

ACT High School Profile Report

The Graduating Class of 2007
California



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California

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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

27% 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. 61,830 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. 50% 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, 46% were college ready. 13% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 19% of these students were college ready. In comparison, 64% 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 20% of the cohort took less than three years of natural science courses. 23% of these students were college ready. In comparison, 33% 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 34% 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.

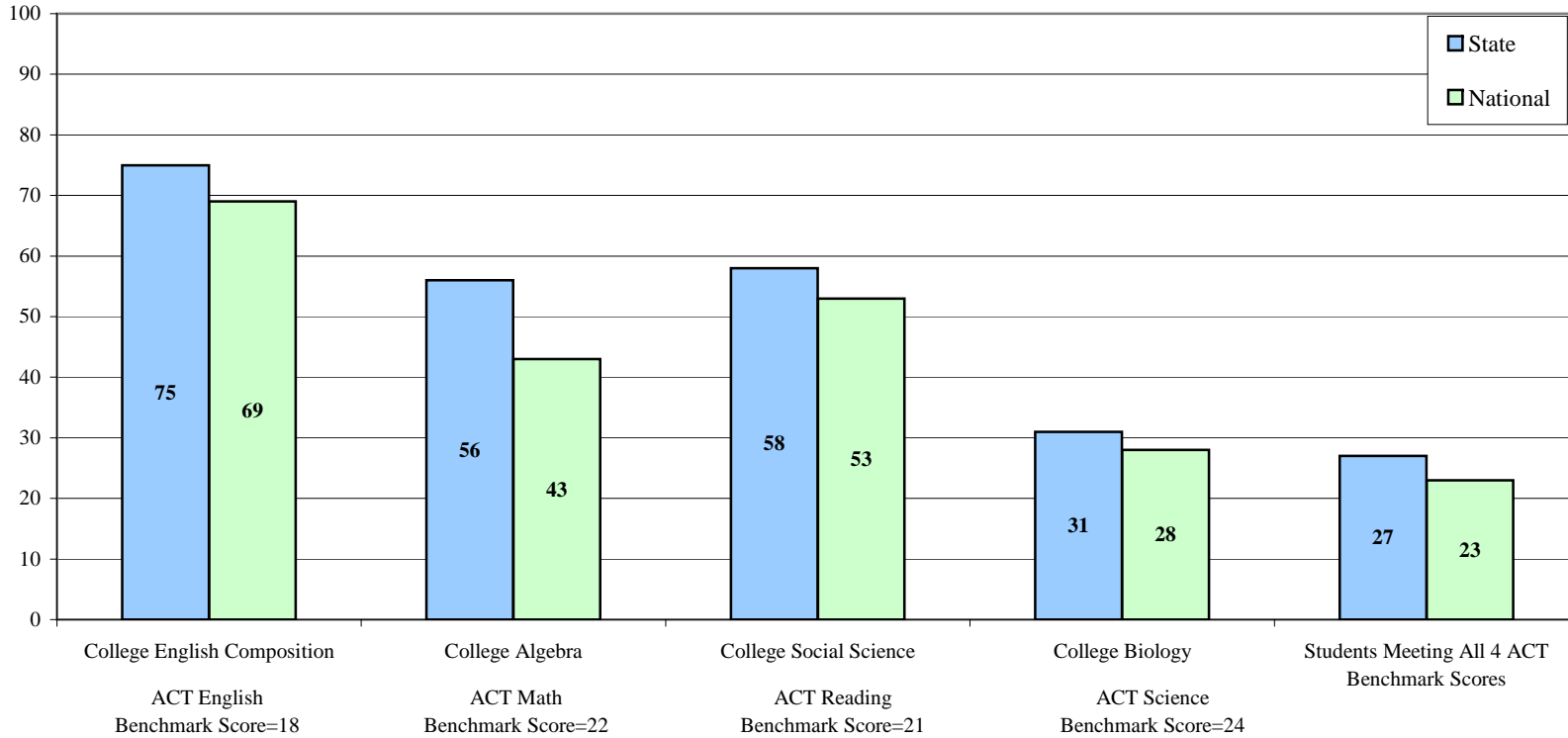
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	48,610	1,175,059	71	67	52	40	55	52	27	26	23	20
2004	50,271	1,171,460	71	68	52	40	54	52	28	26	24	21
2005	51,600	1,186,251	71	68	51	41	55	51	28	26	24	21
2006	55,733	1,206,455	71	69	53	42	56	53	28	27	24	21
2007	61,830	1,300,599	75	69	56	43	58	53	31	28	27	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	48,610	1,175,059	20.9	20.3	22.0	20.6	21.7	21.2	20.8	20.8	21.5	20.8
2004	50,271	1,171,460	21.1	20.4	22.1	20.7	21.7	21.3	20.9	20.9	21.6	20.9
2005	51,600	1,186,251	21.1	20.4	22.1	20.7	21.8	21.3	20.9	20.9	21.6	20.9
2006	55,733	1,206,455	21.1	20.6	22.2	20.8	21.8	21.4	20.8	20.9	21.6	21.1
2007	61,830	1,300,599	21.6	20.7	22.6	21.0	22.2	21.5	21.2	21.0	22.1	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	27,334	15,426	56	32	21.5	19.6	22.7	20.5	22.2	20.6	21.3	19.7	22.1	20.2
2004	27,822	16,026	55	32	21.5	19.9	22.7	20.9	22.0	20.8	21.3	20.0	22.0	20.5
2005	27,933	16,251	54	31	21.6	20.1	22.7	20.9	22.2	20.9	21.3	20.0	22.1	20.6
2006	27,967	17,393	50	31	21.7	20.4	22.8	21.4	22.3	21.3	21.3	20.2	22.2	21.0
2007	30,804	19,661	50	32	21.9	20.7	23.1	21.6	22.5	21.4	21.6	20.4	22.4	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	48,610	100	21.5	50,271	100	21.6	51,600	100	21.6	55,733	100	21.6	61,830	100	22.1
African American/Black	4,003	8	17.7	4,069	8	17.9	4,232	8	17.8	3,986	7	17.8	4,044	7	18.0
American Indian/Alaska Native	257	1	20.5	276	1	20.7	268	1	21.5	268	0	21.2	324	1	21.4
Caucasian American/White	18,189	37	23.4	17,811	35	23.6	17,902	35	23.7	17,647	32	23.8	19,050	31	23.9
Hispanic	10,682	22	18.6	11,535	23	18.7	11,998	23	18.7	12,320	22	18.5	13,013	21	18.8
Asian American/Pacific Islander	7,295	15	22.0	7,197	14	22.1	7,162	14	22.3	7,028	13	22.7	7,433	12	23.0
Other/No Response	8,184	17	22.5	9,383	19	22.5	10,038	19	22.4	14,484	26	22.1	17,966	29	23.0

