

# ACT High School Profile Report

The Graduating Class of 2008  
Oregon





# ACT High School Profile Report

The Graduating Class of 2008

Oregon

Section I: Executive Summary	P. 5
Section II: Academic Achievement	P. 9
Section III: College Readiness & the Impact of Course Rigor	P. 15
Section IV: Career and Educational Aspirations	P. 23
Section V: Optional Writing Test Results	P. 27



This report provides information about the performance of your 2008 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 2008 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, the graduating class data for a school, district, state, and the nation 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, state, or the nation.

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.

**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 2008 graduates 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.** 10,589 ACT-tested graduates 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. 50% 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 8% of the cohort took less than three years of math courses. Of these students, 13% were college ready. 18% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 14% of these students were college ready. In comparison, 60% of the students who advanced beyond minimum 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 22% of the cohort took less than three years of natural science courses. 16% of these students were college ready. In comparison, 35% 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).

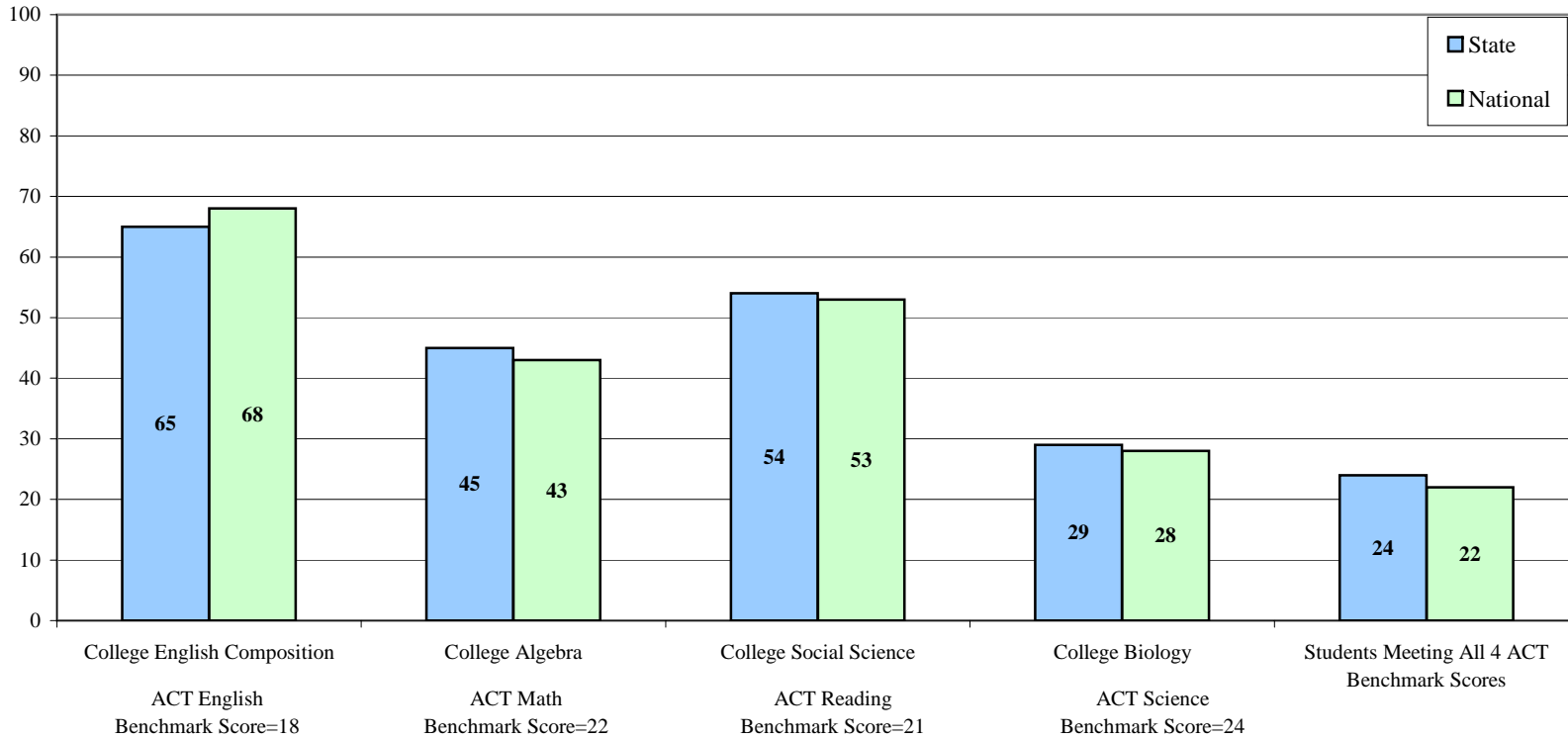
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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 916-631-9200.

# Section I

## Executive Summary

**Figure 1.1. Percent of ACT-Tested 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.**



**Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks**

Grad 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
2004	4,145	1,171,460	76	68	54	40	65	52	36	26	30	21
2005	3,943	1,186,251	76	68	55	41	64	51	37	26	31	21
2006	4,409	1,206,455	74	69	54	42	64	53	36	27	30	21
2007	6,401	1,300,599	71	69	52	43	59	53	33	28	28	23
<b>2008</b>	<b>10,589</b>	<b>1,421,941</b>	<b>65</b>	<b>68</b>	<b>45</b>	<b>43</b>	<b>54</b>	<b>53</b>	<b>29</b>	<b>28</b>	<b>24</b>	<b>22</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Grad 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
2004	4,145	1,171,460	21.8	20.4	22.4	20.7	23.3	21.3	22.1	20.9	22.5	20.9
2005	3,943	1,186,251	21.8	20.4	22.4	20.7	23.4	21.3	22.2	20.9	22.6	20.9
2006	4,409	1,206,455	21.6	20.6	22.4	20.8	23.1	21.4	21.9	20.9	22.4	21.1
2007	6,401	1,300,599	21.2	20.7	22.1	21.0	22.5	21.5	21.8	21.0	22.0	21.2
<b>2008</b>	<b>10,589</b>	<b>1,421,941</b>	<b>20.3</b>	<b>20.6</b>	<b>21.4</b>	<b>21.0</b>	<b>21.8</b>	<b>21.4</b>	<b>20.9</b>	<b>20.8</b>	<b>21.2</b>	<b>21.1</b>

