

# ACT High School Profile Report

The Graduating Class of 2006  
Hawaii





# ACT High School Profile Report

The Graduating Class of 2006

Hawaii

Section I: Executive Summary	P. 5
Section II: Academic Achievement	P. 9
Section III: College Readiness & the Impact of Course Rigor	P. 14
Section IV: Career and Educational Aspirations	P. 22
Section V: Optional Writing Test Results	P. 26



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

26% 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.** 2,260 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. 55% 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 9% of the cohort took less than three years of math courses. Of these students, 41% were college ready. 14% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 15% of these students were college ready. In comparison, 67% 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 10% of the cohort took less than three years of natural science courses. 26% of these students were college ready. In comparison, 32% 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 33% 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).

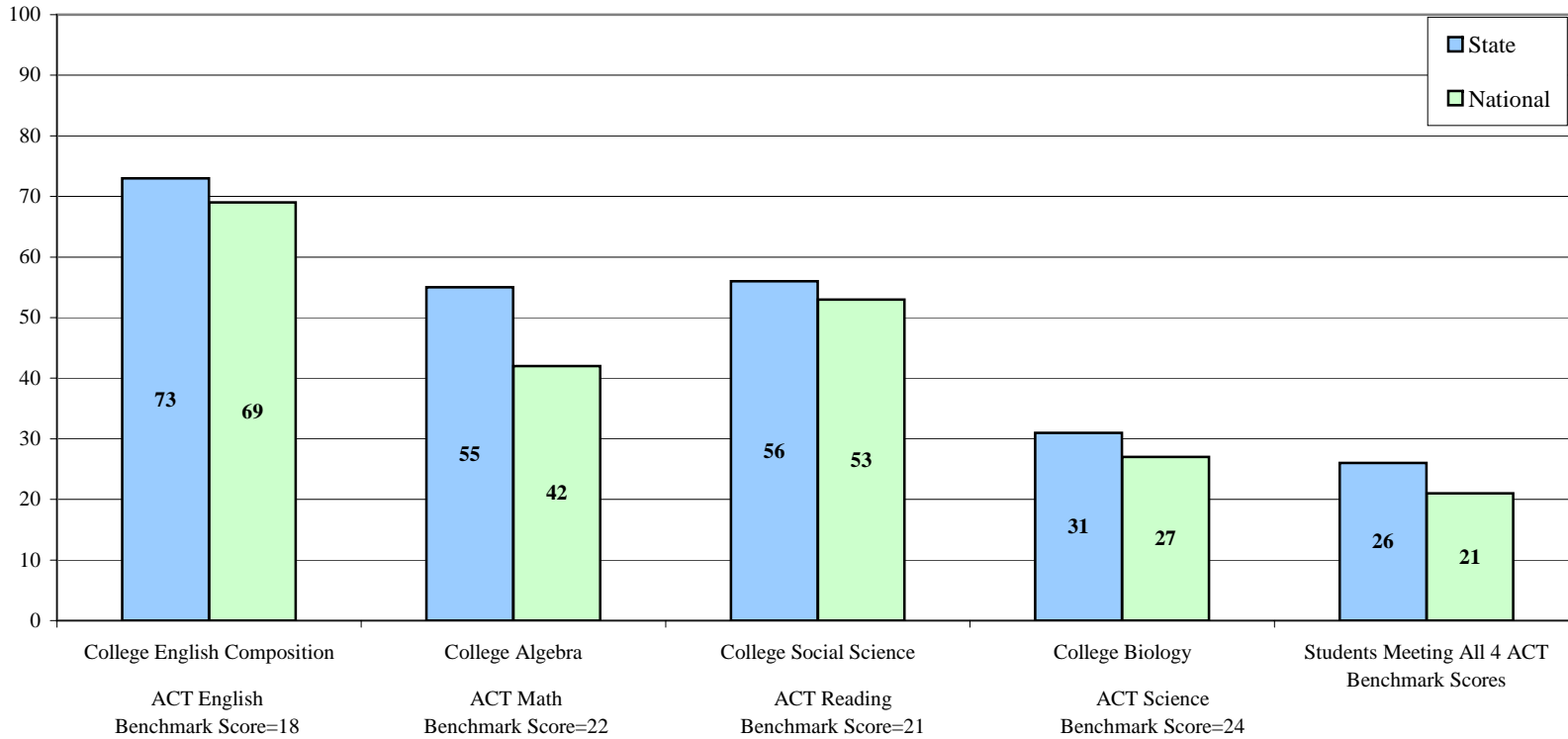
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS.** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic 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	2,511	1,116,082	73	67	59	39	59	53	31	26	27	20
2003	2,194	1,175,059	73	67	55	40	55	52	31	26	26	20
2004	2,266	1,171,460	71	68	55	40	55	52	30	26	25	21
2005	2,109	1,186,251	71	68	56	41	54	51	33	26	28	21
<b>2006</b>	<b>2,260</b>	<b>1,206,455</b>	<b>73</b>	<b>69</b>	<b>55</b>	<b>42</b>	<b>56</b>	<b>53</b>	<b>31</b>	<b>27</b>	<b>26</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	2,511	1,116,082	20.8	20.2	23.1	20.6	21.9	21.1	21.6	20.8	22.0	20.8
2003	2,194	1,175,059	20.9	20.3	22.7	20.6	21.8	21.2	21.5	20.8	21.8	20.8
2004	2,266	1,171,460	20.8	20.4	22.5	20.7	21.7	21.3	21.4	20.9	21.7	20.9
2005	2,109	1,186,251	21.0	20.4	22.7	20.7	21.9	21.3	21.6	20.9	21.9	20.9
<b>2006</b>	<b>2,260</b>	<b>1,206,455</b>	<b>21.2</b>	<b>20.6</b>	<b>22.7</b>	<b>20.8</b>	<b>21.9</b>	<b>21.4</b>	<b>21.5</b>	<b>20.9</b>	<b>21.9</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	1,701	638	68	25	21.1	19.9	23.4	21.8	22.2	21.2	21.8	20.7	22.3	21.0
2003	1,441	570	66	26	21.3	19.6	23.0	21.7	22.1	20.8	21.8	20.5	22.2	20.7
2004	1,428	620	63	27	21.3	19.7	23.1	21.1	22.2	20.6	21.8	20.5	22.2	20.6
2005	1,234	623	59	30	21.2	20.5	23.0	22.1	21.9	21.6	21.7	21.0	22.1	21.4
<b>2006</b>	<b>1,249</b>	<b>698</b>	<b>55</b>	<b>31</b>	<b>21.5</b>	<b>20.6</b>	<b>22.8</b>	<b>22.5</b>	<b>22.3</b>	<b>21.3</b>	<b>21.5</b>	<b>21.4</b>	<b>22.1</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>2,511</b>	<b>100</b>	<b>22.0</b>	<b>2,194</b>	<b>100</b>	<b>21.8</b>	<b>2,266</b>	<b>100</b>	<b>21.7</b>	<b>2,109</b>	<b>100</b>	<b>21.9</b>	<b>2,260</b>	<b>100</b>	<b>21.9</b>
African American/Black	44	2	21.0	42	2	18.6	43	2	18.2	31	1	19.7	32	1	18.9
American Indian/Alaskan Native	10	0	21.3	10	0	18.8	9	0	19.4	7	0	19.7	6	0	23.2
Caucasian American/White	349	14	22.8	329	15	22.6	315	14	22.9	303	14	23.0	333	15	22.7
Hispanic	28	1	20.1	36	2	20.4	45	2	20.4	39	2	21.9	35	2	20.1
Asian American/Pacific Islander	1,574	63	22.1	1,307	60	21.9	1,389	61	21.8	1,214	58	21.8	1,270	56	21.8
Other/No Response	506	20	21.1	470	21	21.6	465	21	21.4	515	24	21.7	584	26	22.0

