

# ACT High School Profile Report

The Graduating Class of 2007  
Washington





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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

34% 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.** 10,435 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. 44% 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 11% of the cohort took less than three years of math courses. Of these students, 44% were college ready. 9% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 23% of these students were college ready. In comparison, 68% 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 18% of the cohort took less than three years of natural science courses. 28% of these students were college ready. In comparison, 43% 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 28% 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).

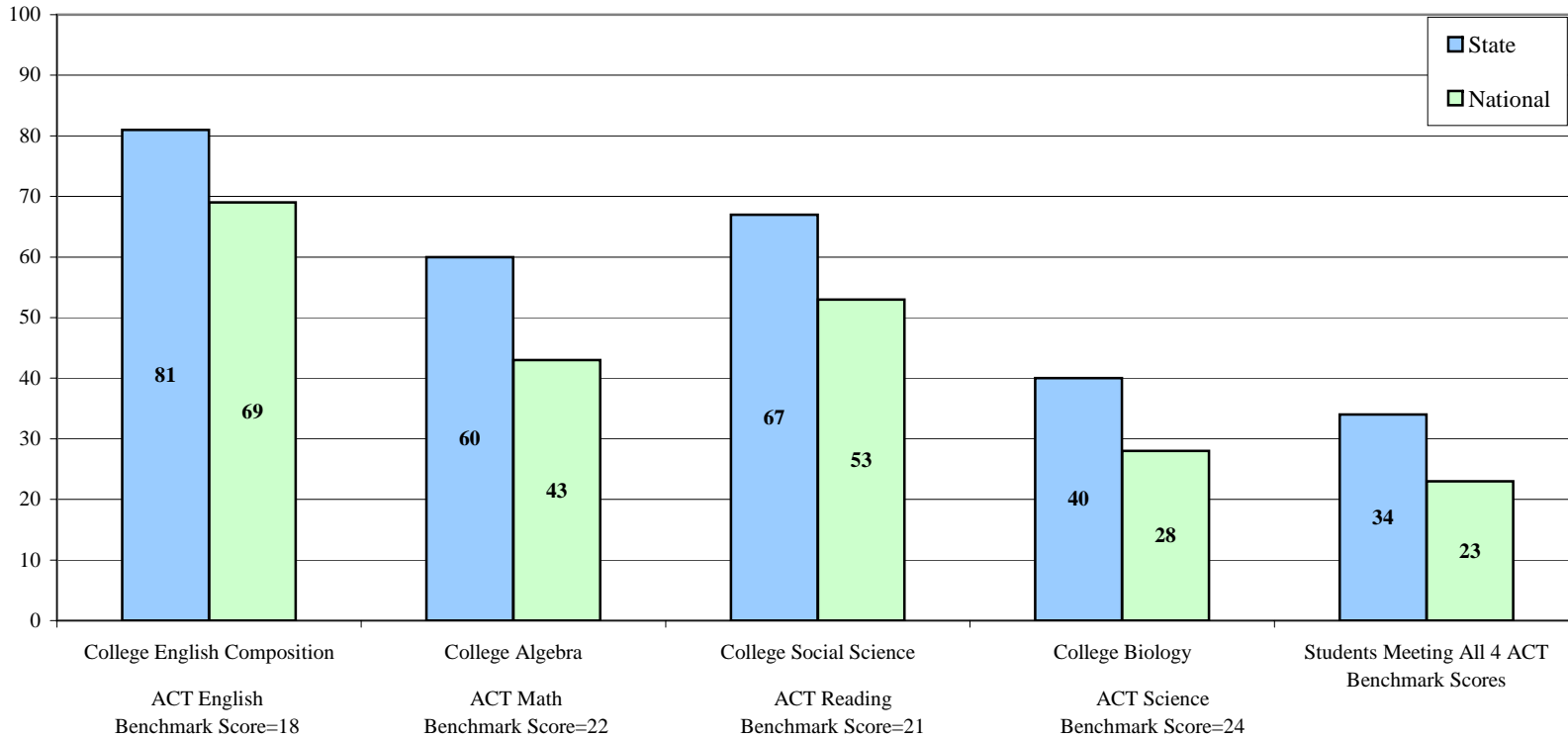
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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	9,566	1,175,059	78	67	53	40	65	52	34	26	28	20
2004	9,796	1,171,460	78	68	53	40	65	52	35	26	29	21
2005	10,091	1,186,251	79	68	54	41	66	51	37	26	31	21
2006	9,685	1,206,455	80	69	57	42	67	53	38	27	32	21
<b>2007</b>	<b>10,435</b>	<b>1,300,599</b>	<b>81</b>	<b>69</b>	<b>60</b>	<b>43</b>	<b>67</b>	<b>53</b>	<b>40</b>	<b>28</b>	<b>34</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	9,566	1,175,059	22.0	20.3	22.1	20.6	23.3	21.2	22.0	20.8	22.5	20.8
2004	9,796	1,171,460	21.9	20.4	22.1	20.7	23.2	21.3	22.0	20.9	22.5	20.9
2005	10,091	1,186,251	22.3	20.4	22.4	20.7	23.5	21.3	22.3	20.9	22.7	20.9
2006	9,685	1,206,455	22.4	20.6	22.7	20.8	23.6	21.4	22.4	20.9	22.9	21.1
<b>2007</b>	<b>10,435</b>	<b>1,300,599</b>	<b>22.7</b>	<b>20.7</b>	<b>23.0</b>	<b>21.0</b>	<b>23.7</b>	<b>21.5</b>	<b>22.6</b>	<b>21.0</b>	<b>23.1</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									
					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	Core or More	Less than Core	Core or More	Less than Core
2003	4,516	3,987	47	42	23.0	20.9	23.2	20.9	24.2	22.3	22.8	21.2	23.4	21.4
2004	4,701	3,930	48	40	22.8	20.9	23.1	21.0	24.0	22.3	22.7	21.2	23.3	21.5
2005	4,701	3,959	47	39	23.1	21.3	23.2	21.3	24.2	22.6	22.9	21.5	23.5	21.8
2006	4,287	3,899	44	40	23.2	21.5	23.4	21.8	24.2	22.8	23.0	21.7	23.6	22.1
<b>2007</b>	<b>4,595</b>	<b>4,060</b>	<b>44</b>	<b>39</b>	<b>23.4</b>	<b>21.8</b>	<b>23.8</b>	<b>22.1</b>	<b>24.4</b>	<b>22.9</b>	<b>23.2</b>	<b>21.9</b>	<b>23.8</b>	<b>22.3</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>9,566</b>	<b>100</b>	<b>22.5</b>	<b>9,796</b>	<b>100</b>	<b>22.5</b>	<b>10,091</b>	<b>100</b>	<b>22.7</b>	<b>9,685</b>	<b>100</b>	<b>22.9</b>	<b>10,435</b>	<b>100</b>	<b>23.1</b>
African American/Black	347	4	17.5	356	4	17.7	379	4	18.1	316	3	18.3	302	3	18.4
American Indian/Alaska Native	94	1	19.5	107	1	19.9	108	1	19.7	83	1	20.5	100	1	21.1
Caucasian American/White	6,659	70	22.9	6,612	67	22.9	6,715	67	23.1	5,943	61	23.3	5,988	57	23.4
Hispanic	409	4	19.2	482	5	18.9	508	5	19.1	446	5	19.3	477	5	19.5
Asian American/Pacific Islander	780	8	21.8	763	8	22.1	842	8	22.7	768	8	22.7	869	8	23.2
Other/No Response	1,277	13	23.2	1,476	15	23.0	1,539	15	23.5	2,129	22	23.2	2,699	26	23.7