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

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
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
<b>2008</b>	<b>1,421,941</b>	<b>20.6</b>	<b>21.0</b>	<b>21.4</b>	<b>20.8</b>	<b>21.1</b>

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

Grad Year	Number of Students Tested		Percent <sup>1</sup>		Average ACT Scores									
	Core or More	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
2004	2,055	1,581	50	38	23.0	20.6	23.6	21.1	24.4	22.1	23.0	21.1	23.6	21.3
2005	1,910	1,426	48	36	23.0	20.8	23.6	21.4	24.5	22.5	23.3	21.3	23.7	21.6
2006	1,976	1,762	45	40	22.9	20.5	23.7	21.2	24.4	22.1	23.1	21.0	23.7	21.3
2007	2,538	2,939	40	46	23.1	19.7	23.7	20.8	24.3	21.2	23.2	20.6	23.7	20.7
<b>2008</b>	<b>5,329</b>	<b>3,893</b>	<b>50</b>	<b>37</b>	<b>21.8</b>	<b>18.7</b>	<b>22.7</b>	<b>20.0</b>	<b>23.1</b>	<b>20.4</b>	<b>22.2</b>	<b>19.7</b>	<b>22.6</b>	<b>19.8</b>

<sup>1</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**Table 1.5. Five-Year Trends—Number, Percentage, and Average Composite Score for ACT-Tested Graduates by Race/Ethnicity**

	2004			2005			2006			2007			2008		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>4,145</b>	<b>100</b>	<b>22.5</b>	<b>3,943</b>	<b>100</b>	<b>22.6</b>	<b>4,409</b>	<b>100</b>	<b>22.4</b>	<b>6,401</b>	<b>100</b>	<b>22.0</b>	<b>10,589</b>	<b>100</b>	<b>21.2</b>
African American/Black	92	2	17.2	93	2	17.9	91	2	17.3	142	2	16.7	381	4	16.1
American Indian/Alaska Native	63	2	18.8	92	2	17.6	99	2	18.2	80	1	18.8	144	1	19.0
Caucasian American/White	2,987	72	22.9	2,807	71	23.0	2,834	64	23.0	3,943	62	22.6	6,480	61	22.1
Hispanic	186	4	18.2	207	5	18.8	261	6	18.2	436	7	17.3	782	7	16.9
Asian American/Pacific Islander	228	6	22.9	220	6	23.1	245	6	21.9	545	9	21.7	854	8	21.1
Other/No Response	589	14	23.3	524	13	23.1	879	20	22.8	1,255	20	22.7	1,948	18	21.2

# Section II

# Academic Achievement

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	
36	25	100	15	100	68	100	27	100	1	100	36
35	113	100	64	100	169	99	85	100	28	100	35
34	183	99	95	99	223	98	65	99	60	100	34
33	125	97	159	98	261	96	49	98	101	99	33
32	150	96	126	97	250	93	94	98	136	98	32
31	187	94	122	96	311	91	100	97	200	97	31
30	200	93	199	95	356	88	182	96	260	95	30
29	229	91	302	93	379	85	181	94	322	93	29
28	338	89	456	90	392	81	242	93	362	90	28
27	321	85	435	85	368	77	337	90	434	86	27
26	343	82	514	81	373	74	406	87	456	82	26
25	514	79	696	77	421	70	761	83	586	78	25
24	497	74	606	70	461	66	593	76	626	72	24
23	604	70	584	64	592	62	808	71	658	66	23
22	627	64	432	59	450	56	752	63	697	60	22
21	759	58	634	55	666	52	884	56	730	53	21
20	675	51	528	49	566	46	961	47	694	47	20
19	507	44	633	44	683	40	848	38	679	40	19
18	522	40	659	38	383	34	850	30	676	34	18
17	458	35	836	31	676	30	413	22	613	27	17
16	533	30	1,119	24	384	24	416	18	569	21	16
15	529	25	786	13	524	20	360	14	512	16	15
14	393	20	346	6	503	15	326	11	427	11	14
13	389	17	169	2	454	11	255	8	320	7	13
12	287	13	48	1	216	6	208	6	246	4	12
11	249	10	12	1	244	4	162	4	121	2	11
10	290	8	6	1	91	2	101	2	48	1	10
9	212	5	5	1	61	1	55	1	17	1	9
8	173	3	0	1	31	1	32	1	6	1	8
7	84	1	1	1	23	1	16	1	1	1	7
6	49	1	2	1	2	1	12	1	2	1	6
5	12	1	0	1	4	1	0	1	1	1	5
4	8	1	0	1	3	1	1	1	0	1	4
3	3	1	0	1	0	1	3	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	4	1	0	1	1
Avg (SD)	20.3 (6.6)		21.4 (5.3)		21.8 (6.6)		20.9 (5.2)		21.2 (5.4)		Avg (SD)

<sup>1</sup>Note: CP is the cumulative percent of students at or below a score point. Also, shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

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

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 <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	N	CP <sup>1</sup>	
18	390	100	112	100	410	100	475	100	570	100	82	100	93	100	18
17	403	96	207	99	561	96	667	96	546	95	177	99	21	99	17
16	519	93	567	97	609	91	821	89	386	89	223	98	462	99	16
15	356	88	657	92	635	85	811	81	607	86	376	95	622	95	15
14	615	84	643	85	593	79	877	74	885	80	1,010	92	904	89	14
13	633	78	868	79	755	73	341	66	810	72	877	82	1,191	80	13
12	706	72	1,107	71	1,023	66	882	62	1,125	64	985	74	1,209	69	12
11	1,043	66	1,104	61	830	57	914	54	753	53	1,265	65	1,047	57	11
10	900	56	1,326	50	831	49	816	45	860	46	1,886	53	1,849	48	10
9	1,058	47	836	38	1,326	41	718	38	972	38	1,244	35	957	30	9
8	875	37	1,010	30	847	28	720	31	1,132	29	851	23	824	21	8
7	728	29	629	20	938	20	951	24	1,106	18	520	15	565	13	7
6	668	22	502	14	492	12	558	15	584	8	480	10	118	8	6
5	777	16	404	10	275	7	645	10	136	2	337	6	371	7	5
4	421	9	322	6	226	4	215	4	62	1	157	3	215	3	4
3	323	5	238	3	136	2	107	2	39	1	32	1	30	1	3
2	148	2	47	1	67	1	69	1	12	1	70	1	81	1	2
1	26	1	10	1	35	1	2	1	4	1	17	1	30	1	1
Avg (SD)	10.0 (4.1)		10.4 (3.5)		10.9 (3.8)		11.1 (4.1)		11.2 (3.6)		10.5 (3.0)		10.8 (3.1)		Avg (SD)

