

ACT High School Profile Report

The Graduating Class of 2006
Utah



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This report provides information about the performance of your 2006 graduating seniors who took the ACT as sophomores, juniors, or seniors.

This report focuses on :

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - college and universities to which your students send test results

Each year, the graduating class data for a school, district, state, and the nation represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, state, or the nation.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT: A Test Like No Other

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

24% 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. 21,561 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. 49% 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, 17% were college ready. 17% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 14% of these students were college ready. In comparison, 56% 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 25% of the cohort took less than three years of natural science courses. 22% 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 2.4 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.

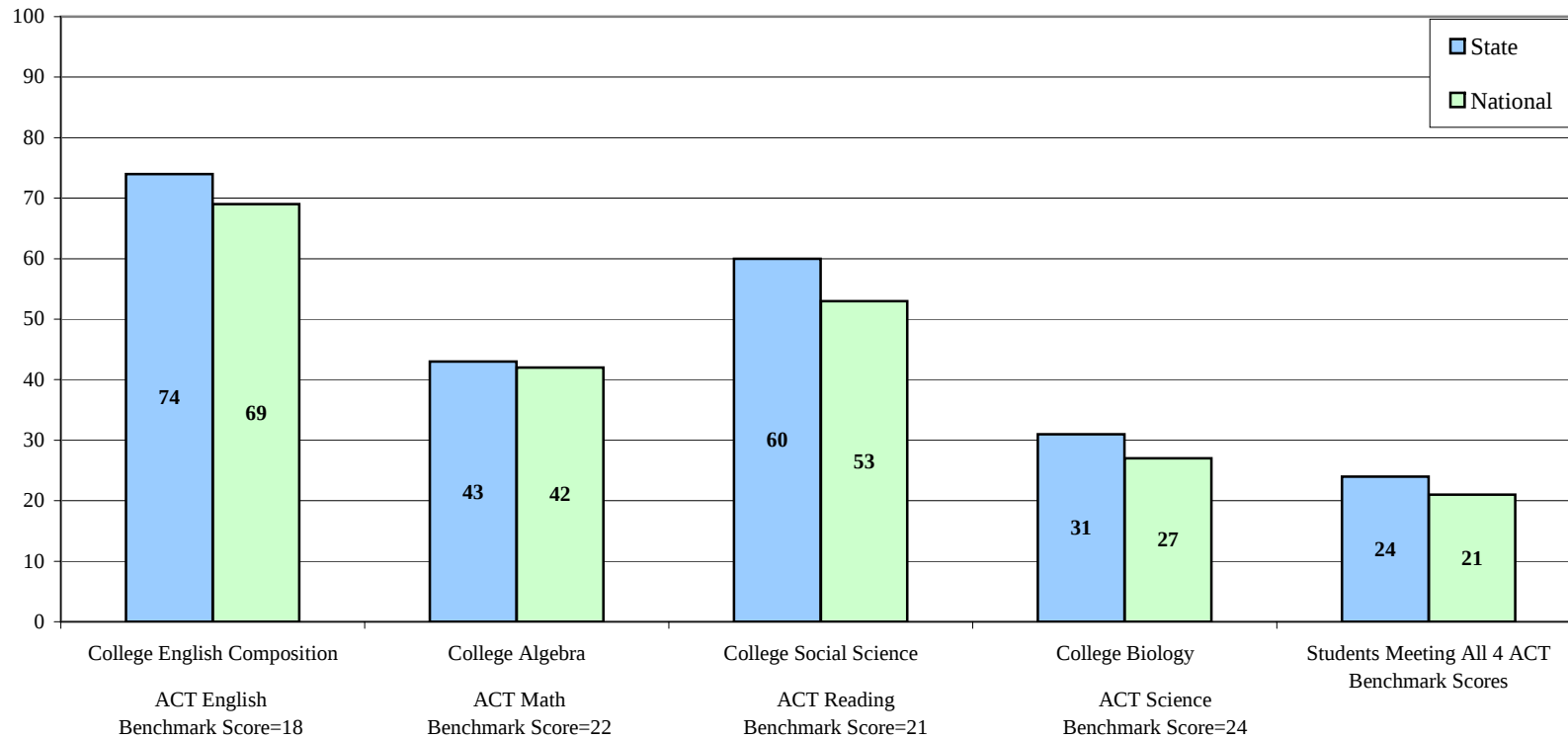
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 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	21,010	1,116,082	71	67	41	39	59	53	29	26	22	20
2003	21,007	1,175,059	71	67	41	40	57	52	28	26	22	20
2004	20,856	1,171,460	72	68	42	40	58	52	29	26	22	21
2005	20,593	1,186,251	73	68	43	41	58	51	30	26	23	21
2006	21,561	1,206,455	74	69	43	42	60	53	31	27	24	21

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	21,010	1,116,082	20.7	20.2	20.8	20.6	22.0	21.1	21.4	20.8	21.4	20.8
2003	21,007	1,175,059	20.7	20.3	20.7	20.6	22.0	21.2	21.4	20.8	21.3	20.8
2004	20,856	1,171,460	20.9	20.4	20.9	20.7	22.2	21.3	21.4	20.9	21.5	20.9
2005	20,593	1,186,251	21.1	20.4	21.0	20.7	22.2	21.3	21.4	20.9	21.5	20.9
2006	21,561	1,206,455	21.2	20.6	21.0	20.8	22.4	21.4	21.6	20.9	21.7	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
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
2006	1,206,455	20.6	20.8	21.4	20.9	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
2002	8,832	11,116	42	53	21.8	19.9	21.8	20.1	23.0	21.2	22.2	20.9	22.3	20.6
2003	8,801	10,952	42	52	21.9	19.8	21.7	20.0	23.0	21.2	22.2	20.8	22.3	20.6
2004	8,959	10,435	43	50	22.0	20.0	21.9	20.2	23.1	21.4	22.1	20.8	22.4	20.7
2005	8,847	9,795	43	48	22.2	20.2	21.9	20.3	23.2	21.3	22.2	20.8	22.5	20.8
2006	10,536	8,303	49	39	22.2	20.1	22.0	20.0	23.2	21.5	22.4	20.7	22.6	20.7

