

ACT High School Profile Report

The Graduating Class of 2006
Tennessee



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Section I: Executive Summary	P. 5
Section II: Academic Achievement	P. 9
Section III: College Readiness & the Impact of Course Rigor	P. 14
Section IV: Career and Educational Aspirations	P. 22
Section V: Optional Writing Test Results	P. 26



This report provides information about the performance of your 2006 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 - college 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: A Test Like No Other

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

17% of 2006 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. 44,985 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. 62% 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 8% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 36% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 11% of these students were college ready. In comparison, 53% 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 22% of the cohort took less than three years of natural science courses. 13% of these students were college ready. In comparison, 25% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES. Table 2.4 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 56% 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.

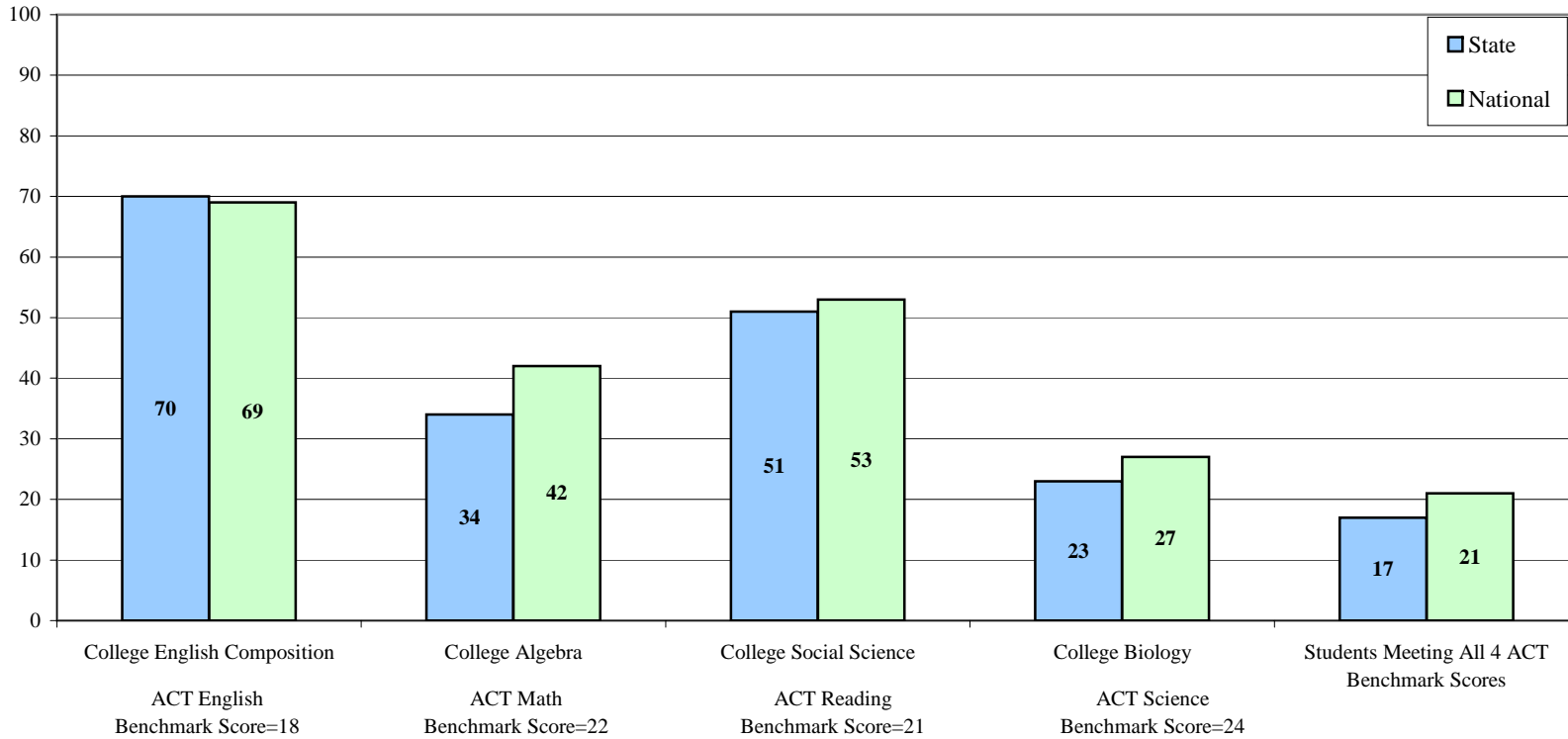
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 404-231-1952.