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	102	100	245	100	355	100	233	100	20	100	36
35	594	100	777	100	770	99	544	100	173	100	35
34	1,064	99	896	98	1,116	98	133	99	366	100	34
33	873	97	804	97	1,280	96	655	99	663	99	33
32	896	96	1,229	96	1,617	94	612	97	869	98	32
31	1,320	94	1,620	94	1,911	92	501	96	1,283	97	31
30	1,535	92	1,555	91	1,951	89	1,122	96	1,669	95	30
29	1,947	90	2,444	88	2,064	85	1,107	94	2,078	92	29
28	2,407	87	2,576	85	2,911	82	1,152	92	2,587	88	28
27	2,410	83	3,111	80	2,756	77	2,017	90	3,086	84	27
26	2,929	79	3,852	75	2,556	73	2,957	87	3,556	79	26
25	4,142	74	4,432	69	2,641	69	3,802	82	3,898	74	25
24	3,150	67	4,322	62	3,642	65	4,477	76	4,099	67	24
23	3,503	62	3,368	55	4,254	59	4,293	69	4,313	61	23
22	4,244	57	3,333	49	2,722	52	5,728	62	4,306	54	22
21	4,321	50	3,273	44	3,300	47	4,715	53	4,336	47	21
20	4,539	43	3,146	39	4,047	42	5,624	45	4,193	40	20
19	3,552	35	3,279	34	3,550	35	4,514	36	3,777	33	19
18	2,577	30	3,612	28	2,519	30	4,446	29	3,567	27	18
17	2,327	25	4,102	23	2,899	26	3,579	21	3,327	21	17
16	2,960	22	4,894	16	3,408	21	2,121	16	2,929	16	16
15	2,710	17	2,813	8	2,208	15	1,852	12	2,437	11	15
14	2,040	12	1,437	3	2,348	12	1,613	9	1,903	7	14
13	1,337	9	437	1	2,019	8	1,243	7	1,272	4	13
12	1,145	7	189	1	1,618	5	967	5	706	2	12
11	967	5	51	1	646	2	744	3	286	1	11
10	837	4	18	1	418	1	662	2	97	1	10
9	488	2	7	1	145	1	213	1	26	1	9
8	564	1	5	1	63	1	101	1	5	1	8
7	228	1	0	1	52	1	69	1	2	1	7
6	89	1	1	1	21	1	16	1	1	1	6
5	20	1	0	1	14	1	7	1	0	1	5
4	8	1	2	1	4	1	8	1	0	1	4
3	3	1	0	1	1	1	2	1	0	1	3
2	2	1	0	1	1	1	1	1	0	1	2
1	0	1	0	1	3	1	0	1	0	1	1
Avg (SD)	21.6 (6.1)		22.6 (5.4)		22.2 (6.2)		21.2 (5.1)		22.1 (5.1)		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	1,975	100	454	100	1,292	100	2,424	100	2,798	100	1,130	100	1,030	100	18
17	4,085	97	1,171	99	3,948	98	3,971	96	4,297	95	1,157	98	977	98	17
16	2,871	90	3,264	97	3,775	92	4,950	90	4,682	89	2,796	96	2,585	97	16
15	3,034	86	4,680	92	3,722	85	5,366	82	4,844	81	4,056	92	5,054	93	15
14	5,533	81	5,107	85	4,718	79	4,581	73	5,697	73	6,038	85	6,318	84	14
13	4,487	72	5,580	76	4,156	72	5,305	66	6,376	64	8,440	75	6,840	74	13
12	5,561	64	6,995	67	7,258	65	5,224	57	5,697	54	6,381	62	7,187	63	12
11	5,424	55	8,718	56	6,368	53	4,813	49	4,696	44	7,168	51	7,043	51	11
10	6,614	47	6,704	42	5,489	43	5,606	41	5,975	37	8,974	40	7,187	40	10
9	5,106	36	5,630	31	5,024	34	4,344	32	3,695	27	6,501	25	7,333	28	9
8	5,140	28	5,525	22	6,497	26	3,878	25	4,931	21	3,900	15	3,794	17	8
7	3,762	19	3,175	13	3,369	15	3,535	18	5,508	13	2,203	9	2,961	10	7
6	2,856	13	1,995	8	2,641	10	4,015	13	1,788	4	1,244	5	1,066	6	6
5	2,631	9	1,469	5	1,617	6	2,044	6	516	1	1,109	3	1,023	4	5
4	1,482	4	983	2	1,156	3	1,354	3	234	1	118	1	648	2	4
3	890	2	299	1	531	1	306	1	70	1	519	1	518	1	3
2	310	1	73	1	212	1	104	1	21	1	3	1	94	1	2
1	69	1	8	1	57	1	10	1	5	1	93	1	172	1	1
Avg (SD)	11.0 (3.8)		11.0 (3.1)		11.2 (3.6)		11.5 (3.8)		12.0 (3.5)		11.4 (3.0)		11.3 (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)	26	26	27	24	26
Q2 (50th Percentile)	22	23	22	21	22
Q1 (25th Percentile)	17	18	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	61,830	50	22.4	21.2
	African Am./Black	4,044	51	18.5	17.4
	Am. Indian/Alaska Native	324	52	21.9	20.8
	Caucasian Am./White	19,050	51	24.4	23.1
	Hispanic	13,013	54	19.3	18.2
	Asian Am./Pacific Islander	7,433	58	23.2	22.3
	Other/No Response	17,966	41	23.4	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	22.6	22.2	21.2	22.1
	African Am./Black	17.3	18.3	18.2	17.6	18.0
	Am. Indian/Alaska Native	20.9	21.6	22.0	20.9	21.4
	Caucasian Am./White	23.8	24.0	24.3	22.8	23.9
	Hispanic	17.9	19.6	18.9	18.5	18.8
	Asian Am./Pacific Islander	22.2	24.6	22.5	22.3	23.0
	Other/No Response	22.7	23.5	23.3	22.0	23.0
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	2,633	4	2,722	4	3,521	6	1,565	3
	28 to 32	8,105	13	9,424	15	10,454	17	4,494	7
	24 to 27	12,631	20	15,717	25	11,595	19	13,253	21
	20 to 23	16,607	27	13,120	21	14,323	23	20,360	33
	16 to 19	11,416	18	15,887	26	12,376	20	14,660	24
	13 to 15	6,087	10	4,687	8	6,575	11	4,708	8
	01 to 12	4,351	7	273	0	2,986	5	2,790	5
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	21,307	34	21.4	23.6	22.2	22.0	22.4
	Females	32,884	53	21.5	21.8	22.1	20.6	21.6
	Missing	7,639	12	22.7	23.5	23.2	22.0	23.0
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	73	63	57	37	33
	Females	73	50	57	26	23
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

