

ACT Profile Report - State

Graduating Class 2010
California



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This report provides information about the performance of your 2010 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 2010 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.

Furthermore, 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. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

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

31% 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: 90,371 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. 83% 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 1% of the cohort took less than three years of math courses. Of these students, 15% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 15% of these students were college ready. In comparison, 64% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry 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 11% 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 2.6 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.

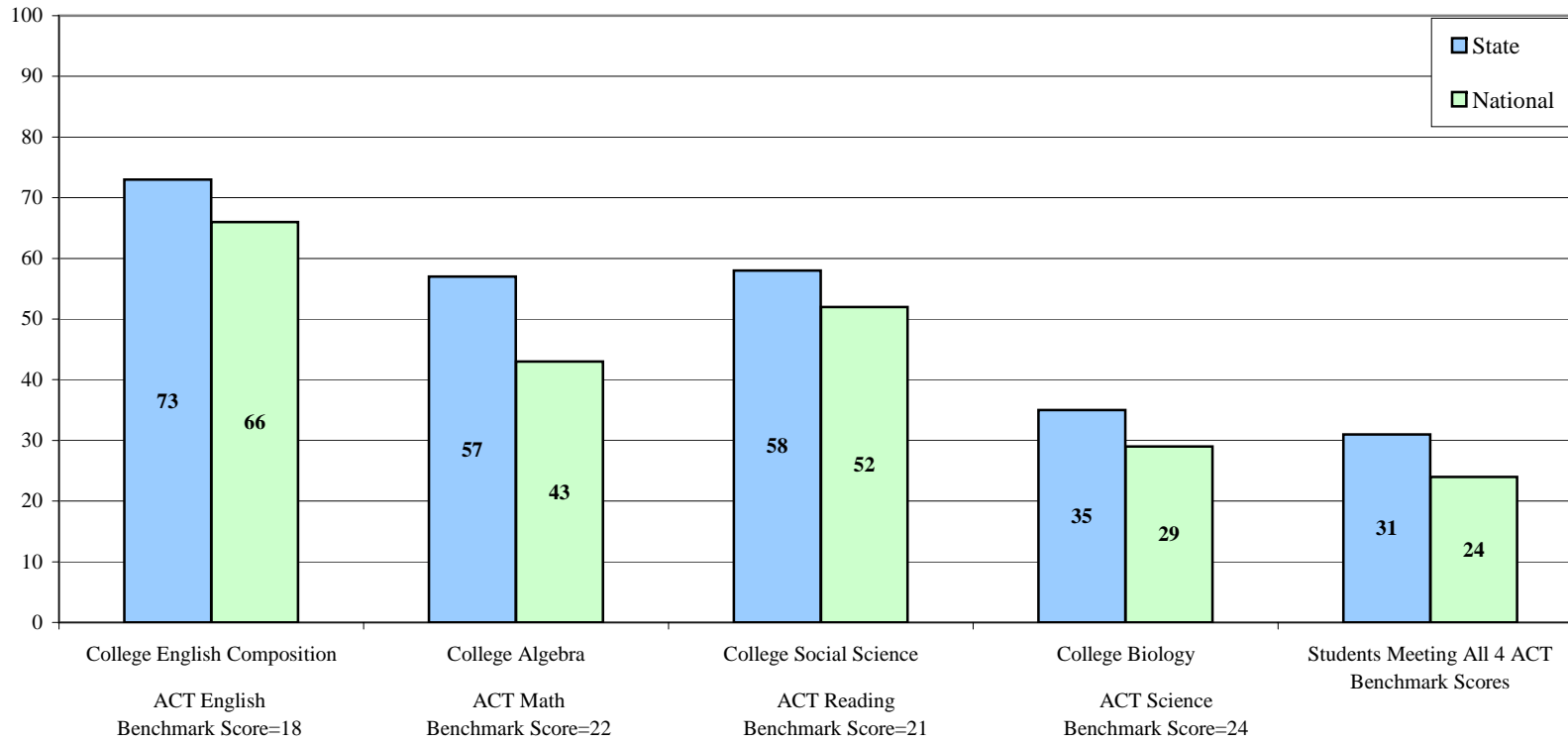
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

Section I

Executive Summary

Total Students in Report: 90,371

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: 90,371

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
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
2010	90,371	1,568,835	73	66	57	43	58	52	35	29	31	24

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
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
2010	90,371	1,568,835	21.7	20.5	22.9	21.0	22.3	21.3	21.5	20.9	22.2	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 90,371

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
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
2010	75,375	14,566	83	16	22.0	20.2	23.2	21.3	22.5	21.0	21.8	20.2	22.5	20.8

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.

