

ACT Profile Report - State

Graduating Class 2009
California



Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Meeting College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Section II: Academic Achievement	Page 9
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Meeting College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
Section III: College Readiness & Impact of Course Rigor	Page 15
Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
Section IV: Career and Educational Aspirations	Page 23
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
Section V: Optional Writing Test Results	Page 27
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

This report provides information about the performance of your 2009 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 2009 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, test data for a school, district, and the state 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, or the state.

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

29% of your students 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: 81,494 of your students 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. 82% 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 2% of the cohort took less than three years of math courses. Of these students, 15% were college ready. 13% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 14% of these students were college ready. In comparison, 62% of the students who advanced beyond minimum math 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 12% of the cohort took less than three years of natural science courses. 21% of these students were college ready. In comparison, 35% 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 35% 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.

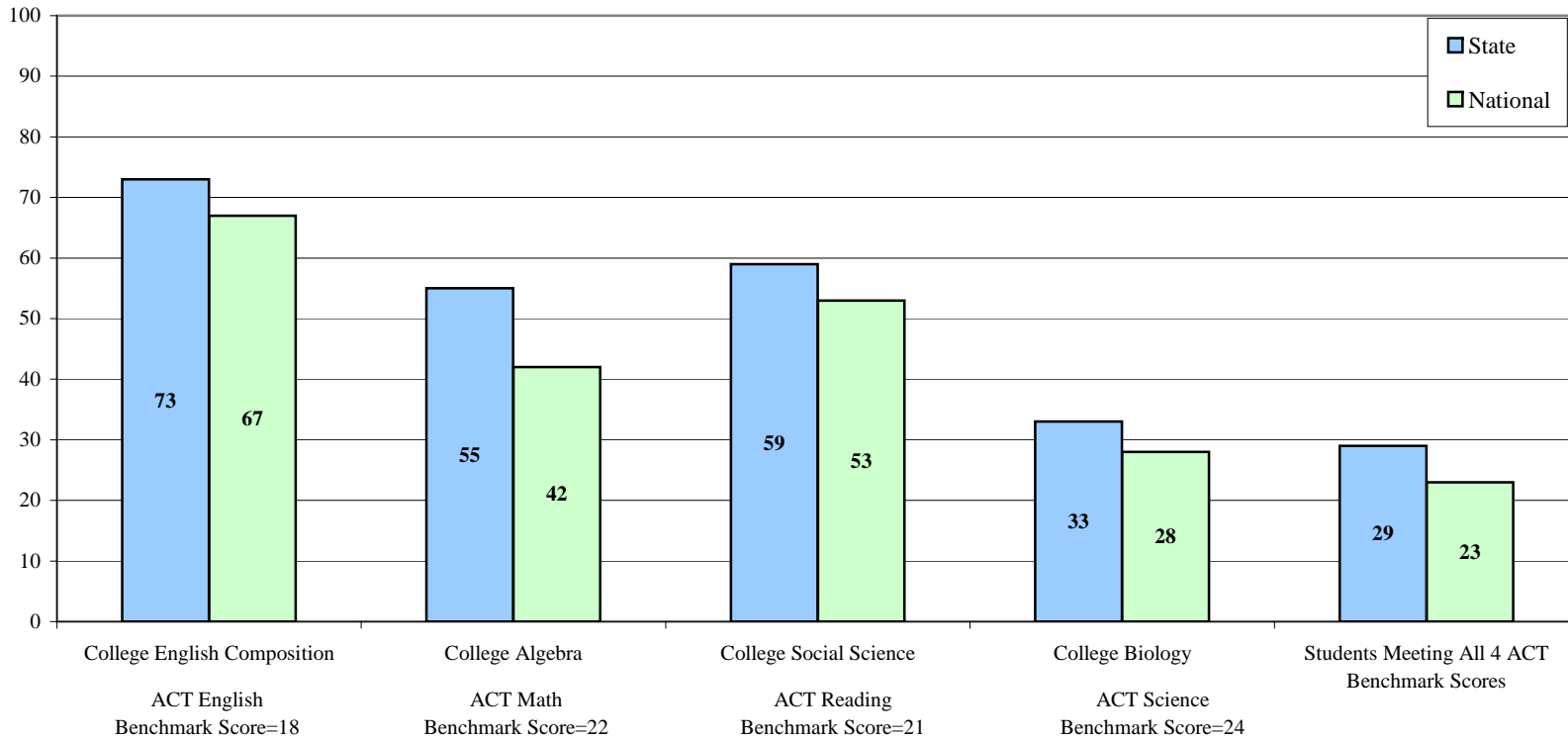
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

Section I

Executive Summary

Total Students in Report: 81,494

Figure 1.1. Percent of Your 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.

