

# ACT Profile Report - State

Graduating Class 2010  
Alaska





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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: 2,228

**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

26% 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:** 2,228 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. 57% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 7% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 14% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 20% of these students were college ready. In comparison, 70% 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. 20% of these students were college ready. In comparison, 41% 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](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.

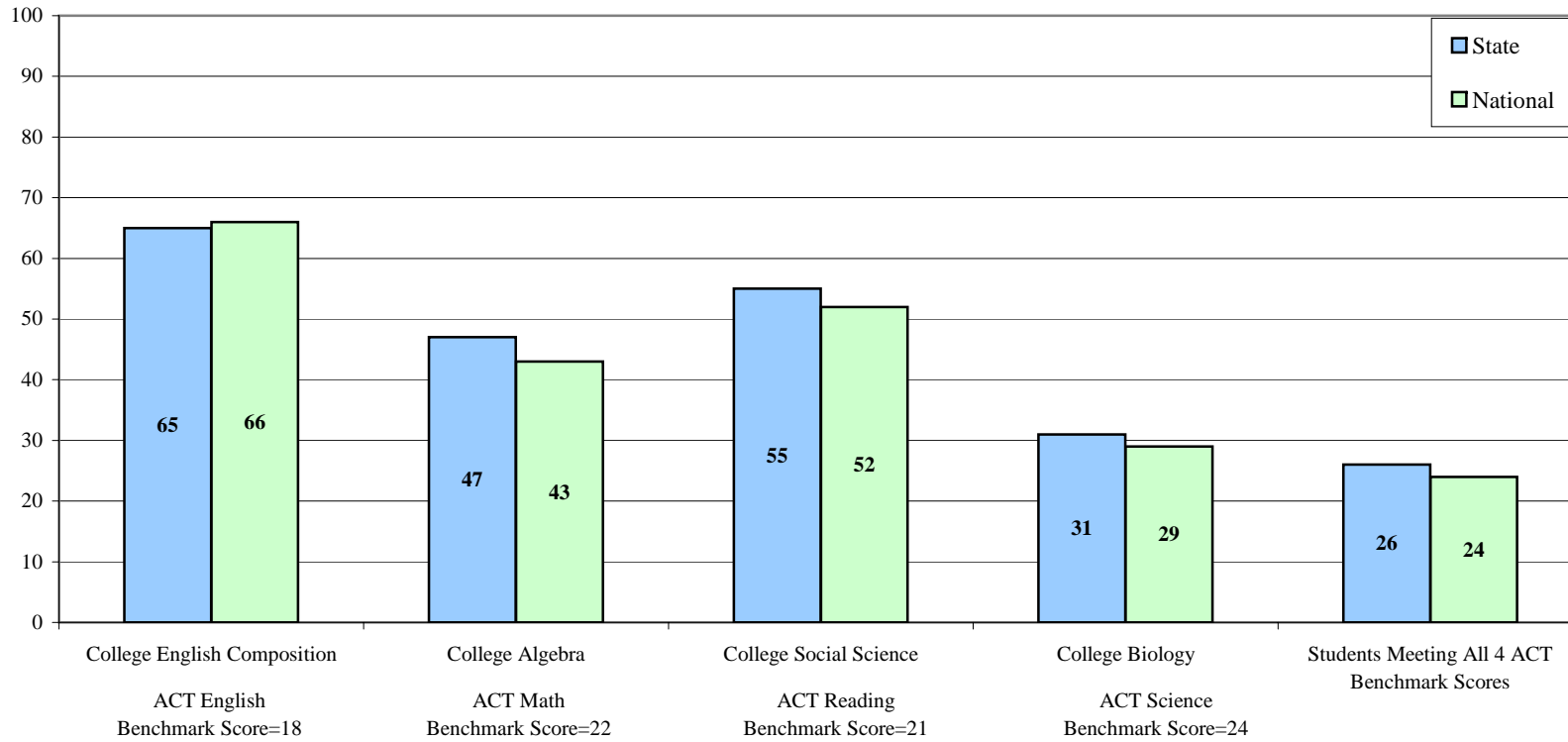
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 303-337-3273.

# Section I

## Executive Summary

Total Students in Report: 2,228

**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: 2,228

**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	1,987	1,206,455	64	69	46	42	55	53	30	27	25	21
2007	2,106	1,300,599	65	69	47	43	55	53	31	28	26	23
2008	2,047	1,421,941	66	68	46	43	55	53	31	28	26	22
2009	2,254	1,480,469	65	67	44	42	55	53	28	28	25	23
<b>2010</b>	<b>2,228</b>	<b>1,568,835</b>	<b>65</b>	<b>66</b>	<b>47</b>	<b>43</b>	<b>55</b>	<b>52</b>	<b>31</b>	<b>29</b>	<b>26</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	1,987	1,206,455	20.0	20.6	21.2	20.8	21.7	21.4	20.8	20.9	21.1	21.1
2007	2,106	1,300,599	20.1	20.7	21.3	21.0	21.8	21.5	21.0	21.0	21.2	21.2
2008	2,047	1,421,941	20.3	20.6	21.2	21.0	21.8	21.4	20.8	20.8	21.2	21.1
2009	2,254	1,480,469	20.1	20.6	21.1	21.0	21.7	21.4	20.7	20.9	21.0	21.1
<b>2010</b>	<b>2,228</b>	<b>1,568,835</b>	<b>20.3</b>	<b>20.5</b>	<b>21.2</b>	<b>21.0</b>	<b>21.7</b>	<b>21.3</b>	<b>20.9</b>	<b>20.9</b>	<b>21.1</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: 2,228

**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	656	627	33	32	23.4	20.8	24.1	21.3	25.0	22.6	23.5	21.3	24.1	21.6
2007	742	660	35	31	23.5	20.2	24.1	20.8	24.9	22.3	23.5	21.0	24.1	21.2
2008	940	548	46	27	23.3	20.3	23.8	20.4	24.6	22.2	23.1	20.8	23.8	21.1
2009	1,228	504	54	22	23.0	19.9	23.6	19.8	24.4	21.8	22.8	20.2	23.6	20.5
<b>2010</b>	<b>1,275</b>	<b>479</b>	<b>57</b>	<b>21</b>	<b>22.9</b>	<b>19.7</b>	<b>23.4</b>	<b>19.9</b>	<b>24.2</b>	<b>21.3</b>	<b>22.9</b>	<b>20.1</b>	<b>23.5</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.