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

**Table 2.3. ACT Score Quartile Values for All Students**

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	25	25	27	24	25
Q2 (50th Percentile)	20	21	21	21	21
Q1 (25th Percentile)	15	17	17	18	17

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>10,589</b>	<b>50</b>	<b>22.6</b>	<b>19.8</b>
	African Am./Black	381	40	17.6	15.0
	Am. Indian/Alaska Native	144	63	19.5	18.4
	Caucasian Am./White	6,480	55	23.2	20.8
	Hispanic	782	40	18.7	15.9
	Asian Am./Pacific Islander	854	57	22.0	19.8
	Other/No Response	1,948	37	22.9	19.8
National	<b>All Students</b>	<b>1,421,941</b>	<b>61</b>	<b>22.0</b>	<b>19.5</b>
	African Am./Black	178,417	58	17.7	16.0
	Am. Indian/Alaska Native	14,380	53	20.3	17.6
	Caucasian Am./White	895,588	64	22.9	20.4
	Hispanic	114,697	60	19.6	17.4
	Asian Am./Pacific Islander	51,368	71	23.4	21.4
	Other/No Response	167,491	52	22.5	20.1

**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	21.4	21.8	20.9	21.2
	African Am./Black	14.3	16.7	16.3	16.7	16.1
	Am. Indian/Alaska Native	17.8	18.9	20.0	18.8	19.0
	Caucasian Am./White	21.4	22.0	22.8	21.7	22.1
	Hispanic	14.9	17.7	17.0	17.5	16.9
	Asian Am./Pacific Islander	19.5	22.3	20.8	21.1	21.1
	Other/No Response	20.3	21.3	21.8	20.8	21.2
National	<b>All Students</b>	20.6	21.0	21.4	20.8	21.1
	African Am./Black	16.1	17.0	17.0	17.2	16.9
	Am. Indian/Alaska Native	18.1	18.8	19.6	19.2	19.0
	Caucasian Am./White	21.7	21.8	22.5	21.7	22.1
	Hispanic	17.7	19.0	18.9	18.7	18.7
	Asian Am./Pacific Islander	22.1	24.1	22.4	22.3	22.9
	Other/No Response	21.2	21.7	22.1	21.2	21.7

**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	446	4	333	3	721	7	226	2
	28 to 32	1,104	10	1,205	11	1,688	16	799	8
	24 to 27	1,675	16	2,251	21	1,623	15	2,097	20
	20 to 23	2,665	25	2,178	21	2,274	21	3,405	32
	16 to 19	2,020	19	3,247	31	2,126	20	2,527	24
	13 to 15	1,311	12	1,301	12	1,481	14	941	9
	01 to 12	1,368	13	74	1	676	6	594	6
National	33 to 36	52,735	4	40,359	3	63,798	4	26,499	2
	28 to 32	146,337	10	138,694	10	203,096	14	89,946	6
	24 to 27	237,950	17	283,854	20	231,039	16	281,932	20
	20 to 23	383,117	27	294,322	21	343,326	24	474,554	33
	16 to 19	293,110	21	466,291	33	312,300	22	359,785	25
	13 to 15	175,652	12	188,580	13	191,145	13	121,336	9
	01 to 12	133,040	9	9,841	1	77,237	5	67,889	5

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	4,707	44	19.8	21.9	21.6	21.4	21.3
	Females	5,387	51	20.6	20.8	21.9	20.6	21.1
	Missing	495	5	20.9	22.0	22.2	21.2	21.7
National	Males	625,887	44	20.1	21.6	21.2	21.3	21.2
	Females	764,282	54	21.0	20.4	21.5	20.4	21.0
	Missing	31,772	2	22.8	23.3	23.6	22.4	23.1

**Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender**

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	62	50	53	33	28
	Females	67	41	55	26	21
National	Males	65	47	51	32	26
	Females	70	38	53	24	19

**Table 2.9. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Overall High School Curriculum**

Student Group	Curriculum Taken <sup>2</sup>	N	English		Mathematics		Reading		Science		Composite <sup>1</sup>	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core	5,329	75	21.8	56	22.7	63	23.1	37	22.2	32	22.6
	Non-Core	3,893	55	18.7	33	20.0	45	20.4	21	19.7	17	19.8
	Missing	1,367	55	18.7	37	20.2	45	20.3	23	19.7	18	19.8
National	Core	873,743	75	21.6	50	21.9	59	22.3	33	21.6	27	22.0
	Non-Core	431,748	56	18.8	29	19.3	41	19.9	18	19.4	14	19.5
	Missing	116,450	62	19.9	42	20.8	48	20.8	27	20.3	23	20.6

<sup>1</sup>% under Composite heading reflects the percent of students who meet all four benchmarks

<sup>2</sup>"Curriculum Taken" reflects overall high school curriculum.

For instance, "Core" results correspond to students taking four years of English AND three years each of math, social studies, and natural science.

**Table 2.10. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates 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	8,296	69	20.8	8,469	50	21.9	7,237	58	22.4	7,020	35	21.8
	Non-Core	1,084	48	17.4	860	12	17.1	2,095	46	20.4	2,292	16	18.9
	Missing	1,209	57	18.9	1,260	38	20.3	1,257	46	20.4	1,277	23	19.9
National	Core	1,216,115	70	20.8	1,192,135	46	21.4	1,137,832	54	21.6	1,063,049	32	21.4
	Non-Core	111,558	57	18.8	124,104	14	17.4	183,026	45	20.4	253,561	13	18.7
	Missing	94,268	64	20.2	105,702	42	20.8	101,083	50	21.1	105,331	28	20.5

