

# ACT Profile Report - State

Graduating Class 2009  
Hawaii





## Table of Contents

<p><b>Section I: Executive Summary</b></p> <ul style="list-style-type: none"> <li>Percent of Your Students Ready for College-Level Coursework</li> <li>Five Year Trends—Percent of Students Meeting College Readiness Benchmarks</li> <li>Five Year Trends—Average ACT Scores</li> <li>Five Year Trends—Average ACT Scores by Level of Preparation</li> <li>Five Year Trends—Percent and Average Composite Score by Race/Ethnicity</li> </ul>	<p><b>Page 5</b></p>
<p><b>Section II: Academic Achievement</b></p> <ul style="list-style-type: none"> <li>ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values</li> <li>Average ACT Composite Scores for Race/Ethnicity by Level of Preparation</li> <li>Average ACT Scores by Race/Ethnicity</li> <li>Percent of Students in College Readiness Standards Score Ranges</li> <li>Average ACT Scores by Gender</li> <li>Percent of Students Meeting College Readiness Benchmark Scores by Gender</li> <li>College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum</li> <li>College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum</li> </ul>	<p><b>Page 9</b></p>
<p><b>Section III: College Readiness &amp; Impact of Course Rigor</b></p> <ul style="list-style-type: none"> <li>Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity</li> <li>Average ACT Scores and Average ACT Score Changes by Common Course Patterns</li> <li>College Readiness Percents by Common Course Patterns</li> </ul>	<p><b>Page 15</b></p>
<p><b>Section IV: Career and Educational Aspirations</b></p> <ul style="list-style-type: none"> <li>Distribution of Planned Educational Majors for All Students by College Plans</li> <li>Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations</li> <li>Students' Score Report Preferences at Time of Testing</li> </ul>	<p><b>Page 23</b></p>
<p><b>Section V: Optional Writing Test Results</b></p> <ul style="list-style-type: none"> <li>Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing</li> </ul>	<p><b>Page 27</b></p>

This report provides information about the performance of your 2009 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 2009 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.

Further, 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: 3,115

**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.

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

24% 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:** 3,115 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. 74% 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 4% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 17% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 13% of these students were college ready. In comparison, 61% of the students who advanced beyond minimum math core 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 5% of the cohort took less than three years of natural science courses. 11% of these students were college ready. In comparison, 29% 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 40% 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.

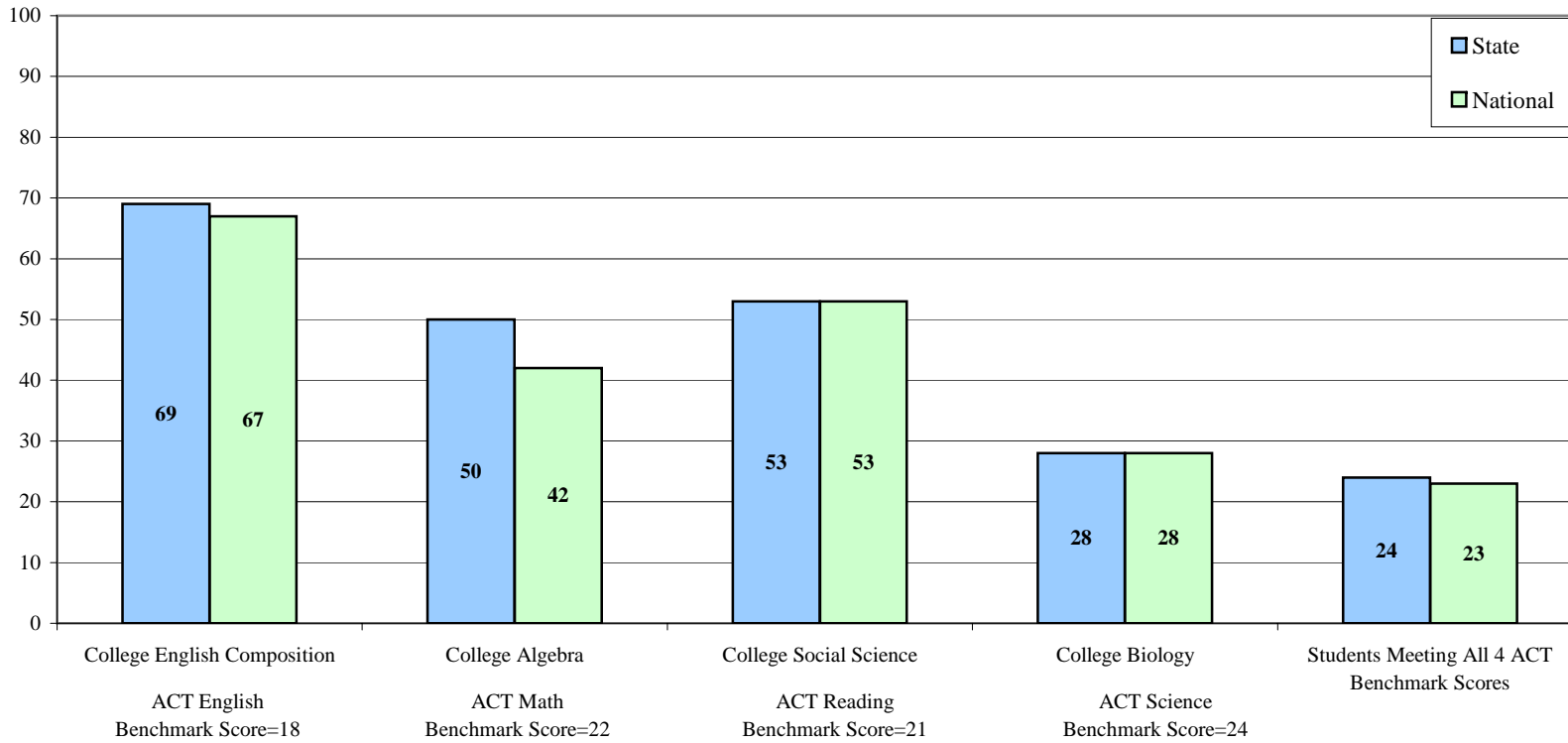
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