Total Students in Report: 81,494

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

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
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
2008	72,326	1,421,941	75	68	56	43	59	53	32	28	28	22
2009	81,494	1,480,469	73	67	55	42	59	53	33	28	29	23

Table 1.2. Five Year Trends—Average ACT Scores

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
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
2008	72,326	1,421,941	21.8	20.6	22.8	21.0	22.4	21.4	21.3	20.8	22.2	21.1
2009	81,494	1,480,469	21.8	20.6	22.8	21.0	22.4	21.4	21.4	20.9	22.2	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2009	1,480,469	20.6	21.0	21.4	20.9	21.1

Total Students in Report: 81,494

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	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
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
2008	49,203	17,142	68	24	22.1	20.8	23.2	21.7	22.7	21.7	21.6	20.3	22.5	21.2
2009	67,166	13,670	82	17	22.1	20.4	23.1	21.3	22.6	21.2	21.7	20.2	22.5	20.9

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	51,600	100	21.6	55,733	100	21.6	61,830	100	22.1	72,326	100	22.2	81,494	100	22.2
African American/Black	4,232	8	17.8	3,986	7	17.8	4,044	7	18.0	4,727	7	18.1	5,434	7	18.3
American Indian/Alaska Native	268	1	21.5	268	0	21.2	324	1	21.4	401	1	21.3	395	0	21.5
Caucasian American/White	17,902	35	23.7	17,647	32	23.8	19,050	31	23.9	24,851	34	24.0	28,568	35	24.4
Hispanic	11,998	23	18.7	12,320	22	18.5	13,013	21	18.8	17,113	24	19.0	21,824	27	19.1
Asian American/Pacific Islander	7,162	14	22.3	7,028	13	22.7	7,433	12	23.0	10,152	14	23.5	13,359	16	24.0
Other/No Response	10,038	19	22.4	14,484	26	22.1	17,966	29	23.0	15,082	21	23.3	11,914	15	22.7

Section II

Academic Achievement

Total Students in Report: 81,494

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	398	100	695	100	1,061	100	238	100	42	100	36
35	1,069	100	1,131	99	449	99	508	100	327	100	35
34	1,718	98	1,676	98	1,566	98	643	99	707	100	34
33	1,548	96	2,210	96	2,511	96	624	98	1,135	99	33
32	1,646	94	1,546	93	2,020	93	678	98	1,533	97	32
31	1,759	92	1,831	91	2,883	91	1,199	97	1,999	95	31
30	2,474	90	1,608	89	3,424	87	1,513	95	2,521	93	30
29	2,410	87	3,137	87	2,580	83	1,784	93	2,984	90	29
28	3,363	84	3,717	83	3,136	80	2,093	91	3,410	86	28
27	2,778	80	3,893	78	3,111	76	2,471	89	4,021	82	27
26	3,987	76	5,203	74	3,152	72	3,813	86	4,361	77	26
25	4,538	72	5,044	67	3,165	68	6,546	81	4,904	72	25
24	4,532	66	5,123	61	4,633	64	4,768	73	5,041	66	24
23	4,477	60	4,531	55	4,259	59	5,919	67	5,311	60	23
22	5,270	55	3,640	49	4,541	53	5,839	60	5,357	53	22
21	5,488	49	4,389	45	5,792	48	6,534	53	5,271	46	21
20	4,967	42	3,536	39	4,345	41	7,777	45	5,314	40	20
19	4,059	36	4,364	35	4,773	35	6,877	35	4,981	33	19
18	3,350	31	4,887	30	2,833	30	5,272	27	4,750	27	18
17	3,314	27	6,121	24	4,402	26	3,134	20	4,403	22	17
16	3,756	23	6,781	16	4,183	21	3,181	16	3,996	16	16
15	3,813	18	4,225	8	2,863	16	2,512	12	3,476	11	15
14	2,333	13	1,566	3	3,766	12	2,105	9	2,608	7	14
13	2,136	10	451	1	2,450	7	2,133	7	1,738	4	13
12	1,827	8	130	1	1,573	4	1,250	4	882	2	12
11	1,605	6	34	1	1,271	2	953	3	297	1	11
10	1,171	4	13	1	381	1	528	1	93	1	10
9	890	2	8	1	194	1	383	1	21	1	9
8	490	1	2	1	93	1	116	1	9	1	8
7	223	1	0	1	35	1	41	1	2	1	7
6	74	1	2	1	17	1	32	1	0	1	6
5	24	1	0	1	20	1	10	1	0	1	5
4	6	1	0	1	10	1	3	1	0	1	4
3	1	1	0	1	0	1	13	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	0	1	4	1	0	1	1
Avg (SD)	21.8 (6.4)		22.8 (5.7)		22.4 (6.3)		21.4 (5.1)		22.2 (5.3)		Avg (SD)

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

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 81,494

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

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	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	4,275	100	1,443	100	3,518	100	4,970	100	5,482	100	1,935	100	1,831	100	18
17	4,548	95	1,168	98	3,473	96	2,829	94	7,213	93	2,080	98	835	98	17
16	4,899	89	5,359	97	5,167	91	8,345	90	5,183	84	4,478	95	5,056	97	16
15	5,326	83	6,565	90	6,738	85	7,607	80	5,965	78	4,279	90	5,950	91	15
14	4,727	77	6,998	82	5,646	77	7,185	71	5,894	71	10,834	84	7,984	83	14
13	6,252	71	7,193	74	5,973	70	4,156	62	5,960	64	6,620	71	10,619	73	13
12	6,650	63	9,865	65	8,187	63	6,146	57	8,272	56	10,054	63	6,530	60	12
11	6,903	55	8,077	53	6,641	53	7,299	49	6,462	46	8,395	51	9,500	52	11
10	8,376	47	9,124	43	6,899	44	5,898	40	7,449	38	13,428	40	9,495	41	10
9	7,573	36	7,544	32	9,207	36	5,260	33	5,347	29	8,009	24	7,493	29	9
8	5,146	27	6,379	22	6,818	25	7,096	27	7,997	22	5,193	14	6,985	20	8
7	5,615	21	4,629	14	6,313	16	4,773	18	6,935	13	2,969	8	2,740	11	7
6	4,415	14	2,412	9	3,698	8	4,035	12	2,487	4	949	4	2,797	8	6
5	3,238	8	2,354	6	1,699	4	3,570	7	504	1	1,397	3	1,424	5	5
4	2,196	4	1,512	3	511	2	1,571	3	232	1	415	1	1,103	3	4
3	1,007	2	713	1	659	1	500	1	87	1	283	1	802	1	3
2	311	1	143	1	270	1	246	1	23	1	90	1	206	1	2
1	37	1	16	1	77	1	8	1	2	1	86	1	144	1	1
Avg (SD)	11.1 (3.9)		11.1 (3.3)		11.3 (3.6)		11.5 (3.9)		12.0 (3.6)		11.5 (3.0)		11.3 (3.2)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