# 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	2	100	16	100	17	100	7	100	2	100	36
35	19	100	31	99	33	99	11	100	5	100	35
34	28	99	52	98	31	98	11	99	14	100	34
33	15	98	23	96	34	96	20	99	21	99	33
32	32	97	36	95	35	95	13	98	25	98	32
31	32	96	40	93	55	93	32	97	32	97	31
30	53	94	73	91	69	91	8	96	55	96	30
29	76	92	74	88	79	88	43	95	74	93	29
28	85	89	79	85	72	84	44	94	94	90	28
27	54	85	119	81	106	81	67	92	108	86	27
26	113	82	177	76	117	77	142	89	118	81	26
25	131	77	164	68	112	71	114	82	135	76	25
24	120	72	144	61	140	66	189	77	154	70	24
23	124	66	114	55	125	60	167	69	151	63	23
22	159	61	108	49	131	55	191	62	172	56	22
21	160	54	127	45	116	49	196	53	154	49	21
20	187	47	132	39	135	44	226	44	181	42	20
19	133	38	128	33	159	38	230	34	161	34	19
18	123	33	100	28	84	31	154	24	137	27	18
17	100	27	186	23	134	27	122	17	164	21	17
16	103	23	160	15	103	21	89	12	108	13	16
15	121	18	92	8	97	17	68	8	79	9	15
14	96	13	57	4	110	12	47	5	62	5	14
13	67	9	14	1	59	7	26	3	30	2	13
12	36	6	8	1	60	5	18	2	15	1	12
11	32	4	3	1	28	2	12	1	7	1	11
10	21	3	2	1	10	1	4	1	1	1	10
9	24	2	0	1	5	1	4	1	1	1	9
8	9	1	1	1	3	1	1	1	0	1	8
7	3	1	0	1	0	1	1	1	0	1	7
6	2	1	0	1	1	1	3	1	0	1	6
5	0	1	0	1	0	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	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Average	21.2		22.7		21.9		21.5		21.9		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	93	100	17	100	38	100	87	100	132	100	45	100	51	100	18
17	87	96	30	99	119	98	132	96	133	94	73	98	51	98	17
16	92	92	108	98	114	93	164	90	194	88	72	95	90	95	16
15	124	88	126	93	127	88	170	83	182	80	147	92	154	92	15
14	168	82	193	88	146	82	157	76	168	72	258	85	234	85	14
13	140	75	216	79	216	76	181	69	244	64	173	74	275	74	13
12	216	69	244	69	223	66	259	61	230	53	342	66	242	62	12
11	226	59	298	59	207	57	185	49	184	43	207	51	213	51	11
10	244	49	251	45	189	47	187	41	195	35	323	42	381	42	10
9	211	38	273	34	274	39	190	33	122	26	324	27	195	25	9
8	184	29	185	22	254	27	135	24	219	21	133	13	124	17	8
7	174	21	140	14	129	16	122	18	148	11	20	7	106	11	7
6	136	13	79	8	117	10	161	13	82	5	76	6	64	6	6
5	88	7	66	4	50	5	69	6	17	1	43	3	7	4	5
4	53	3	23	2	29	3	46	3	8	1	5	1	48	3	4
3	18	1	8	1	13	1	12	1	1	1	15	1	3	1	3
2	6	1	3	1	8	1	3	1	0	1	1	1	17	1	2
1	0	1	0	1	7	1	0	1	1	1	3	1	5	1	1
Average	10.8		10.8		10.9		11.4		12.0		11.4		11.3		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	2,260	55	22.1	21.6
	African Am./Black	32	59	19.8	17.5
	Am. Indian/Alaskan Native	6	83	23.4	22.0
	Caucasian Am./White	333	52	23.1	22.3
	Hispanic	35	60	20.2	20.5
	Asian Am./Pacific Islander	1,270	59	22.0	21.5
	Other/No Response	584	49	22.3	21.6
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	64	3	122	5	115	5	49	2
	28 to 32	278	12	302	13	310	14	140	6
	24 to 27	418	18	604	27	475	21	512	23
	20 to 23	630	28	481	21	507	22	780	35
	16 to 19	459	20	574	25	480	21	595	26
	13 to 15	284	13	163	7	266	12	141	6
	01 to 12	127	6	14	1	107	5	43	2
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	776	34	20.6	23.4	21.6	22.1	22.0
	Females	1,337	59	21.5	22.3	22.1	21.1	21.9
	Missing	147	7	21.1	22.0	22.1	20.9	21.7
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	68	60	53	37	32
	Females	75	53	58	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

