

ACT High School Profile Report

The Graduating Class of 2007
Texas



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Texas

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This report provides information about the performance of your 2007 graduating seniors who took the ACT as sophomores, juniors, or seniors.

This report focuses on :

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

19% of 2007 graduates met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT. 76,542 ACT-tested graduates are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY. Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 65% 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 6% of the cohort took less than three years of math courses. Of these students, 35% were college ready. 25% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 14% of these students were college ready. In comparison, 54% of the students who advanced beyond minimum core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 13% of the cohort took less than three years of natural science courses. 15% of these students were college ready. In comparison, 26% 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 48% 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.

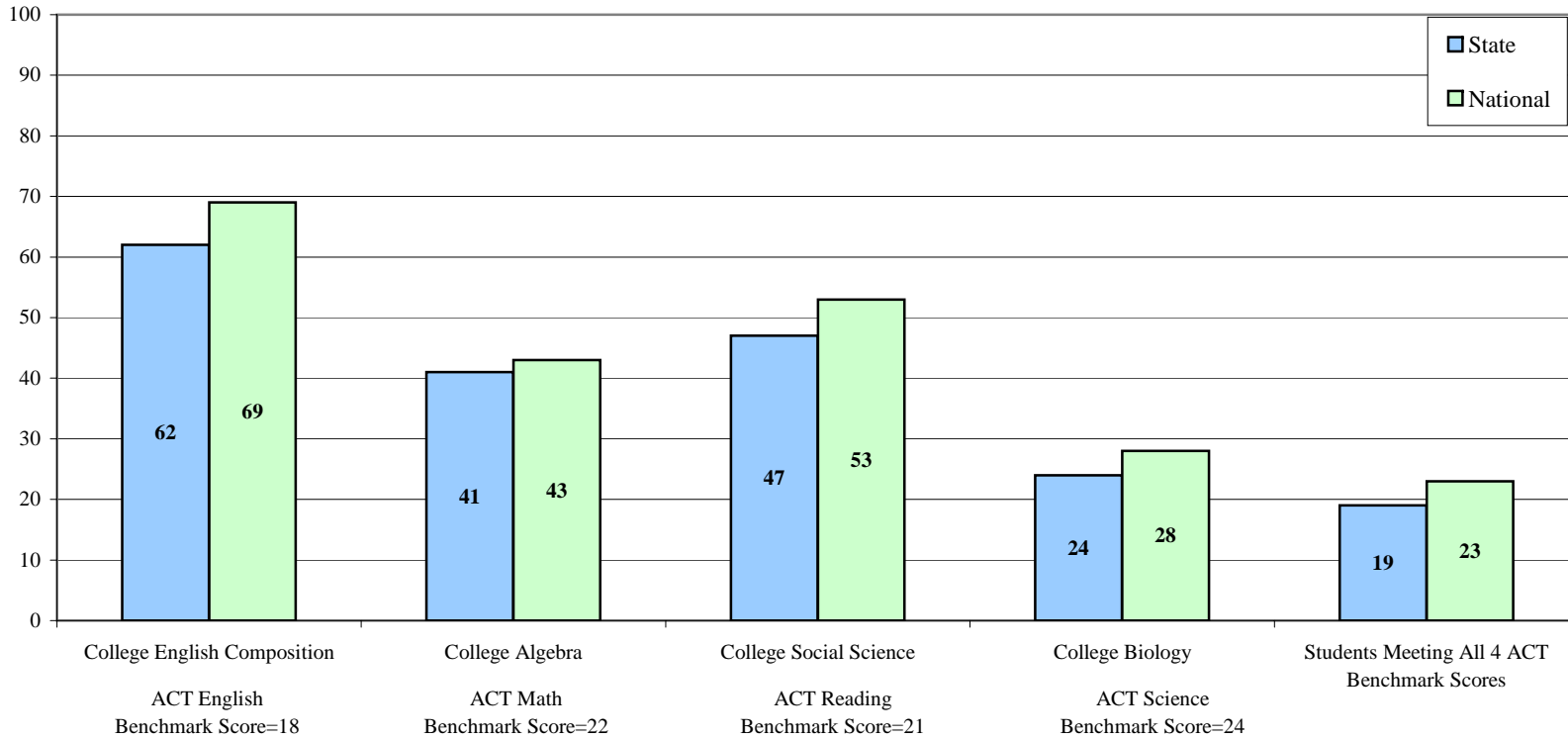
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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

Figure 1.1. Percent of ACT-Tested Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

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

Grad Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2003	73,145	1,175,059	61	67	35	40	45	52	21	26	16	20
2004	71,696	1,171,460	61	68	36	40	46	52	21	26	17	21
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

Table 1.2. Five Year Trends—Average ACT Scores

Grad Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2003	73,145	1,175,059	19.3	20.3	20.0	20.6	20.3	21.2	20.1	20.8	20.1	20.8
2004	71,696	1,171,460	19.4	20.4	20.3	20.7	20.5	21.3	20.2	20.9	20.2	20.9
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2

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

Grad Year	Number of Students Tested		Percent ¹		Average ACT Scores									
	Core or More	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2003	52,476	14,187	72	19	19.9	17.2	20.5	18.2	20.8	18.5	20.5	18.7	20.6	18.3
2004	50,365	14,405	70	20	20.0	17.5	20.7	18.6	20.9	18.8	20.6	18.8	20.7	18.6
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

¹Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five-Year Trends—Number, Percentage, and Average Composite Score for ACT-Tested Graduates by Race/Ethnicity