# Section I

## Executive Summary

Total Students in Report: 3,115

**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: 3,115

**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
2005	2,109	1,186,251	71	68	56	41	54	51	33	26	28	21
2006	2,260	1,206,455	73	69	55	42	56	53	31	27	26	21
2007	2,589	1,300,599	75	69	57	43	57	53	35	28	30	23
2008	3,182	1,421,941	69	68	52	43	53	53	31	28	26	22
<b>2009</b>	<b>3,115</b>	<b>1,480,469</b>	<b>69</b>	<b>67</b>	<b>50</b>	<b>42</b>	<b>53</b>	<b>53</b>	<b>28</b>	<b>28</b>	<b>24</b>	<b>23</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
2005	2,109	1,186,251	21.0	20.4	22.7	20.7	21.9	21.3	21.6	20.9	21.9	20.9
2006	2,260	1,206,455	21.2	20.6	22.7	20.8	21.9	21.4	21.5	20.9	21.9	21.1
2007	2,589	1,300,599	21.6	20.7	22.9	21.0	22.2	21.5	21.9	21.0	22.3	21.2
2008	3,182	1,421,941	20.8	20.6	22.3	21.0	21.6	21.4	21.2	20.8	21.6	21.1
<b>2009</b>	<b>3,115</b>	<b>1,480,469</b>	<b>20.9</b>	<b>20.6</b>	<b>22.1</b>	<b>21.0</b>	<b>21.4</b>	<b>21.4</b>	<b>21.0</b>	<b>20.9</b>	<b>21.5</b>	<b>21.1</b>

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

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
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
<b>2009</b>	<b>1,480,469</b>	<b>20.6</b>	<b>21.0</b>	<b>21.4</b>	<b>20.9</b>	<b>21.1</b>

Total Students in Report: 3,115

**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
2005	1,234	623	59	30	21.2	20.5	23.0	22.1	21.9	21.6	21.7	21.0	22.1	21.4
2006	1,249	698	55	31	21.5	20.6	22.8	22.5	22.3	21.3	21.5	21.4	22.1	21.6
2007	1,319	837	51	32	21.7	21.4	23.1	22.6	22.2	22.1	22.1	21.6	22.4	22.0
2008	1,978	729	62	23	21.0	20.5	22.5	22.1	21.8	21.3	21.3	20.8	21.8	21.3
<b>2009</b>	<b>2,309</b>	<b>708</b>	<b>74</b>	<b>23</b>	<b>21.3</b>	<b>19.7</b>	<b>22.5</b>	<b>20.6</b>	<b>21.8</b>	<b>20.3</b>	<b>21.3</b>	<b>19.9</b>	<b>21.9</b>	<b>20.3</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**

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>2,109</b>	<b>100</b>	<b>21.9</b>	<b>2,260</b>	<b>100</b>	<b>21.9</b>	<b>2,589</b>	<b>100</b>	<b>22.3</b>	<b>3,182</b>	<b>100</b>	<b>21.6</b>	<b>3,115</b>	<b>100</b>	<b>21.5</b>
African American/Black	31	1	19.7	32	1	18.9	36	1	18.3	58	2	18.3	72	2	18.2
American Indian/Alaska Native	7	0	19.7	6	0	23.2	11	0	20.8	14	0	22.8	12	0	21.1
Caucasian American/White	303	14	23.0	333	15	22.7	307	12	23.6	408	13	22.6	416	13	23.1
Hispanic	39	2	21.9	35	2	20.1	50	2	20.3	66	2	20.6	77	2	20.7
Asian American/Pacific Islander	1,214	58	21.8	1,270	56	21.8	1,334	52	22.1	1,812	57	21.4	1,955	63	21.4
Other/No Response	515	24	21.7	584	26	22.0	851	33	22.4	824	26	22.0	583	19	21.0

# Section II

# Academic Achievement

Total Students in Report: 3,115

**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	10	100	19	100	24	100	11	100	0	100	36
35	34	100	36	99	15	99	8	100	3	100	35
34	47	99	48	98	57	99	21	99	22	100	34
33	44	97	62	97	75	97	18	99	33	99	33
32	41	96	48	95	56	95	10	98	46	98	32
31	38	94	48	93	89	93	34	98	51	97	31
30	77	93	61	92	89	90	46	97	83	95	30
29	55	91	112	90	85	87	53	95	85	92	29
28	105	89	112	86	88	84	71	94	108	90	28
27	85	86	145	82	103	81	81	91	120	86	27
26	132	83	200	78	105	78	137	89	145	82	26
25	187	79	166	71	95	75	212	84	160	78	25
24	142	73	202	66	173	72	176	77	192	73	24
23	158	68	162	60	179	66	283	72	220	66	23
22	214	63	138	54	180	60	233	63	199	59	22
21	252	56	153	50	250	55	253	55	201	53	21
20	192	48	175	45	166	47	299	47	254	46	20
19	195	42	172	39	236	41	280	38	221	38	19
18	142	36	221	34	139	34	221	29	226	31	18
17	153	31	247	27	183	29	133	21	204	24	17
16	184	26	273	19	194	23	125	17	145	17	16
15	178	20	192	10	121	17	105	13	165	13	15
14	96	14	85	4	133	13	87	10	106	7	14
13	98	11	22	1	109	9	94	7	66	4	13
12	76	8	12	1	72	5	37	4	38	2	12
11	71	6	2	1	65	3	45	3	18	1	11
10	55	3	1	1	12	1	20	1	3	1	10
9	29	2	0	1	10	1	14	1	0	1	9
8	13	1	1	1	4	1	3	1	1	1	8
7	10	1	0	1	4	1	1	1	0	1	7
6	1	1	0	1	1	1	4	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	2	1	0	1	0	1	4
3	1	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
Avg (SD)	20.9 (6.0)		22.1 (5.6)		21.4 (6.1)		21.0 (4.9)		21.5 (5.1)		Avg (SD)

