

ACT Profile Report - State

Graduating Class 2009
Texas



Table of Contents

<p>Section I: Executive Summary</p> <ul style="list-style-type: none"> 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 	<p>Page 5</p>
<p>Section II: Academic Achievement</p> <ul style="list-style-type: none"> 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 	<p>Page 9</p>
<p>Section III: College Readiness & Impact of Course Rigor</p> <ul style="list-style-type: none"> 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 	<p>Page 15</p>
<p>Section IV: Career and Educational Aspirations</p> <ul style="list-style-type: none"> 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 	<p>Page 23</p>
<p>Section V: Optional Writing Test Results</p> <ul style="list-style-type: none"> Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing 	<p>Page 27</p>

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

22% 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: 82,640 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. 85% 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, 12% were college ready. 23% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 13% of these students were college ready. In comparison, 55% 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 9% of the cohort took less than three years of natural science courses. 12% of these students were college ready. In comparison, 28% 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 45% 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.

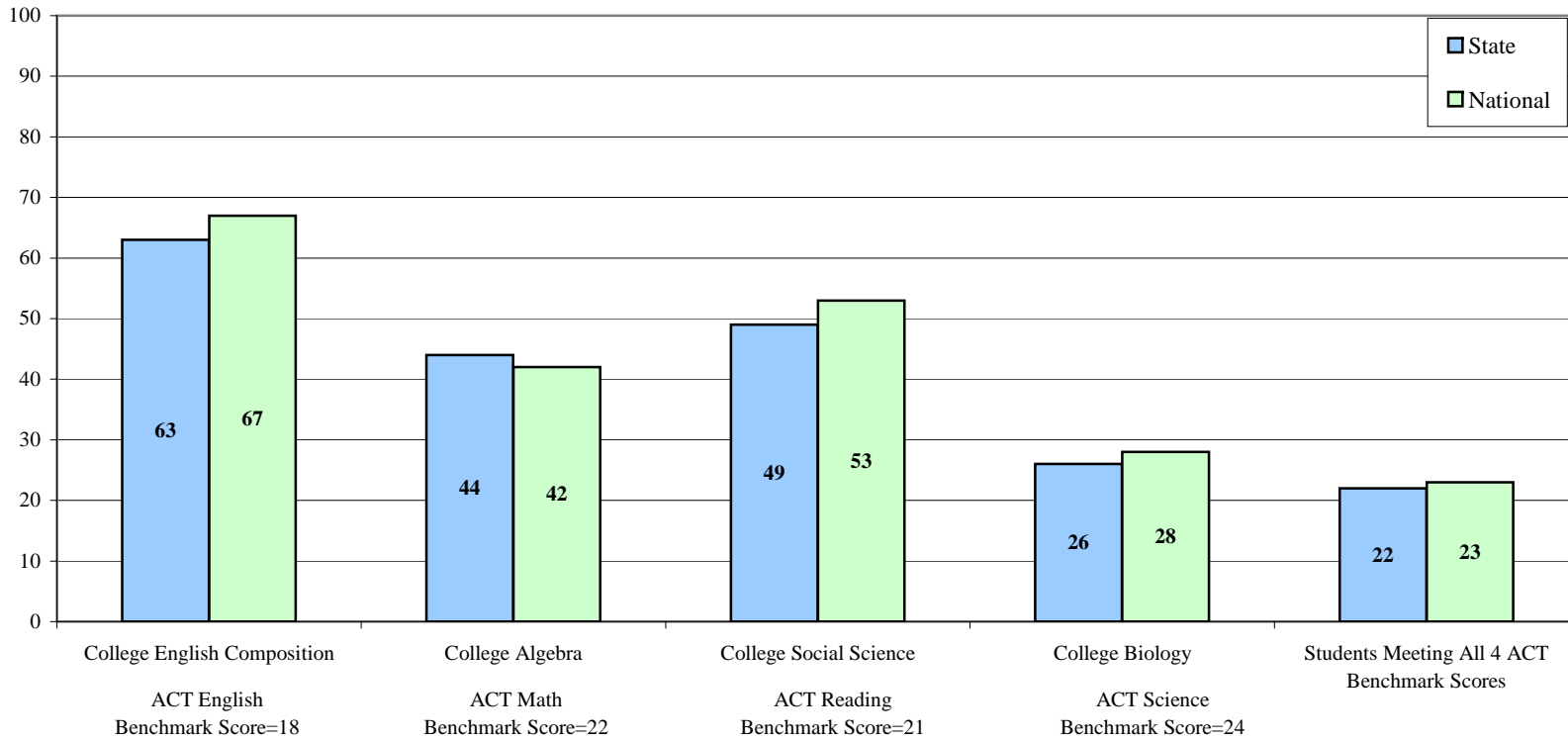
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 512-345-1949.

Section I

Executive Summary

Total Students in Report: 82,640

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: 82,640

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	72,294	1,186,251	60	68	37	41	45	51	21	26	17	21
2006	73,524	1,206,455	61	69	40	42	46	53	22	27	18	21
2007	76,542	1,300,599	62	69	41	43	47	53	24	28	19	23
2008	79,050	1,421,941	63	68	44	43	49	53	25	28	20	22
2009	82,640	1,480,469	63	67	44	42	49	53	26	28	22	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	72,294	1,186,251	19.3	20.4	20.3	20.7	20.3	21.3	20.2	20.9	20.2	20.9
2006	73,524	1,206,455	19.4	20.6	20.6	20.8	20.5	21.4	20.3	20.9	20.3	21.1
2007	76,542	1,300,599	19.5	20.7	20.8	21.0	20.6	21.5	20.4	21.0	20.5	21.2
2008	79,050	1,421,941	19.8	20.6	21.2	21.0	20.9	21.4	20.5	20.8	20.7	21.1
2009	82,640	1,480,469	19.9	20.6	21.3	21.0	20.9	21.4	20.6	20.9	20.8	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: 82,640