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	73,145	100	20.1	71,696	100	20.2	72,294	100	20.2	73,524	100	20.3	76,542	100	20.5
African American/Black	9,260	13	16.8	9,083	13	17.1	9,527	13	17.0	9,225	13	17.1	9,205	12	17.0
American Indian/Alaska Native	336	0	20.5	377	1	20.6	394	1	20.9	418	1	21.3	430	1	21.1
Caucasian American/White	38,238	52	21.7	35,964	50	21.9	35,668	49	21.9	33,959	46	22.1	34,699	45	22.2
Hispanic	17,495	24	17.9	17,537	24	17.9	17,969	25	17.9	18,111	25	18.0	18,493	24	18.1
Asian American/Pacific Islander	2,145	3	22.1	2,070	3	22.3	2,135	3	22.5	2,222	3	22.9	2,391	3	23.2
Other/No Response	5,671	8	20.6	6,665	9	20.6	6,601	9	20.5	9,589	13	20.8	11,324	15	21.4

Section II

Academic Achievement

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
36	57	100	145	100	265	100	167	100	8	100	36
35	394	100	341	100	655	100	379	100	116	100	35
34	702	99	482	99	958	99	158	99	253	100	34
33	659	98	490	99	1,141	98	496	99	421	100	33
32	657	98	727	98	1,344	96	483	98	640	99	32
31	992	97	1,065	97	1,617	94	418	98	871	98	31
30	1,213	95	1,089	96	1,672	92	868	97	1,200	97	30
29	1,408	94	1,758	94	1,879	90	903	96	1,603	95	29
28	1,900	92	2,068	92	2,506	88	998	95	2,043	93	28
27	1,948	90	2,784	89	2,705	84	1,885	94	2,620	91	27
26	2,461	87	3,521	86	2,566	81	2,751	91	2,963	87	26
25	3,614	84	4,162	81	2,799	77	4,071	88	3,767	83	25
24	3,275	79	4,722	76	3,764	74	4,786	82	4,263	78	24
23	3,542	75	3,941	69	4,929	69	4,945	76	4,605	73	23
22	4,389	70	4,165	64	3,106	62	7,149	70	5,060	67	22
21	5,126	64	4,408	59	3,794	58	6,698	60	5,589	60	21
20	5,898	58	4,448	53	5,828	53	7,966	51	5,715	53	20
19	5,057	50	5,371	47	4,433	46	6,480	41	5,815	45	19
18	3,875	43	5,637	40	3,550	40	6,425	33	5,772	38	18
17	3,724	38	6,867	33	4,565	35	4,675	24	5,485	30	17
16	4,899	34	8,577	24	5,045	29	2,989	18	4,902	23	16
15	4,461	27	5,201	13	3,456	23	2,655	14	4,140	17	15
14	4,097	21	2,915	6	4,149	18	2,150	11	3,297	11	14
13	2,606	16	918	2	3,253	13	1,575	8	2,388	7	13
12	2,275	13	428	1	3,074	9	1,453	6	1,559	4	12
11	1,922	10	163	1	1,557	5	1,219	4	820	2	11
10	1,702	7	74	1	942	3	1,061	2	373	1	10
9	1,173	5	32	1	348	1	341	1	156	1	9
8	1,343	3	19	1	232	1	214	1	57	1	8
7	695	2	4	1	168	1	94	1	27	1	7
6	270	1	11	1	98	1	44	1	11	1	6
5	146	1	0	1	82	1	15	1	1	1	5
4	46	1	6	1	33	1	15	1	2	1	4
3	9	1	1	1	6	1	9	1	0	1	3
2	5	1	0	1	16	1	3	1	0	1	2
1	2	1	2	1	7	1	4	1	0	1	1
Avg (SD)	19.5 (6.1)		20.8 (5.0)		20.6 (6.2)		20.4 (4.8)		20.5 (5.0)		Avg (SD)

¹Note: CP is the cumulative percent of students at or below a score point. Also, shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	1,401	100	312	100	1,048	100	2,237	100	1,655	100	586	100	606	100	18
17	2,865	98	902	100	3,293	99	3,845	97	3,338	98	589	99	466	99	17
16	2,252	94	2,406	98	3,006	94	4,945	92	3,899	93	1,779	98	1,579	99	16
15	2,510	91	3,673	95	3,285	90	5,605	86	4,191	88	2,834	96	3,536	97	15
14	4,327	88	4,462	90	4,108	86	4,889	78	5,855	83	4,800	92	5,369	92	14
13	4,335	83	5,147	85	3,914	81	5,897	72	6,913	75	7,481	86	7,056	85	13
12	5,425	77	7,245	78	8,170	76	6,410	64	6,941	66	6,959	76	8,314	76	12
11	6,279	70	9,989	68	7,274	65	5,237	56	6,920	57	9,357	67	9,193	65	11
10	8,165	62	9,442	55	7,306	55	6,532	49	7,784	48	12,395	55	11,186	53	10
9	7,225	51	8,400	43	7,888	46	6,514	40	6,550	38	10,934	39	11,038	38	9
8	7,931	41	8,960	32	9,530	36	5,514	32	8,224	29	7,297	25	6,470	24	8
7	6,657	31	5,658	20	5,689	23	5,159	25	8,896	19	4,377	15	5,125	15	7
6	5,374	22	3,681	13	4,654	16	6,766	18	3,590	7	2,812	9	2,029	9	6
5	5,296	15	2,928	8	2,669	10	3,808	9	1,077	2	2,364	6	1,747	6	5
4	3,344	8	2,127	4	2,406	6	2,303	4	462	1	617	3	1,214	4	4
3	2,021	4	882	2	1,278	3	592	1	167	1	1,095	2	912	2	3
2	948	1	287	1	623	1	244	1	60	1	7	1	354	1	2
1	187	1	41	1	401	1	45	1	20	1	259	1	348	1	1
Avg (SD)	9.6 (3.8)		10.1 (3.2)		10.1 (3.6)		10.8 (3.9)		10.9 (3.4)		10.3 (2.9)		10.4 (3.0)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values for All Students