<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: 3,115

**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	120	100	31	100	92	100	133	100	180	100	64	100	78	100	18
17	127	96	37	99	123	97	120	96	225	94	46	98	15	97	17
16	129	92	145	98	158	93	240	92	165	87	135	96	146	97	16
15	175	88	196	93	178	88	261	84	224	82	123	92	210	92	15
14	165	82	225	87	153	82	267	76	218	75	341	88	315	86	14
13	180	77	242	80	229	77	121	67	216	68	238	77	368	75	13
12	247	71	412	72	305	70	260	63	334	61	385	70	250	64	12
11	284	63	312	59	273	60	285	55	256	50	295	57	421	56	11
10	374	54	389	49	333	51	265	46	278	42	571	48	346	42	10
9	360	42	332	36	427	41	232	37	211	33	350	29	331	31	9
8	225	31	285	25	294	27	295	30	341	26	267	18	281	20	8
7	247	23	201	16	275	18	192	20	299	15	135	10	81	11	7
6	213	15	109	10	155	9	169	14	115	5	54	5	112	9	6
5	138	9	99	6	53	4	157	9	28	2	63	4	63	5	5
4	85	4	77	3	21	2	62	4	16	1	21	2	39	3	4
3	34	1	22	1	24	1	39	2	8	1	17	1	43	2	3
2	11	1	0	1	18	1	15	1	1	1	7	1	7	1	2
1	1	1	1	1	4	1	2	1	0	1	3	1	9	1	1
Avg (SD)	10.5 (3.7)		10.7 (3.2)		10.8 (3.5)		11.0 (3.9)		11.6 (3.6)		11.0 (3.0)		11.1 (3.2)		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	26	26	24	25
Q2 (50th Percentile)	21	22	21	21	21
Q1 (25th Percentile)	16	17	17	18	18

Total Students in Report: 3,115

**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>3,115</b>	<b>74</b>	<b>21.9</b>	<b>20.3</b>
	African American/Black	72	61	19.0	16.8
	American Indian/Alaska Native	12	67	20.1	19.5
	Caucasian American/White	416	74	23.4	21.8
	Hispanic	77	71	21.3	18.8
	Asian American/Pacific Islander	1,955	77	21.7	20.6
	Other/No Response	583	67	21.7	19.4
National	<b>All Students</b>	<b>1,480,469</b>	<b>70</b>	<b>22.0</b>	<b>19.1</b>
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

<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>	20.9	22.1	21.4	21.0	21.5
	African American/Black	17.8	18.0	18.3	17.9	18.2
	American Indian/Alaska Native	20.6	19.8	23.8	20.1	21.1
	Caucasian American/White	23.1	22.6	24.0	22.2	23.1
	Hispanic	20.6	20.7	21.0	20.2	20.7
	Asian American/Pacific Islander	20.6	22.4	21.1	21.1	21.4
	Other/No Response	20.5	21.5	21.2	20.4	21.0
National	<b>All Students</b>	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 3,115

**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	135	4	165	5	171	5	58	2
	28 to 32	316	10	381	12	407	13	214	7
	24 to 27	546	18	713	23	476	15	606	19
	20 to 23	816	26	628	20	775	25	1,068	34
	16 to 19	674	22	913	29	752	24	759	24
	13 to 15	372	12	299	10	363	12	286	9
	01 to 12	256	8	16	1	171	5	124	4
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	1,320	42	20.5	22.8	21.4	21.5	21.7
	Females	1,773	57	21.2	21.6	21.5	20.6	21.4
	Missing	22	1	18.0	19.3	17.7	19.6	18.8
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

**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	67	55	53	34	29
	Females	71	47	54	24	21
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 3,115

**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>3</sup>	Avg
State	Core or More <sup>2</sup>	2,309	73	21.3	54	22.5	56	21.8	30	21.3	26	21.9
	Less than Core	708	58	19.7	37	20.6	46	20.3	24	19.9	19	20.3
	Missing	98	64	20.5	54	22.4	44	20.8	28	21.0	21	21.3
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

<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>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	2,919	70	21.0	2,885	52	22.3	2,536	54	21.6	2,864	29	21.1
	Less than Core	105	55	18.1	139	9	16.7	486	51	20.9	157	11	18.2
	Missing	91	63	20.5	91	57	22.5	93	42	20.8	94	29	21.1
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

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.