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	49,191	15,065	68	21	19.9	17.5	20.7	18.8	20.8	18.8	20.6	18.9	20.6	18.6
2006	49,010	15,718	67	21	19.9	18.0	21.0	19.4	20.9	19.3	20.7	19.3	20.7	19.1
2007	49,388	16,730	65	22	19.9	18.2	21.2	19.8	21.0	19.6	20.8	19.5	20.8	19.4
2008	61,358	12,346	78	16	20.2	18.1	21.5	19.7	21.2	19.3	20.8	19.2	21.1	19.2
2009	70,274	9,661	85	12	20.4	17.3	21.7	19.1	21.4	18.7	21.0	18.7	21.2	18.6

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	72,294	100	20.2	73,524	100	20.3	76,542	100	20.5	79,050	100	20.7	82,640	100	20.8
African American/Black	9,527	13	17.0	9,225	13	17.1	9,205	12	17.0	9,772	12	17.2	10,479	13	17.3
American Indian/Alaska Native	394	1	20.9	418	1	21.3	430	1	21.1	460	1	21.5	446	1	21.4
Caucasian American/White	35,668	49	21.9	33,959	46	22.1	34,699	45	22.2	37,841	48	22.4	39,205	47	22.8
Hispanic	17,969	25	17.9	18,111	25	18.0	18,493	24	18.1	20,198	26	18.4	22,526	27	18.4
Asian American/Pacific Islander	2,135	3	22.5	2,222	3	22.9	2,391	3	23.2	2,897	4	23.8	3,589	4	24.3
Other/No Response	6,601	9	20.5	9,589	13	20.8	11,324	15	21.4	7,882	10	21.7	6,395	8	20.8

Section II

Academic Achievement

Total Students in Report: 82,640

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	228	100	264	100	804	100	186	100	34	100	36
35	727	100	534	100	326	99	356	100	196	100	35
34	1,057	99	881	99	1,184	99	479	99	412	100	34
33	920	98	1,135	98	1,815	97	427	99	684	99	33
32	1,023	96	917	97	1,560	95	494	98	971	98	32
31	1,111	95	1,270	95	2,034	93	810	98	1,283	97	31
30	1,609	94	1,071	94	2,462	91	974	97	1,646	96	30
29	1,675	92	2,136	93	1,991	88	1,317	95	1,918	94	29
28	2,007	90	2,650	90	2,405	85	1,567	94	2,390	91	28
27	2,095	87	3,070	87	2,608	82	2,103	92	2,969	88	27
26	2,868	85	4,224	83	2,549	79	2,992	89	3,308	85	26
25	3,793	81	4,393	78	2,694	76	5,536	86	3,978	81	25
24	3,639	77	5,187	73	3,684	73	4,435	79	4,539	76	24
23	4,133	72	4,612	66	4,282	68	5,750	74	4,867	71	23
22	4,890	67	4,072	61	4,333	63	5,968	67	5,438	65	22
21	5,636	62	4,867	56	5,674	58	6,738	60	5,818	58	21
20	5,591	55	4,333	50	4,960	51	8,970	51	5,928	51	20
19	4,925	48	5,298	45	5,530	45	7,330	41	6,110	44	19
18	4,016	42	6,135	38	3,861	38	6,246	32	5,988	36	18
17	4,234	37	7,982	31	4,950	34	3,869	24	5,859	29	17
16	4,645	32	8,781	21	5,412	28	4,084	19	5,127	22	16
15	5,163	26	5,260	11	4,142	21	2,923	15	4,457	16	15
14	3,293	20	2,263	4	4,421	16	2,459	11	3,598	11	14
13	2,813	16	785	2	3,307	11	2,287	8	2,489	6	13
12	2,570	13	298	1	2,319	7	1,519	5	1,492	3	12
11	2,353	10	123	1	1,652	4	1,317	3	663	1	11
10	2,068	7	47	1	781	2	601	2	301	1	10
9	1,595	4	21	1	366	1	524	1	109	1	9
8	961	2	12	1	258	1	159	1	40	1	8
7	588	1	1	1	101	1	72	1	15	1	7
6	248	1	11	1	49	1	79	1	12	1	6
5	120	1	0	1	75	1	29	1	1	1	5
4	21	1	4	1	27	1	11	1	0	1	4
3	19	1	1	1	1	1	19	1	0	1	3
2	3	1	0	1	20	1	0	1	0	1	2
1	3	1	2	1	3	1	10	1	0	1	1
Avg (SD)	19.9 (6.3)		21.3 (5.2)		20.9 (6.3)		20.6 (5.0)		20.8 (5.2)		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: 82,640

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	2,649	100	902	100	2,488	100	3,889	100	3,484	100	827	100	921	100	18
17	2,734	97	748	99	2,775	97	3,269	95	4,905	96	1,057	99	392	99	17
16	3,189	93	3,733	98	3,591	94	6,557	91	4,039	90	2,243	98	2,901	98	16
15	3,616	90	4,439	93	4,520	89	6,454	83	5,037	85	2,596	95	4,147	95	15
14	3,463	85	5,127	88	3,885	84	6,485	76	5,452	79	7,434	92	5,934	90	14
13	4,913	81	6,057	82	5,161	79	3,868	68	5,771	72	6,353	83	9,636	83	13
12	5,766	75	8,715	75	6,320	73	5,992	63	7,912	65	9,146	75	6,911	71	12
11	6,793	68	8,293	64	6,459	65	7,508	56	7,348	56	9,914	64	10,368	63	11
10	9,063	60	10,298	54	8,793	57	6,544	47	8,252	47	16,038	52	11,865	50	10
9	8,689	49	9,234	42	9,985	47	5,871	39	7,234	37	10,716	33	10,176	36	9
8	6,582	38	7,868	30	10,000	35	7,723	32	9,846	28	7,159	20	7,997	23	8
7	7,330	30	6,242	21	8,080	23	5,724	22	8,602	16	4,119	11	3,907	14	7
6	6,567	22	3,141	13	4,959	13	5,062	15	3,174	6	1,378	6	3,072	9	6
5	4,627	14	3,405	9	2,572	7	4,562	9	919	2	1,961	4	1,762	5	5
4	3,661	8	2,584	5	989	4	1,899	4	415	1	773	2	1,242	3	4
3	1,975	4	1,419	2	1,065	2	842	1	167	1	562	1	887	2	3
2	867	1	360	1	638	1	357	1	74	1	161	1	261	1	2
1	156	1	75	1	360	1	34	1	9	1	203	1	261	1	1
Avg (SD)	9.8 (3.9)		10.2 (3.4)		10.3 (3.6)		11.0 (4.0)		11.2 (3.5)		10.6 (2.8)		10.6 (3.1)		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)	24	25	25	24	24
Q2 (50th Percentile)	20	20	20	20	20
Q1 (25th Percentile)	15	17	16	18	17