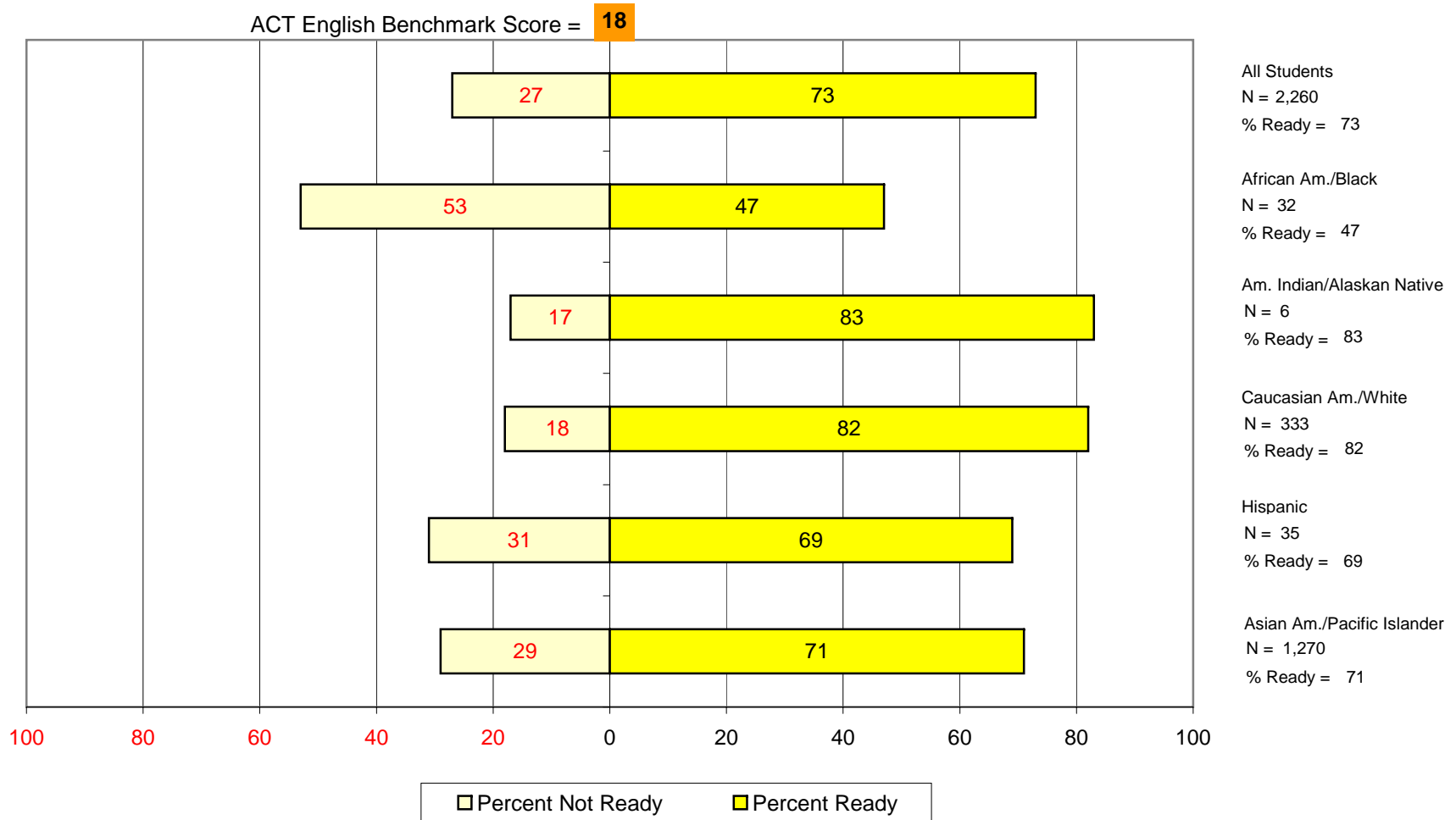


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