# 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	22	100	35	100	100	100	45	100	3	100	36
35	118	100	97	100	173	99	131	100	29	100	35
34	225	99	118	99	286	97	41	98	81	100	34
33	184	97	128	98	351	95	155	98	130	99	33
32	181	95	190	96	375	91	146	96	184	98	32
31	264	93	299	95	354	88	105	95	276	96	31
30	307	90	229	92	404	84	218	94	358	93	30
29	383	88	430	89	455	80	198	92	382	90	29
28	437	84	434	85	570	76	261	90	524	86	28
27	522	80	608	81	537	71	448	88	622	81	27
26	571	75	696	75	488	65	621	83	690	75	26
25	752	69	833	69	431	61	883	77	774	69	25
24	622	62	870	61	701	57	948	69	758	61	24
23	635	56	692	52	717	50	938	60	871	54	23
22	787	50	632	46	471	43	1,127	51	813	46	22
21	784	42	586	40	582	39	817	40	789	38	21
20	744	35	580	34	728	33	923	32	738	30	20
19	577	28	577	29	516	26	693	23	598	23	19
18	385	22	578	23	397	21	566	17	536	17	18
17	358	19	618	17	401	17	397	11	383	12	17
16	431	15	641	12	425	13	208	7	324	9	16
15	342	11	295	5	259	9	154	5	231	5	15
14	230	8	165	3	263	7	124	4	155	3	14
13	169	6	58	1	177	4	86	3	96	2	13
12	106	4	35	1	154	3	73	2	46	1	12
11	82	3	5	1	57	1	44	1	28	1	11
10	74	2	4	1	43	1	52	1	10	1	10
9	49	1	1	1	4	1	18	1	4	1	9
8	55	1	1	1	7	1	5	1	1	1	8
7	23	1	0	1	4	1	5	1	1	1	7
6	13	1	0	1	2	1	3	1	0	1	6
5	3	1	0	1	1	1	0	1	0	1	5
4	0	1	0	1	0	1	1	1	0	1	4
3	0	1	0	1	2	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
Avg (SD)	22.7 (5.7)		23.0 (5.1)		23.7 (6.1)		22.6 (4.7)		23.1 (4.8)		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	385	100	89	100	338	100	619	100	415	100	155	100	170	100	18
17	800	96	284	99	877	97	903	94	711	96	183	99	127	98	17
16	491	89	696	96	839	88	1,026	85	832	89	418	97	443	97	16
15	576	84	980	90	746	80	1,063	76	854	81	683	93	811	93	15
14	1,025	78	1,077	80	799	73	887	65	1,114	73	1,073	86	1,173	85	14
13	830	69	1,018	70	726	66	992	57	1,266	62	1,502	76	1,383	74	13
12	1,056	61	1,368	60	1,253	59	917	47	1,045	50	1,124	62	1,421	61	12
11	992	51	1,539	47	1,161	47	783	39	897	40	1,398	51	1,329	47	11
10	1,147	41	1,089	32	865	35	858	31	986	32	1,433	37	1,253	34	10
9	836	30	766	22	829	27	612	23	603	22	999	24	1,067	22	9
8	800	22	695	15	879	19	541	17	754	16	637	14	548	12	8
7	547	14	376	8	452	11	439	12	649	9	340	8	363	7	7
6	382	9	188	4	304	6	456	8	210	3	192	5	105	3	6
5	285	5	141	3	174	4	210	3	47	1	177	3	122	2	5
4	160	3	81	1	116	2	92	1	42	1	31	1	52	1	4
3	79	1	35	1	54	1	26	1	9	1	71	1	39	1	3
2	40	1	13	1	20	1	11	1	1	1	0	1	13	1	2
1	4	1	0	1	3	1	0	1	0	1	19	1	16	1	1
Avg (SD)	11.5 (3.6)		11.7 (3.0)		11.9 (3.5)		12.4 (3.6)		12.2 (3.3)		11.4 (2.9)		11.6 (2.8)		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)	27	26	28	25	26
Q2 (50th Percentile)	23	23	24	22	23
Q1 (25th Percentile)	19	19	19	20	20