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

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	21,010	100	21.4	21,007	100	21.3	20,856	100	21.5	20,593	100	21.5	21,561	100	21.7
African American/Black	97	0	17.0	112	1	17.5	107	1	18.1	120	1	17.4	148	1	18.2
American Indian/Alaskan Native	160	1	16.7	182	1	18.0	190	1	17.4	211	1	17.6	197	1	18.2
Caucasian American/White	18,180	87	21.5	17,886	85	21.5	17,514	84	21.7	17,100	83	21.8	16,943	79	22.0
Hispanic	583	3	19.1	708	3	18.7	775	4	18.9	861	4	18.9	801	4	19.3
Asian American/Pacific Islander	570	3	20.6	617	3	20.6	607	3	20.5	568	3	21.0	694	3	20.7
Other/No Response	1,420	7	21.6	1,502	7	21.3	1,663	8	21.7	1,733	8	21.4	2,778	13	21.3

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	35	100	36	100	104	100	51	100	2	100	36
35	144	100	52	100	244	100	110	100	38	100	35
34	289	99	148	100	375	98	107	99	92	100	34
33	246	98	85	99	398	97	91	99	138	99	33
32	279	97	149	99	414	95	196	98	161	99	32
31	334	95	214	98	544	93	242	97	285	98	31
30	488	94	321	97	658	90	69	96	436	97	30
29	589	92	466	95	775	87	387	96	565	95	29
28	696	89	587	93	769	84	523	94	724	92	28
27	666	86	876	90	950	80	525	92	937	89	27
26	896	83	1,299	86	1,225	76	1,476	89	1,050	84	26
25	1,236	78	1,209	80	1,213	70	1,019	82	1,293	79	25
24	1,208	73	1,444	75	1,137	64	1,882	78	1,488	73	24
23	1,175	67	1,197	68	1,580	59	1,907	69	1,571	67	23
22	1,533	62	1,196	63	1,377	52	1,812	60	1,759	59	22
21	1,659	54	1,398	57	1,221	45	2,089	52	1,814	51	21
20	1,835	47	1,428	50	1,428	40	2,234	42	1,834	43	20
19	1,459	38	1,398	44	1,366	33	2,068	32	1,758	34	19
18	1,134	32	1,597	37	943	27	1,542	22	1,622	26	18
17	1,075	26	2,332	30	1,246	22	1,009	15	1,255	19	17
16	1,030	21	2,032	19	802	17	791	10	1,012	13	16
15	1,042	16	1,178	10	697	13	463	7	710	8	15
14	820	12	670	4	876	10	328	4	513	5	14
13	445	8	171	1	495	6	235	3	299	2	13
12	361	6	59	1	404	3	177	2	138	1	12
11	284	4	14	1	220	1	127	1	57	1	11
10	229	3	2	1	52	1	64	1	10	1	10
9	175	2	3	1	25	1	23	1	0	1	9
8	138	1	0	1	16	1	10	1	0	1	8
7	48	1	0	1	5	1	3	1	0	1	7
6	11	1	0	1	1	1	1	1	0	1	6
5	1	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	1	1	0	1	0	1	4
3	1	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		21.0		22.4		21.6		21.7		Average

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	629	100	144	100	334	100	612	100	450	100	123	100	141	100	18
17	812	97	444	99	1,365	98	1,098	97	548	98	229	99	225	99	17
16	744	93	1,088	97	1,146	92	1,461	92	1,411	95	411	98	445	98	16
15	1,096	90	1,565	92	1,369	87	1,690	85	1,105	89	692	96	861	96	15
14	1,385	85	1,897	85	1,506	80	1,771	77	1,378	84	1,823	93	1,872	92	14
13	1,331	78	1,890	76	2,066	73	1,873	69	2,305	77	1,349	85	2,248	84	13
12	1,943	72	2,212	67	2,698	64	2,562	61	2,364	67	3,373	79	2,434	73	12
11	2,165	63	3,167	57	2,244	51	1,844	49	1,810	56	2,259	63	2,223	62	11
10	2,555	53	2,491	42	1,924	41	1,950	40	2,363	47	3,883	52	4,169	52	10
9	2,297	41	2,582	31	2,389	32	1,813	31	1,751	36	3,747	34	2,287	32	9
8	1,924	31	1,630	19	2,060	21	1,369	23	2,797	28	1,596	17	1,877	22	8
7	1,691	22	1,081	11	1,036	11	1,158	16	2,154	15	419	10	1,260	13	7
6	1,287	14	652	6	795	7	1,212	11	776	5	843	8	800	7	6
5	760	8	439	3	348	3	697	5	215	2	526	4	87	3	5
4	601	4	201	1	156	1	354	2	93	1	86	1	413	3	4
3	242	2	63	1	89	1	74	1	28	1	175	1	32	1	3
2	96	1	14	1	31	1	22	1	12	1	9	1	151	1	2
1	3	1	1	1	5	1	1	1	1	1	18	1	36	1	1
Average	10.5		11.1		11.4		11.4		11.0		10.6		10.6		Average

