

ACT High School Profile Report

The Graduating Class of 2007
Alaska



ACT High School Profile Report

The Graduating Class of 2007

Alaska

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 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

26% 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. 2,106 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. 35% 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 13% of the cohort took less than three years of math courses. Of these students, 27% were college ready. 13% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 33% of these students were college ready. In comparison, 73% 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 19% of the cohort took less than three years of natural science courses. 23% of these students were college ready. In comparison, 45% 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 43% 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.

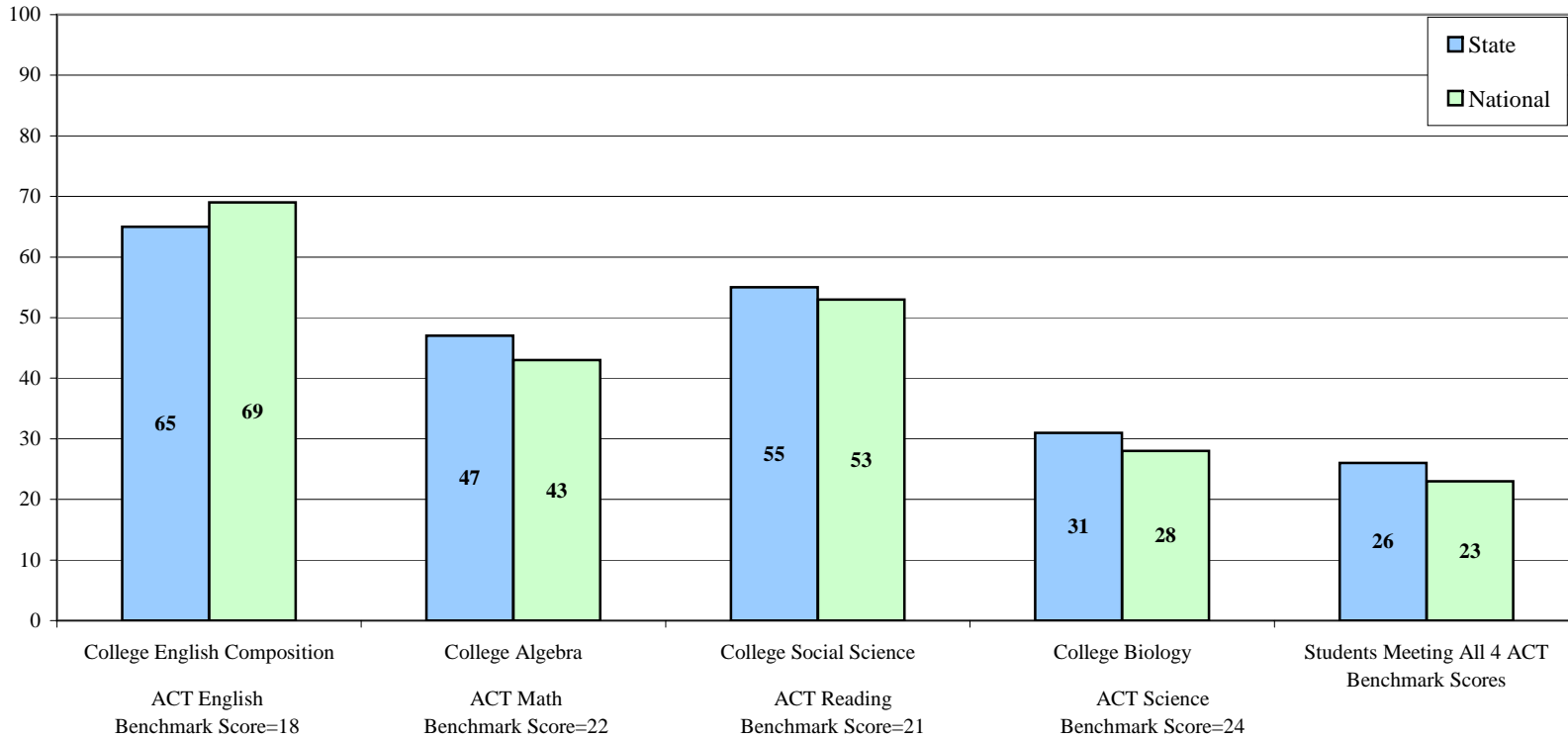
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	2,344	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
2006	1,987	1,206,455	64	69	46	42	55	53	30	27	25	21
2007	2,106	1,300,599	65	69	47	43	55	53	31	28	26	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	2,344	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
2006	1,987	1,206,455	20.0	20.6	21.2	20.8	21.7	21.4	20.8	20.9	21.1	21.1
2007	2,106	1,300,599	20.1	20.7	21.3	21.0	21.8	21.5	21.0	21.0	21.2	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									
	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
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
2006	656	627	33	32	23.4	20.8	24.1	21.3	25.0	22.6	23.5	21.3	24.1	21.6
2007	742	660	35	31	23.5	20.2	24.1	20.8	24.9	22.3	23.5	21.0	24.1	21.2