**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>10,435</b>	<b>44</b>	<b>23.8</b>	<b>22.3</b>
	African Am./Black	302	43	19.6	17.4
	Am. Indian/Alaska Native	100	39	22.8	20.2
	Caucasian Am./White	5,988	46	24.1	22.7
	Hispanic	477	46	20.3	18.6
	Asian Am./Pacific Islander	869	52	23.9	22.1
	Other/No Response	2,699	38	24.2	23.1
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>	22.7	23.0	23.7	22.6	23.1
	African Am./Black	17.4	18.4	18.8	18.4	18.4
	Am. Indian/Alaska Native	20.0	20.9	22.0	21.1	21.1
	Caucasian Am./White	23.0	23.1	24.1	22.9	23.4
	Hispanic	18.3	19.8	19.7	19.5	19.5
	Asian Am./Pacific Islander	22.5	24.2	23.0	22.7	23.2
	Other/No Response	23.5	23.5	24.4	23.1	23.7
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	549	5	378	4	910	9	372	4
	28 to 32	1,572	15	1,582	15	2,158	21	928	9
	24 to 27	2,467	24	3,007	29	2,157	21	2,900	28
	20 to 23	2,950	28	2,490	24	2,498	24	3,805	36
	16 to 19	1,751	17	2,414	23	1,739	17	1,864	18
	13 to 15	741	7	518	5	699	7	364	3
	01 to 12	405	4	46	0	274	3	202	2
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	3,938	38	22.2	23.9	23.5	23.3	23.3
	Females	5,362	51	23.0	22.3	23.8	22.1	22.9
	Missing	1,135	11	23.0	23.3	23.8	22.9	23.4
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	79	67	66	46	39
	Females	83	55	68	35	30
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