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

Total Students in Report: 81,494

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	81,494	82	22.5	20.9
	African American/Black	5,434	79	18.6	17.5
	American Indian/Alaska Native	395	78	22.0	19.7
	Caucasian American/White	28,568	83	24.6	23.2
	Hispanic	21,824	80	19.3	18.2
	Asian American/Pacific Islander	13,359	86	24.2	22.7
	Other/No Response	11,914	83	23.1	21.2
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.8	22.8	22.4	21.4	22.2
	African American/Black	17.8	18.6	18.5	18.0	18.3
	American Indian/Alaska Native	21.1	21.6	22.0	20.8	21.5
	Caucasian American/White	24.4	24.5	24.9	23.1	24.4
	Hispanic	18.1	19.7	19.1	18.8	19.1
	Asian American/Pacific Islander	23.4	25.6	23.4	23.0	24.0
	Other/No Response	22.5	23.2	23.0	21.8	22.7
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 81,494

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	4,733	6	5,712	7	5,587	7	2,013	2
	28 to 32	11,652	14	11,839	15	14,043	17	7,267	9
	24 to 27	15,835	19	19,263	24	14,061	17	17,598	22
	20 to 23	20,202	25	16,096	20	18,937	23	26,069	32
	16 to 19	14,479	18	22,153	27	16,191	20	18,464	23
	13 to 15	8,282	10	6,242	8	9,079	11	6,750	8
	01 to 12	6,311	8	189	0	3,596	4	3,333	4
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	32,655	40	21.9	24.0	22.7	22.3	22.9
	Females	48,514	60	21.8	22.0	22.1	20.8	21.8
	Missing	325	0	21.5	22.4	22.1	21.1	21.9
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	74	64	61	41	36
	Females	73	49	58	28	24
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 81,494

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ³	Avg
State	Core or More ²	67,166	76	22.1	58	23.1	61	22.6	35	21.7	31	22.5
	Less than Core	13,670	64	20.4	43	21.3	51	21.2	25	20.2	21	20.9
	Missing	658	45	17.6	30	19.7	35	18.8	15	18.7	13	18.8
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

¹"Curriculum Taken" reflects overall high school curriculum in this table.

²"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³Composite CRB% results reflect students who meet all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores 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 or More	79,884	74	21.9	79,686	56	22.9	77,161	60	22.4	71,349	35	21.7
	Less than Core	1,018	53	18.4	1,200	15	17.7	3,723	56	22.1	9,522	21	19.7
	Missing	592	45	17.6	608	30	19.7	610	35	18.7	623	15	18.6
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

¹"Curriculum Taken" reflects content-specific curriculum in this table.

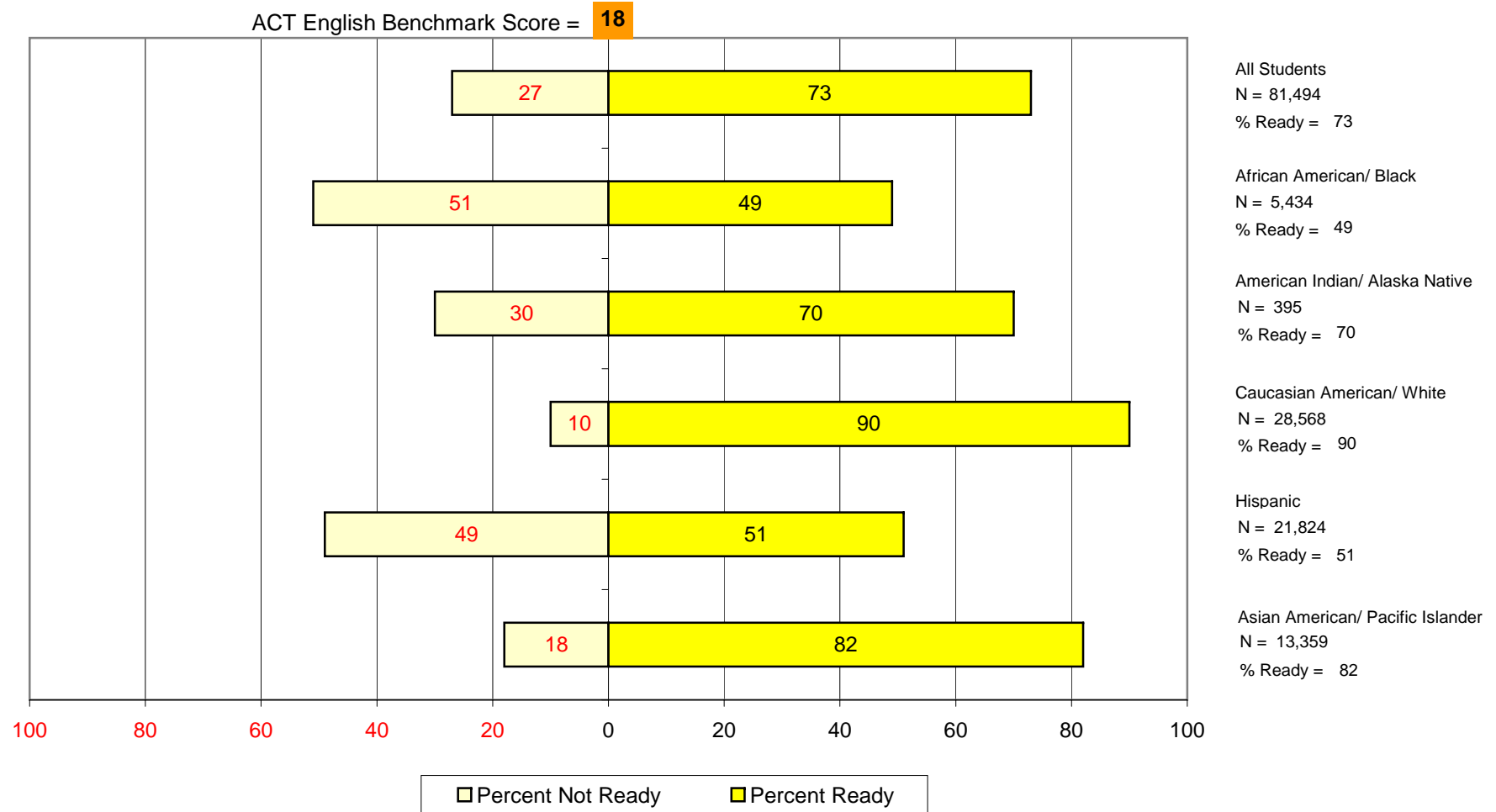
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