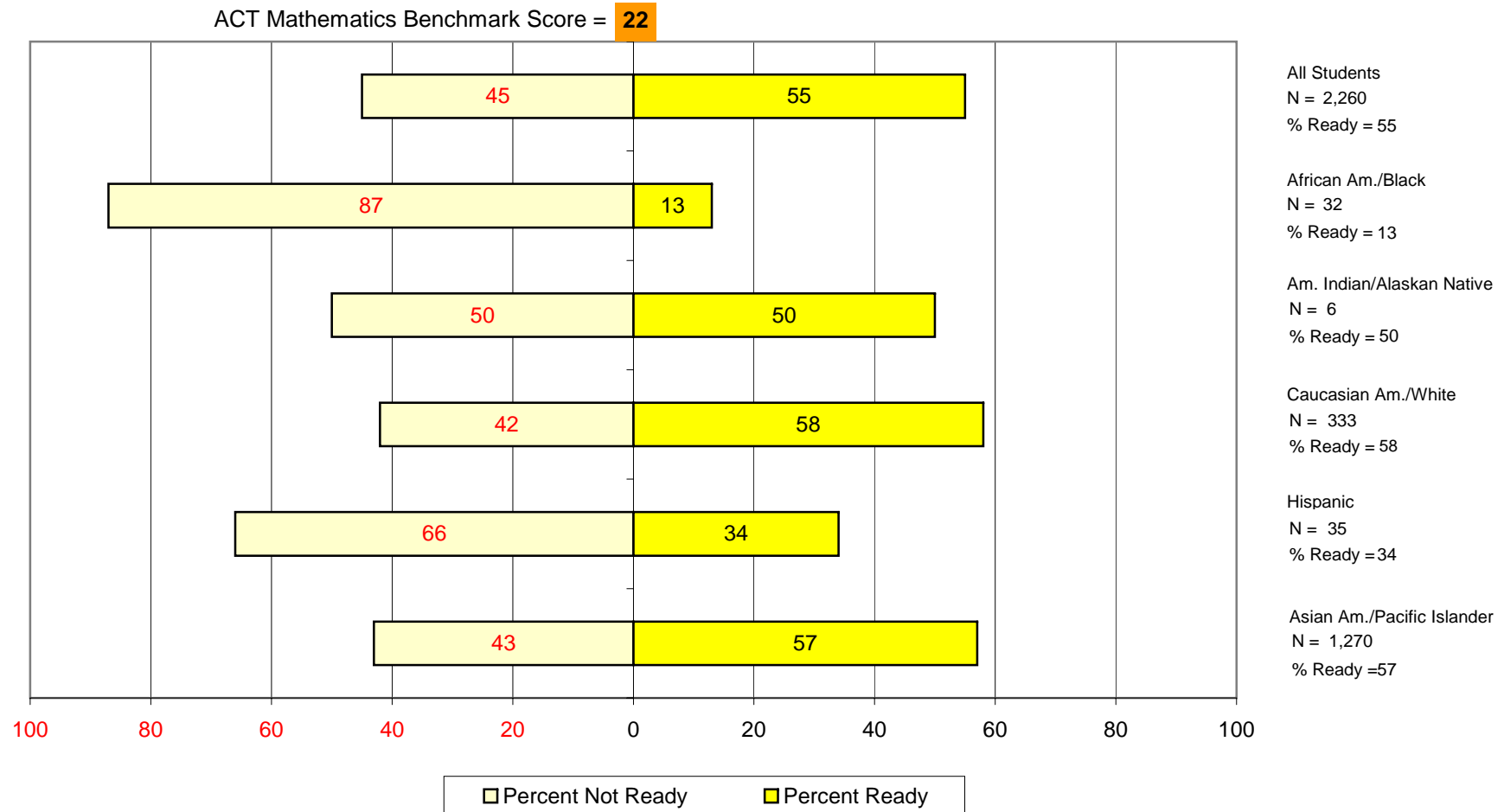


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