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	2,344	100	21.1	2,167	100	21.3	1,977	100	21.3	1,987	100	21.1	2,106	100	21.2
African American/Black	62	3	17.1	58	3	18.2	33	2	17.7	59	3	17.8	88	4	18.2
American Indian/Alaska Native	321	14	17.0	275	13	17.2	222	11	17.6	244	12	17.2	217	10	17.3
Caucasian American/White	1,320	56	22.9	1,192	55	23.0	1,084	55	23.2	930	47	23.3	973	46	23.4
Hispanic	47	2	19.7	44	2	21.2	39	2	19.6	44	2	21.1	39	2	20.8
Asian American/Pacific Islander	112	5	21.2	111	5	21.0	87	4	22.2	99	5	21.8	108	5	21.0
Other/No Response	482	21	19.8	487	22	20.1	512	26	19.2	611	31	19.4	681	32	19.7

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	2	100	3	100	15	100	6	100	0	100	36
35	16	100	12	100	26	99	12	100	2	100	35
34	29	99	25	99	48	98	10	99	7	100	34
33	26	98	13	98	39	96	29	99	18	100	33
32	27	97	24	97	56	94	10	97	32	99	32
31	31	95	40	96	83	91	31	97	32	97	31
30	36	94	33	94	57	87	34	95	44	96	30
29	45	92	63	93	66	85	29	94	77	94	29
28	91	90	66	90	105	81	51	92	83	90	28
27	69	86	91	87	83	76	72	90	94	86	27
26	66	82	111	82	84	73	109	87	100	82	26
25	130	79	136	77	95	69	123	81	127	77	25
24	108	73	141	71	121	64	137	75	141	71	24
23	98	68	110	64	135	58	149	69	142	64	23
22	129	63	116	59	56	52	180	62	121	57	22
21	128	57	102	53	92	49	168	53	145	52	21
20	144	51	104	48	141	45	175	45	123	45	20
19	124	44	135	43	107	38	147	37	124	39	19
18	73	38	139	37	74	33	127	30	109	33	18
17	80	35	138	30	75	30	97	24	112	28	17
16	118	31	206	24	109	26	73	19	96	22	16
15	81	25	149	14	68	21	84	16	85	18	15
14	91	22	87	7	105	18	65	12	88	14	14
13	61	17	40	3	65	13	26	9	78	10	13
12	57	14	11	1	92	10	48	8	65	6	12
11	61	12	5	1	37	5	40	5	30	3	11
10	44	9	5	1	21	3	37	4	18	1	10
9	54	7	1	1	18	2	18	2	8	1	9
8	44	4	0	1	14	2	9	1	3	1	8
7	23	2	0	1	6	1	6	1	2	1	7
6	10	1	0	1	3	1	2	1	0	1	6
5	7	1	0	1	6	1	0	1	0	1	5
4	1	1	0	1	2	1	1	1	0	1	4
3	1	1	0	1	0	1	0	1	0	1	3
2	1	1	0	1	2	1	1	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.1 (6.6)		21.3 (5.3)		21.8 (6.8)		21.0 (5.4)		21.2 (5.5)		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	43	100	14	100	43	100	77	100	60	100	22	100	27	100	18
17	96	98	41	99	144	98	143	96	92	97	22	99	12	99	17
16	82	93	83	97	145	91	168	90	108	93	56	98	63	98	16
15	83	90	154	93	134	84	181	82	132	88	112	95	133	95	15
14	149	86	165	86	124	78	184	73	163	81	158	90	155	89	14
13	134	78	150	78	146	72	171	64	229	74	233	82	237	81	13
12	160	72	230	71	236	65	161	56	206	63	203	71	212	70	12
11	172	65	247	60	157	54	124	48	173	53	220	62	278	60	11
10	215	56	223	49	179	46	144	43	171	45	292	51	275	47	10
9	178	46	177	38	177	38	153	36	161	37	242	37	288	34	9
8	193	38	176	30	184	29	121	28	198	29	177	26	177	20	8
7	143	29	133	21	132	21	103	23	234	20	139	18	79	12	7
6	124	22	92	15	103	14	163	18	121	8	105	11	73	8	6
5	115	16	117	10	73	10	102	10	31	3	63	6	43	5	5
4	108	10	66	5	60	6	78	5	20	1	8	3	19	3	4
3	64	5	29	2	42	3	24	2	5	1	46	3	29	2	3
2	43	2	8	1	13	1	7	1	2	1	0	1	3	1	2
1	4	1	1	1	14	1	2	1	0	1	8	1	3	1	1
Avg (SD)	9.9 (4.0)		10.4 (3.5)		10.9 (4.0)		11.3 (4.1)		11.1 (3.5)		10.5 (3.2)		10.8 (3.0)		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	25	27	24	25
Q2 (50th Percentile)	20	21	22	21	21
Q1 (25th Percentile)	15	17	16	18	17

