73	21.3	51	21.9	60	22.3	33	21.7	27	21.9
	Less than Core	1,262	58	19.1	33	19.8	47	20.5	19	19.9	15	20.0
	Missing <sup>3</sup>	69	57	18.4	25	18.8	48	19.8	12	19.0	12	19.1
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> 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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	6,515	70	20.9	6,457	49	21.6	6,317	58	22.0	5,626	33	21.7
	Less than Core	83	52	17.5	133	14	17.3	278	52	21.4	965	16	19.5
	Missing <sup>3</sup>	58	64	19.2	66	24	18.9	61	52	20.3	65	12	19.2
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "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.

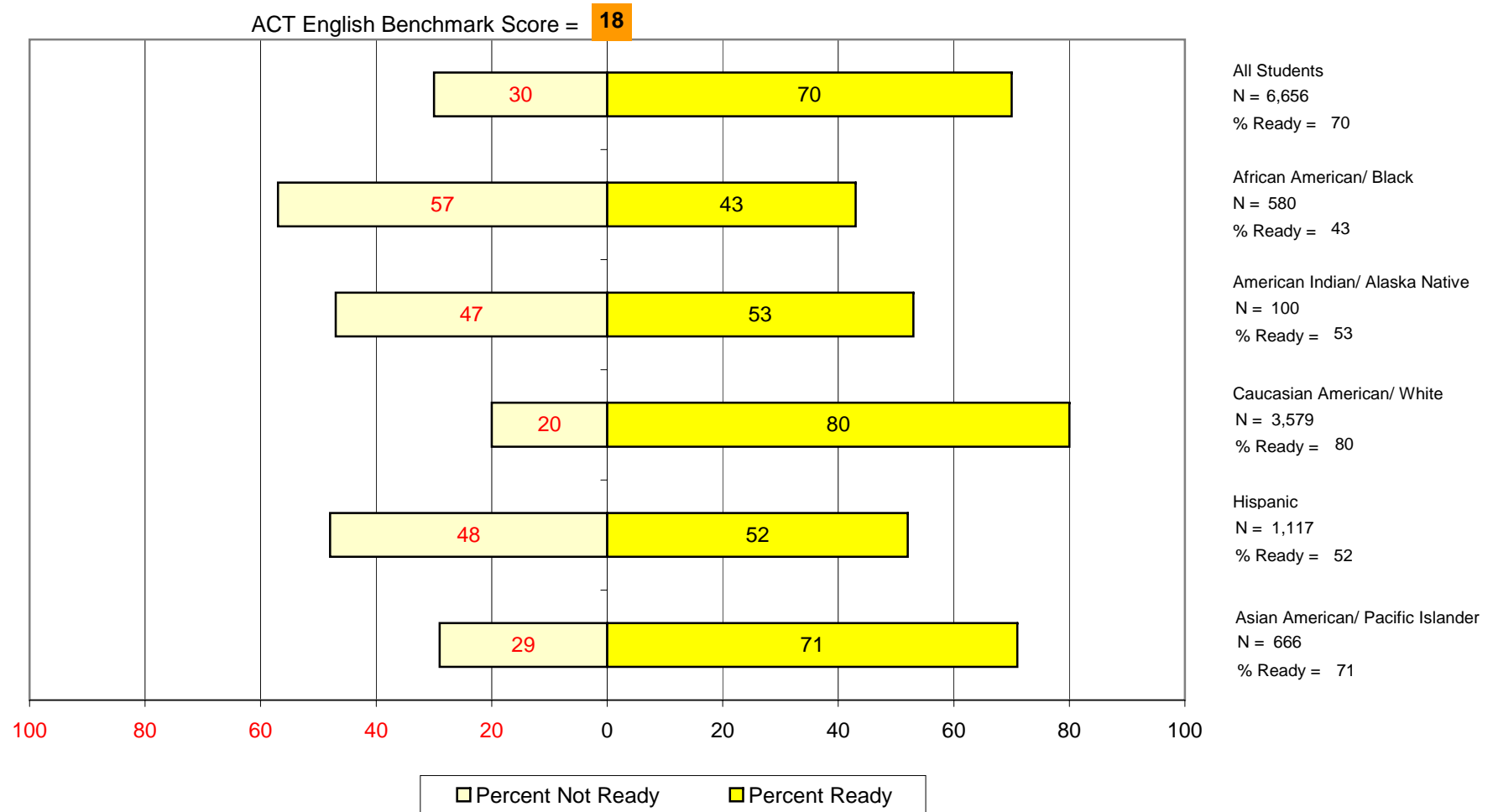
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

