

# ACT High School Profile Report

The Graduating Class of 2006  
Alaska





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This report provides information about the performance of your 2006 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** - college 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: A Test Like No Other**

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

25% of 2006 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.** 1,987 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. 33% 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, 34% were college ready. 12% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 25% of these students were college ready. In comparison, 75% 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 20% of the cohort took less than three years of natural science courses. 26% of these students were college ready. In comparison, 46% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES.** Table 2.4 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).

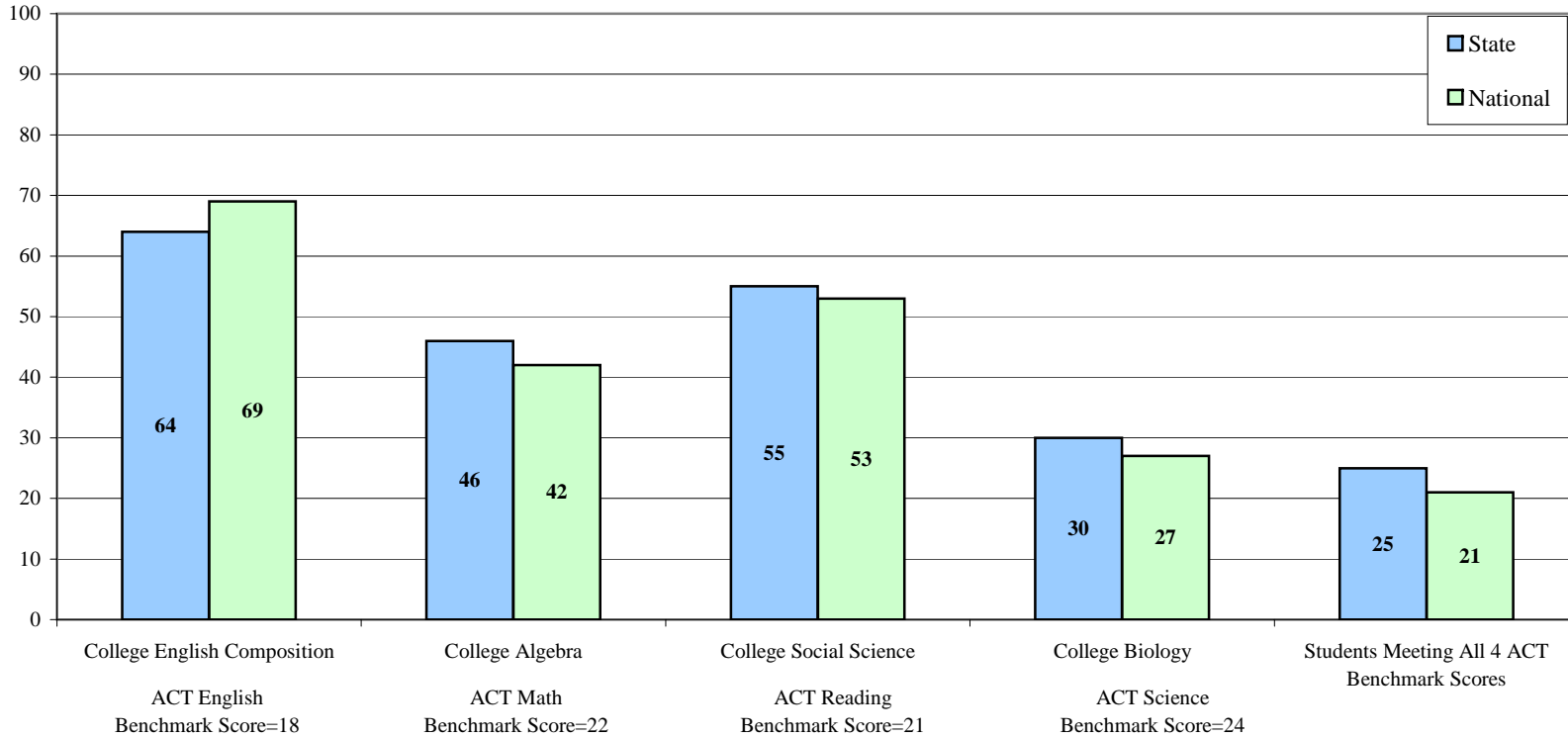
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic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



**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
2002	2,300	1,116,082	68	67	46	39	57	53	30	26	26	20
2003	2,344	1,175,059	66	67	47	40	55	52	28	26	23	20
2004	2,167	1,171,460	68	68	47	40	58	52	31	26	25	21
2005	1,977	1,186,251	67	68	47	41	57	51	32	26	27	21
<b>2006</b>	<b>1,987</b>	<b>1,206,455</b>	<b>64</b>	<b>69</b>	<b>46</b>	<b>42</b>	<b>55</b>	<b>53</b>	<b>30</b>	<b>27</b>	<b>25</b>	<b>21</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
2002	2,300	1,116,082	20.2	20.2	21.4	20.6	21.8	21.1	21.2	20.8	21.3	20.8
2003	2,344	1,175,059	20.2	20.3	21.3	20.6	21.8	21.2	20.8	20.8	21.1	20.8
2004	2,167	1,171,460	20.4	20.4	21.4	20.7	22.1	21.3	21.1	20.9	21.3	20.9
2005	1,977	1,186,251	20.5	20.4	21.3	20.7	22.0	21.3	21.1	20.9	21.3	20.9
<b>2006</b>	<b>1,987</b>	<b>1,206,455</b>	<b>20.0</b>	<b>20.6</b>	<b>21.2</b>	<b>20.8</b>	<b>21.7</b>	<b>21.4</b>	<b>20.8</b>	<b>20.9</b>	<b>21.1</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
2002	1,116,082	20.2	20.6	21.1	20.8	20.8
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
<b>2006</b>	<b>1,206,455</b>	<b>20.6</b>	<b>20.8</b>	<b>21.4</b>	<b>20.9</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
2002	902	608	39	26	23.0	20.3	24.2	20.7	24.7	21.9	23.5	21.2	23.9	21.1
2003	860	684	37	29	23.0	20.2	24.1	20.4	24.5	21.9	23.0	20.6	23.8	20.9
2004	827	595	38	27	23.0	20.3	24.0	20.7	24.6	22.1	23.2	20.9	23.8	21.1
2005	678	590	34	30	23.8	20.6	24.1	20.9	25.1	22.3	23.5	21.2	24.2	21.4
<b>2006</b>	<b>656</b>	<b>627</b>	<b>33</b>	<b>32</b>	<b>23.4</b>	<b>20.8</b>	<b>24.1</b>	<b>21.3</b>	<b>25.0</b>	<b>22.6</b>	<b>23.5</b>	<b>21.3</b>	<b>24.1</b>	<b>21.6</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**