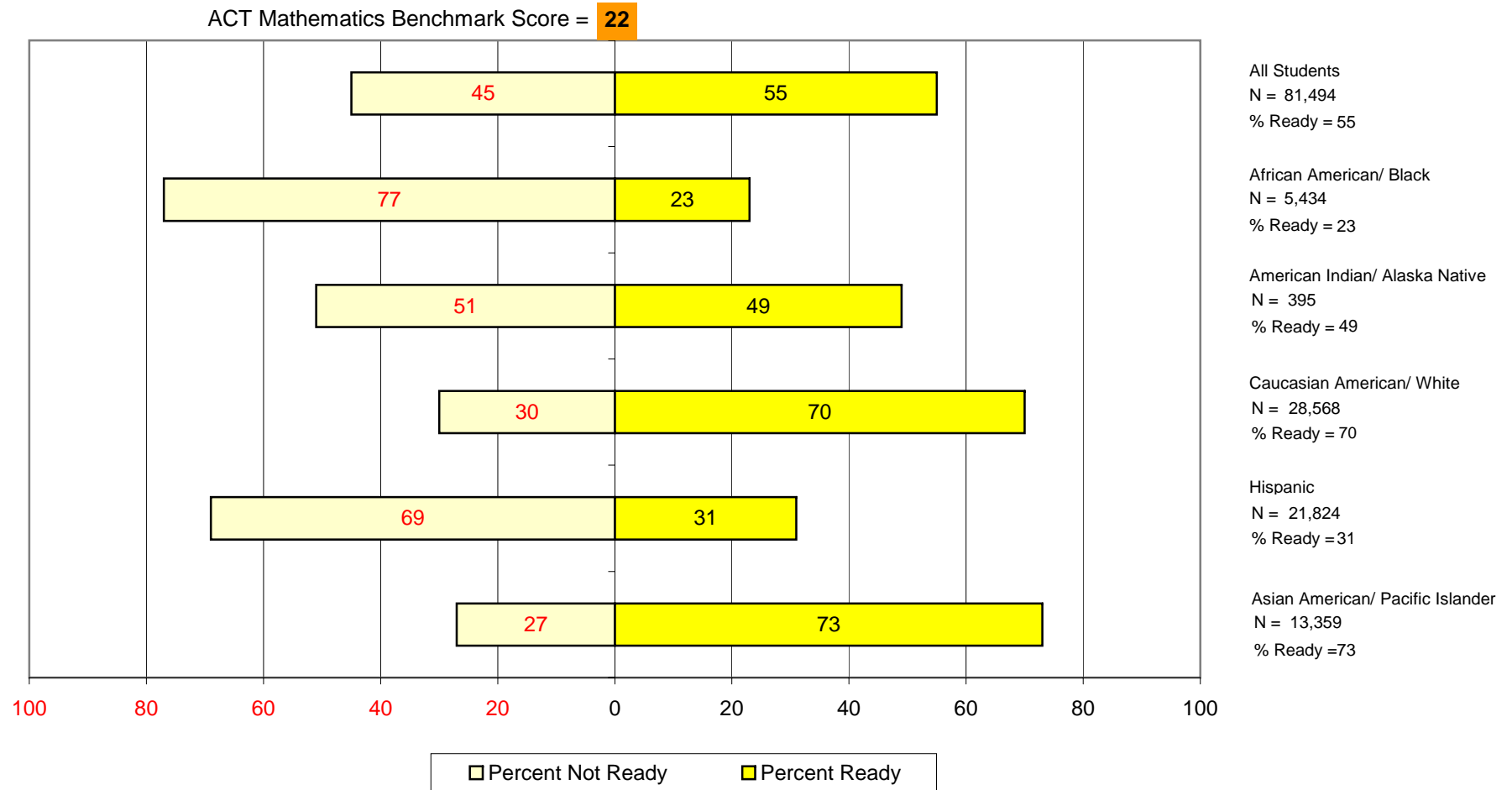
Total Students in Report: 81,494

Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH



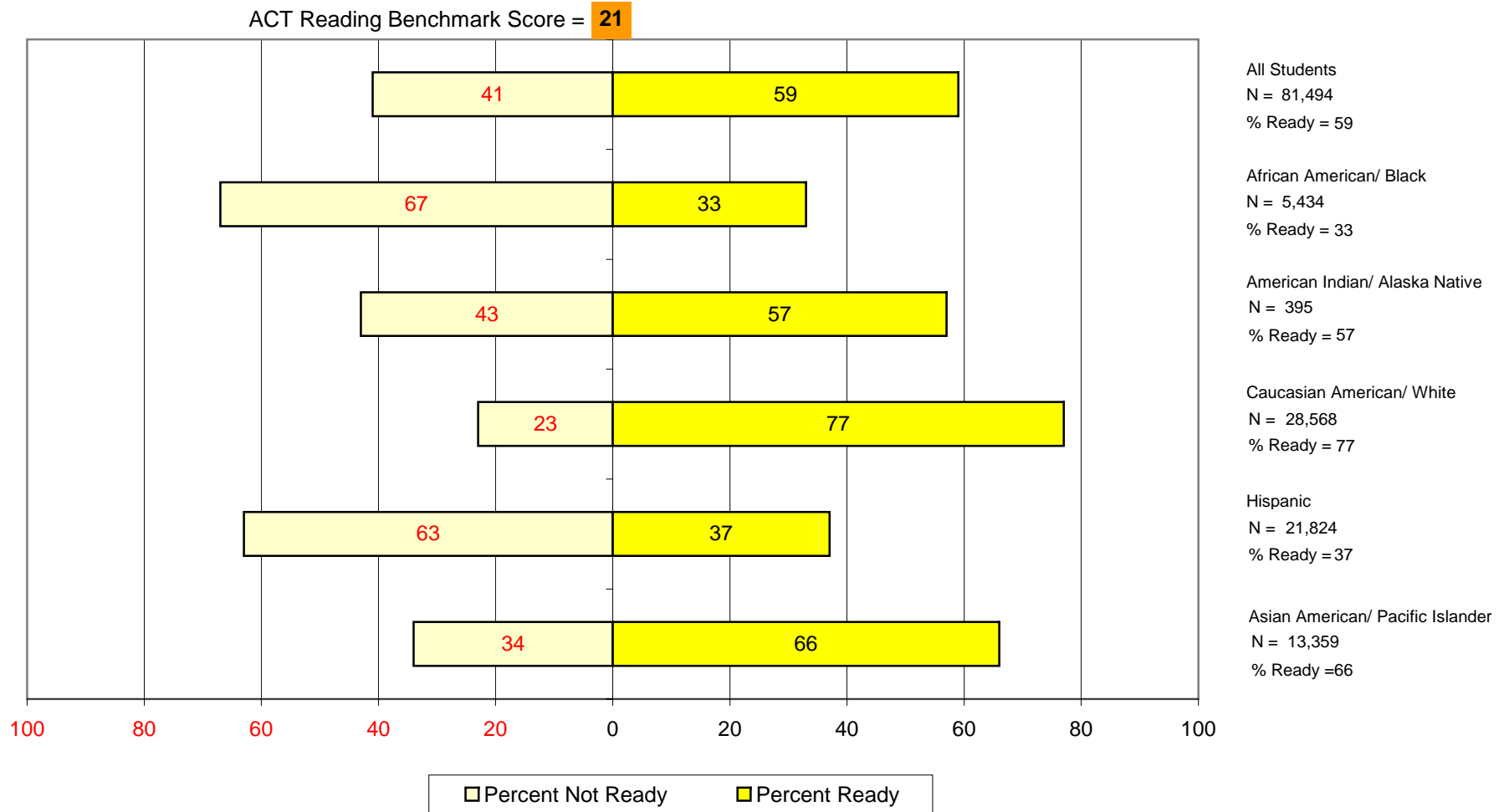
Total Students in Report: 81,494

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



Total Students in Report: 81,494

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



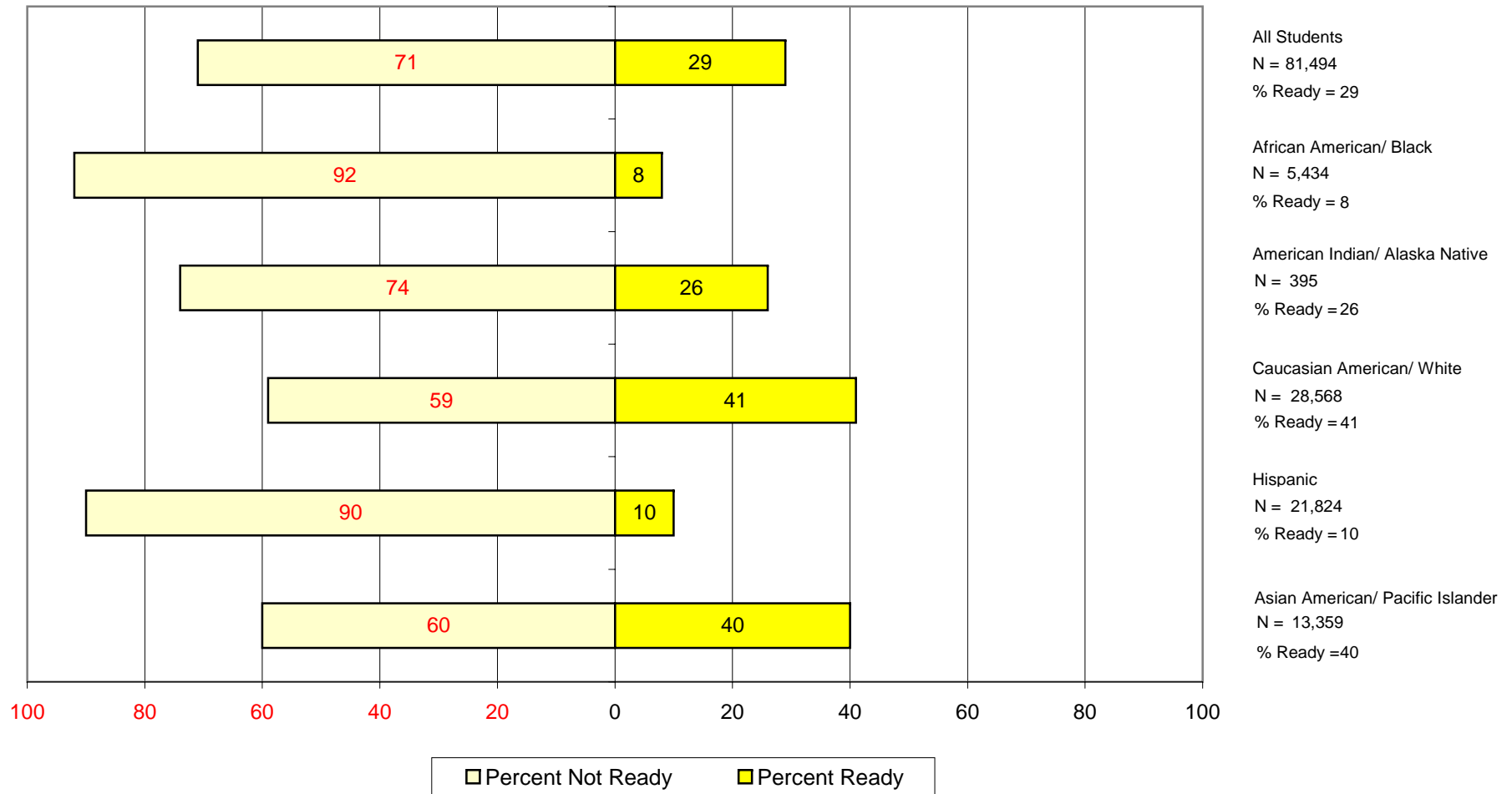
Total Students in Report: 81,494

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



Total Students in Report: 81,494

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



Total Students in Report: 81,494

Table 3.1. Average ACT Scores and Average ACT 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	13,886	17	21.9	3.4	5,531	17	21.9	3.5	8,255	17	21.9	3.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	65,998	81	21.9	3.4	26,418	81	22.0	3.6	39,384	81	21.8	3.3
Less than 4 years of English	1,030	1	18.5	-	454	1	18.4	-	562	1	18.5	-