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	24	24	25	23	24
Q2 (50th Percentile)	19	20	20	20	20
Q1 (25th Percentile)	15	17	16	18	17

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	76,542	65	20.8	19.4
	African Am./Black	9,205	65	17.4	16.1
	Am. Indian/Alaska Native	430	69	21.3	20.3
	Caucasian Am./White	34,699	67	22.5	21.2
	Hispanic	18,493	66	18.5	17.3
	Asian Am./Pacific Islander	2,391	73	23.4	22.6
	Other/No Response	11,324	53	21.7	20.4
National	All Students	1,300,599	51	22.0	19.8
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	19.5	20.8	20.6	20.4	20.5
	African Am./Black	15.6	17.5	16.9	17.3	17.0
	Am. Indian/Alaska Native	20.1	21.1	21.7	21.0	21.1
	Caucasian Am./White	21.6	22.2	22.5	21.9	22.2
	Hispanic	16.6	18.7	18.0	18.5	18.1
	Asian Am./Pacific Islander	22.0	24.7	22.8	22.8	23.2
	Other/No Response	20.5	21.7	21.6	21.2	21.4
National	All Students	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,812	2	1,458	2	3,019	4	1,200	2
	28 to 32	6,170	8	6,707	9	9,018	12	3,670	5
	24 to 27	11,298	15	15,189	20	11,834	15	13,493	18
	20 to 23	18,955	25	16,962	22	17,657	23	26,758	35
	16 to 19	17,555	23	26,452	35	17,593	23	20,569	27
	13 to 15	11,164	15	9,034	12	10,858	14	6,380	8
	01 to 12	9,588	13	740	1	6,563	9	4,472	6
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	31,898	42	18.9	21.3	20.2	20.8	20.4
	Females	39,811	52	19.8	20.3	20.8	20.0	20.3
	Missing	4,833	6	20.9	22.0	22.0	21.4	21.7
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	58	45	44	27	22
	Females	64	37	48	20	17
National	Males	66	47	51	32	26
	Females	71	38	53	24	20