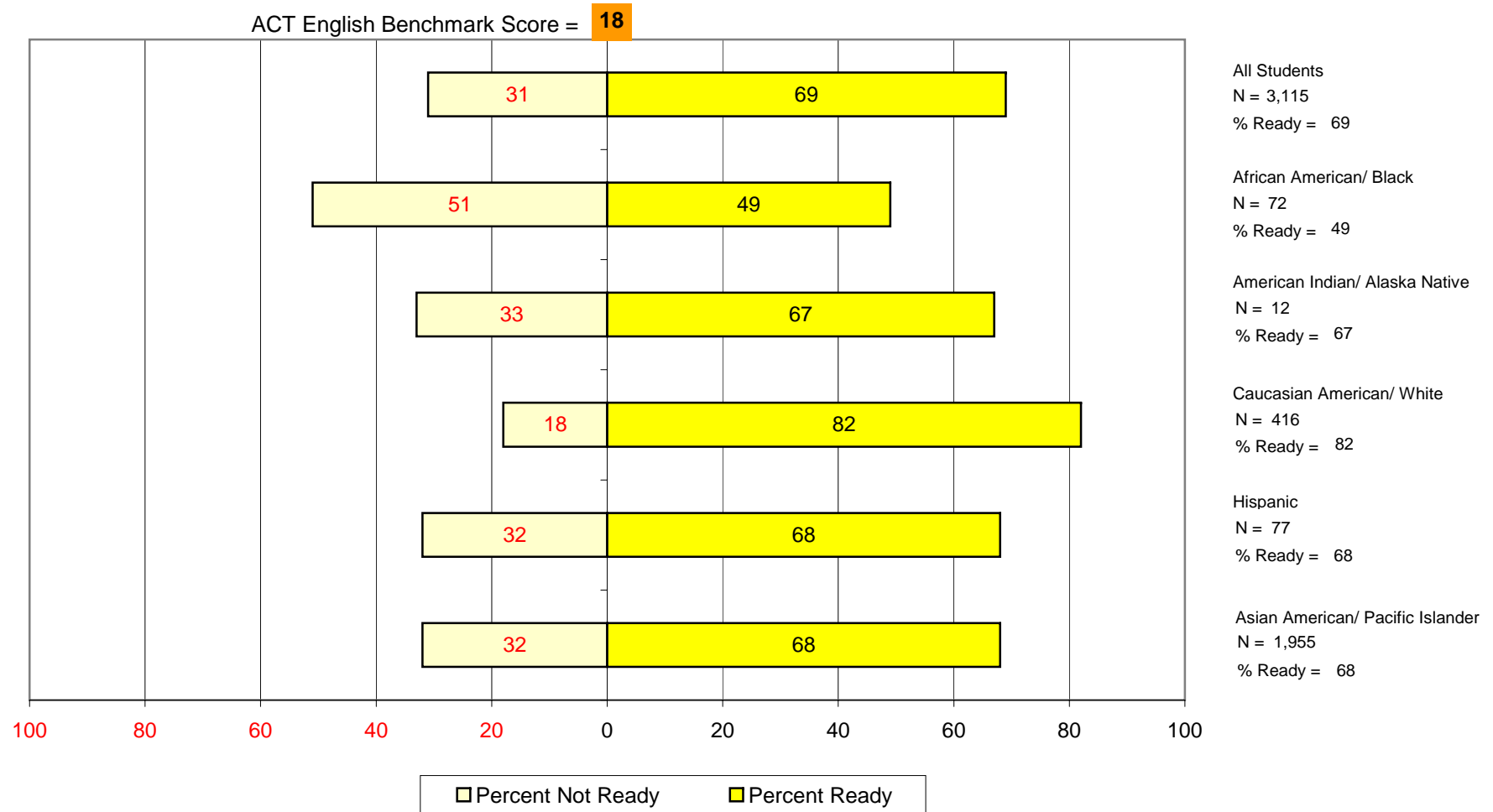


# Section III

## College Readiness and the Impact of Course Rigor

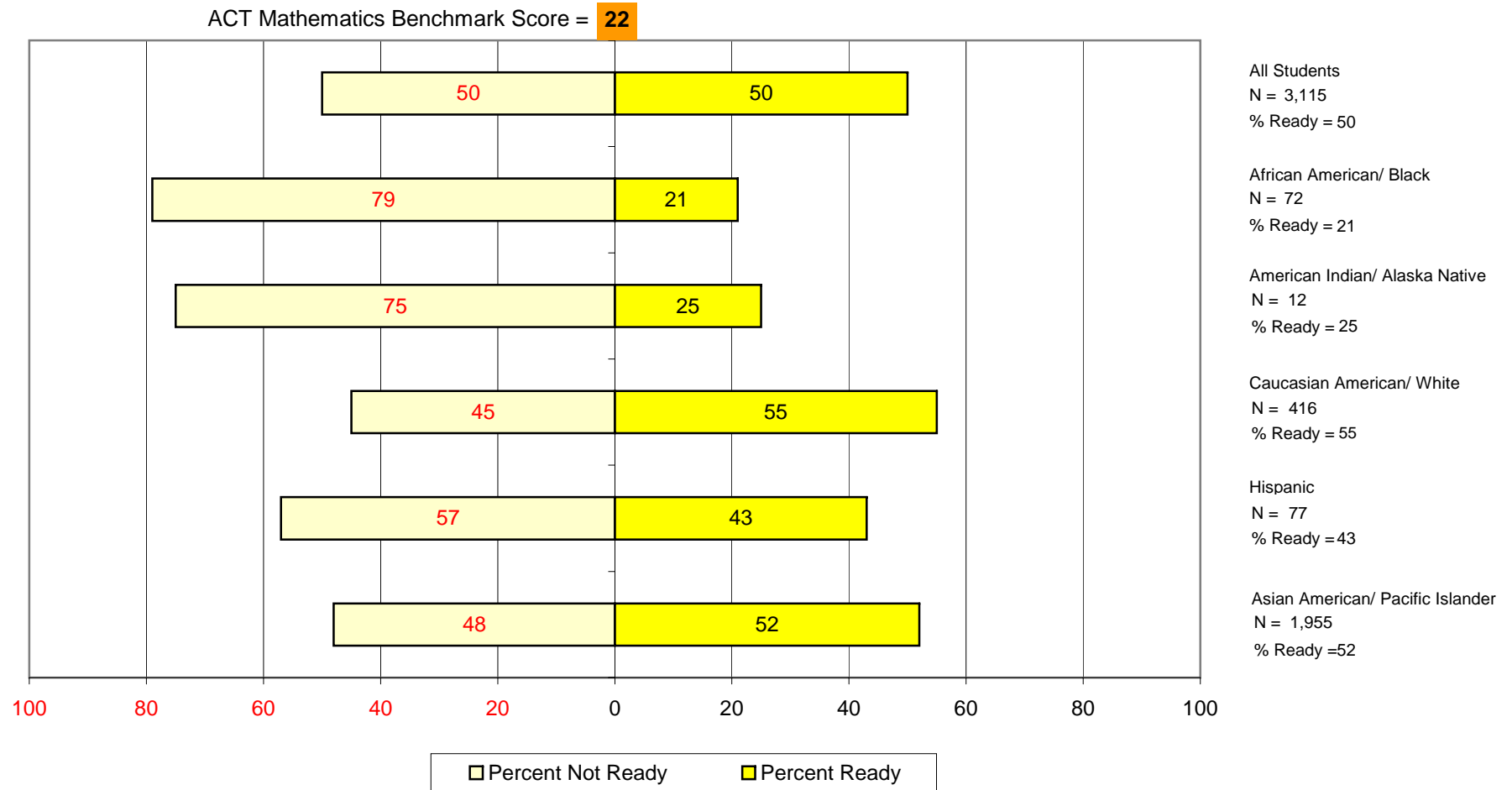
Total Students in Report: 3,115