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	2,106	35	24.1	21.2
	African Am./Black	88	42	20.3	17.1
	Am. Indian/Alaska Native	217	22	21.5	17.9
	Caucasian Am./White	973	47	24.8	22.0
	Hispanic	39	41	22.6	19.9
	Asian Am./Pacific Islander	108	51	22.3	19.5
	Other/No Response	681	19	24.7	22.0
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	20.1	21.3	21.8	21.0	21.2
	African Am./Black	16.9	18.6	18.8	18.0	18.2
	Am. Indian/Alaska Native	15.7	17.9	17.3	17.6	17.3
	Caucasian Am./White	22.8	23.1	24.2	22.9	23.4
	Hispanic	19.3	21.1	21.6	20.9	20.8
	Asian Am./Pacific Islander	19.1	21.6	21.3	21.2	21.0
	Other/No Response	18.4	20.1	20.2	19.5	19.7
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	73	3	53	3	128	6	57	3
	28 to 32	230	11	226	11	367	17	155	7
	24 to 27	373	18	479	23	383	18	441	21
	20 to 23	499	24	432	21	424	20	672	32
	16 to 19	395	19	618	29	365	17	444	21
	13 to 15	233	11	276	13	238	11	175	8
	01 to 12	303	14	22	1	201	10	162	8
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	846	40	19.4	21.9	21.2	21.4	21.1
	Females	1,121	53	20.6	20.7	22.0	20.5	21.1
	Missing	139	7	21.0	22.4	23.5	21.9	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	59	50	52	37	29
	Females	68	44	56	26	22
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