¹Note: 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	21,561	49	22.6	20.7
	African Am./Black	148	47	19.3	17.4
	Am. Indian/Alaskan Native	197	47	19.3	17.1
	Caucasian Am./White	16,943	50	22.9	21.0
	Hispanic	801	51	20.0	18.5
	Asian Am./Pacific Islander	694	60	21.4	19.3
	Other/No Response	2,778	40	22.2	20.3
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	714	3	321	1	1,121	5	359	2
	28 to 32	2,386	11	1,737	8	3,160	15	1,417	7
	24 to 27	4,006	19	4,828	22	4,525	21	4,902	23
	20 to 23	6,202	29	5,219	24	5,606	26	8,042	37
	16 to 19	4,698	22	7,359	34	4,357	20	5,410	25
	13 to 15	2,307	11	2,019	9	2,068	10	1,026	5
	01 to 12	1,248	6	78	0	724	3	405	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	9,627	45	20.7	21.9	22.2	22.3	21.9
	Females	10,951	51	21.7	20.4	22.6	21.1	21.6
	Missing	983	5	20.0	19.9	21.4	20.8	20.7
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
		English	Math	Reading	Science	All Four
State	Males	70	50	58	37	29
	Females	77	38	63	26	20
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

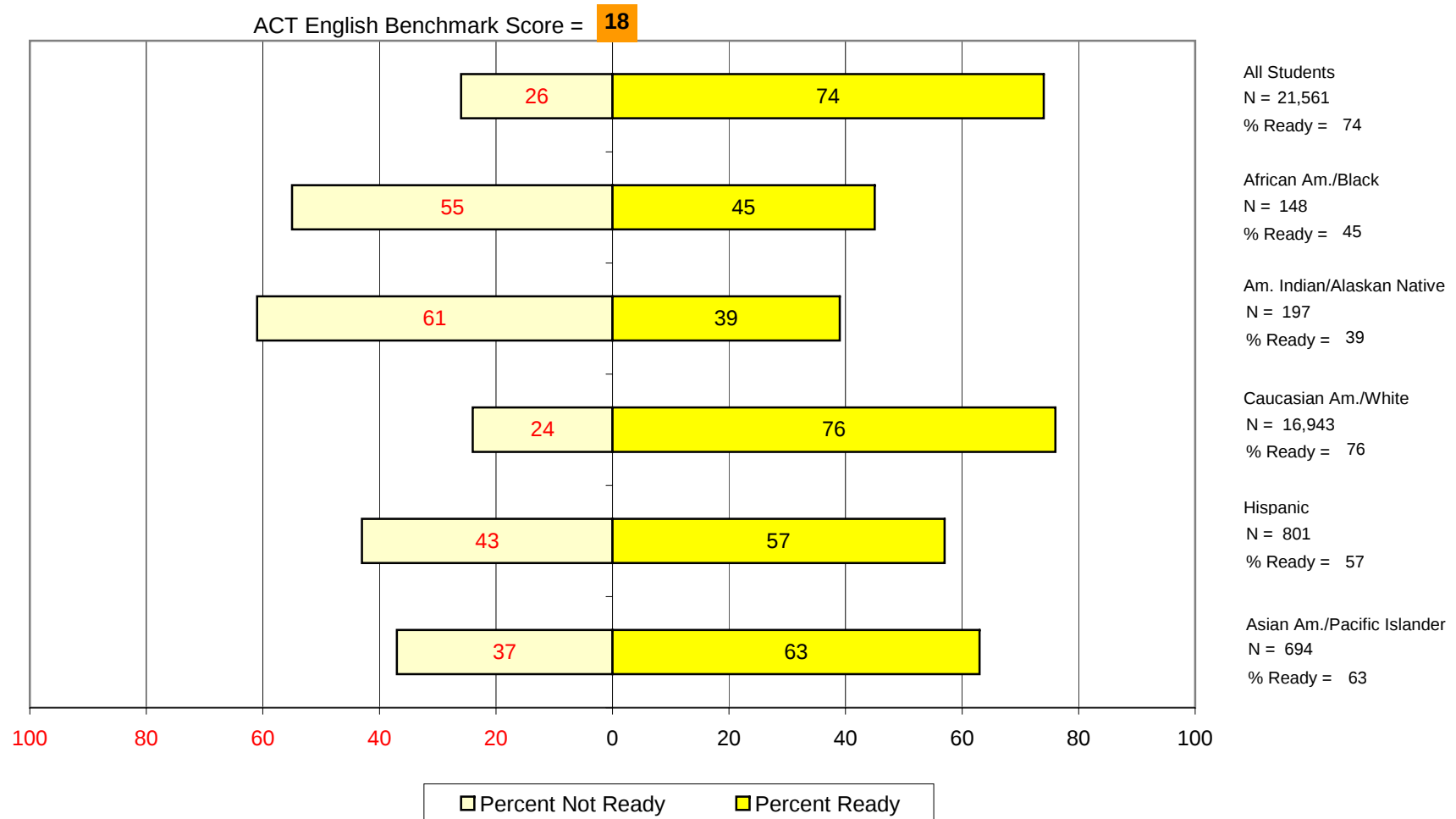


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

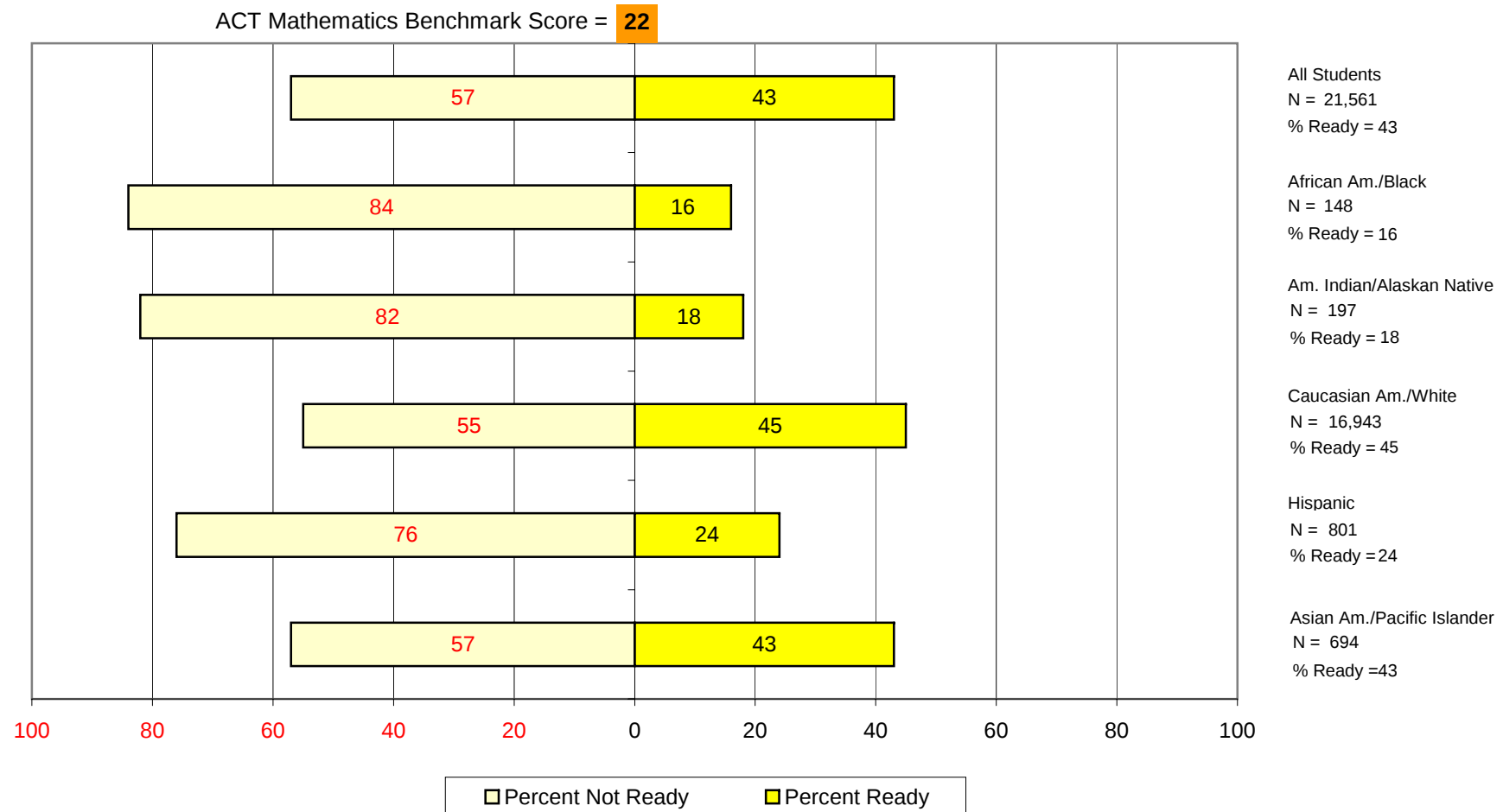


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

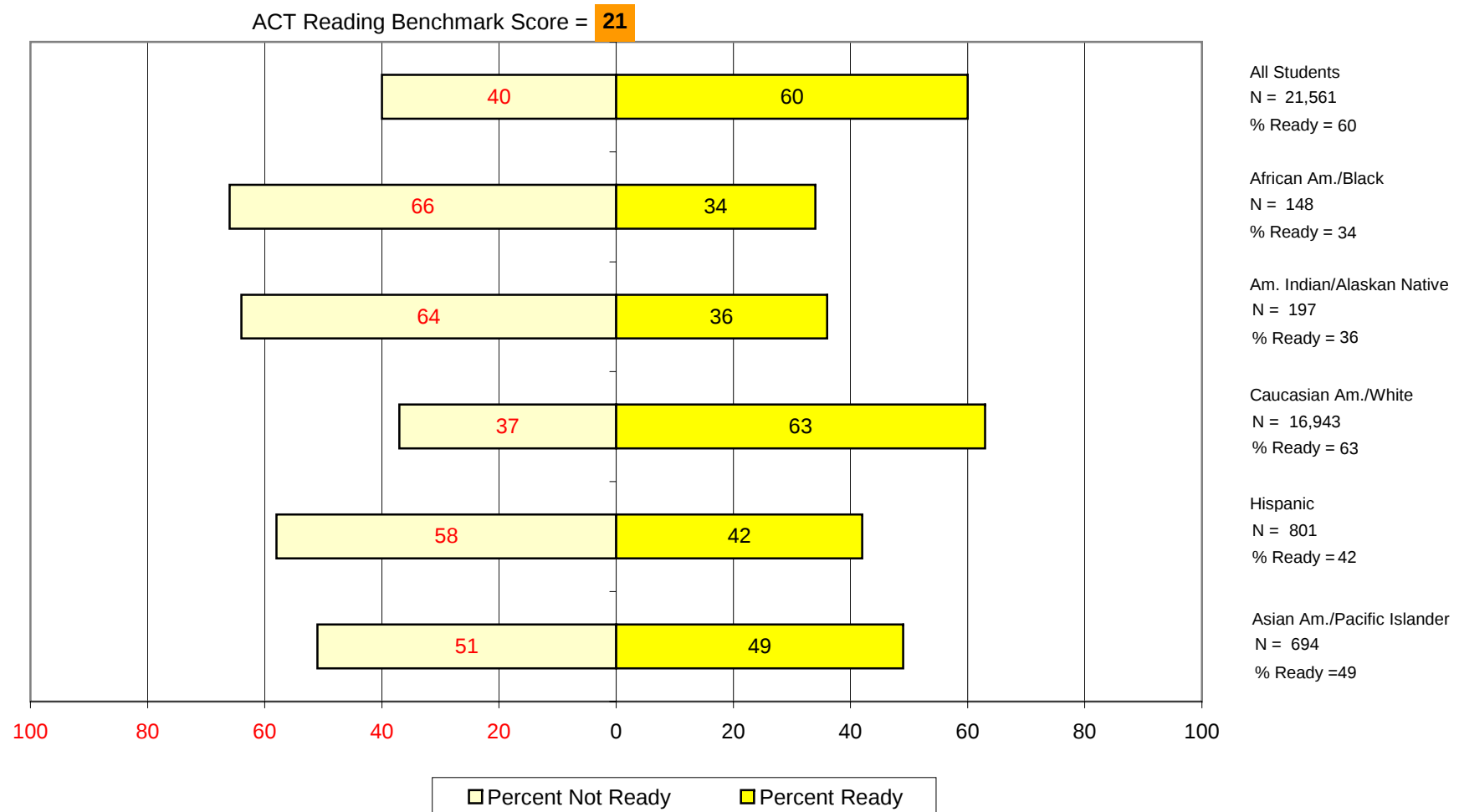


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

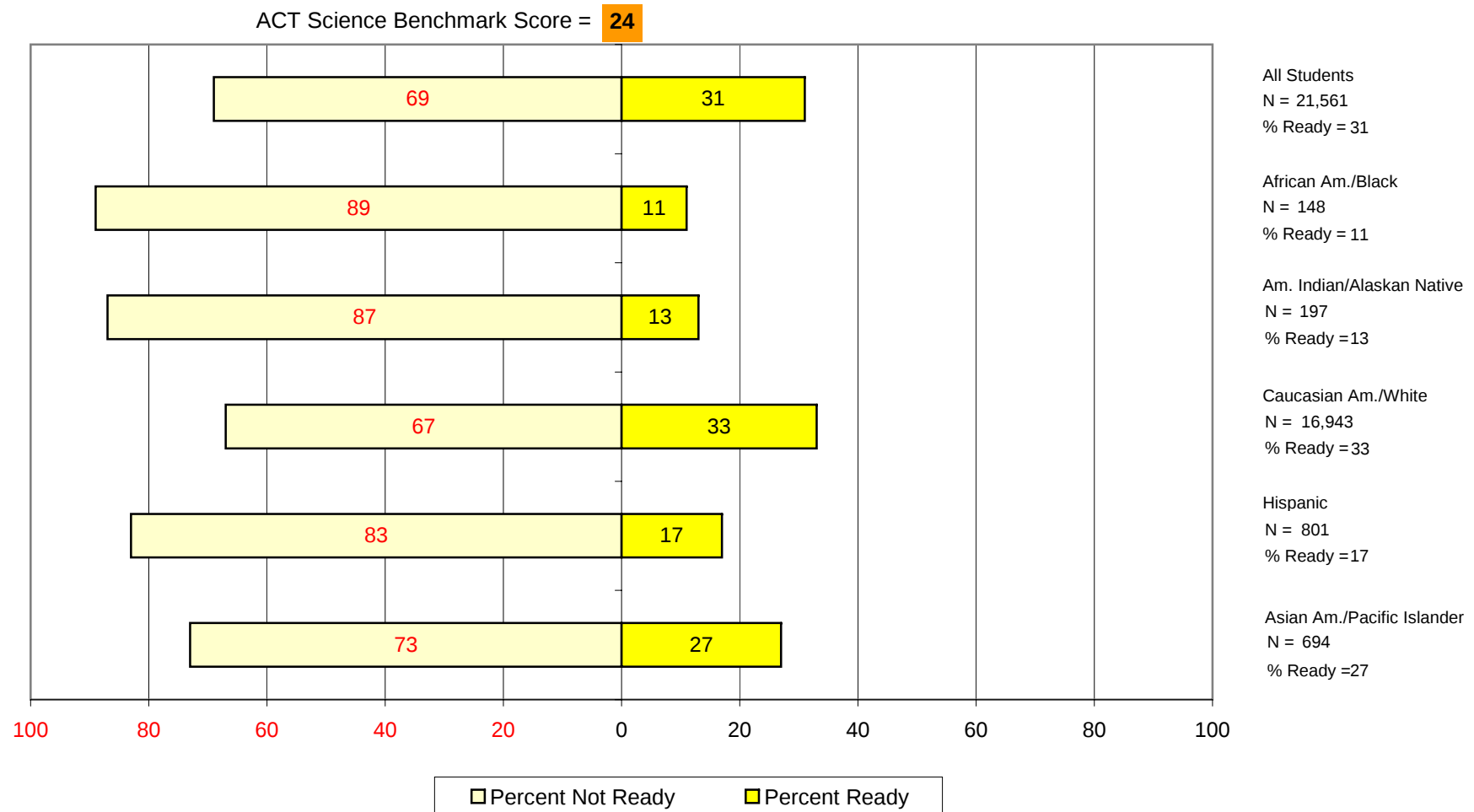


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