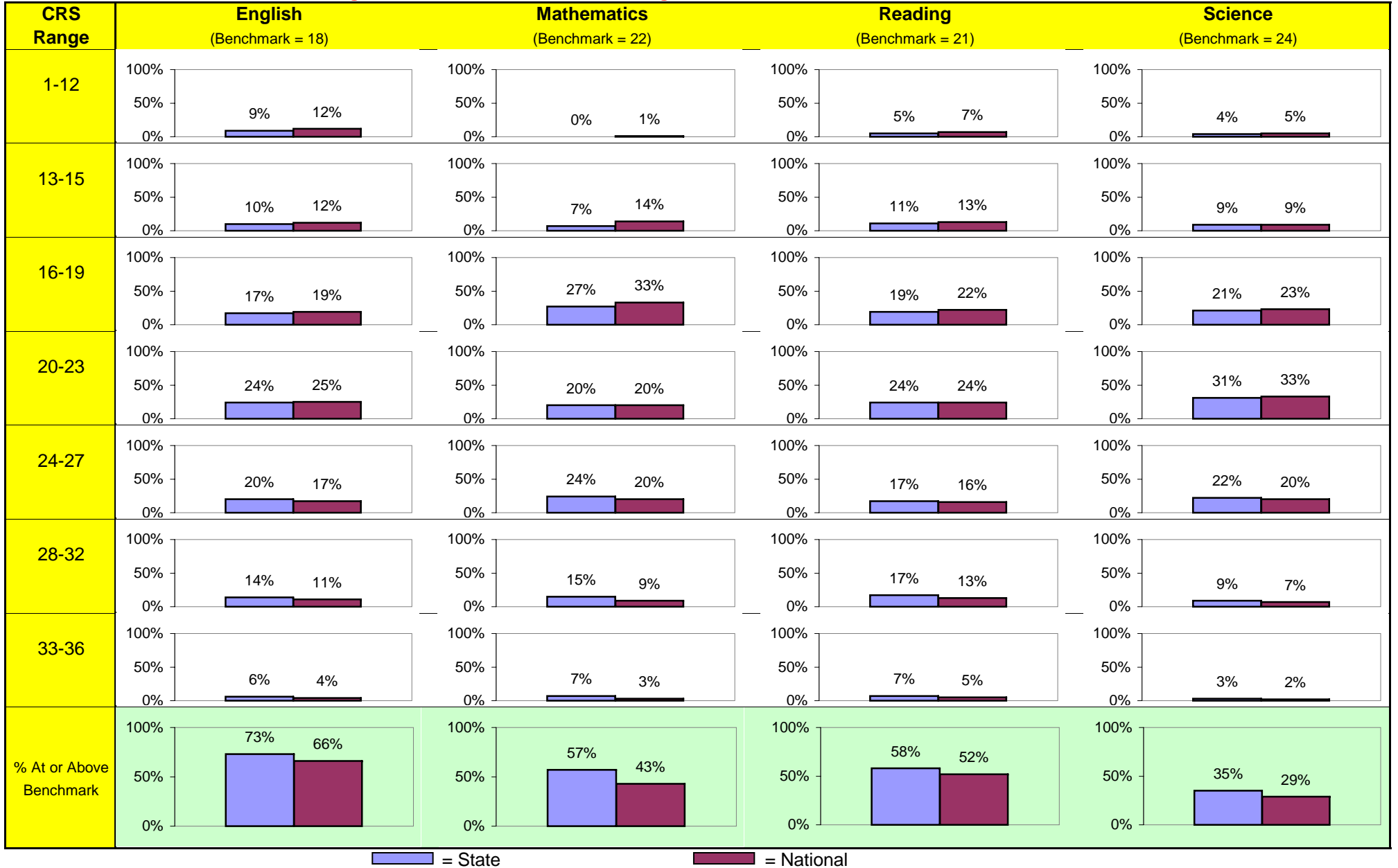
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	55,733	100	21.6	61,830	100	22.1	72,326	100	22.2	81,494	100	22.2	90,371	100	22.2
African American/Black	3,986	7	17.8	4,044	7	18.0	4,727	7	18.1	5,434	7	18.3	5,767	6	18.4
American Indian/Alaska Native	268	0	21.2	324	1	21.4	401	1	21.3	395	0	21.5	423	0	21.9
Caucasian American/White	17,647	32	23.8	19,050	31	23.9	24,851	34	24.0	28,568	35	24.4	30,307	34	24.6
Hispanic	12,320	22	18.5	13,013	21	18.8	17,113	24	19.0	21,824	27	19.1	26,334	29	19.0
Asian American/Pacific Islander	7,028	13	22.7	7,433	12	23.0	10,152	14	23.5	13,359	16	24.0	15,224	17	24.2
Other/No Response	14,484	26	22.1	17,966	29	23.0	15,082	21	23.3	11,914	15	22.7	12,316	14	22.5

Total Students in Report: 90,371

Table 1.6. Percent of Students in College Readiness Standards Score Ranges



Section II

Academic Achievement

Total Students in Report: 90,371

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	565	100	687	100	422	100	54	100	36
35	1,453	100	1,851	99	1,022	99	665	100	404	100	35
34	1,748	98	1,659	97	2,093	98	491	99	837	99	34
33	1,854	96	1,985	95	2,128	96	1,018	98	1,327	99	33
32	1,549	94	2,026	93	2,586	93	475	97	1,806	97	32
31	2,176	92	1,981	91	2,696	91	1,503	97	2,281	95	31
30	2,714	90	2,913	89	3,271	88	1,717	95	2,877	93	30
29	2,690	87	2,572	86	3,263	84	2,009	93	3,352	89	29
28	3,744	84	3,930	83	3,329	80	2,715	91	3,819	86	28
27	3,180	80	4,688	78	3,305	77	3,769	88	4,354	81	27
26	4,638	76	5,200	73	3,472	73	3,822	84	4,833	77	26
25	4,534	71	5,436	68	4,620	69	6,576	79	5,272	71	25
24	5,318	66	6,551	61	4,395	64	6,029	72	5,627	65	24
23	4,845	60	5,593	54	4,738	59	6,998	65	5,753	59	23
22	5,335	55	4,626	48	6,005	54	6,167	58	5,964	53	22
21	6,343	49	3,298	43	4,802	47	7,364	51	5,784	46	21
20	5,481	42	4,320	39	6,347	42	7,865	43	5,649	40	20
19	4,498	36	4,527	34	4,022	35	5,575	34	5,488	34	19
18	3,271	31	5,281	29	3,935	31	6,381	28	5,119	28	18
17	3,182	27	6,891	24	5,302	26	3,978	21	4,748	22	17
16	4,395	24	7,483	16	3,913	20	3,228	16	4,439	17	16
15	3,953	19	4,498	8	3,249	16	3,531	13	3,689	12	15
14	3,124	14	1,689	3	4,197	12	2,245	9	3,011	8	14
13	1,709	11	521	1	2,413	8	2,311	6	2,084	4	13
12	2,002	9	193	1	2,115	5	1,289	4	1,107	2	12
11	2,248	7	52	1	1,312	3	957	2	461	1	11
10	1,421	4	25	1	590	1	594	1	161	1	10
9	1,274	3	5	1	262	1	423	1	54	1	9
8	767	1	8	1	158	1	134	1	11	1	8
7	325	1	0	1	72	1	52	1	4	1	7
6	147	1	2	1	24	1	43	1	2	1	6
5	34	1	0	1	30	1	7	1	0	1	5
4	18	1	2	1	13	1	5	1	0	1	4
3	2	1	0	1	2	1	11	1	0	1	3
2	1	1	0	1	3	1	0	1	0	1	2
1	0	1	0	1	0	1	2	1	0	1	1
Avg (SD)	21.7 (6.5)		22.9 (5.7)		22.3 (6.3)		21.5 (5.2)		22.2 (5.4)		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: 90,371