Total Students in Report: 82,640

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	82,640	85	21.2	18.6
	African American/Black	10,479	82	17.5	16.0
	American Indian/Alaska Native	446	88	21.9	18.5
	Caucasian American/White	39,205	89	23.0	20.8
	Hispanic	22,526	78	18.9	17.1
	Asian American/Pacific Islander	3,589	92	24.5	22.4
	Other/No Response	6,395	83	21.3	18.9
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	19.9	21.3	20.9	20.6	20.8
	African American/Black	16.0	17.8	17.1	17.5	17.3
	American Indian/Alaska Native	20.6	21.6	21.8	21.2	21.4
	Caucasian American/White	22.2	23.0	23.1	22.2	22.8
	Hispanic	17.0	19.2	18.4	18.7	18.4
	Asian American/Pacific Islander	23.5	26.0	23.7	23.5	24.3
	Other/No Response	19.9	21.3	21.0	20.6	20.8
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: 82,640

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	2,932	4	2,814	3	4,129	5	1,448	2
	28 to 32	7,425	9	8,044	10	10,452	13	5,162	6
	24 to 27	12,395	15	16,874	20	11,535	14	15,066	18
	20 to 23	20,250	25	17,884	22	19,249	23	27,426	33
	16 to 19	17,820	22	28,196	34	19,753	24	21,529	26
	13 to 15	11,269	14	8,308	10	11,870	14	7,669	9
	01 to 12	10,549	13	520	1	5,652	7	4,340	5
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	37,219	45	19.6	21.9	20.9	21.1	21.0
	Females	45,246	55	20.2	20.7	20.9	20.2	20.6
	Missing	175	0	22.1	23.1	22.9	22.0	22.7
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	60	49	49	31	25
	Females	65	40	49	22	19
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 82,640

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	70,274	66	20.4	48	21.7	52	21.4	29	21.0	24	21.2
	Less than Core	9,661	46	17.3	26	19.1	33	18.7	14	18.7	11	18.6
	Missing	2,705	35	15.6	18	18.1	24	17.2	8	17.8	5	17.3
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	78,766	64	20.1	78,814	45	21.4	78,184	50	21.1	72,972	28	20.9
	Less than Core	1,373	47	17.2	1,243	11	16.9	1,875	37	19.4	7,069	12	18.4
	Missing	2,501	35	15.7	2,583	18	18.1	2,581	24	17.2	2,599	8	17.9
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.

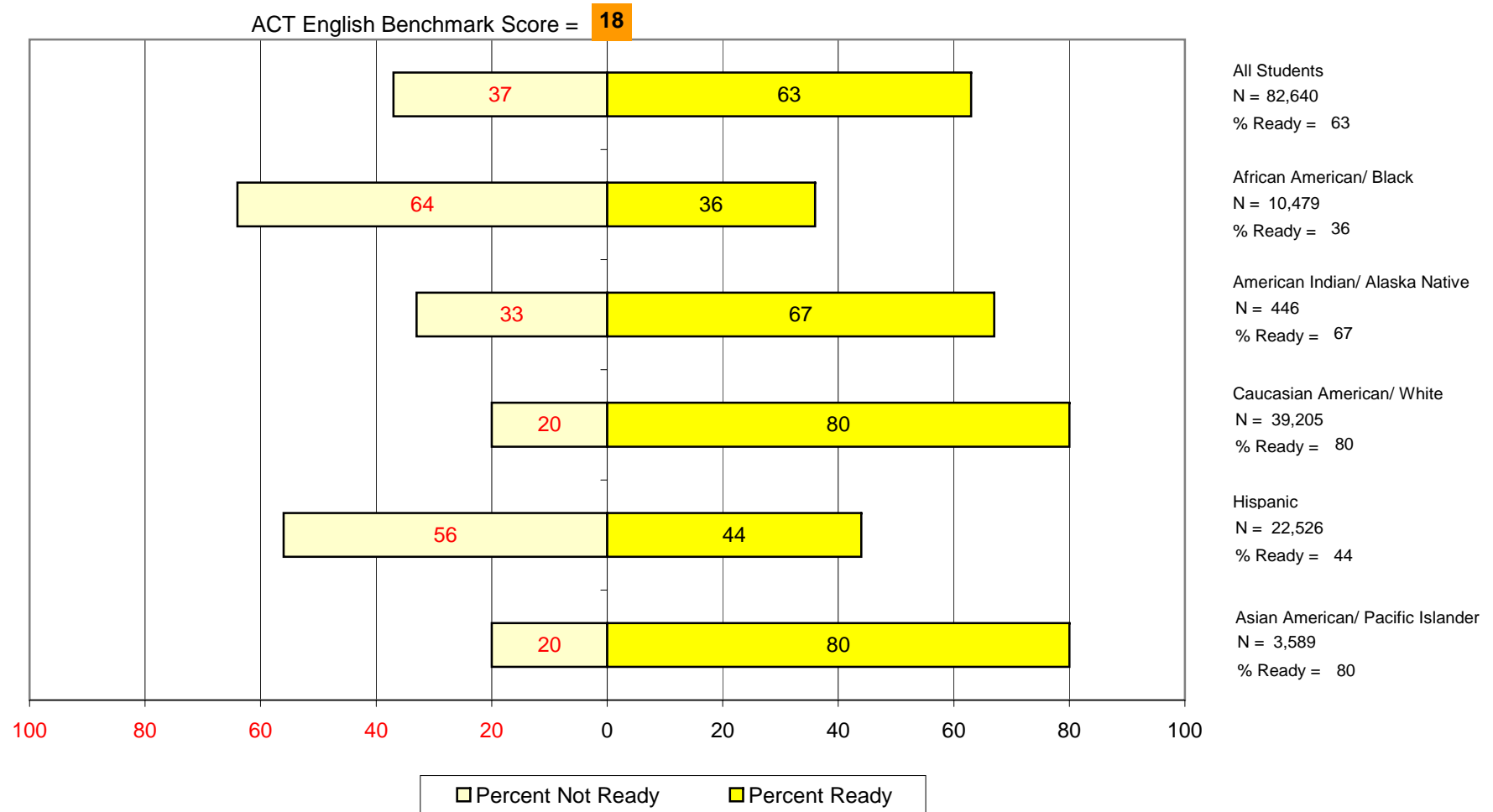
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

