

ACT High School Profile Report

The Graduating Class of 2008
Hawaii



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This report provides information about the performance of your 2008 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2008 and tested under standard time conditions.

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

26% of 2008 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. 3,182 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. 62% 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 6% of the cohort took less than three years of math courses. Of these students, 29% were college ready. 16% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 15% of these students were college ready. In comparison, 63% 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 7% of the cohort took less than three years of natural science courses. 27% of these students were college ready. In comparison, 31% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES. Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 38% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

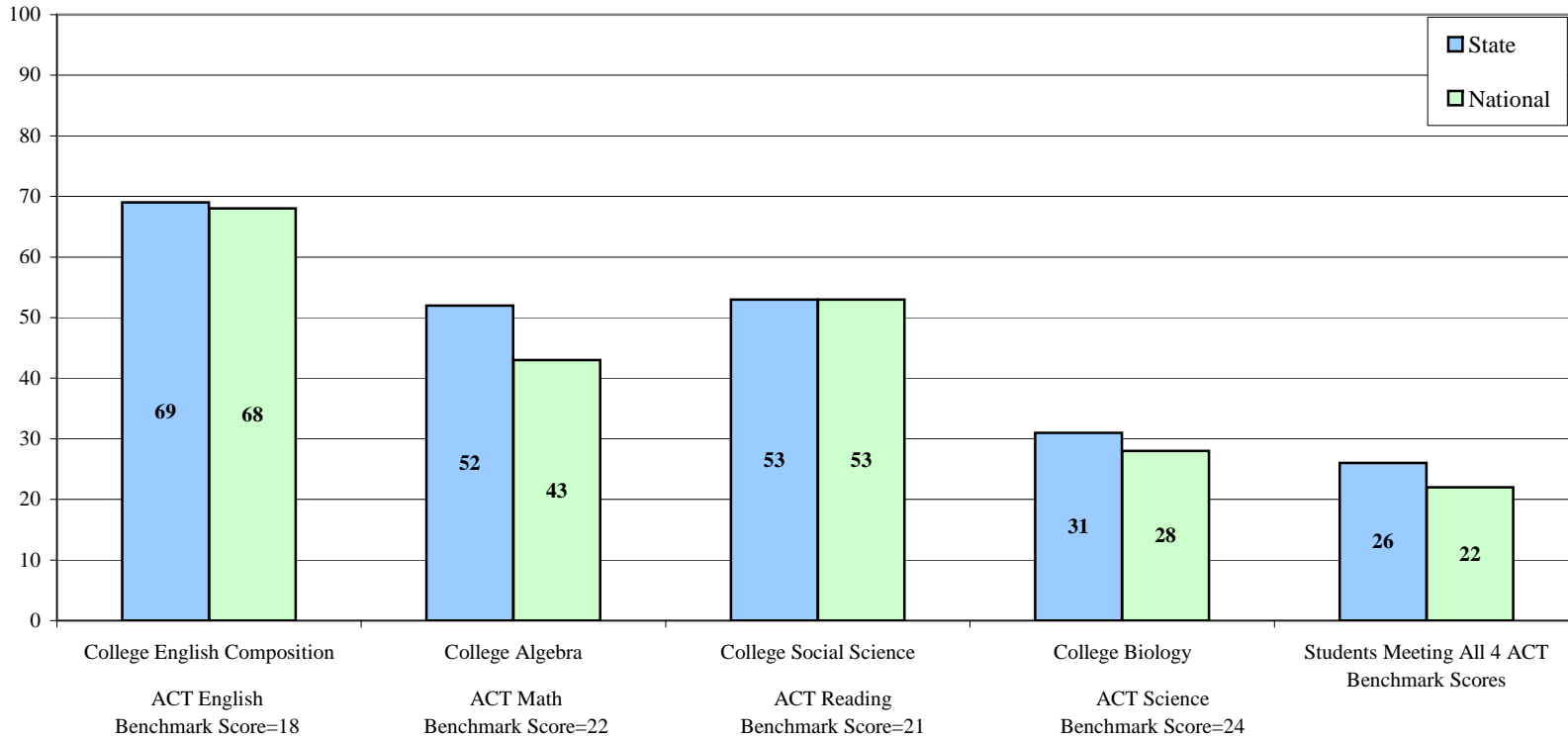
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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
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
2008	3,182	1,421,941	69	68	52	43	53	53	31	28	26	22

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
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
2008	3,182	1,421,941	20.8	20.6	22.3	21.0	21.6	21.4	21.2	20.8	21.6	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2008	1,421,941	20.6	21.0	21.4	20.8	21.1

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

Grad Year	Number of Students Tested		Percent ¹		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
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
2008	1,978	729	62	23	21.0	20.5	22.5	22.1	21.8	21.3	21.3	20.8	21.8	21.3

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

	2004			2005			2006			2007			2008		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	2,266	100	21.7	2,109	100	21.9	2,260	100	21.9	2,589	100	22.3	3,182	100	21.6
African American/Black	43	2	18.2	31	1	19.7	32	1	18.9	36	1	18.3	58	2	18.3
American Indian/Alaska Native	9	0	19.4	7	0	19.7	6	0	23.2	11	0	20.8	14	0	22.8
Caucasian American/White	315	14	22.9	303	14	23.0	333	15	22.7	307	12	23.6	408	13	22.6
Hispanic	45	2	20.4	39	2	21.9	35	2	20.1	50	2	20.3	66	2	20.6
Asian American/Pacific Islander	1,389	61	21.8	1,214	58	21.8	1,270	56	21.8	1,334	52	22.1	1,812	57	21.4
Other/No Response	465	21	21.4	515	24	21.7	584	26	22.0	851	33	22.4	824	26	22.0