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	5,593	100	1,456	100	2,849	100	3,211	100	7,452	100	2,192	100	1,985	100	18
17	4,603	94	818	98	4,839	97	9,125	96	7,266	92	2,073	98	1,396	98	17
16	5,267	89	6,406	97	7,022	91	5,337	86	6,545	84	5,468	95	4,731	96	16
15	6,930	83	7,624	90	6,369	84	8,064	80	6,784	76	4,852	89	7,672	91	15
14	5,233	75	6,778	82	6,283	77	4,310	72	6,503	69	11,250	84	9,240	83	14
13	6,796	69	8,484	74	5,712	70	7,474	67	6,279	62	10,327	71	9,592	72	13
12	6,214	62	10,415	65	9,348	63	7,295	58	8,045	55	9,679	60	9,492	62	12
11	7,293	55	10,499	54	7,596	53	9,789	50	7,940	46	12,043	49	8,893	51	11
10	10,215	47	7,503	42	8,019	45	6,593	40	6,910	37	10,668	36	11,789	41	10
9	7,613	36	9,394	34	10,995	36	5,807	32	6,990	29	10,443	24	7,743	28	9
8	5,602	27	6,669	23	6,711	24	6,560	26	7,939	22	5,615	13	7,766	20	8
7	5,903	21	5,299	16	7,132	16	4,847	19	7,458	13	2,567	6	3,322	11	7
6	5,076	15	2,740	10	3,333	8	4,779	13	3,019	5	942	4	3,207	7	6
5	3,313	9	2,751	7	2,133	5	4,734	8	695	1	1,317	2	1,294	4	5
4	2,622	5	2,067	4	886	2	1,345	3	401	1	192	1	903	2	4
3	1,475	2	1,266	2	754	1	799	1	104	1	592	1	645	1	3
2	558	1	174	1	293	1	280	1	36	1	7	1	546	1	2
1	65	1	28	1	97	1	22	1	5	1	144	1	155	1	1
Avg (SD)	11.1 (4.0)		11.0 (3.4)		11.3 (3.6)		11.5 (3.9)		12.1 (3.7)		11.7 (2.9)		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: 90,371

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	90,371	83	22.5	20.8
	African American/Black	5,767	80	18.7	17.4
	American Indian/Alaska Native	423	82	22.4	19.6
	Caucasian American/White	30,307	85	24.8	23.6
	Hispanic	26,334	80	19.2	18.2
	Asian American/Pacific Islander	15,224	88	24.3	22.9
	Other/No Response	12,316	83	22.8	21.3
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

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	21.7	22.9	22.3	21.5	22.2
	African American/Black	17.7	18.8	18.5	18.1	18.4
	American Indian/Alaska Native	21.4	21.9	22.4	21.4	21.9
	Caucasian American/White	24.8	24.8	25.0	23.6	24.6
	Hispanic	17.9	19.8	19.1	18.8	19.0
	Asian American/Pacific Islander	23.5	25.8	23.5	23.4	24.2
	Other/No Response	22.2	23.0	22.7	21.7	22.5
National	All Students	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6

Total Students in Report: 90,371

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	5,453	6	6,060	7	5,930	7	2,596	3
	28 to 32	12,873	14	13,422	15	15,145	17	8,419	9
	24 to 27	17,670	20	21,875	24	15,792	17	20,196	22
	20 to 23	22,004	24	17,837	20	21,892	24	28,394	31
	16 to 19	15,346	17	24,182	27	17,172	19	19,162	21
	13 to 15	8,786	10	6,708	7	9,859	11	8,087	9
	01 to 12	8,239	9	287	0	4,581	5	3,517	4
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	36,993	41	21.8	24.0	22.5	22.5	22.8
	Females	53,361	59	21.7	22.0	22.1	20.9	21.8
	Missing	17	0	17.7	19.6	18.8	19.4	19.0
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

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	73	65	60	43	38
	Females	72	52	57	29	26
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 90,371

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 % ⁴	Avg
State	Core or More ²	75,375	75	22.0	60	23.2	60	22.5	36	21.8	33	22.5
	Less than Core	14,566	63	20.2	45	21.3	50	21.0	26	20.2	23	20.8
	Missing ³	430	47	17.5	30	19.5	35	18.7	17	18.7	14	18.7
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

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.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite 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 ²	88,959	73	21.8	88,735	58	22.9	86,043	58	22.3	79,868	36	21.8
	Less than Core	1,045	53	18.7	1,249	15	17.5	3,951	55	22.0	10,100	22	19.8
	Missing ³	367	48	17.8	387	30	19.5	377	34	18.8	403	17	18.7
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

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

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

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.