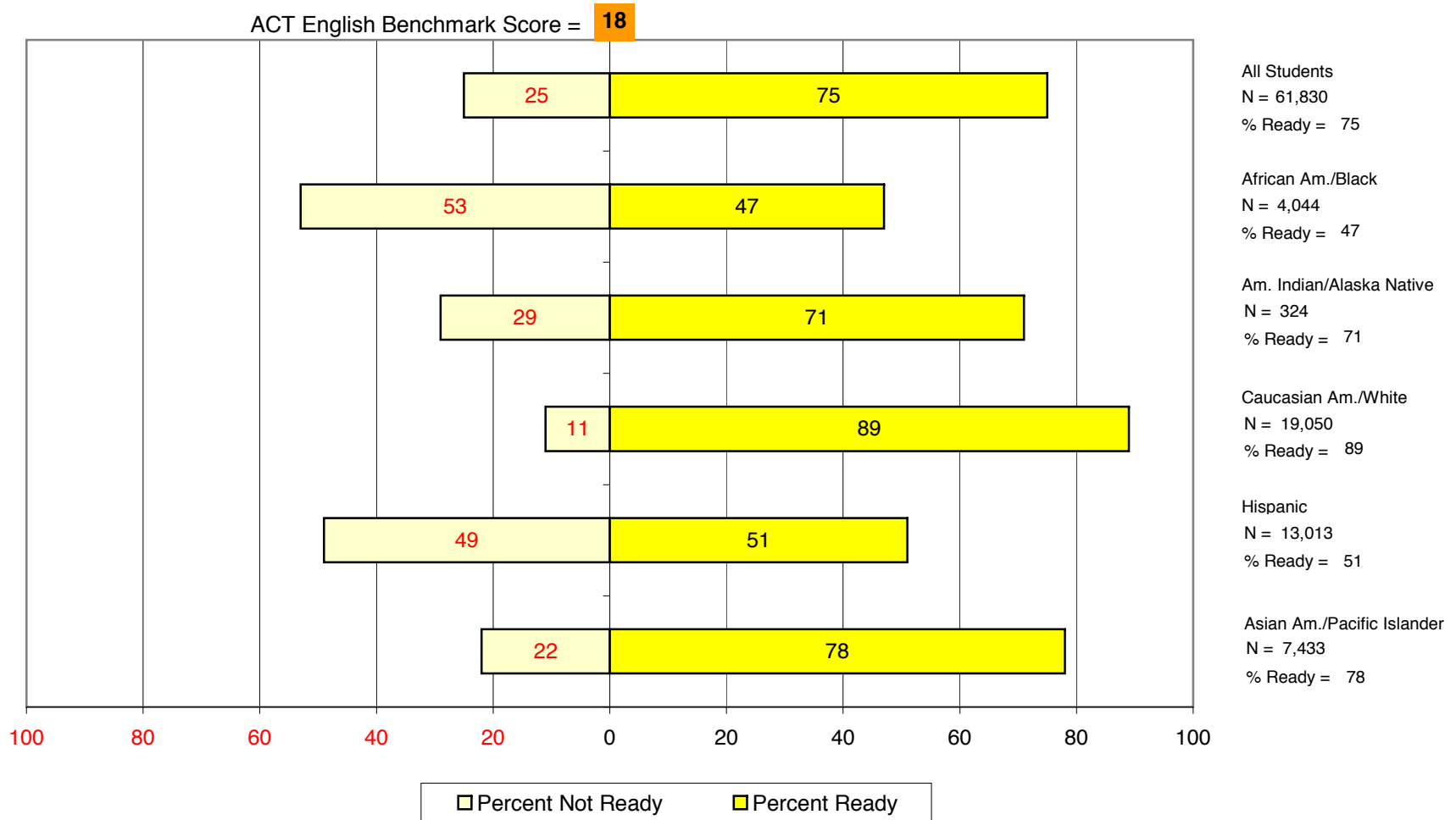


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

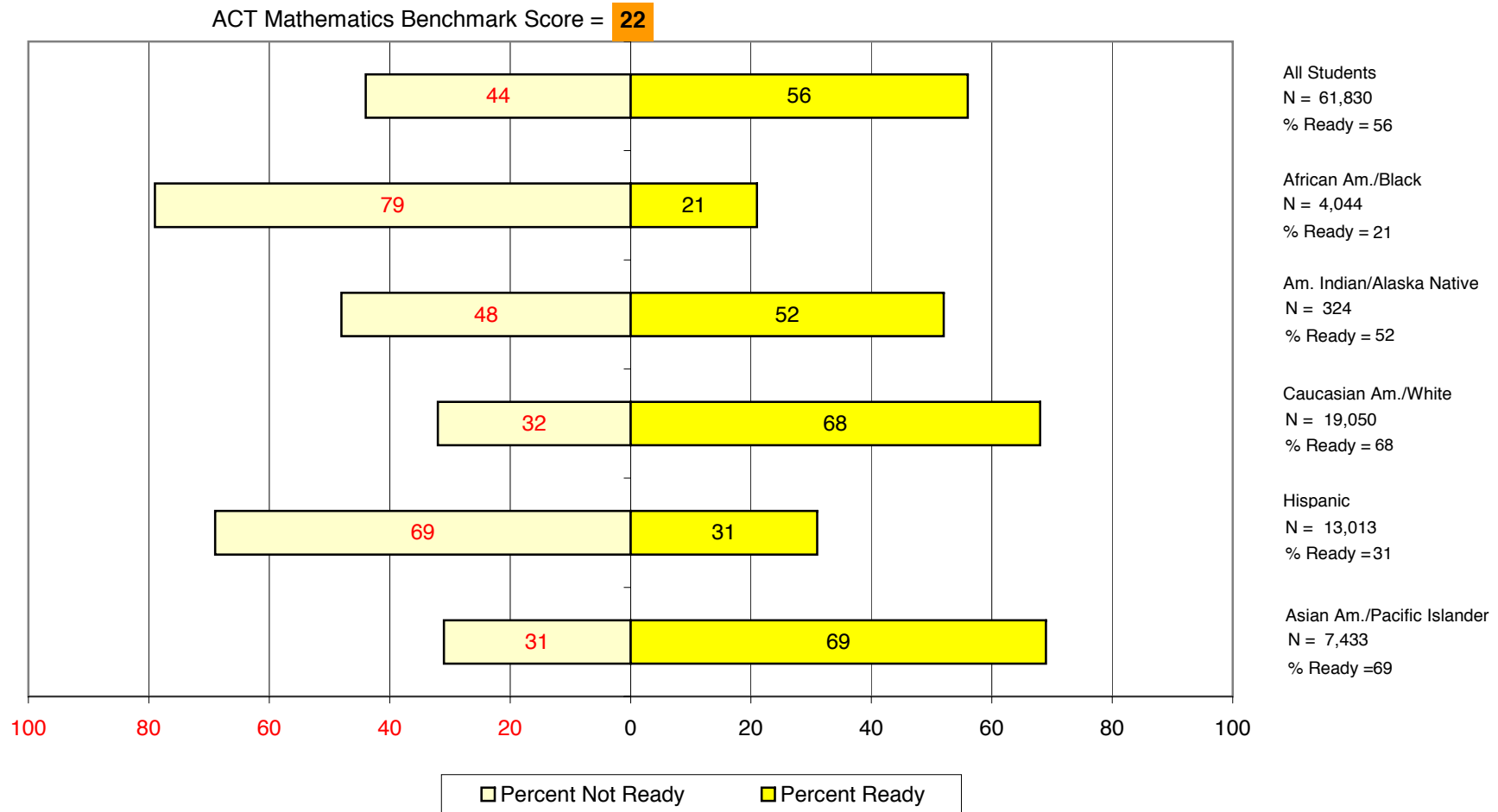


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

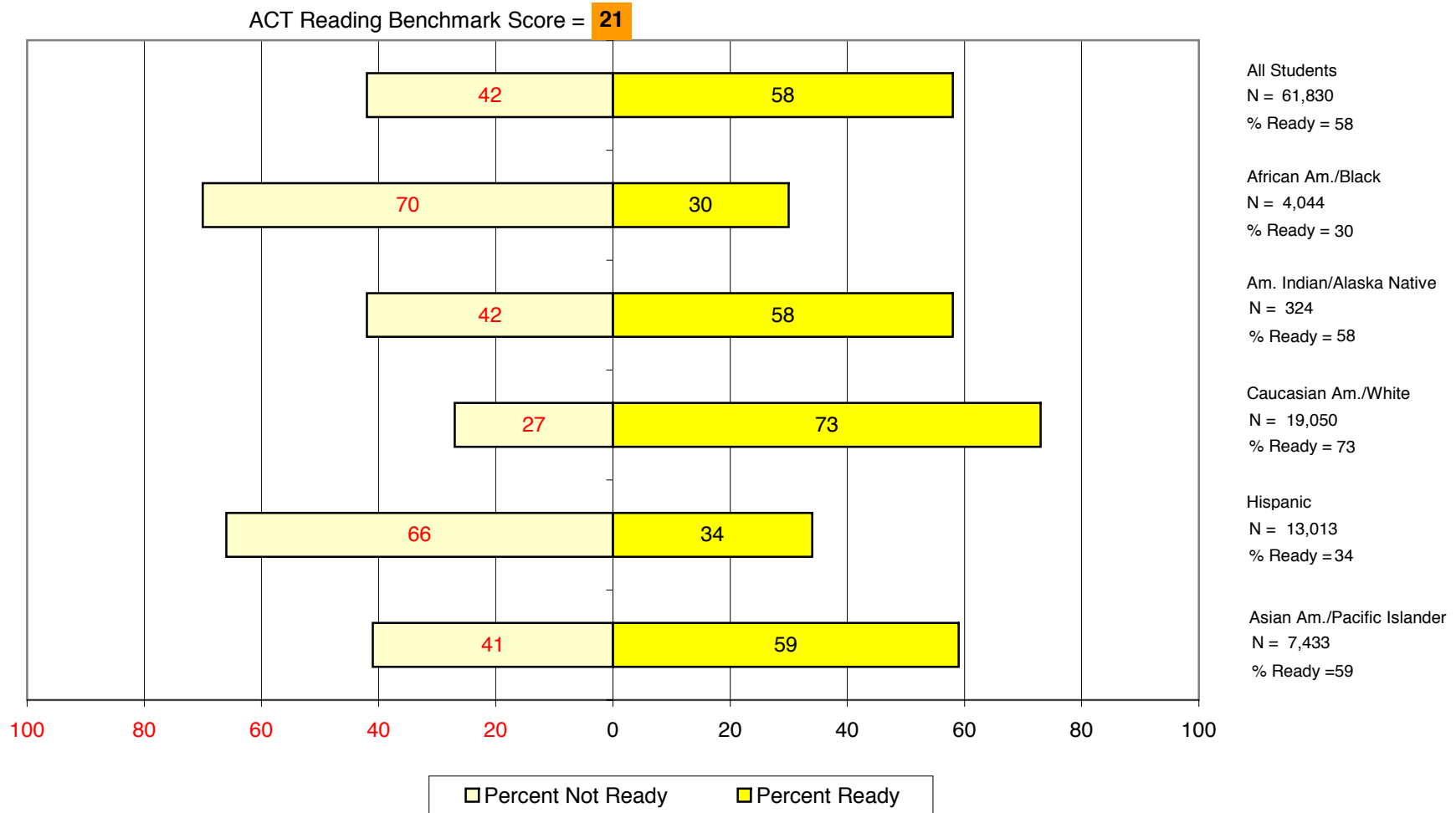


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

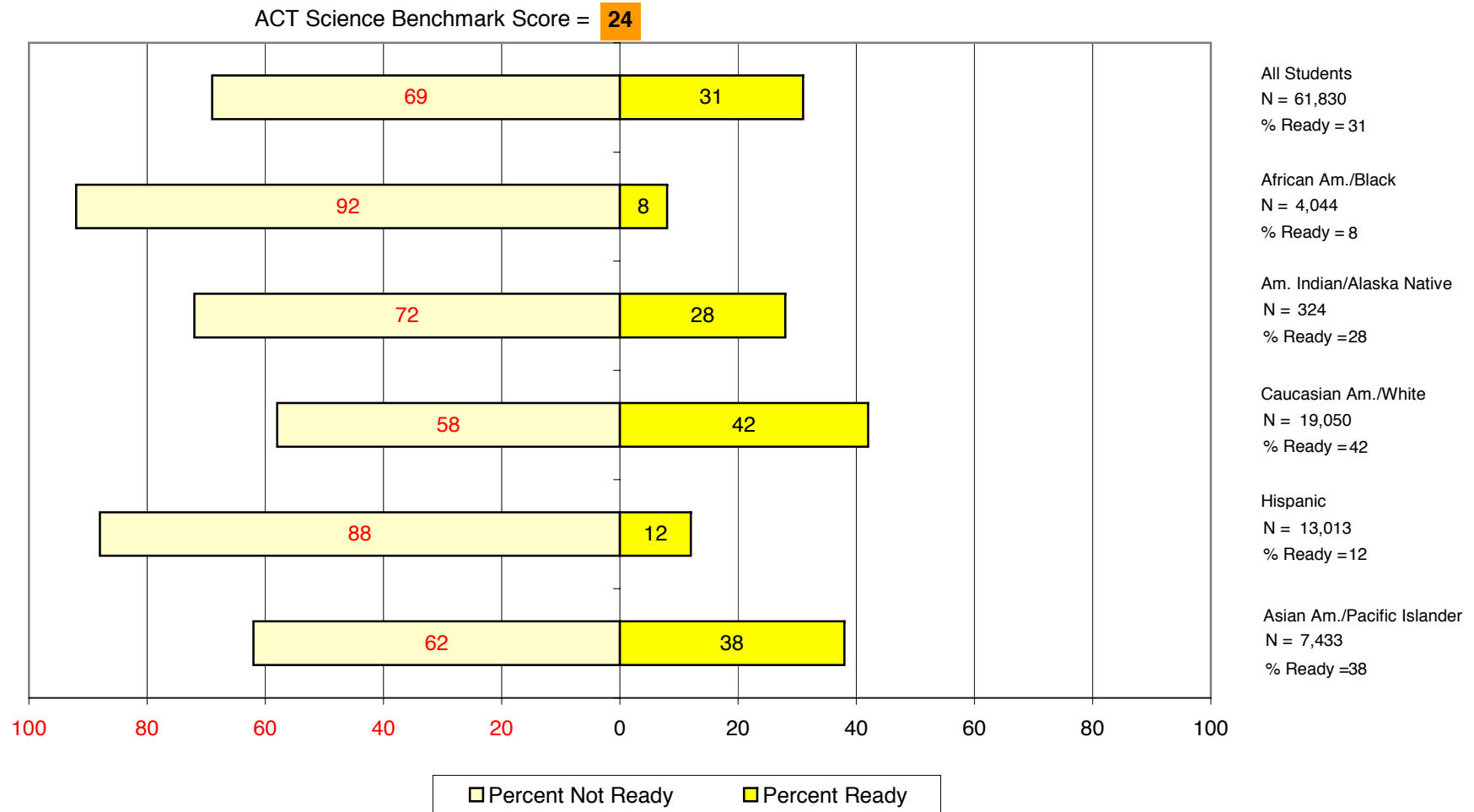


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

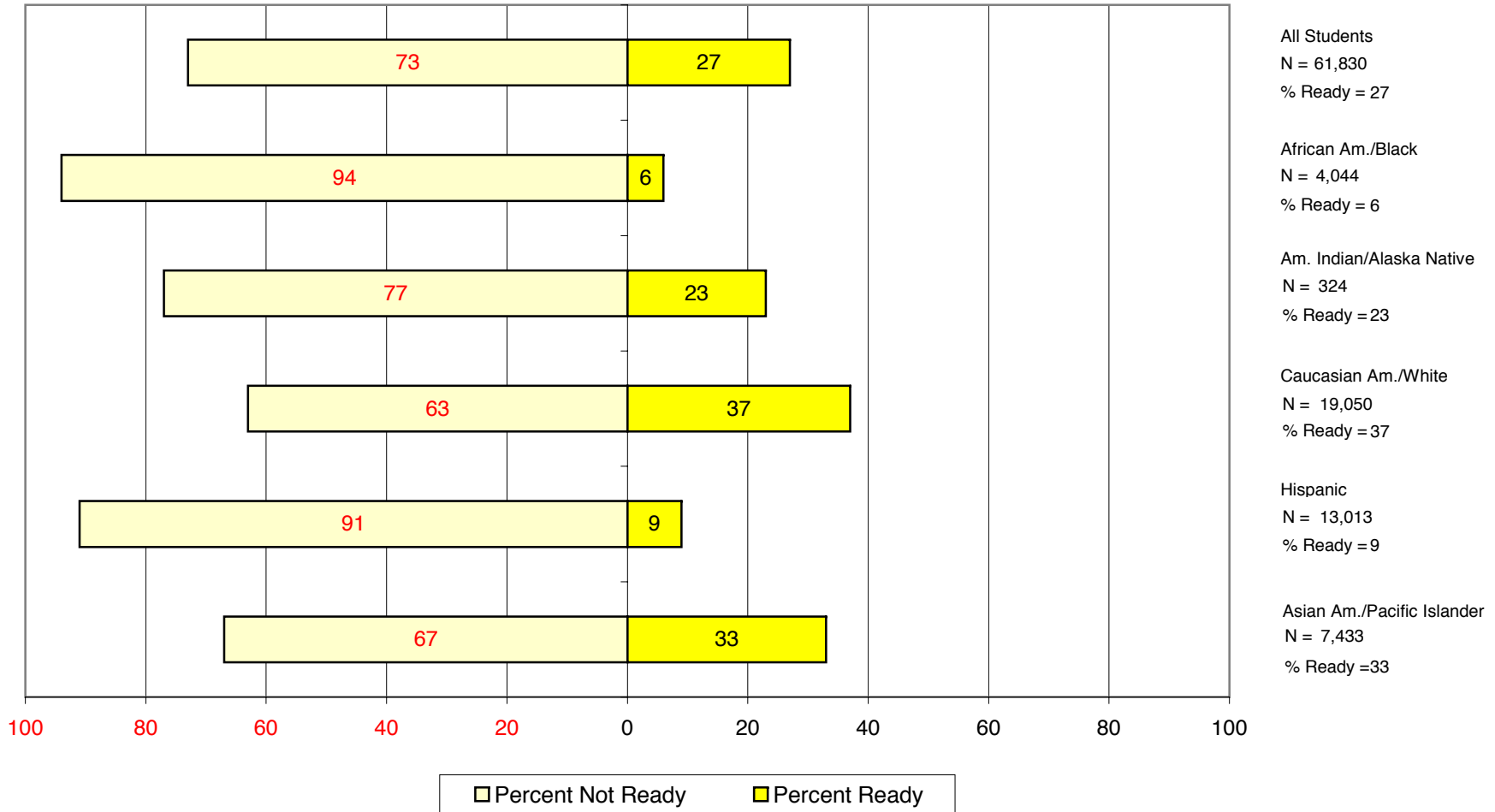


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	3,784	6	22.2	1.2	1,239	6	21.9	1.0	2,188	7	22.2	1.3
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	38,355	62	21.4	0.4	13,280	62	21.3	0.4	21,746	66	21.3	0.4
Less than 4 years of English	7,990	13	21.0	-	2,856	13	20.9	-	4,158	13	20.9	-
No English course/grade information reported	11,701	19	22.4	-	3,932	18	21.7	-	4,792	15	22.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	5,885	10	25.5	4.1	2,239	11	26.6	4.3	3,133	10	24.5	3.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,994	6	23.3	1.9	1,197	6	24.3	2.0	2,379	7	22.7	2.0
Alg 1, Alg 2, Geom, & Trig	5,113	8	21.0	-0.4	1,636	8	21.8	-0.5	3,015	9	20.5	-0.2
Alg 1, Alg 2, Geom, & Other Adv Math	6,819	11	21.3	-0.1	2,155	10	22.1	-0.2	4,025	12	20.7	0.0