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

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



# Section III

## College Readiness and the Impact of Course Rigor

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

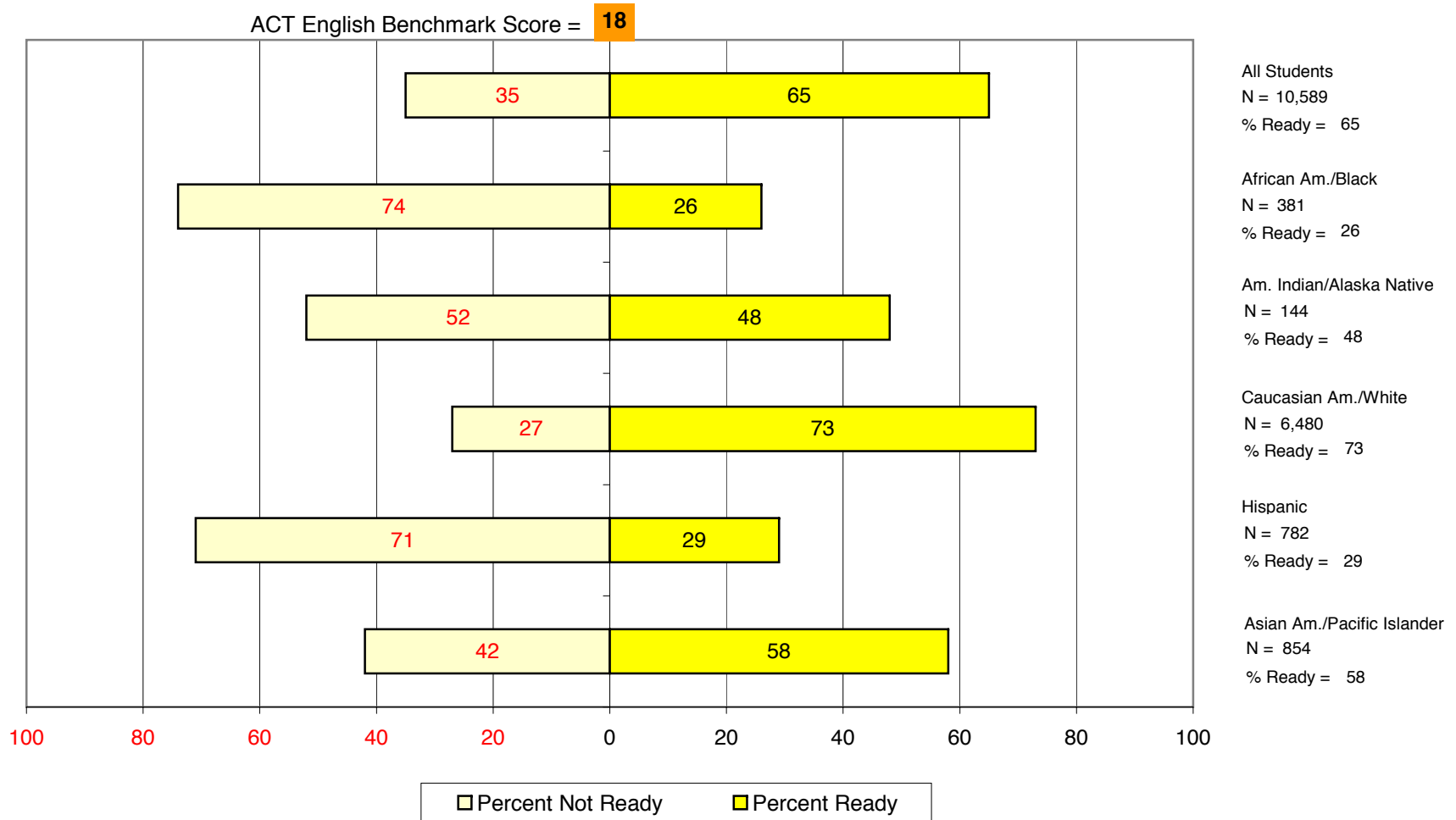


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

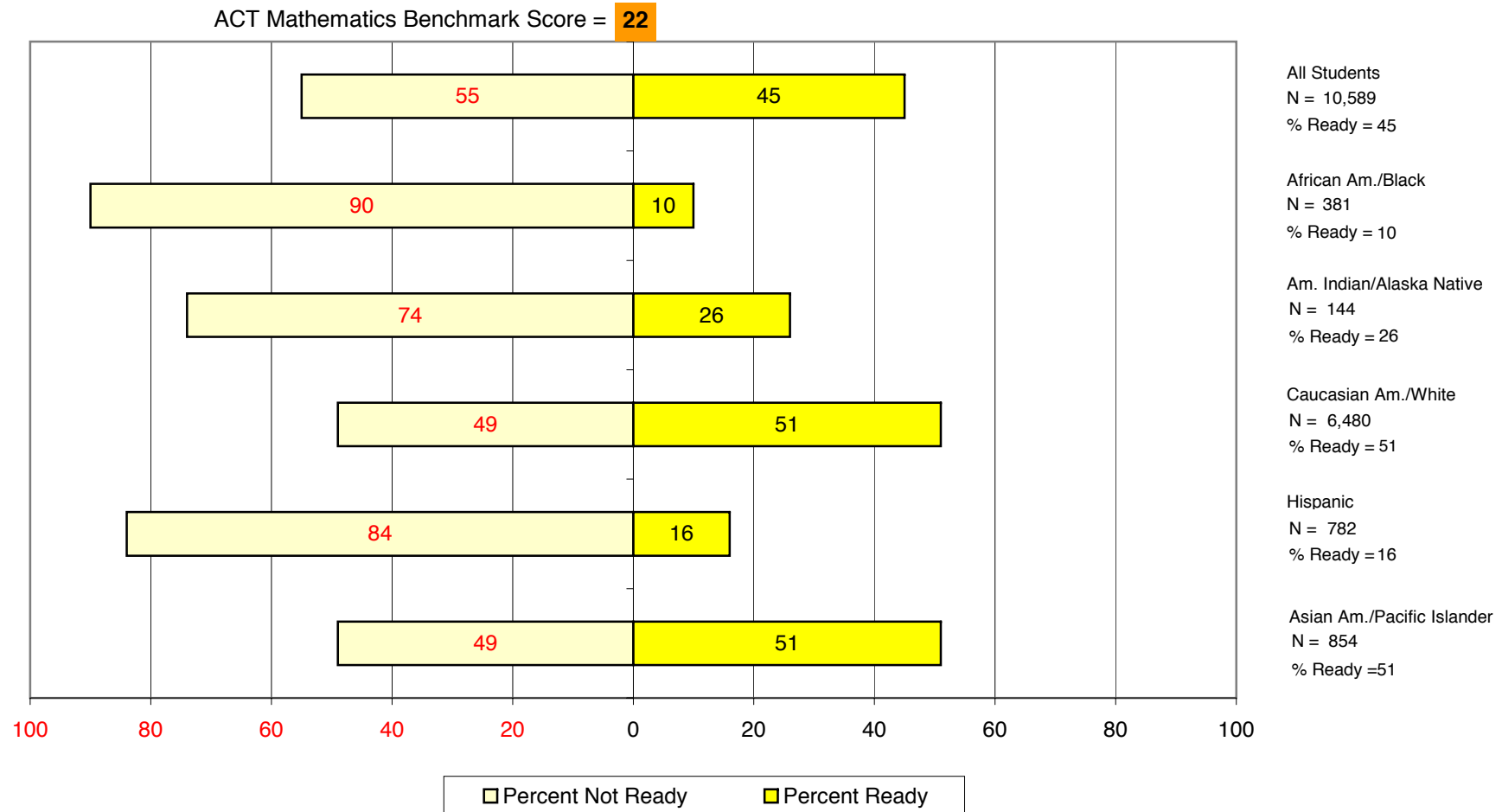


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