Section III

College Readiness and the Impact of Course Rigor

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

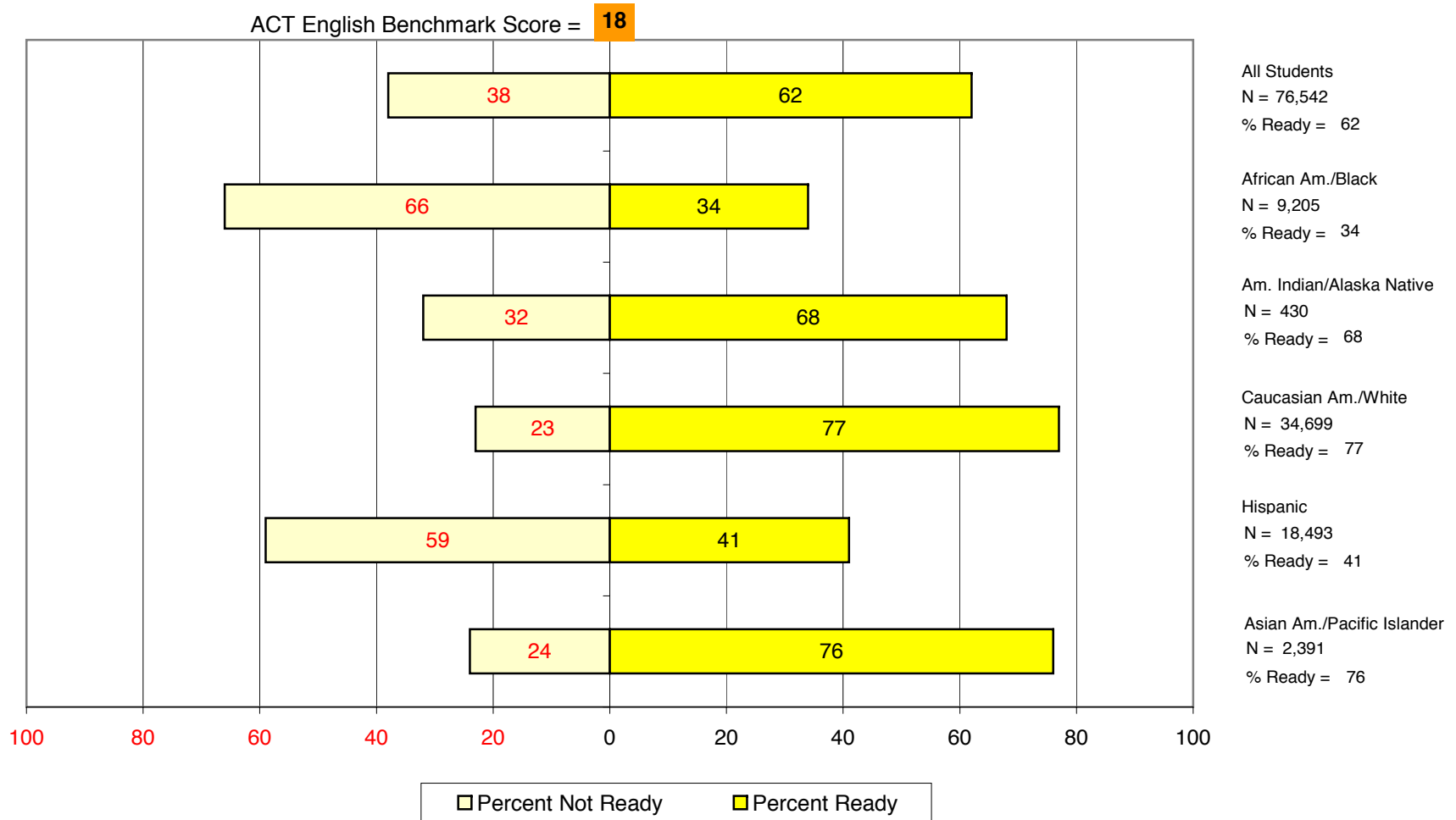


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

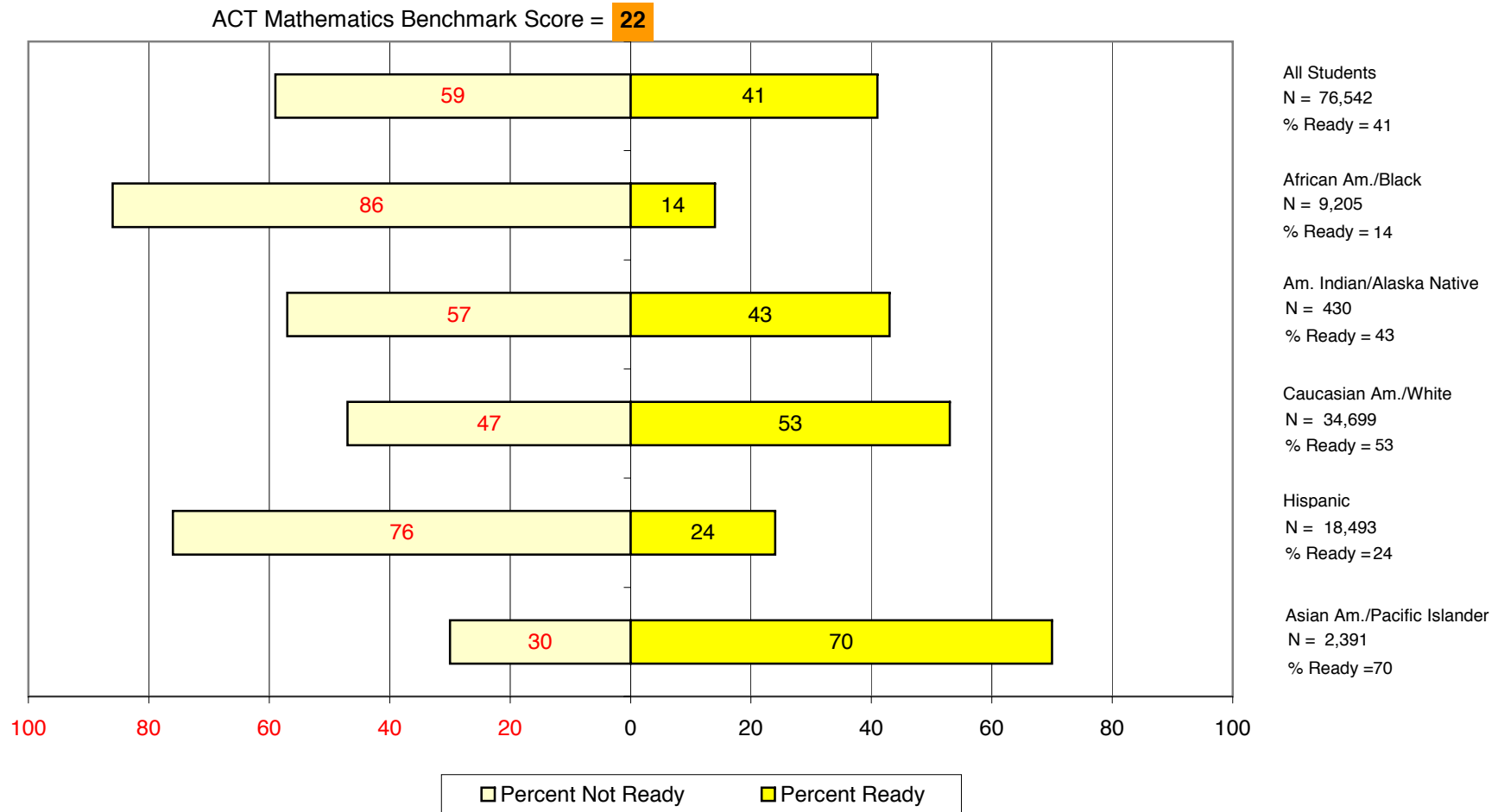


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

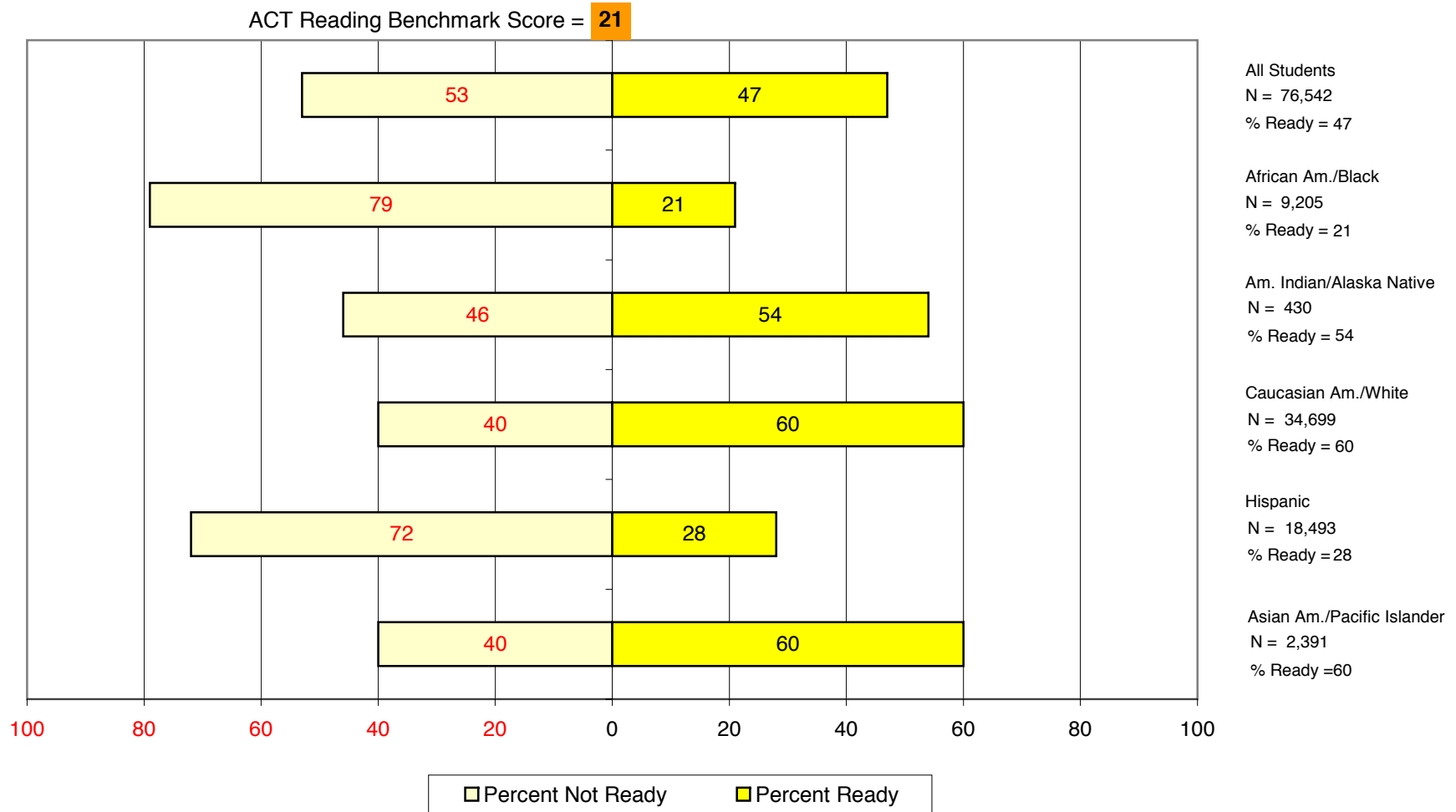


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

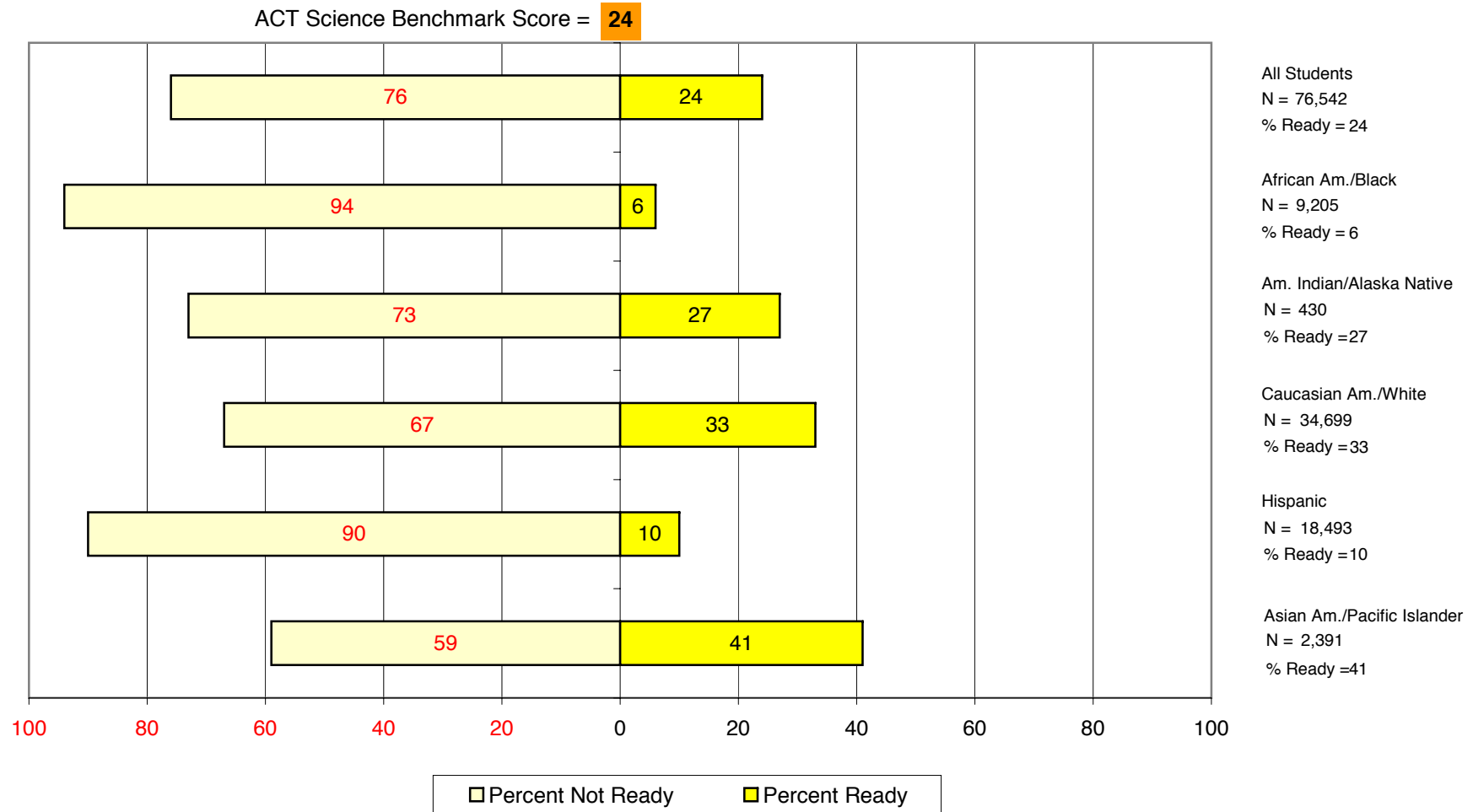


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

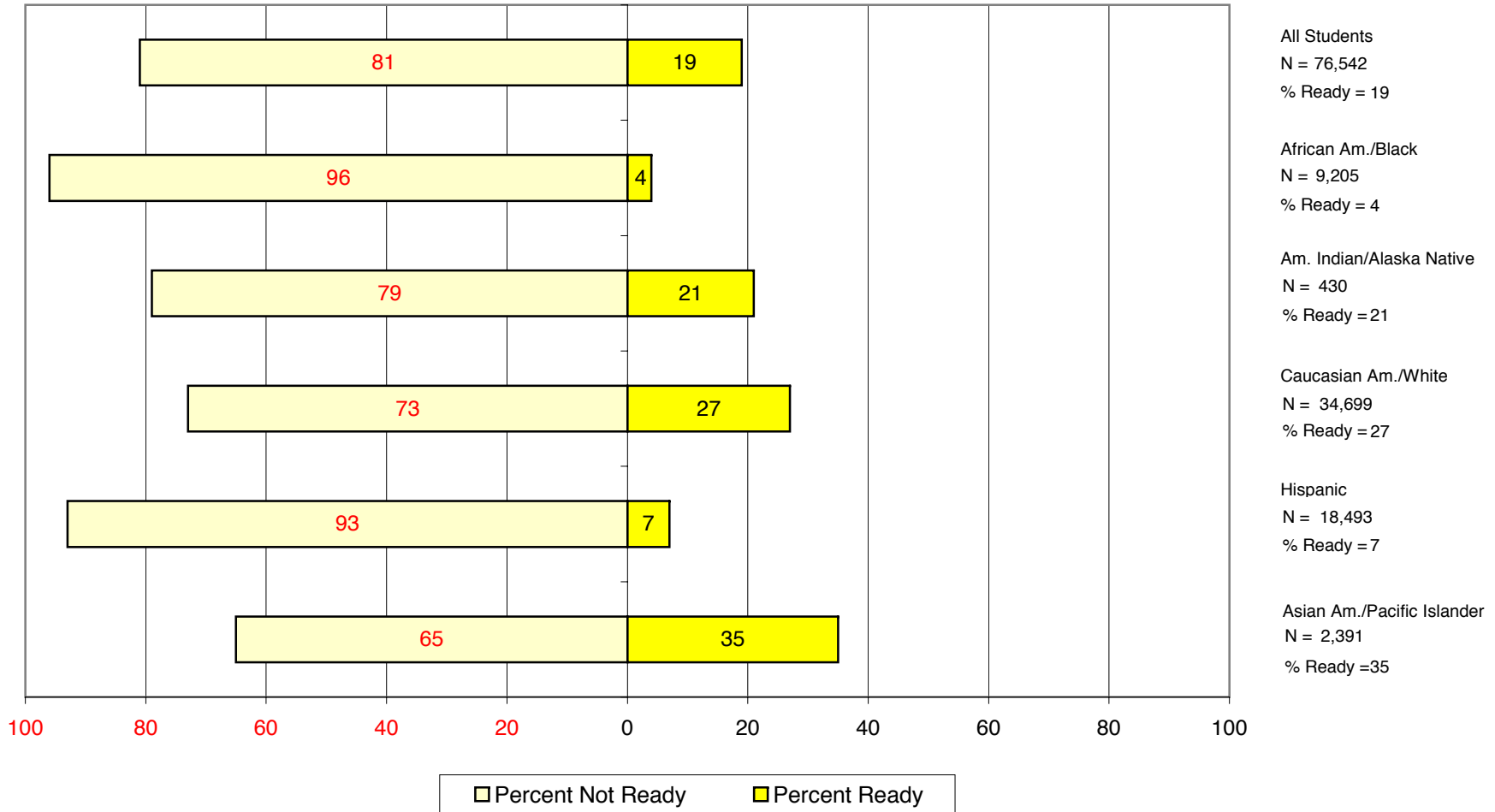


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,897	9	20.8	1.1	2,692	8	20.2	1.0	3,946	10	21.1	1.1
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	52,739	69	19.3	-0.4	21,858	69	18.8	-0.4	28,436	71	19.6	-0.4
Less than 4 years of English	6,119	8	19.7	-	2,731	9	19.2	-	2,949	7	20.0	-
No English course/grade information reported	10,787	14	19.4	-	4,617	14	18.5	-	4,480	11	19.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,530	3	24.9	5.0	1,132	4	25.4	5.5	1,257	3	24.3	4.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,612	2	22.6	2.7	606	2	23.1	3.2	931	2	22.2	2.6
Alg 1, Alg 2, Geom, & Trig	1,728	2	21.3	1.4	733	2	21.7	1.8	892	2	20.9	1.3
Alg 1, Alg 2, Geom, & Other Adv Math	14,274	19	20.7	0.8	5,053	16	21.0	1.1	8,515	21	20.4	0.8
Other comb of 4 or more years of Math	15,354	20	24.0	4.1	7,025	22	24.8	4.9	7,620	19	23.2	3.6
Alg 1, Alg 2, & Geom (Min. Core)	19,360	25	17.7	-2.2	7,868	25	18.1	-1.8	10,737	27	17.4	-2.2
Other comb of 3 or 3.5 years of Math	5,962	8	21.2	1.3	2,623	8	21.5	1.6	3,049	8	20.8	1.2