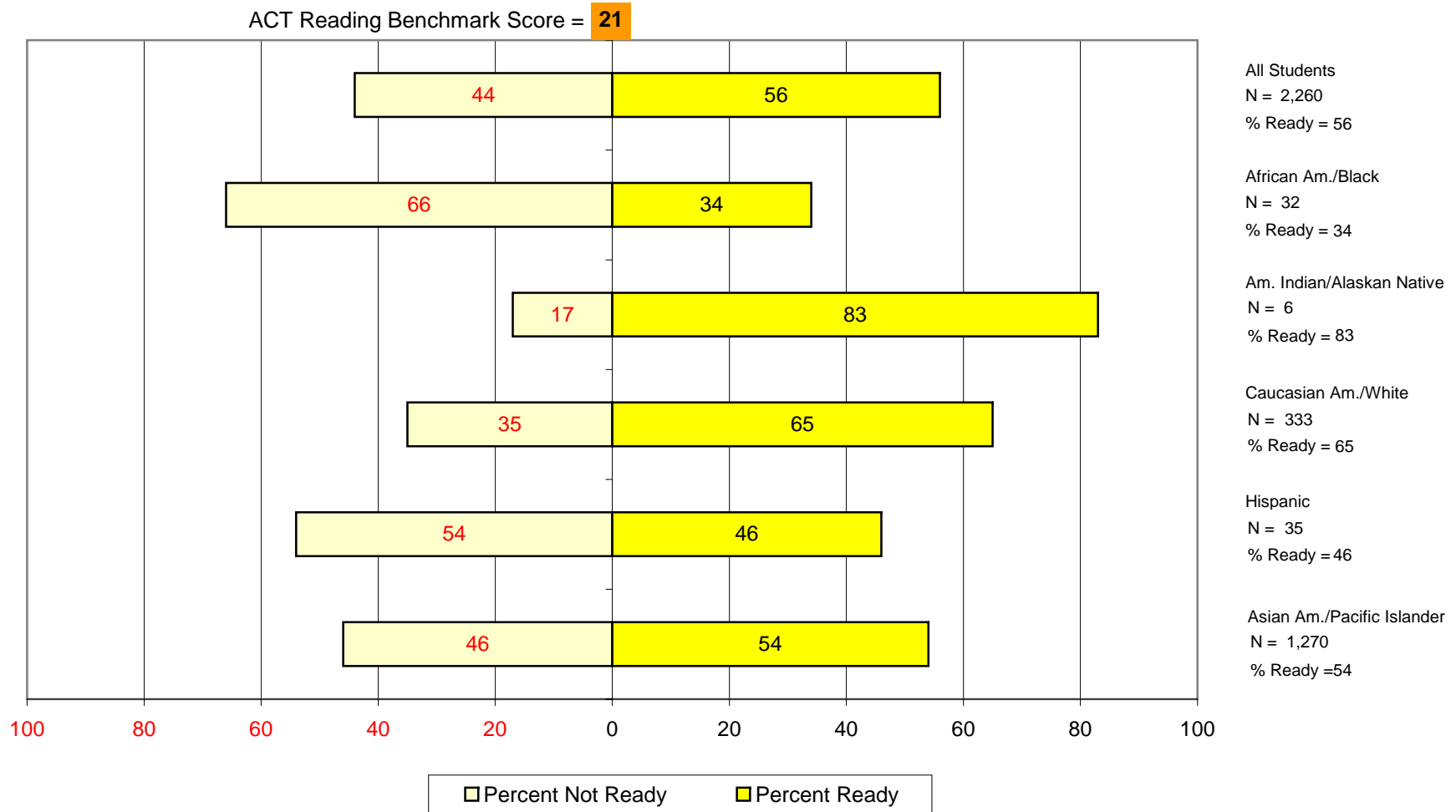


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