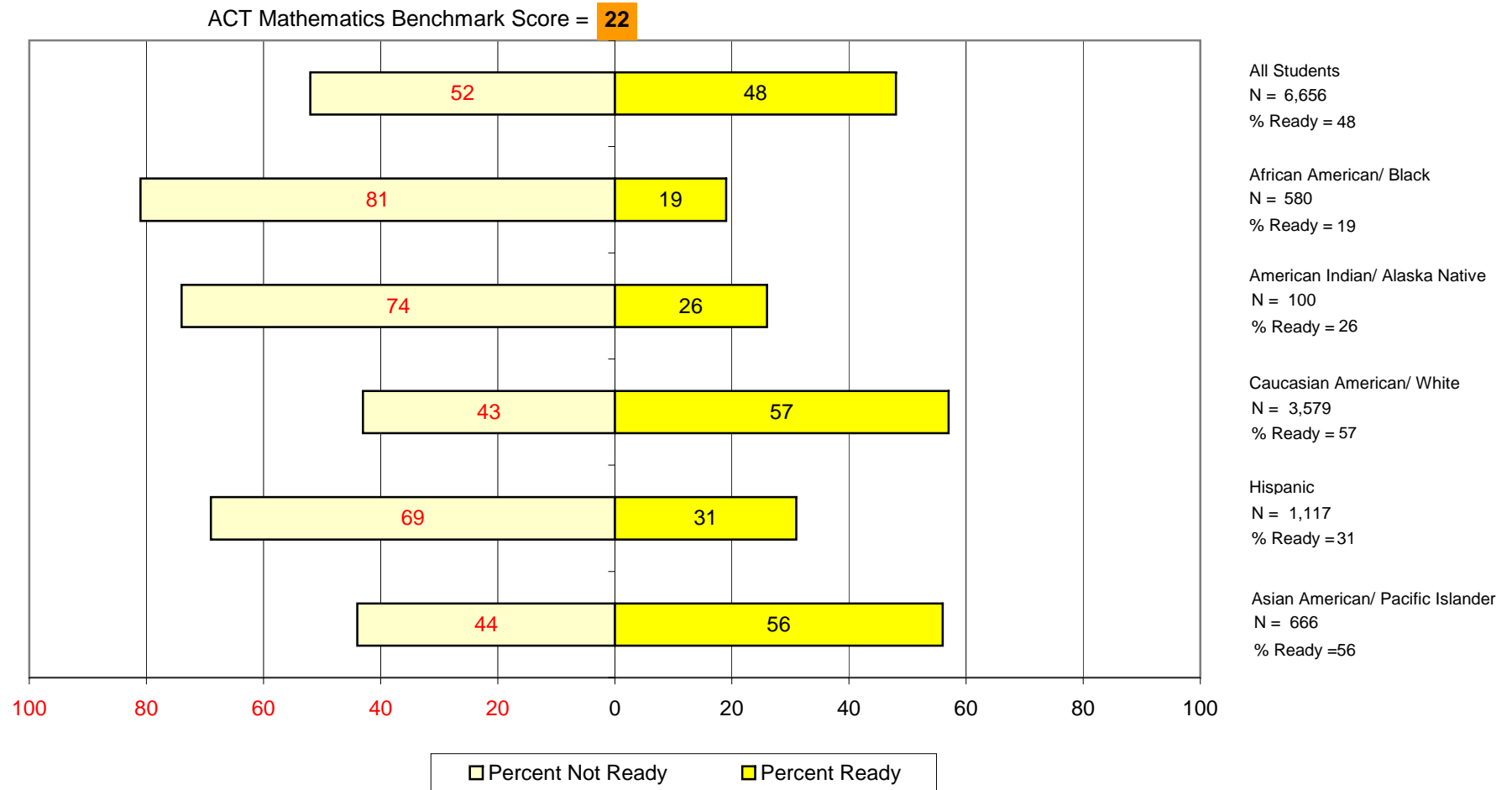
Total Students in Report: 6,656

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



