

# ACT High School Profile Report

The Graduating Class of 2007  
Oregon





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Oregon

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This report provides information about the performance of your 2007 graduating seniors who took the ACT as sophomores, juniors, or seniors.

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

28% of 2007 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.** 6,401 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. 40% 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 12% of the cohort took less than three years of math courses. Of these students, 28% were college ready. 15% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 17% of these students were college ready. In comparison, 66% 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 25% of the cohort took less than three years of natural science courses. 19% of these students were college ready. In comparison, 40% 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 38% 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).

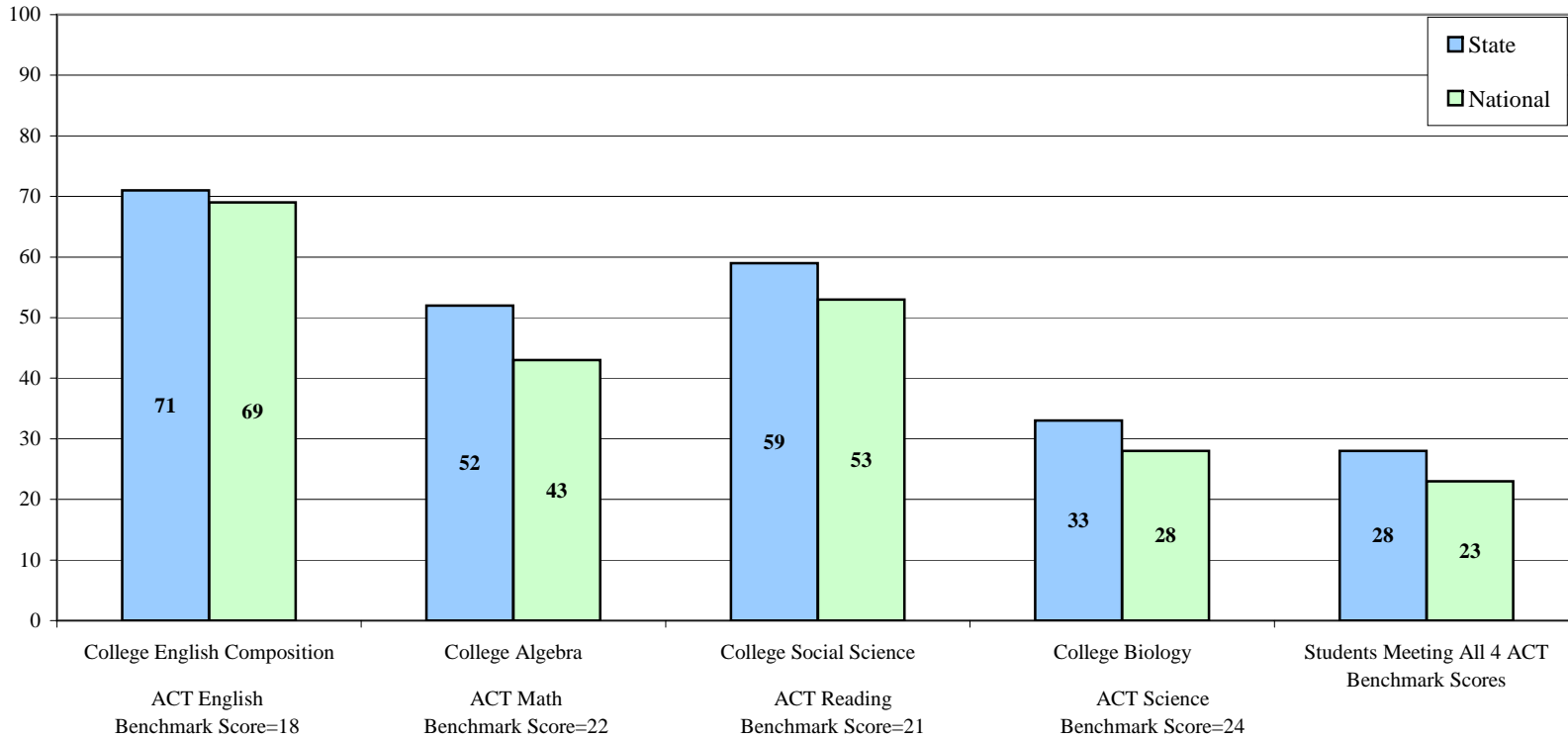
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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
2003	4,165	1,175,059	77	67	54	40	67	52	35	26	30	20
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
<b>2007</b>	<b>6,401</b>	<b>1,300,599</b>	<b>71</b>	<b>69</b>	<b>52</b>	<b>43</b>	<b>59</b>	<b>53</b>	<b>33</b>	<b>28</b>	<b>28</b>	<b>23</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
2003	4,165	1,175,059	21.9	20.3	22.3	20.6	23.5	21.2	22.2	20.8	22.6	20.8
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
<b>2007</b>	<b>6,401</b>	<b>1,300,599</b>	<b>21.2</b>	<b>20.7</b>	<b>22.1</b>	<b>21.0</b>	<b>22.5</b>	<b>21.5</b>	<b>21.8</b>	<b>21.0</b>	<b>22.0</b>	<b>21.2</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
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
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
<b>2007</b>	<b>1,300,599</b>	<b>20.7</b>	<b>21.0</b>	<b>21.5</b>	<b>21.0</b>	<b>21.2</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
2003	2,174	1,521	52	37	22.8	20.7	23.3	21.1	24.3	22.4	22.9	21.2	23.5	21.4
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
<b>2007</b>	<b>2,538</b>	<b>2,939</b>	<b>40</b>	<b>46</b>	<b>23.1</b>	<b>19.7</b>	<b>23.7</b>	<b>20.8</b>	<b>24.3</b>	<b>21.2</b>	<b>23.2</b>	<b>20.6</b>	<b>23.7</b>	<b>20.7</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**