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	5	100	24	100	32	100	6	100	1	100	36
35	40	100	36	99	34	99	16	100	10	100	35
34	42	99	46	98	32	98	23	99	20	100	34
33	41	97	73	97	63	97	35	99	40	99	33
32	37	96	51	94	58	95	21	97	51	98	32
31	67	95	49	93	81	93	35	97	57	96	31
30	67	93	92	91	121	91	60	96	68	94	30
29	84	91	86	88	108	87	65	94	98	92	29
28	80	88	168	86	123	83	74	92	105	89	28
27	87	85	153	80	105	80	92	89	121	86	27
26	121	83	172	76	120	76	123	87	155	82	26
25	162	79	187	70	130	72	229	83	190	77	25
24	187	74	219	64	154	68	223	76	220	71	24
23	176	68	173	57	210	64	195	69	216	64	23
22	196	62	134	52	130	57	294	62	229	58	22
21	243	56	174	48	181	53	215	53	207	50	21
20	226	49	139	42	221	47	317	46	209	44	20
19	177	42	173	38	203	40	268	36	205	37	19
18	156	36	221	32	140	34	218	28	210	31	18
17	163	31	223	26	176	29	152	21	204	24	17
16	156	26	285	19	186	24	141	16	188	18	16
15	187	21	186	10	153	18	98	12	124	12	15
14	117	15	76	4	145	13	81	9	115	8	14
13	96	11	26	1	94	9	56	6	77	4	13
12	78	8	11	1	90	6	60	5	40	2	12
11	65	6	3	1	38	3	42	3	12	1	11
10	35	4	1	1	34	2	28	1	4	1	10
9	42	3	1	1	9	1	10	1	5	1	9
8	27	2	0	1	1	1	1	1	1	1	8
7	15	1	0	1	6	1	2	1	0	1	7
6	5	1	0	1	2	1	2	1	0	1	6
5	1	1	0	1	1	1	0	1	0	1	5
4	1	1	0	1	1	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)	20.8 (6.1)		22.3 (5.6)		21.6 (6.2)		21.2 (5.0)		21.6 (5.2)		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	127	100	20	100	104	100	104	100	220	100	51	100	64	100	18
17	121	96	83	99	120	97	156	97	199	93	92	98	15	98	17
16	151	92	137	97	158	93	286	92	226	87	100	96	224	98	16
15	134	87	236	92	208	88	220	83	191	80	155	92	161	90	15
14	178	83	159	85	174	81	253	76	241	74	319	87	383	85	14
13	248	78	282	80	254	76	171	68	287	66	303	77	287	73	13
12	239	70	373	71	283	68	271	63	268	57	297	68	385	64	12
11	294	62	348	59	292	59	306	54	258	49	484	59	288	52	11
10	327	53	426	49	304	50	261	44	303	41	463	43	472	43	10
9	294	43	306	35	352	40	261	36	217	31	412	29	288	28	9
8	293	34	299	26	421	29	223	28	338	24	228	16	218	19	8
7	246	24	211	16	182	16	201	21	278	14	60	9	160	12	7
6	204	17	124	9	184	10	197	15	114	5	88	7	87	7	6
5	159	10	73	6	51	5	177	9	24	1	79	4	53	5	5
4	97	5	73	3	49	3	66	3	10	1	23	2	44	3	4
3	47	2	24	1	27	1	17	1	7	1	21	1	36	2	3
2	21	1	8	1	13	1	10	1	1	1	3	1	7	1	2
1	2	1	0	1	6	1	2	1	0	1	4	1	10	1	1
Avg (SD)	10.4 (3.8)		10.7 (3.2)		10.8 (3.5)		11.1 (3.9)		11.8 (3.6)		11.1 (3.0)		11.2 (3.2)		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	26	26	24	25
Q2 (50th Percentile)	21	22	21	21	21
Q1 (25th Percentile)	16	17	17	18	18

Table 2.4. Average ACT Composite Scores by Level of Preparation by Race/Ethnicity

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	3,182	62	21.8	21.3
	African Am./Black	58	66	18.3	18.1
	Am. Indian/Alaska Native	14	43	22.0	24.5
	Caucasian Am./White	408	67	22.9	22.4
	Hispanic	66	47	20.3	20.7
	Asian Am./Pacific Islander	1,812	66	21.4	21.1
	Other/No Response	824	52	22.5	21.6
National	All Students	1,421,941	61	22.0	19.5
	African Am./Black	178,417	58	17.7	16.0
	Am. Indian/Alaska Native	14,380	53	20.3	17.6
	Caucasian Am./White	895,588	64	22.9	20.4
	Hispanic	114,697	60	19.6	17.4
	Asian Am./Pacific Islander	51,368	71	23.4	21.4
	Other/No Response	167,491	52	22.5	20.1

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.8	22.3	21.6	21.2	21.6
	African Am./Black	17.2	18.8	18.8	18.2	18.3
	Am. Indian/Alaska Native	21.7	22.1	23.5	23.0	22.8
	Caucasian Am./White	22.5	22.2	23.4	22.0	22.6
	Hispanic	19.6	21.3	20.8	20.0	20.6
	Asian Am./Pacific Islander	20.5	22.3	21.1	21.1	21.4
	Other/No Response	21.1	22.7	22.1	21.4	22.0
National	All Students	20.6	21.0	21.4	20.8	21.1
	African Am./Black	16.1	17.0	17.0	17.2	16.9
	Am. Indian/Alaska Native	18.1	18.8	19.6	19.2	19.0
	Caucasian Am./White	21.7	21.8	22.5	21.7	22.1
	Hispanic	17.7	19.0	18.9	18.7	18.7
	Asian Am./Pacific Islander	22.1	24.1	22.4	22.3	22.9
	Other/No Response	21.2	21.7	22.1	21.2	21.7