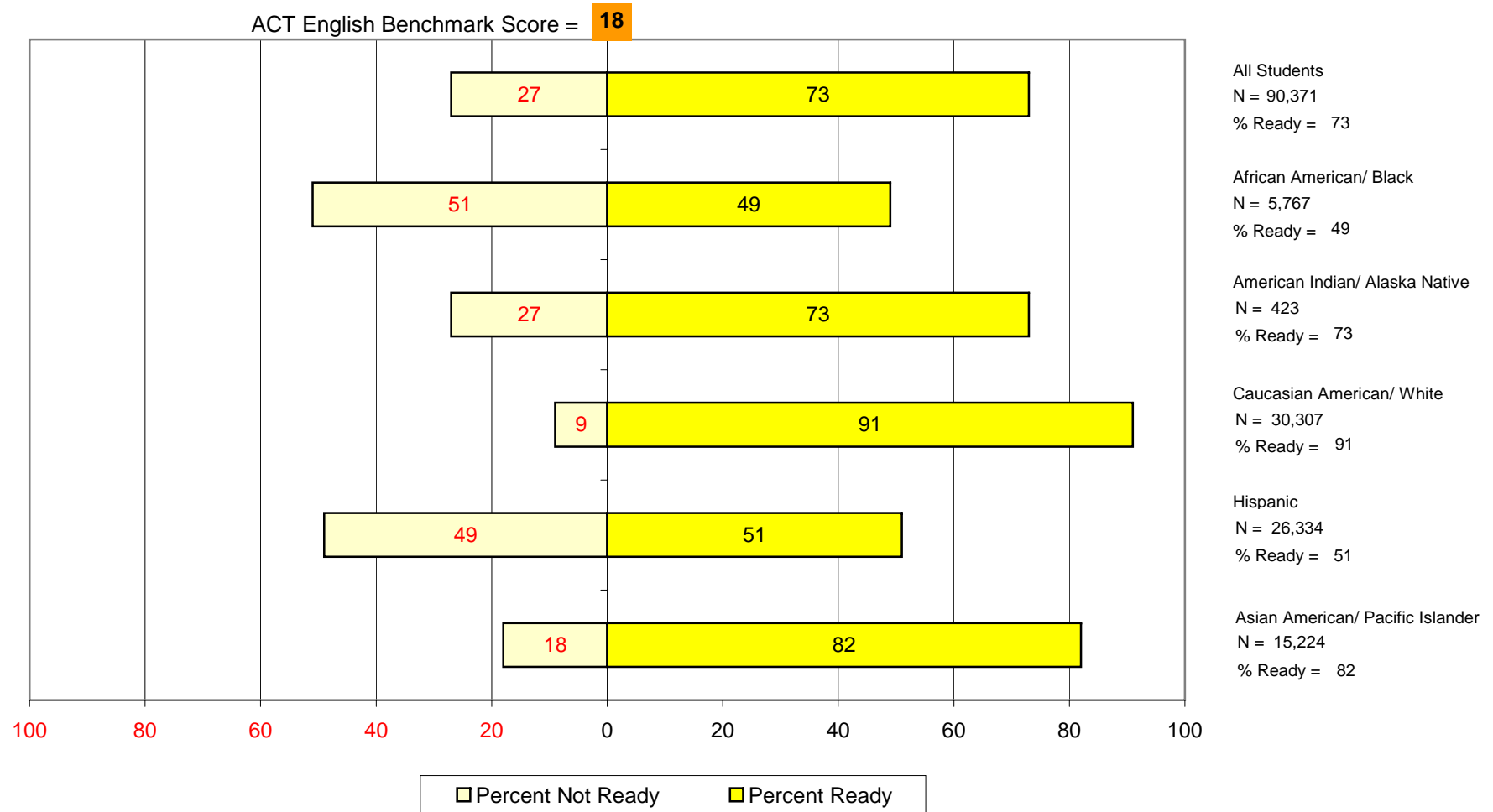
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