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 courses.

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
2002	44,307	1,116,082	65	67	29	39	48	53	20	26	15	20
2003	42,729	1,175,059	67	67	31	40	48	52	21	26	16	20
2004	42,662	1,171,460	69	68	32	40	49	52	22	26	17	21
2005	43,974	1,186,251	69	68	32	41	48	51	21	26	16	21
2006	44,985	1,206,455	70	69	34	42	51	53	23	27	17	21

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
2002	44,307	1,116,082	20.0	20.2	19.3	20.6	20.5	21.1	19.9	20.8	20.0	20.8
2003	42,729	1,175,059	20.5	20.3	19.6	20.6	20.8	21.2	20.2	20.8	20.4	20.8
2004	42,662	1,171,460	20.6	20.4	19.7	20.7	21.0	21.3	20.3	20.9	20.5	20.9
2005	43,974	1,186,251	20.6	20.4	19.7	20.7	20.8	21.3	20.2	20.9	20.5	20.9
2006	44,985	1,206,455	20.8	20.6	19.9	20.8	21.1	21.4	20.3	20.9	20.7	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2002	1,116,082	20.2	20.6	21.1	20.8	20.8
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

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
2002	26,672	16,159	60	36	21.2	18.1	20.1	17.8	21.4	18.9	20.6	18.6	21.0	18.5
2003	26,452	14,667	62	34	21.5	18.5	20.4	18.0	21.6	19.2	20.9	18.8	21.2	18.8
2004	26,244	14,519	62	34	21.6	18.8	20.5	18.3	21.7	19.5	20.9	19.1	21.3	19.1
2005	27,013	14,872	61	34	21.5	18.9	20.4	18.4	21.6	19.4	20.8	19.1	21.2	19.1
2006	27,734	14,736	62	33	21.7	19.1	20.6	18.6	21.7	19.7	20.9	19.2	21.4	19.3

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

	2002			2003			2004			2005			2006		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	44,307	100	20.0	42,729	100	20.4	42,662	100	20.5	43,974	100	20.5	44,985	100	20.7
African American/Black	7,676	17	16.4	7,156	17	16.7	7,415	17	16.9	7,586	17	16.9	7,952	18	17.1
American Indian/Alaskan Native	176	0	18.9	151	0	19.7	113	0	19.7	125	0	19.9	143	0	20.8
Caucasian American/White	32,773	74	20.9	31,895	75	21.2	31,584	74	21.3	32,304	73	21.3	32,350	72	21.5
Hispanic	582	1	18.8	570	1	19.3	625	1	19.4	732	2	19.5	791	2	19.8
Asian American/Pacific Islander	772	2	20.6	732	2	20.9	714	2	21.4	773	2	21.8	806	2	22.3
Other/No Response	2,328	5	20.1	2,225	5	20.6	2,211	5	20.8	2,454	6	20.8	2,943	7	20.8

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	73	100	67	100	188	100	41	100	8	100	36
35	343	100	90	100	360	100	134	100	35	100	35
34	643	99	212	100	560	99	133	100	116	100	34
33	493	98	163	99	665	98	163	99	221	100	33
32	569	97	200	99	674	96	251	99	316	99	32
31	644	95	320	98	926	95	347	98	511	98	31
30	996	94	528	98	956	93	97	98	734	97	30
29	1,179	92	714	96	1,280	90	506	97	972	96	29
28	1,411	89	872	95	1,319	88	761	96	1,100	94	28
27	1,298	86	1,367	93	1,557	85	830	95	1,451	91	27
26	1,809	83	1,904	90	1,877	81	2,188	93	1,901	88	26
25	2,390	79	2,133	86	2,212	77	1,623	88	2,085	84	25
24	2,311	74	2,301	81	1,903	72	3,092	84	2,507	79	24
23	2,335	69	2,116	76	3,044	68	3,215	77	2,796	73	23
22	2,970	63	2,212	71	2,729	61	3,655	70	3,310	67	22
21	3,310	57	2,596	66	2,566	55	3,822	62	3,806	60	21
20	3,537	49	2,541	60	2,696	49	4,620	54	3,477	51	20
19	2,905	42	2,982	55	3,384	43	4,715	43	3,796	44	19
18	2,410	35	3,716	48	2,271	36	3,685	33	3,446	35	18
17	2,196	30	5,212	40	2,795	31	2,858	25	3,306	28	17
16	2,453	25	5,450	28	2,278	25	2,497	18	2,885	20	16
15	2,316	19	3,841	16	2,032	19	1,650	13	2,418	14	15
14	1,903	14	2,445	8	2,589	15	1,332	9	1,788	8	14
13	1,147	10	698	2	1,587	9	975	6	1,191	4	13
12	938	7	232	1	1,369	6	764	4	599	2	12
11	787	5	50	1	763	3	533	2	167	1	11
10	595	4	14	1	202	1	289	1	30	1	10
9	452	2	4	1	108	1	118	1	8	1	9
8	393	1	3	1	50	1	60	1	5	1	8
7	136	1	1	1	12	1	17	1	0	1	7
6	40	1	0	1	14	1	9	1	0	1	6
5	2	1	0	1	16	1	4	1	0	1	5
4	1	1	1	1	2	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	1	1	0	1	1
Average	20.8		19.9		21.1		20.3		20.7		Average