Other comb of 4 or more years of Math	11,456	19	25.6	4.2	4,506	21	26.7	4.4	5,995	18	24.7	4.0
Alg 1, Alg 2, & Geom (Min. Core)	8,035	13	18.2	-3.2	2,520	12	18.8	-3.5	4,852	15	17.8	-2.9
Other comb of 3 or 3.5 years of Math	2,420	4	22.6	1.2	921	4	23.7	1.4	1,306	4	21.7	1.0
Less than 3 years of Math	5,722	9	21.4	-	1,995	9	22.3	-	3,057	9	20.7	-
No Math course/grade information reported	12,386	20	23.2	-	4,138	19	23.7	-	5,122	16	22.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	824	1	23.4	1.6	319	1	23.3	1.4	434	1	23.4	1.8
Other comb of 4 or more years Social Science	19,646	32	22.6	0.8	6,236	29	22.6	0.7	11,657	35	22.5	0.9
US Hist, World Hist, & Am Gov (Min. Core)	2,148	3	20.6	-1.2	849	4	20.7	-1.2	1,127	3	20.3	-1.3
Other comb of 3 or 3.5 years of Social Science	17,344	28	21.8	0.0	6,211	29	21.8	-0.1	9,681	29	21.6	0.0
Less than 3 years of Social Science	9,577	15	21.8	-	3,554	17	21.9	-	4,919	15	21.6	-
No Soc Sci course/grade information reported	12,291	20	22.8	-	4,138	19	22.3	-	5,066	15	22.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	13,736	22	22.0	1.9	5,296	25	22.9	2.3	7,253	22	21.3	1.6
Bio, Chem, Phys	9,824	16	22.6	2.5	3,874	18	23.7	3.1	5,147	16	21.7	2.0