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



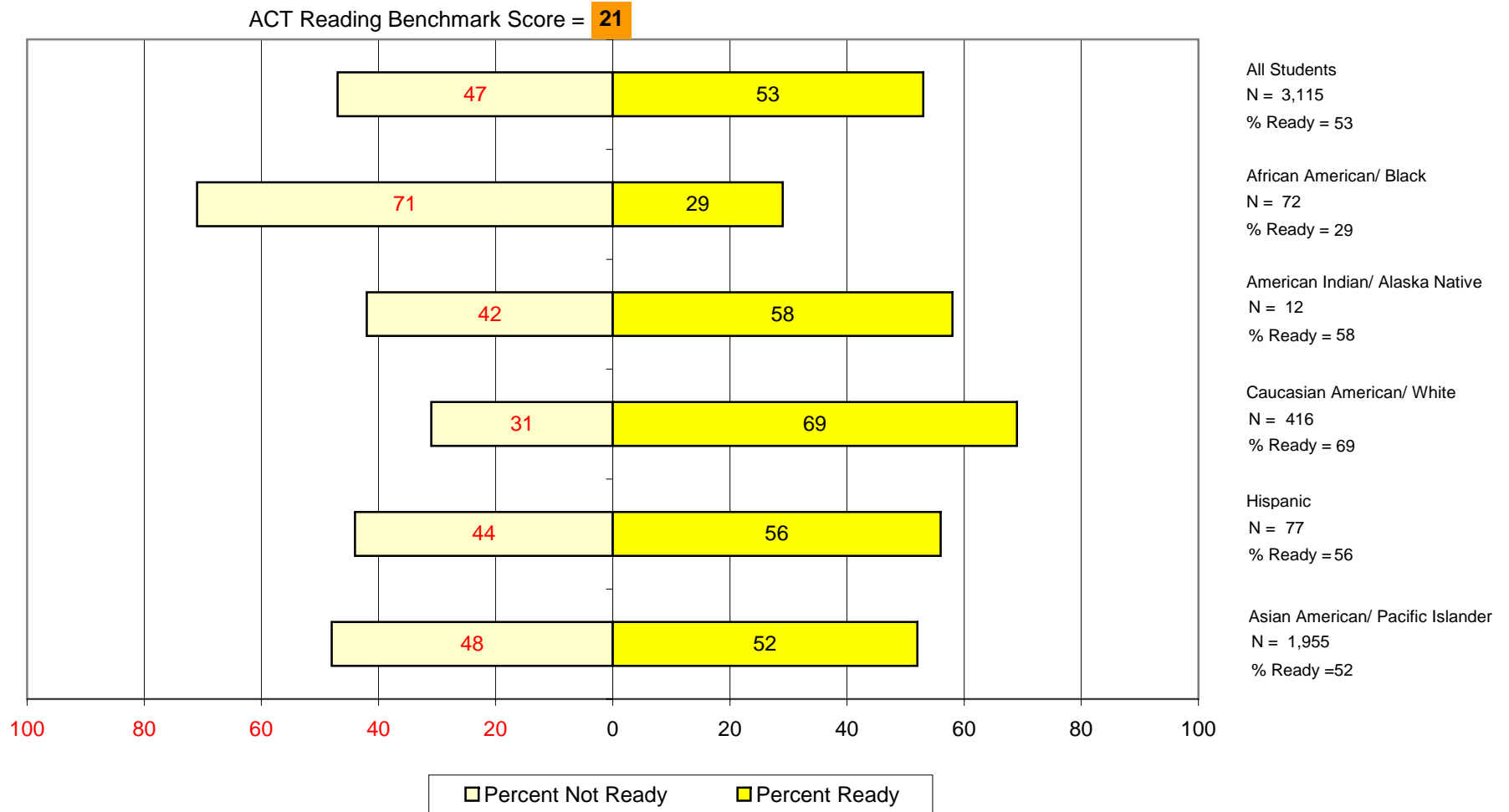
Total Students in Report: 3,115

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



Total Students in Report: 3,115