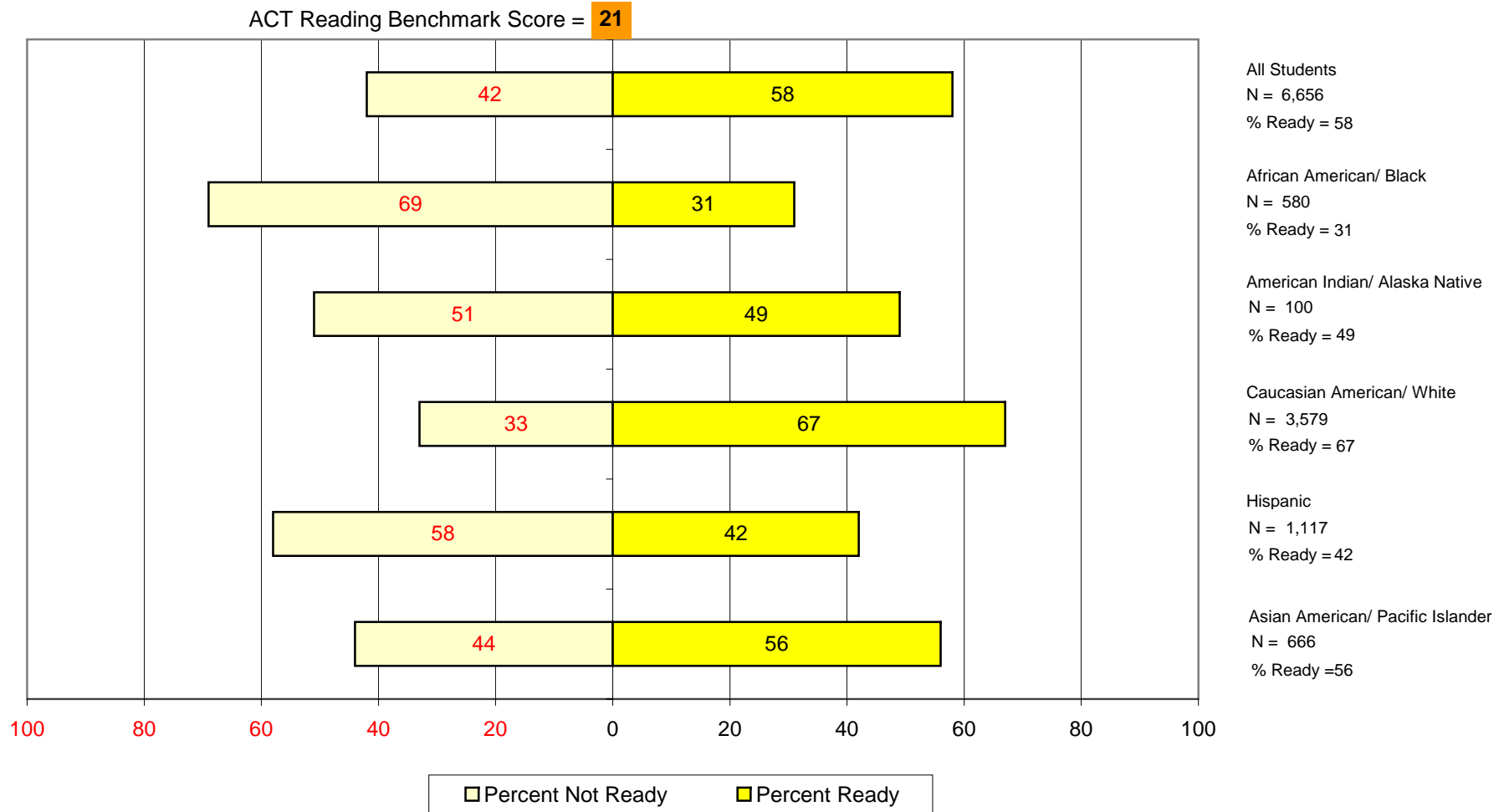
Total Students in Report: 6,656

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