Less than 3 years of Math	4,467	6	19.9	-	2,017	6	19.9	-	2,144	5	19.6	-
No Math course/grade information reported	11,255	15	20.8	-	4,841	15	20.9	-	4,666	12	20.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	278	0	22.5	2.0	128	0	21.4	1.2	130	0	23.2	2.6
Other comb of 4 or more years Social Science	49,839	65	20.8	0.3	19,984	63	20.5	0.3	27,669	70	21.0	0.4
US Hist, World Hist, & Am Gov (Min. Core)	511	1	19.7	-0.8	275	1	19.2	-1.0	213	1	20.0	-0.6
Other comb of 3 or 3.5 years of Social Science	8,658	11	19.5	-1.0	3,934	12	19.2	-1.0	4,267	11	19.6	-1.0
Less than 3 years of Social Science	5,992	8	20.5	-	2,740	9	20.2	-	2,870	7	20.6	-
No Soc Sci course/grade information reported	11,264	15	20.5	-	4,837	15	19.9	-	4,662	12	20.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	18,572	24	21.4	2.3	8,300	26	21.9	2.7	9,421	24	20.9	2.0
Bio, Chem, Phys	17,799	23	21.6	2.5	7,139	22	22.3	3.1	9,782	25	21.1	2.2
Gen Sci ² , Bio, Chem (Min. Core)	16,677	22	18.9	-0.2	6,697	21	19.0	-0.2	9,333	23	18.8	-0.1
Other comb of 3 years of Natural Science	1,088	1	19.7	0.6	518	2	20.1	0.9	519	1	19.2	0.3
Less than 3 years of Natural Science	10,324	13	19.1	-	4,047	13	19.2	-	5,720	14	18.9	-
No Nat Sci course/grade information reported	12,082	16	20.4	-	5,197	16	20.5	-	5,036	13	19.9	-

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

²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,897	9	20.8	70	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	52,739	69	19.3	60	766,001	59	20.5	68
Less than 4 years of English	6,119	8	19.7	63	141,777	11	19.7	64