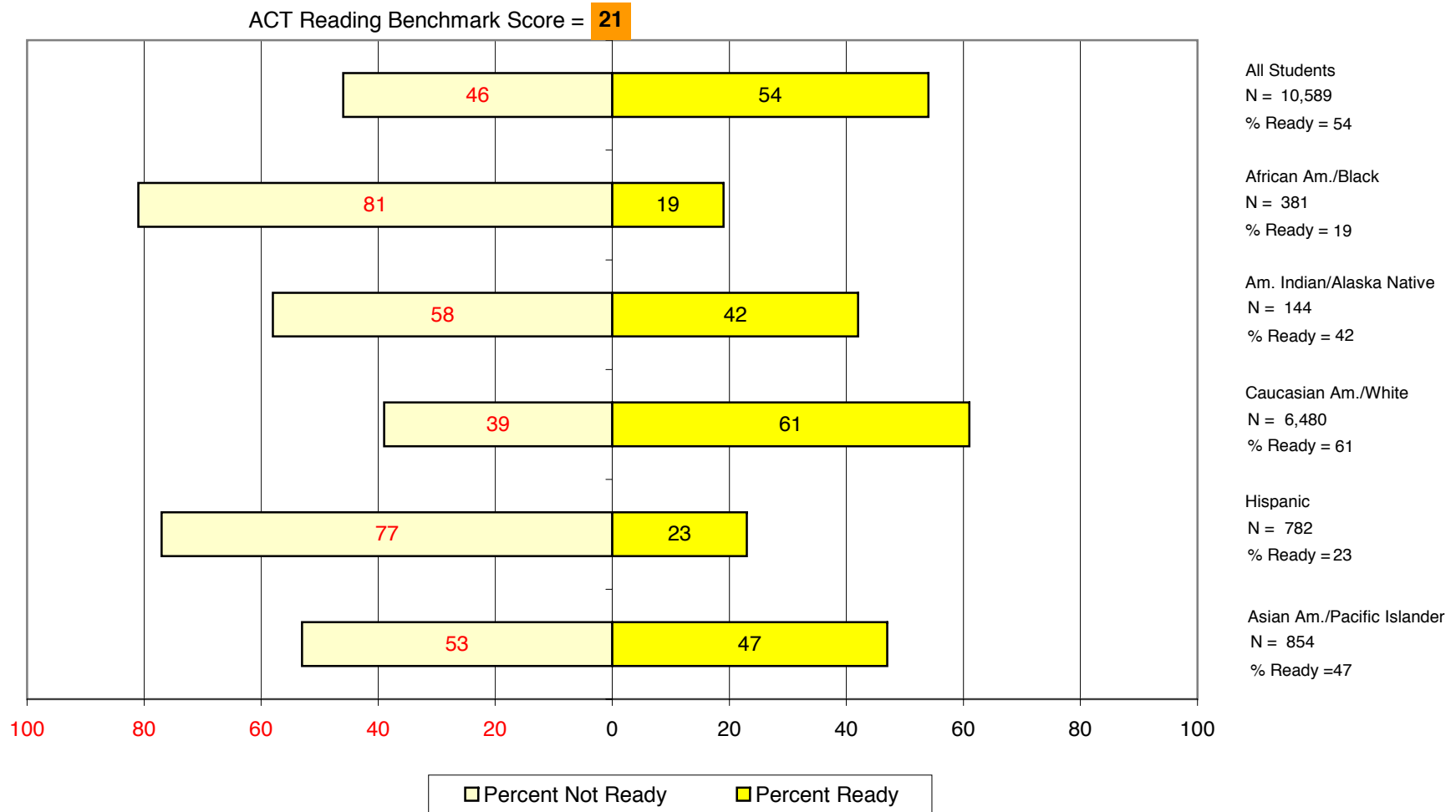


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

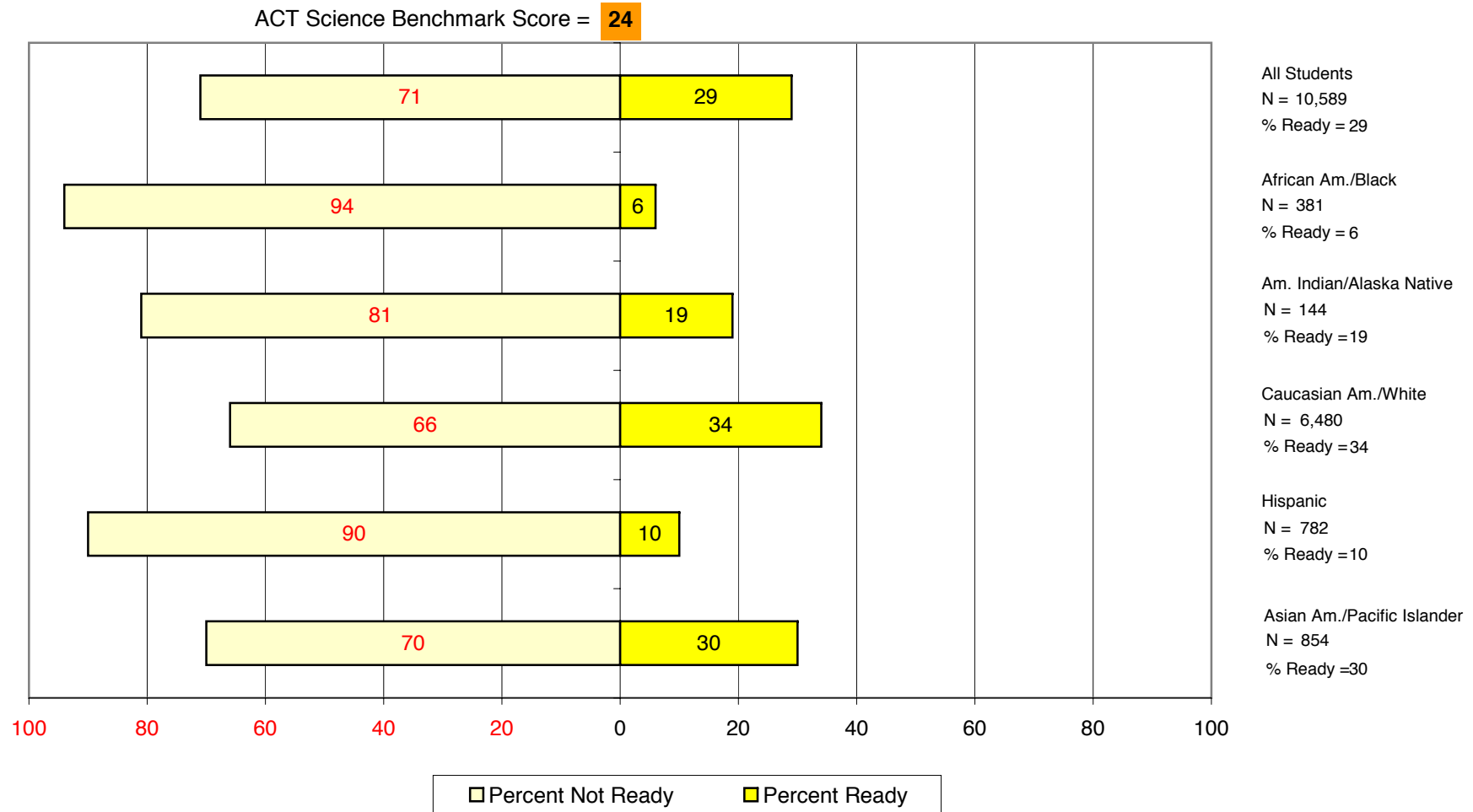
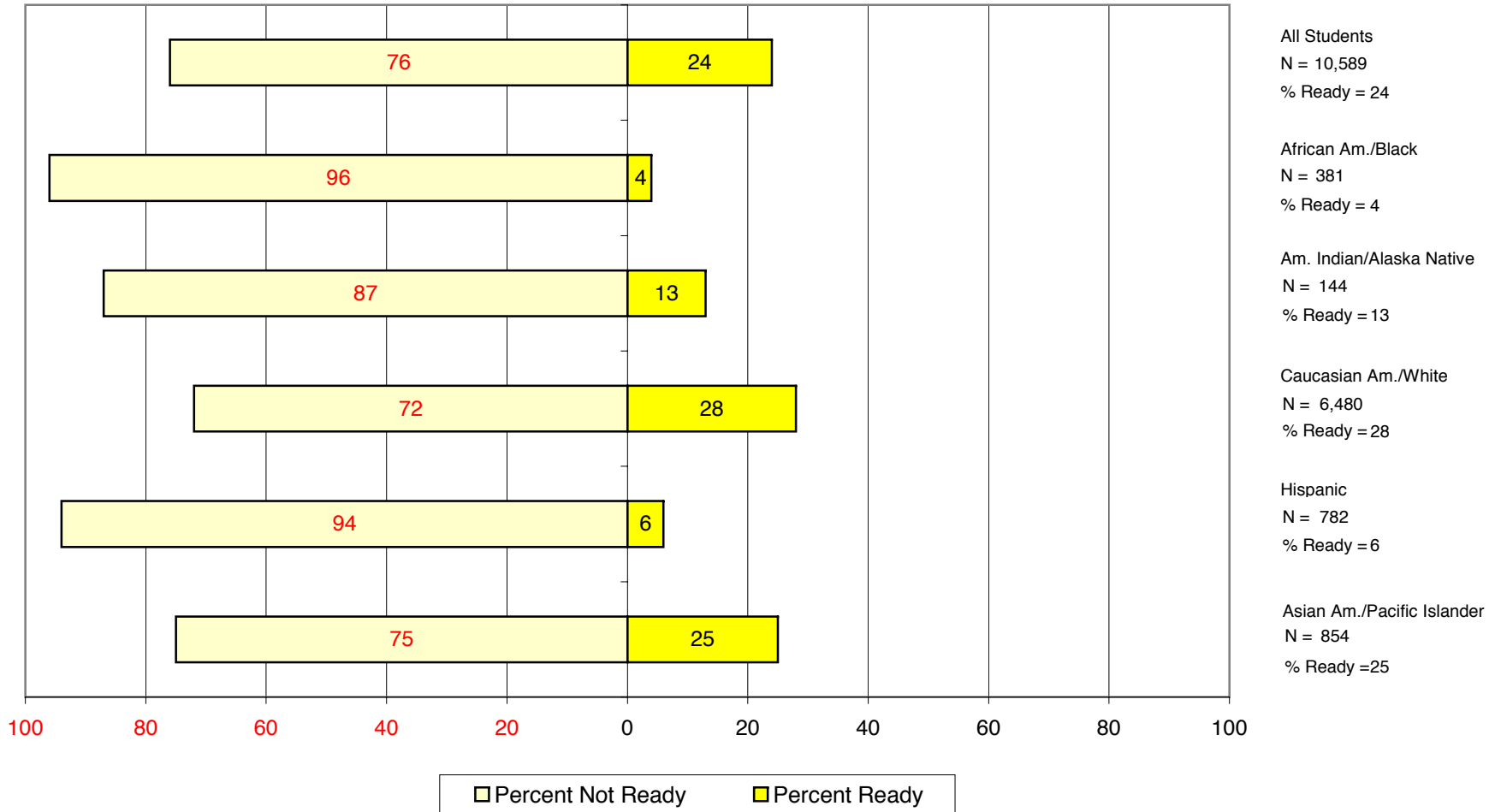