Total Students in Report: 6,656

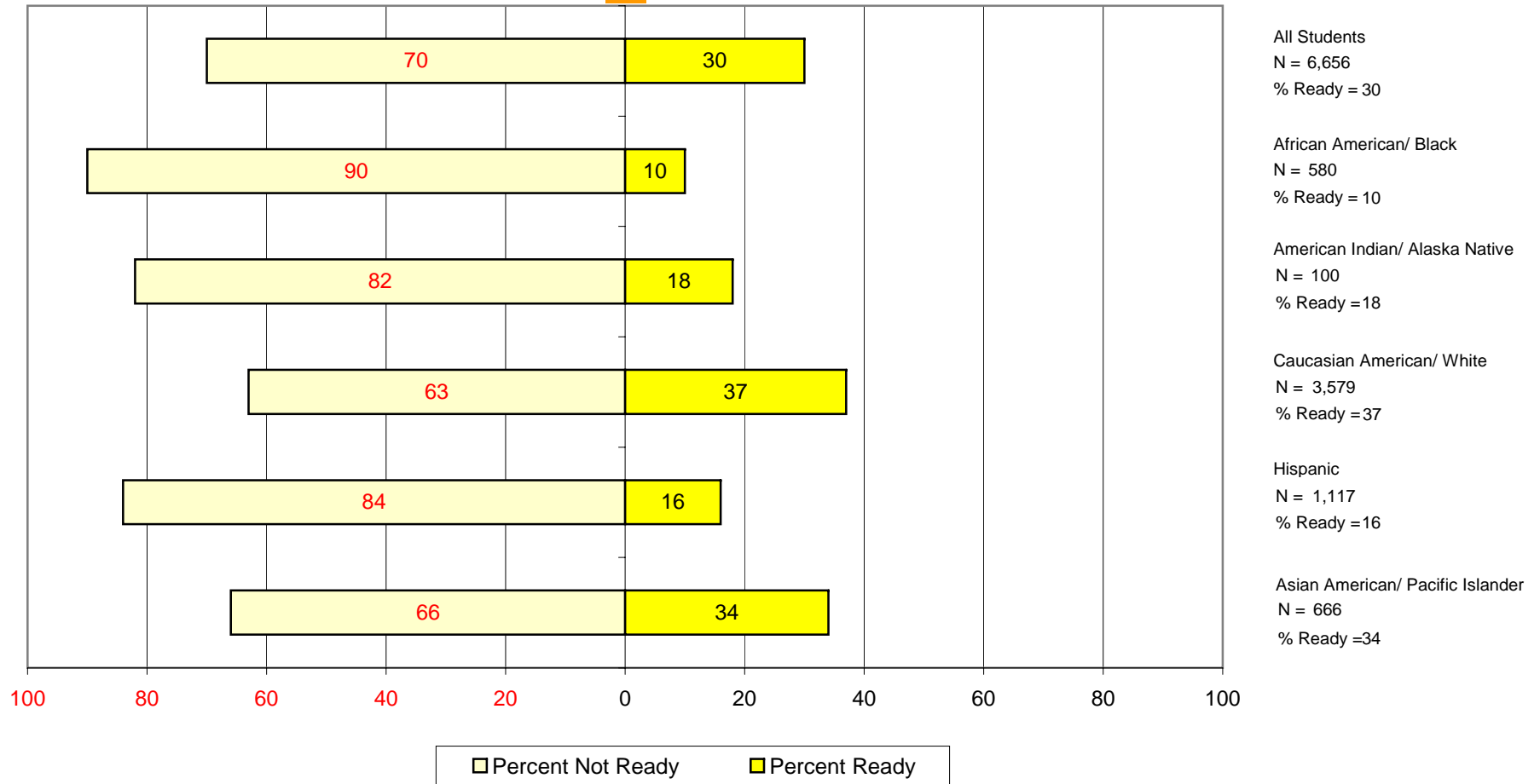
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 6,656