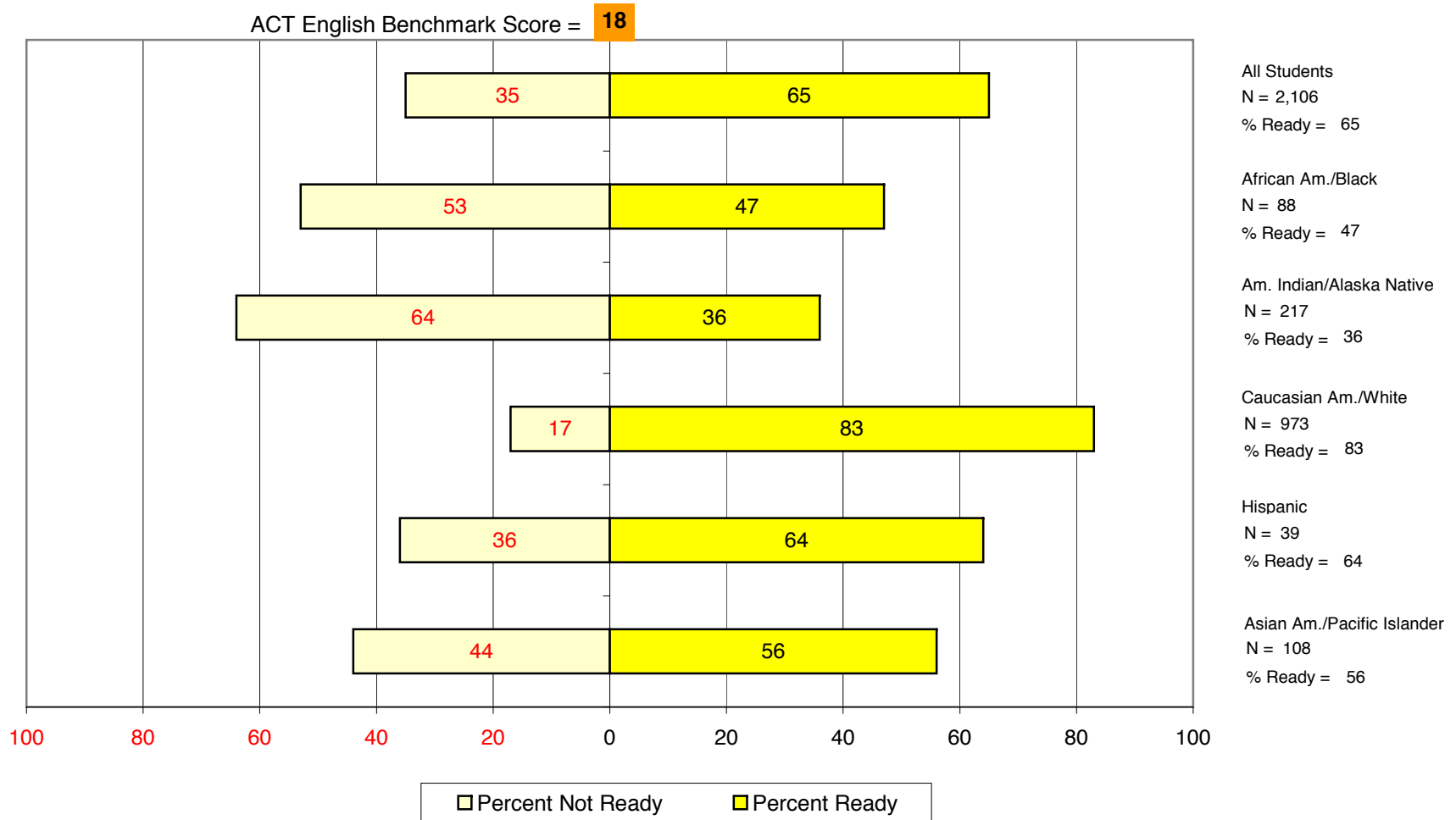


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

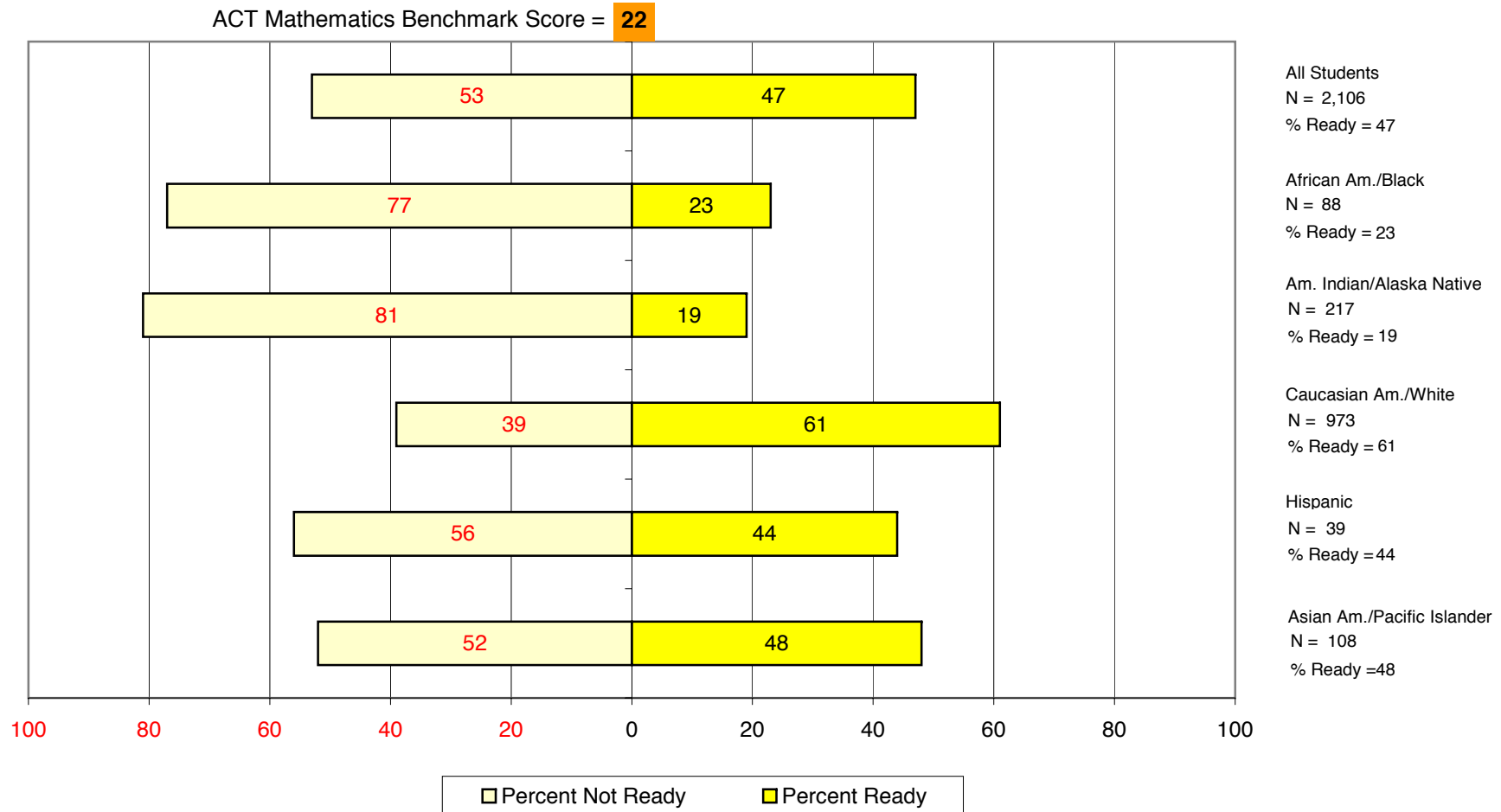


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

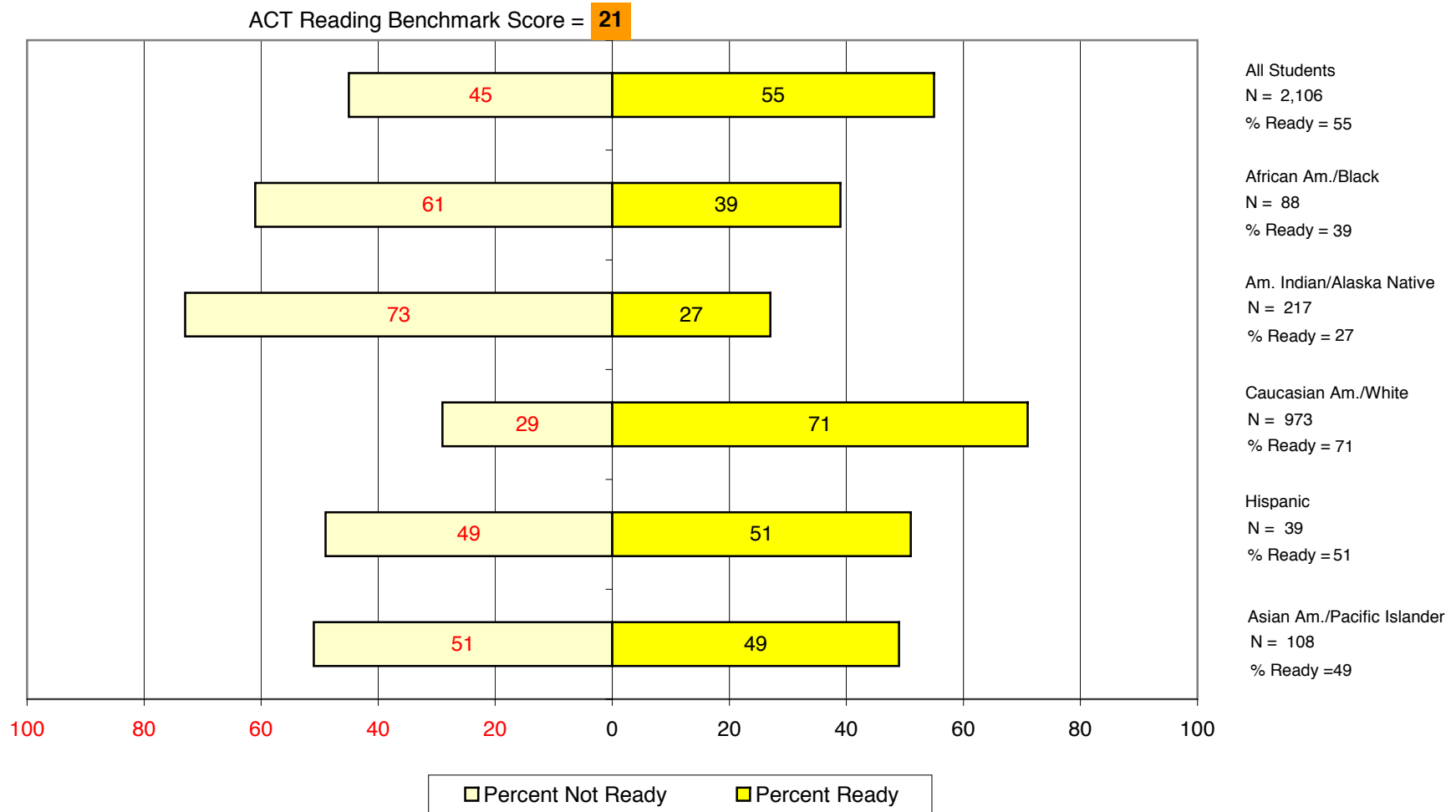


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

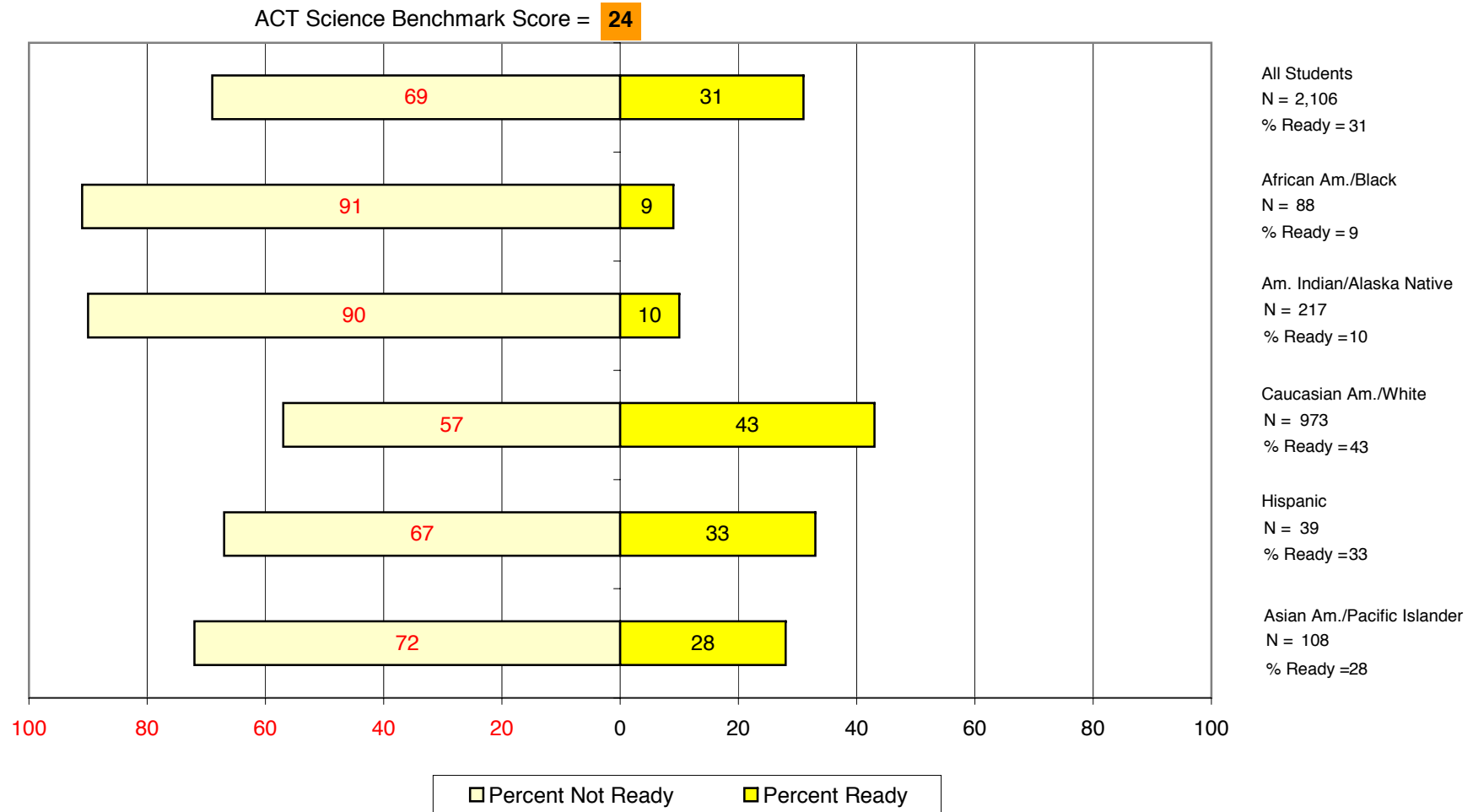


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

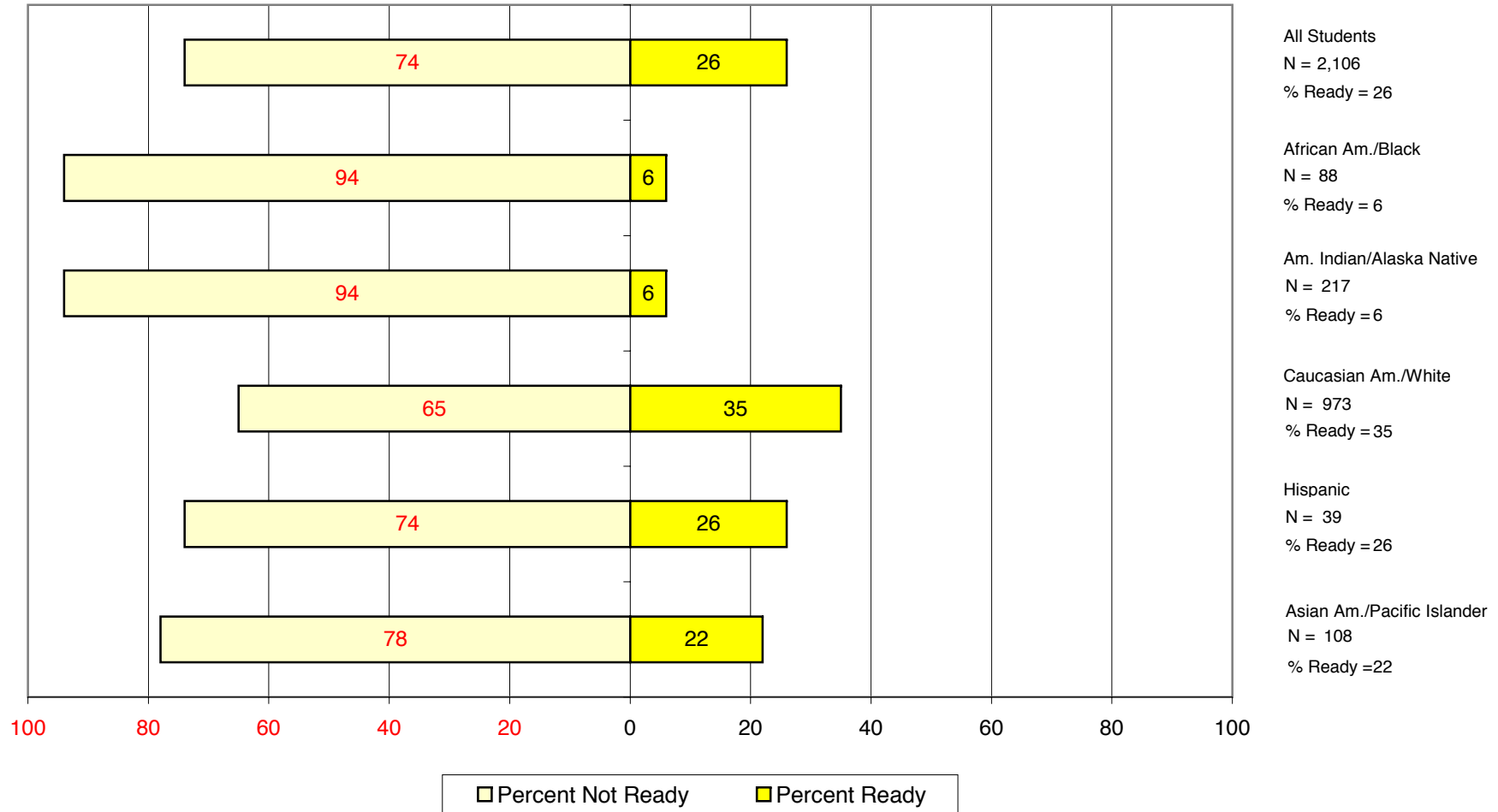


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	301	14	22.4	1.7	100	12	21.9	1.9	183	16	22.9	1.6
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	841	40	22.3	1.6	347	41	21.9	1.9	444	40	22.7	1.4
Less than 4 years of English	240	11	20.7	-	83	10	20.0	-	129	12	21.3	-
No English course/grade information reported	724	34	16.5	-	316	37	15.7	-	365	33	16.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	164	8	26.6	7.5	73	9	27.1	7.7	84	7	26.2	7.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	93	4	23.9	4.8	29	3	24.6	5.2	61	5	23.7	5.3
Alg 1, Alg 2, Geom, & Trig	136	6	22.5	3.4	55	7	24.3	4.9	75	7	21.4	3.0
Alg 1, Alg 2, Geom, & Other Adv Math	107	5	22.4	3.3	40	5	22.8	3.4	63	6	22.3	3.9
Other comb of 4 or more years of Math	256	12	26.0	6.9	117	14	27.3	7.9	122	11	24.8	6.4
Alg 1, Alg 2, & Geom (Min. Core)	271	13	19.9	0.8	81	10	20.4	1.0	169	15	19.7	1.3
Other comb of 3 or 3.5 years of Math	73	3	22.5	3.4	31	4	23.1	3.7	36	3	21.6	3.2