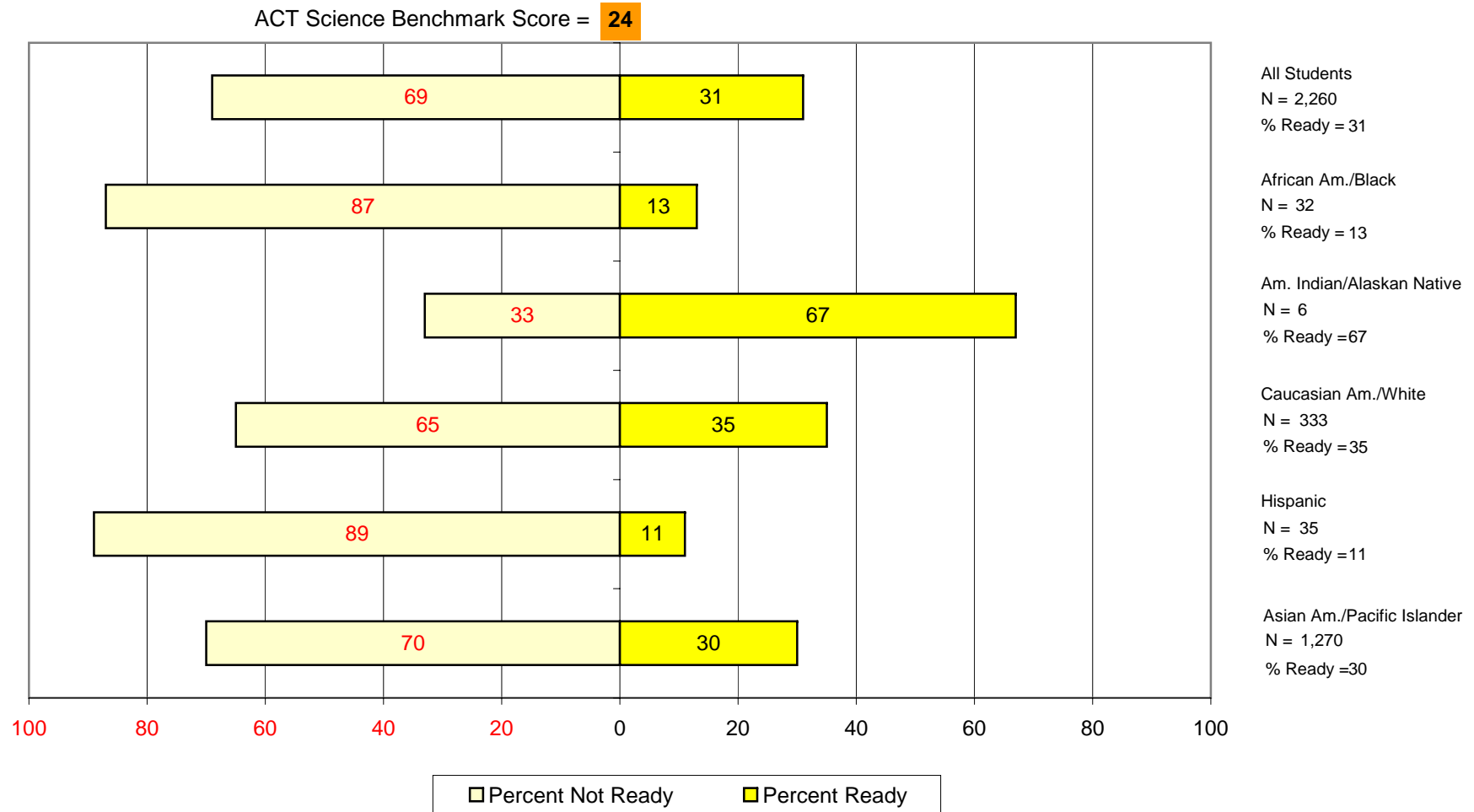
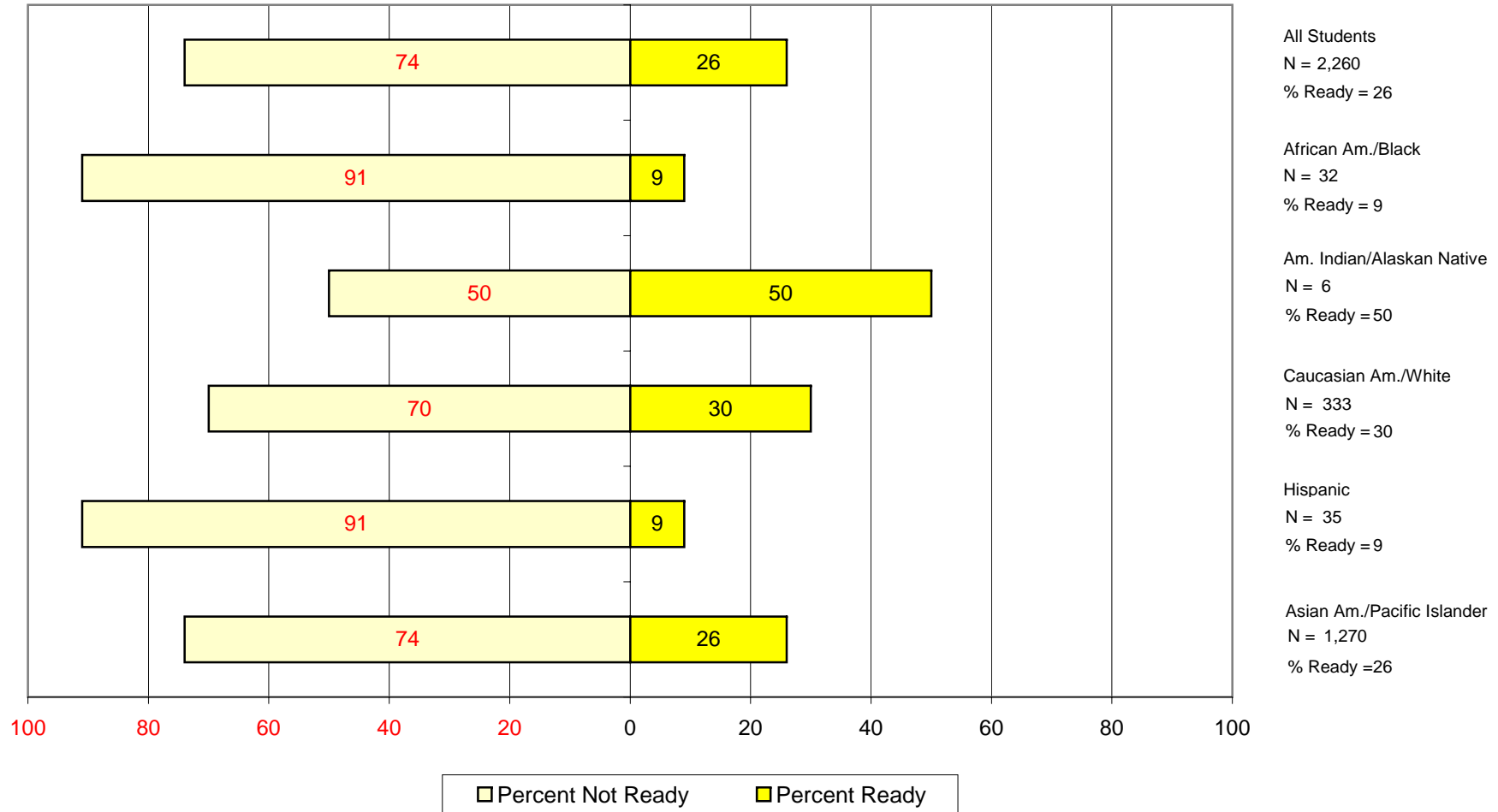