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>2,300</b>	<b>100</b>	<b>21.3</b>	<b>2,344</b>	<b>100</b>	<b>21.1</b>	<b>2,167</b>	<b>100</b>	<b>21.3</b>	<b>1,977</b>	<b>100</b>	<b>21.3</b>	<b>1,987</b>	<b>100</b>	<b>21.1</b>
African American/Black	48	2	18.3	62	3	17.1	58	3	18.2	33	2	17.7	59	3	17.8
American Indian/Alaskan Native	336	15	16.8	321	14	17.0	275	13	17.2	222	11	17.6	244	12	17.2
Caucasian American/White	1,301	57	23.2	1,320	56	22.9	1,192	55	23.0	1,084	55	23.2	930	47	23.3
Hispanic	50	2	19.9	47	2	19.7	44	2	21.2	39	2	19.6	44	2	21.1
Asian American/Pacific Islander	83	4	21.4	112	5	21.2	111	5	21.0	87	4	22.2	99	5	21.8
Other/No Response	482	21	19.5	482	21	19.8	487	22	20.1	512	26	19.2	611	31	19.4

# 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	3	100	5	100	18	100	6	100	1	100	36
35	11	100	4	100	26	99	6	100	3	100	35
34	26	99	11	100	44	98	13	99	6	100	34
33	11	98	16	99	46	96	10	99	16	99	33
32	28	97	12	98	52	93	18	98	19	99	32
31	26	96	33	98	57	91	26	97	31	98	31
30	43	95	46	96	64	88	10	96	34	96	30
29	51	93	60	94	63	85	36	96	57	94	29
28	71	90	58	91	78	81	52	94	87	92	28
27	61	86	107	88	84	77	55	91	84	87	27
26	84	83	120	82	76	73	108	88	113	83	26
25	105	79	118	76	106	69	97	83	120	77	25
24	106	74	136	70	88	64	154	78	115	71	24
23	91	68	90	63	107	60	143	70	115	65	23
22	93	64	97	59	95	54	147	63	142	60	22
21	125	59	99	54	94	49	157	56	141	53	21
20	147	53	97	49	86	45	168	48	111	45	20
19	116	46	130	44	104	40	161	39	110	40	19
18	82	40	122	38	89	35	135	31	115	34	18
17	98	36	183	32	99	31	115	24	113	29	17
16	104	31	177	22	63	26	78	19	104	23	16
15	83	25	137	13	90	23	78	15	90	18	15
14	92	21	81	6	103	18	63	11	97	13	14
13	54	17	25	2	91	13	29	8	76	8	13
12	52	14	10	1	67	8	43	6	49	4	12
11	60	11	10	1	64	5	45	4	25	2	11
10	42	8	3	1	12	2	10	2	9	1	10
9	50	6	0	1	6	1	15	1	1	1	9
8	36	4	0	1	6	1	6	1	1	1	8
7	24	2	0	1	2	1	1	1	2	1	7
6	11	1	0	1	3	1	1	1	0	1	6
5	1	1	0	1	3	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	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
Average	20.0		21.2		21.7		20.8		21.1		Average

<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	62	100	11	100	39	100	82	100	44	100	11	100	16	100	18
17	62	97	31	99	137	98	127	96	82	98	29	99	19	99	17
16	91	94	74	98	118	91	147	89	146	94	58	98	61	98	16
15	110	89	123	94	125	85	142	82	129	86	70	95	109	95	15
14	122	84	159	88	142	79	155	75	163	80	182	92	177	90	14
13	123	78	160	80	139	72	164	67	175	72	138	82	218	81	13
12	143	71	188	72	169	65	168	59	206	63	281	75	252	70	12
11	159	64	256	62	163	56	143	50	133	52	177	61	186	57	11
10	207	56	192	50	170	48	144	43	174	46	305	52	329	48	10
9	153	46	192	40	204	40	131	36	155	37	277	37	212	31	9
8	160	38	185	30	202	29	116	29	220	29	140	23	153	21	8
7	179	30	124	21	135	19	134	24	203	18	102	16	125	13	7
6	116	21	105	15	115	12	149	17	98	8	107	11	67	7	6
5	105	15	88	9	51	6	95	9	32	3	55	6	13	3	5
4	110	10	69	5	26	4	63	5	13	1	27	3	31	3	4
3	58	4	24	2	27	3	18	1	11	1	16	1	7	1	3
2	26	1	6	1	14	1	9	1	3	1	1	1	8	1	2
1	1	1	0	1	11	1	0	1	0	1	11	1	4	1	1
Average	10.0		10.3		10.9		11.2		11.1		10.5		10.8		Average