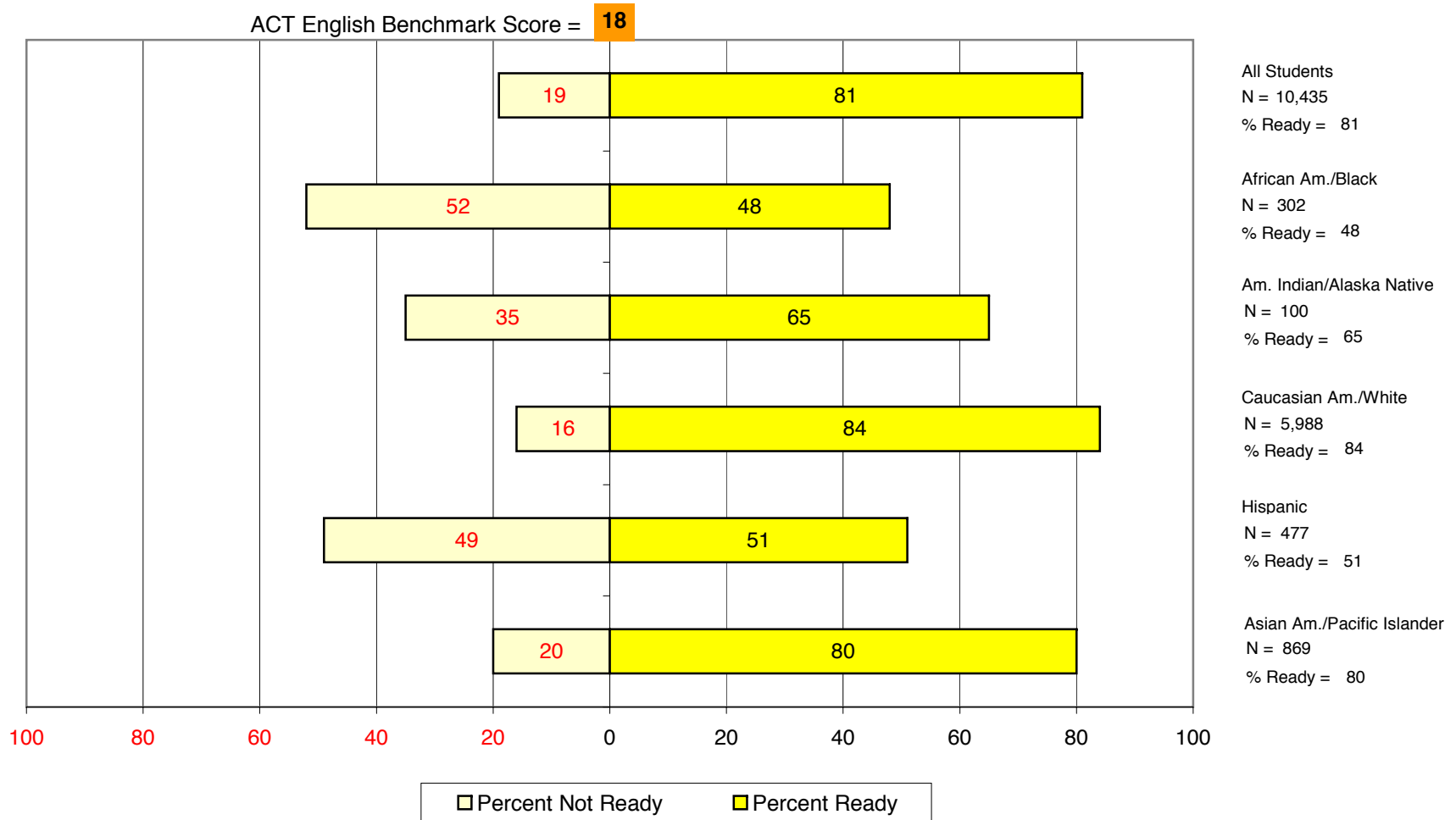


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

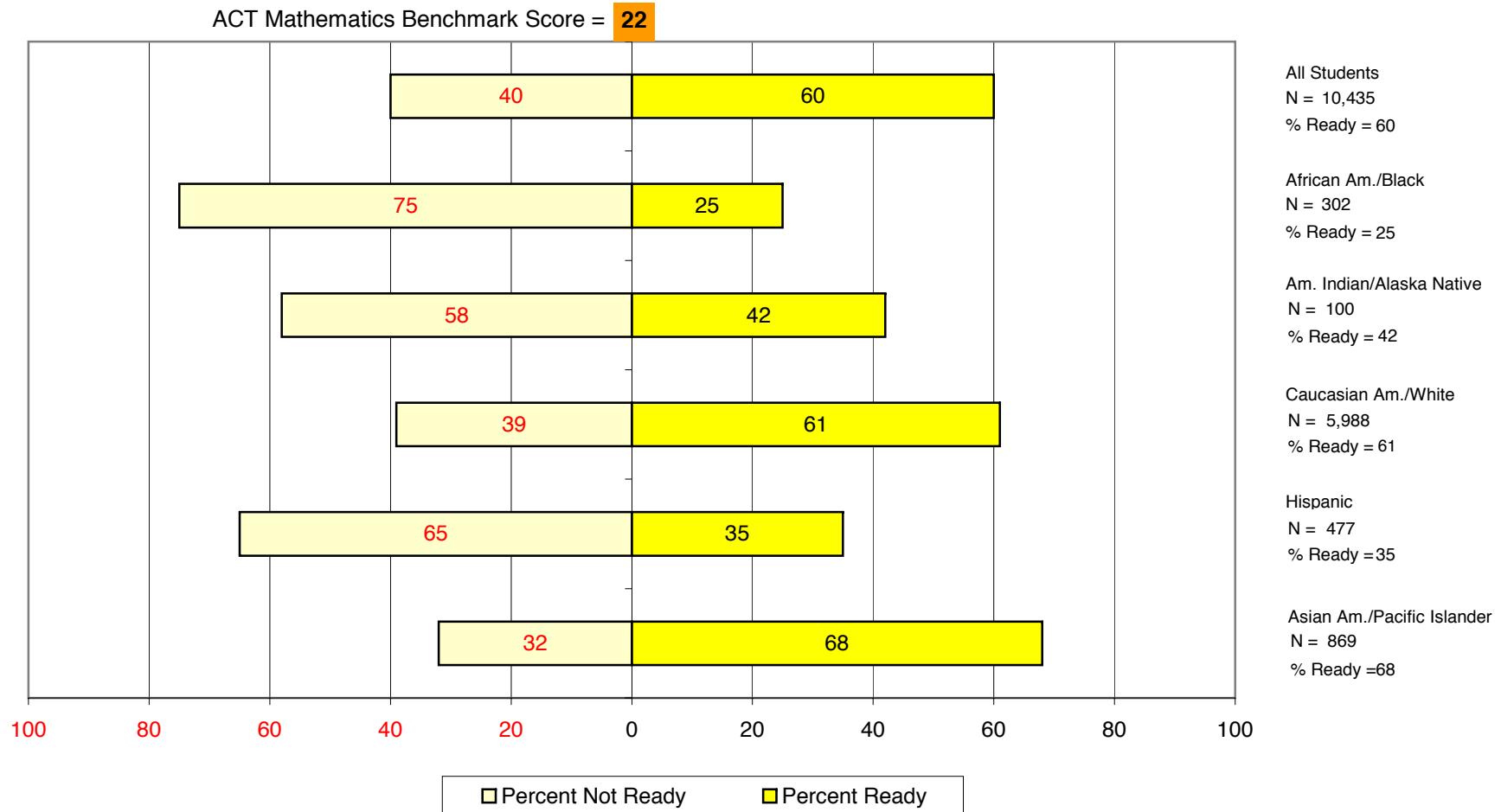