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	128	4	179	6	161	5	80	3
	28 to 32	335	11	446	14	491	15	255	8
	24 to 27	557	18	731	23	509	16	667	21
	20 to 23	841	26	620	19	742	23	1,021	32
	16 to 19	652	20	902	28	705	22	779	24
	13 to 15	400	13	288	9	392	12	235	7
	01 to 12	269	8	16	1	182	6	145	5
National	33 to 36	52,735	4	40,359	3	63,798	4	26,499	2
	28 to 32	146,337	10	138,694	10	203,096	14	89,946	6
	24 to 27	237,950	17	283,854	20	231,039	16	281,932	20
	20 to 23	383,117	27	294,322	21	343,326	24	474,554	33
	16 to 19	293,110	21	466,291	33	312,300	22	359,785	25
	13 to 15	175,652	12	188,580	13	191,145	13	121,336	9
	01 to 12	133,040	9	9,841	1	77,237	5	67,889	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	1,221	38	20.2	22.8	21.3	21.6	21.6
	Females	1,841	58	21.1	21.9	21.7	20.8	21.5
	Missing	120	4	22.5	24.8	23.7	23.2	23.7
National	Males	625,887	44	20.1	21.6	21.2	21.3	21.2
	Females	764,282	54	21.0	20.4	21.5	20.4	21.0
	Missing	31,772	2	22.8	23.3	23.6	22.4	23.1

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	65	55	50	35	29
	Females	71	49	54	28	24
National	Males	65	47	51	32	26
	Females	70	38	53	24	19

Table 2.9. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Overall High School Curriculum

Student Group	Curriculum Taken ²	N	English		Mathematics		Reading		Science		Composite ¹	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core	1,978	71	21.0	53	22.5	53	21.8	31	21.3	26	21.8
	Non-Core	729	65	20.5	50	22.1	52	21.3	31	20.8	27	21.3
	Missing	475	67	20.3	51	22.2	52	21.3	34	21.4	29	21.4
National	Core	873,743	75	21.6	50	21.9	59	22.3	33	21.6	27	22.0
	Non-Core	431,748	56	18.8	29	19.3	41	19.9	18	19.4	14	19.5
	Missing	116,450	62	19.9	42	20.8	48	20.8	27	20.3	23	20.6

¹% under Composite heading reflects the percent of students who meet all four benchmarks

²"Curriculum Taken" reflects overall high school curriculum.

For instance, "Core" results correspond to students taking four years of English AND three years each of math, social studies, and natural science.

Table 2.10. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core	2,539	69	20.9	2,580	54	22.6	2,218	52	21.6	2,532	31	21.3
	Non-Core	234	69	20.6	165	30	19.6	527	56	22.0	201	26	19.8
	Missing	409	68	20.3	437	50	22.1	437	52	21.4	449	34	21.5
National	Core	1,216,115	70	20.8	1,192,135	46	21.4	1,137,832	54	21.6	1,063,049	32	21.4
	Non-Core	111,558	57	18.8	124,104	14	17.4	183,026	45	20.4	253,561	13	18.7
	Missing	94,268	64	20.2	105,702	42	20.8	101,083	50	21.1	105,331	28	20.5

¹"Curriculum Taken" reflects content-specific curriculum.

For instance, Reading "Core" results correspond to students taking three or more years each of social studies, regardless of courses taken in other content areas.