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

**Table 2.3. 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	All Students	1,987	33	24.1	21.6
	African Am./Black	59	31	20.5	17.1
	Am. Indian/Alaskan Native	244	16	20.1	19.5
	Caucasian Am./White	930	46	24.8	22.2
	Hispanic	44	25	22.6	20.8
	Asian Am./Pacific Islander	99	38	22.9	21.2
	Other/No Response	611	20	24.0	21.7
National	All Students	1,206,455	54	22.0	19.7
	African Am./Black	139,118	53	17.8	16.2
	Am. Indian/Alaskan Native	13,635	48	20.2	17.5
	Caucasian Am./White	760,084	56	22.9	20.6
	Hispanic	85,796	52	19.5	17.6
	Asian Am./Pacific Islander	39,867	60	22.9	21.1
	Other/No Response	167,955	41	22.2	19.8

**Table 2.4. 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	51	3	36	2	134	7	35	2
	28 to 32	219	11	209	11	314	16	142	7
	24 to 27	356	18	481	24	354	18	414	21
	20 to 23	456	23	383	19	382	19	615	31
	16 to 19	400	20	612	31	355	18	489	25
	13 to 15	229	12	243	12	284	14	170	9
	01 to 12	276	14	23	1	164	8	122	6
National	33 to 36	35,933	3	24,395	2	56,816	5	18,798	2
	28 to 32	126,394	10	103,455	9	150,082	12	67,815	6
	24 to 27	205,310	17	250,510	21	224,470	19	238,007	20
	20 to 23	321,306	27	264,179	22	280,741	23	419,135	35
	16 to 19	267,738	22	399,519	33	269,040	22	326,445	27
	13 to 15	149,825	12	154,528	13	156,903	13	90,944	8
	01 to 12	99,949	8	9,869	1	68,403	6	45,311	4

**Table 2.5. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	841	42	19.3	21.9	21.1	21.3	21.0
	Females	1,051	53	20.6	20.7	22.2	20.5	21.1
	Missing	95	5	20.5	21.1	21.9	21.0	21.3
National	Males	517,563	43	20.1	21.5	21.1	21.4	21.2
	Females	646,688	54	21.0	20.3	21.6	20.5	21.0
	Missing	42,204	3	20.6	21.1	21.6	20.8	21.1

**Table 2.6. 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	61	51	51	33	28
	Females	67	42	59	27	23
National	Males	66	47	51	32	25
	Females	71	37	55	23	18