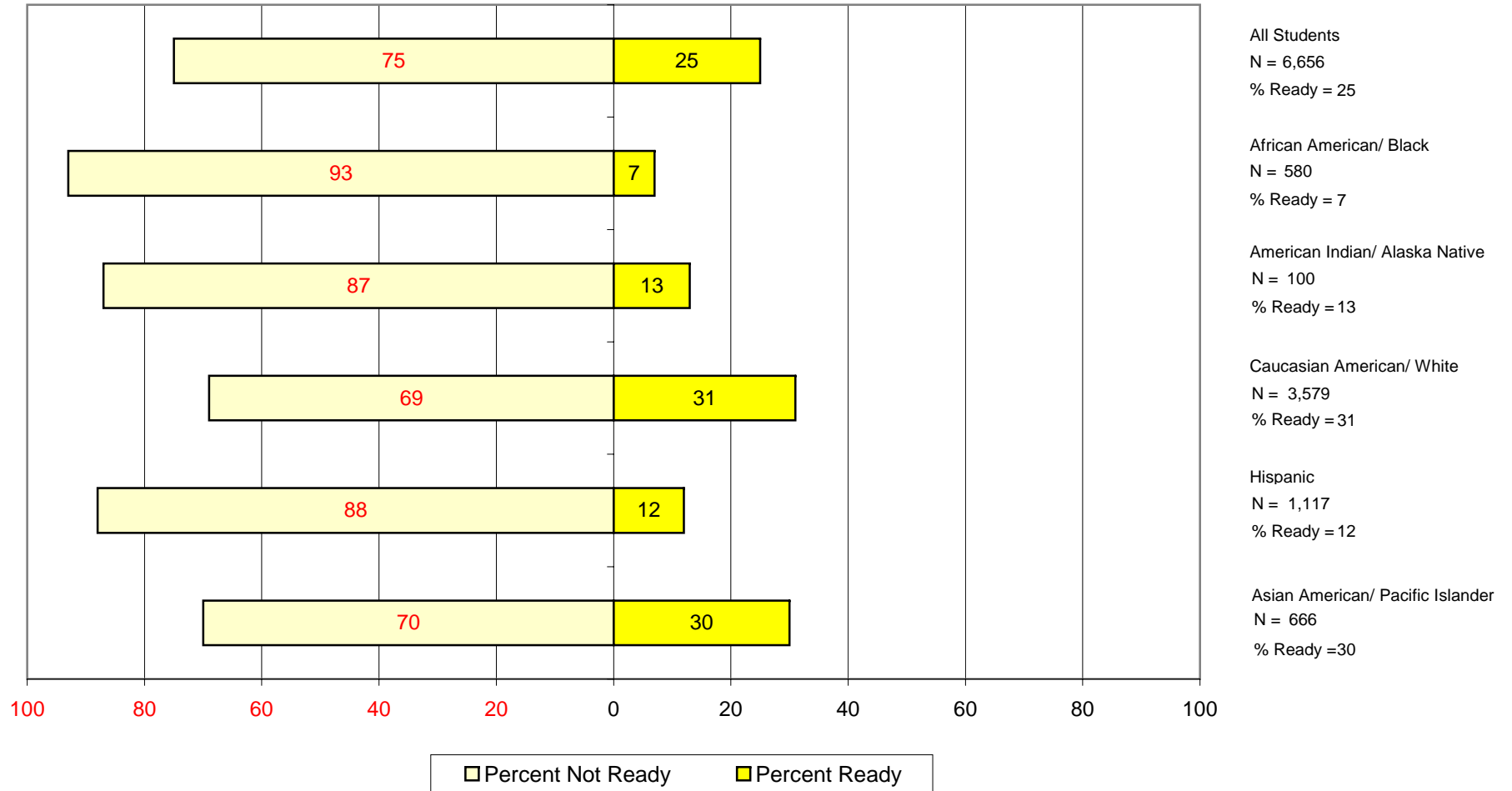
**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE**