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

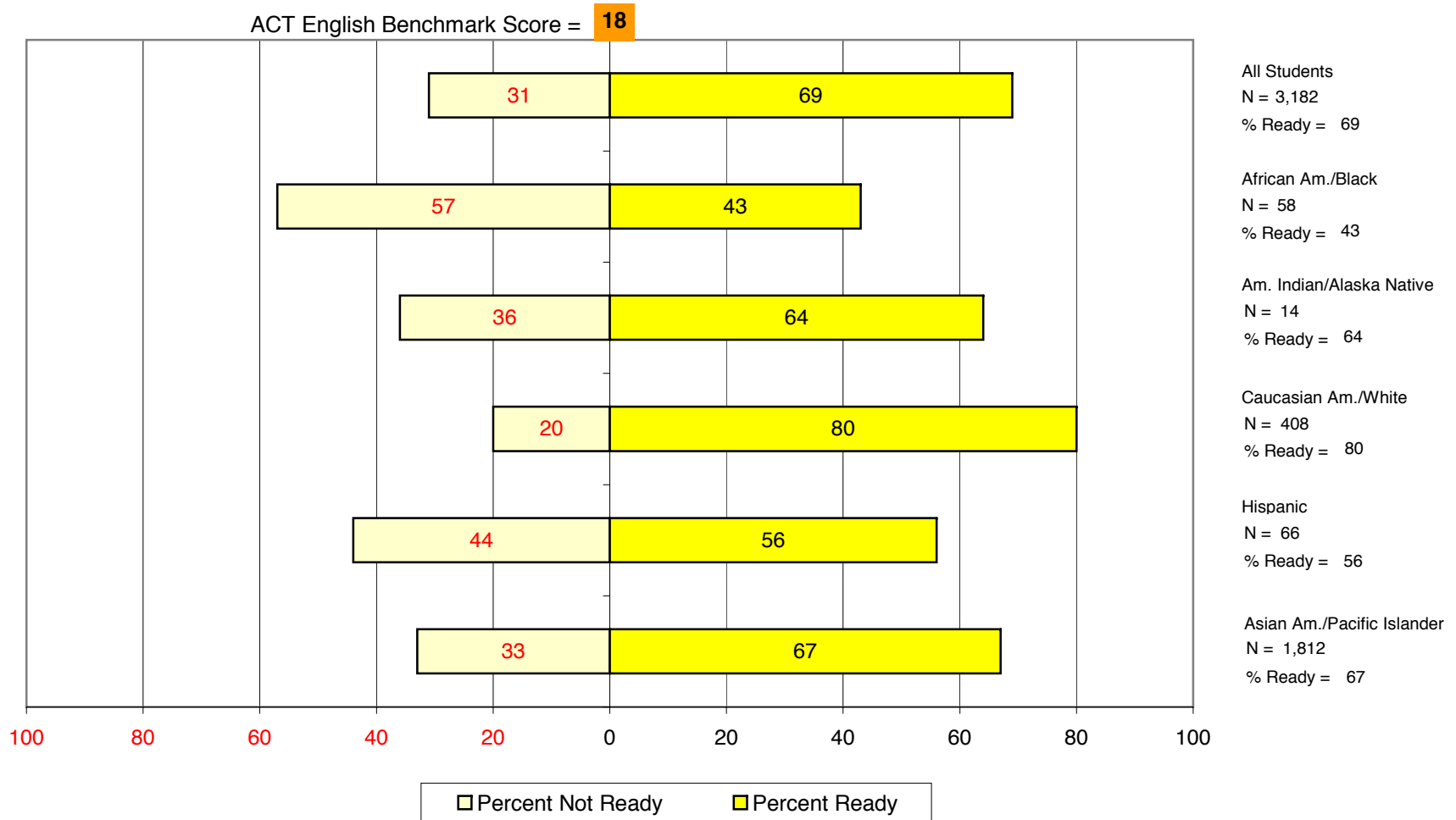


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

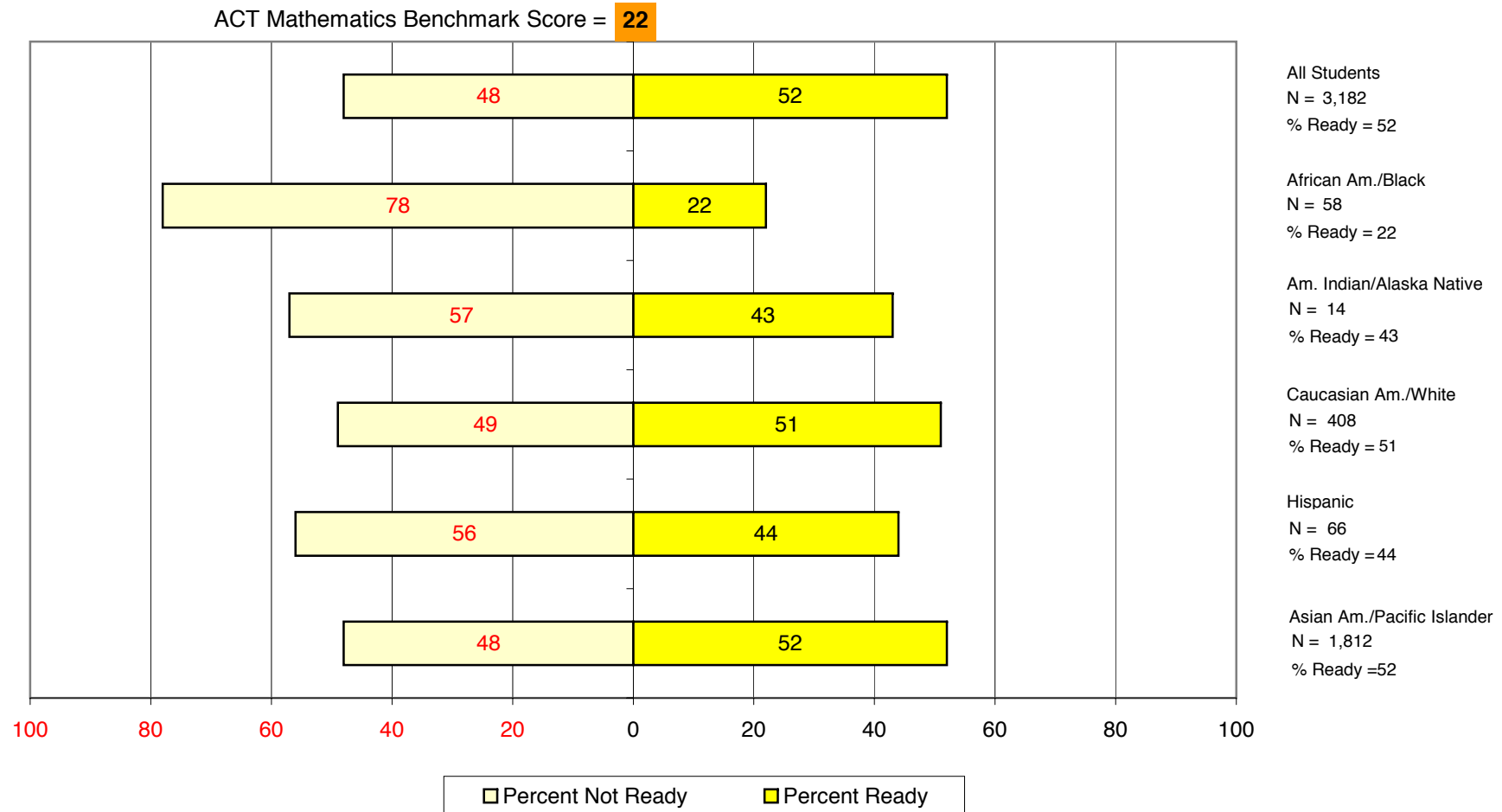


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

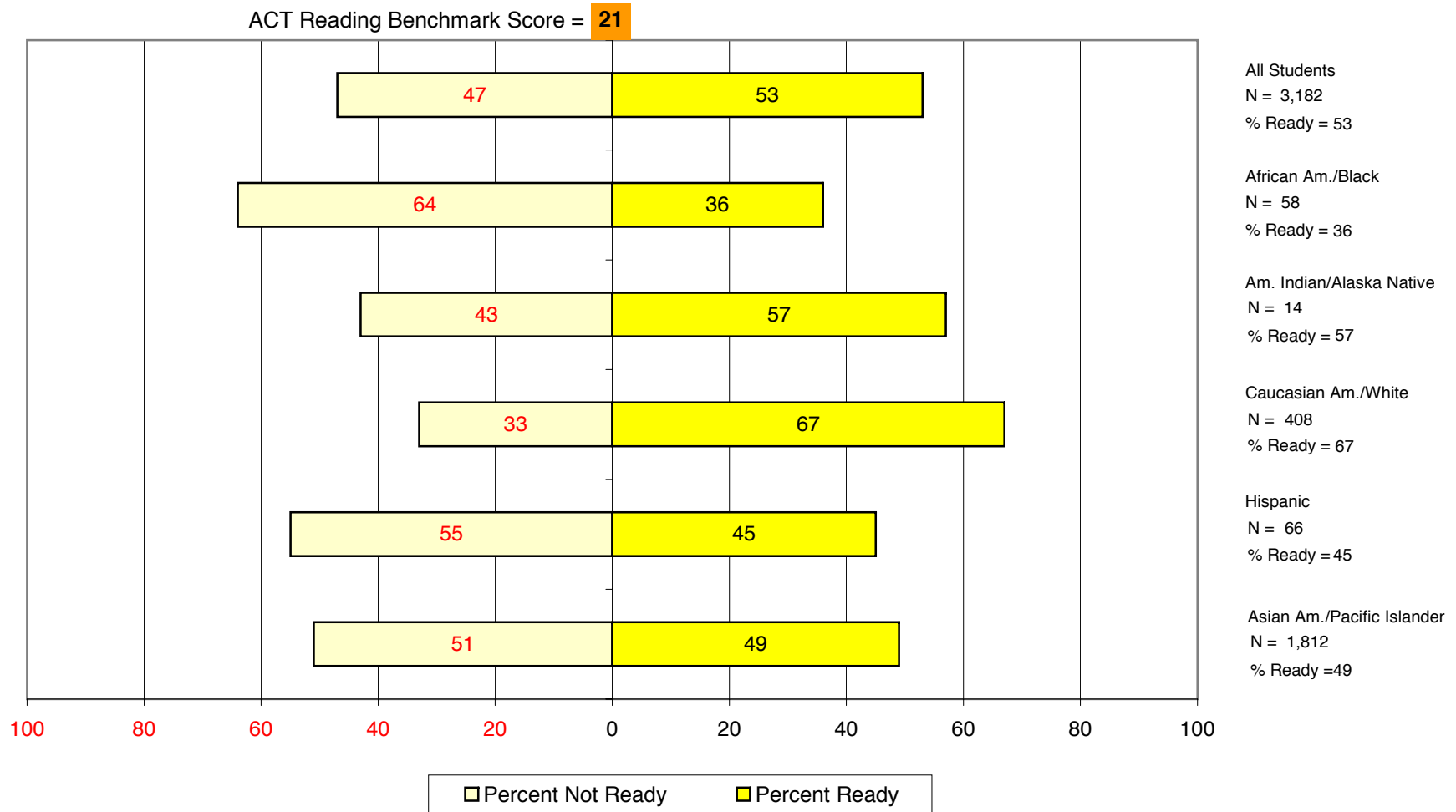


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

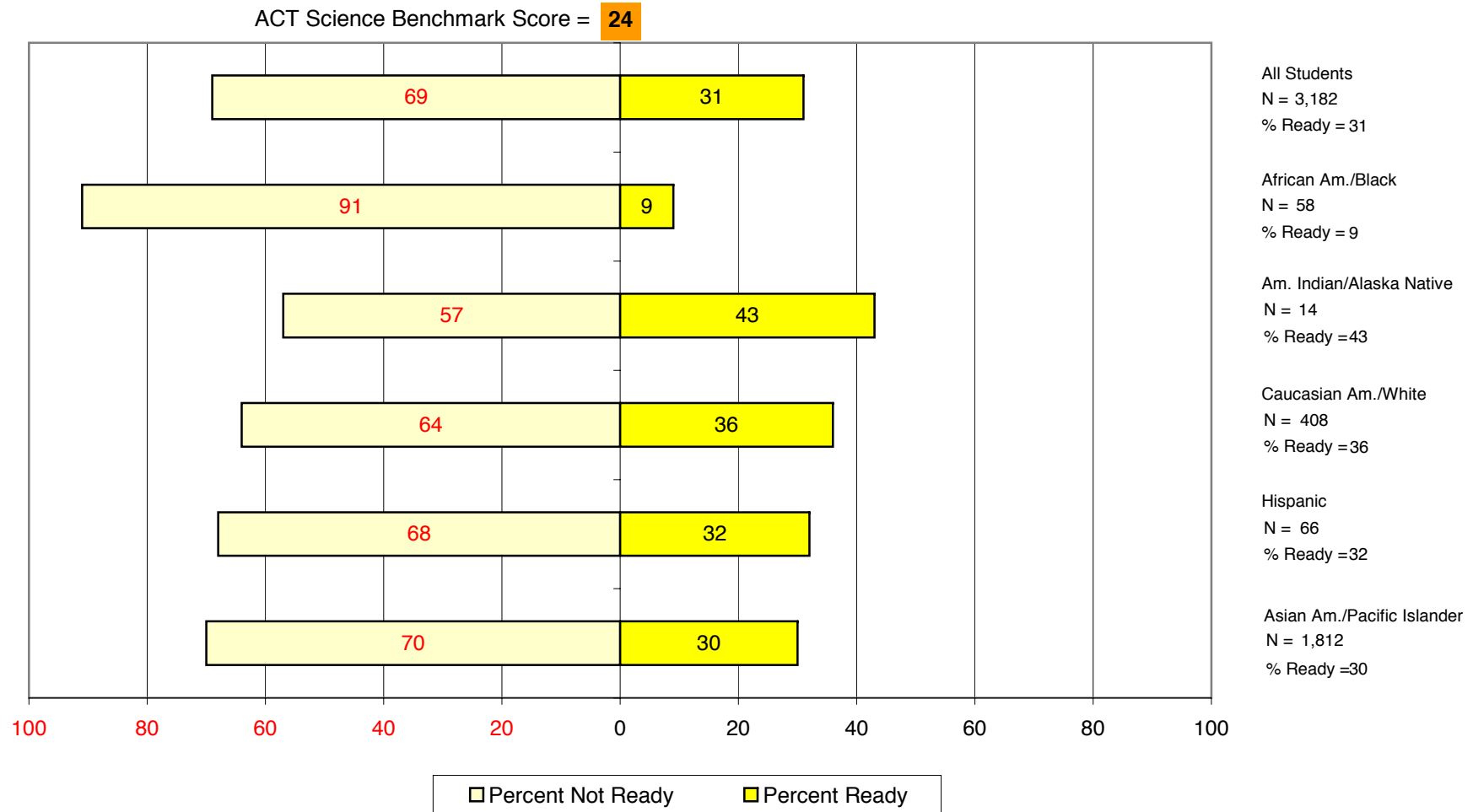


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

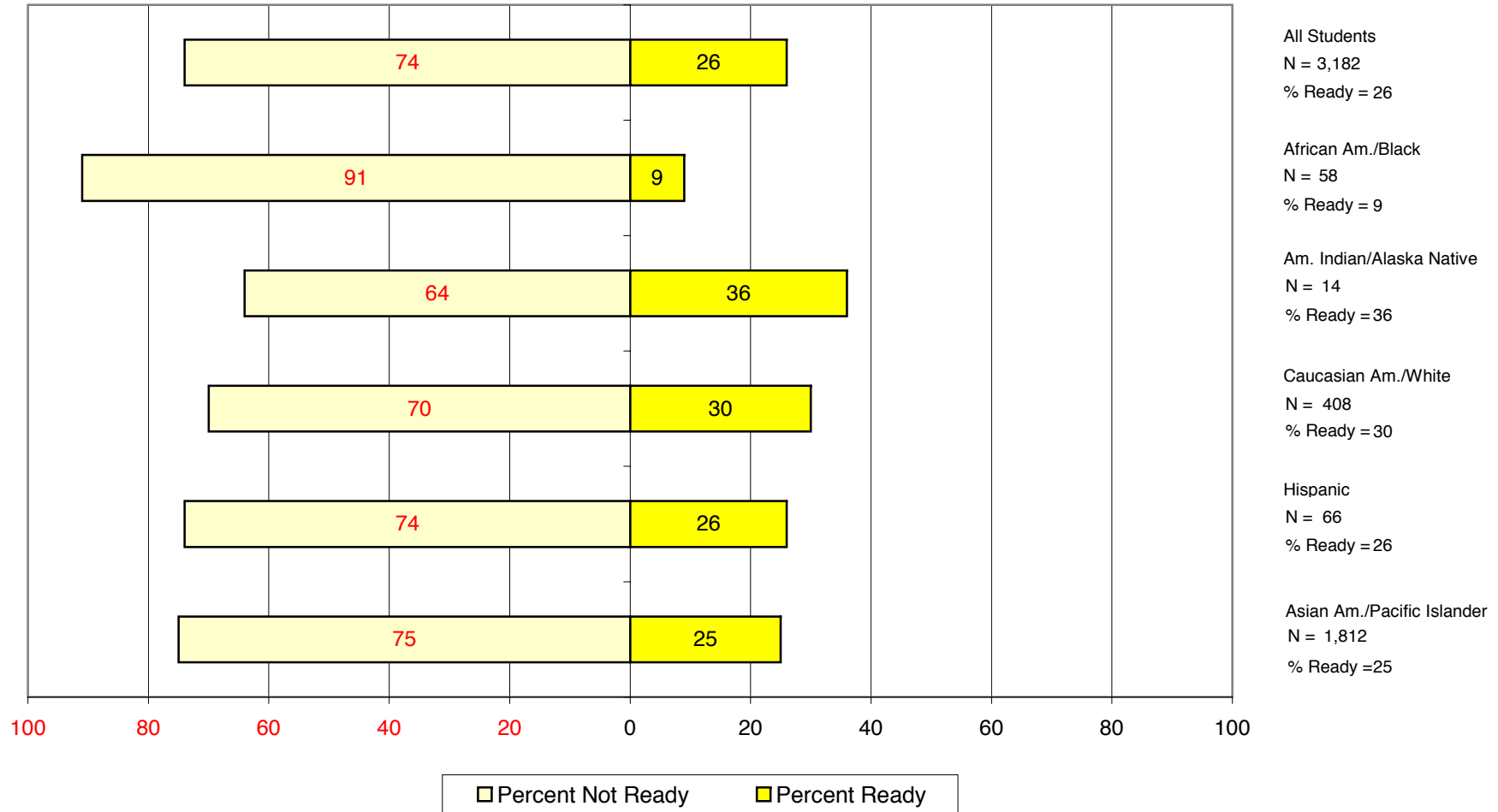


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	437	14	21.3	0.7	142	12	20.1	0.0	287	16	21.9	1.2
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	2,102	66	20.8	0.2	791	65	20.3	0.2	1,266	69	21.0	0.3
Less than 4 years of English	236	7	20.6	-	96	8	20.1	-	120	7	20.7	-
No English course/grade information reported	407	13	20.3	-	192	16	19.7	-	168	9	20.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	381	12	25.4	5.9	143	12	26.3	6.7	227	12	24.8	5.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	327	10	23.5	4.0	120	10	24.5	4.9	194	11	22.7	3.6
Alg 1, Alg 2, Geom, & Trig	374	12	21.5	2.0	119	10	22.4	2.8	247	13	20.9	1.8
Alg 1, Alg 2, Geom, & Other Adv Math	214	7	21.6	2.1	83	7	22.3	2.7	128	7	21.0	1.9
Other comb of 4 or more years of Math	717	23	24.8	5.3	276	23	24.9	5.3	420	23	24.6	5.5
Alg 1, Alg 2, & Geom (Min. Core)	495	16	18.0	-1.5	193	16	18.1	-1.5	299	16	17.9	-1.2
Other comb of 3 or 3.5 years of Math	72	2	21.7	2.2	25	2	20.0	0.4	44	2	22.6	3.5