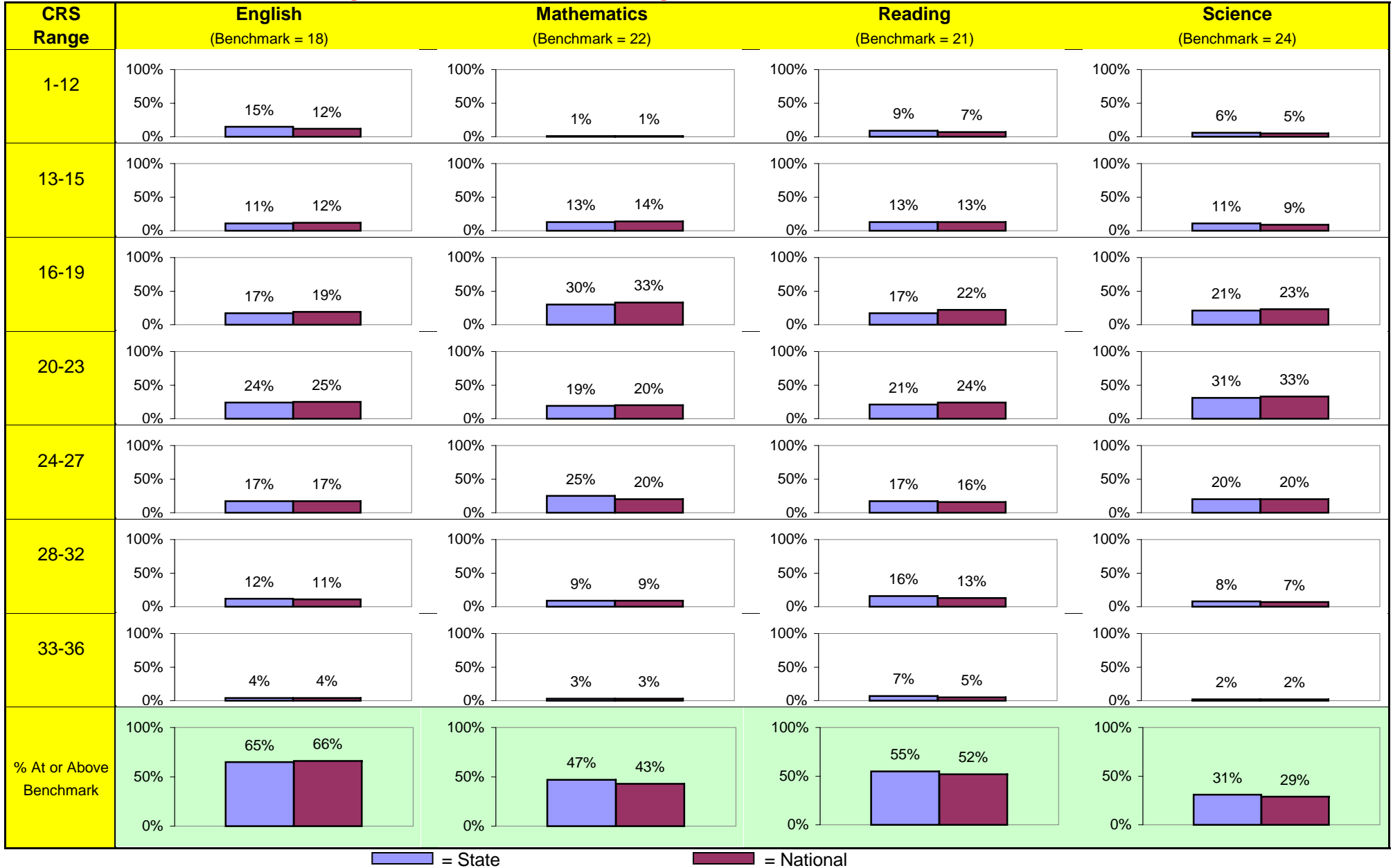
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>1,987</b>	<b>100</b>	<b>21.1</b>	<b>2,106</b>	<b>100</b>	<b>21.2</b>	<b>2,047</b>	<b>100</b>	<b>21.2</b>	<b>2,254</b>	<b>100</b>	<b>21.0</b>	<b>2,228</b>	<b>100</b>	<b>21.1</b>
African American/Black	59	3	17.8	88	4	18.2	57	3	18.7	65	3	19.2	72	3	16.7
American Indian/Alaska Native	244	12	17.2	217	10	17.3	266	13	17.1	337	15	17.2	351	16	17.0
Caucasian American/White	930	47	23.3	973	46	23.4	1,033	50	23.3	1,235	55	23.2	1,214	54	23.5
Hispanic	44	2	21.1	39	2	20.8	54	3	19.9	65	3	20.5	50	2	20.3
Asian American/Pacific Islander	99	5	21.8	108	5	21.0	119	6	21.0	130	6	20.9	152	7	21.0
Other/No Response	611	31	19.4	681	32	19.7	518	25	19.4	422	19	18.1	389	17	18.4