No English course/grade information reported	580	1	17.5	-	252	1	17.6	-	313	1	17.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	8,162	10	25.3	7.6	3,457	11	26.5	8.1	4,651	10	24.5	7.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	8,634	11	23.0	5.3	2,938	9	24.0	5.6	5,678	12	22.5	5.2
Alg 1, Alg 2, Geom, & Trig	6,242	8	20.1	2.4	2,214	7	21.0	2.6	4,009	8	19.7	2.4
Alg 1, Alg 2, Geom, & Other Adv Math	11,028	14	20.9	3.2	3,764	12	21.8	3.4	7,244	15	20.4	3.1
Other comb of 4 or more years of Math	32,396	40	25.2	7.5	14,758	45	26.3	7.9	17,463	36	24.3	7.0
Alg 1, Alg 2, & Geom (Min. Core)	10,303	13	17.8	0.1	3,593	11	18.3	-0.1	6,694	14	17.5	0.2
Other comb of 3 or 3.5 years of Math	2,921	4	21.6	3.9	1,205	4	22.7	4.3	1,713	4	20.8	3.5
Less than 3 years of Math	1,225	2	17.7	-	474	1	18.4	-	747	2	17.3	-
No Math course/grade information reported	583	1	19.6	-	252	1	20.0	-	315	1	19.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,513	2	24.5	2.4	713	2	24.2	1.7	791	2	24.7	2.9