Less than 3 years of Math	177	6	19.5	-	64	5	19.6	-	104	6	19.1	-
No Math course/grade information reported	425	13	22.2	-	198	16	22.6	-	178	10	21.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	137	4	23.1	1.1	47	4	23.0	1.2	87	5	23.2	1.2
Other comb of 4 or more years Social Science	990	31	21.4	-0.6	378	31	20.9	-0.9	596	32	21.7	-0.3
US Hist, World Hist, & Am Gov (Min. Core)	53	2	21.6	-0.4	19	2	20.0	-1.8	34	2	22.5	0.5
Other comb of 3 or 3.5 years of Social Science	1,038	33	21.6	-0.4	389	32	21.3	-0.5	618	34	21.6	-0.4
Less than 3 years of Social Science	535	17	22.0	-	189	15	21.8	-	325	18	22.0	-
No Soc Sci course/grade information reported	429	13	21.3	-	199	16	21.4	-	181	10	20.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,374	43	22.0	2.0	546	45	22.4	2.9	796	43	21.6	1.6
Bio, Chem, Phys	448	14	22.5	2.5	148	12	23.2	3.7	280	15	22.0	2.0
Gen Sci ² , Bio, Chem (Min. Core)	652	20	19.2	-0.8	217	18	19.4	-0.1	423	23	19.0	-1.0
Other comb of 3 years of Natural Science	58	2	20.0	0.0	26	2	20.8	1.3	32	2	19.4	-0.6
Less than 3 years of Natural Science	213	7	20.0	-	79	6	19.5	-	128	7	20.0	-
No Nat Sci course/grade information reported	437	14	21.4	-	205	17	21.7	-	182	10	20.7	-

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	437	14	21.3	71	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	2,102	66	20.8	69	949,721	67	20.5	68
Less than 4 years of English	236	7	20.6	69	112,496	8	18.8	56