No English course/grade information reported	10,787	14	19.4	61	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,530	3	24.9	75	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,612	2	22.6	60	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	1,728	2	21.3	48	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	14,274	19	20.7	41	163,562	13	20.4	38
Other comb of 4 or more years of Math	15,354	20	24.0	67	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	19,360	25	17.7	14	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	5,962	8	21.2	45	57,945	4	20.9	43
Less than 3 years of Math	4,467	6	19.9	35	145,617	11	18.3	21
No Math course/grade information reported	11,255	15	20.8	41	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	278	0	22.5	60	31,985	2	22.7	61
Other comb of 4 or more years Social Science	49,839	65	20.8	48	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	511	1	19.7	40	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	8,658	11	19.5	39	333,689	26	21.4	52
Less than 3 years of Social Science	5,992	8	20.5	47	201,605	16	20.6	47
No Soc Sci course/grade information reported	11,264	15	20.5	47	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	18,572	24	21.4	31	333,648	26	22.4	40
Bio, Chem, Phys	17,799	23	21.6	33	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	16,677	22	18.9	12	353,348	27	20.2	20
Other comb of 3 years of Natural Science	1,088	1	19.7	18	32,593	3	20.4	24
Less than 3 years of Natural Science	10,324	13	19.1	15	247,312	19	19.1	15
No Nat Sci course/grade information reported	12,082	16	20.4	24	218,401	17	20.9	29

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Table 4.1. Distribution of Planned Educational Majors for All Students and by College Plans