Other comb of 4 or more years Social Science	45,413	56	22.6	0.5	17,433	53	23.0	0.5	27,774	57	22.4	0.6
US Hist, World Hist, & Am Gov (Min. Core)	2,405	3	21.3	-0.8	1,066	3	21.8	-0.7	1,333	3	20.8	-1.0
Other comb of 3 or 3.5 years of Social Science	27,830	34	22.0	-0.1	11,456	35	22.4	-0.1	16,309	34	21.7	-0.1
Less than 3 years of Social Science	3,739	5	22.1	-	1,730	5	22.5	-	1,987	4	21.8	-
No Soc Sci course/grade information reported	594	1	18.7	-	257	1	18.9	-	320	1	18.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	34,777	43	22.1	2.4	15,479	47	23.1	3.1	19,108	39	21.4	1.8
Bio, Chem, Phys	13,221	16	22.9	3.2	5,820	18	24.0	4.0	7,363	15	22.0	2.4
Gen Sci ² , Bio, Chem (Min. Core)	21,579	26	20.3	0.6	6,974	21	20.7	0.7	14,554	30	20.1	0.5
Other comb of 3 years of Natural Science	1,772	2	20.4	0.7	858	3	21.3	1.3	908	2	19.5	-0.1
Less than 3 years of Natural Science	9,550	12	19.7	-	3,268	10	20.0	-	6,259	13	19.6	-
No Nat Sci course/grade information reported	595	1	18.6	-	256	1	18.8	-	322	1	18.3	-