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



**Table 3.1. Average ACT Scores and ACT Average 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	1,644	16	21.7	4.3	643	14	21.4	4.4	978	18	22.0	4.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	6,652	63	20.6	3.2	3,087	66	20.3	3.3	3,487	65	20.9	3.3
Less than 4 years of English	1,090	10	17.4	-	537	11	17.0	-	525	10	17.6	-
No English course/grade information reported	1,203	11	18.9	-	440	9	17.3	-	397	7	19.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	844	8	25.1	7.9	407	9	25.6	8.2	428	8	24.5	7.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	694	7	22.5	5.3	253	5	23.1	5.7	430	8	22.2	5.3
Alg 1, Alg 2, Geom, & Trig	789	7	20.7	3.5	365	8	21.1	3.7	413	8	20.2	3.3
Alg 1, Alg 2, Geom, & Other Adv Math	1,231	12	20.8	3.6	434	9	21.6	4.2	783	15	20.3	3.4
Other comb of 4 or more years of Math	2,610	25	24.6	7.4	1,341	28	25.2	7.8	1,234	23	23.9	7.0
Alg 1, Alg 2, & Geom (Min. Core)	1,861	18	17.8	0.6	818	17	18.3	0.9	1,021	19	17.4	0.5
Other comb of 3 or 3.5 years of Math	440	4	22.1	4.9	196	4	22.0	4.6	229	4	21.9	5.0
Less than 3 years of Math	890	8	17.2	-	439	9	17.4	-	439	8	16.9	-
No Math course/grade information reported	1,230	12	20.3	-	454	10	19.8	-	410	8	19.8	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	216	2	24.3	3.9	98	2	24.2	4.1	114	2	24.4	3.7
Other comb of 4 or more years Social Science	3,635	34	22.5	2.1	1,573	33	22.5	2.4	2,032	38	22.5	1.8
US Hist, World Hist, & Am Gov (Min. Core)	401	4	21.8	1.4	188	4	21.6	1.5	203	4	22.1	1.4
Other comb of 3 or 3.5 years of Social Science	2,985	28	22.1	1.7	1,324	28	22.2	2.1	1,612	30	21.9	1.2
Less than 3 years of Social Science	2,109	20	20.4	-	1,066	23	20.1	-	1,008	19	20.7	-
No Soc Sci course/grade information reported	1,243	12	20.4	-	458	10	19.5	-	418	8	20.3	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	2,958	28	22.0	3.1	1,449	31	22.7	3.8	1,469	27	21.4	2.6
Bio, Chem, Phys	1,200	11	23.8	4.9	614	13	24.4	5.5	567	11	23.2	4.4
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	2,306	22	20.7	1.8	838	18	20.9	2.0	1,439	27	20.6	1.8
Other comb of 3 years of Natural Science	556	5	20.8	1.9	327	7	21.5	2.6	222	4	19.8	1.0
Less than 3 years of Natural Science	2,326	22	18.9	-	1,018	22	18.9	-	1,274	24	18.8	-
No Nat Sci course/grade information reported	1,243	12	19.9	-	461	10	19.2	-	416	8	19.7	-

<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.

**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	1,644	16	21.7	73	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	6,652	63	20.6	68	949,721	67	20.5	68
Less than 4 years of English	1,090	10	17.4	48	112,496	8	18.8	56
No English course/grade information reported	1,203	11	18.9	57	93,330	7	20.2	64
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	844	8	25.1	78	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	694	7	22.5	60	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	789	7	20.7	38	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	1,231	12	20.8	40	204,909	14	20.4	38
Other comb of 4 or more years of Math	2,610	25	24.6	72	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	1,861	18	17.8	14	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	440	4	22.1	52	70,951	5	20.8	41
Less than 3 years of Math	890	8	17.2	13	131,252	9	17.4	14
No Math course/grade information reported	1,230	12	20.3	38	98,554	7	21.1	44
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	216	2	24.3	69	42,546	3	22.7	61
Other comb of 4 or more years Social Science	3,635	34	22.5	59	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	401	4	21.8	55	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	2,985	28	22.1	56	404,731	28	21.3	52
Less than 3 years of Social Science	2,109	20	20.4	46	185,561	13	20.4	45
No Soc Sci course/grade information reported	1,243	12	20.4	46	98,548	7	21.1	50
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	2,958	28	22.0	37	453,654	32	22.2	38
Bio, Chem, Phys	1,200	11	23.8	51	134,033	9	23.2	47
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	2,306	22	20.7	26	435,183	31	20.1	20
Other comb of 3 years of Natural Science	556	5	20.8	29	40,179	3	20.1	22
Less than 3 years of Natural Science	2,326	22	18.9	16	259,142	18	18.7	13
No Nat Sci course/grade information reported	1,243	12	19.9	23	99,750	7	20.6	29

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



# Section IV

## Career and Educational Aspirations

**Table 4.1. Distribution of Planned Educational Majors for All Students and 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	116	1	18.8	13	2	14.2	91	1	19.7
Architecture & Environmental Design	252	2	21.1	9	2	15.6	224	3	21.4
Business & Management	958	9	20.8	38	6	15.2	864	11	21.0
Business & Office	42	0	18.1	8	1	13.9	32	0	19.1
Marketing & Distribution	117	1	19.3	9	2	16.0	99	1	19.8
Communications & Comm. Technologies	271	3	21.2	25	4	16.1	233	3	21.7
Community & Personal Services	238	2	18.2	38	6	15.9	173	2	19.0
Computer & Information Sciences	192	2	22.6	20	3	16.6	165	2	23.4
Cross-Disciplinary Studies	25	0	23.7	0	0	.	25	0	23.7
Education	326	3	20.8	11	2	16.5	298	4	21.0
Teacher Education	200	2	20.4	7	1	15.1	182	2	20.7
Engineering	521	5	23.2	35	6	14.6	453	6	23.9
Engineering-Related Technologies	237	2	21.8	18	3	14.8	195	2	22.6
Foreign Languages	90	1	22.8	4	1	20.0	76	1	23.0
Health Sciences & Allied Health Fields	1,479	14	21.0	64	11	16.4	1,324	17	21.4
Human, Family & Consumer Science	119	1	18.3	24	4	16.1	87	1	19.2
Letters	117	1	23.6	5	1	21.4	107	1	23.9
Mathematics	45	0	26.4	1	0	16.0	39	0	27.1
Philosophy, Religion & Theology	77	1	22.0	5	1	16.8	66	1	22.6
Sciences (Biological & Physical)	579	5	24.0	10	2	18.9	536	7	24.0
Social Sciences	701	7	23.0	9	2	17.8	654	8	23.2
Trade & Industrial	100	1	17.8	40	7	15.9	50	1	19.3
Visual & Performing Arts	799	8	20.5	77	13	16.3	640	8	21.1
Undecided	1,142	11	21.8	75	13	16.0	911	12	22.5
No Response	1,846	17	20.0	40	7	14.6	277	4	22.2

<sup>1</sup>2-Year and 4-Year N's do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N for *All Students*.

