

ACT High School Profile Report

The Graduating Class of 2007
Hawaii



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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

How to Improve Scores and Increase College Readiness

30% 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. 2,589 ACT-tested graduates are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY. Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 51% 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 10% of the cohort took less than three years of math courses. Of these students, 43% were college ready. 15% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 19% of these students were college ready. In comparison, 69% 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 11% of the cohort took less than three years of natural science courses. 27% of these students were college ready. In comparison, 36% 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 32% 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.

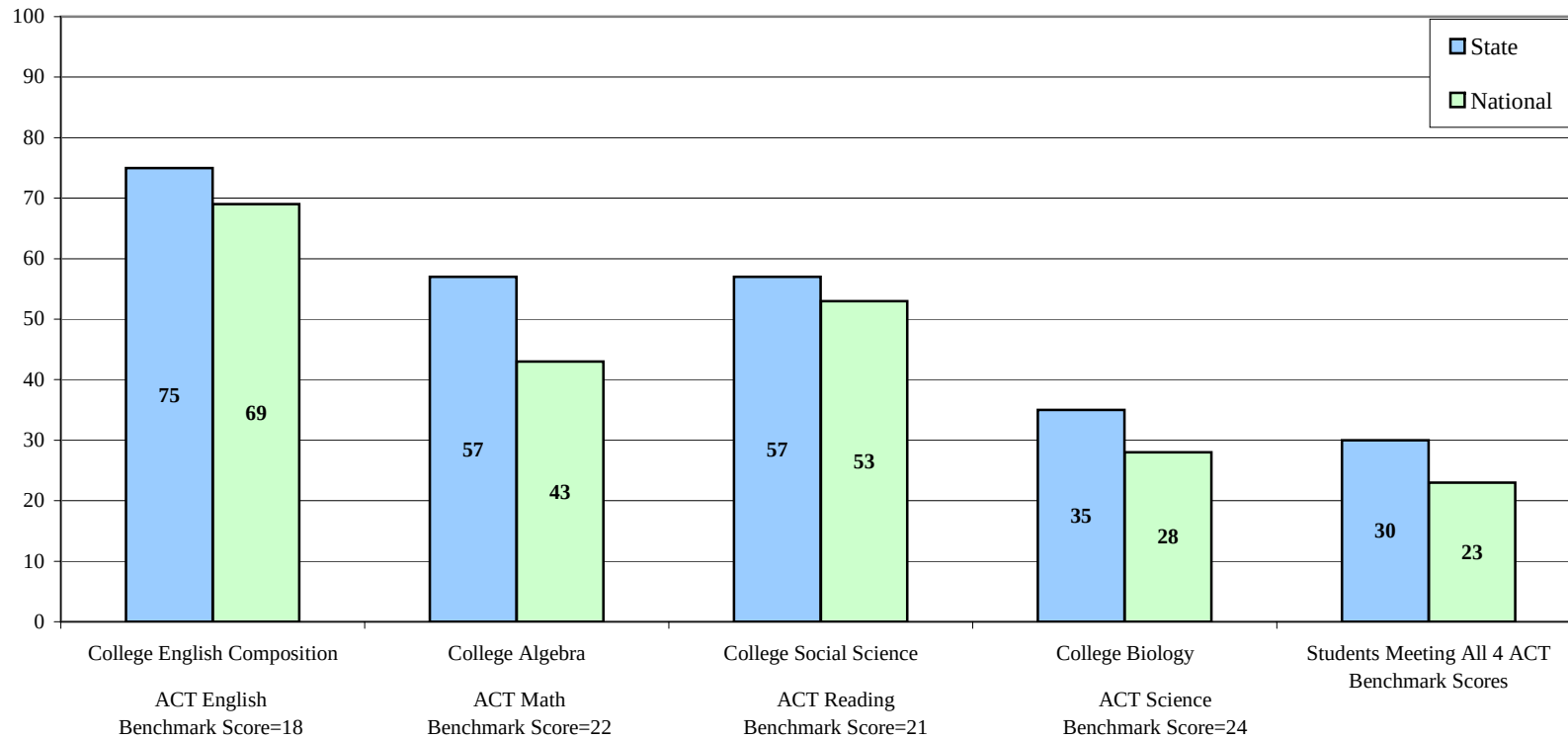
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	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
2006	2,260	1,206,455	73	69	55	42	56	53	31	27	26	21
2007	2,589	1,300,599	75	69	57	43	57	53	35	28	30	23

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	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
2006	2,260	1,206,455	21.2	20.6	22.7	20.8	21.9	21.4	21.5	20.9	21.9	21.1
2007	2,589	1,300,599	21.6	20.7	22.9	21.0	22.2	21.5	21.9	21.0	22.3	21.2

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
2007	1,300,599	20.7	21.0	21.5	21.0	21.2

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

Grad Year	Number of Students Tested		Percent ¹		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	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
2006	1,249	698	55	31	21.5	20.6	22.8	22.5	22.3	21.3	21.5	21.4	22.1	21.6
2007	1,319	837	51	32	21.7	21.4	23.1	22.6	22.2	22.1	22.1	21.6	22.4	22.0