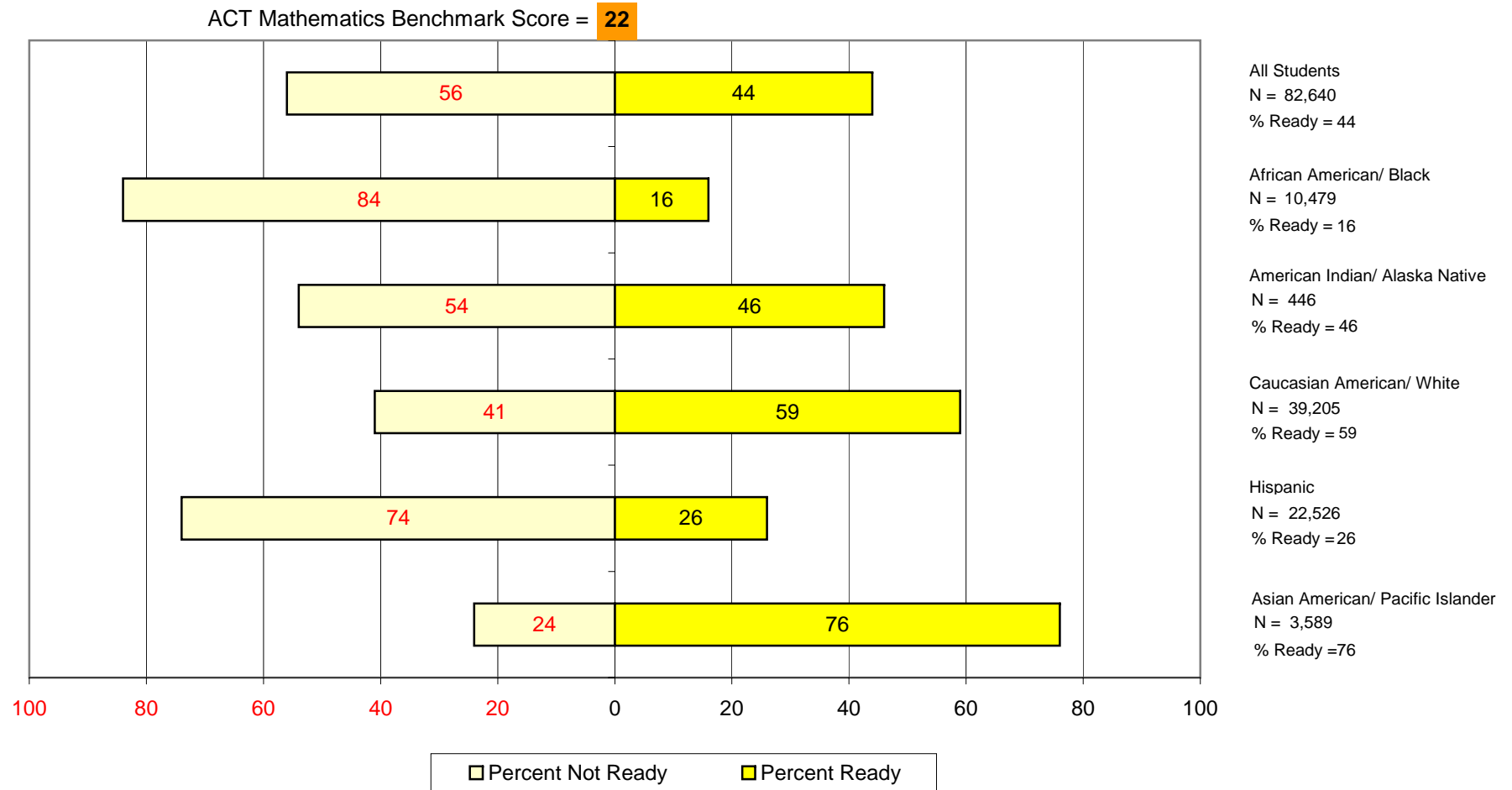
Total Students in Report: 82,640

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



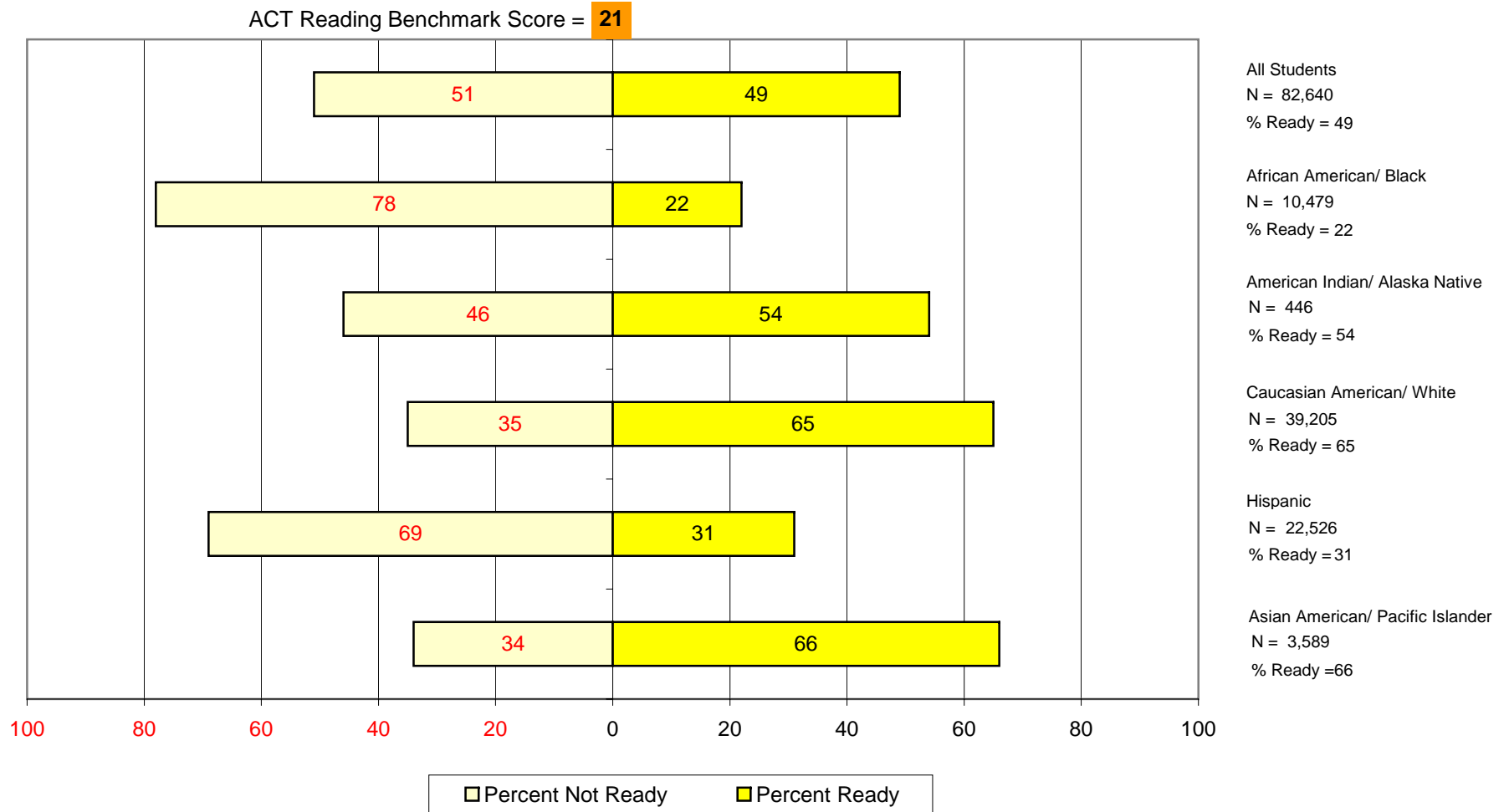
Total Students in Report: 82,640

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