No English course/grade information reported	407	13	20.3	68	93,330	7	20.2	64
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	381	12	25.4	75	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	327	10	23.5	68	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	374	12	21.5	48	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	214	7	21.6	49	204,909	14	20.4	38
Other comb of 4 or more years of Math	717	23	24.8	69	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	495	16	18.0	15	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	72	2	21.7	44	70,951	5	20.8	41
Less than 3 years of Math	177	6	19.5	29	131,252	9	17.4	14
No Math course/grade information reported	425	13	22.2	51	98,554	7	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	137	4	23.1	66	42,546	3	22.7	61
Other comb of 4 or more years Social Science	990	31	21.4	50	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	53	2	21.6	53	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	1,038	33	21.6	53	404,731	28	21.3	52
Less than 3 years of Social Science	535	17	22.0	56	185,561	13	20.4	45
No Soc Sci course/grade information reported	429	13	21.3	52	98,548	7	21.1	50
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	1,374	43	22.0	36	453,654	32	22.2	38
Bio, Chem, Phys	448	14	22.5	40	134,033	9	23.2	47
Gen Sci ¹ , Bio, Chem (Min. Core)	652	20	19.2	16	435,183	31	20.1	20
Other comb of 3 years of Natural Science	58	2	20.0	19	40,179	3	20.1	22