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

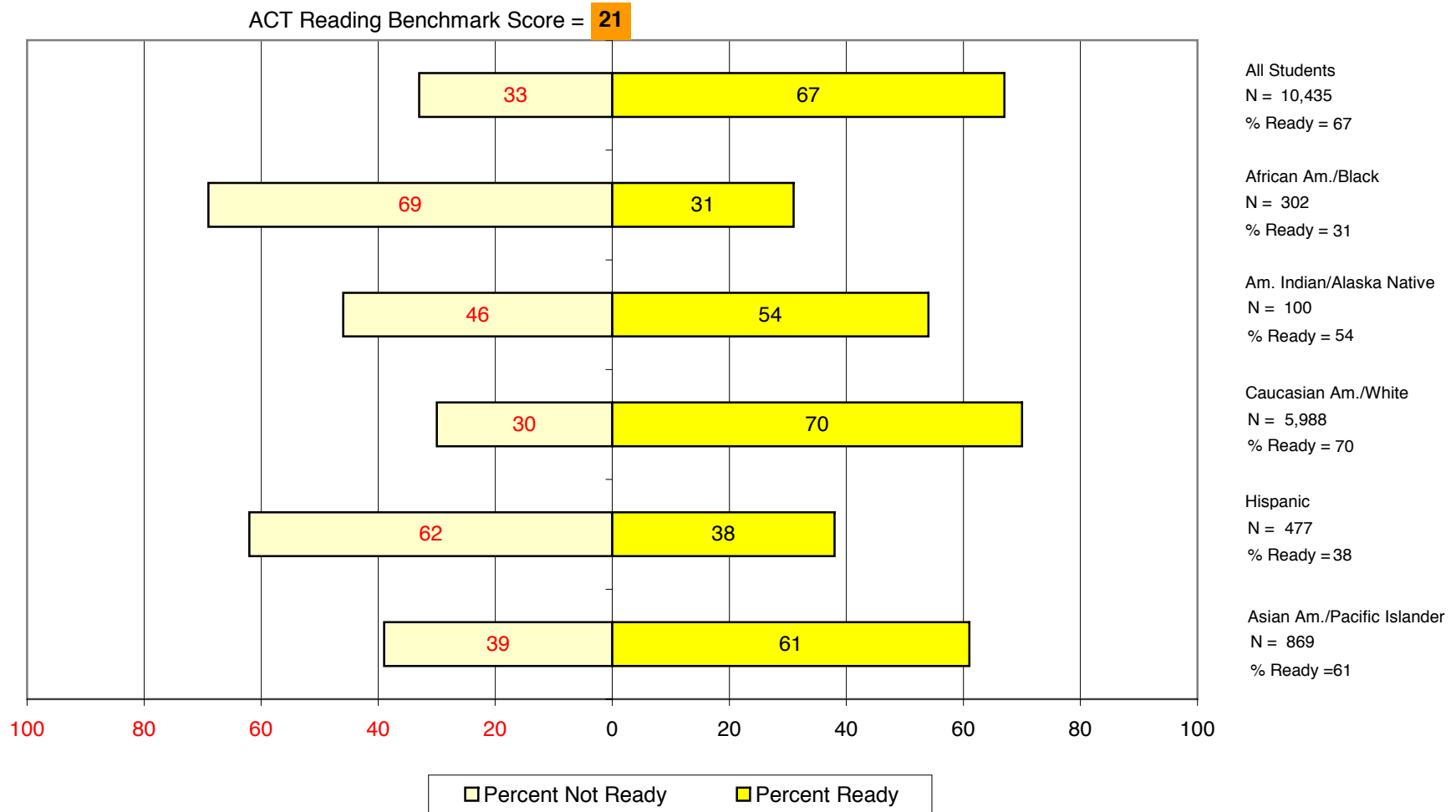