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>4,165</b>	<b>100</b>	<b>22.6</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>
African American/Black	78	2	18.2	92	2	17.2	93	2	17.9	91	2	17.3	142	2	16.7
American Indian/Alaska Native	44	1	17.4	63	2	18.8	92	2	17.6	99	2	18.2	80	1	18.8
Caucasian American/White	3,171	76	22.9	2,987	72	22.9	2,807	71	23.0	2,834	64	23.0	3,943	62	22.6
Hispanic	155	4	18.8	186	4	18.2	207	5	18.8	261	6	18.2	436	7	17.3
Asian American/Pacific Islander	245	6	21.8	228	6	22.9	220	6	23.1	245	6	21.9	545	9	21.7
Other/No Response	472	11	23.4	589	14	23.3	524	13	23.1	879	20	22.8	1,255	20	22.7

# 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	11	100	24	100	49	100	37	100	2	100	36
35	75	100	59	100	126	99	68	99	28	100	35
34	125	99	103	99	164	97	24	98	35	100	34
33	98	97	61	97	170	95	77	98	69	99	33
32	95	95	111	96	177	92	68	97	123	98	32
31	147	94	133	94	201	89	79	96	142	96	31
30	135	91	140	92	218	86	124	94	182	94	30
29	227	89	234	90	267	83	118	93	243	91	29
28	250	86	216	86	294	79	156	91	253	87	28
27	220	82	334	83	268	74	205	88	287	83	27
26	240	78	364	78	263	70	348	85	353	79	26
25	359	75	385	72	261	66	359	80	367	73	25
24	321	69	437	66	323	62	469	74	410	67	24
23	354	64	341	59	393	57	550	67	452	61	23
22	374	58	361	54	264	50	613	58	447	54	22
21	451	53	370	48	365	46	506	49	442	47	21
20	456	46	310	43	400	41	571	41	408	40	20
19	345	38	394	38	323	34	502	32	401	34	19
18	243	33	361	32	241	29	368	24	378	27	18
17	257	29	459	26	267	26	251	18	315	22	17
16	307	25	503	19	327	21	295	14	287	17	16
15	283	20	383	11	214	16	146	10	256	12	15
14	233	16	214	5	274	13	135	7	215	8	14
13	164	12	60	2	219	9	103	5	153	5	13
12	153	10	30	1	135	5	95	4	78	2	12
11	153	7	11	1	102	3	55	2	45	1	11
10	132	5	1	1	41	1	43	1	15	1	10
9	75	3	0	1	19	1	17	1	12	1	9
8	53	2	2	1	8	1	14	1	2	1	8
7	44	1	0	1	14	1	1	1	1	1	7
6	9	1	0	1	8	1	2	1	0	1	6
5	10	1	0	1	2	1	1	1	0	1	5
4	1	1	0	1	3	1	0	1	0	1	4
3	1	1	0	1	0	1	1	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)	21.2 (6.4)		22.1 (5.4)		22.5 (6.6)		21.8 (5.1)		22.0 (5.3)		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	219	100	50	100	191	100	316	100	276	100	95	100	79	100	18
17	411	97	170	99	476	97	519	95	406	96	97	99	110	99	17
16	318	90	327	97	408	90	547	87	444	89	235	97	192	97	16
15	280	85	482	91	393	83	538	78	468	82	393	93	504	94	15
14	497	81	508	84	481	77	527	70	557	75	539	87	557	86	14
13	387	73	557	76	421	70	515	62	599	66	742	79	837	77	13
12	531	67	715	67	649	63	613	54	538	57	562	67	733	64	12
11	505	59	778	56	531	53	409	44	505	49	794	58	806	53	11
10	674	51	723	44	624	45	441	38	676	41	1,047	46	789	40	10
9	506	40	541	33	535	35	417	31	434	30	613	30	693	28	9
8	513	32	598	24	590	26	363	24	549	23	511	20	402	17	8
7	417	24	370	15	484	17	428	19	581	15	315	12	310	11	7
6	326	18	240	9	246	10	332	12	248	6	109	7	55	6	6
5	397	13	152	5	166	6	194	7	69	2	207	5	170	5	5
4	205	7	128	3	82	3	186	4	34	1	71	2	34	3	4
3	156	3	47	1	66	2	40	1	14	1	38	1	93	2	3
2	46	1	12	1	36	1	15	1	3	1	7	1	27	1	2
1	13	1	3	1	22	1	1	1	0	1	26	1	10	1	1
Avg (SD)	10.6 (4.0)		11.0 (3.3)		11.2 (3.8)		11.7 (4.0)		11.7 (3.5)		11.0 (3.1)		11.2 (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)	26	26	28	25	26
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	16	17	17	19	18

**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>6,401</b>	<b>40</b>	<b>23.7</b>	<b>20.7</b>
	African Am./Black	142	36	17.6	16.0
	Am. Indian/Alaska Native	80	26	24.6	19.2
	Caucasian Am./White	3,943	43	24.1	21.3
	Hispanic	436	28	20.0	16.5
	Asian Am./Pacific Islander	545	42	23.4	20.2
	Other/No Response	1,255	33	24.2	21.4
National	<b>All Students</b>	<b>1,300,599</b>	<b>51</b>	<b>22.0</b>	<b>19.8</b>
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