# 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

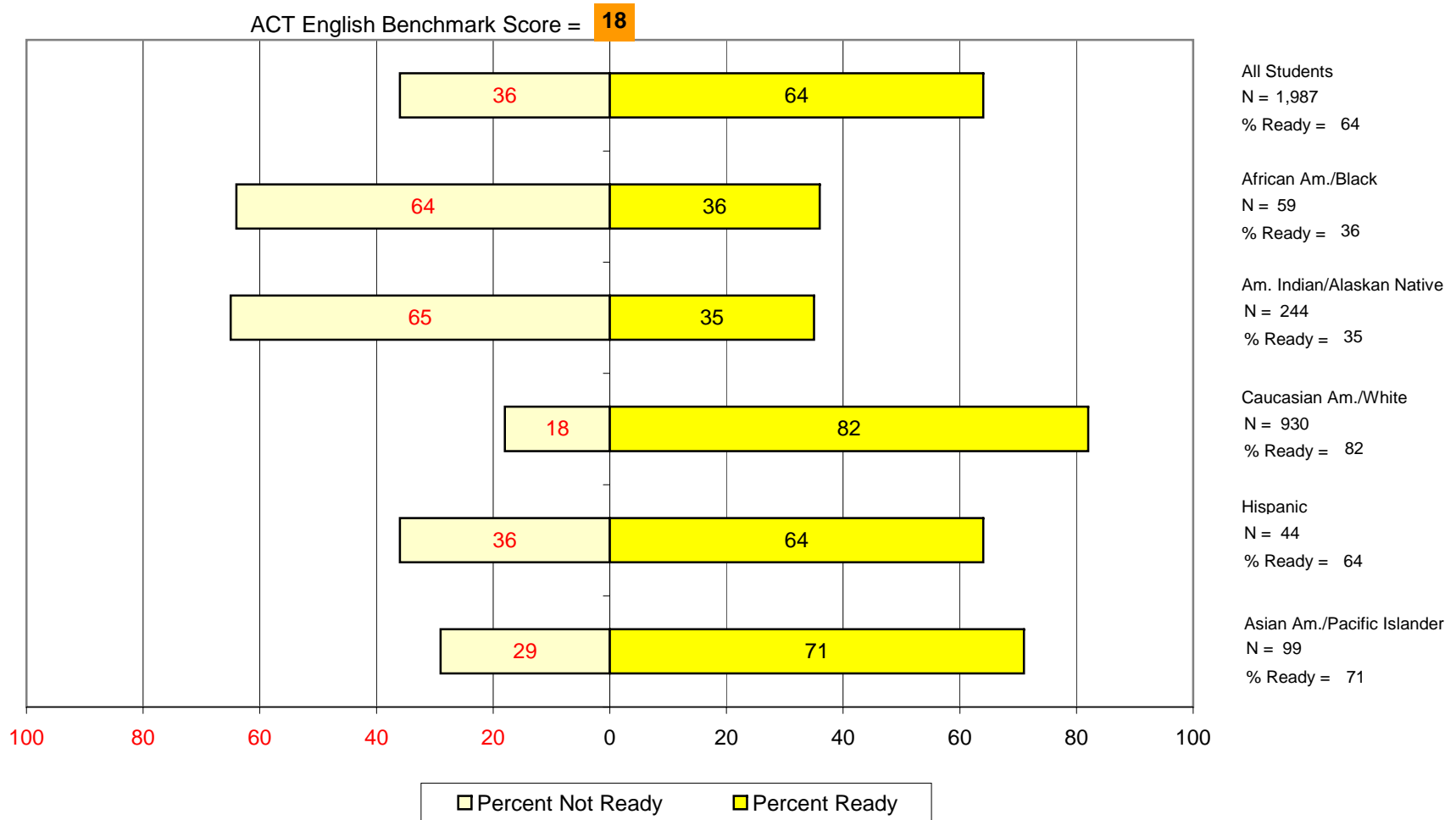


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