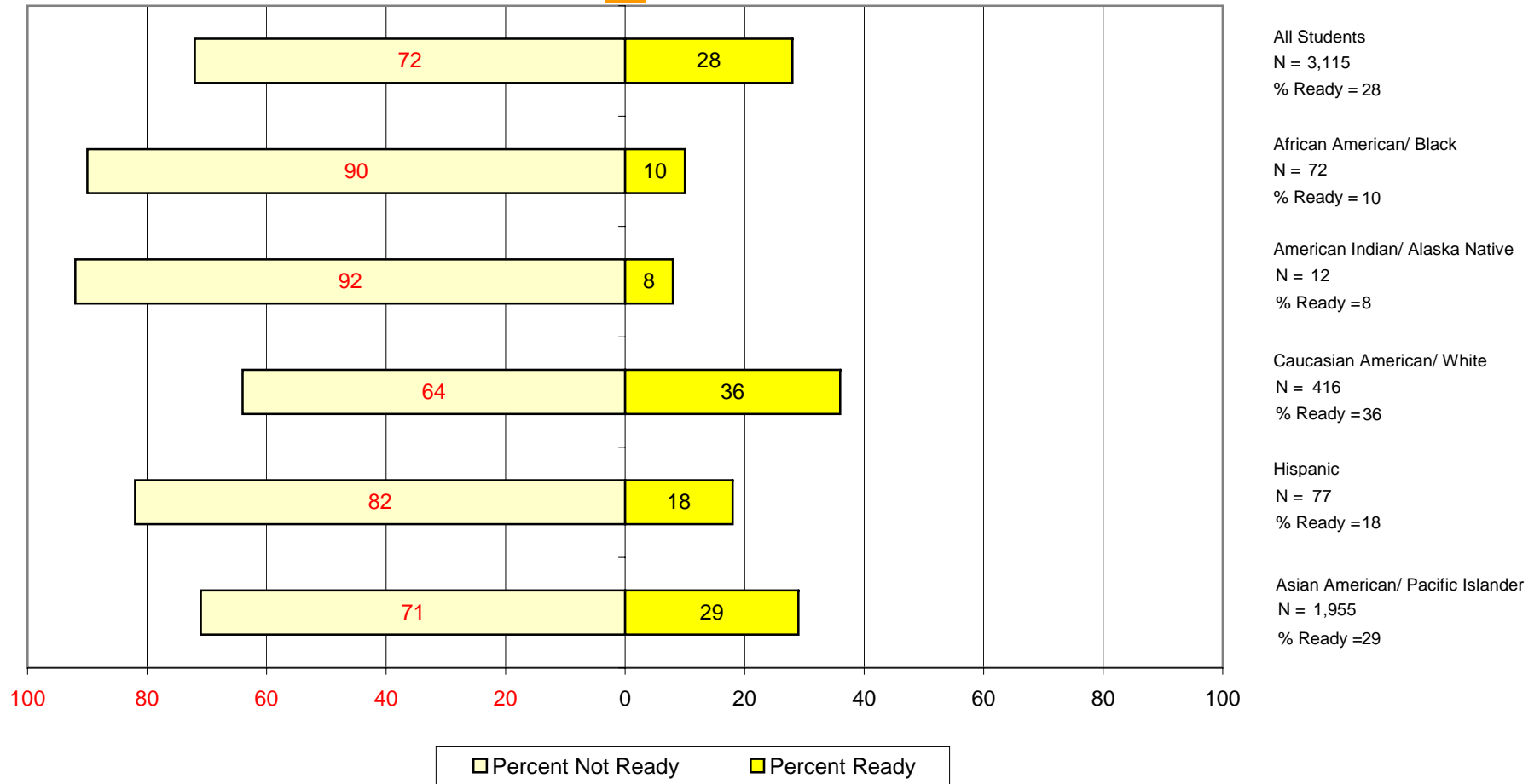
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 3,115

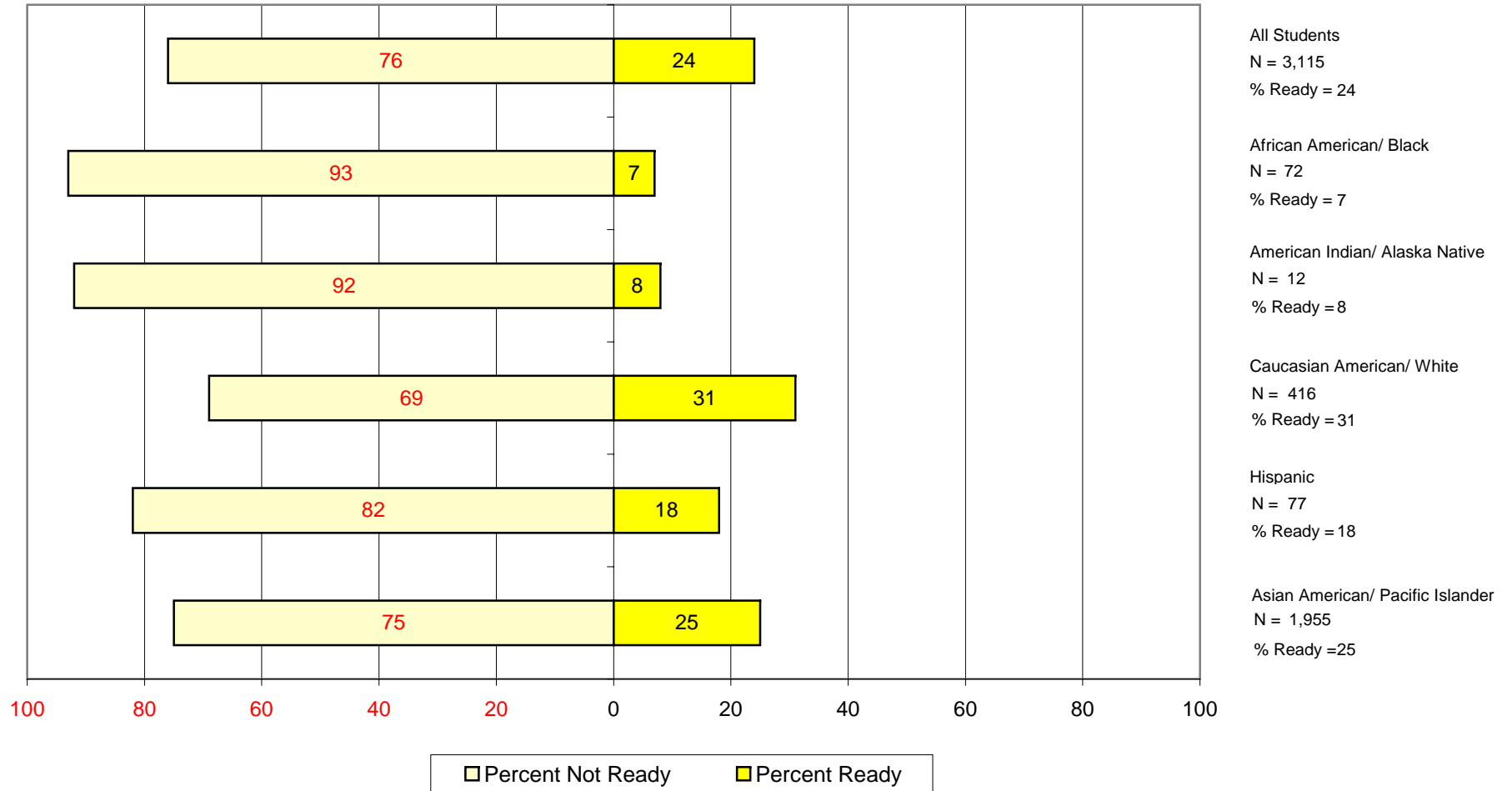
**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE**