**Table 2.5. Average ACT Scores by Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	21.2	22.1	22.5	21.8	22.0
	African Am./Black	15.5	17.3	16.6	17.0	16.7
	Am. Indian/Alaska Native	17.7	18.9	19.8	18.4	18.8
	Caucasian Am./White	22.0	22.4	23.3	22.3	22.6
	Hispanic	15.4	18.1	17.5	17.9	17.3
	Asian Am./Pacific Islander	20.4	23.2	21.3	21.5	21.7
	Other/No Response	21.9	22.6	23.3	22.3	22.7
National	<b>All Students</b>	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

**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	309	5	247	4	509	8	206	3
	28 to 32	854	13	834	13	1,157	18	545	9
	24 to 27	1,140	18	1,520	24	1,115	17	1,381	22
	20 to 23	1,635	26	1,382	22	1,422	22	2,240	35
	16 to 19	1,152	18	1,717	27	1,158	18	1,416	22
	13 to 15	680	11	657	10	707	11	384	6
	01 to 12	631	10	44	1	333	5	229	4
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

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

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	2,663	42	20.4	22.6	21.9	22.1	21.9
	Females	3,289	51	21.7	21.6	22.9	21.4	22.0
	Missing	449	7	22.2	22.8	23.5	22.5	22.9
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

**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	66	55	57	37	31
	Females	73	48	61	30	25
National	Males	66	47	51	32	26
	Females	71	38	53	24	20