¹Percent 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
All Students	2,194	100	21.8	2,266	100	21.7	2,109	100	21.9	2,260	100	21.9	2,589	100	22.3
African American/Black	42	2	18.6	43	2	18.2	31	1	19.7	32	1	18.9	36	1	18.3
American Indian/Alaska Native	10	0	18.8	9	0	19.4	7	0	19.7	6	0	23.2	11	0	20.8
Caucasian American/White	329	15	22.6	315	14	22.9	303	14	23.0	333	15	22.7	307	12	23.6
Hispanic	36	2	20.4	45	2	20.4	39	2	21.9	35	2	20.1	50	2	20.3
Asian American/Pacific Islander	1,307	60	21.9	1,389	61	21.8	1,214	58	21.8	1,270	56	21.8	1,334	52	22.1
Other/No Response	470	21	21.6	465	21	21.4	515	24	21.7	584	26	22.0	851	33	22.4

Section II

Academic Achievement

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages for All Students

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
36	7	100	18	100	20	100	7	100	0	100	36
35	38	100	26	99	32	99	19	100	10	100	35
34	42	98	50	98	51	98	10	99	16	100	34
33	32	97	49	96	55	96	38	99	33	99	33
32	39	95	53	94	67	94	27	97	44	98	32
31	47	94	76	92	84	91	29	96	58	96	31
30	49	92	59	89	80	88	52	95	92	94	30
29	76	90	111	87	84	85	41	93	90	90	29
28	100	87	86	83	95	82	76	91	87	87	28
27	89	83	150	80	86	78	90	88	102	83	27
26	122	80	164	74	117	75	144	85	127	79	26
25	170	75	172	67	116	70	151	79	172	75	25
24	144	69	174	61	148	66	228	74	194	68	24
23	128	63	137	54	195	60	194	65	194	60	23
22	197	58	146	49	120	52	260	57	190	53	22
21	174	51	151	43	131	48	216	47	171	46	21
20	201	44	146	37	193	43	242	39	200	39	20
19	174	36	151	32	135	35	183	30	173	31	19
18	112	29	139	26	123	30	187	22	179	25	18
17	106	25	150	21	120	25	111	15	113	18	17
16	152	21	196	15	134	21	65	11	116	13	16
15	102	15	103	7	109	16	66	8	93	9	15
14	81	11	60	3	94	11	45	6	60	5	14
13	59	8	14	1	90	8	31	4	43	3	13
12	46	6	6	1	56	4	25	3	22	1	12
11	33	4	2	1	35	2	26	2	7	1	11
10	29	3	0	1	9	1	15	1	3	1	10
9	18	2	0	1	5	1	4	1	0	1	9
8	16	1	0	1	2	1	4	1	0	1	8
7	4	1	0	1	2	1	2	1	0	1	7
6	2	1	0	1	1	1	0	1	0	1	6
5	0	1	0	1	0	1	1	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
Avg (SD)	21.6 (5.9)		22.9 (5.5)		22.2 (6.2)		21.9 (4.8)		22.3 (5.0)		Avg (SD)

¹Note: 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 (CP¹), 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 ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	84	100	25	100	58	100	105	100	145	100	61	100	57	100	18
17	145	97	60	99	175	98	179	96	184	94	42	98	39	98	17
16	118	91	130	97	151	91	202	89	208	87	105	96	115	96	16
15	123	87	186	92	149	85	226	81	198	79	212	92	255	92	15
14	197	82	210	85	143	79	210	72	239	72	202	84	249	82	14
13	199	74	234	76	170	74	219	64	270	62	384	76	269	72	13
12	224	67	308	67	347	67	196	56	240	52	284	61	281	62	12
11	257	58	361	55	278	54	174	48	190	43	227	50	327	51	11
10	267	48	302	42	228	43	223	42	251	35	421	41	357	39	10
9	245	38	241	30	234	34	191	33	163	26	235	25	248	25	9
8	237	28	252	21	274	25	161	26	209	19	173	16	147	15	8
7	176	19	137	11	145	15	157	19	196	11	101	9	106	9	7
6	118	12	48	6	99	9	198	13	62	4	54	5	51	5	6
5	98	8	54	4	58	5	81	6	29	1	49	3	31	3	5
4	63	4	28	2	41	3	47	3	3	1	9	2	32	2	4
3	28	1	10	1	34	2	16	1	2	1	21	1	17	1	3
2	9	1	3	1	4	1	3	1	0	1	0	1	4	1	2
1	1	1	0	1	1	1	1	1	0	1	9	1	4	1	1
Avg (SD)	10.9 (3.7)		11.1 (3.0)		11.1 (3.6)		11.5 (3.9)		12.1 (3.5)		11.4 (3.1)		11.5 (3.1)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values for All Students

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	25	27	27	25	26
Q2 (50th Percentile)	21	23	22	22	22
Q1 (25th Percentile)	17	18	17	19	19