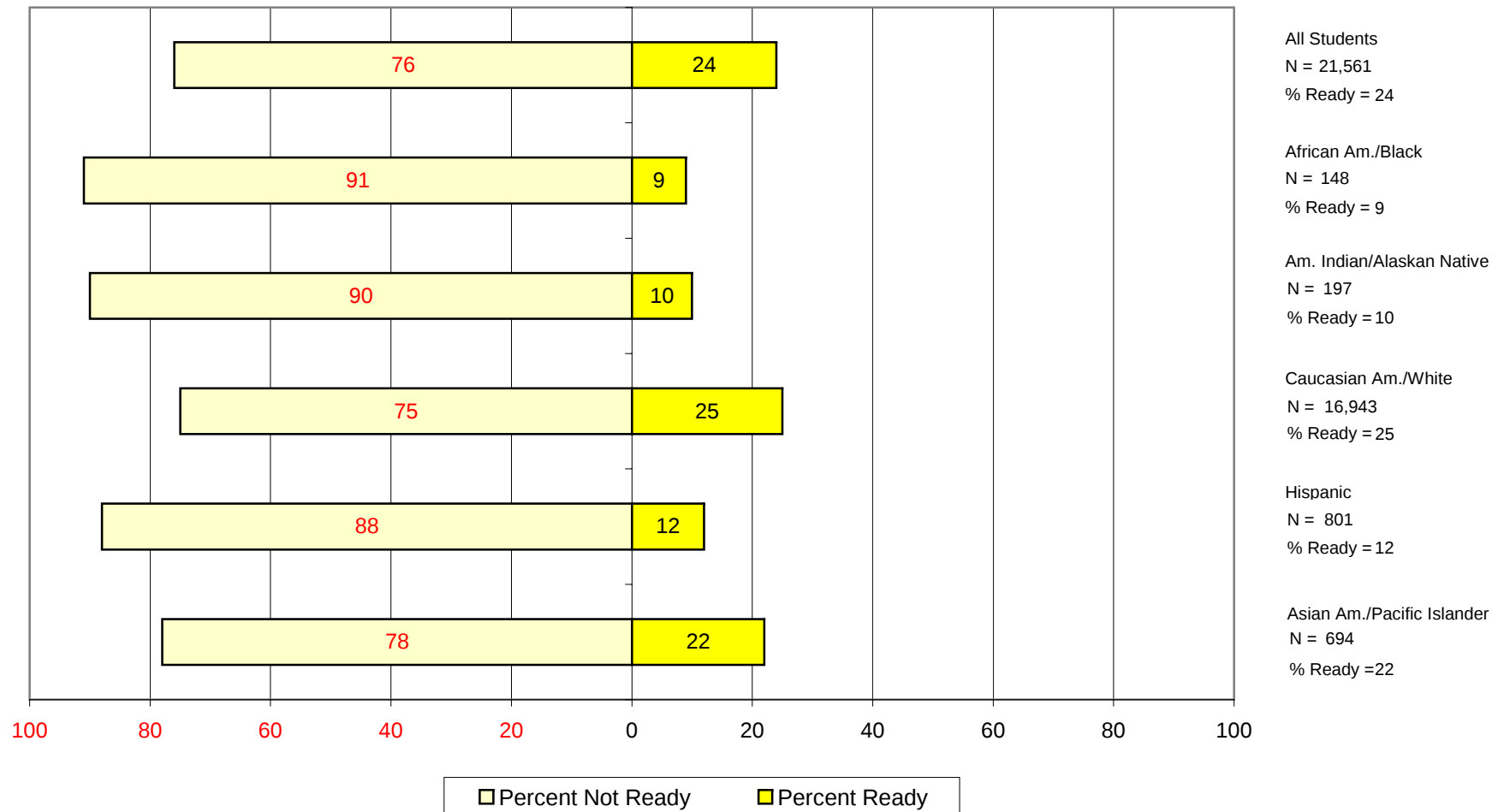


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added 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	3,228	15	22.0	1.9	1,249	13	21.6	1.8	1,879	17	22.4	2.0
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	13,183	61	21.3	1.2	5,959	62	20.8	1.0	6,800	62	21.8	1.4
Less than 4 years of English	2,336	11	20.1	-	1,087	11	19.8	-	1,129	10	20.4	-
No English course/grade information reported	2,814	13	20.7	-	1,332	14	20.1	-	1,143	10	21.3	-
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	1,135	5	24.6	6.6	585	6	25.3	6.5	519	5	23.8	6.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,336	6	22.3	4.3	476	5	22.8	4.0	820	7	21.9	4.7
Alg 1, Alg 2, Geom, & Trig	1,058	5	20.4	2.4	465	5	21.1	2.3	545	5	19.8	2.6
Alg 1, Alg 2, Geom, & Other Adv Math	2,813	13	20.4	2.4	1,084	11	21.0	2.2	1,647	15	20.1	2.9
Other comb of 4 or more years of Math	5,597	26	23.8	5.8	2,736	28	24.8	6.0	2,743	25	22.9	5.7
Alg 1, Alg 2, & Geom (Min. Core)	3,714	17	18.0	0.0	1,489	15	18.6	-0.2	2,059	19	17.6	0.4
Other comb of 3 or 3.5 years of Math	944	4	21.1	3.1	483	5	21.7	2.9	432	4	20.5	3.3
Less than 3 years of Math	1,967	9	18.0	-	884	9	18.8	-	970	9	17.2	-
No Math course/grade information reported	2,997	14	20.5	-	1,425	15	21.1	-	1,216	11	19.8	-
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	314	1	22.1	0.7	167	2	22.0	0.8	133	1	22.3	0.6