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



**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	333	15	23.4	3.0	114	15	23.4	4.1	210	16	23.5	2.5
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,352	60	20.8	0.4	462	60	20.0	0.7	816	61	21.2	0.2
Less than 4 years of English	244	11	20.4	-	86	11	19.3	-	136	10	21.0	-
No English course/grade information reported	331	15	21.0	-	114	15	20.9	-	175	13	20.8	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	229	10	25.6	4.8	76	10	26.4	5.3	145	11	25.1	4.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	250	11	24.0	3.2	68	9	23.7	2.6	167	12	24.1	3.5
Alg 1, Alg 2, Geom, & Trig	324	14	21.2	0.4	116	15	22.9	1.8	191	14	20.5	-0.1
Alg 1, Alg 2, Geom, & Other Adv Math	121	5	21.3	0.5	35	5	22.3	1.2	78	6	20.8	0.2
Other comb of 4 or more years of Math	430	19	26.4	5.6	155	20	27.4	6.3	256	19	25.8	5.2
Alg 1, Alg 2, & Geom (Min. Core)	319	14	18.2	-2.6	119	15	18.7	-2.4	185	14	17.9	-2.7
Other comb of 3 or 3.5 years of Math	35	2	21.3	0.5	16	2	20.4	-0.7	18	1	21.8	1.2
Less than 3 years of Math	213	9	20.8	-	65	8	21.1	-	127	9	20.6	-
No Math course/grade information reported	339	15	22.6	-	126	16	23.2	-	170	13	22.2	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	135	6	22.2	0.3	39	5	20.3	-0.6	87	7	23.1	0.7
Other comb of 4 or more years Social Science	588	26	22.3	0.4	212	27	22.0	1.1	341	26	22.6	0.2
US Hist, World Hist, & Am Gov (Min. Core)	39	2	22.0	0.1	13	2	21.7	0.8	23	2	22.3	-0.1
Other comb of 3 or 3.5 years of Social Science	663	29	21.5	-0.4	212	27	21.8	0.9	420	31	21.5	-0.9
Less than 3 years of Social Science	490	22	21.9	-	176	23	20.9	-	291	22	22.4	-
No Soc Sci course/grade information reported	345	15	21.8	-	124	16	21.7	-	175	13	21.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	848	38	22.4	1.9	317	41	23.0	3.0	495	37	22.0	1.3
Bio, Chem, Phys	363	16	22.1	1.6	109	14	23.3	3.3	236	18	21.6	0.9
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	416	18	19.7	-0.8	120	15	20.4	0.4	272	20	19.5	-1.2
Other comb of 3 years of Natural Science	35	2	20.1	-0.4	16	2	21.6	1.6	16	1	17.8	-2.9
Less than 3 years of Natural Science	218	10	20.5	-	80	10	20.0	-	120	9	20.7	-
No Nat Sci course/grade information reported	380	17	21.4	-	134	17	22.0	-	198	15	20.8	-

<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	333	15	23.4	87	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,352	60	20.8	70	668,226	55	20.4	67
Less than 4 years of English	244	11	20.4	69	115,551	10	19.4	62
No English course/grade information reported	331	15	21.0	73	150,124	12	20.3	67
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	229	10	25.6	82	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	250	11	24.0	73	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	324	14	21.2	45	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	121	5	21.3	44	153,394	13	20.3	37
Other comb of 4 or more years of Math	430	19	26.4	81	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	319	14	18.2	15	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	35	2	21.3	46	54,965	5	20.6	40
Less than 3 years of Math	213	9	20.8	41	131,567	11	17.9	18
No Math course/grade information reported	339	15	22.6	53	158,635	13	20.8	42
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	135	6	22.2	57	31,335	3	22.7	60
Other comb of 4 or more years Social Science	588	26	22.3	60	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	39	2	22.0	56	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	663	29	21.5	53	325,879	27	21.3	52
Less than 3 years of Social Science	490	22	21.9	56	179,270	15	20.5	46
No Soc Sci course/grade information reported	345	15	21.8	57	158,406	13	21.2	52
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	848	38	22.4	37	320,821	27	22.3	38
Bio, Chem, Phys	363	16	22.1	38	115,519	10	23.2	45
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	416	18	19.7	16	339,689	28	20.2	19
Other comb of 3 years of Natural Science	35	2	20.1	20	32,330	3	20.5	24
Less than 3 years of Natural Science	218	10	20.5	26	234,307	19	19.1	14
No Nat Sci course/grade information reported	380	17	21.4	31	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	8	0	19.6	0	0	.	8	0	19.6
Architecture & Environmental Design	38	2	21.4	1	4	19.0	36	2	21.6
Business & Management	150	7	21.2	3	13	14.7	140	8	21.4
Business & Office	11	0	17.2	0	0	.	10	1	17.6
Marketing & Distribution	10	0	24.5	0	0	.	10	1	24.5
Communications & Comm. Technologies	66	3	21.5	1	4	19.0	60	3	22.1
Community & Personal Services	25	1	17.0	0	0	.	23	1	17.0
Computer & Information Sciences	47	2	21.5	1	4	16.0	43	2	21.6
Cross-Disciplinary Studies	3	0	24.3	0	0	.	3	0	24.3
Education	72	3	19.9	1	4	14.0	69	4	19.9
Teacher Education	22	1	19.5	0	0	.	22	1	19.5
Engineering	69	3	24.3	0	0	.	67	4	24.3
Engineering-Related Technologies	59	3	23.5	0	0	.	56	3	23.5
Foreign Languages	12	1	23.3	1	4	21.0	10	1	23.5
Health Sciences & Allied Health Fields	390	17	20.7	5	22	19.2	376	21	20.7
Human, Family & Consumer Science	15	1	18.7	0	0	.	14	1	18.9
Letters	13	1	26.4	0	0	.	13	1	26.4
Mathematics	8	0	22.6	0	0	.	8	0	22.6
Philosophy, Religion & Theology	6	0	24.3	0	0	.	6	0	24.3
Sciences (Biological & Physical)	107	5	24.1	0	0	.	107	6	24.1
Social Sciences	103	5	23.4	1	4	18.0	98	6	23.6
Trade & Industrial	10	0	20.1	2	9	13.5	8	0	21.8
Visual & Performing Arts	93	4	21.5	3	13	17.3	89	5	21.6
Undecided	177	8	22.8	1	4	16.0	168	9	22.8
No Response	746	33	22.3	3	13	16.7	335	19	22.3