ACT Science Benchmark Score = **24**



Total Students in Report: 6,656

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 6,656

**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 <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,433	22	20.8	3.3	563	20	20.5	4.2	870	23	21.1	2.6
Eng 9, Eng 10, Eng 11, Eng 12	5,082	76	20.9	3.4	2,249	78	20.9	4.6	2,832	75	20.9	2.4
Less than 4 years of English	83	1	17.5	-	39	1	16.3	-	44	1	18.5	-
Zero years / no English courses reported	58	1	19.2	-	36	1	19.4	-	22	1	19.0	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	522	8	24.8	7.5	231	8	26.2	8.9	291	8	23.7	6.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	879	13	22.0	4.7	325	11	23.0	5.7	554	15	21.3	4.0
Alg 1, Alg 2, Geom, & Trig	613	9	20.3	3.0	251	9	20.9	3.6	362	10	19.9	2.6
Alg 1, Alg 2, Geom, & Other Adv Math	1,176	18	18.9	1.6	441	15	19.3	2.0	735	20	18.7	1.4
Other comb of 4 or more years of Math	2,421	36	23.6	6.3	1,191	41	24.6	7.3	1,230	33	22.6	5.3
Alg 1, Alg 2, & Geom	591	9	17.5	0.2	224	8	18.2	0.9	367	10	17.1	-0.2
Other comb of 3 or 3.5 years of Math	255	4	20.5	3.2	122	4	20.7	3.4	133	4	20.2	2.9
Less than 3 years of Math	133	2	17.3	-	61	2	17.3	-	71	2	17.3	-
Zero years / no Math courses reported	66	1	18.9	-	41	1	19.3	-	25	1	18.4	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	287	4	22.9	1.5	136	5	22.1	1.3	151	4	23.5	1.4
Other comb of 4 or more years Social Science	1,947	29	22.4	1.0	790	27	22.7	1.9	1,157	31	22.3	0.2
US Hist, World Hist, & Am Gov	2,142	32	21.5	0.1	973	34	21.7	0.9	1,169	31	21.4	-0.7
Other comb of 3 or 3.5 years of Social Science	1,941	29	22.0	0.6	821	28	22.3	1.5	1,119	30	21.7	-0.4
Less than 3 years of Social Science	278	4	21.4	-	130	5	20.8	-	148	4	22.1	-
Zero years / no Social Science courses reported	61	1	20.3	-	37	1	19.8	-	24	1	21.0	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	2,535	38	22.3	2.8	1,229	43	23.2	3.7	1,306	35	21.4	1.9
Bio, Chem, Phys	638	10	23.9	4.4	324	11	24.8	5.3	314	8	23.0	3.5
Gen Sci <sup>2</sup> , Bio, Chem	2,338	35	20.5	1.0	876	30	21.0	1.5	1,462	39	20.2	0.7
Other comb of 3 years of Natural Science	115	2	19.8	0.3	64	2	20.2	0.7	50	1	19.6	0.1
Less than 3 years of Natural Science	965	14	19.5	-	354	12	19.5	-	611	16	19.5	-
Zero years / no Natural Science courses reported	65	1	19.2	-	40	1	19.4	-	25	1	19.0	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

<sup>2</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 6,656

**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
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,433	22	20.8	69	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	5,082	76	20.9	71	1,096,437	70	20.5	66
Less than 4 years of English	83	1	17.5	52	74,180	5	16.4	39
Zero years / no English courses reported	58	1	19.2	64	43,106	3	15.7	34
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	522	8	24.8	75	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	879	13	22.0	57	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	613	9	20.3	39	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	1,176	18	18.9	24	239,289	15	20.0	36
Other comb of 4 or more years of Math	2,421	36	23.6	64	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	591	9	17.5	11	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	255	4	20.5	38	74,720	5	19.9	35
Less than 3 years of Math	133	2	17.3	14	97,949	6	16.4	7
Zero years / no Math courses reported	66	1	18.9	24	47,380	3	17.5	16
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	287	4	22.9	61	47,523	3	22.6	60
Other comb of 4 or more years Social Science	1,947	29	22.4	61	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	2,142	32	21.5	54	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	1,941	29	22.0	59	439,520	28	21.2	51
Less than 3 years of Social Science	278	4	21.4	52	156,679	10	19.5	39
Zero years / no Social Science courses reported	61	1	20.3	52	45,555	3	17.3	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	2,535	38	22.3	38	620,765	40	22.2	40
Bio, Chem, Phys	638	10	23.9	54	152,001	10	23.2	48
Gen Sci <sup>1</sup> , Bio, Chem	2,338	35	20.5	22	474,375	30	20.1	21
Other comb of 3 years of Natural Science	115	2	19.8	23	43,231	3	19.7	21
Less than 3 years of Natural Science	965	14	19.5	16	231,566	15	18.3	12
Zero years / no Natural Science courses reported	65	1	19.2	12	46,897	3	17.4	10

<sup>1</sup>Includes General, Physical and Earth Sciences.