Total Students in Report: 2,228

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





# Section II

# Academic Achievement

Total Students in Report: 2,228

**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	8	100	3	100	26	100	2	100	1	100	36
35	18	100	20	100	25	99	7	100	1	100	35
34	27	99	23	99	48	98	15	100	15	100	34
33	38	98	25	98	55	96	25	99	20	99	33
32	35	96	29	97	44	93	10	98	28	98	32
31	41	94	24	96	63	91	30	97	45	97	31
30	69	93	38	94	86	88	34	96	62	95	30
29	44	89	47	93	88	84	64	94	71	92	29
28	78	87	67	91	71	80	48	92	79	89	28
27	54	84	121	88	93	77	80	89	93	86	27
26	93	82	138	82	73	73	91	86	116	81	26
25	99	77	127	76	104	70	157	82	114	76	25
24	127	73	160	70	100	65	123	75	140	71	24
23	112	67	106	63	108	61	169	69	129	65	23
22	130	62	117	58	135	56	171	62	144	59	22
21	143	56	87	53	115	50	168	54	138	53	21
20	151	50	103	49	118	45	186	46	152	46	20
19	109	43	94	45	106	39	138	38	124	39	19
18	82	38	149	40	84	35	163	32	118	34	18
17	83	35	176	34	130	31	82	25	118	29	17
16	104	31	249	26	68	25	90	21	103	23	16
15	101	26	163	15	80	22	70	17	108	19	15
14	73	22	91	7	100	18	86	14	89	14	14
13	79	18	45	3	99	14	83	10	89	10	13
12	58	15	12	1	81	9	41	6	70	6	12
11	70	12	7	1	62	6	42	4	33	3	11
10	69	9	4	1	25	3	20	2	17	1	10
9	38	6	1	1	17	2	15	1	6	1	9
8	49	4	1	1	6	1	12	1	4	1	8
7	29	2	1	1	6	1	1	1	0	1	7
6	9	1	0	1	6	1	3	1	1	1	6
5	6	1	0	1	3	1	1	1	0	1	5
4	1	1	0	1	2	1	0	1	0	1	4
3	1	1	0	1	1	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	1	1	0	1	1
<b>Avg (SD)</b>	20.3 (6.8)		21.2 (5.4)		21.7 (6.8)		20.9 (5.4)		21.1 (5.6)		<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: 2,228

**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	88	100	21	100	82	100	107	100	105	100	28	100	13	100	18
17	73	96	18	99	113	96	176	95	107	95	23	99	15	99	17
16	96	93	140	98	151	91	152	87	134	90	66	98	79	99	16
15	143	88	168	92	157	84	201	80	148	84	86	95	118	95	15
14	103	82	153	84	127	77	121	71	162	78	219	91	204	90	14
13	154	77	173	78	150	72	163	66	137	71	224	81	265	81	13
12	143	71	253	70	180	65	164	59	217	64	214	71	213	69	12
11	183	64	255	58	192	57	199	51	178	55	284	61	268	59	11
10	236	56	172	47	181	48	145	42	185	47	293	49	270	47	10
9	202	45	226	39	207	40	141	36	145	38	252	36	258	35	9
8	155	36	163	29	222	31	129	30	238	32	177	24	205	24	8
7	177	29	139	22	186	21	114	24	274	21	148	16	115	14	7
6	129	21	103	16	96	13	169	19	123	9	90	10	51	9	6
5	112	16	91	11	68	8	145	11	53	3	48	6	51	7	5
4	102	11	96	7	61	5	53	5	15	1	32	3	60	5	4
3	83	6	47	3	38	2	33	2	1	1	32	2	13	2	3
2	41	2	9	1	9	1	11	1	4	1	0	1	26	1	2
1	8	1	1	1	8	1	5	1	2	1	12	1	4	1	1
Avg (SD)	10.1 (4.1)		10.5 (3.6)		10.9 (3.9)		11.2 (4.2)		11.1 (3.7)		10.6 (3.1)		10.6 (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	25	27	25	25
Q2 (50th Percentile)	21	21	22	21	21
Q1 (25th Percentile)	15	16	17	18	17

Total Students in Report: 2,228

**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>2,228</b>	<b>57</b>	<b>23.5</b>	<b>20.3</b>
	African American/Black	72	63	17.1	16.5
	American Indian/Alaska Native	351	27	20.5	18.3
	Caucasian American/White	1,214	73	24.3	21.4
	Hispanic	50	66	21.5	18.6
	Asian American/Pacific Islander	152	70	21.9	18.5
	Other/No Response	389	27	23.8	20.2
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>	20.3	21.2	21.7	20.9	21.1
	African American/Black	15.5	16.8	17.3	17.0	16.7
	American Indian/Alaska Native	15.3	17.8	16.7	17.4	17.0
	Caucasian American/White	23.1	23.2	24.4	23.0	23.5
	Hispanic	19.3	20.3	21.1	20.0	20.3
	Asian American/Pacific Islander	19.8	21.8	21.0	21.0	21.0
	Other/No Response	17.2	18.9	18.7	18.3	18.4
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: 2,228

**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	91	4	71	3	154	7	49	2
	28 to 32	267	12	205	9	352	16	186	8
	24 to 27	373	17	546	25	370	17	451	20
	20 to 23	536	24	413	19	476	21	694	31
	16 to 19	378	17	668	30	388	17	473	21
	13 to 15	253	11	299	13	279	13	239	11
	01 to 12	330	15	26	1	209	9	136	6
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	966	43	19.7	21.7	21.2	21.3	21.1
	Females	1,262	57	20.8	20.8	22.0	20.6	21.2
	Missing	0	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	61	51	53	35	30
	Females	69	44	57	27	23
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 2,228

**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>	1,275	82	22.9	65	23.4	71	24.2	43	22.9	37	23.5
	Less than Core	479	63	19.7	34	19.9	52	21.3	23	20.1	18	20.3
	Missing <sup>3</sup>	474	22	13.9	12	16.8	16	15.3	7	16.2	4	15.7
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>	1,710	77	22.1	1,607	61	22.9	1,659	67	23.5	1,421	41	22.7
	Less than Core	49	63	19.7	149	9	17.0	100	53	21.9	336	20	19.9
	Missing <sup>3</sup>	469	22	13.8	472	12	16.8	469	16	15.3	471	7	16.2
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.