<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	7	16.4	0	.	0	.	1	19.0	0	.	4	15.8	2	16.5
2-yr College Degree	16	17.3	0	.	0	.	0	.	1	16.0	9	16.8	6	18.3
Bachelors Degree	623	19.8	13	18.4	1	22.0	90	21.2	10	18.4	369	19.7	140	19.6
Graduate Study	523	23.1	2	18.0	3	21.0	85	23.7	8	22.1	303	23.0	122	23.2
Prof. Level Degree	633	23.1	15	19.3	2	27.0	80	23.9	11	21.6	387	23.0	138	23.3
Other	43	18.4	0	.	0	.	7	20.1	1	14.0	25	17.9	10	18.9
No Response	415	22.5	2	21.0	0	.	70	22.5	4	18.5	173	22.5	166	22.5

**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 HAWAII AT MANOA	Hawaii	765	346	419	1	9	32	34	16	7	0
HAWAII PACIFIC UNIVERSITY	Hawaii	293	65	228	3	17	40	28	10	3	0
UNIVERSITY OF WASHINGTON	Washington	146	34	112	1	4	16	34	32	14	1
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	139	32	107	1	12	45	34	7	2	0
UNIVERSITY OF HAWAII AT HILO	Hawaii	131	32	99	0	15	40	35	6	4	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	129	62	67	3	10	32	29	18	9	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	123	34	89	0	7	10	24	28	28	3
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	104	28	76	3	15	44	29	6	3	0
BRIGHAM YOUNG UNIVERSITY	Utah	102	53	49	0	7	20	31	29	13	0
OREGON STATE UNIVERSITY	Oregon	97	14	83	1	6	33	35	18	7	0
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	95	13	82	4	26	42	24	3	0	0
UNIVERSITY OF OREGON	Oregon	85	19	66	1	1	29	35	22	9	1
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	82	18	64	0	4	17	22	32	26	0
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	78	8	70	4	27	38	22	8	1	0
PACIFIC UNIVERSITY	Oregon	76	21	55	1	5	28	45	17	4	0
UNIVERSITY OF SAN FRANCISCO	California	75	15	60	0	3	28	43	21	4	1
UNIVERSITY OF PORTLAND	Oregon	74	10	64	0	3	39	35	19	4	0
SEATTLE UNIVERSITY	Washington	67	11	56	1	4	42	36	15	1	0
STANFORD UNIVERSITY	California	64	25	39	2	2	8	11	28	41	9
UNIVERSITY OF SAN DIEGO	California	62	13	49	0	2	21	34	32	11	0
LOYOLA MARYMOUNT UNIVERSITY	California	61	23	38	0	2	15	33	38	13	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	57	29	28	0	18	32	30	14	5	2
UNIVERSITY OF CALIFORNIA-BERKELEY	California	57	13	44	0	0	12	19	46	21	2
UNIVERSITY OF THE PACIFIC	California	57	17	40	0	2	21	35	35	7	0
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	56	8	48	4	32	41	18	4	2	0
WASHINGTON STATE UNIVERSITY	Washington	51	7	44	0	6	25	41	18	10	0
SANTA CLARA UNIVERSITY	California	46	11	35	0	0	9	30	41	15	4
CREIGHTON UNIVERSITY	Nebraska	42	14	28	0	2	17	33	29	19	0
NEW YORK UNIVERSITY	New York	42	7	35	2	2	14	21	24	29	7
SAN DIEGO STATE UNIVERSITY	California	42	13	29	0	12	36	36	14	2	0
All Other Institutions		2,308	533	1,775	1	6	25	29	22	15	2
<b>Total</b>		<b>5,606</b>	<b>1,528</b>	<b>4,078</b>	<b>1</b>	<b>8</b>	<b>28</b>	<b>30</b>	<b>20</b>	<b>11</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>1,308</b>	<b>430,404</b>	<b>21.6</b>	<b>22.4</b>	<b>7.9</b>	<b>7.7</b>	<b>21.6</b>	<b>22.0</b>
African Am./Black	19	38,583	18.4	17.5	7.7	6.8	19.1	17.6
Am. Indian/Alaskan Native	3	2,803	19.0	19.8	7.7	7.1	19.7	19.6
Caucasian Am./White	200	269,428	22.6	23.4	8.1	7.8	22.5	22.8
Hispanic	19	33,207	20.1	18.9	7.3	7.4	19.9	19.1
Asian Am./Pacific Islander	731	21,275	21.4	23.0	7.8	8.0	21.4	22.8
Other/No Response	336	65,108	21.7	22.8	8.0	7.9	21.7	22.5
Males	427	170,904	20.8	22.1	7.6	7.4	20.8	21.5
Females	791	240,056	22.0	22.6	8.0	7.9	22.0	22.3
Missing	90	19,444	21.4	22.1	7.9	7.8	21.5	21.9