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	All Students	2,589	51	22.4	22.0
	African Am./Black	36	64	18.6	17.1
	Am. Indian/Alaska Native	11	64	23.3	14.5
	Caucasian Am./White	307	51	23.9	23.4
	Hispanic	50	44	20.7	19.8
	Asian Am./Pacific Islander	1,334	55	22.2	22.0
	Other/No Response	851	45	22.4	22.1
National	All Students	1,300,599	51	22.0	19.8
	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	All Students	21.6	22.9	22.2	21.9	22.3
	African Am./Black	17.7	18.2	18.1	18.4	18.3
	Am. Indian/Alaska Native	20.7	20.3	22.8	19.2	20.8
	Caucasian Am./White	23.4	23.1	24.5	22.8	23.6
	Hispanic	19.6	20.4	20.7	19.9	20.3
	Asian Am./Pacific Islander	21.4	23.1	21.7	21.9	22.1
	Other/No Response	21.7	22.9	22.5	22.0	22.4
National	All Students	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	119	5	143	6	158	6	74	3
	28 to 32	311	12	385	15	410	16	225	9
	24 to 27	525	20	660	25	467	18	613	24
	20 to 23	700	27	580	22	639	25	912	35
	16 to 19	544	21	636	25	512	20	546	21
	13 to 15	242	9	177	7	293	11	142	5
	01 to 12	148	6	8	0	110	4	77	3
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	903	35	21.1	23.7	21.9	22.4	22.4
	Females	1,398	54	22.0	22.3	22.4	21.7	22.2
	Missing	288	11	21.5	23.0	22.4	21.8	22.3
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	71	63	55	41	34
	Females	77	52	59	32	27
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