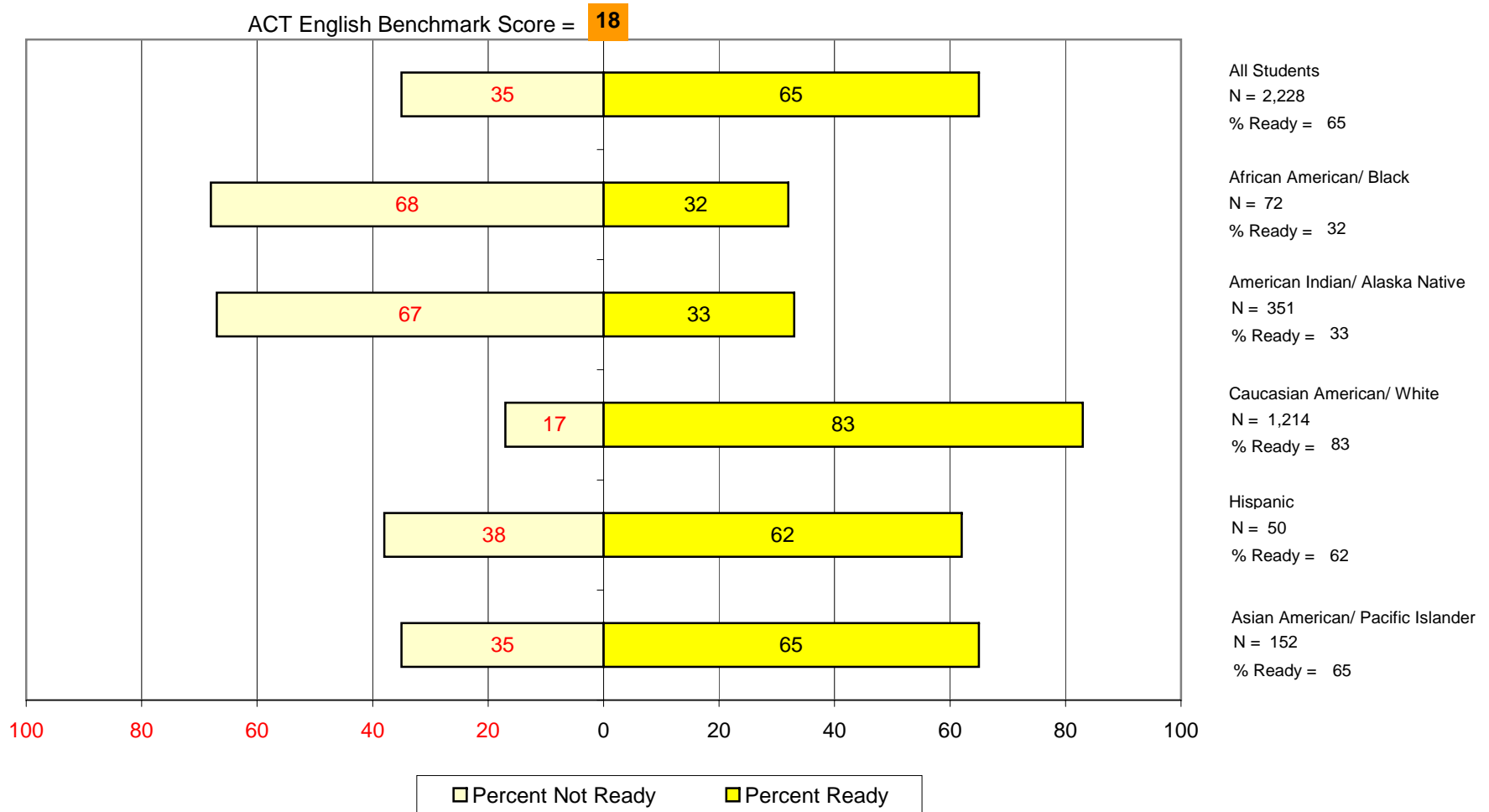
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