Gen Sci ² , Bio, Chem (Min. Core)	11,851	19	19.9	-0.2	3,440	16	20.2	-0.4	7,348	22	19.7	0.0
Other comb of 3 years of Natural Science	1,184	2	20.5	0.4	451	2	21.3	0.7	618	2	19.7	0.0
Less than 3 years of Natural Science	12,058	20	20.1	-	3,823	18	20.6	-	7,015	21	19.7	-
No Nat Sci course/grade information reported	13,177	21	21.7	-	4,423	21	22.0	-	5,503	17	21.0	-

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	3,784	6	22.2	76	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	38,355	62	21.4	73	766,001	59	20.5	68
Less than 4 years of English	7,990	13	21.0	72	141,777	11	19.7	64
No English course/grade information reported	11,701	19	22.4	80	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	5,885	10	25.5	78	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,994	6	23.3	65	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	5,113	8	21.0	44	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	6,819	11	21.3	47	163,562	13	20.4	38
Other comb of 4 or more years of Math	11,456	19	25.6	77	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	8,035	13	18.2	19	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	2,420	4	22.6	56	57,945	4	20.9	43
Less than 3 years of Math	5,722	9	21.4	46	145,617	11	18.3	21
No Math course/grade information reported	12,386	20	23.2	60	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	824	1	23.4	66	31,985	2	22.7	61
Other comb of 4 or more years Social Science	19,646	32	22.6	61	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	2,148	3	20.6	46	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	17,344	28	21.8	54	333,689	26	21.4	52
Less than 3 years of Social Science	9,577	15	21.8	56	201,605	16	20.6	47
No Soc Sci course/grade information reported	12,291	20	22.8	63	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	13,736	22	22.0	37	333,648	26	22.4	40
Bio, Chem, Phys	9,824	16	22.6	42	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	11,851	19	19.9	21	353,348	27	20.2	20
Other comb of 3 years of Natural Science	1,184	2	20.5	26	32,593	3	20.4	24
Less than 3 years of Natural Science	12,058	20	20.1	23	247,312	19	19.1	15
No Nat Sci course/grade information reported	13,177	21	21.7	35	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	322	1	20.4	8	2	15.4	304	1	20.7
Architecture & Environmental Design	968	2	21.0	11	3	18.2	922	2	21.0
Business & Management	4,037	7	21.0	31	7	16.0	3,835	9	21.0
Business & Office	172	0	19.1	3	1	19.0	154	0	19.3