ACT Science Benchmark Score = **24**



Total Students in Report: 3,115

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



Total Students in Report: 3,115

**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	583	19	22.2	4.1	225	17	21.6	3.1	356	20	22.6	4.7
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	2,336	75	20.7	2.6	998	76	20.3	1.8	1,323	75	21.0	3.1
Less than 4 years of English	105	3	18.1	-	51	4	18.5	-	51	3	17.9	-
No English course/grade information reported	91	3	20.5	-	46	3	20.5	-	43	2	20.8	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	292	9	25.4	8.7	122	9	26.1	8.9	170	10	24.8	8.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	404	13	23.0	6.3	150	11	23.3	6.1	252	14	22.9	6.5
Alg 1, Alg 2, Geom, & Trig	400	13	20.4	3.7	155	12	21.0	3.8	244	14	20.0	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	218	7	20.4	3.7	79	6	20.6	3.4	138	8	20.3	3.9
Other comb of 4 or more years of Math	965	31	25.0	8.3	465	35	25.7	8.5	495	28	24.4	8.0
Alg 1, Alg 2, & Geom (Min. Core)	532	17	17.7	1.0	200	15	18.1	0.9	326	18	17.6	1.2
Other comb of 3 or 3.5 years of Math	74	2	21.0	4.3	37	3	21.2	4.0	36	2	20.9	4.5
Less than 3 years of Math	140	4	16.7	-	65	5	17.2	-	71	4	16.4	-
No Math course/grade information reported	90	3	22.6	-	47	4	23.2	-	41	2	21.9	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	159	5	22.4	1.5	72	5	21.9	1.3	85	5	22.9	1.6
Other comb of 4 or more years Social Science	1,263	41	21.4	0.5	562	43	21.6	1.0	697	39	21.3	0.0
US Hist, World Hist, & Am Gov (Min. Core)	53	2	20.9	0.0	25	2	19.8	-0.8	28	2	21.9	0.6
Other comb of 3 or 3.5 years of Social Science	1,061	34	21.6	0.7	410	31	21.5	0.9	643	36	21.7	0.4
Less than 3 years of Social Science	488	16	20.9	-	203	15	20.6	-	279	16	21.3	-
No Soc Sci course/grade information reported	91	3	20.9	-	48	4	21.3	-	41	2	20.7	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	1,713	55	21.8	3.6	774	59	22.5	5.2	932	53	21.3	2.1
Bio, Chem, Phys	355	11	22.4	4.2	130	10	23.1	5.8	224	13	21.9	2.7
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	741	24	19.0	0.8	262	20	18.9	1.6	469	26	19.1	-0.1
Other comb of 3 years of Natural Science	55	2	19.8	1.6	30	2	20.3	3.0	25	1	19.1	-0.1
Less than 3 years of Natural Science	159	5	18.2	-	76	6	17.3	-	81	5	19.2	-
No Nat Sci course/grade information reported	92	3	21.1	-	48	4	21.4	-	42	2	20.9	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to a less than core course sequence.

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

Total Students in Report: 3,115

**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	583	19	22.2	78	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	2,336	75	20.7	68	1,029,431	70	20.6	68
Less than 4 years of English	105	3	18.1	55	74,090	5	16.7	42
No English course/grade information reported	91	3	20.5	63	38,830	3	16.1	37
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	292	9	25.4	77	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	404	13	23.0	62	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	400	13	20.4	38	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	218	7	20.4	38	220,868	15	20.1	36
Other comb of 4 or more years of Math	965	31	25.0	71	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	532	17	17.7	13	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	74	2	21.0	38	70,732	5	20.1	35
Less than 3 years of Math	140	4	16.7	9	105,591	7	16.5	7
No Math course/grade information reported	90	3	22.6	58	40,565	3	17.7	18
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	159	5	22.4	60	46,754	3	22.8	61
Other comb of 4 or more years Social Science	1,263	41	21.4	53	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	53	2	20.9	47	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	1,061	34	21.6	55	420,236	28	21.3	52
Less than 3 years of Social Science	488	16	20.9	51	152,775	10	19.7	40
No Soc Sci course/grade information reported	91	3	20.9	43	40,525	3	17.5	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	1,713	55	21.8	33	563,824	38	22.2	39
Bio, Chem, Phys	355	11	22.4	40	141,531	10	23.3	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	741	24	19.0	14	459,833	31	20.1	21
Other comb of 3 years of Natural Science	55	2	19.8	24	41,353	3	19.8	21
Less than 3 years of Natural Science	159	5	18.2	11	233,215	16	18.4	11
No Nat Sci course/grade information reported	92	3	21.1	29	40,713	3	17.7	11

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



# Section IV

## Career and Educational Aspirations

Total Students in Report: 3,115

**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	23	1	19.1	2	3	15.5	20	1	19.6
Architecture & Environmental Design	66	2	21.6	3	5	15.7	59	2	21.8
Business & Management	304	10	20.9	6	10	16.7	265	10	20.9
Business & Office	19	1	20.5	0	0	.	16	1	21.0
Marketing & Distribution	15	0	18.5	1	2	16.0	12	0	18.0
Communications & Comm. Technologies	80	3	20.9	3	5	20.0	72	3	20.7
Community & Personal Services	38	1	17.8	4	6	13.5	29	1	18.5
Computer & Information Sciences	65	2	22.0	2	3	23.0	60	2	21.9
Cross-Disciplinary Studies	10	0	20.2	1	2	18.0	9	0	20.4
Education	98	3	20.3	0	0	.	85	3	20.3
Teacher Education	39	1	18.8	1	2	20.0	34	1	19.0
Engineering	181	6	23.5	4	6	15.5	164	6	23.7
Engineering-Related Technologies	119	4	22.7	1	2	24.0	110	4	22.8
Foreign Languages	27	1	22.7	1	2	27.0	22	1	22.8
Health Sciences & Allied Health Fields	683	22	20.8	4	6	13.8	629	24	20.8
Human, Family & Consumer Science	29	1	18.3	2	3	17.0	25	1	18.6
Letters	15	0	25.1	0	0	.	14	1	25.6
Mathematics	26	1	24.6	1	2	18.0	23	1	24.8
Philosophy, Religion & Theology	8	0	22.1	0	0	.	6	0	23.8
Sciences (Biological & Physical)	245	8	23.7	1	2	14.0	225	9	23.6
Social Sciences	167	5	22.2	1	2	15.0	157	6	22.1
Trade & Industrial	13	0	16.0	4	6	13.3	8	0	16.5
Visual & Performing Arts	205	7	21.2	7	11	16.3	174	7	21.5
Undecided	469	15	22.3	9	14	15.0	366	14	22.1
No Response	171	5	19.5	5	8	16.4	14	1	17.1