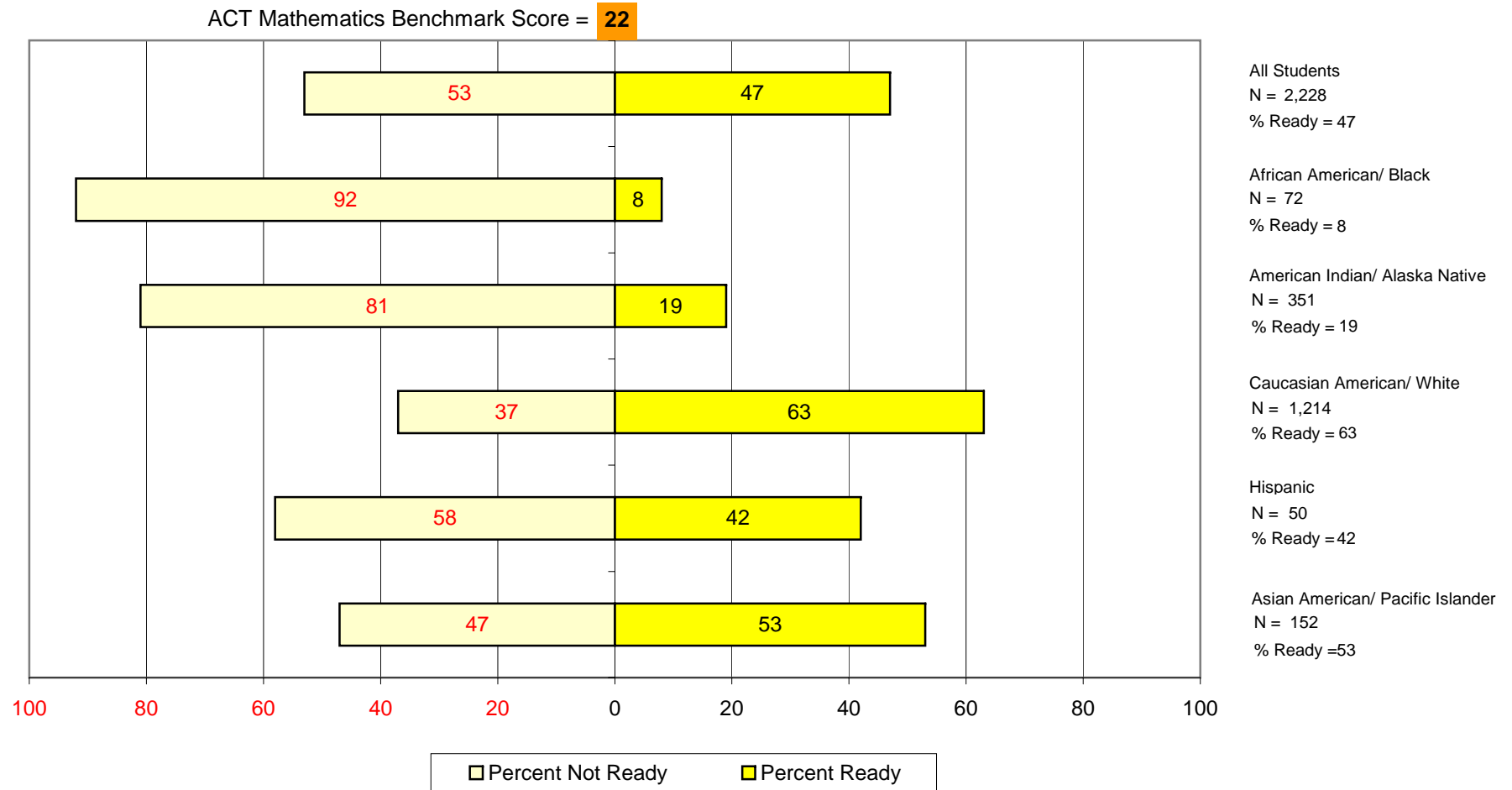
Total Students in Report: 2,228

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



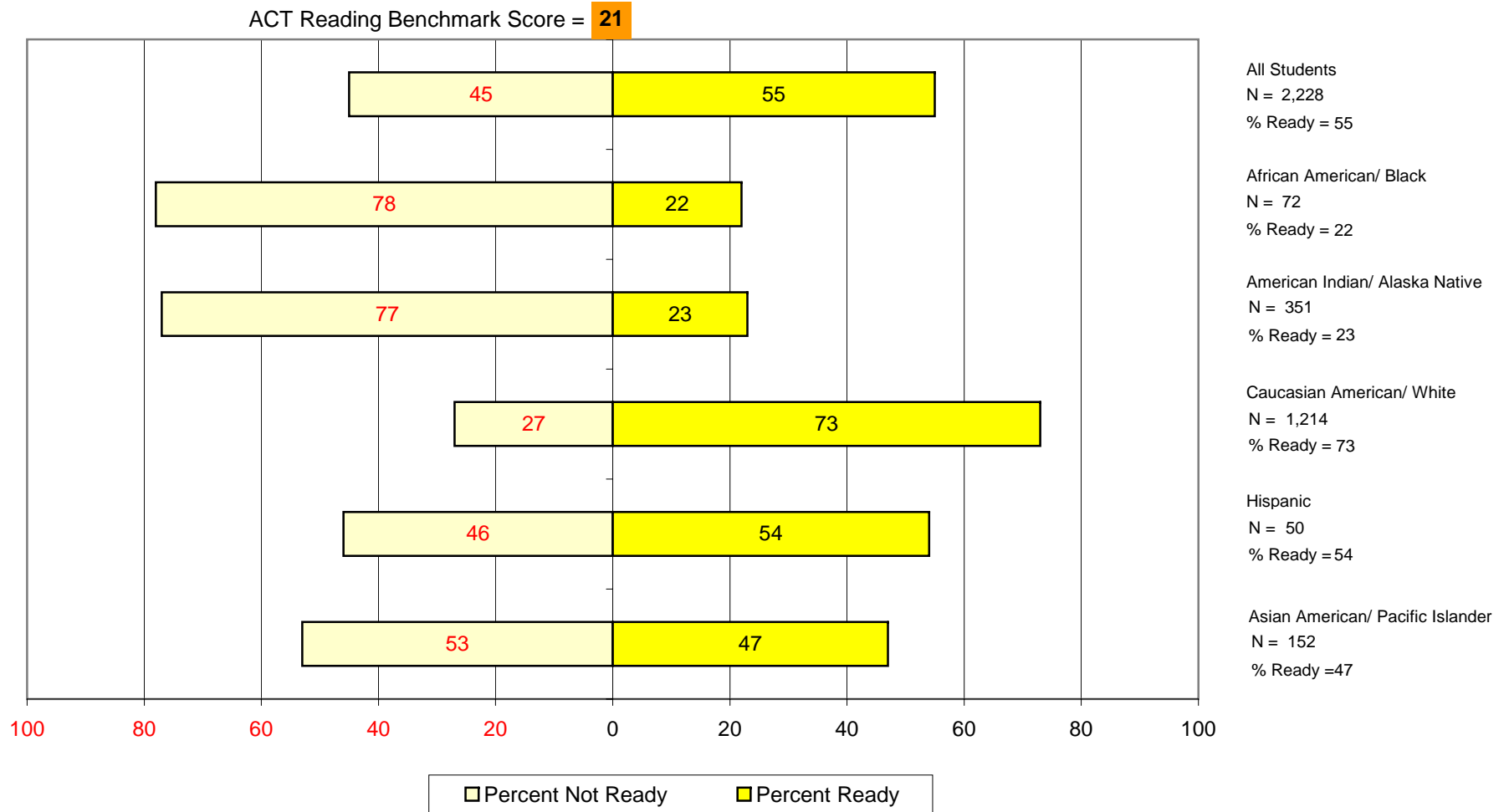
Total Students in Report: 2,228

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



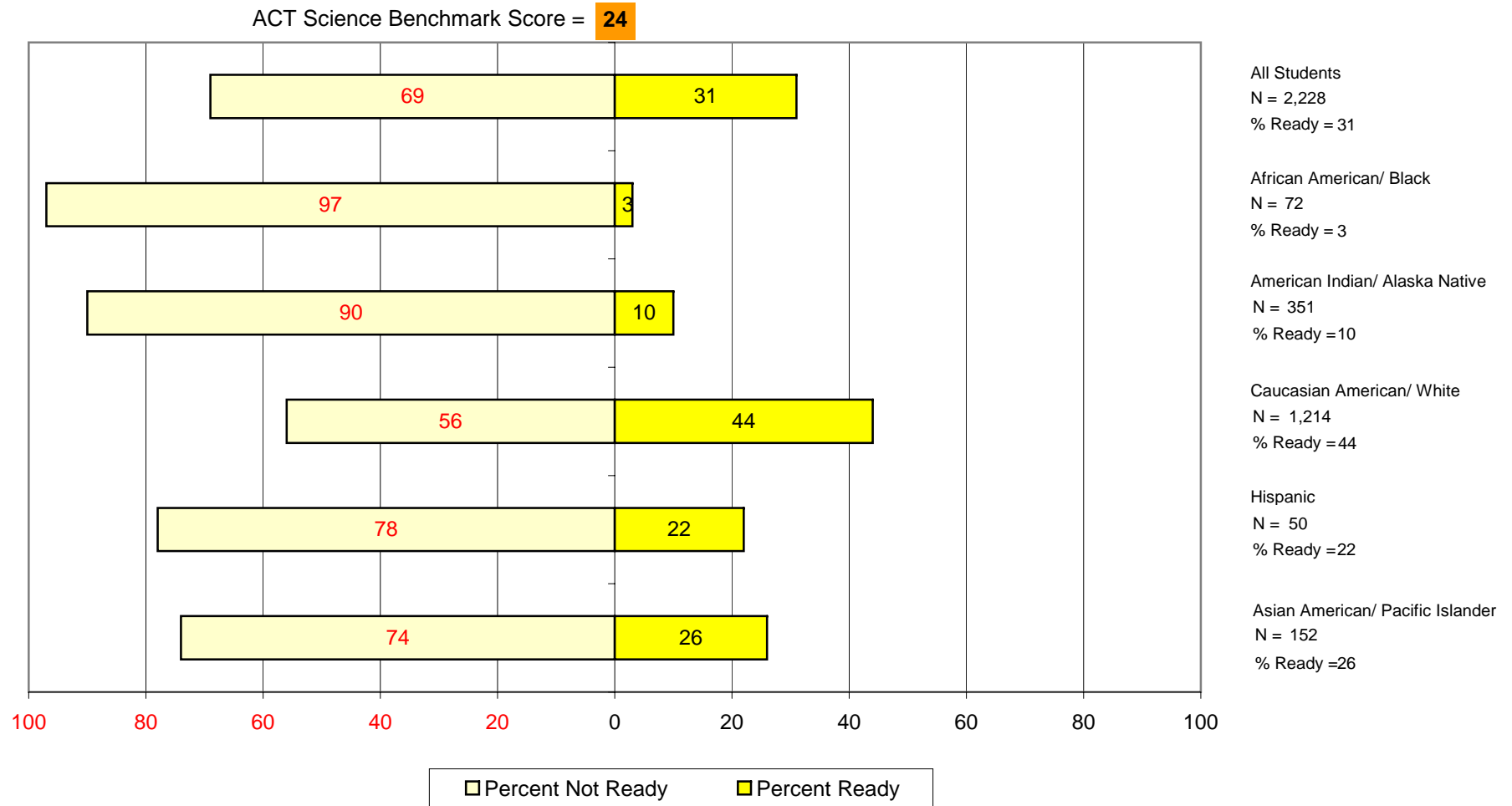
Total Students in Report: 2,228

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



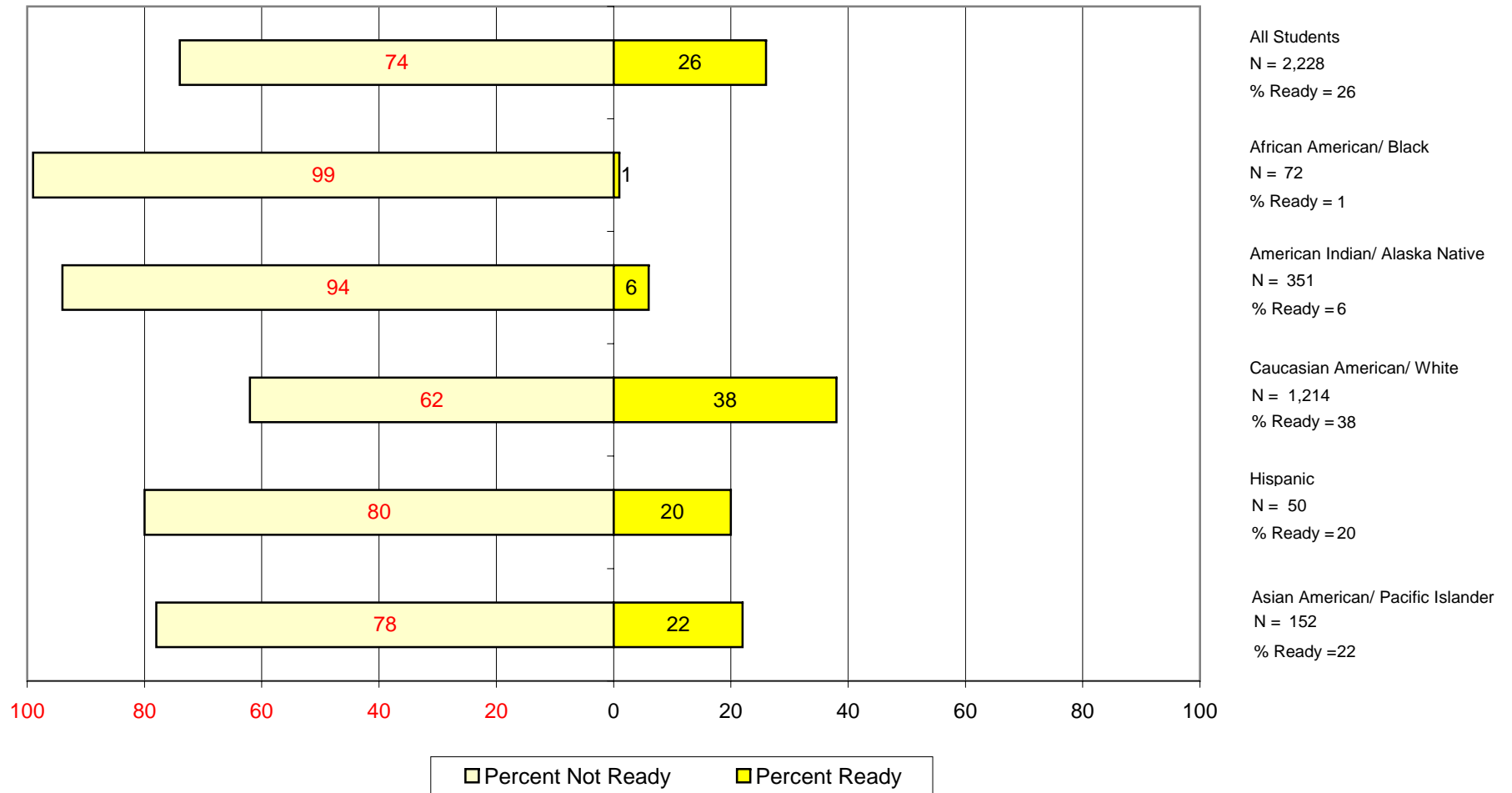
Total Students in Report: 2,228

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



Total Students in Report: 2,228

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





Total Students in Report: 2,228

**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	558	25	21.4	1.7	227	23	21.0	1.6	331	26	21.6	1.5
Eng 9, Eng 10, Eng 11, Eng 12	1,152	52	22.5	2.8	491	51	21.9	2.5	661	52	22.9	2.8
Less than 4 years of English	49	2	19.7	-	28	3	19.4	-	21	2	20.1	-
Zero years / no English courses reported	469	21	13.8	-	220	23	13.4	-	249	20	14.2	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	175	8	26.7	9.7	73	8	27.7	10.3	102	8	26.0	9.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	159	7	23.7	6.7	53	5	24.2	6.8	106	8	23.4	6.6
Alg 1, Alg 2, Geom, & Trig	127	6	21.3	4.3	44	5	21.6	4.2	83	7	21.2	4.4
Alg 1, Alg 2, Geom, & Other Adv Math	159	7	21.5	4.5	57	6	21.0	3.6	102	8	21.7	4.9
Other comb of 4 or more years of Math	600	27	24.8	7.8	303	31	25.3	7.9	297	24	24.2	7.4
Alg 1, Alg 2, & Geom	305	14	18.6	1.6	117	12	19.2	1.8	188	15	18.2	1.4
Other comb of 3 or 3.5 years of Math	82	4	21.1	4.1	35	4	21.1	3.7	47	4	21.0	4.2
Less than 3 years of Math	149	7	17.0	-	63	7	17.4	-	86	7	16.8	-
Zero years / no Math courses reported	472	21	16.8	-	221	23	17.1	-	251	20	16.5	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	183	8	23.9	2.0	76	8	21.9	0.5	107	8	25.4	3.1
Other comb of 4 or more years Social Science	991	44	23.4	1.5	416	43	23.0	1.6	575	46	23.6	1.3
US Hist, World Hist, & Am Gov	111	5	23.9	2.0	51	5	24.8	3.4	60	5	23.1	0.8