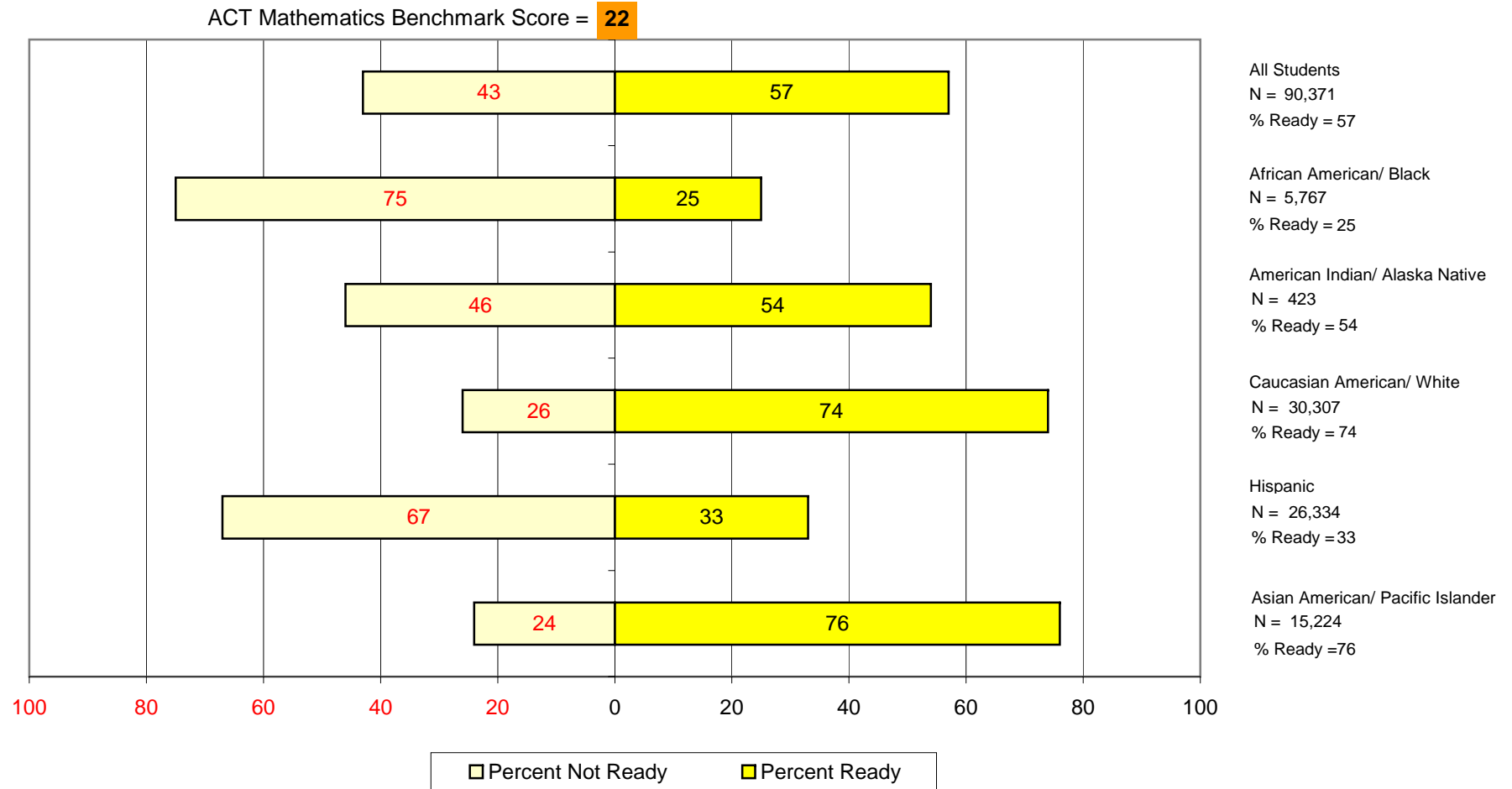
Total Students in Report: 90,371

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



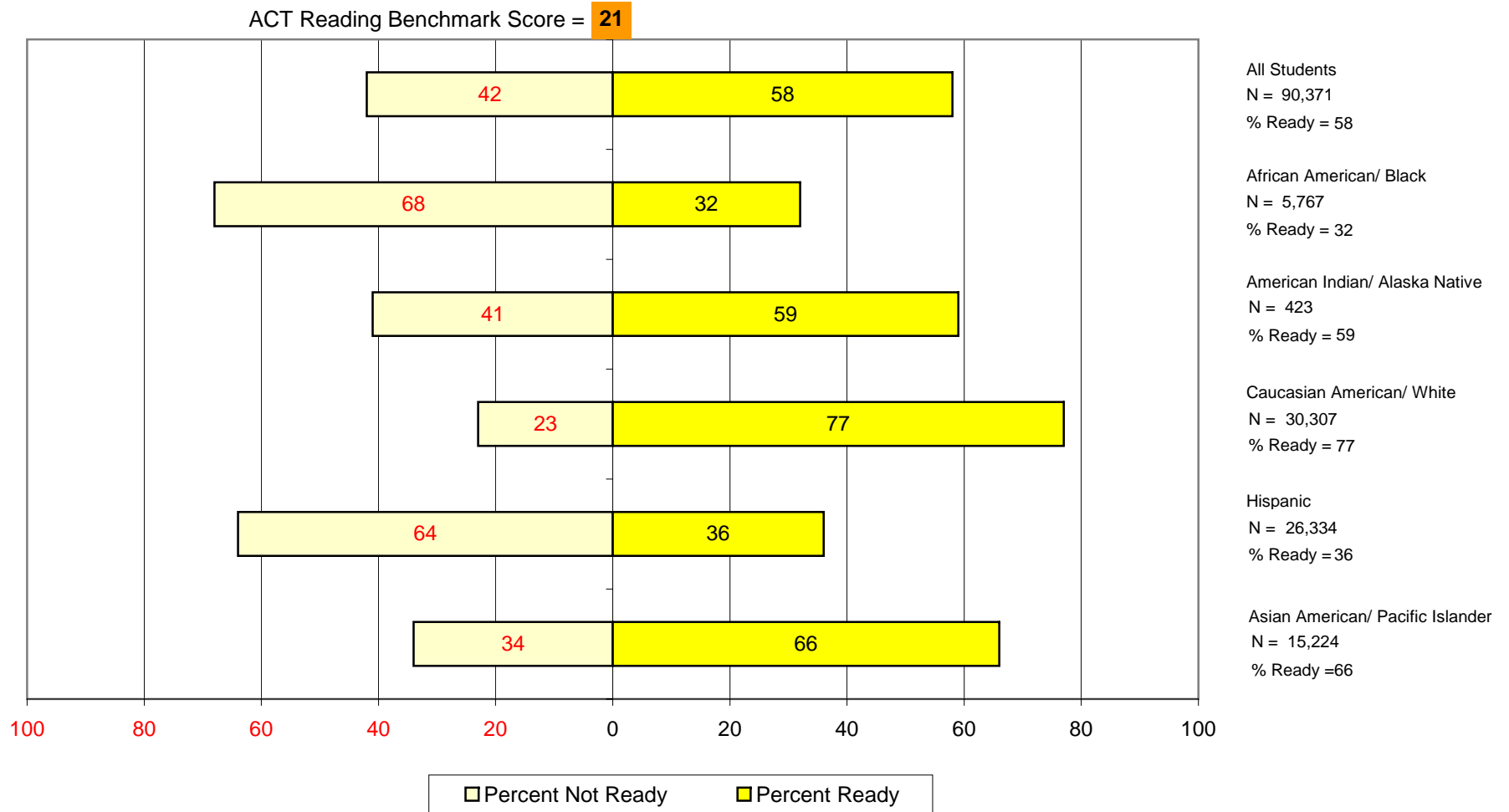
Total Students in Report: 90,371

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



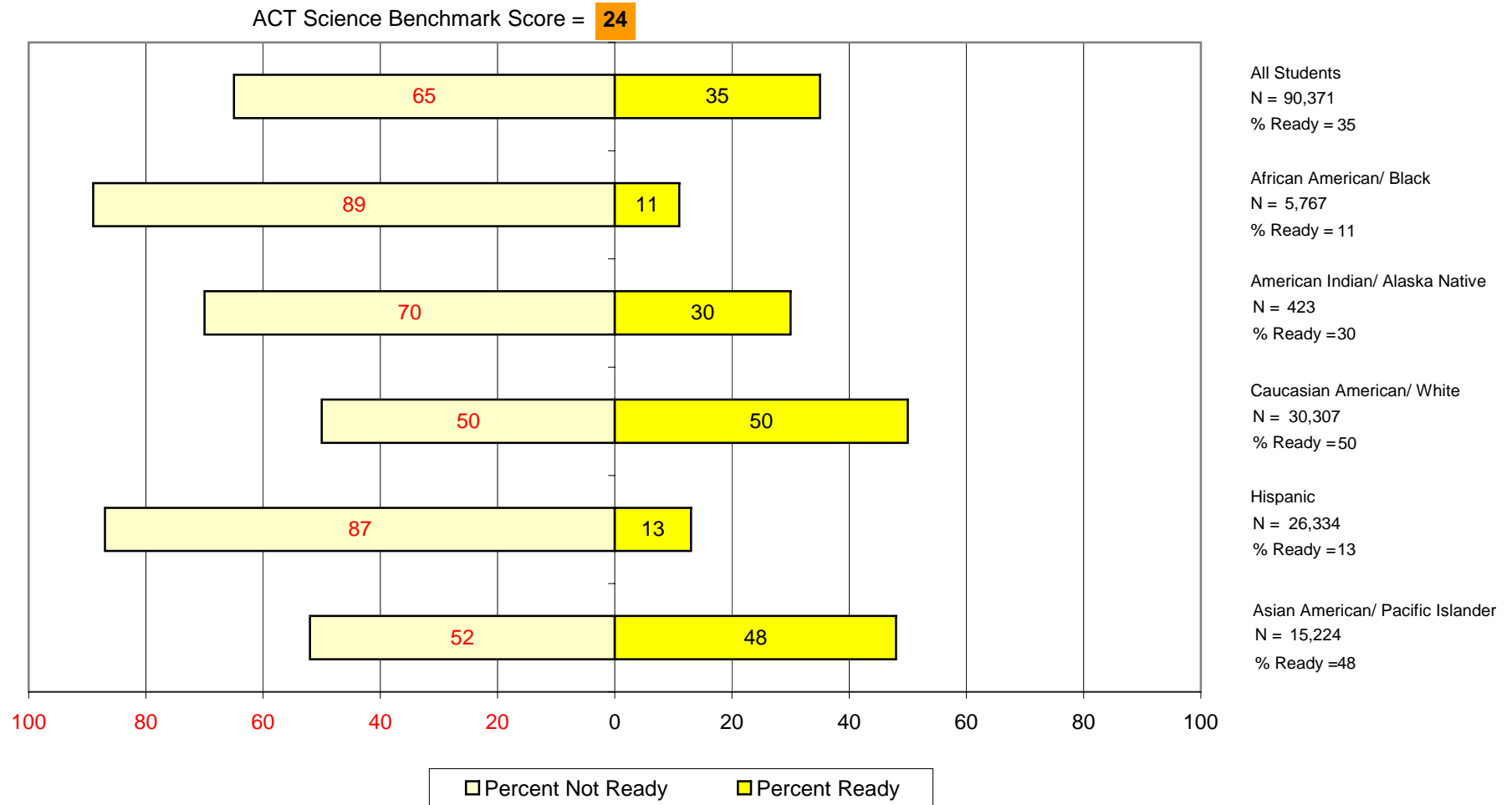
Total Students in Report: 90,371

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



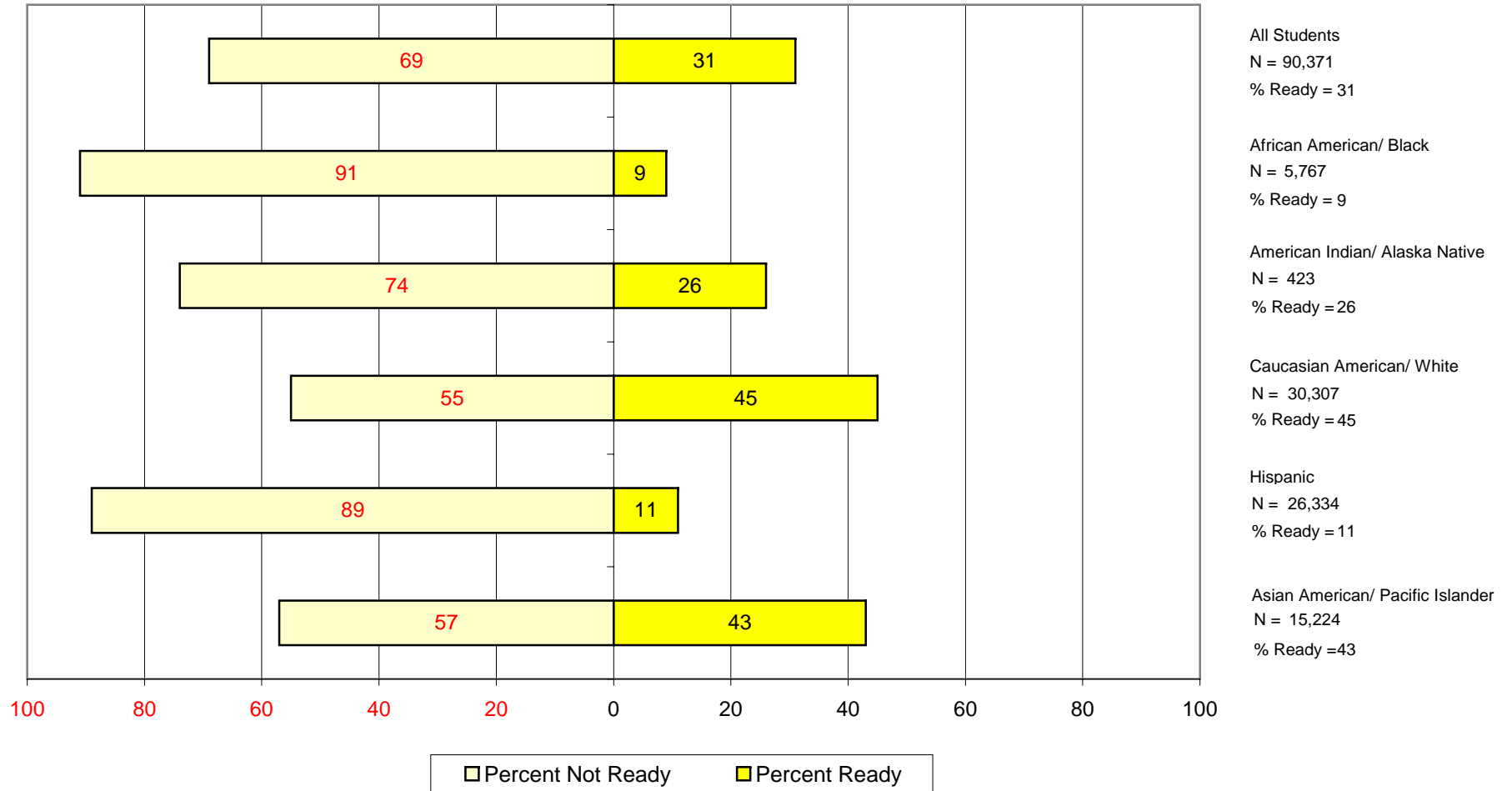
Total Students in Report: 90,371

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



Total Students in Report: 90,371

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



Total Students in Report: 90,371

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	15,400	17	21.7	3.0	6,348	17	21.6	2.7	9,051	17	21.7	3.2
Eng 9, Eng 10, Eng 11, Eng 12	73,559	81	21.8	3.1	30,005	81	21.9	3.0	43,543	82	21.7	3.2
Less than 4 years of English	1,045	1	18.7	-	449	1	18.9	-	596	1	18.5	-
Zero years / no English courses reported	367	0	17.8	-	191	1	17.6	-	171	0	18.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	9,015	10	25.4	7.9	3,822	10	26.3	8.0	5,193	10	24.7	7.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,392	10	23.0	5.5	3,266	9	23.9	5.6	6,125	11	22.5	5.4
Alg 1, Alg 2, Geom, & Trig	6,697	7	20.0	2.5	2,516	7	20.8	2.5	4,180	8	19.6	2.5
Alg 1, Alg 2, Geom, & Other Adv Math	12,336	14	20.8	3.3	4,190	11	21.4	3.1	8,144	15	20.4	3.3
Other comb of 4 or more years of Math	36,890	41	25.3	7.8	17,153	46	26.3	8.0	19,734	37	24.4	7.3
Alg 1, Alg 2, & Geom	11,128	12	17.8	0.3	4,009	11	18.3	0.0	7,117	13	17.5	0.4
Other comb of 3 or 3.5 years of Math	3,277	4	21.5	4.0	1,346	4	22.5	4.2	1,929	4	20.9	3.8
Less than 3 years of Math	1,249	1	17.5	-	493	1	18.3	-	755	1	17.1	-
Zero years / no Math courses reported	387	0	19.5	-	198	1	20.0	-	184	0	19.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,594	2	24.3	2.3	749	2	24.0	2.0	845	2	24.4	2.4
Other comb of 4 or more years Social Science	50,782	56	22.6	0.6	20,075	54	22.8	0.8	30,702	58	22.4	0.4
US Hist, World Hist, & Am Gov	2,764	3	20.8	-1.2	1,251	3	21.2	-0.8	1,512	3	20.5	-1.5