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

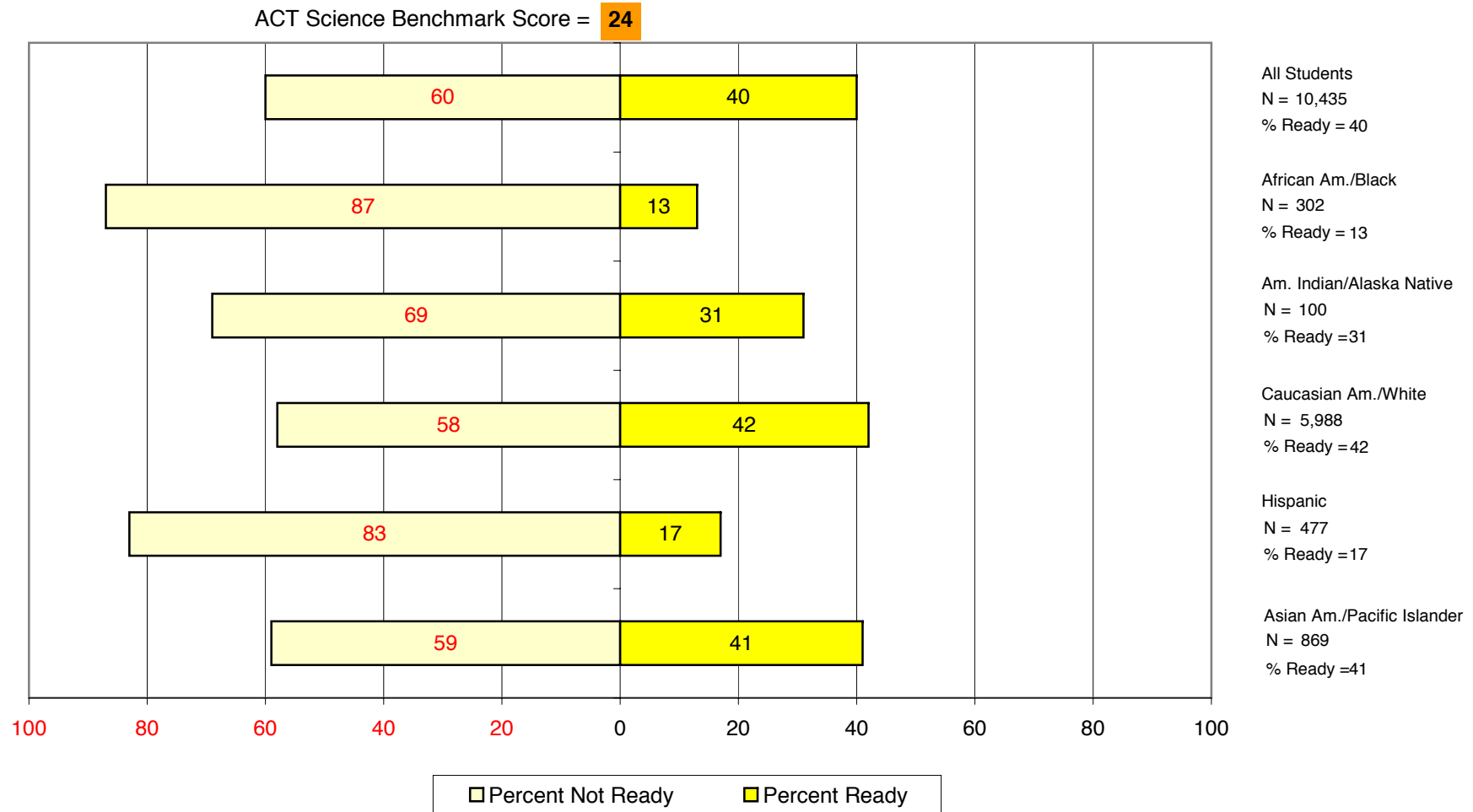
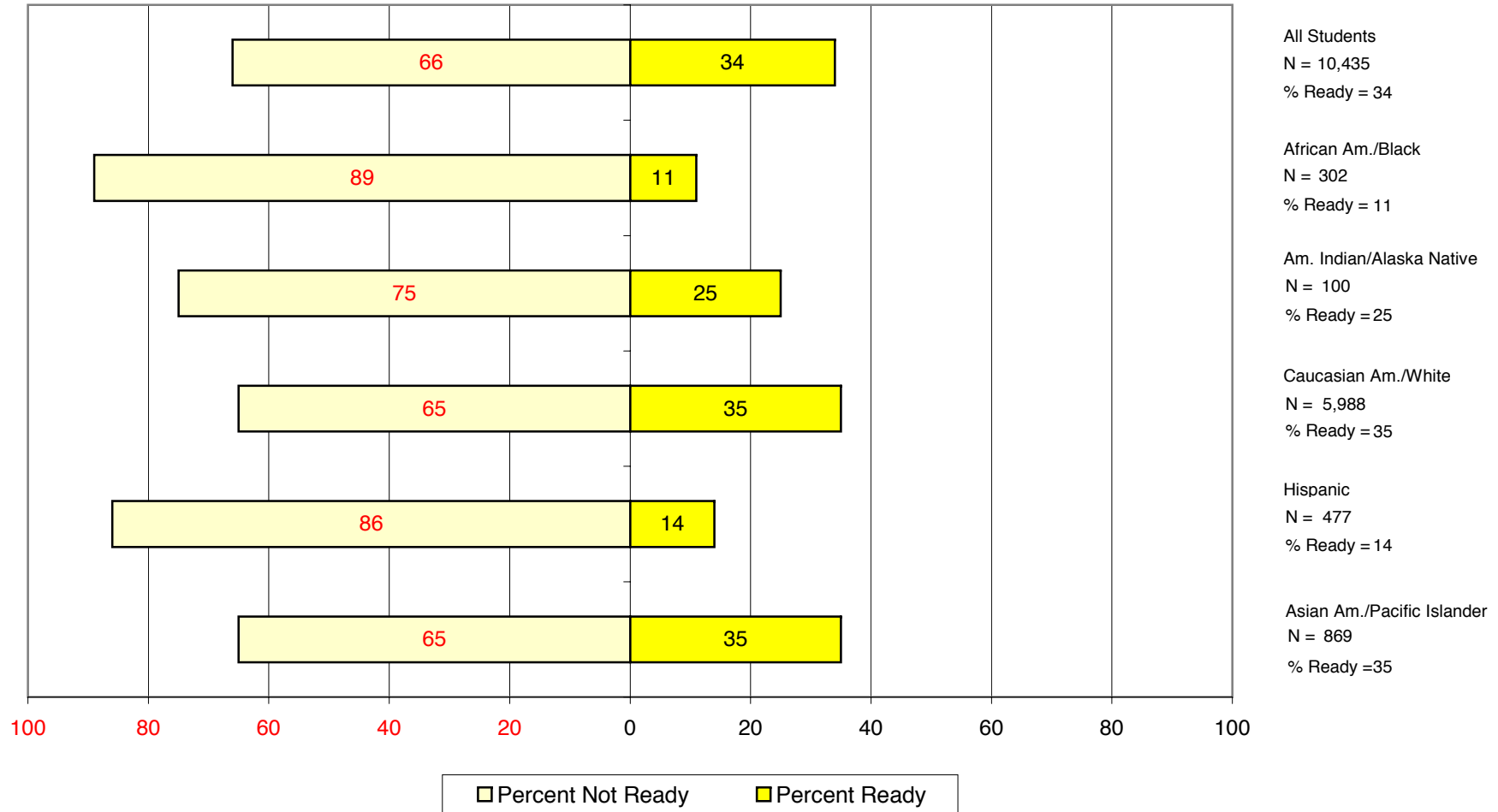