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.

Total Students in Report: 81,494

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	13,886	17	21.9	73	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	65,998	81	21.9	74	1,029,431	70	20.6	68
Less than 4 years of English	1,030	1	18.5	53	74,090	5	16.7	42
No English course/grade information reported	580	1	17.5	44	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	8,162	10	25.3	74	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	8,634	11	23.0	63	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	6,242	8	20.1	36	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	11,028	14	20.9	43	220,868	15	20.1	36
Other comb of 4 or more years of Math	32,396	40	25.2	72	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	10,303	13	17.8	14	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	2,921	4	21.6	46	70,732	5	20.1	35
Less than 3 years of Math	1,225	2	17.7	15	105,591	7	16.5	7
No Math course/grade information reported	583	1	19.6	30	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,513	2	24.5	72	46,754	3	22.8	61
Other comb of 4 or more years Social Science	45,413	56	22.6	61	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	2,405	3	21.3	52	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	27,830	34	22.0	57	420,236	28	21.3	52
Less than 3 years of Social Science	3,739	5	22.1	56	152,775	10	19.7	40
No Soc Sci course/grade information reported	594	1	18.7	35	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	34,777	43	22.1	39	563,824	38	22.2	39
Bio, Chem, Phys	13,221	16	22.9	45	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	21,579	26	20.3	23	459,833	31	20.1	21
Other comb of 3 years of Natural Science	1,772	2	20.4	25	41,353	3	19.8	21
Less than 3 years of Natural Science	9,550	12	19.7	21	233,215	16	18.4	11
No Nat Sci course/grade information reported	595	1	18.6	15	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 81,494

Table 4.1. Distribution of Planned Educational Majors for All Students 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	593	1	21.0	5	1	15.0	535	1	21.2
Architecture & Environmental Design	2,000	2	21.6	8	1	17.5	1,803	3	21.7
Business & Management	9,682	12	21.9	44	8	17.2	8,701	12	21.9
Business & Office	599	1	19.4	8	1	18.0	520	1	19.5
Marketing & Distribution	658	1	21.0	3	1	18.0	587	1	21.1
Communications & Comm. Technologies	2,458	3	22.2	10	2	17.4	2,242	3	22.2
Community & Personal Services	1,347	2	18.5	21	4	15.3	1,215	2	18.5
Computer & Information Sciences	1,316	2	22.6	14	2	18.2	1,168	2	22.6
Cross-Disciplinary Studies	224	0	25.3	0	0	.	207	0	25.3
Education	2,052	3	20.4	14	2	15.4	1,832	3	20.5
Teacher Education	1,788	2	19.3	16	3	15.6	1,615	2	19.3
Engineering	3,436	4	24.5	19	3	15.0	3,142	4	24.7
Engineering-Related Technologies	3,060	4	23.2	20	4	17.2	2,761	4	23.4
Foreign Languages	588	1	22.5	6	1	16.0	509	1	22.6
Health Sciences & Allied Health Fields	12,474	15	21.4	96	17	17.0	11,448	16	21.5
Human, Family & Consumer Science	714	1	19.1	17	3	17.2	627	1	19.3
Letters	856	1	25.3	4	1	24.3	782	1	25.3
Mathematics	905	1	23.8	5	1	18.2	791	1	24.0
Philosophy, Religion & Theology	443	1	22.2	2	0	15.5	398	1	22.3
Sciences (Biological & Physical)	7,838	10	24.3	15	3	20.3	7,212	10	24.3
Social Sciences	7,012	9	22.5	20	4	17.7	6,466	9	22.6
Trade & Industrial	126	0	20.2	13	2	17.3	108	0	20.5
Visual & Performing Arts	5,060	6	21.7	77	13	17.1	4,381	6	21.8
Undecided	15,272	19	22.6	126	22	16.2	12,116	17	22.8
No Response	993	1	19.2	8	1	12.9	222	0	21.0

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 81,494

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 American/Black		American Indian/Alaska Native		Caucasian American/White		Hispanic		Asian American/Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	83	18.0	4	17.0	1	11.0	24	19.5	38	15.5	7	24.3	9	21.3
2-yr College Degree	488	16.6	54	15.5	4	14.8	87	19.2	237	15.5	49	18.4	57	16.6
Bachelors Degree	23,484	20.7	1,535	17.0	122	20.3	9,953	22.7	6,046	17.9	3,052	21.4	2,776	20.8
Graduate Study	19,665	23.3	1,135	19.3	97	22.6	8,264	25.1	4,406	20.0	3,099	24.7	2,664	23.5
Prof. Level Degree	28,239	23.0	2,114	19.2	131	22.2	7,592	25.8	8,474	19.9	5,522	25.1	4,406	23.7
Other	1,646	19.4	125	16.4	10	20.2	400	22.1	550	17.3	265	21.2	296	19.6
No Response	7,889	22.0	467	17.4	30	21.5	2,248	24.7	2,073	18.0	1,365	24.2	1,706	23.0