Other comb of 4 or more years Social Science	8,333	39	23.0	1.6	3,206	33	23.0	1.8	4,885	45	23.0	1.3
US Hist, World Hist, & Am Gov (Min. Core)	763	4	20.9	-0.5	421	4	20.9	-0.3	309	3	21.1	-0.6
Other comb of 3 or 3.5 years of Social Science	6,256	29	22.4	1.0	2,916	30	22.2	1.0	3,117	28	22.7	1.0
Less than 3 years of Social Science	2,863	13	21.4	-	1,470	15	21.2	-	1,281	12	21.7	-
No Soc Sci course/grade information reported	3,032	14	21.9	-	1,447	15	21.5	-	1,226	11	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	4,283	20	22.7	2.2	2,067	21	23.5	2.4	2,106	19	21.9	1.8
Bio, Chem, Phys	1,440	7	23.8	3.3	753	8	24.7	3.6	643	6	22.9	2.8
Gen Sci ² , Bio, Chem (Min. Core)	5,125	24	21.5	1.0	1,895	20	21.9	0.8	3,059	28	21.2	1.1
Other comb of 3 years of Natural Science	2,111	10	21.8	1.3	1,185	12	22.3	1.2	868	8	21.1	1.0
Less than 3 years of Natural Science	5,483	25	20.5	-	2,240	23	21.1	-	3,006	27	20.1	-
No Nat Sci course/grade information reported	3,119	14	21.1	-	1,487	15	21.6	-	1,269	12	20.6	-

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	3,228	15	22.0	78	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	13,183	61	21.3	74	668,226	55	20.4	67
Less than 4 years of English	2,336	11	20.1	68	115,551	10	19.4	62
No English course/grade information reported	2,814	13	20.7	70	150,124	12	20.3	67