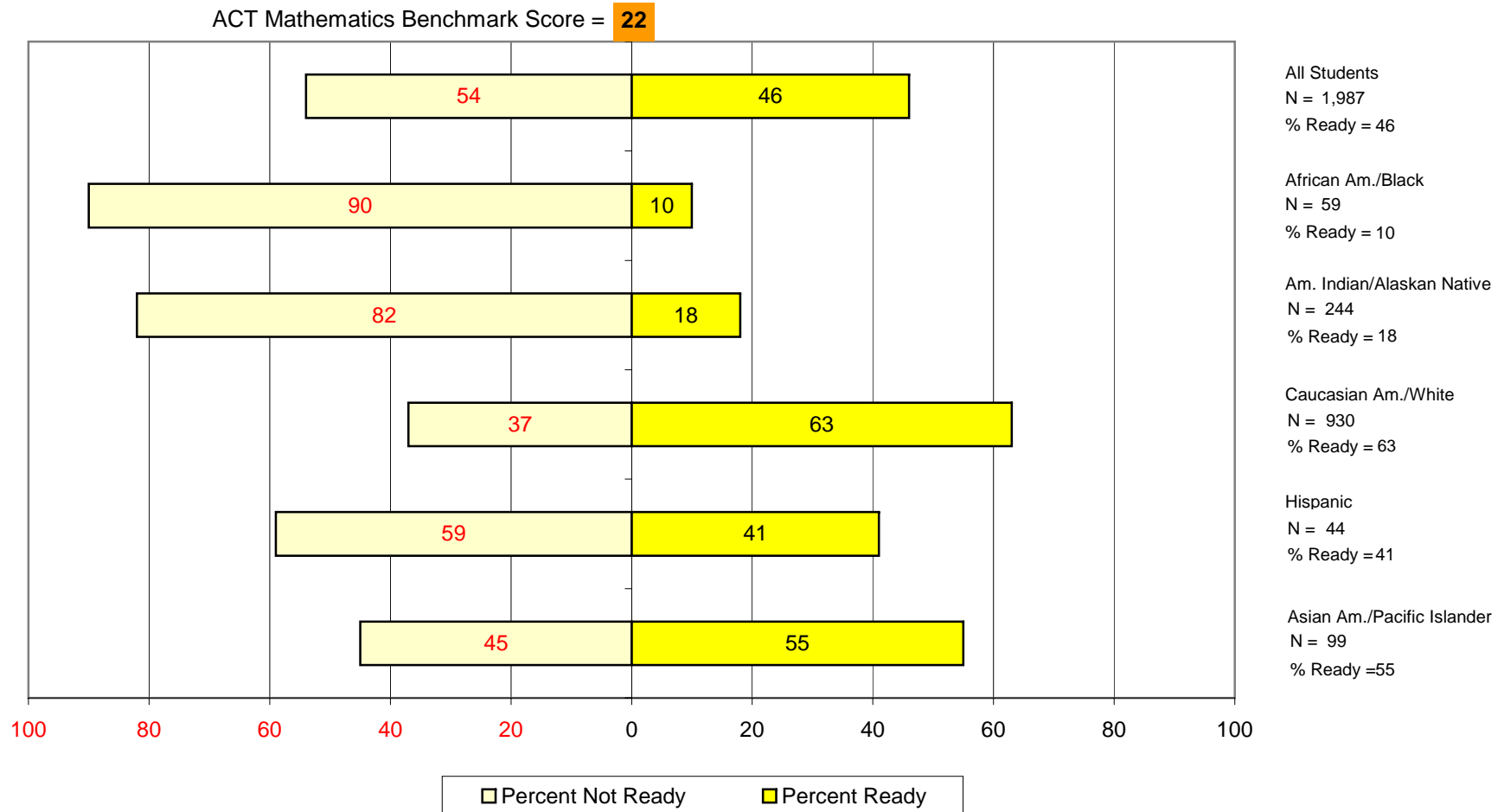


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

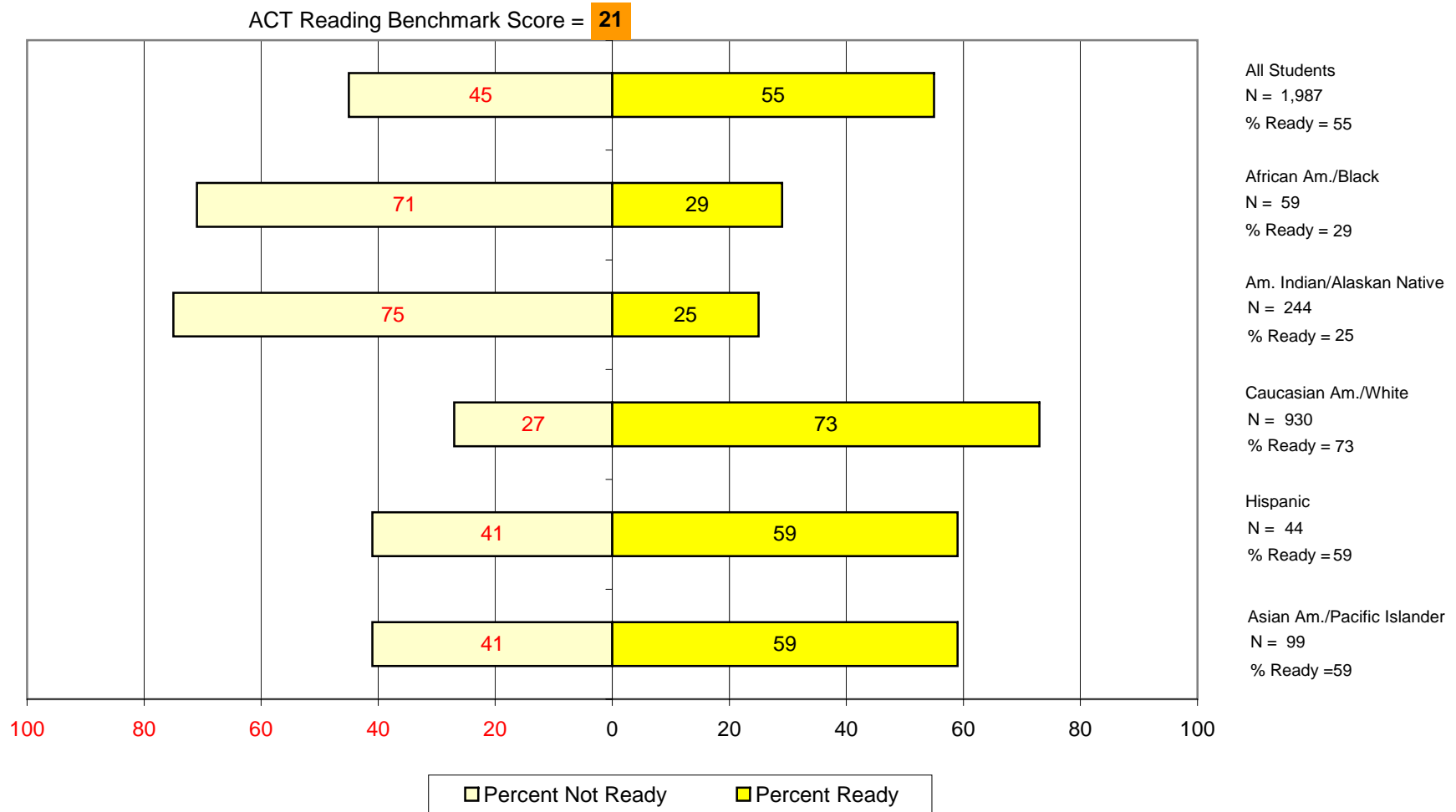