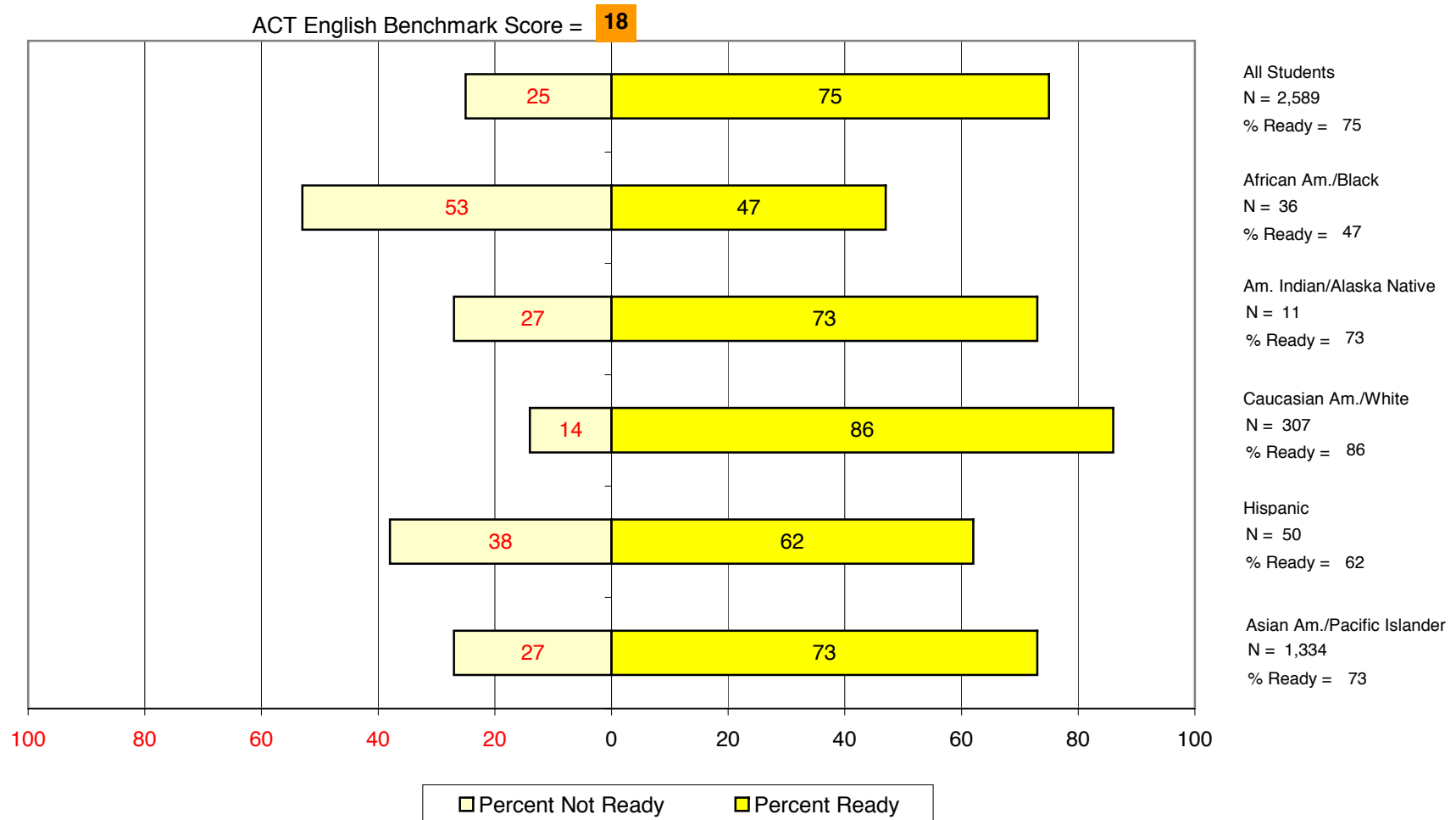


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

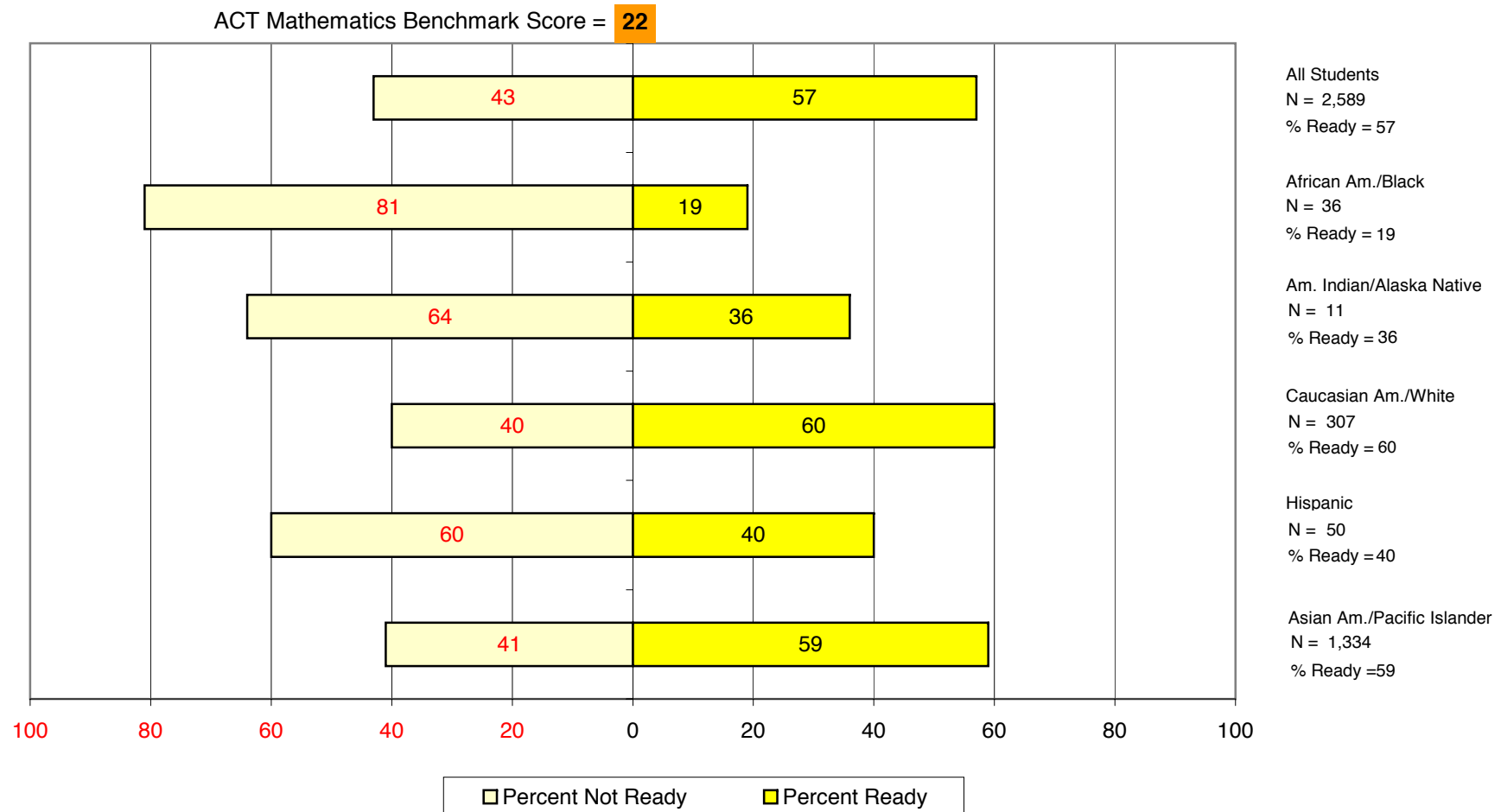


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

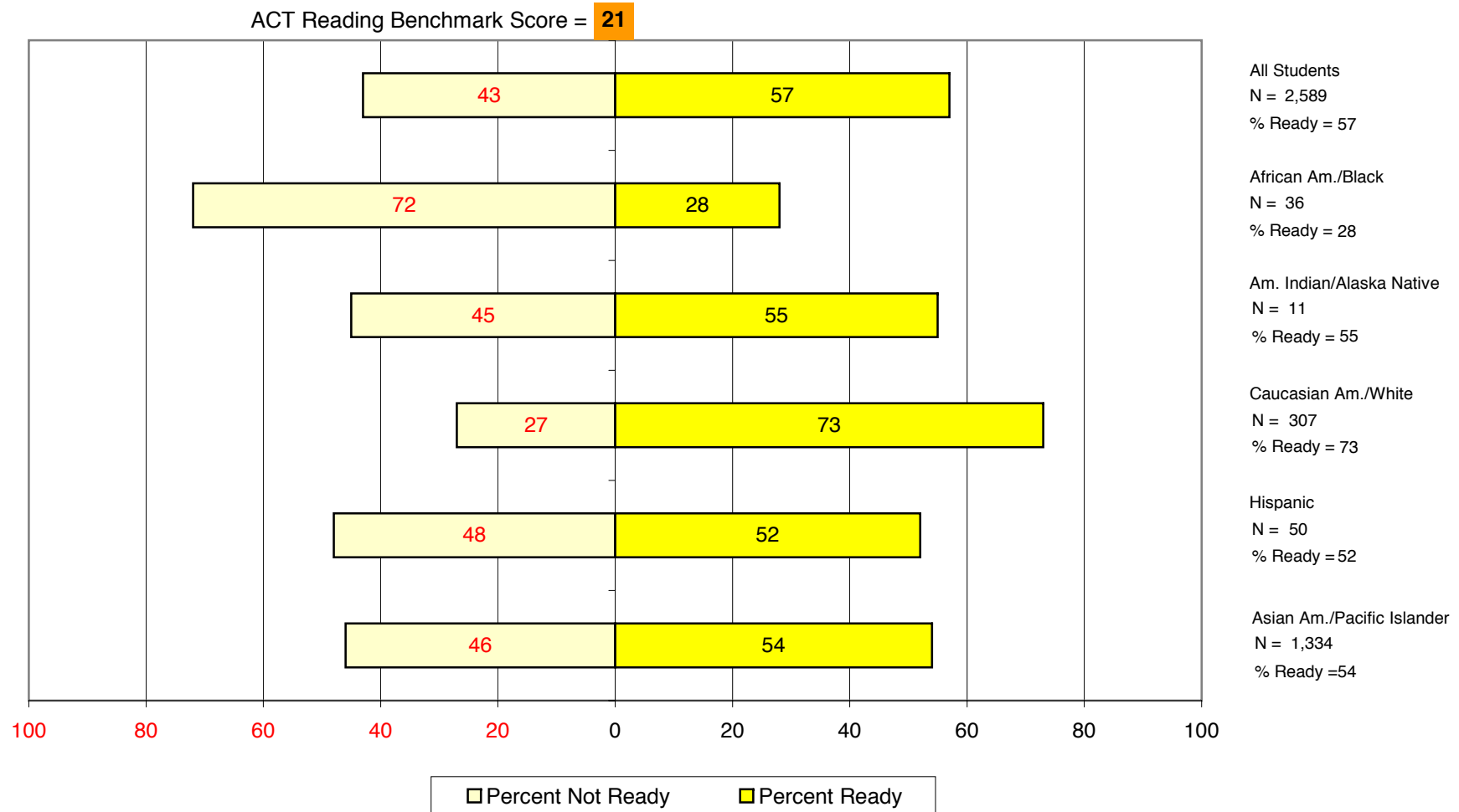


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

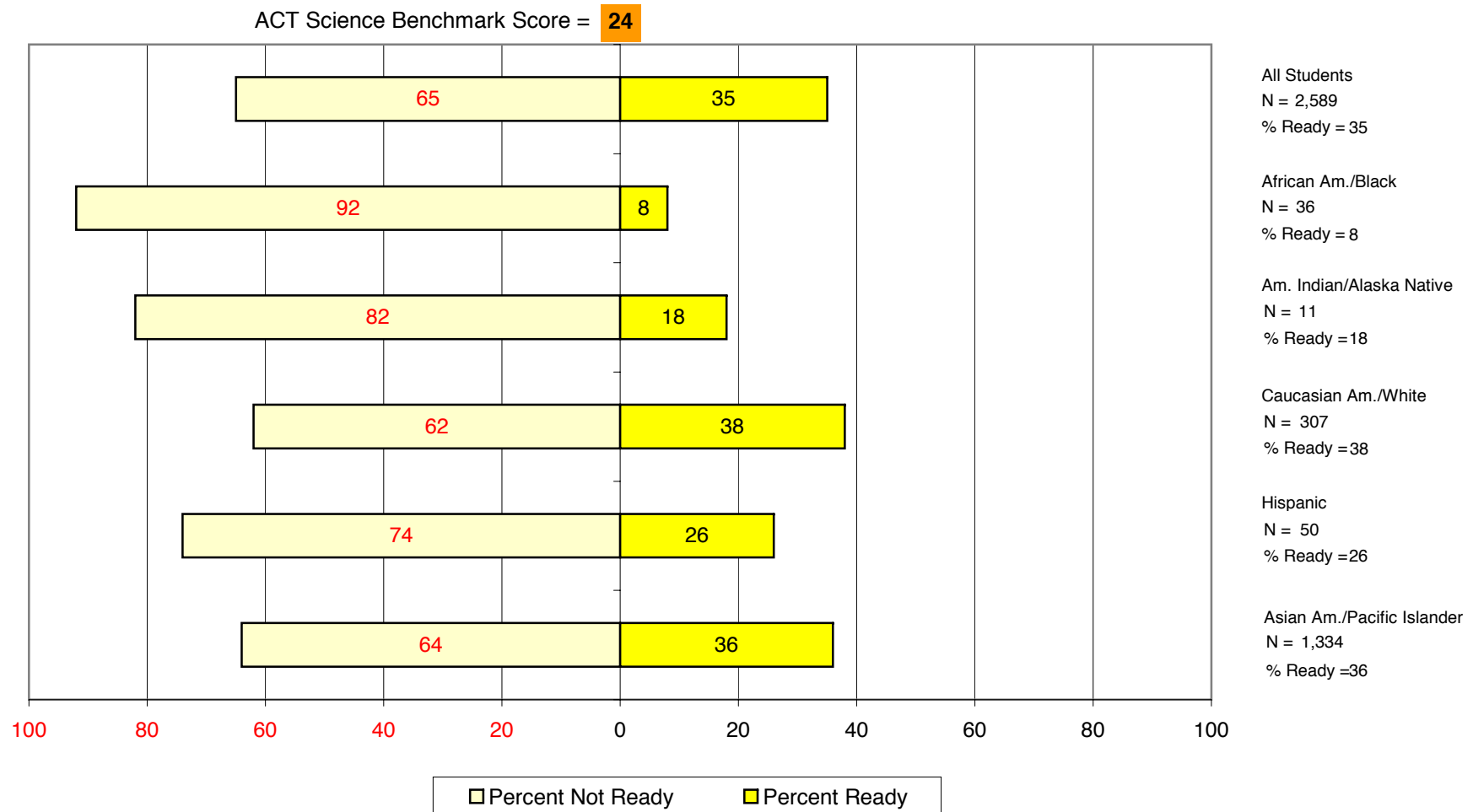


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

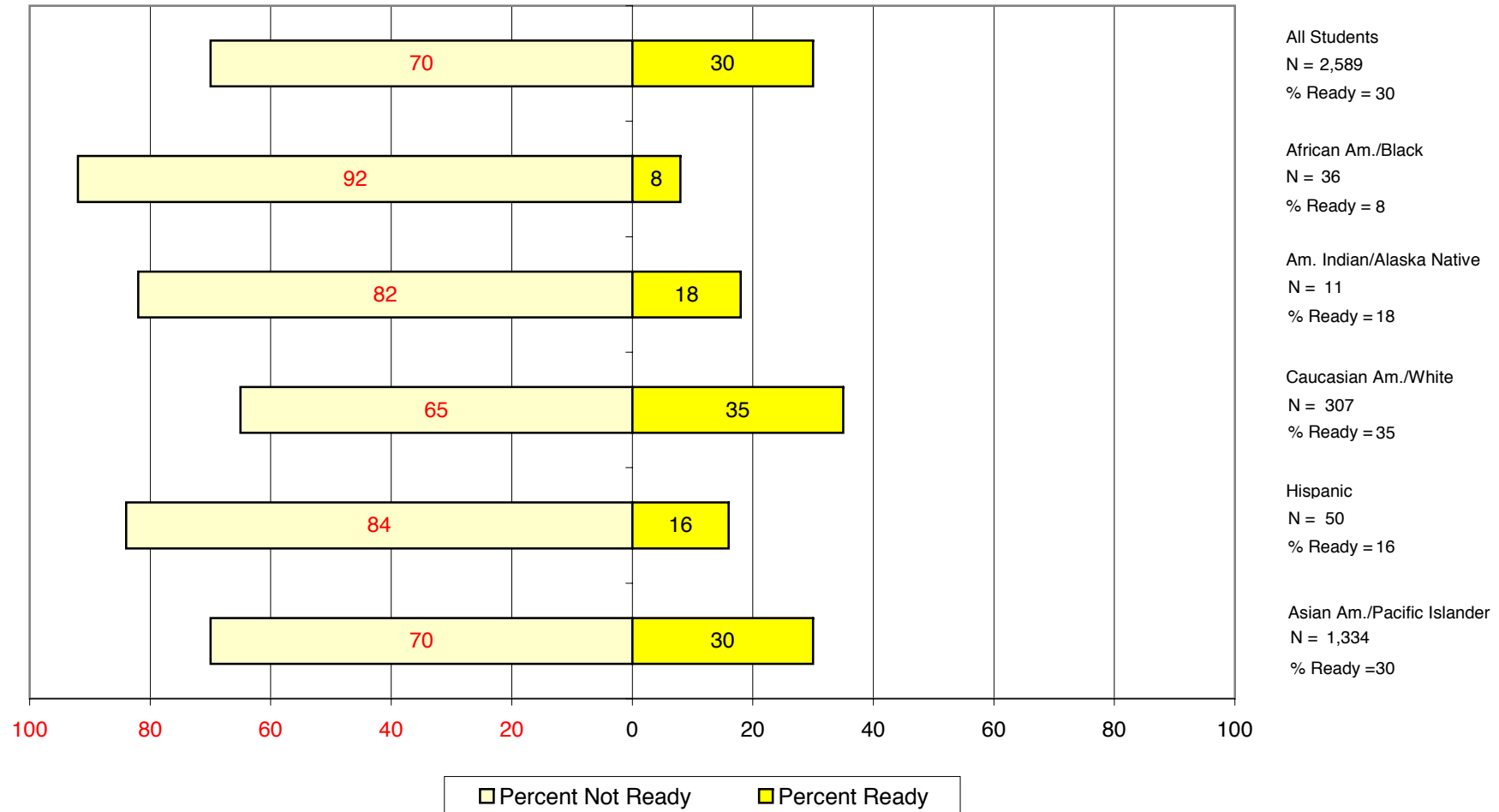


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	249	10	23.3	1.9	83	9	23.2	2.7	135	10	23.8	2.1
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,537	59	21.4	0.0	539	60	20.8	0.3	885	63	21.8	0.1
Less than 4 years of English	347	13	21.4	-	115	13	20.5	-	193	14	21.7	-
No English course/grade information reported	456	18	21.7	-	166	18	21.1	-	185	13	22.2	-
MATHEMATICS COURSE PATTERN												
	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹
Alg 1, Alg 2, Geom, Trig, & Calc	262	10	25.9	5.0	85	9	27.0	6.0	159	11	25.4	4.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	270	10	23.4	2.5	79	9	24.1	3.1	168	12	22.9	2.3
Alg 1, Alg 2, Geom, & Trig	310	12	21.6	0.7	106	12	22.8	1.8	176	13	20.8	0.2
Alg 1, Alg 2, Geom, & Other Adv Math	133	5	22.2	1.3	34	4	23.0	2.0	89	6	21.8	1.2
Other comb of 4 or more years of Math	426	16	27.1	6.2	185	20	27.7	6.7	205	15	26.8	6.2
Alg 1, Alg 2, & Geom (Min. Core)	385	15	18.6	-2.3	132	15	19.1	-1.9	213	15	18.2	-2.4
Other comb of 3 or 3.5 years of Math	66	3	22.5	1.6	23	3	24.0	3.0	38	3	21.4	0.8