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,135	5	24.6	76	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,336	6	22.3	58	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	1,058	5	20.4	36	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	2,813	13	20.4	37	153,394	13	20.3	37
Other comb of 4 or more years of Math	5,597	26	23.8	68	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	3,714	17	18.0	14	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	944	4	21.1	45	54,965	5	20.6	40
Less than 3 years of Math	1,967	9	18.0	17	131,567	11	17.9	18
No Math course/grade information reported	2,997	14	20.5	38	158,635	13	20.8	42
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	314	1	22.1	59	31,335	3	22.7	60
Other comb of 4 or more years Social Science	8,333	39	23.0	65	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	763	4	20.9	49	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	6,256	29	22.4	61	325,879	27	21.3	52
Less than 3 years of Social Science	2,863	13	21.4	52	179,270	15	20.5	46
No Soc Sci course/grade information reported	3,032	14	21.9	57	158,406	13	21.2	52
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	4,283	20	22.7	40	320,821	27	22.3	38
Bio, Chem, Phys	1,440	7	23.8	52	115,519	10	23.2	45
Gen Sci ¹ , Bio, Chem (Min. Core)	5,125	24	21.5	29	339,689	28	20.2	19
Other comb of 3 years of Natural Science	2,111	10	21.8	33	32,330	3	20.5	24
Less than 3 years of Natural Science	5,483	25	20.5	22	234,307	19	19.1	14
No Nat Sci course/grade information reported	3,119	14	21.1	27	163,789	14	20.7	26