Other comb of 3 or 3.5 years of Social Science	30,903	34	21.9	-0.1	12,887	35	22.3	0.3	18,012	34	21.6	-0.4
Less than 3 years of Social Science	3,951	4	22.0	-	1,838	5	22.0	-	2,111	4	22.0	-
Zero years / no Social Science courses reported	377	0	18.8	-	193	1	18.6	-	179	0	18.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	39,535	44	22.4	2.6	18,047	49	23.3	3.1	21,485	40	21.6	2.0
Bio, Chem, Phys	13,857	15	23.0	3.2	6,267	17	24.1	3.9	7,588	14	22.0	2.4
Gen Sci ² , Bio, Chem	24,412	27	20.3	0.5	8,025	22	20.6	0.4	16,382	31	20.1	0.5
Other comb of 3 years of Natural Science	2,064	2	20.2	0.4	970	3	20.8	0.6	1,094	2	19.6	0.0
Less than 3 years of Natural Science	10,100	11	19.8	-	3,477	9	20.2	-	6,621	12	19.6	-
Zero years / no Natural Science courses reported	403	0	18.7	-	207	1	19.2	-	191	0	18.1	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 90,371

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	15,400	17	21.7	72	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	73,559	81	21.8	73	1,096,437	70	20.5	66
Less than 4 years of English	1,045	1	18.7	53	74,180	5	16.4	39
Zero years / no English courses reported	367	0	17.8	48	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	9,015	10	25.4	76	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,392	10	23.0	64	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	6,697	7	20.0	37	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	12,336	14	20.8	43	239,289	15	20.0	36
Other comb of 4 or more years of Math	36,890	41	25.3	74	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	11,128	12	17.8	15	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	3,277	4	21.5	48	74,720	5	19.9	35
Less than 3 years of Math	1,249	1	17.5	15	97,949	6	16.4	7
Zero years / no Math courses reported	387	0	19.5	30	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,594	2	24.3	71	47,523	3	22.6	60
Other comb of 4 or more years Social Science	50,782	56	22.6	60	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	2,764	3	20.8	48	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	30,903	34	21.9	55	439,520	28	21.2	51