<sup>2</sup>Percent of students tested.

**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-Am./ Black		Am. Indian/ Alaska Native		Caucasian-Am./ White		Hispanic		Asian-Am./ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	114	15.8	3	14.3	1	18.0	60	16.9	21	12.9	8	15.4	21	15.6
2-yr College Degree	471	16.0	27	13.8	5	14.6	243	16.9	89	14.3	33	15.5	74	15.8
Bachelors Degree	3,159	20.3	116	15.6	38	18.8	2,178	21.1	216	16.9	209	19.2	402	20.2
Graduate Study	2,080	23.2	58	16.8	28	20.8	1,470	23.9	84	19.3	164	22.4	276	23.2
Prof. Level Degree	2,562	22.9	81	18.2	37	21.6	1,545	23.7	187	18.9	320	23.0	392	23.0
Other	343	17.7	21	14.0	1	14.0	190	18.8	43	14.7	26	17.1	62	18.0
No Response	1,860	20.3	75	15.5	34	15.5	794	21.3	142	15.7	94	20.1	721	21.0

**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 OREGON	Oregon	2,891	1,102	1,789	3	12	27	29	20	9	1
OREGON STATE UNIVERSITY	Oregon	2,787	1,064	1,723	3	11	28	30	19	8	1
PORTLAND STATE UNIVERSITY	Oregon	1,766	476	1,290	6	18	33	26	12	5	0
PORTLAND COMMUNITY COLLEGE	Oregon	938	336	602	12	28	37	17	5	1	0
UNIVERSITY OF PORTLAND	Oregon	886	182	704	5	17	28	27	16	8	1
UNIVERSITY OF WASHINGTON	Washington	606	137	469	0	5	16	28	32	16	3
WESTERN OREGON UNIVERSITY	Oregon	564	184	380	4	15	35	29	13	4	0
SOUTHERN OREGON UNIVERSITY	Oregon	386	101	285	2	9	35	31	17	6	1
BRIGHAM YOUNG UNIVERSITY	Utah	351	218	133	1	3	9	35	30	20	3
PACIFIC UNIVERSITY	Oregon	326	94	232	4	14	34	23	17	6	0
ART INSTITUTE OF PORTLAND THE	Oregon	312	116	196	8	20	38	22	9	2	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	299	119	180	0	5	14	37	28	14	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	286	74	212	3	9	22	26	21	18	2
LINFIELD COLLEGE	Oregon	282	65	217	1	9	22	33	26	7	1
GEORGE FOX UNIVERSITY	Oregon	281	77	204	1	12	31	26	21	8	1
LEWIS AND CLARK COLLEGE	Oregon	278	38	240	5	12	21	23	22	15	1
STANFORD UNIVERSITY	California	247	61	186	0	3	10	15	26	36	10
OREGON INSTITUTE OF TECHNOLOGY	Oregon	243	82	161	4	12	28	31	16	7	2
WASHINGTON STATE UNIVERSITY	Washington	233	36	197	2	8	25	30	23	11	1
GONZAGA UNIVERSITY	Washington	229	52	177	1	3	13	29	35	17	2
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	215	70	145	2	15	36	24	14	7	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	215	53	162	2	9	24	26	25	13	1
MOUNT HOOD COMMUNITY COLLEGE	Oregon	212	54	158	17	24	37	17	4	2	0
WILLAMETTE UNIVERSITY	Oregon	197	33	164	4	10	19	24	25	16	1
EASTERN OREGON UNIVERSITY	Oregon	180	44	136	2	14	30	36	13	4	1
NCAA ELIGIBILITY CENTER	Indiana	173	77	96	3	16	27	28	13	10	2
UNIVERSITY OF ARIZONA	Arizona	169	29	140	4	16	28	28	17	7	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	163	43	120	1	4	11	23	25	33	4
REED COLLEGE	Oregon	157	44	113	4	6	13	24	25	22	6
SEATTLE UNIVERSITY	Washington	143	22	121	1	6	22	31	24	15	0
All Other Institutions		9,844	2,382	7,462	4	11	20	25	22	15	3
<b>Total</b>		<b>25,859</b>	<b>7,465</b>	<b>18,394</b>	<b>4</b>	<b>12</b>	<b>25</b>	<b>27</b>	<b>20</b>	<b>11</b>	<b>2</b>

# Section V

## Optional Writing Test Results

**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>9,247</b>	<b>770,529</b>	<b>20.2</b>	<b>21.4</b>	<b>6.9</b>	<b>7.3</b>	<b>19.7</b>	<b>20.9</b>
African Am./Black	343	86,049	14.2	16.6	5.8	6.5	14.2	16.6
Am. Indian/Alaska Native	125	5,148	17.7	18.9	6.2	6.7	17.1	18.5
Caucasian Am./White	5,466	464,177	21.4	22.5	7.2	7.4	20.8	21.8
Hispanic	714	71,060	14.7	18.3	6.0	7.1	14.7	18.5
Asian Am./Pacific Islander	803	37,359	19.7	23.1	7.0	7.9	19.3	22.6
Other/No Response	1,796	106,736	20.2	22.2	6.9	7.5	19.6	21.7
Males	4,119	327,613	19.7	20.9	6.6	7.0	18.9	20.2
Females	4,657	421,968	20.6	21.7	7.2	7.6	20.3	21.3
Missing	471	20,948	20.9	23.9	7.1	7.9	20.3	23.2