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	190	1	19.4	27	2	17.3	156	1	19.7
Architecture & Environmental Design	429	2	21.4	26	2	18.0	397	2	21.6
Business & Management	1,129	5	21.4	54	5	17.6	1,055	6	21.6
Business & Office	133	1	20.5	17	2	18.7	111	1	20.9
Marketing & Distribution	103	0	21.0	6	1	18.0	95	1	21.2
Communications & Comm. Technologies	289	1	22.3	12	1	18.5	271	2	22.5
Community & Personal Services	316	1	19.1	53	5	17.5	248	1	19.5
Computer & Information Sciences	410	2	22.7	12	1	19.3	383	2	22.9
Cross-Disciplinary Studies	9	0	22.8	0	0	.	9	0	22.8
Education	678	3	22.0	19	2	18.7	640	4	22.2
Teacher Education	426	2	20.8	15	1	18.8	403	2	20.9
Engineering	511	2	23.5	19	2	16.1	475	3	23.9
Engineering-Related Technologies	471	2	23.0	20	2	17.9	440	3	23.3
Foreign Languages	101	0	22.9	7	1	18.1	92	1	23.3
Health Sciences & Allied Health Fields	3,282	15	21.3	193	17	18.6	2,995	18	21.6
Human, Family & Consumer Science	220	1	20.5	30	3	19.2	176	1	21.0
Letters	137	1	24.5	7	1	22.0	124	1	24.9
Mathematics	82	0	25.5	0	0	.	82	0	25.5
Philosophy, Religion & Theology	40	0	22.1	1	0	18.0	38	0	22.0
Sciences (Biological & Physical)	676	3	24.2	19	2	20.2	640	4	24.4
Social Sciences	944	4	22.6	15	1	18.8	900	5	22.7
Trade & Industrial	261	1	19.1	74	7	17.6	174	1	19.8
Visual & Performing Arts	1,318	6	21.9	92	8	18.7	1,162	7	22.2
Undecided	2,549	12	21.7	180	16	18.6	2,212	13	22.1
No Response	6,857	32	21.4	219	20	18.0	3,609	21	21.4