Total Students in Report: 81,494

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	8,667	2,509	6,158	1	7	18	24	25	21	3
UNIVERSITY OF CALIFORNIA-SANTA BARBARA	California	6,365	1,336	5,029	1	6	19	29	28	16	1
UNIVERSITY OF CALIFORNIA-BERKELEY	California	6,180	1,913	4,267	1	5	14	23	27	25	5
UNIVERSITY OF CALIFORNIA-DAVIS	California	6,030	1,638	4,392	0	5	16	28	29	20	2
UNIVERSITY OF CALIFORNIA-IRVINE	California	5,887	1,251	4,636	1	5	19	30	28	16	1
CALIFORNIA STATE UNIV-LONG BEACH	California	5,771	1,572	4,199	3	16	34	29	14	3	0
SAN DIEGO STATE UNIVERSITY	California	5,757	1,795	3,962	1	9	30	34	20	6	0
UNIVERSITY OF CALIFORNIA-SAN DIEGO	California	5,381	1,099	4,282	0	3	13	25	31	25	3
CALIFORNIA POLYTECHNIC ST U-SAN LUIS OB	California	4,569	1,793	2,776	0	2	12	29	34	21	2
UNIVERSITY OF SOUTHERN CALIFORNIA	California	4,296	1,278	3,018	1	8	20	24	25	19	2
CALIFORNIA STATE UNIV-FULLERTON	California	3,468	972	2,496	2	15	37	31	12	3	0
UNIVERSITY OF CALIFORNIA-SANTA CRUZ	California	3,182	608	2,574	1	5	19	31	29	14	1
STANFORD UNIVERSITY	California	2,963	1,056	1,907	0	2	11	19	26	32	10
UNIVERSITY OF CALIFORNIA-RIVERSIDE	California	2,961	554	2,407	1	12	30	33	17	6	0
UNIVERSITY OF SAN DIEGO	California	2,735	538	2,197	1	6	23	32	26	11	1
SAN FRANCISCO STATE UNIVERSITY	California	2,394	613	1,781	2	14	33	32	16	4	0
CALIFORNIA STATE UNIV-LOS ANGELES	California	2,334	607	1,727	6	26	40	20	6	1	0
CALIFORNIA STATE POLYTECH UNIV-POMONA	California	2,232	652	1,580	2	12	30	32	17	6	0
CALIFORNIA STATE UNIV-FRESNO	California	2,198	755	1,443	3	19	36	27	11	3	0
CALIFORNIA STATE UNIV-NORTHRIDGE	California	2,193	639	1,554	5	26	36	23	9	2	0
SAN JOSE STATE UNIVERSITY	California	2,132	603	1,529	2	15	36	29	14	4	0
CALIFORNIA STATE UNIV-SACRAMENTO	California	2,014	529	1,485	2	15	34	31	14	3	0
CALIFORNIA STATE UNIV-CHICO	California	1,701	470	1,231	1	11	30	35	18	5	0
NCAA ELIGIBILITY CENTER	Indiana	1,497	917	580	2	9	22	30	24	12	2
UNIVERSITY OF CALIFORNIA-MERCED	California	1,388	228	1,160	1	14	34	31	14	5	0
LOYOLA MARYMOUNT UNIVERSITY	California	1,247	350	897	1	9	24	29	24	13	0
SONOMA STATE UNIVERSITY	California	1,165	275	890	1	8	26	40	20	4	0
BRIGHAM YOUNG UNIVERSITY	Utah	1,164	863	301	0	2	12	27	32	24	4
CALIFORNIA STATE UNIV-DOMINGUEZ HILLS	California	1,133	293	840	9	35	37	15	3	0	0
CALIFORNIA STATE UNIV-SAN MARCOS	California	1,094	295	799	1	11	38	33	13	3	0
All Other Institutions		47,219	12,536	34,683	2	10	22	26	22	15	3
Total		147,317	40,537	106,780	2	9	23	28	22	14	2

Section V

Optional Writing Test Results

Total Students in Report: 81,494

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	69,695	814,713	22.3	21.5	7.7	7.2	21.9	20.8
African American/Black	4,237	96,225	18.4	16.5	7.2	6.4	18.5	16.5
American Indian/Alaska Native	322	5,489	21.8	18.9	7.4	6.7	21.3	18.5
Caucasian American/White	23,727	497,164	25.0	22.8	8.0	7.3	24.1	21.9
Hispanic	18,731	85,681	18.4	18.4	7.4	7.0	18.8	18.4
Asian American/Pacific Islander	12,281	44,716	23.8	23.5	7.8	7.6	23.1	22.8
Other/No Response	10,397	85,438	23.0	21.4	7.8	7.2	22.5	20.8
Males	27,417	357,025	22.4	21.1	7.6	6.9	21.9	20.3
Females	41,994	455,190	22.2	21.7	7.8	7.4	21.9	21.2
Missing	284	2,498	22.0	22.1	7.5	7.2	21.5	21.3