Total Students in Report: 82,640

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



All Students
N = 82,640
% Ready = 49

African American/ Black
N = 10,479
% Ready = 22

American Indian/ Alaska Native
N = 446
% Ready = 54

Caucasian American/ White
N = 39,205
% Ready = 65

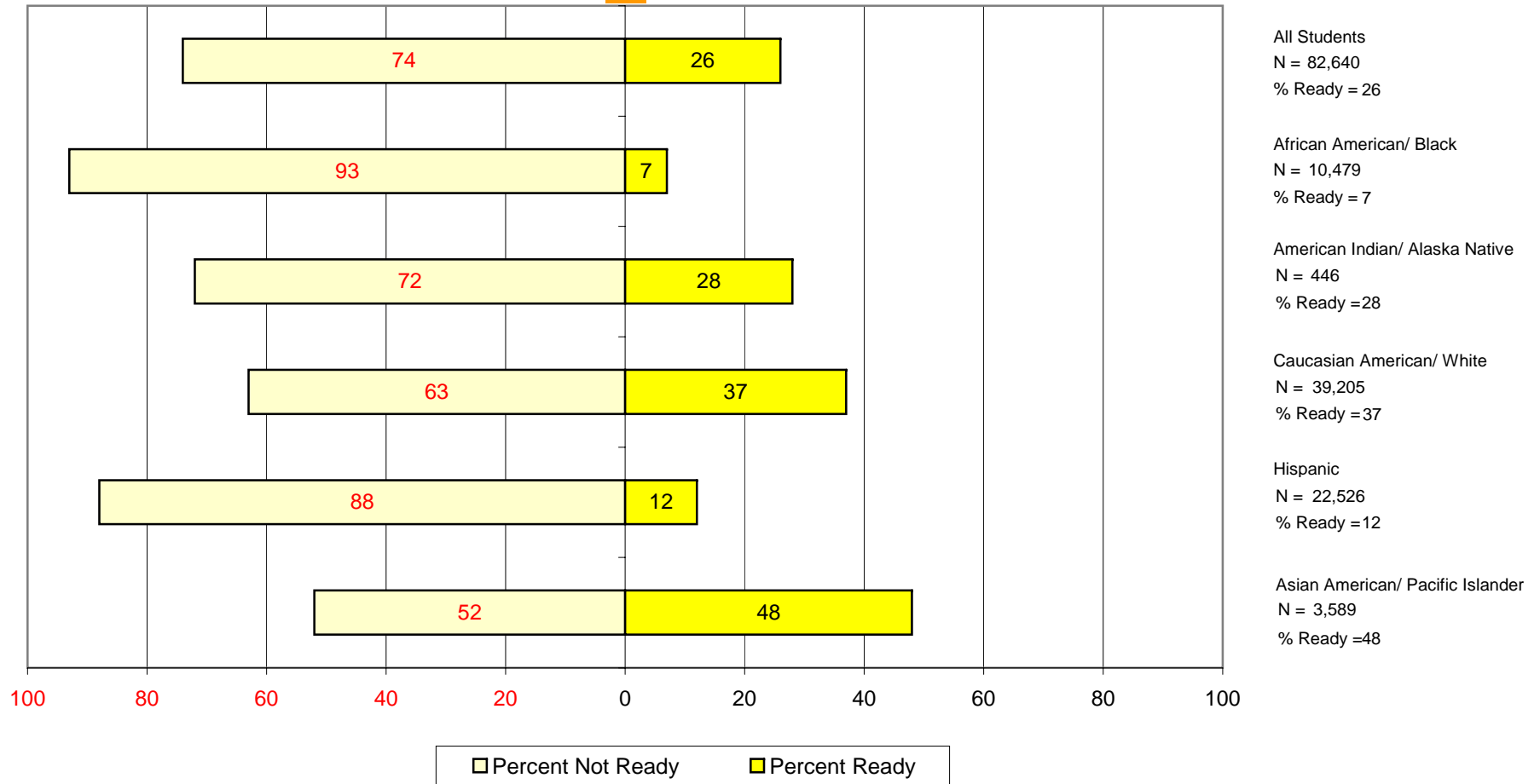
Hispanic
N = 22,526
% Ready = 31

Asian American/ Pacific Islander
N = 3,589
% Ready = 66

Total Students in Report: 82,640

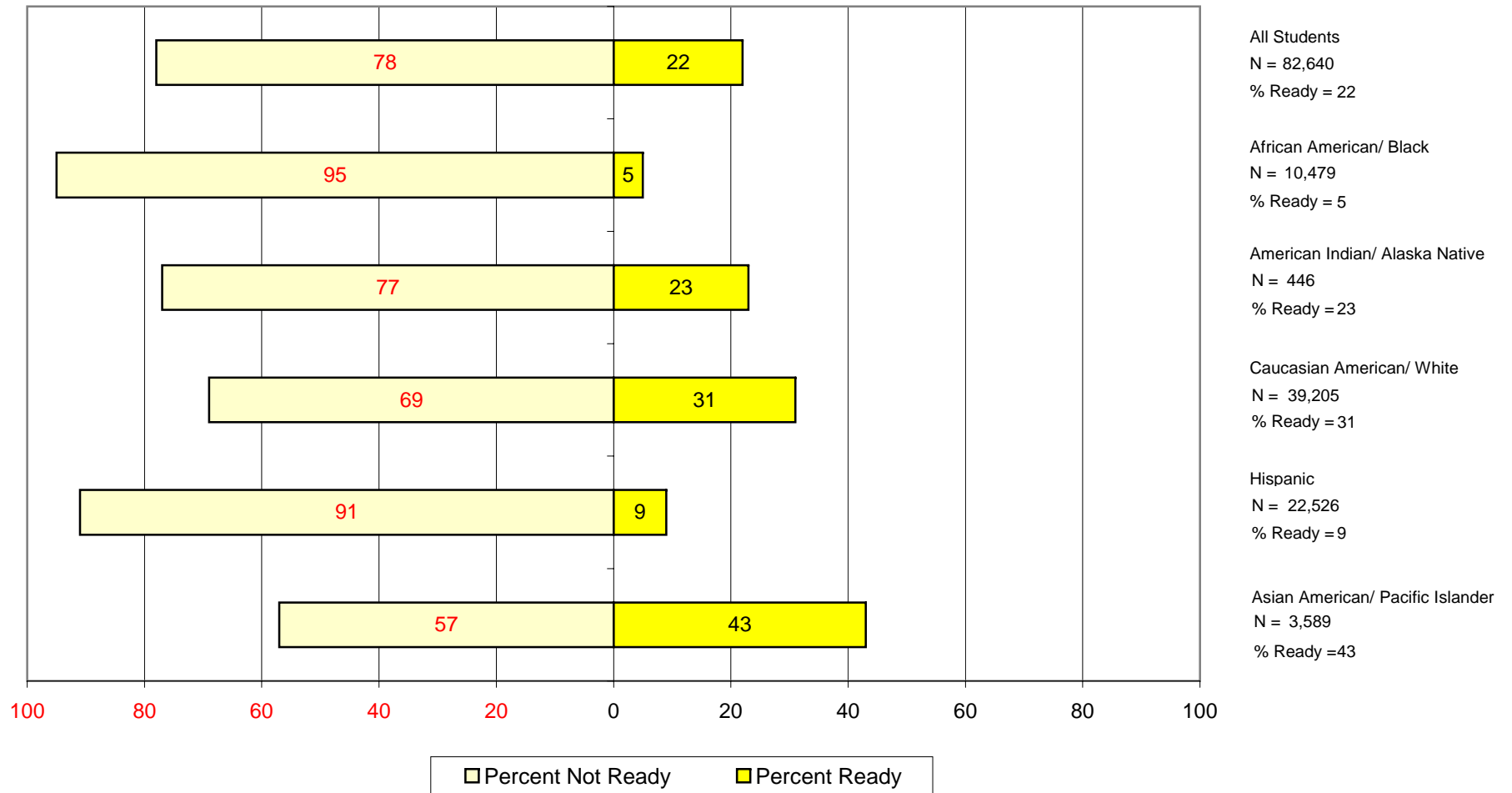
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 82,640