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

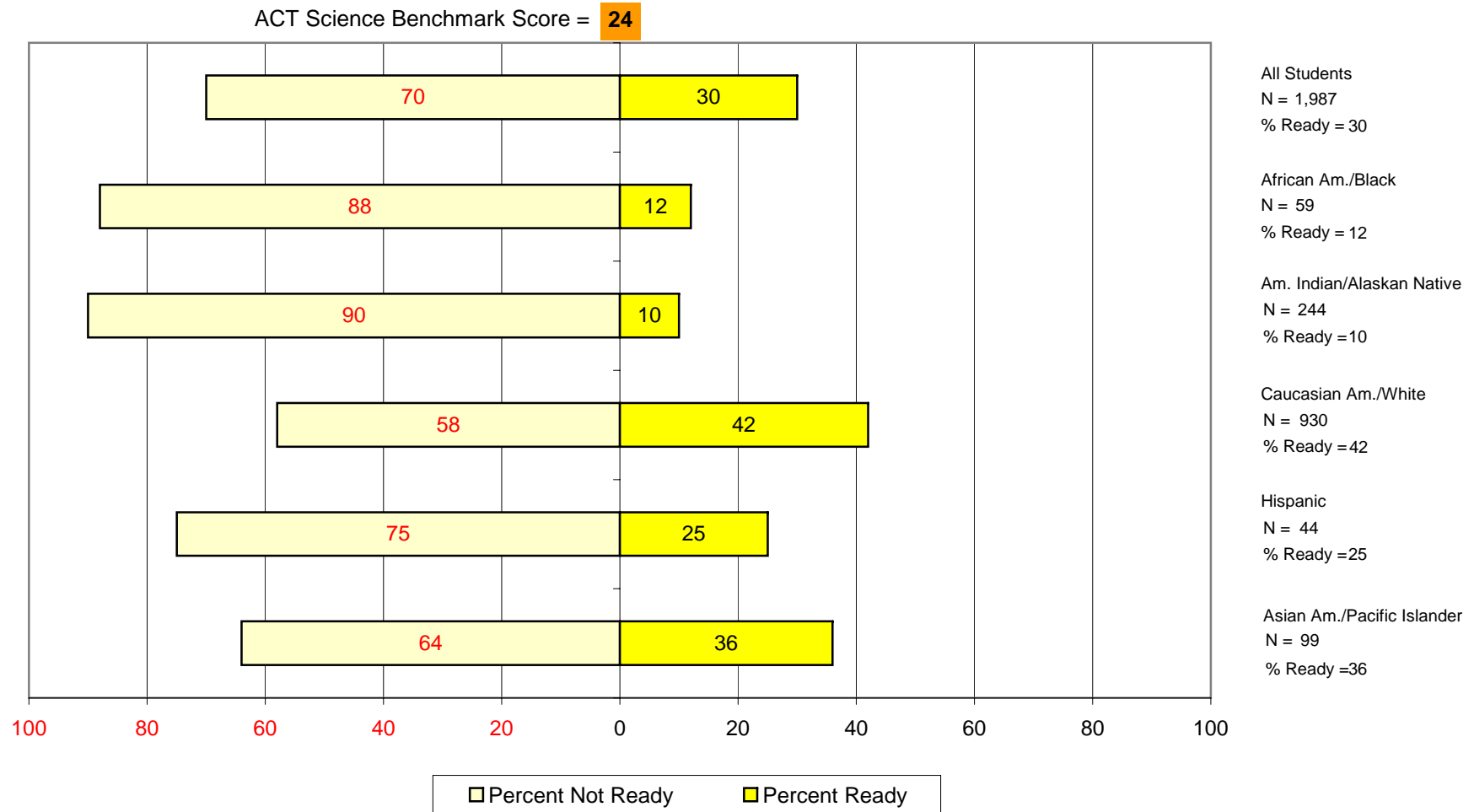
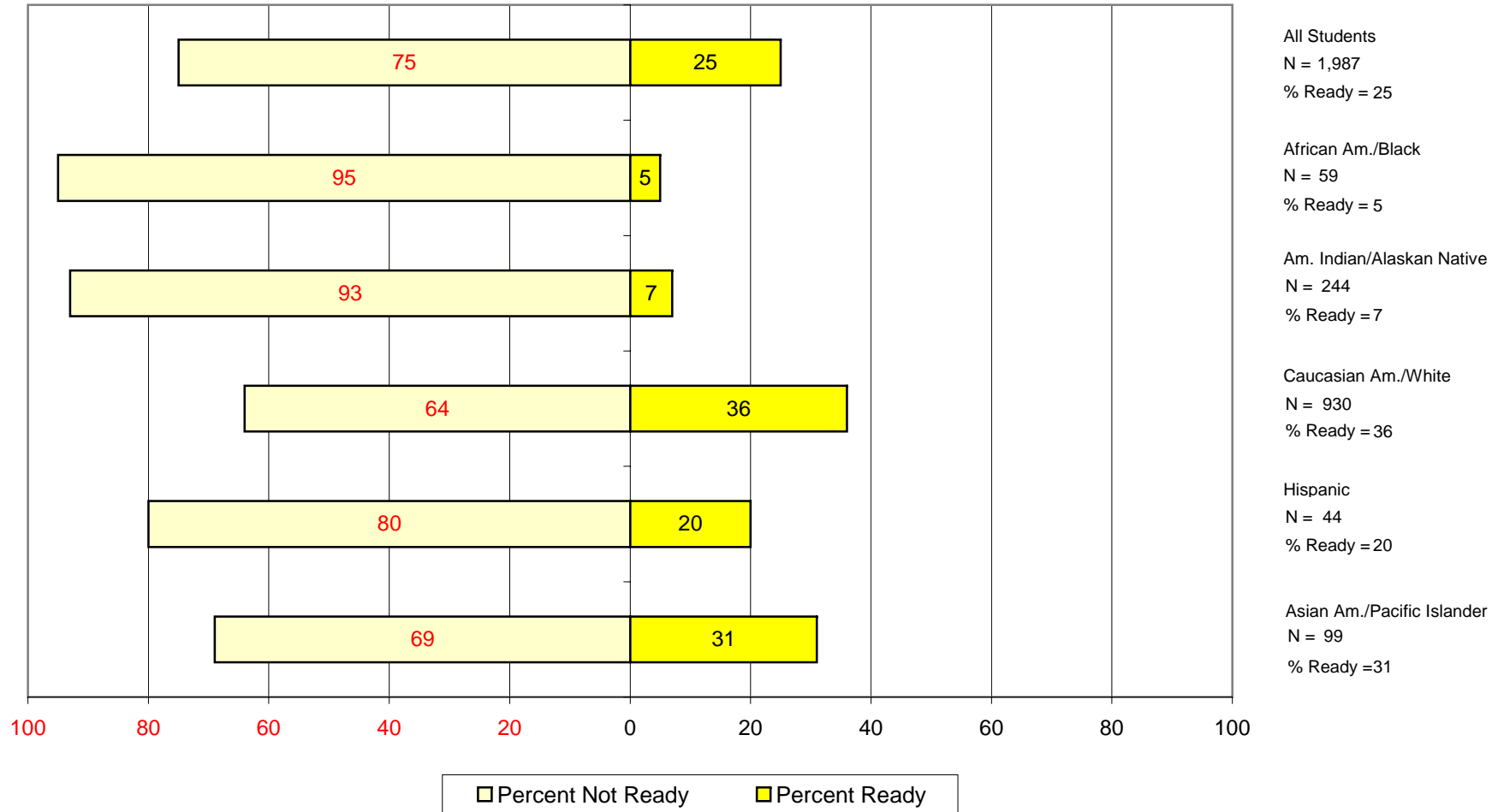