Less than 3 years of Math	266	10	20.9	-	91	10	21.0	-	150	11	20.6	-
No Math course/grade information reported	471	18	22.9	-	168	19	23.2	-	200	14	22.4	-
SOCIAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹
US Hist, World Hist, Am Gov, & Other Hist	131	5	22.8	0.3	45	5	21.6	-0.5	77	6	23.4	0.6
Other comb of 4 or more years Social Science	615	24	21.9	-0.6	219	24	21.6	-0.5	345	25	22.2	-0.6
US Hist, World Hist, & Am Gov (Min. Core)	40	2	22.0	-0.5	7	1	20.3	-1.8	31	2	22.8	0.0
Other comb of 3 or 3.5 years of Social Science	744	29	21.9	-0.6	262	29	22.0	-0.1	416	30	21.8	-1.0
Less than 3 years of Social Science	566	22	22.5	-	193	21	22.1	-	317	23	22.8	-
No Soc Sci course/grade information reported	493	19	22.4	-	177	20	22.1	-	212	15	22.5	-
NATURAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹
Gen Sci ² , Bio, Chem, & Phys	906	35	22.7	2.1	341	38	23.4	2.7	485	35	22.4	1.9
Bio, Chem, Phys	389	15	23.1	2.5	147	16	23.7	3.0	210	15	22.6	2.1
Gen Sci ² , Bio, Chem (Min. Core)	451	17	20.2	-0.4	123	14	19.9	-0.8	295	21	20.3	-0.2
Other comb of 3 years of Natural Science	43	2	21.5	0.9	19	2	21.4	0.7	20	1	21.7	1.2
Less than 3 years of Natural Science	283	11	20.6	-	94	10	20.7	-	157	11	20.5	-
No Nat Sci course/grade information reported	517	20	21.9	-	179	20	21.9	-	231	17	21.8	-

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes 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
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	249	10	23.3	86	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,537	59	21.4	73	766,001	59	20.5	68