<sup>1</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, 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: 3,115

**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	15	17.5	0	.	0	.	2	18.5	1	22.0	8	18.0	4	15.0
2-yr College Degree	48	15.9	3	15.3	0	.	3	18.7	1	14.0	26	15.7	15	15.9
Bachelors Degree	1,078	19.7	29	16.8	1	18.0	159	21.6	27	18.5	674	19.6	188	19.0
Graduate Study	637	22.7	9	18.9	3	20.7	95	24.2	16	23.0	411	22.7	103	22.1
Prof. Level Degree	883	23.1	24	20.6	5	19.4	94	24.6	24	22.3	593	22.9	143	23.7
Other	76	19.3	1	15.0	0	.	4	21.0	3	14.0	51	20.2	17	17.2
No Response	378	21.9	6	16.5	3	25.3	59	23.5	5	22.8	192	21.8	113	21.3

Total Students in Report: 3,115

**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 HAWAII AT MANOA	Hawaii	912	428	484	2	12	32	31	16	6	1	
HAWAII PACIFIC UNIVERSITY	Hawaii	309	80	229	1	18	42	28	9	2	0	
UNIVERSITY OF HAWAII AT HILO	Hawaii	213	69	144	2	16	43	23	12	3	0	
UNIVERSITY OF WASHINGTON	Washington	152	28	124	0	5	14	36	31	13	1	
OREGON STATE UNIVERSITY	Oregon	151	33	118	2	9	31	34	19	5	0	
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	141	42	99	1	23	39	33	1	3	0	
UNIVERSITY OF SOUTHERN CALIFORNIA	California	131	40	91	1	6	11	26	29	24	2	
UNIVERSITY OF OREGON	Oregon	117	25	92	2	9	24	38	22	4	0	
NCAA ELIGIBILITY CENTER	Indiana	115	65	50	0	16	42	23	11	8	0	
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	106	22	84	5	25	43	23	5	0	0	
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	97	34	63	4	25	41	24	5	0	1	
UNIVERSITY OF PORTLAND	Oregon	88	14	74	0	9	31	28	18	14	0	
BRIGHAM YOUNG UNIVERSITY	Utah	87	52	35	1	5	18	39	29	7	1	
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	87	22	65	3	29	45	17	5	1	0	
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	86	25	61	0	5	20	22	23	24	6	
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	84	36	48	0	11	20	36	27	5	1	
WASHINGTON STATE UNIVERSITY	Washington	84	9	75	1	6	30	33	24	6	0	
UNIVERSITY OF SAN FRANCISCO	California	82	23	59	1	6	23	37	28	5	0	
UNIVERSITY OF HAWAII-WEST OAHU	Hawaii	78	10	68	1	17	38	29	13	1	0	
PACIFIC UNIVERSITY	Oregon	75	26	49	0	8	31	33	25	1	1	
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	74	18	56	5	27	39	20	7	1	0	
STANFORD UNIVERSITY	California	70	23	47	1	0	7	19	23	36	14	
LOYOLA MARYMOUNT UNIVERSITY	California	61	16	45	0	3	7	39	34	15	2	
SANTA CLARA UNIVERSITY	California	60	17	43	0	3	7	30	37	18	5	
SEATTLE UNIVERSITY	Washington	60	11	49	0	8	25	35	23	8	0	
UNIVERSITY OF THE PACIFIC	California	60	14	46	2	5	15	27	40	8	3	
UNIVERSITY OF CALIFORNIA-BERKELEY	California	55	9	46	4	5	9	24	31	20	7	
SAN DIEGO STATE UNIVERSITY	California	52	5	47	2	13	37	38	6	4	0	
PORTLAND STATE UNIVERSITY	Oregon	49	11	38	0	10	35	37	18	0	0	
UNIVERSITY OF CALIFORNIA-SAN DIEGO	California	49	7	42	0	2	6	18	41	29	4	
All Other Institutions		2,688	655	2,033	2	9	24	28	22	13	2	
<b>Total</b>		<b>6,473</b>	<b>1,869</b>	<b>4,604</b>	<b>2</b>	<b>11</b>	<b>27</b>	<b>29</b>	<b>19</b>	<b>10</b>	<b>2</b>	

# Section V

# Optional Writing Test Results

Total Students in Report: 3,115

**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>2,611</b>	<b>814,713</b>	<b>21.2</b>	<b>21.5</b>	<b>7.3</b>	<b>7.2</b>	<b>20.8</b>	<b>20.8</b>
African American/Black	53	96,225	18.5	16.5	6.4	6.4	17.9	16.5
American Indian/Alaska Native	10	5,489	20.8	18.9	7.6	6.7	20.7	18.5
Caucasian American/White	337	497,164	23.5	22.8	7.6	7.3	22.7	21.9
Hispanic	67	85,681	21.3	18.4	7.4	7.0	20.8	18.4
Asian American/Pacific Islander	1,642	44,716	20.9	23.5	7.4	7.6	20.7	22.8
Other/No Response	502	85,438	20.7	21.4	7.1	7.2	20.2	20.8
Males	1,086	357,025	20.8	21.1	7.1	6.9	20.3	20.3
Females	1,504	455,190	21.5	21.7	7.5	7.4	21.2	21.2
Missing	21	2,498	18.1	22.1	6.8	7.2	18.0	21.3