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/ 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	202	17.6	1	12.0	5	14.6	168	17.8	9	16.3	1	13.0	18	17.3
2-yr College Degree	915	18.4	4	16.8	17	15.8	705	18.8	39	16.3	27	16.9	123	17.6
Bachelors Degree	8,156	20.8	58	16.4	74	18.6	6,777	21.1	255	18.8	201	19.0	791	20.2
Graduate Study	3,798	23.0	24	18.9	25	19.5	3,110	23.2	111	20.9	118	22.2	410	22.5
Prof. Level Degree	4,933	23.0	44	21.1	41	18.6	3,688	23.4	285	19.9	244	21.8	631	22.6
Other	383	19.2	1	17.0	5	17.2	287	19.4	14	17.5	12	18.8	64	18.6
No Response	3,174	21.6	16	16.6	30	17.8	2,208	21.9	88	18.8	91	21.4	741	21.5

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 UTAH	Utah	10,109	3,466	6,643	1	5	22	33	26	12	1
UTAH STATE UNIVERSITY	Utah	8,745	2,240	6,505	0	5	23	34	25	11	1
BRIGHAM YOUNG UNIVERSITY	Utah	6,934	3,227	3,707	0	3	16	31	31	17	2
WEBER STATE UNIVERSITY	Utah	5,158	1,470	3,688	1	7	29	35	21	7	1
UTAH VALLEY STATE COLLEGE	Utah	4,992	1,272	3,720	1	8	31	35	19	6	0
SOUTHERN UTAH UNIVERSITY	Utah	4,376	935	3,441	1	6	29	35	22	7	0
DIXIE STATE COLLEGE OF UTAH	Utah	3,795	953	2,842	1	10	37	35	14	3	0
SALT LAKE COMMUNITY COLLEGE	Utah	3,163	850	2,313	2	12	36	32	16	3	0
SNOW COLLEGE	Utah	3,066	700	2,366	1	10	34	34	16	4	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	1,860	352	1,508	0	3	17	34	31	14	1
WESTMINSTER COLLEGE	Utah	1,570	244	1,326	1	5	21	32	27	12	1
COLLEGE OF EASTERN UTAH	Utah	531	174	357	2	13	34	32	17	2	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	477	77	400	0	5	20	33	29	13	1
LDS BUSINESS COLLEGE	Utah	409	61	348	2	9	32	34	18	6	0
STANFORD UNIVERSITY	California	320	49	271	0	1	6	15	25	41	12
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	274	56	218	0	7	25	33	22	12	1
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	225	87	138	1	6	26	36	20	10	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	220	36	184	1	8	17	22	28	21	3
PROVO COLLEGE	Utah	210	13	197	4	17	44	26	8	2	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	184	28	156	0	5	22	28	23	20	2
UNIVERSITY OF WASHINGTON	Washington	179	38	141	1	2	12	26	37	19	3
HARVARD COLLEGE	Massachusetts	169	16	153	0	1	8	11	26	38	15
SAN DIEGO STATE UNIVERSITY	California	147	22	125	1	6	24	35	28	5	1
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	145	24	121	1	10	37	32	17	3	0
NEW YORK UNIVERSITY	New York	143	26	117	1	1	15	29	29	22	3
SOUTHERN VIRGINIA UNIVERSITY	Virginia	140	22	118	0	3	19	31	36	9	2
UNIVERSITY OF ARIZONA	Arizona	131	11	120	0	5	19	33	28	14	2
COLORADO STATE UNIVERSITY	Colorado	129	21	108	0	9	22	29	28	10	1
UNIVERSITY OF CALIFORNIA-BERKELEY	California	104	17	87	1	4	19	23	28	21	4
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Massachusetts	100	18	82	0	0	1	4	27	44	24
All Other Institutions		6,622	1,251	5,371	1	7	20	28	25	16	3
Total		64,627	17,756	46,871	1	6	25	33	23	11	1

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	3,589	430,404	22.8	22.4	7.7	7.7	22.2	22.0
African Am./Black	35	38,583	20.2	17.5	7.1	6.8	19.8	17.6
Am. Indian/Alaskan Native	32	2,803	19.7	19.8	7.5	7.1	19.8	19.6
Caucasian Am./White	2,654	269,428	23.1	23.4	7.7	7.8	22.6	22.8
Hispanic	142	33,207	19.0	18.9	7.4	7.4	19.2	19.1
Asian Am./Pacific Islander	157	21,275	22.6	23.0	7.9	8.0	22.3	22.8
Other/No Response	569	65,108	22.3	22.8	7.5	7.9	21.8	22.5
Males	1,493	170,904	22.5	22.1	7.5	7.4	21.9	21.5
Females	1,925	240,056	23.1	22.6	7.8	7.9	22.6	22.3
Missing	171	19,444	21.1	22.1	7.2	7.8	20.6	21.9