# 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

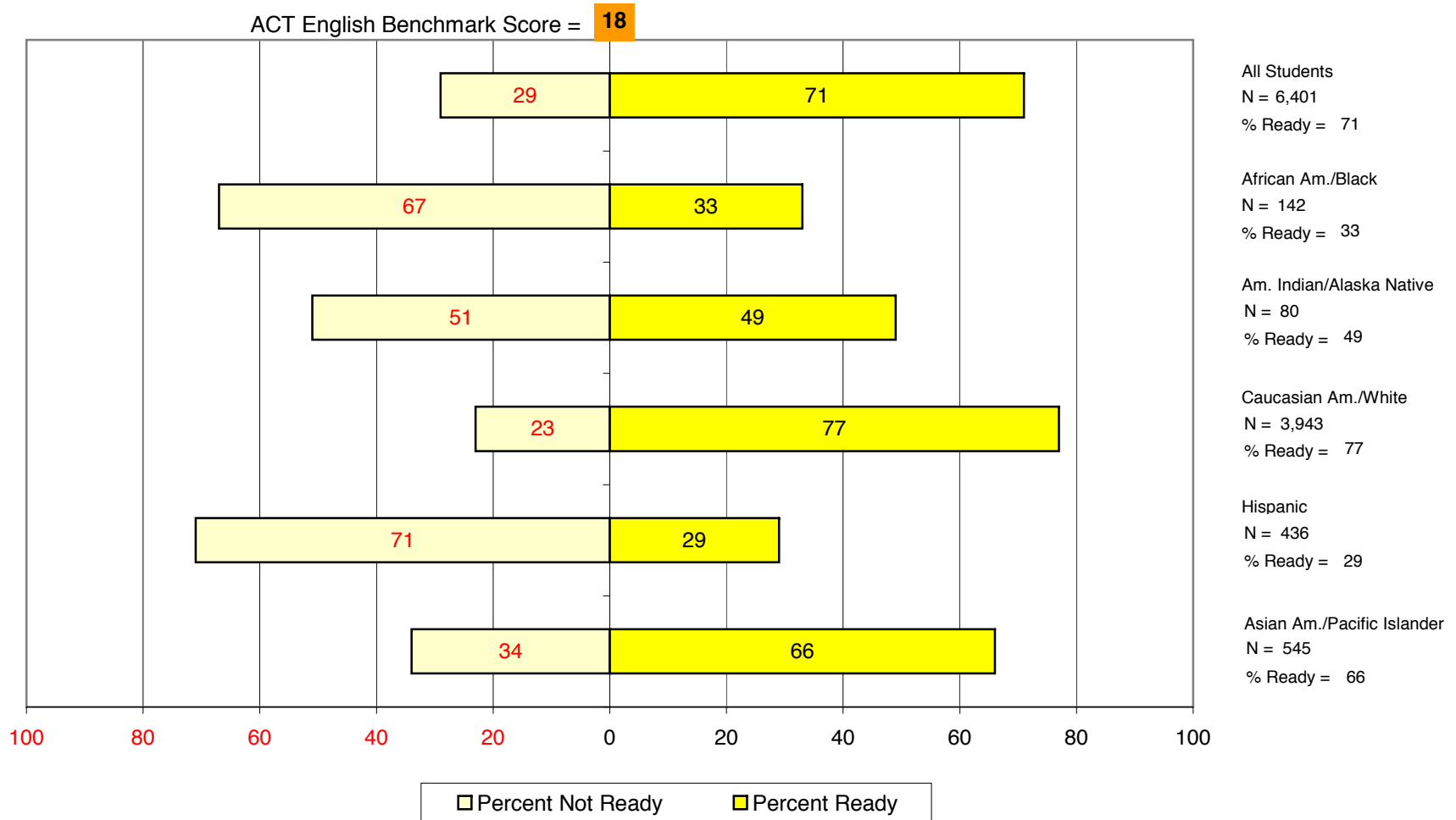


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