Less than 3 years of Social Science	3,951	4	22.0	55	156,679	10	19.5	39
Zero years / no Social Science courses reported	377	0	18.8	34	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	39,535	44	22.4	41	620,765	40	22.2	40
Bio, Chem, Phys	13,857	15	23.0	46	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	24,412	27	20.3	24	474,375	30	20.1	21
Other comb of 3 years of Natural Science	2,064	2	20.2	23	43,231	3	19.7	21
Less than 3 years of Natural Science	10,100	11	19.8	22	231,566	15	18.3	12
Zero years / no Natural Science courses reported	403	0	18.7	17	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 90,371

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	658	1	21.2	13	2	17.6	584	1	21.4
Architecture & Environmental Design	2,024	2	21.7	17	2	17.4	1,781	2	21.9
Business & Management	9,324	10	22.0	49	7	16.9	8,307	11	22.1
Business & Office	635	1	19.3	13	2	16.5	520	1	19.5
Marketing & Distribution	682	1	21.3	7	1	17.3	604	1	21.5
Communications & Comm. Technologies	2,526	3	22.4	11	2	15.4	2,280	3	22.5
Community & Personal Services	1,541	2	18.3	33	5	15.6	1,356	2	18.5
Computer & Information Sciences	1,369	2	22.9	11	2	16.1	1,198	2	23.0
Cross-Disciplinary Studies	230	0	24.8	3	0	13.3	213	0	25.0
Education	2,059	2	20.5	17	2	14.8	1,844	2	20.7
Teacher Education	1,757	2	19.5	20	3	16.2	1,542	2	19.7
Engineering	3,966	4	24.7	24	4	15.0	3,611	5	24.9
Engineering-Related Technologies	3,585	4	23.1	29	4	16.9	3,238	4	23.2
Foreign Languages	640	1	22.0	4	1	18.5	557	1	22.0
Health Sciences & Allied Health Fields	14,833	16	21.2	119	17	16.0	13,375	17	21.3
Human, Family & Consumer Science	868	1	18.7	18	3	17.0	770	1	18.8
Letters	905	1	24.9	6	1	19.0	815	1	24.9
Mathematics	1,138	1	23.7	7	1	13.9	1,000	1	23.9
Philosophy, Religion & Theology	464	1	22.2	3	0	18.0	407	1	22.4
Sciences (Biological & Physical)	9,196	10	24.3	20	3	18.6	8,349	11	24.4
Social Sciences	8,108	9	22.4	20	3	15.8	7,379	9	22.5
Trade & Industrial	122	0	19.2	13	2	17.2	97	0	19.7
Visual & Performing Arts	5,321	6	21.6	78	11	16.7	4,572	6	21.8
Undecided	17,631	20	22.5	145	21	16.3	13,726	18	22.7
No Response	789	1	19.1	3	0	15.3	186	0	20.8