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



**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	247	12	21.8	0.1	89	11	21.5	0.7	143	14	22.4	0.1
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	815	41	22.4	0.7	347	41	22.1	1.3	433	41	22.8	0.5
Less than 4 years of English	201	10	21.7	-	83	10	20.8	-	101	10	22.3	-
No English course/grade information reported	724	36	16.3	-	322	38	15.3	-	374	36	17.0	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	160	8	26.4	6.5	64	8	27.7	6.3	89	8	25.6	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	82	4	24.5	4.6	27	3	25.3	3.9	49	5	23.9	4.9
Alg 1, Alg 2, Geom, & Trig	127	6	23.3	3.4	49	6	23.6	2.2	75	7	23.0	4.0
Alg 1, Alg 2, Geom, & Other Adv Math	92	5	21.8	1.9	30	4	22.8	1.4	57	5	21.3	2.3
Other comb of 4 or more years of Math	268	13	25.7	5.8	151	18	26.5	5.1	110	10	24.8	5.8
Alg 1, Alg 2, & Geom (Min. Core)	239	12	19.4	-0.5	78	9	20.4	-1.0	146	14	19.0	0.0
Other comb of 3 or 3.5 years of Math	66	3	21.5	1.6	27	3	21.9	0.5	34	3	21.6	2.6
Less than 3 years of Math	218	11	19.9	-	83	10	21.4	-	119	11	19.0	-
No Math course/grade information reported	735	37	18.7	-	332	39	18.6	-	372	35	18.4	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	44	2	25.0	1.8	19	2	25.3	2.0	23	2	25.7	2.4
Other comb of 4 or more years Social Science	499	25	24.1	0.9	192	23	24.1	0.8	286	27	24.1	0.8
US Hist, World Hist, & Am Gov (Min. Core)	80	4	23.7	0.5	38	5	23.4	0.1	37	4	24.3	1.0
Other comb of 3 or 3.5 years of Social Science	403	20	23.8	0.6	171	20	22.7	-0.6	212	20	24.9	1.6
Less than 3 years of Social Science	237	12	23.2	-	97	12	23.3	-	122	12	23.3	-
No Soc Sci course/grade information reported	724	36	18.1	-	324	39	17.4	-	371	35	18.4	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	303	15	24.1	3.1	159	19	24.6	3.1	135	13	23.6	3.0
Bio, Chem, Phys	136	7	25.3	4.3	61	7	26.3	4.8	68	6	24.5	3.9
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	365	18	21.3	0.3	115	14	22.0	0.5	226	22	21.3	0.7
Other comb of 3 years of Natural Science	45	2	22.0	1.0	27	3	23.3	1.8	17	2	20.5	-0.1
Less than 3 years of Natural Science	392	20	21.0	-	146	17	21.5	-	223	21	20.6	-
No Nat Sci course/grade information reported	746	38	18.3	-	333	40	18.2	-	382	36	18.1	-

<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	247	12	21.8	76	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	815	41	22.4	80	668,226	55	20.4	67
Less than 4 years of English	201	10	21.7	78	115,551	10	19.4	62
No English course/grade information reported	724	36	16.3	39	150,124	12	20.3	67
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	160	8	26.4	88	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	82	4	24.5	78	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	127	6	23.3	69	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	92	5	21.8	55	153,394	13	20.3	37
Other comb of 4 or more years of Math	268	13	25.7	83	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	239	12	19.4	25	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	66	3	21.5	47	54,965	5	20.6	40
Less than 3 years of Math	218	11	19.9	34	131,567	11	17.9	18
No Math course/grade information reported	735	37	18.7	25	158,635	13	20.8	42
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	44	2	25.0	75	31,335	3	22.7	60
Other comb of 4 or more years Social Science	499	25	24.1	71	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	80	4	23.7	68	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	403	20	23.8	68	325,879	27	21.3	52
Less than 3 years of Social Science	237	12	23.2	66	179,270	15	20.5	46
No Soc Sci course/grade information reported	724	36	18.1	31	158,406	13	21.2	52
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	303	15	24.1	55	320,821	27	22.3	38
Bio, Chem, Phys	136	7	25.3	72	115,519	10	23.2	45
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	365	18	21.3	28	339,689	28	20.2	19
Other comb of 3 years of Natural Science	45	2	22.0	44	32,330	3	20.5	24
Less than 3 years of Natural Science	392	20	21.0	26	234,307	19	19.1	14
No Nat Sci course/grade information reported	746	38	18.3	14	163,789	14	20.7	26

<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	7	0	21.1	1	1	17.0	6	0	21.8
Architecture & Environmental Design	32	2	21.8	2	2	18.5	29	2	22.2
Business & Management	69	3	20.4	6	7	16.7	58	5	21.3
Business & Office	11	1	20.4	3	3	22.3	7	1	20.4
Marketing & Distribution	7	0	20.9	1	1	13.0	6	0	22.2
Communications & Comm. Technologies	25	1	22.8	1	1	12.0	23	2	23.1
Community & Personal Services	16	1	21.4	1	1	12.0	13	1	22.5
Computer & Information Sciences	37	2	22.2	1	1	15.0	34	3	22.5
Cross-Disciplinary Studies	1	0	19.0	0	0	.	1	0	19.0
Education	50	3	20.4	0	0	.	47	4	20.7
Teacher Education	27	1	20.7	0	0	.	26	2	20.8
Engineering	92	5	21.9	8	9	13.5	78	6	23.0
Engineering-Related Technologies	49	2	20.6	4	4	16.3	42	3	21.4
Foreign Languages	14	1	23.1	0	0	.	13	1	22.9
Health Sciences & Allied Health Fields	179	9	21.2	10	11	18.3	165	13	21.6
Human, Family & Consumer Science	7	0	20.0	3	3	20.7	4	0	19.5
Letters	9	0	26.6	0	0	.	8	1	25.5
Mathematics	8	0	26.3	0	0	.	7	1	25.6
Philosophy, Religion & Theology	10	1	23.8	1	1	26.0	9	1	23.6
Sciences (Biological & Physical)	98	5	24.8	0	0	.	96	7	24.8
Social Sciences	95	5	23.2	0	0	.	92	7	23.5
Trade & Industrial	44	2	17.6	24	26	17.3	17	1	18.8
Visual & Performing Arts	82	4	21.8	4	4	19.3	74	6	22.2
Undecided	151	8	20.7	14	15	15.4	124	10	21.5
No Response	867	44	20.3	8	9	16.8	308	24	23.0