# Section IV

## Career and Educational Aspirations

Total Students in Report: 6,656

**Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans**

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture Sciences & Technologies	53	1	20.6	3	2	25.7	47	1	20.5
Architecture & Environmental Design	151	2	21.5	0	0	.	139	2	21.6
Business & Management	637	10	20.6	15	8	18.5	584	10	20.7
Business & Office	52	1	18.8	1	1	23.0	46	1	18.5
Marketing & Distribution	43	1	19.3	3	2	16.7	39	1	19.5
Communications & Comm. Technologies	164	2	21.7	3	2	22.3	156	3	21.8
Community & Personal Services	168	3	19.1	8	4	17.6	150	3	19.4
Computer & Information Sciences	112	2	23.1	5	3	18.0	97	2	23.4
Cross-Disciplinary Studies	15	0	23.3	0	0	.	15	0	23.3
Education	218	3	20.9	5	3	19.4	201	3	20.9
Teacher Education	127	2	20.2	1	1	20.0	118	2	20.3
Engineering	313	5	24.6	3	2	17.7	294	5	24.9
Engineering-Related Technologies	228	3	22.7	6	3	16.5	210	4	22.8
Foreign Languages	43	1	22.8	1	1	19.0	39	1	23.0
Health Sciences & Allied Health Fields	1,416	21	21.0	45	25	18.2	1,297	22	21.1
Human, Family & Consumer Science	73	1	18.9	7	4	18.1	65	1	19.0
Letters	62	1	24.4	0	0	.	57	1	24.9
Mathematics	54	1	24.2	2	1	21.0	46	1	23.9
Philosophy, Religion & Theology	24	0	22.0	0	0	.	22	0	22.4
Sciences (Biological & Physical)	534	8	23.2	6	3	18.5	506	8	23.4
Social Sciences	528	8	22.2	4	2	19.0	503	8	22.3
Trade & Industrial	50	1	18.5	17	9	17.0	29	0	19.7
Visual & Performing Arts	413	6	21.0	14	8	16.9	367	6	21.2
Undecided	1,108	17	21.5	30	16	17.5	921	15	21.7
No Response	70	1	18.7	3	2	20.0	16	0	19.9

<sup>1</sup>2-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.

<sup>2</sup>Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 6,656

**Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations**

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/Black		American Indian/Alaska Native		Caucasian American/White		Hispanic		Asian American/Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	33	18.6	3	16.7	3	19.0	22	18.6	4	19.8	1	19.0	0	.
2-yr College Degree	149	18.0	13	15.4	6	18.3	72	18.9	37	17.0	8	18.6	13	18.5
Bachelors Degree	2,516	20.3	208	16.7	49	18.8	1,457	21.4	396	18.5	207	20.4	199	20.1
Graduate Study	1,164	23.0	85	19.1	14	21.4	721	24.1	127	21.2	116	22.5	101	22.1
Prof. Level Degree	2,284	22.6	230	19.2	24	22.3	1,054	24.1	458	20.2	277	23.4	241	22.9
Other	190	19.1	15	16.3	2	15.5	89	20.3	39	16.9	23	18.7	22	20.8
No Response	320	21.3	26	16.9	2	14.5	164	23.2	56	18.1	34	21.6	38	21.3