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



Total Students in Report: 82,640

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	13,377	16	20.7	3.5	5,885	16	20.2	3.4	7,471	17	21.0	3.3
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	65,389	79	20.0	2.8	29,452	79	19.7	2.9	35,806	79	20.2	2.5
Less than 4 years of English	1,434	2	17.2	-	676	2	16.8	-	751	2	17.7	-
No English course/grade information reported	2,440	3	15.6	-	1,206	3	15.5	-	1,218	3	15.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,963	4	24.7	7.7	1,396	4	25.3	8.2	1,557	3	24.2	7.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,542	3	23.0	6.0	978	3	23.4	6.3	1,563	3	22.8	6.0
Alg 1, Alg 2, Geom, & Trig	1,853	2	20.8	3.8	789	2	21.2	4.1	1,058	2	20.5	3.7
Alg 1, Alg 2, Geom, & Other Adv Math	17,150	21	20.9	3.9	6,447	17	21.3	4.2	10,674	24	20.6	3.8
Other comb of 4 or more years of Math	29,022	35	23.9	6.9	14,766	40	24.6	7.5	14,186	31	23.2	6.4
Alg 1, Alg 2, & Geom (Min. Core)	18,620	23	17.7	0.7	7,852	21	18.0	0.9	10,740	24	17.5	0.7
Other comb of 3 or 3.5 years of Math	6,664	8	20.6	3.6	3,065	8	20.9	3.8	3,586	8	20.4	3.6
Less than 3 years of Math	1,335	2	17.0	-	684	2	17.1	-	649	1	16.8	-
No Math course/grade information reported	2,491	3	18.1	-	1,242	3	18.5	-	1,233	3	17.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	430	1	23.3	4.0	244	1	22.6	3.4	186	0	24.2	4.8
Other comb of 4 or more years Social Science	69,057	84	21.3	2.0	30,462	82	21.3	2.1	38,468	85	21.3	1.9
US Hist, World Hist, & Am Gov (Min. Core)	442	1	19.5	0.2	229	1	19.5	0.3	213	0	19.5	0.1
Other comb of 3 or 3.5 years of Social Science	8,255	10	19.5	0.2	4,049	11	19.7	0.5	4,185	9	19.3	-0.1
Less than 3 years of Social Science	1,936	2	19.3	-	987	3	19.2	-	938	2	19.4	-
No Soc Sci course/grade information reported	2,520	3	17.2	-	1,248	3	17.2	-	1,256	3	17.1	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	32,970	40	21.5	3.1	16,197	44	22.1	3.5	16,703	37	21.0	2.7
Bio, Chem, Phys	20,909	25	21.7	3.3	8,953	24	22.5	3.9	11,913	26	21.1	2.8
Gen Sci ² , Bio, Chem (Min. Core)	18,102	22	18.9	0.5	7,591	20	18.9	0.3	10,482	23	18.9	0.6
Other comb of 3 years of Natural Science	991	1	19.7	1.3	502	1	20.1	1.5	487	1	19.2	0.9
Less than 3 years of Natural Science	7,158	9	18.4	-	2,733	7	18.6	-	4,410	10	18.3	-
No Nat Sci course/grade information reported	2,510	3	17.8	-	1,243	3	18.1	-	1,251	3	17.6	-

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 82,640

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	13,377	16	20.7	69	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	65,389	79	20.0	63	1,029,431	70	20.6	68
Less than 4 years of English	1,434	2	17.2	47	74,090	5	16.7	42
No English course/grade information reported	2,440	3	15.6	35	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,963	4	24.7	72	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,542	3	23.0	64	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	1,853	2	20.8	43	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	17,150	21	20.9	43	220,868	15	20.1	36
Other comb of 4 or more years of Math	29,022	35	23.9	65	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	18,620	23	17.7	13	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	6,664	8	20.6	38	70,732	5	20.1	35
Less than 3 years of Math	1,335	2	17.0	12	105,591	7	16.5	7
No Math course/grade information reported	2,491	3	18.1	18	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	430	1	23.3	64	46,754	3	22.8	61
Other comb of 4 or more years Social Science	69,057	84	21.3	51	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	442	1	19.5	38	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	8,255	10	19.5	39	420,236	28	21.3	52
Less than 3 years of Social Science	1,936	2	19.3	37	152,775	10	19.7	40
No Soc Sci course/grade information reported	2,520	3	17.2	24	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	32,970	40	21.5	33	563,824	38	22.2	39
Bio, Chem, Phys	20,909	25	21.7	34	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	18,102	22	18.9	14	459,833	31	20.1	21
Other comb of 3 years of Natural Science	991	1	19.7	17	41,353	3	19.8	21
Less than 3 years of Natural Science	7,158	9	18.4	12	233,215	16	18.4	11
No Nat Sci course/grade information reported	2,510	3	17.8	8	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 82,640

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	1,595	2	19.3	87	3	16.2	1,436	2	19.5
Architecture & Environmental Design	1,946	2	20.4	49	2	15.9	1,765	2	20.6
Business & Management	9,589	12	20.8	187	7	16.0	8,715	12	21.0
Business & Office	674	1	18.5	58	2	14.9	555	1	19.2
Marketing & Distribution	882	1	20.2	15	1	17.7	806	1	20.3
Communications & Comm. Technologies	2,615	3	21.6	40	1	16.0	2,415	3	21.7
Community & Personal Services	1,798	2	17.9	165	6	15.7	1,508	2	18.3
Computer & Information Sciences	1,744	2	21.3	86	3	17.5	1,522	2	21.7
Cross-Disciplinary Studies	162	0	24.4	3	0	16.7	145	0	24.7
Education	3,306	4	19.8	64	2	15.8	3,036	4	20.0
Teacher Education	2,471	3	18.6	94	3	15.0	2,182	3	18.9
Engineering	4,941	6	23.3	98	3	15.6	4,584	6	23.6
Engineering-Related Technologies	3,105	4	21.6	111	4	15.6	2,812	4	21.8
Foreign Languages	307	0	22.9	8	0	15.9	275	0	23.2
Health Sciences & Allied Health Fields	16,779	20	20.2	830	29	16.4	14,992	21	20.5
Human, Family & Consumer Science	839	1	18.8	64	2	15.8	702	1	19.3
Letters	414	1	24.9	3	0	19.7	388	1	25.0
Mathematics	609	1	22.7	13	0	15.3	555	1	23.1
Philosophy, Religion & Theology	504	1	22.7	11	0	17.2	448	1	23.0
Sciences (Biological & Physical)	4,979	6	23.3	38	1	16.0	4,676	7	23.4
Social Sciences	4,915	6	21.6	41	1	16.8	4,633	7	21.7
Trade & Industrial	417	1	17.1	169	6	16.1	218	0	18.0
Visual & Performing Arts	4,399	5	21.1	183	6	16.3	3,870	5	21.4
Undecided	10,049	12	21.0	396	14	15.8	8,327	12	21.3
No Response	3,601	4	17.6	32	1	14.7	376	1	19.3