Less than 3 years of Natural Science	213	7	20.0	27	259,142	18	18.7	13
No Nat Sci course/grade information reported	437	14	21.4	34	99,750	7	20.6	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	23	1	18.9	1	4	15.0	20	1	19.2
Architecture & Environmental Design	73	2	20.9	0	0	.	62	3	21.3
Business & Management	264	8	20.4	2	8	15.5	241	10	20.5
Business & Office	16	1	19.8	0	0	.	14	1	19.9
Marketing & Distribution	22	1	20.5	0	0	.	20	1	20.8
Communications & Comm. Technologies	70	2	21.2	0	0	.	66	3	21.2
Community & Personal Services	42	1	18.8	2	8	12.5	38	2	19.3
Computer & Information Sciences	54	2	20.8	0	0	.	47	2	20.7
Cross-Disciplinary Studies	7	0	24.7	0	0	.	7	0	24.7
Education	88	3	19.5	0	0	.	80	3	19.7
Teacher Education	35	1	19.8	1	4	12.0	31	1	20.1
Engineering	133	4	23.5	0	0	.	126	5	23.5
Engineering-Related Technologies	100	3	23.3	1	4	19.0	95	4	23.1
Foreign Languages	25	1	22.4	0	0	.	23	1	22.2
Health Sciences & Allied Health Fields	551	17	20.7	3	12	21.0	505	22	20.7
Human, Family & Consumer Science	20	1	18.5	1	4	17.0	17	1	18.7
Letters	13	0	24.1	0	0	.	12	1	24.3
Mathematics	7	0	23.0	0	0	.	6	0	23.5
Philosophy, Religion & Theology	8	0	27.0	0	0	.	7	0	27.3
Sciences (Biological & Physical)	176	6	23.9	0	0	.	161	7	23.7
Social Sciences	170	5	23.4	0	0	.	161	7	23.5
Trade & Industrial	13	0	16.9	1	4	12.0	11	0	17.0
Visual & Performing Arts	118	4	20.7	2	8	15.5	107	5	20.9
Undecided	409	13	22.2	10	40	15.1	350	15	22.2
No Response	745	23	21.9	1	4	21.0	134	6	24.2