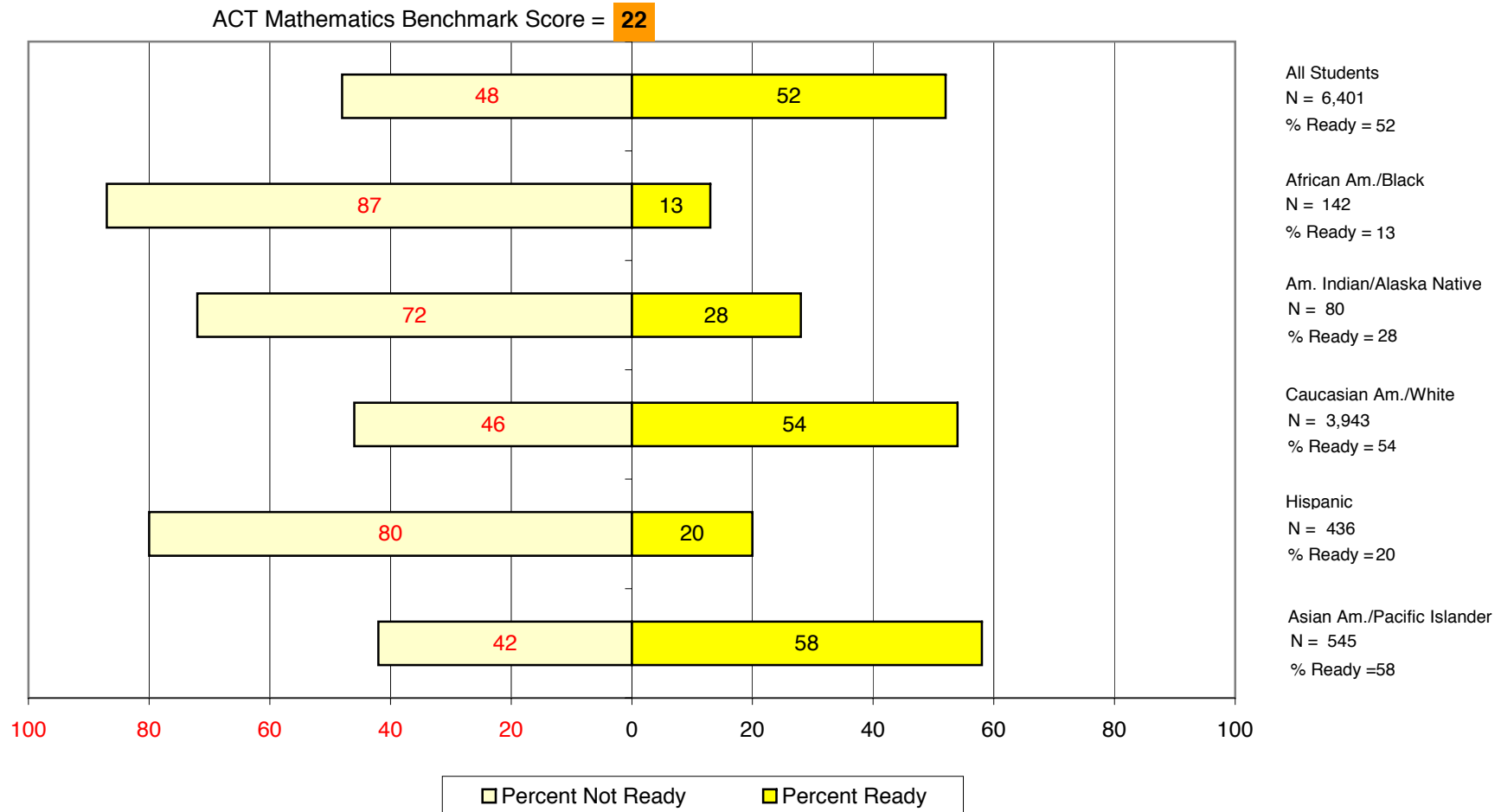


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

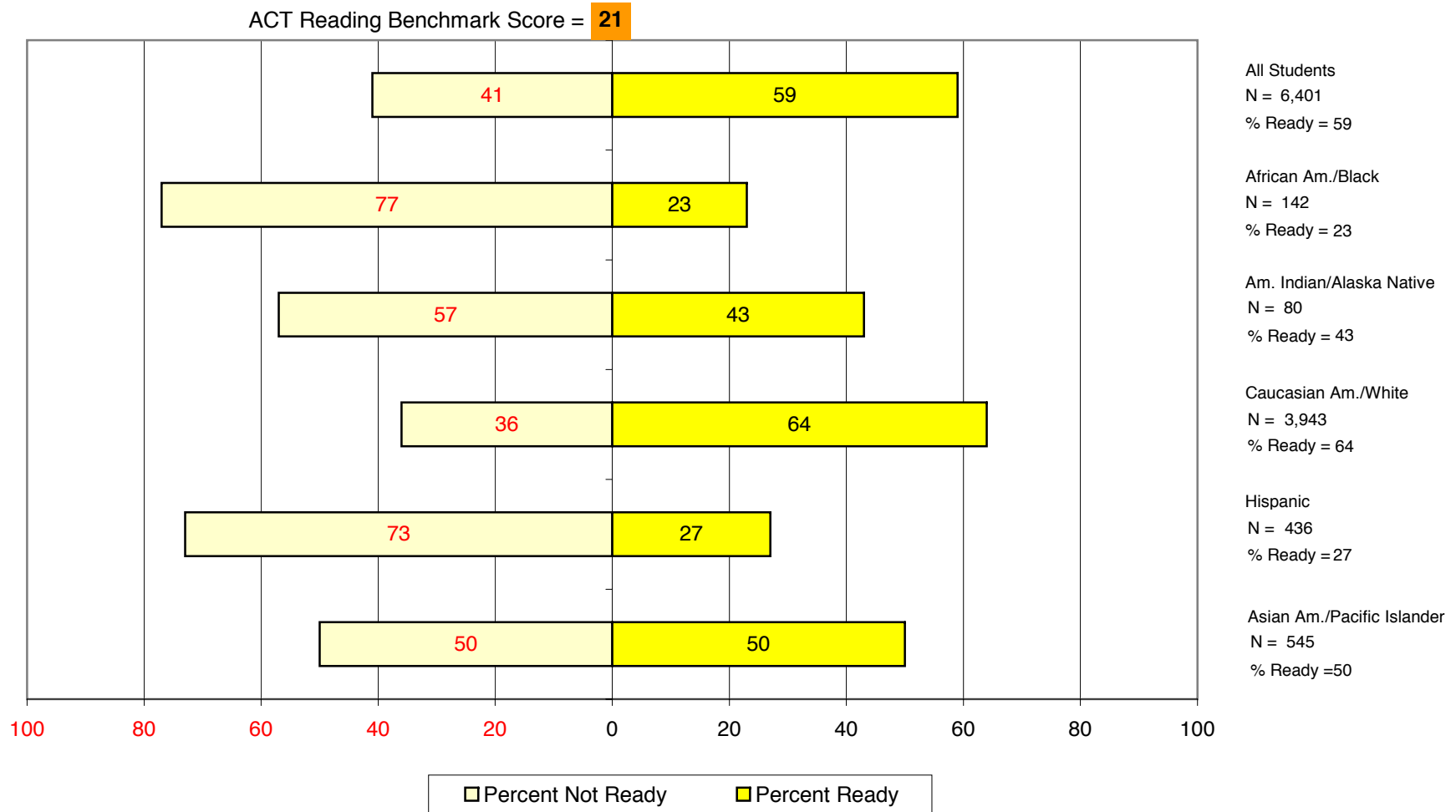