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: 82,640

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	435	16.3	47	14.8	1	16.0	154	17.6	199	15.4	4	22.0	30	16.9
2-yr College Degree	2,410	16.0	351	14.6	11	16.4	715	17.8	1,099	15.3	23	16.9	211	15.7
Bachelors Degree	32,869	19.8	4,167	16.4	206	20.5	17,649	21.6	8,084	17.7	700	21.3	2,063	19.5
Graduate Study	14,338	23.0	1,424	18.5	69	22.2	8,459	24.4	2,711	20.5	648	25.0	1,027	22.9
Prof. Level Degree	23,734	22.1	3,471	18.5	117	23.7	9,258	24.3	6,973	19.9	1,856	25.4	2,059	22.3
Other	1,731	18.0	310	15.5	11	19.5	595	20.1	559	16.9	76	20.2	180	17.9
No Response	7,123	19.2	709	15.9	31	20.1	2,375	22.3	2,901	16.8	282	24.4	825	20.1

Total Students in Report: 82,640

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	
UNIV OF TEXAS AT AUSTIN	Texas	14,142	4,722	9,420	2	7	19	28	25	17	2	
TEXAS A&M UNIVERSITY-MAIN CAMPUS	Texas	13,267	4,925	8,342	1	5	18	31	28	15	2	
TEXAS TECH UNIVERSITY	Texas	9,569	2,813	6,756	2	7	24	35	23	9	1	
TEXAS STATE UNIVERSITY-SAN MARCOS	Texas	8,028	2,283	5,745	2	11	33	34	16	4	0	
BAYLOR UNIVERSITY	Texas	7,595	2,308	5,287	1	6	21	31	26	14	1	
UNIV OF TEXAS AT SAN ANTONIO	Texas	6,305	1,364	4,941	4	16	37	28	11	3	0	
UNIVERSITY OF NORTH TEXAS	Texas	6,189	1,753	4,436	2	10	29	31	19	8	0	
UNIV OF TEXAS PAN AMERICAN	Texas	4,919	2,592	2,327	6	28	42	18	5	1	0	
UNIVERSITY OF HOUSTON-MAIN CAMPUS	Texas	4,578	1,238	3,340	4	15	35	27	13	5	1	
STEPHEN F AUSTIN STATE UNIVERSITY	Texas	3,572	839	2,733	3	14	37	29	14	4	0	
SAM HOUSTON STATE UNIVERSITY	Texas	3,544	1,033	2,511	3	15	39	29	12	2	0	
TEXAS CHRISTIAN UNIVERSITY	Texas	3,438	745	2,693	2	7	20	31	27	13	1	
UNIV OF TEXAS AT ARLINGTON	Texas	3,065	857	2,208	3	14	31	29	17	5	0	
TEXAS A&M UNIVERSITY-CORPUS CHRISTI	Texas	2,982	659	2,323	4	20	40	24	9	2	0	
RICE UNIVERSITY	Texas	2,819	827	1,992	1	3	12	19	24	32	8	
SOUTH TEXAS COLLEGE	Texas	2,721	776	1,945	9	36	42	11	2	0	0	
TEXAS A & M UNIVERSITY-KINGSVILLE	Texas	2,442	594	1,848	6	25	43	20	6	1	0	
NCAA ELIGIBILITY CENTER	Indiana	2,424	1,233	1,191	4	16	30	28	15	6	0	
ANGELO STATE UNIVERSITY	Texas	2,374	879	1,495	2	12	37	32	14	3	0	
UNIVERSITY OF OKLAHOMA	Oklahoma	2,013	579	1,434	0	3	12	32	34	17	2	
TARLETON STATE UNIVERSITY	Texas	1,982	633	1,349	2	11	35	33	15	4	0	
WEST TEXAS A&M UNIVERSITY	Texas	1,889	632	1,257	2	13	34	30	16	4	0	
SOUTHERN METHODIST UNIVERSITY	Texas	1,848	379	1,469	1	6	15	25	30	21	3	
PRAIRIE VIEW A & M UNIVERSITY	Texas	1,488	484	1,004	9	31	42	15	3	0	0	
ABILENE CHRISTIAN UNIVERSITY	Texas	1,437	500	937	1	8	25	32	22	10	1	
UNIV OF TEXAS AT DALLAS	Texas	1,428	329	1,099	3	9	23	28	22	14	2	
BLINN COLLEGE	Texas	1,342	298	1,044	3	13	36	32	14	2	0	
ST EDWARD'S UNIVERSITY	Texas	1,270	335	935	2	9	29	31	21	8	0	
UNIV OF TEXAS AT TYLER THE	Texas	1,182	286	896	2	10	32	34	17	4	0	
OKLAHOMA STATE UNIVERSITY	Oklahoma	1,169	273	896	1	6	20	36	27	10	1	
All Other Institutions		77,759	20,935	56,824	4	14	27	24	17	11	2	
Total		198,780	58,103	140,677	3	12	28	27	18	10	1	

Section V Optional Writing Test Results

Total Students in Report: 82,640

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	58,944	814,713	20.5	21.5	6.7	7.2	19.7	20.8
African American/Black	6,159	96,225	16.7	16.5	6.2	6.4	16.5	16.5
American Indian/Alaska Native	294	5,489	21.2	18.9	7.0	6.7	20.4	18.5
Caucasian American/White	27,243	497,164	22.9	22.8	7.0	7.3	21.7	21.9
Hispanic	17,476	85,681	17.3	18.4	6.4	7.0	17.1	18.4
Asian American/Pacific Islander	2,996	44,716	24.2	23.5	7.5	7.6	23.1	22.8
Other/No Response	4,776	85,438	20.5	21.4	6.8	7.2	19.8	20.8
Males	25,587	357,025	20.2	21.1	6.5	6.9	19.3	20.3
Females	33,232	455,190	20.7	21.7	6.9	7.4	20.0	21.2
Missing	125	2,498	22.7	22.1	6.8	7.2	21.4	21.3