<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/ Alaskan 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	27	16.9	1	22.0	18	14.8	6	19.8	0	.	0	.	2	24.0
2-yr College Degree	65	17.0	2	17.5	28	14.9	22	19.2	1	14.0	3	16.0	9	18.3
Bachelors Degree	598	20.8	20	17.3	96	17.4	322	22.0	16	20.9	38	20.5	106	20.8
Graduate Study	330	23.9	10	20.3	22	18.9	208	24.8	8	23.4	21	23.6	61	23.4
Prof. Level Degree	359	23.9	7	21.1	32	19.8	220	24.8	10	20.0	24	23.0	66	24.1
Other	43	16.7	3	14.7	16	14.1	9	19.3	1	20.0	1	14.0	13	18.4
No Response	565	19.0	16	15.6	32	18.0	143	23.0	8	21.8	12	22.9	354	17.5

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF ALASKA ANCHORAGE	Alaska	609	333	276	6	24	27	23	14	5	0
UNIVERSITY OF ALASKA FAIRBANKS	Alaska	500	226	274	9	22	24	23	16	4	1
UNIVERSITY OF WASHINGTON	Washington	95	33	62	0	4	16	29	32	19	0
UNIVERSITY OF ALASKA SOUTHEAST	Alaska	83	16	67	16	28	29	16	11	0	1
WESTERN WASHINGTON UNIVERSITY	Washington	78	23	55	0	0	12	23	36	27	3
WASHINGTON STATE UNIVERSITY	Washington	73	13	60	0	3	21	30	25	21	1
OREGON STATE UNIVERSITY	Oregon	67	13	54	0	3	27	36	18	16	0
BRIGHAM YOUNG UNIVERSITY	Utah	64	42	22	2	2	14	28	30	20	5
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	57	15	42	2	4	14	33	35	12	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	55	23	32	0	0	16	27	35	22	0
UNIVERSITY OF OREGON	Oregon	55	11	44	0	2	16	16	33	31	2
ALASKA PACIFIC UNIVERSITY	Alaska	52	10	42	6	31	27	17	13	6	0
UNIVERSITY OF IDAHO	Idaho	46	13	33	0	2	17	24	35	22	0
GONZAGA UNIVERSITY	Washington	43	6	37	0	7	19	30	26	14	5
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	43	18	25	2	5	26	33	28	7	0
FORT LEWIS COLLEGE	Colorado	38	12	26	13	21	29	26	8	3	0
UNIVERSITY OF HAWAII AT MANOA	Hawaii	37	6	31	0	16	24	27	24	5	3
SHELDON JACKSON COLLEGE	Alaska	34	5	29	12	44	29	15	0	0	0
UNIVERSITY OF MONTANA	Montana	34	5	29	0	0	24	24	35	15	3
COLORADO STATE UNIVERSITY	Colorado	32	11	21	0	0	13	16	38	28	6
EASTERN WASHINGTON UNIVERSITY	Washington	30	4	26	0	7	37	40	13	3	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	28	2	26	4	7	18	25	36	7	4
STANFORD UNIVERSITY	California	27	7	20	0	0	4	26	30	33	7
UNIVERSITY OF NEVADA-RENO	Nevada	27	5	22	0	7	26	33	19	15	0
MATANUSKA-SUSITNA COLLEGE/UAA	Alaska	26	2	24	23	31	19	12	15	0	0
KUSKOKWIM COLLEGE	Alaska	25	11	14	24	52	16	8	0	0	0
NORTHERN ARIZONA UNIVERSITY	Arizona	23	7	16	4	9	26	30	17	13	0
PORTLAND STATE UNIVERSITY	Oregon	23	5	18	4	0	26	35	22	13	0
UNLISTED INSTITUTION/NO CODE (H)	District of Columbia	23	5	18	9	26	22	17	26	0	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	22	4	18	0	9	32	27	27	0	5
All Other Institutions		2,165	494	1,671	2	11	20	24	23	17	2
<b>Total</b>		<b>4,514</b>	<b>1,380</b>	<b>3,134</b>	<b>4</b>	<b>14</b>	<b>22</b>	<b>24</b>	<b>21</b>	<b>13</b>	<b>1</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>763</b>	<b>430,404</b>	<b>22.9</b>	<b>22.4</b>	<b>7.8</b>	<b>7.7</b>	<b>22.4</b>	<b>22.0</b>
African Am./Black	30	38,583	15.5	17.5	6.9	6.8	16.3	17.6
Am. Indian/Alaskan Native	44	2,803	19.4	19.8	7.0	7.1	19.1	19.6
Caucasian Am./White	452	269,428	23.7	23.4	7.9	7.8	23.2	22.8
Hispanic	24	33,207	23.2	18.9	7.5	7.4	22.3	19.1
Asian Am./Pacific Islander	45	21,275	22.2	23.0	7.7	8.0	21.9	22.8
Other/No Response	168	65,108	22.9	22.8	7.8	7.9	22.5	22.5
Males	291	170,904	22.5	22.1	7.5	7.4	21.9	21.5
Females	416	240,056	23.3	22.6	8.0	7.9	23.0	22.3
Missing	56	19,444	21.4	22.1	7.4	7.8	20.9	21.9