Marketing & Distribution	272	0	20.2	1	0	14.0	256	1	20.3
Communications & Comm. Technologies	1,183	2	21.7	11	3	15.5	1,118	3	21.8
Community & Personal Services	873	1	17.7	22	5	15.0	797	2	17.9
Computer & Information Sciences	585	1	22.5	10	2	18.6	561	1	22.7
Cross-Disciplinary Studies	95	0	23.0	1	0	19.0	94	0	23.0
Education	1,061	2	19.6	15	3	16.8	994	2	19.7
Teacher Education	782	1	19.7	10	2	16.0	737	2	19.8
Engineering	1,628	3	23.1	16	4	15.5	1,547	4	23.2
Engineering-Related Technologies	1,151	2	23.2	8	2	18.6	1,115	3	23.2
Foreign Languages	251	0	22.3	3	1	19.0	231	1	22.3
Health Sciences & Allied Health Fields	6,200	10	20.4	75	17	15.9	5,880	13	20.6
Human, Family & Consumer Science	318	1	18.2	15	3	16.3	285	1	18.3
Letters	361	1	24.8	2	0	22.5	344	1	24.9
Mathematics	316	1	23.9	4	1	18.8	298	1	24.0
Philosophy, Religion & Theology	184	0	22.5	1	0	12.0	172	0	22.5
Sciences (Biological & Physical)	2,949	5	23.9	6	1	16.2	2,833	6	23.9
Social Sciences	3,612	6	21.7	14	3	16.6	3,483	8	21.8
Trade & Industrial	76	0	17.9	10	2	16.3	60	0	18.3
Visual & Performing Arts	2,311	4	21.3	45	10	16.0	2,130	5	21.6
Undecided	8,189	13	21.9	61	14	16.1	7,427	17	22.0
No Response	23,934	39	23.0	51	12	17.6	8,492	19	23.1