Other comb of 3 or 3.5 years of Social Science	374	17	23.4	1.5	158	16	23.8	2.4	216	17	23.1	0.8
Less than 3 years of Social Science	100	4	21.9	-	45	5	21.4	-	55	4	22.3	-
Zero years / no Social Science courses reported	469	21	15.3	-	220	23	15.0	-	249	20	15.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	572	26	23.2	3.3	294	30	24.1	4.6	278	22	22.3	2.3
Bio, Chem, Phys	184	8	25.5	5.6	84	9	26.2	6.7	100	8	24.8	4.8
Gen Sci <sup>2</sup> , Bio, Chem	592	27	21.6	1.7	203	21	21.9	2.4	389	31	21.4	1.4
Other comb of 3 years of Natural Science	73	3	20.9	1.0	42	4	21.4	1.9	31	2	20.3	0.3
Less than 3 years of Natural Science	336	15	19.9	-	122	13	19.5	-	214	17	20.0	-
Zero years / no Natural Science courses reported	471	21	16.2	-	221	23	16.2	-	250	20	16.2	-

<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: 2,228

**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	558	25	21.4	74	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	1,152	52	22.5	79	1,096,437	70	20.5	66
Less than 4 years of English	49	2	19.7	63	74,180	5	16.4	39
Zero years / no English courses reported	469	21	13.8	22	43,106	3	15.7	34
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	175	8	26.7	92	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	159	7	23.7	75	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	127	6	21.3	50	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	159	7	21.5	52	239,289	15	20.0	36
Other comb of 4 or more years of Math	600	27	24.8	75	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	305	14	18.6	20	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	82	4	21.1	44	74,720	5	19.9	35
Less than 3 years of Math	149	7	17.0	9	97,949	6	16.4	7
Zero years / no Math courses reported	472	21	16.8	12	47,380	3	17.5	16
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	183	8	23.9	69	47,523	3	22.6	60
Other comb of 4 or more years Social Science	991	44	23.4	66	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	111	5	23.9	69	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	374	17	23.4	67	439,520	28	21.2	51