Total Students in Report: 6,656

**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	1,574	790	784	1	7	24	32	25	11	1	
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	1,371	649	722	1	11	27	33	21	6	1	
COMMUNITY COLLEGE OF SOUTHERN NEVADA	Nevada	424	141	283	4	15	38	29	11	3	0	
BRIGHAM YOUNG UNIVERSITY	Utah	294	201	93	0	0	11	25	36	23	5	
SOUTHERN UTAH UNIVERSITY	Utah	246	68	178	1	7	29	32	21	10	1	
TRUCKEE MEADOWS COMMUNITY COLLEGE	Nevada	216	55	161	1	11	40	30	14	3	0	
NCAA ELIGIBILITY CENTER	Indiana	203	125	78	1	15	27	30	16	9	0	
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	200	49	151	0	1	19	31	32	17	1	
ARIZONA STATE UNIVERSITY	Arizona	187	43	144	1	13	17	35	22	11	1	
UNIVERSITY OF SOUTHERN CALIFORNIA	California	179	41	138	1	5	18	21	31	23	1	
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	160	24	136	0	5	18	26	33	16	2	
NORTHERN ARIZONA UNIVERSITY	Arizona	153	30	123	1	5	19	35	29	9	2	
UNIVERSITY OF UTAH	Utah	145	25	120	0	3	17	27	30	21	1	
UNIVERSITY OF ARIZONA	Arizona	141	25	116	0	11	19	22	32	15	1	
NEVADA STATE COLLEGE	Nevada	138	26	112	4	20	39	28	7	2	0	
STANFORD UNIVERSITY	California	133	33	100	0	0	7	18	27	41	8	
UNIVERSITY OF WASHINGTON	Washington	127	29	98	0	4	6	29	37	23	1	
BOISE STATE UNIVERSITY	Idaho	120	36	84	1	9	25	30	23	10	2	
DIXIE STATE COLLEGE OF UTAH	Utah	120	35	85	3	12	36	36	13	1	0	
SAN DIEGO STATE UNIVERSITY	California	118	29	89	0	9	25	37	21	7	0	
UNIVERSITY OF OREGON	Oregon	111	26	85	0	3	16	35	23	22	1	
UNIVERSITY OF SAN DIEGO	California	105	11	94	0	2	23	27	31	17	0	
OREGON STATE UNIVERSITY	Oregon	100	17	83	0	3	19	28	35	13	2	
UNIVERSITY OF CALIFORNIA-BERKELEY	California	95	13	82	0	2	6	19	40	27	5	
GREAT BASIN COLLEGE	Nevada	82	34	48	4	15	33	26	22	1	0	
WESTERN NEVADA COMMUNITY COLLEGE	Nevada	78	16	62	1	9	33	37	14	5	0	
UTAH STATE UNIVERSITY	Utah	76	15	61	0	3	12	36	26	22	1	
UTAH VALLEY UNIVERSITY	Utah	62	10	52	2	2	26	32	31	8	0	
PEPPERDINE UNIVERSITY	California	58	13	45	0	7	9	24	41	17	2	
UNIVERSITY OF CALIFORNIA-DAVIS	California	58	17	41	0	2	7	28	38	24	2	
All Other Institutions		4,283	1,093	3,190	1	7	20	28	27	15	2	
<b>Total</b>		<b>11,357</b>	<b>3,719</b>	<b>7,638</b>	<b>1</b>	<b>8</b>	<b>22</b>	<b>30</b>	<b>25</b>	<b>13</b>	<b>1</b>	

# Section V Optional Writing Test Results

Total Students in Report: 6,656

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing**

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
<b>All Students</b>	<b>3,870</b>	<b>869,014</b>	<b>21.7</b>	<b>21.4</b>	<b>6.9</b>	<b>7.1</b>	<b>20.7</b>	<b>20.8</b>
African American/Black	350	107,638	17.7	16.4	6.1	6.4	17.1	16.4
American Indian/Alaska Native	43	6,232	19.6	18.9	6.2	6.6	18.5	18.4
Caucasian American/White	2,031	518,004	23.2	23.0	7.0	7.3	21.9	22.1
Hispanic	645	101,126	18.6	18.1	6.6	6.9	18.2	18.1
Asian American/Pacific Islander	436	49,922	22.1	23.6	7.2	7.7	21.3	22.9
Other/No Response	365	86,092	22.1	21.0	7.0	7.1	21.1	20.4
Males	1,611	384,152	21.6	21.1	6.7	6.9	20.5	20.3
Females	2,259	484,023	21.8	21.7	7.0	7.3	20.9	21.2
Missing	0	839	.	16.8	.	6.3	.	16.6