Less than 3 years of Math	271	13	19.1	-	98	12	19.4	-	141	13	18.4	-
No Math course/grade information reported	735	35	18.9	-	322	38	19.0	-	370	33	18.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	46	2	25.9	3.2	19	2	24.6	2.0	26	2	26.8	4.3
Other comb of 4 or more years Social Science	542	26	23.8	1.1	212	25	23.7	1.1	301	27	23.9	1.4
US Hist, World Hist, & Am Gov (Min. Core)	93	4	24.4	1.7	38	4	23.7	1.1	49	4	25.2	2.7
Other comb of 3 or 3.5 years of Social Science	444	21	23.8	1.1	163	19	23.5	0.9	247	22	23.9	1.4
Less than 3 years of Social Science	248	12	22.7	-	94	11	22.6	-	130	12	22.5	-
No Soc Sci course/grade information reported	733	35	18.3	-	320	38	17.5	-	368	33	18.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	324	15	23.6	3.2	156	18	24.3	4.0	156	14	22.9	2.6
Bio, Chem, Phys	191	9	25.7	5.3	93	11	26.0	5.7	87	8	25.5	5.2
Gen Sci ² , Bio, Chem (Min. Core)	393	19	21.8	1.4	117	14	22.6	2.3	250	22	21.5	1.2
Other comb of 3 years of Natural Science	49	2	22.4	2.0	27	3	22.9	2.6	16	1	22.3	2.0
Less than 3 years of Natural Science	399	19	20.4	-	131	15	20.3	-	233	21	20.3	-
No Nat Sci course/grade information reported	750	36	18.4	-	322	38	18.5	-	379	34	17.9	-

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	301	14	22.4	82	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	841	40	22.3	76	766,001	59	20.5	68
Less than 4 years of English	240	11	20.7	73	141,777	11	19.7	64