Less than 3 years of Social Science	100	4	21.9	53	156,679	10	19.5	39
Zero years / no Social Science courses reported	469	21	15.3	16	45,555	3	17.3	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	572	26	23.2	45	620,765	40	22.2	40
Bio, Chem, Phys	184	8	25.5	68	152,001	10	23.2	48
Gen Sci <sup>1</sup> , Bio, Chem	592	27	21.6	31	474,375	30	20.1	21
Other comb of 3 years of Natural Science	73	3	20.9	29	43,231	3	19.7	21
Less than 3 years of Natural Science	336	15	19.9	20	231,566	15	18.3	12
Zero years / no Natural Science courses reported	471	21	16.2	7	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: 2,228

**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	12	1	18.5	0	0	.	11	1	18.0
Architecture & Environmental Design	41	2	23.2	0	0	.	40	2	23.2
Business & Management	144	6	21.1	11	7	15.6	122	7	21.7
Business & Office	11	0	19.5	0	0	.	8	0	19.4
Marketing & Distribution	6	0	19.7	0	0	.	6	0	19.7
Communications & Comm. Technologies	35	2	21.6	1	1	13.0	34	2	21.9
Community & Personal Services	45	2	18.3	12	8	17.3	31	2	18.5
Computer & Information Sciences	40	2	22.3	5	3	13.8	35	2	23.5
Cross-Disciplinary Studies	5	0	20.8	1	1	13.0	4	0	22.8
Education	73	3	21.6	4	3	18.0	68	4	21.7
Teacher Education	42	2	20.0	3	2	17.3	38	2	20.2
Engineering	155	7	23.1	7	5	14.7	134	8	23.9
Engineering-Related Technologies	90	4	22.7	6	4	13.8	80	5	23.4
Foreign Languages	22	1	22.9	2	1	18.0	16	1	24.3
Health Sciences & Allied Health Fields	348	16	20.9	27	18	16.5	298	17	21.3
Human, Family & Consumer Science	17	1	19.5	2	1	21.0	15	1	19.3
Letters	17	1	23.4	0	0	.	17	1	23.4
Mathematics	18	1	24.9	1	1	15.0	15	1	26.1
Philosophy, Religion & Theology	15	1	21.9	1	1	18.0	13	1	22.9
Sciences (Biological & Physical)	178	8	23.6	1	1	22.0	168	10	23.8
Social Sciences	138	6	22.9	0	0	.	129	8	23.0
Trade & Industrial	52	2	16.8	20	13	13.7	28	2	19.8
Visual & Performing Arts	101	5	22.1	7	5	15.1	85	5	22.9
Undecided	390	18	21.7	35	23	15.6	310	18	22.4
No Response	233	10	16.0	3	2	13.0	7	0	19.4