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

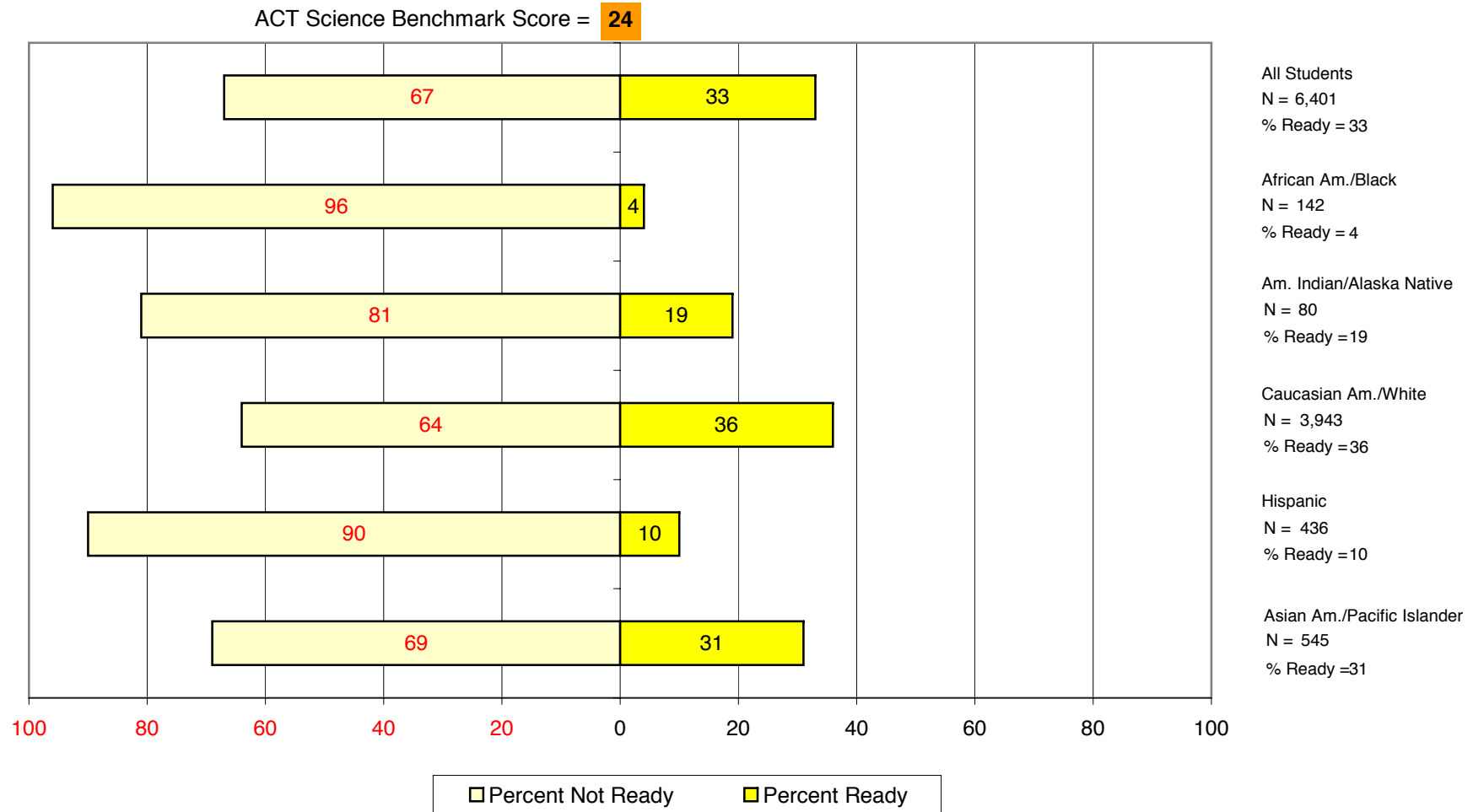
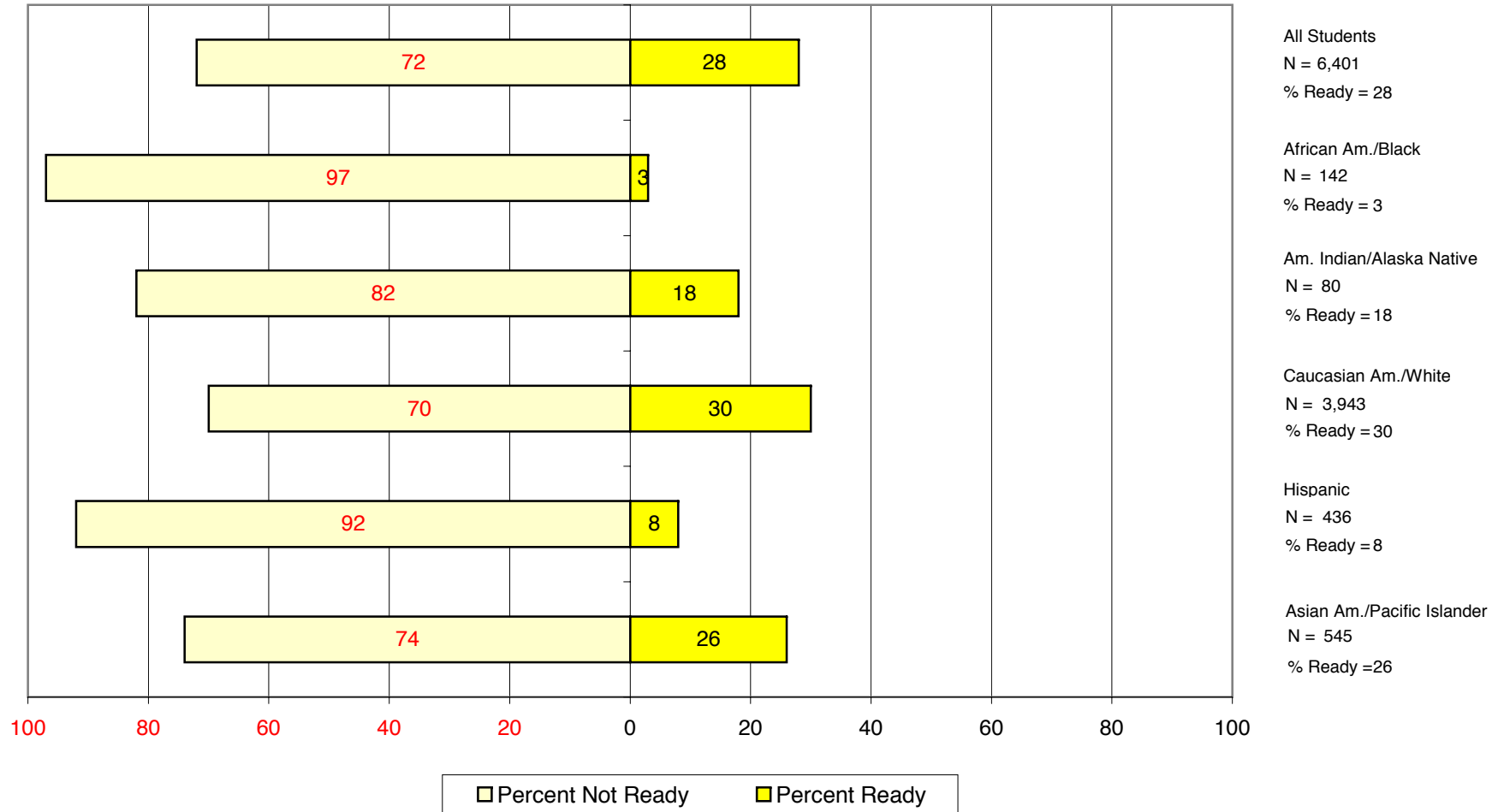