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	1,130	1	19.1	74	3	16.4	1,010	2	19.3
Architecture & Environmental Design	1,336	2	20.4	39	2	15.0	1,227	2	20.7
Business & Management	5,903	8	20.1	186	7	16.0	5,485	9	20.3
Business & Office	311	0	19.0	27	1	16.8	262	0	19.3
Marketing & Distribution	524	1	20.6	19	1	16.1	481	1	20.9
Communications & Comm. Technologies	1,777	2	21.0	43	2	16.2	1,677	3	21.2
Community & Personal Services	1,638	2	17.2	190	7	15.1	1,356	2	17.6
Computer & Information Sciences	1,220	2	20.7	70	3	17.7	1,096	2	21.0
Cross-Disciplinary Studies	102	0	23.8	1	0	20.0	100	0	23.9
Education	2,244	3	19.5	55	2	15.0	2,091	4	19.7
Teacher Education	1,805	2	18.7	46	2	14.9	1,669	3	18.9
Engineering	3,183	4	22.0	87	3	15.9	2,977	5	22.3
Engineering-Related Technologies	1,677	2	21.6	84	3	16.1	1,527	3	22.0
Foreign Languages	205	0	23.1	8	0	15.8	190	0	23.4
Health Sciences & Allied Health Fields	12,376	16	19.7	672	26	16.4	11,207	19	20.0
Human, Family & Consumer Science	502	1	18.6	46	2	16.2	418	1	19.0
Letters	239	0	24.0	3	0	15.0	230	0	24.2
Mathematics	281	0	23.8	3	0	17.7	270	0	23.9
Philosophy, Religion & Theology	349	0	22.3	4	0	19.5	317	1	22.4
Sciences (Biological & Physical)	2,741	4	23.0	20	1	18.7	2,623	5	23.1
Social Sciences	3,789	5	21.3	37	1	15.1	3,606	6	21.4
Trade & Industrial	381	0	17.0	146	6	16.1	212	0	17.8
Visual & Performing Arts	2,996	4	20.7	130	5	16.4	2,697	5	21.0
Undecided	9,222	12	20.3	352	14	16.2	8,167	14	20.6
No Response	20,611	27	20.7	228	9	16.0	7,178	12	21.5

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

²Percent of students tested.

Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African-Am./ Black		Am. Indian/ Alaska Native		Caucasian-Am./ White		Hispanic		Asian-Am./ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	484	15.9	73	14.4	3	18.7	156	17.8	204	15.1	3	18.7	45	14.8
2-yr College Degree	2,086	16.2	288	14.6	6	17.5	711	17.7	882	15.3	21	17.8	178	16.7
Bachelors Degree	25,048	19.5	2,961	16.1	146	20.3	12,963	21.0	5,690	17.5	393	20.5	2,895	19.9
Graduate Study	12,951	22.2	1,432	18.0	80	21.7	6,996	23.7	2,369	19.8	459	23.7	1,615	22.8
Prof. Level Degree	20,074	21.4	2,862	18.2	120	22.0	7,638	23.5	5,769	19.3	1,100	24.2	2,585	22.3
Other	1,582	17.4	333	15.1	4	19.8	496	19.2	497	16.4	43	19.9	209	18.4
No Response	14,317	20.4	1,256	16.2	71	20.8	5,739	22.0	3,082	17.0	372	23.2	3,797	21.8

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	16,297	5,527	10,770	2	8	22	29	25	13	1
TEXAS A&M UNIVERSITY-MAIN CAMPUS	Texas	13,529	4,971	8,558	1	6	20	32	27	12	1
TEXAS TECH UNIVERSITY	Texas	9,833	2,558	7,275	2	8	25	35	23	8	0
TEXAS STATE UNIVERSITY-SAN MARCOS	Texas	8,813	2,347	6,466	2	11	33	35	15	4	0
BAYLOR UNIVERSITY	Texas	8,126	2,463	5,663	2	8	22	30	26	11	1
UNIVERSITY OF NORTH TEXAS	Texas	7,332	2,071	5,261	3	11	31	31	18	6	0
UNIV OF TEXAS AT SAN ANTONIO	Texas	7,128	1,545	5,583	4	16	37	29	11	3	0
UNIVERSITY OF HOUSTON-MAIN CAMPUS	Texas	5,311	1,394	3,917	5	17	35	25	13	4	0
UNIV OF TEXAS PAN AMERICAN	Texas	4,779	2,481	2,298	9	27	42	17	4	1	0
SAM HOUSTON STATE UNIVERSITY	Texas	4,509	1,265	3,244	4	15	38	29	11	3	0
STEPHEN F AUSTIN STATE UNIVERSITY	Texas	4,484	1,075	3,409	3	13	37	31	13	3	0
TEXAS CHRISTIAN UNIVERSITY	Texas	4,337	875	3,462	2	8	23	30	26	10	1
UNIV OF TEXAS AT ARLINGTON	Texas	4,030	941	3,089	4	14	34	29	15	4	0
TEXAS A&M UNIVERSITY-CORPUS CHRISTI	Texas	3,603	820	2,783	5	20	39	25	8	2	0
RICE UNIVERSITY	Texas	2,798	646	2,152	1	5	16	20	27	26	6
TEXAS A & M UNIVERSITY-KINGSVILLE	Texas	2,607	598	2,009	8	25	40	19	6	1	0
TARLETON STATE UNIVERSITY	Texas	2,498	759	1,739	2	11	37	34	13	2	0
SOUTH TEXAS COLLEGE	Texas	2,493	699	1,794	12	34	42	10	1	0	0
ANGELO STATE UNIVERSITY	Texas	2,410	946	1,464	2	13	37	33	13	3	0
UNIV OF TEXAS AT DALLAS	Texas	2,216	414	1,802	3	9	25	29	22	11	1
SOUTHERN METHODIST UNIVERSITY	Texas	2,202	508	1,694	2	5	17	27	30	18	2
BLINN COLLEGE	Texas	1,997	457	1,540	5	15	37	32	9	2	0
WEST TEXAS A&M UNIVERSITY	Texas	1,954	547	1,407	3	15	34	31	14	3	0
ABILENE CHRISTIAN UNIVERSITY	Texas	1,947	732	1,215	2	9	29	33	19	7	1
PRAIRIE VIEW A & M UNIVERSITY	Texas	1,936	624	1,312	13	32	40	13	2	0	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	1,664	695	969	4	15	33	28	15	5	0
UNIVERSITY OF OKLAHOMA	Oklahoma	1,655	448	1,207	2	4	14	34	32	13	1
UNIV OF TEXAS AT TYLER THE	Texas	1,525	322	1,203	3	11	33	33	15	4	0
TEXAS SOUTHERN UNIVERSITY	Texas	1,402	266	1,136	14	35	37	12	2	0	0
ST EDWARD'S UNIVERSITY	Texas	1,354	310	1,044	3	10	30	31	20	5	1
All Other Institutions		91,267	23,815	67,452	5	15	29	25	16	9	1
Total		226,036	63,119	162,917	4	13	29	27	17	8	1

Section V

Optional Writing Test Results

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	46,683	532,943	20.2	22.3	7.0	7.6	19.8	21.8
African Am./Black	4,491	50,340	16.3	17.2	6.4	6.7	16.4	17.3
Am. Indian/Alaska Native	207	3,462	21.0	19.8	7.1	7.0	20.4	19.4
Caucasian Am./White	20,839	308,578	22.2	23.4	7.2	7.6	21.5	22.6
Hispanic	12,368	42,588	17.0	18.8	6.7	7.3	17.1	19.0
Asian Am./Pacific Islander	1,708	25,616	23.1	23.2	7.9	8.0	22.7	22.8
Other/No Response	7,070	102,359	21.4	23.2	7.3	7.8	20.9	22.7
Males	18,534	204,427	19.6	22.0	6.7	7.3	19.1	21.3
Females	25,103	285,556	20.4	22.5	7.2	7.7	20.1	22.1
Missing	3,046	42,960	21.8	23.0	7.4	7.8	21.3	22.6