No English course/grade information reported	724	34	16.5	43	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	164	8	26.6	89	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	93	4	23.9	72	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	136	6	22.5	59	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	107	5	22.4	60	163,562	13	20.4	38
Other comb of 4 or more years of Math	256	12	26.0	82	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	271	13	19.9	33	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	73	3	22.5	55	57,945	4	20.9	43
Less than 3 years of Math	271	13	19.1	27	145,617	11	18.3	21
No Math course/grade information reported	735	35	18.9	29	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	46	2	25.9	76	31,985	2	22.7	61
Other comb of 4 or more years Social Science	542	26	23.8	67	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	93	4	24.4	72	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	444	21	23.8	68	333,689	26	21.4	52
Less than 3 years of Social Science	248	12	22.7	58	201,605	16	20.6	47
No Soc Sci course/grade information reported	733	35	18.3	34	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	324	15	23.6	54	333,648	26	22.4	40
Bio, Chem, Phys	191	9	25.7	64	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	393	19	21.8	31	353,348	27	20.2	20
Other comb of 3 years of Natural Science	49	2	22.4	39	32,593	3	20.4	24
Less than 3 years of Natural Science	399	19	20.4	23	247,312	19	19.1	15
No Nat Sci course/grade information reported	750	36	18.4	17	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	10	0	22.2	1	1	23.0	8	1	23.4
Architecture & Environmental Design	22	1	22.7	2	3	13.0	20	2	23.7
Business & Management	83	4	20.6	7	9	15.9	75	6	20.9
Business & Office	6	0	19.3	1	1	16.0	4	0	22.3
Marketing & Distribution	5	0	20.2	0	0	.	5	0	20.2
Communications & Comm. Technologies	25	1	21.5	0	0	.	24	2	21.9
Community & Personal Services	16	1	19.1	1	1	19.0	15	1	19.1
Computer & Information Sciences	25	1	23.3	1	1	18.0	22	2	23.8
Cross-Disciplinary Studies	2	0	25.0	0	0	.	2	0	25.0
Education	44	2	20.1	5	6	13.2	34	3	22.2
Teacher Education	27	1	19.4	2	3	15.5	22	2	20.1
Engineering	100	5	24.1	5	6	13.4	90	7	25.2
Engineering-Related Technologies	44	2	24.1	3	4	15.7	41	3	24.7
Foreign Languages	11	1	21.3	0	0	.	11	1	21.3
Health Sciences & Allied Health Fields	187	9	20.9	8	10	15.4	173	13	21.3
Human, Family & Consumer Science	8	0	19.8	2	3	23.0	6	0	18.7
Letters	11	1	22.9	0	0	.	11	1	22.9
Mathematics	12	1	24.6	0	0	.	11	1	25.5
Philosophy, Religion & Theology	6	0	20.3	0	0	.	5	0	21.6
Sciences (Biological & Physical)	107	5	24.1	1	1	22.0	100	8	24.3
Social Sciences	86	4	23.5	0	0	.	85	6	23.6
Trade & Industrial	24	1	16.8	10	13	17.1	13	1	16.8
Visual & Performing Arts	64	3	21.5	1	1	23.0	57	4	21.8
Undecided	281	13	21.3	17	22	15.6	247	19	22.0
No Response	900	43	20.3	10	13	14.9	245	18	22.8