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



**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	1,420	14	23.3	1.2	449	11	22.8	1.3	851	16	23.5	1.1
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	5,901	57	22.6	0.5	2,263	57	22.2	0.7	3,183	59	22.8	0.4
Less than 4 years of English	1,268	12	22.1	-	552	14	21.5	-	597	11	22.4	-
No English course/grade information reported	1,846	18	22.9	-	674	17	22.0	-	731	14	23.6	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,096	11	25.6	4.6	431	11	26.2	4.5	570	11	25.0	4.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	889	9	22.7	1.7	260	7	23.6	1.9	567	11	22.3	2.0
Alg 1, Alg 2, Geom, & Trig	931	9	21.3	0.3	335	9	22.2	0.5	511	10	20.8	0.5
Alg 1, Alg 2, Geom, & Other Adv Math	739	7	21.6	0.6	258	7	22.5	0.8	427	8	21.2	0.9
Other comb of 4 or more years of Math	2,235	21	25.6	4.6	964	24	26.6	4.9	1,101	21	24.8	4.5
Alg 1, Alg 2, & Geom (Min. Core)	906	9	18.9	-2.1	322	8	19.5	-2.2	518	10	18.4	-1.9
Other comb of 3 or 3.5 years of Math	462	4	23.1	2.1	188	5	23.9	2.2	245	5	22.3	2.0
Less than 3 years of Math	1,183	11	21.0	-	456	12	21.7	-	625	12	20.3	-
No Math course/grade information reported	1,994	19	23.0	-	724	18	23.4	-	798	15	22.4	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,145	11	24.3	1.3	438	11	23.9	0.9	621	12	24.8	1.9
Other comb of 4 or more years Social Science	2,221	21	23.9	0.9	809	21	24.2	1.2	1,259	23	23.7	0.8
US Hist, World Hist, & Am Gov (Min. Core)	834	8	23.5	0.5	340	9	23.0	0.0	434	8	24.0	1.1
Other comb of 3 or 3.5 years of Social Science	1,766	17	23.8	0.8	634	16	23.7	0.7	980	18	23.9	1.0
Less than 3 years of Social Science	2,478	24	23.0	-	990	25	23.0	-	1,281	24	22.9	-
No Soc Sci course/grade information reported	1,991	19	23.8	-	727	18	23.4	-	787	15	24.1	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	2,871	28	23.7	2.6	1,177	30	24.3	2.7	1,466	27	23.1	2.5
Bio, Chem, Phys	906	9	24.7	3.6	352	9	25.3	3.7	480	9	24.3	3.7
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	2,299	22	21.6	0.5	696	18	22.3	0.7	1,424	27	21.2	0.6
Other comb of 3 years of Natural Science	406	4	22.7	1.6	204	5	24.0	2.4	171	3	21.3	0.7
Less than 3 years of Natural Science	1,898	18	21.1	-	746	19	21.6	-	1,002	19	20.6	-
No Nat Sci course/grade information reported	2,055	20	22.7	-	763	19	23.1	-	819	15	22.3	-

<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	1,420	14	23.3	84	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	5,901	57	22.6	81	766,001	59	20.5	68
Less than 4 years of English	1,268	12	22.1	79	141,777	11	19.7	64
No English course/grade information reported	1,846	18	22.9	84	201,619	16	20.7	69
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,096	11	25.6	82	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	889	9	22.7	63	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	931	9	21.3	47	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	739	7	21.6	51	163,562	13	20.4	38
Other comb of 4 or more years of Math	2,235	21	25.6	80	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	906	9	18.9	23	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	462	4	23.1	63	57,945	4	20.9	43
Less than 3 years of Math	1,183	11	21.0	44	145,617	11	18.3	21
No Math course/grade information reported	1,994	19	23.0	61	211,787	16	21.1	44
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,145	11	24.3	71	31,985	2	22.7	61
Other comb of 4 or more years Social Science	2,221	21	23.9	68	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	834	8	23.5	65	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	1,766	17	23.8	69	333,689	26	21.4	52
Less than 3 years of Social Science	2,478	24	23.0	62	201,605	16	20.6	47
No Soc Sci course/grade information reported	1,991	19	23.8	68	212,012	16	21.5	53
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	2,871	28	23.7	50	333,648	26	22.4	40
Bio, Chem, Phys	906	9	24.7	58	115,297	9	23.4	48
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	2,299	22	21.6	30	353,348	27	20.2	20
Other comb of 3 years of Natural Science	406	4	22.7	38	32,593	3	20.4	24
Less than 3 years of Natural Science	1,898	18	21.1	28	247,312	19	19.1	15
No Nat Sci course/grade information reported	2,055	20	22.7	42	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	52	0	21.3	1	1	15.0	48	1	21.5
Architecture & Environmental Design	145	1	22.1	1	1	21.0	142	2	22.1
Business & Management	701	7	22.1	15	11	18.4	661	8	22.2
Business & Office	21	0	21.6	1	1	17.0	18	0	22.2
Marketing & Distribution	64	1	21.9	3	2	15.7	61	1	22.2
Communications & Comm. Technologies	193	2	22.7	3	2	18.0	188	2	22.8
Community & Personal Services	100	1	20.0	7	5	14.0	90	1	20.4
Computer & Information Sciences	161	2	24.3	5	4	19.2	148	2	24.6
Cross-Disciplinary Studies	20	0	25.2	0	0	.	20	0	25.2
Education	246	2	22.0	0	0	.	237	3	22.0
Teacher Education	132	1	21.2	1	1	23.0	126	2	21.2
Engineering	323	3	24.4	3	2	17.0	313	4	24.5
Engineering-Related Technologies	203	2	23.8	3	2	15.0	193	2	24.1
Foreign Languages	67	1	25.0	0	0	.	62	1	25.1
Health Sciences & Allied Health Fields	1,092	10	22.2	23	16	18.9	1,034	13	22.4
Human, Family & Consumer Science	47	0	20.7	5	4	17.4	39	0	20.9
Letters	67	1	25.6	0	0	.	62	1	25.6
Mathematics	64	1	27.1	0	0	.	62	1	27.3
Philosophy, Religion & Theology	47	0	23.3	2	1	19.5	44	1	23.6
Sciences (Biological & Physical)	510	5	24.9	3	2	22.0	496	6	25.0
Social Sciences	518	5	23.7	0	0	.	507	6	23.7
Trade & Industrial	25	0	20.6	5	4	17.8	17	0	21.1
Visual & Performing Arts	397	4	22.5	9	6	19.0	370	5	22.7
Undecided	1,403	13	22.4	32	23	17.9	1,273	16	22.6
No Response	3,837	37	23.6	19	13	20.1	1,608	21	23.4