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	79	16.4	12	15.8	1	18.0	9	19.8	35	15.2	6	17.2	16	17.4
2-yr College Degree	355	16.4	29	14.9	4	18.3	59	19.5	172	15.3	29	17.1	62	16.8
Bachelors Degree	13,130	20.5	898	16.8	87	20.6	5,108	22.3	2,832	17.7	1,348	20.6	2,857	21.1
Graduate Study	13,233	22.7	833	18.6	73	22.2	4,810	24.4	2,737	19.8	1,651	23.2	3,129	23.5
Prof. Level Degree	17,706	22.3	1,393	18.9	102	22.1	4,272	25.0	4,870	19.3	2,697	23.8	4,372	23.3
Other	1,051	18.6	127	16.1	5	14.6	206	21.6	296	16.6	143	19.0	274	19.4
No Response	16,276	22.9	752	17.5	52	21.6	4,586	24.1	2,071	18.8	1,559	24.1	7,256	23.6

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 CALIFORNIA-LOS ANGELES	California	8,642	2,434	6,208	2	8	20	26	25	17	2
UNIVERSITY OF CALIFORNIA-BERKELEY	California	6,545	2,170	4,375	1	7	17	26	26	20	4
SAN DIEGO STATE UNIVERSITY	California	6,255	1,937	4,318	2	11	31	33	19	4	0
UNIVERSITY OF CALIFORNIA-SAN DIEGO	California	6,173	1,292	4,881	1	4	16	27	31	19	2
UNIVERSITY OF CALIFORNIA-SANTA BARBARA	California	5,877	1,151	4,726	1	6	19	29	30	14	1
UNIVERSITY OF CALIFORNIA-DAVIS	California	5,820	1,574	4,246	1	6	19	30	28	14	2
CALIFORNIA STATE UNIV-LONG BEACH	California	5,563	1,430	4,133	3	16	34	30	14	3	0
UNIVERSITY OF CALIFORNIA-IRVINE	California	5,178	989	4,189	1	7	22	31	27	12	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	4,657	1,346	3,311	2	8	21	27	25	15	2
CALIFORNIA POLYTECHNIC ST U-SAN LUIS OB	California	4,522	2,065	2,457	0	3	14	31	34	17	2
CALIFORNIA STATE UNIV-FULLERTON	California	3,162	826	2,336	3	16	39	28	12	3	0
UNIVERSITY OF CALIFORNIA-SANTA CRUZ	California	3,041	549	2,492	1	6	20	32	27	12	1
UNIVERSITY OF SAN DIEGO	California	2,723	439	2,284	1	8	23	32	26	9	0
UNIVERSITY OF CALIFORNIA-RIVERSIDE	California	2,715	486	2,229	2	14	32	31	17	4	0
CALIFORNIA STATE UNIV-SACRAMENTO	California	2,526	668	1,858	3	17	35	28	13	3	0
STANFORD UNIVERSITY	California	2,518	751	1,767	1	3	11	20	27	30	8
SAN FRANCISCO STATE UNIVERSITY	California	2,504	577	1,927	3	15	34	31	14	4	0
CALIFORNIA STATE UNIV-FRESNO	California	2,266	776	1,490	4	20	38	25	10	3	0
CALIFORNIA STATE UNIV-LOS ANGELES	California	2,154	477	1,677	6	29	39	19	6	1	0
CALIFORNIA STATE UNIV-NORTHRIDGE	California	2,123	577	1,546	6	24	39	22	8	2	0
CALIFORNIA STATE UNIV-CHICO	California	2,024	556	1,468	2	12	31	34	18	4	0
SAN JOSE STATE UNIVERSITY	California	1,941	401	1,540	3	16	34	30	13	3	0
CALIFORNIA STATE POLYTECH UNIV-POMONA	California	1,813	513	1,300	2	13	32	30	17	6	0
BRIGHAM YOUNG UNIVERSITY	Utah	1,426	1,079	347	0	1	11	30	32	22	3
LOYOLA MARYMOUNT UNIVERSITY	California	1,393	393	1,000	2	8	22	32	26	10	0
UNIVERSITY OF CALIFORNIA-MERCED	California	1,330	211	1,119	3	15	32	30	15	5	1
CALIFORNIA STATE UNIV-DOMINGUEZ HILLS	California	1,252	286	966	10	34	40	13	3	0	0
PEPPERDINE UNIVERSITY	California	1,239	284	955	1	7	19	28	29	17	1
UNIVERSITY OF SAN FRANCISCO	California	1,227	204	1,023	2	8	26	34	22	8	0
SONOMA STATE UNIVERSITY	California	1,133	235	898	2	9	28	34	22	5	0
All Other Institutions		53,388	13,485	39,903	3	12	25	26	21	12	2
Total		153,130	40,161	112,969	2	11	25	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	48,941	532,943	22.1	22.3	8.1	7.6	22.2	21.8
African Am./Black	2,861	50,340	18.0	17.2	7.4	6.7	18.5	17.3
Am. Indian/Alaska Native	255	3,462	21.5	19.8	7.9	7.0	21.6	19.4
Caucasian Am./White	14,318	308,578	24.4	23.4	8.3	7.6	24.0	22.6
Hispanic	10,441	42,588	18.2	18.8	7.7	7.3	18.9	19.0
Asian Am./Pacific Islander	6,562	25,616	22.5	23.2	8.1	8.0	22.5	22.8
Other/No Response	14,504	102,359	23.4	23.2	8.2	7.8	23.2	22.7
Males	16,204	204,427	22.0	22.0	7.9	7.3	21.9	21.3
Females	26,595	285,556	21.9	22.5	8.2	7.7	22.1	22.1
Missing	6,142	42,960	23.3	23.0	8.3	7.8	23.2	22.6