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	1	15.0	0	.	0	.	0	.	0	.	1	15.0	0	.
2-yr College Degree	24	15.9	1	20.0	0	.	1	16.0	1	13.0	11	15.5	10	16.3
Bachelors Degree	899	19.6	21	17.2	2	20.5	136	20.9	14	17.7	542	19.3	184	19.7
Graduate Study	662	22.9	9	19.7	4	19.5	89	24.1	13	21.1	398	22.7	149	23.2
Prof. Level Degree	780	23.3	15	19.7	4	27.8	87	24.8	15	23.3	477	22.9	182	23.8
Other	65	18.8	0	.	0	.	11	19.9	1	18.0	30	18.7	23	18.3
No Response	751	21.6	12	17.5	4	22.3	84	22.0	22	20.7	353	21.4	276	22.1

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	966	488	478	2	12	28	31	19	8	0
HAWAII PACIFIC UNIVERSITY	Hawaii	346	91	255	3	15	34	33	12	3	0
UNIVERSITY OF WASHINGTON	Washington	189	48	141	1	5	13	27	36	14	5
UNIVERSITY OF HAWAII AT HILO	Hawaii	171	49	122	4	15	42	25	10	4	0
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	164	34	130	4	21	43	23	8	1	0
UNIVERSITY OF SOUTHERN CALIFORNIA	California	142	31	111	1	4	9	24	32	27	4
OREGON STATE UNIVERSITY	Oregon	138	26	112	6	10	20	34	22	7	1
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	121	39	82	3	15	40	31	10	1	0
UNIVERSITY OF OREGON	Oregon	117	18	99	3	10	19	32	26	10	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	112	52	60	4	13	24	35	21	4	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	104	18	86	0	4	15	23	24	32	2
UNIVERSITY OF PORTLAND	Oregon	102	18	84	0	5	20	40	30	5	0
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	97	19	78	8	23	45	14	7	2	0
STANFORD UNIVERSITY	California	91	42	49	0	1	3	12	29	43	12
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	91	18	73	9	29	40	19	3	1	0
BRIGHAM YOUNG UNIVERSITY	Utah	87	41	46	2	9	18	34	26	8	1
UNIVERSITY OF SAN FRANCISCO	California	86	11	75	0	3	19	29	37	10	1
NCAA ELIGIBILITY CENTER	Indiana	82	39	43	9	13	32	29	12	4	1
UNIVERSITY OF THE PACIFIC	California	80	18	62	0	5	9	34	40	13	0
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	78	23	55	6	27	44	10	9	4	0
LOYOLA MARYMOUNT UNIVERSITY	California	76	20	56	0	1	12	26	46	14	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	72	20	52	0	0	10	28	25	32	6
SANTA CLARA UNIVERSITY	California	69	20	49	0	0	9	29	35	25	3
SEATTLE UNIVERSITY	Washington	67	8	59	0	6	27	45	15	7	0
WASHINGTON STATE UNIVERSITY	Washington	67	11	56	0	7	25	31	24	10	1
PACIFIC UNIVERSITY	Oregon	61	19	42	3	2	28	38	25	5	0
CREIGHTON UNIVERSITY	Nebraska	58	16	42	2	2	10	41	26	19	0
UNIVERSITY OF SAN DIEGO	California	51	10	41	2	0	22	33	29	12	2
SAN DIEGO STATE UNIVERSITY	California	50	12	38	4	8	26	30	26	4	2
NEW YORK UNIVERSITY	New York	47	17	30	0	2	15	21	34	26	2
All Other Institutions		2,951	668	2,283	2	10	22	27	23	13	3
Total		6,933	1,944	4,989	2	10	24	28	22	11	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
All Students	2,586	770,529	21.2	21.4	7.6	7.3	21.0	20.9
African Am./Black	46	86,049	17.6	16.6	6.8	6.5	17.7	16.6
Am. Indian/Alaska Native	13	5,148	22.3	18.9	8.5	6.7	22.8	18.5
Caucasian Am./White	331	464,177	22.8	22.5	7.8	7.4	22.4	21.8
Hispanic	56	71,060	20.3	18.3	7.6	7.1	20.4	18.5
Asian Am./Pacific Islander	1,485	37,359	20.9	23.1	7.7	7.9	20.9	22.6
Other/No Response	655	106,736	21.3	22.2	7.5	7.5	21.0	21.7
Males	990	327,613	20.5	20.9	7.4	7.0	20.3	20.2
Females	1,497	421,968	21.5	21.7	7.7	7.6	21.4	21.3
Missing	99	20,948	22.4	23.9	7.9	7.9	22.2	23.2