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



**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	895	14	21.9	2.6	337	13	20.8	2.5	524	16	22.5	2.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	3,607	56	21.7	2.4	1,519	57	21.1	2.8	1,885	57	22.1	2.0
Less than 4 years of English	929	15	19.3	-	423	16	18.3	-	460	14	20.1	-
No English course/grade information reported	970	15	20.6	-	384	14	20.0	-	420	13	20.6	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	467	7	26.0	6.9	197	7	26.2	7.1	248	8	25.9	7.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	415	6	23.2	4.1	149	6	23.9	4.8	239	7	22.6	3.8
Alg 1, Alg 2, Geom, & Trig	431	7	21.6	2.5	184	7	21.8	2.7	219	7	21.4	2.6
Alg 1, Alg 2, Geom, & Other Adv Math	710	11	21.0	1.9	250	9	21.2	2.1	420	13	20.9	2.1
Other comb of 4 or more years of Math	1,337	21	25.6	6.5	619	23	26.5	7.4	658	20	24.7	5.9
Alg 1, Alg 2, & Geom (Min. Core)	963	15	18.3	-0.8	379	14	18.6	-0.5	543	17	18.1	-0.7
Other comb of 3 or 3.5 years of Math	287	4	23.3	4.2	129	5	22.7	3.6	137	4	23.6	4.8
Less than 3 years of Math	760	12	19.1	-	346	13	19.1	-	376	11	18.8	-
No Math course/grade information reported	1,031	16	21.7	-	410	15	22.4	-	449	14	20.5	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	127	2	24.5	3.5	56	2	23.7	3.4	60	2	25.3	3.8
Other comb of 4 or more years Social Science	1,551	24	23.6	2.6	568	21	23.2	2.9	912	28	23.9	2.4
US Hist, World Hist, & Am Gov (Min. Core)	257	4	22.7	1.7	119	4	21.3	1.0	116	4	24.1	2.6
Other comb of 3 or 3.5 years of Social Science	1,633	26	23.5	2.5	651	24	23.1	2.8	893	27	23.7	2.2
Less than 3 years of Social Science	1,782	28	21.0	-	851	32	20.3	-	851	26	21.5	-
No Soc Sci course/grade information reported	1,051	16	21.9	-	418	16	21.7	-	457	14	21.4	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	1,422	22	23.3	3.5	635	24	23.8	4.1	707	21	22.7	2.9
Bio, Chem, Phys	684	11	24.3	4.5	321	12	24.6	4.9	325	10	24.1	4.3
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	1,238	19	21.4	1.6	408	15	21.2	1.5	764	23	21.4	1.6
Other comb of 3 years of Natural Science	356	6	21.9	2.1	196	7	22.4	2.7	147	4	21.1	1.3
Less than 3 years of Natural Science	1,612	25	19.8	-	678	25	19.7	-	862	26	19.8	-
No Nat Sci course/grade information reported	1,089	17	21.4	-	425	16	22.2	-	484	15	20.3	-

<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	895	14	21.9	76	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	3,607	56	21.7	74	766,001	59	20.5	68
Less than 4 years of English	929	15	19.3	58	141,777	11	19.7	64
No English course/grade information reported	970	15	20.6	67	201,619	16	20.7	69
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	467	7	26.0	81	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	415	6	23.2	67	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	431	7	21.6	48	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	710	11	21.0	44	163,562	13	20.4	38
Other comb of 4 or more years of Math	1,337	21	25.6	79	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	963	15	18.3	17	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	287	4	23.3	61	57,945	4	20.9	43
Less than 3 years of Math	760	12	19.1	28	145,617	11	18.3	21
No Math course/grade information reported	1,031	16	21.7	50	211,787	16	21.1	44
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	127	2	24.5	72	31,985	2	22.7	61
Other comb of 4 or more years Social Science	1,551	24	23.6	66	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	257	4	22.7	58	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	1,633	26	23.5	65	333,689	26	21.4	52
Less than 3 years of Social Science	1,782	28	21.0	50	201,605	16	20.6	47
No Soc Sci course/grade information reported	1,051	16	21.9	55	212,012	16	21.5	53
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	1,422	22	23.3	44	333,648	26	22.4	40
Bio, Chem, Phys	684	11	24.3	55	115,297	9	23.4	48
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	1,238	19	21.4	29	353,348	27	20.2	20
Other comb of 3 years of Natural Science	356	6	21.9	34	32,593	3	20.4	24
Less than 3 years of Natural Science	1,612	25	19.8	19	247,312	19	19.1	15
No Nat Sci course/grade information reported	1,089	17	21.4	32	218,401	17	20.9	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	46	1	18.7	5	2	17.2	39	1	19.1
Architecture & Environmental Design	105	2	21.4	4	2	16.5	94	2	21.7
Business & Management	421	7	20.8	21	10	16.0	372	8	21.2
Business & Office	17	0	19.9	2	1	21.5	15	0	19.7
Marketing & Distribution	64	1	19.4	2	1	18.5	56	1	19.8
Communications & Comm. Technologies	150	2	22.4	8	4	17.6	134	3	22.6
Community & Personal Services	89	1	19.0	16	7	16.1	65	1	20.1
Computer & Information Sciences	98	2	22.9	5	2	16.8	90	2	23.4
Cross-Disciplinary Studies	13	0	24.7	0	0	.	12	0	25.2
Education	143	2	21.2	3	1	13.7	137	3	21.5
Teacher Education	87	1	20.9	3	1	17.0	79	2	21.1
Engineering	274	4	23.8	9	4	14.7	252	5	24.3
Engineering-Related Technologies	114	2	22.7	8	4	17.0	101	2	23.0
Foreign Languages	52	1	23.0	2	1	15.0	46	1	23.6
Health Sciences & Allied Health Fields	765	12	21.8	23	11	17.6	721	15	22.0
Human, Family & Consumer Science	45	1	19.0	7	3	16.1	37	1	19.6
Letters	48	1	24.4	0	0	.	44	1	25.0
Mathematics	28	0	24.0	0	0	.	28	1	24.0
Philosophy, Religion & Theology	39	1	23.3	1	0	26.0	36	1	23.5
Sciences (Biological & Physical)	280	4	25.2	2	1	17.0	271	6	25.4
Social Sciences	380	6	23.7	1	0	12.0	368	8	23.8
Trade & Industrial	29	0	17.6	9	4	17.8	13	0	18.7
Visual & Performing Arts	409	6	20.8	26	12	17.3	351	7	21.2
Undecided	809	13	22.0	26	12	15.7	707	15	22.5
No Response	1,896	30	21.9	31	14	14.3	638	14	22.9