<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	22	18.2	0	.	0	.	15	18.5	2	17.5	3	15.0	2	22.0
2-yr College Degree	119	18.3	5	15.2	1	20.0	73	19.0	17	15.6	8	18.3	15	19.3
Bachelors Degree	2,864	21.5	94	16.7	30	18.5	1,902	22.1	137	18.1	161	20.9	540	21.3
Graduate Study	2,317	23.9	64	20.7	22	24.0	1,475	24.2	83	20.4	193	23.5	480	24.3
Prof. Level Degree	2,638	24.1	94	18.8	26	21.7	1,387	24.5	166	20.6	350	23.9	615	25.0
Other	138	19.3	7	14.7	4	19.3	75	20.0	12	16.7	15	18.7	25	19.9
No Response	2,337	23.8	38	18.8	17	21.6	1,061	23.7	60	19.9	139	24.9	1,022	24.2

**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 WASHINGTON	Washington	3,148	1,430	1,718	1	4	15	30	30	18	3
WASHINGTON STATE UNIVERSITY	Washington	2,323	663	1,660	1	6	21	36	26	10	1
WESTERN WASHINGTON UNIVERSITY	Washington	1,840	443	1,397	1	4	19	37	29	10	1
CENTRAL WASHINGTON UNIVERSITY	Washington	1,188	349	839	2	9	31	36	17	5	0
EASTERN WASHINGTON UNIVERSITY	Washington	1,043	265	778	2	10	32	33	18	5	0
GONZAGA UNIVERSITY	Washington	763	187	576	0	4	16	32	33	14	1
BRIGHAM YOUNG UNIVERSITY	Utah	698	437	261	0	2	12	32	33	19	2
SEATTLE UNIVERSITY	Washington	648	123	525	1	7	23	34	26	9	1
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	630	237	393	0	3	16	35	31	14	1
SEATTLE PACIFIC UNIVERSITY	Washington	530	123	407	2	6	22	34	25	12	0
PACIFIC LUTHERAN UNIVERSITY	Washington	367	75	292	1	7	24	32	26	10	0
WHITWORTH COLLEGE	Washington	350	80	270	1	5	19	31	26	17	1
STANFORD UNIVERSITY	California	299	73	226	0	1	4	13	24	43	15
UNIVERSITY OF PUGET SOUND	Washington	281	38	243	1	6	22	33	24	12	1
UNIVERSITY OF OREGON	Oregon	275	28	247	1	4	12	37	32	13	1
UNIVERSITY OF PORTLAND	Oregon	265	44	221	0	2	15	26	40	16	0
UNIVERSITY OF IDAHO	Idaho	242	60	182	0	7	22	37	24	10	1
OREGON STATE UNIVERSITY	Oregon	241	27	214	0	6	15	40	26	12	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	205	44	161	0	4	7	20	36	31	3
WHITMAN COLLEGE	Washington	204	40	164	1	0	9	20	33	32	4
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	188	70	118	1	9	26	30	20	13	1
EVERGREEN STATE COLLEGE THE	Washington	175	59	116	2	5	24	33	21	13	2
UNIVERSITY OF WASHINGTON TACOMA	Washington	172	40	132	3	7	26	35	22	6	1
WALLA WALLA COLLEGE	Washington	167	103	64	0	9	20	38	26	7	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	162	22	140	0	2	15	34	34	14	1
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	153	27	126	0	2	10	24	37	25	2
SANTA CLARA UNIVERSITY	California	150	21	129	0	1	3	27	44	21	5
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	139	32	107	0	3	24	40	24	8	1
UNIVERSITY OF CALIFORNIA-BERKELEY	California	138	22	116	0	0	2	19	38	35	7
ART INSTITUTE OF SEATTLE THE	Washington	131	33	98	3	9	31	35	17	5	0
All Other Institutions		8,889	2,066	6,823	1	5	17	28	27	19	4
<b>Total</b>		<b>26,004</b>	<b>7,261</b>	<b>18,743</b>	<b>1</b>	<b>5</b>	<b>18</b>	<b>31</b>	<b>27</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>6,913</b>	<b>532,943</b>	<b>23.2</b>	<b>22.3</b>	<b>8.1</b>	<b>7.6</b>	<b>23.0</b>	<b>21.8</b>
African Am./Black	203	50,340	18.4	17.2	7.4	6.7	18.9	17.3
Am. Indian/Alaska Native	65	3,462	20.4	19.8	7.6	7.0	20.5	19.4
Caucasian Am./White	3,750	308,578	23.6	23.4	8.1	7.6	23.3	22.6
Hispanic	335	42,588	18.4	18.8	7.4	7.3	18.7	19.0
Asian Am./Pacific Islander	659	25,616	23.0	23.2	8.3	8.0	23.1	22.8
Other/No Response	1,901	102,359	24.1	23.2	8.3	7.8	23.8	22.7
Males	2,472	204,427	22.7	22.0	7.8	7.3	22.4	21.3
Females	3,651	285,556	23.5	22.5	8.3	7.7	23.4	22.1
Missing	790	42,960	23.6	23.0	8.3	7.8	23.5	22.6