<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: 2,228

**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	31	14.9	0	.	22	13.7	8	18.3	0	.	0	.	1	14.0
2-yr College Degree	118	15.8	3	15.3	65	14.4	30	19.2	3	13.3	6	15.3	11	16.1
Bachelors Degree	886	20.7	32	16.3	154	16.9	540	22.2	20	20.8	70	19.9	70	20.4
Graduate Study	368	24.4	12	17.1	31	21.3	264	25.4	8	21.8	20	23.4	33	23.6
Prof. Level Degree	458	23.8	20	17.3	48	19.8	282	25.3	15	20.1	39	22.6	54	23.5
Other	46	18.8	2	18.0	12	15.3	17	22.1	1	19.0	8	19.8	6	15.3
No Response	321	17.7	3	16.7	19	16.4	73	22.5	3	20.7	9	22.1	214	15.9

Total Students in Report: 2,228

**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 ALASKA ANCHORAGE	Alaska	539	253	286	10	26	24	20	14	5	1
UNIVERSITY OF ALASKA FAIRBANKS	Alaska	504	255	249	11	26	23	18	17	5	0
UNIVERSITY OF ALASKA SOUTHEAST	Alaska	88	13	75	20	27	28	15	7	2	0
UNIVERSITY OF WASHINGTON	Washington	66	20	46	0	2	23	26	24	20	6
KUSKOKWIM COLLEGE	Alaska	65	31	34	29	45	17	6	3	0	0
UNIVERSITY OF OREGON	Oregon	63	16	47	2	8	10	25	30	24	2
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	57	21	36	0	4	18	30	26	19	4
OREGON STATE UNIVERSITY	Oregon	54	6	48	2	2	19	33	35	9	0
BRIGHAM YOUNG UNIVERSITY	Utah	53	33	20	0	2	11	23	34	25	6
WASHINGTON STATE UNIVERSITY	Washington	48	9	39	0	2	13	42	27	15	2
NORTHERN ARIZONA UNIVERSITY	Arizona	47	14	33	0	2	15	30	36	15	2
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	46	16	30	0	7	13	30	24	24	2
ALASKA PACIFIC UNIVERSITY	Alaska	45	5	40	13	36	27	16	9	0	0
WESTERN WASHINGTON UNIVERSITY	Washington	45	14	31	0	2	4	33	36	24	0
NCAA ELIGIBILITY CENTER	Indiana	44	20	24	0	0	25	25	30	14	7
UNIVERSITY OF IDAHO	Idaho	44	11	33	0	7	16	30	34	14	0
FORT LEWIS COLLEGE	Colorado	33	8	25	6	24	27	27	15	0	0
STANFORD UNIVERSITY	California	31	11	20	3	3	3	3	35	35	16
UNIVERSITY OF MONTANA	Montana	28	9	19	0	11	25	39	21	4	0
ARIZONA STATE UNIVERSITY	Arizona	27	7	20	0	0	37	30	15	19	0
BOISE STATE UNIVERSITY	Idaho	27	10	17	0	4	30	41	11	11	4
UNIVERSITY OF ARIZONA	Arizona	25	7	18	4	16	4	32	36	8	0
PORTLAND STATE UNIVERSITY	Oregon	24	2	22	0	4	13	38	33	13	0
AIR FORCE ROTC SCHOLARSHIP	Alabama	23	6	17	9	22	17	26	17	9	0
GONZAGA UNIVERSITY	Washington	23	7	16	4	0	22	22	26	26	0
SOUTHERN OREGON UNIVERSITY	Oregon	23	4	19	0	13	17	17	48	4	0
COLORADO STATE UNIVERSITY	Colorado	22	6	16	0	0	14	32	32	23	0
EASTERN WASHINGTON UNIVERSITY	Washington	22	3	19	0	9	14	50	27	0	0
UNITED STATES AIR FORCE ACADEMY	Colorado	22	14	8	0	5	9	14	55	18	0
WESTERN OREGON UNIVERSITY	Oregon	22	3	19	0	14	14	36	32	5	0
All Other Institutions		1,695	441	1,254	4	8	17	22	25	21	4
<b>Total</b>		<b>3,855</b>	<b>1,275</b>	<b>2,580</b>	<b>6</b>	<b>14</b>	<b>19</b>	<b>22</b>	<b>22</b>	<b>15</b>	<b>2</b>

# Section V Optional Writing Test Results

Total Students in Report: 2,228

**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>1,215</b>	<b>869,014</b>	<b>22.7</b>	<b>21.4</b>	<b>7.3</b>	<b>7.1</b>	<b>21.9</b>	<b>20.8</b>
African American/Black	46	107,638	16.4	16.4	6.3	6.4	16.4	16.4
American Indian/Alaska Native	115	6,232	19.1	18.9	6.7	6.6	18.7	18.4
Caucasian American/White	807	518,004	24.0	23.0	7.5	7.3	23.0	22.1
Hispanic	32	101,126	19.0	18.1	6.6	6.9	18.6	18.1
Asian American/Pacific Islander	107	49,922	20.0	23.6	7.3	7.7	19.9	22.9
Other/No Response	108	86,092	23.2	21.0	7.3	7.1	22.2	20.4
Males	480	384,152	22.3	21.1	7.2	6.9	21.4	20.3
Females	735	484,023	22.9	21.7	7.5	7.3	22.1	21.2
Missing	0	839	.	16.8	.	6.3	.	16.6