<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	46	15.8	1	19.0	0	.	20	16.6	10	14.9	1	15.0	14	15.4
2-yr College Degree	168	16.4	7	15.7	1	20.0	83	17.9	43	14.3	10	17.2	24	14.9
Bachelors Degree	1,777	20.7	31	15.4	21	21.2	1,252	21.2	113	17.1	115	19.0	245	21.1
Graduate Study	1,384	23.6	38	17.6	7	21.6	952	24.2	58	20.3	91	22.0	238	24.1
Prof. Level Degree	1,545	23.6	29	17.2	12	22.7	925	24.0	81	19.4	207	23.8	291	24.0
Other	169	17.6	8	15.8	1	18.0	90	18.2	17	14.9	21	17.1	32	18.2
No Response	1,312	21.7	28	17.0	38	15.8	621	22.5	114	16.3	100	21.7	411	22.9

**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
OREGON STATE UNIVERSITY	Oregon	1,687	626	1,061	2	10	26	30	21	10	1
UNIVERSITY OF OREGON	Oregon	1,554	539	1,015	2	9	25	31	23	10	1
PORTLAND STATE UNIVERSITY	Oregon	977	247	730	4	15	29	30	15	6	0
UNIVERSITY OF PORTLAND	Oregon	490	100	390	2	9	25	34	21	8	0
WESTERN OREGON UNIVERSITY	Oregon	436	136	300	5	18	33	28	12	4	0
PORTLAND COMMUNITY COLLEGE	Oregon	398	182	216	7	28	31	22	8	4	0
BRIGHAM YOUNG UNIVERSITY	Utah	372	248	124	0	2	16	31	31	17	3
UNIVERSITY OF WASHINGTON	Washington	360	68	292	1	4	15	28	25	24	3
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	321	103	218	0	3	22	33	27	13	1
SOUTHERN OREGON UNIVERSITY	Oregon	270	68	202	1	12	33	29	22	3	0
GEORGE FOX UNIVERSITY	Oregon	249	69	180	2	9	24	31	20	13	1
LINFIELD COLLEGE	Oregon	234	62	172	1	5	22	34	28	9	0
PACIFIC UNIVERSITY	Oregon	201	56	145	1	12	22	30	23	10	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	190	45	145	1	8	18	21	26	24	2
WILLAMETTE UNIVERSITY	Oregon	187	40	147	3	6	19	24	27	18	2
LEWIS AND CLARK COLLEGE	Oregon	180	39	141	2	8	18	22	24	24	2
STANFORD UNIVERSITY	California	175	51	124	0	2	3	13	27	45	10
ART INSTITUTE OF PORTLAND THE	Oregon	160	64	96	4	24	29	26	13	4	0
GONZAGA UNIVERSITY	Washington	157	28	129	1	3	11	31	33	20	1
OREGON INSTITUTE OF TECHNOLOGY	Oregon	139	47	92	3	9	25	30	21	11	1
EASTERN OREGON UNIVERSITY	Oregon	138	36	102	5	14	33	33	14	2	0
WASHINGTON STATE UNIVERSITY	Washington	129	17	112	1	5	23	40	19	9	2
REED COLLEGE	Oregon	114	20	94	2	6	12	21	22	33	4
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	111	32	79	2	17	31	31	14	5	2
UNIVERSITY OF CALIFORNIA-BERKELEY	California	110	27	83	0	4	10	25	17	39	5
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	109	21	88	2	6	23	20	21	24	4
MOUNT HOOD COMMUNITY COLLEGE	Oregon	108	18	90	3	14	39	32	7	5	0
NEW YORK UNIVERSITY	New York	97	23	74	4	4	12	23	28	28	1
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	96	15	81	1	5	14	33	31	14	2
SEATTLE UNIVERSITY	Washington	96	21	75	2	2	10	28	39	18	1
All Other Institutions		6,539	1,681	4,858	2	8	19	26	23	19	3
<b>Total</b>		<b>16,384</b>	<b>4,729</b>	<b>11,655</b>	<b>2</b>	<b>9</b>	<b>22</b>	<b>28</b>	<b>22</b>	<b>15</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>4,847</b>	<b>532,943</b>	<b>21.3</b>	<b>22.3</b>	<b>7.5</b>	<b>7.6</b>	<b>21.0</b>	<b>21.8</b>
African Am./Black	113	50,340	15.6	17.2	6.5	6.7	15.9	17.3
Am. Indian/Alaska Native	66	3,462	17.1	19.8	6.7	7.0	17.1	19.4
Caucasian Am./White	2,901	308,578	22.2	23.4	7.7	7.6	21.8	22.6
Hispanic	355	42,588	15.4	18.8	6.5	7.3	15.7	19.0
Asian Am./Pacific Islander	479	25,616	20.5	23.2	7.6	8.0	20.6	22.8
Other/No Response	933	102,359	22.1	23.2	7.6	7.8	21.7	22.7
Males	2,039	204,427	20.4	22.0	7.2	7.3	20.1	21.3
Females	2,494	285,556	21.8	22.5	7.8	7.7	21.7	22.1
Missing	314	42,960	22.6	23.0	8.0	7.8	22.4	22.6