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	21	15.3	2	14.0	15	15.6	2	15.5	0	.	1	20.0	1	9.0
2-yr College Degree	56	16.1	2	14.0	17	13.7	21	18.5	0	.	3	17.0	13	15.5
Bachelors Degree	588	20.9	28	18.3	83	17.3	335	22.0	12	20.5	32	19.5	98	21.3
Graduate Study	342	24.0	16	19.5	22	20.9	217	25.0	8	20.5	19	22.8	60	23.9
Prof. Level Degree	396	23.7	20	19.2	27	19.9	222	24.5	13	22.8	33	22.7	81	24.2
Other	33	15.6	0	.	21	13.6	7	20.4	0	.	2	17.5	3	16.7
No Response	670	19.4	20	16.9	32	17.4	169	23.6	6	17.7	18	19.6	425	18.0

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	695	343	352	9	19	26	22	16	7	0
UNIVERSITY OF ALASKA FAIRBANKS	Alaska	584	297	287	10	21	23	23	16	7	0
UNIVERSITY OF WASHINGTON	Washington	106	16	90	1	7	15	22	29	23	4
UNIVERSITY OF ALASKA SOUTHEAST	Alaska	97	13	84	7	25	30	18	19	2	0
ALASKA PACIFIC UNIVERSITY	Alaska	96	16	80	9	22	25	11	21	11	0
WASHINGTON STATE UNIVERSITY	Washington	67	11	56	0	3	13	33	24	27	0
BRIGHAM YOUNG UNIVERSITY	Utah	63	39	24	0	3	6	35	38	14	3
OREGON STATE UNIVERSITY	Oregon	61	16	45	3	3	18	30	28	18	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	57	19	38	0	0	21	25	32	23	0
GONZAGA UNIVERSITY	Washington	56	11	45	2	0	20	21	32	21	4
WESTERN WASHINGTON UNIVERSITY	Washington	56	9	47	2	4	11	29	34	20	2
UNIVERSITY OF OREGON	Oregon	52	12	40	0	4	15	35	23	23	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	50	19	31	0	4	12	32	42	10	0
KUSKOKWIM COLLEGE	Alaska	49	10	39	31	49	14	6	0	0	0
UNIVERSITY OF IDAHO	Idaho	47	10	37	2	0	13	36	28	17	4
COLORADO STATE UNIVERSITY	Colorado	43	13	30	0	5	5	35	30	26	0
SHELDON JACKSON COLLEGE	Alaska	39	5	34	23	31	33	8	5	0	0
UNIVERSITY OF HAWAII AT MANOA	Hawaii	38	7	31	5	8	29	37	21	0	0
NORTHERN ARIZONA UNIVERSITY	Arizona	36	12	24	0	8	14	36	22	17	3
STANFORD UNIVERSITY	California	35	10	25	0	3	9	9	20	49	11
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	34	9	25	3	9	9	41	24	15	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	34	19	15	0	9	21	32	26	12	0
SEATTLE UNIVERSITY	Washington	34	7	27	3	9	15	26	26	21	0
UNIVERSITY OF WYOMING	Wyoming	27	8	19	4	4	7	44	19	22	0
BOISE STATE UNIVERSITY	Idaho	26	6	20	4	4	19	50	8	15	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	24	2	22	4	8	8	42	25	8	4
UNIVERSITY OF NEVADA-RENO	Nevada	23	6	17	0	4	30	26	26	13	0
EASTERN WASHINGTON UNIVERSITY	Washington	22	4	18	0	14	18	36	18	9	5
KENAI PENINSULA COLLEGE	Alaska	22	3	19	0	41	32	14	14	0	0
MATANUSKA-SUSITNA COLLEGE/UAA	Alaska	22	7	15	9	23	36	9	18	5	0
All Other Institutions		2,327	561	1,766	3	9	17	26	23	18	3
Total		4,922	1,520	3,402	5	12	19	25	22	15	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	863	532,943	22.6	22.3	7.6	7.6	22.1	21.8
African Am./Black	43	50,340	18.3	17.2	7.2	6.7	18.5	17.3
Am. Indian/Alaska Native	50	3,462	17.9	19.8	6.6	7.0	17.7	19.4
Caucasian Am./White	494	308,578	23.6	23.4	7.7	7.6	22.9	22.6
Hispanic	19	42,588	20.1	18.8	7.2	7.3	19.8	19.0
Asian Am./Pacific Islander	66	25,616	20.0	23.2	7.5	8.0	20.1	22.8
Other/No Response	191	102,359	23.6	23.2	7.8	7.8	23.0	22.7
Males	310	204,427	22.0	22.0	7.3	7.3	21.4	21.3
Females	485	285,556	23.1	22.5	7.8	7.7	22.6	22.1
Missing	68	42,960	22.3	23.0	7.6	7.8	21.8	22.6