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, 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: 90,371

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	96	17.1	4	14.0	1	15.0	17	20.8	54	16.4	6	15.8	14	16.8
2-yr College Degree	587	16.2	43	15.3	3	18.7	99	19.1	320	15.2	63	18.0	59	15.9
Bachelors Degree	25,772	20.8	1,620	17.0	131	20.8	10,370	23.1	7,268	18.0	3,361	21.7	3,022	20.8
Graduate Study	20,995	23.4	1,169	19.3	104	22.8	8,678	25.4	5,071	20.2	3,297	24.8	2,676	23.7
Prof. Level Degree	31,544	23.0	2,294	19.5	135	22.7	8,060	26.0	10,065	19.8	6,397	25.2	4,593	23.4
Other	1,793	19.0	140	15.9	12	21.1	383	22.3	658	16.9	265	21.3	335	18.8
No Response	9,584	21.9	497	17.0	37	20.9	2,700	25.0	2,898	17.9	1,835	24.6	1,617	22.5

Total Students in Report: 90,371

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	7,927	2,271	5,656	1	6	17	24	26	23	3
UNIVERSITY OF CALIFORNIA-BERKELEY	California	5,753	1,758	3,995	1	4	14	22	27	27	5
UNIVERSITY OF CALIFORNIA-DAVIS	California	5,697	1,570	4,127	1	5	16	27	30	19	2
UNIVERSITY OF CALIFORNIA-SANTA BARBARA	California	5,617	1,200	4,417	1	6	18	27	30	17	1
CALIFORNIA STATE UNIV-LONG BEACH	California	5,610	1,529	4,081	3	15	33	29	15	4	0
UNIVERSITY OF CALIFORNIA-IRVINE	California	5,270	1,162	4,108	1	5	17	29	30	17	1
SAN DIEGO STATE UNIVERSITY	California	5,137	1,605	3,532	2	9	28	33	22	6	0
UNIVERSITY OF CALIFORNIA-SAN DIEGO	California	4,671	941	3,730	0	3	11	24	31	28	3
CALIFORNIA POLYTECHNIC ST U-SAN LUIS OB	California	4,423	1,772	2,651	0	3	11	28	35	22	2
UNIVERSITY OF SOUTHERN CALIFORNIA	California	3,815	1,227	2,588	2	7	18	25	24	20	3
CALIFORNIA STATE UNIV-FULLERTON	California	3,520	948	2,572	3	15	34	31	13	4	0
UNIVERSITY OF CALIFORNIA-RIVERSIDE	California	2,884	591	2,293	2	10	31	32	18	6	0
UNIVERSITY OF CALIFORNIA-SANTA CRUZ	California	2,808	563	2,245	1	5	17	30	32	14	1
STANFORD UNIVERSITY	California	2,716	991	1,725	0	2	9	18	26	35	9
SAN FRANCISCO STATE UNIVERSITY	California	2,607	661	1,946	3	11	32	33	17	4	0
CALIFORNIA STATE UNIV-LOS ANGELES	California	2,568	625	1,943	6	26	39	20	6	2	0
UNIVERSITY OF SAN DIEGO	California	2,466	469	1,997	1	6	21	32	27	13	1
CALIFORNIA STATE UNIV-FRESNO	California	2,376	842	1,534	4	18	36	27	12	3	0
CALIFORNIA STATE UNIV-SACRAMENTO	California	2,353	636	1,717	3	15	33	31	15	4	0
CALIFORNIA STATE POLYTECH UNIV-POMONA	California	2,265	626	1,639	2	13	29	30	19	7	0
CALIFORNIA STATE UNIV-NORTHRIDGE	California	2,133	605	1,528	6	22	35	26	9	2	0
SAN JOSE STATE UNIVERSITY	California	2,062	538	1,524	3	13	32	31	16	5	0
CALIFORNIA STATE UNIV-CHICO	California	1,687	471	1,216	2	8	29	37	19	5	0
NCAA ELIGIBILITY CENTER	Indiana	1,502	944	558	2	9	23	28	24	12	2
UNIVERSITY OF CALIFORNIA-MERCED	California	1,451	298	1,153	2	12	34	30	17	5	0
CALIFORNIA STATE UNIV-DOMINGUEZ HILLS	California	1,336	360	976	10	32	39	15	4	1	0
CALIFORNIA STATE UNIV-SAN BERNARDINO	California	1,173	285	888	4	22	42	24	8	1	0
CALIFORNIA STATE UNIV-SAN MARCOS	California	1,112	312	800	2	11	36	32	15	3	0
UNIVERSITY OF THE PACIFIC	California	1,102	368	734	1	4	18	33	28	14	1
BRIGHAM YOUNG UNIVERSITY	Utah	1,082	835	247	0	1	9	27	34	26	3
All Other Institutions		48,624	13,001	35,623	2	9	21	27	23	16	3
Total		143,747	40,004	103,743	2	9	22	27	23	15	2

Section V

Optional Writing Test Results

Total Students in Report: 90,371

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	78,328	869,014	22.1	21.4	7.6	7.1	21.8	20.8
African American/Black	4,621	107,638	18.2	16.4	7.1	6.4	18.4	16.4
American Indian/Alaska Native	350	6,232	21.8	18.9	7.5	6.6	21.4	18.4
Caucasian American/White	25,417	518,004	25.3	23.0	7.9	7.3	24.3	22.1
Hispanic	23,024	101,126	18.2	18.1	7.4	6.9	18.6	18.1
Asian American/Pacific Islander	14,063	49,922	23.8	23.6	7.8	7.7	23.1	22.9
Other/No Response	10,853	86,092	22.6	21.0	7.7	7.1	22.1	20.4
Males	31,506	384,152	22.3	21.1	7.5	6.9	21.7	20.3
Females	46,811	484,023	22.0	21.7	7.7	7.3	21.8	21.2
Missing	11	839	19.4	16.8	7.9	6.3	20.0	16.6