Less than 4 years of English	347	13	21.4	78	141,777	11	19.7	64
No English course/grade information reported	456	18	21.7	75	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	262	10	25.9	81	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	270	10	23.4	65	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	310	12	21.6	48	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	133	5	22.2	58	163,562	13	20.4	38
Other comb of 4 or more years of Math	426	16	27.1	84	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	385	15	18.6	19	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	66	3	22.5	59	57,945	4	20.9	43
Less than 3 years of Math	266	10	20.9	43	145,617	11	18.3	21
No Math course/grade information reported	471	18	22.9	58	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	131	5	22.8	59	31,985	2	22.7	61
Other comb of 4 or more years Social Science	615	24	21.9	57	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	40	2	22.0	55	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	744	29	21.9	55	333,689	26	21.4	52
Less than 3 years of Social Science	566	22	22.5	60	201,605	16	20.6	47
No Soc Sci course/grade information reported	493	19	22.4	57	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	906	35	22.7	42	333,648	26	22.4	40
Bio, Chem, Phys	389	15	23.1	44	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	451	17	20.2	20	353,348	27	20.2	20
Other comb of 3 years of Natural Science	43	2	21.5	26	32,593	3	20.4	24
Less than 3 years of Natural Science	283	11	20.6	27	247,312	19	19.1	15
No Nat Sci course/grade information reported	517	20	21.9	36	218,401	17	20.9	29

¹Includes 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 ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	8	0	20.0	0	0	.	8	0	20.0
Architecture & Environmental Design	33	1	20.8	1	3	23.0	31	2	20.5
Business & Management	162	6	21.0	4	11	16.3	151	8	21.3
Business & Office	8	0	17.5	0	0	.	6	0	18.5
Marketing & Distribution	15	1	20.3	0	0	.	13	1	20.3
Communications & Comm. Technologies	41	2	21.8	0	0	.	40	2	22.0
Community & Personal Services	20	1	18.3	2	5	15.5	18	1	18.6
Computer & Information Sciences	39	2	21.8	1	3	16.0	35	2	22.1
Cross-Disciplinary Studies	2	0	28.0	0	0	.	2	0	28.0
Education	48	2	20.8	0	0	.	45	2	20.9
Teacher Education	27	1	20.9	0	0	.	27	1	20.9
Engineering	92	4	24.4	1	3	19.0	87	5	24.6
Engineering-Related Technologies	75	3	23.3	6	16	17.2	67	4	23.9
Foreign Languages	13	1	23.4	1	3	27.0	12	1	23.1
Health Sciences & Allied Health Fields	374	14	21.2	6	16	16.2	357	19	21.3
Human, Family & Consumer Science	24	1	19.0	2	5	17.5	21	1	19.0
Letters	8	0	23.5	0	0	.	8	0	23.5
Mathematics	7	0	23.1	0	0	.	7	0	23.1
Philosophy, Religion & Theology	8	0	25.5	0	0	.	7	0	24.9
Sciences (Biological & Physical)	122	5	24.1	0	0	.	119	6	24.0
Social Sciences	106	4	23.2	0	0	.	100	5	23.4
Trade & Industrial	7	0	17.3	2	5	11.5	4	0	20.8
Visual & Performing Arts	75	3	22.3	3	8	17.0	67	4	22.9
Undecided	371	14	21.7	7	18	17.0	335	18	21.9
No Response	904	35	23.0	2	5	18.0	321	17	23.4

¹2-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*.

²Percent 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	7	18.7	0	.	0	.	0	.	0	.	3	17.0	4	20.0
2-yr College Degree	31	16.6	2	14.5	0	.	3	16.0	2	15.5	16	15.4	8	20.0
Bachelors Degree	681	20.1	11	16.1	2	22.5	96	22.1	11	20.1	355	19.9	206	19.8
Graduate Study	528	23.4	8	22.5	1	14.0	60	24.9	6	21.7	288	23.2	165	23.4
Prof. Level Degree	679	23.7	11	18.6	5	22.8	74	25.3	17	21.6	394	23.6	178	23.9
Other	49	18.1	2	15.0	0	.	3	18.7	0	.	33	17.5	11	20.3
No Response	614	22.8	2	18.5	3	18.7	71	23.4	14	18.9	245	22.9	279	22.8

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	819	398	421	1	9	31	33	17	8	1
HAWAII PACIFIC UNIVERSITY	Hawaii	278	55	223	4	15	42	29	8	3	0
UNIVERSITY OF HAWAII AT HILO	Hawaii	176	49	127	5	19	39	26	10	2	0
UNIVERSITY OF WASHINGTON	Washington	162	37	125	0	1	18	30	30	18	3
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	143	27	116	2	18	43	31	5	1	0
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	137	42	95	1	18	39	34	7	1	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	133	36	97	1	2	6	17	39	29	7
OREGON STATE UNIVERSITY	Oregon	128	30	98	0	9	29	34	27	2	0
BRIGHAM YOUNG UNIVERSITY	Utah	110	64	46	1	5	24	41	23	7	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	110	50	60	2	11	30	37	15	5	0
STANFORD UNIVERSITY	California	96	34	62	0	0	6	16	22	40	17
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	85	6	79	2	22	54	19	2	0	0
UNIVERSITY OF SAN FRANCISCO	California	85	20	65	0	7	20	39	21	9	4
LOYOLA MARYMOUNT UNIVERSITY	California	80	20	60	1	5	9	35	31	16	3
WASHINGTON STATE UNIVERSITY	Washington	80	12	68	0	4	29	31	34	3	0
UNIVERSITY OF OREGON	Oregon	79	10	69	0	5	20	37	35	3	0
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	78	12	66	4	23	42	27	4	0	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	76	15	61	0	4	12	18	32	28	7
SEATTLE UNIVERSITY	Washington	75	12	63	0	4	19	41	28	8	0
UNIVERSITY OF THE PACIFIC	California	75	20	55	0	1	12	31	44	11	1
UNIVERSITY OF PORTLAND	Oregon	72	11	61	0	6	19	31	36	8	0
PACIFIC UNIVERSITY	Oregon	70	13	57	1	7	14	44	29	3	1
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	65	27	38	3	26	25	22	17	8	0
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	65	13	52	8	31	42	18	2	0	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	58	16	42	0	5	0	24	26	34	10
SAN DIEGO STATE UNIVERSITY	California	55	14	41	4	15	25	40	13	4	0
UNIVERSITY OF SAN DIEGO	California	53	9	44	2	2	19	40	19	17	2
UNIV OF COLORADO-BOULDER	Colorado	46	8	38	0	2	20	28	41	9	0
SANTA CLARA UNIVERSITY	California	45	11	34	0	2	4	27	40	24	2
CHAPMAN UNIVERSITY	California	41	17	24	0	5	10	49	17	20	0
All Other Institutions		2,636	600	2,036	1	7	20	31	23	15	3
Total		6,211	1,688	4,523	1	9	24	31	21	12	2

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	State	National
All Students	1,931	532,943	22.4	22.3	7.9	7.6	22.2	21.8
African Am./Black	19	50,340	19.1	17.2	7.0	6.7	18.9	17.3
Am. Indian/Alaska Native	6	3,462	19.8	19.8	7.2	7.0	19.8	19.4
Caucasian Am./White	219	308,578	24.0	23.4	8.1	7.6	23.6	22.6
Hispanic	35	42,588	19.8	18.8	7.4	7.3	19.8	19.0
Asian Am./Pacific Islander	999	25,616	22.1	23.2	7.9	8.0	22.0	22.8
Other/No Response	653	102,359	22.4	23.2	7.9	7.8	22.2	22.7
Males	640	204,427	22.0	22.0	7.7	7.3	21.7	21.3
Females	1,071	285,556	22.6	22.5	8.0	7.7	22.5	22.1
Missing	220	42,960	22.3	23.0	8.0	7.8	22.2	22.6