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	1,475	100	284	100	509	100	1,081	100	818	100	185	100	197	100	18
17	2,004	97	800	99	2,113	99	1,929	98	961	98	372	100	322	100	17
16	1,779	92	1,921	98	1,791	94	2,531	93	2,289	96	531	99	622	99	16
15	2,180	88	2,801	93	2,146	90	2,881	88	1,942	91	1,009	98	1,267	97	15
14	2,990	83	3,505	87	2,546	85	3,136	81	2,408	87	2,893	95	2,756	95	14
13	2,715	77	3,549	79	3,620	80	3,482	74	4,070	81	2,407	89	3,445	89	13
12	3,930	71	4,350	71	4,366	72	4,811	67	4,436	72	5,419	84	4,384	81	12
11	4,306	62	6,009	62	4,844	62	3,591	56	3,527	62	4,527	72	3,953	71	11
10	5,067	52	5,526	48	4,748	51	3,933	48	4,653	55	8,499	61	8,079	62	10
9	4,260	41	5,109	36	5,625	41	4,182	39	3,861	44	8,110	43	5,712	44	9
8	3,964	32	4,184	25	5,069	28	3,184	30	6,214	36	4,519	25	4,976	32	8
7	3,437	23	2,696	15	3,350	17	3,211	23	5,979	22	1,736	14	3,981	21	7
6	2,933	15	1,934	9	2,357	9	3,345	16	2,573	9	2,200	11	2,450	12	6
5	1,825	9	1,407	5	878	4	2,015	8	750	3	1,510	6	565	6	5
4	1,294	5	643	2	520	2	1,264	4	333	1	445	2	1,347	5	4
3	610	2	213	1	362	1	306	1	119	1	495	1	256	2	3
2	209	1	51	1	109	1	98	1	43	1	20	1	563	1	2
1	7	1	3	1	32	1	5	1	9	1	108	1	110	1	1
Average	10.5		10.7		10.6		10.8		10.4		10.0		9.8		Average

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

Table 2.3. 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	44,985	62	21.4	19.3
	African Am./Black	7,952	68	17.6	16.0
	Am. Indian/Alaskan Native	143	52	21.7	19.8
	Caucasian Am./White	32,350	61	22.3	20.0
	Hispanic	791	62	20.8	18.0
	Asian Am./Pacific Islander	806	71	22.8	20.7
	Other/No Response	2,943	49	21.4	19.7
National	All Students	1,206,455	54	22.0	19.7
	African Am./Black	139,118	53	17.8	16.2
	Am. Indian/Alaskan Native	13,635	48	20.2	17.5
	Caucasian Am./White	760,084	56	22.9	20.6
	Hispanic	85,796	52	19.5	17.6
	Asian Am./Pacific Islander	39,867	60	22.9	21.1
	Other/No Response	167,955	41	22.2	19.8

Table 2.4. 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	1,552	3	532	1	1,773	4	471	1
	28 to 32	4,799	11	2,634	6	5,155	11	1,962	4
	24 to 27	7,808	17	7,705	17	7,549	17	7,733	17
	20 to 23	12,152	27	9,465	21	11,035	25	15,312	34
	16 to 19	9,964	22	17,360	39	10,728	24	13,755	31
	13 to 15	5,366	12	6,984	16	6,208	14	3,957	9
	01 to 12	3,344	7	305	1	2,537	6	1,795	4
National	33 to 36	35,933	3	24,395	2	56,816	5	18,798	2
	28 to 32	126,394	10	103,455	9	150,082	12	67,815	6
	24 to 27	205,310	17	250,510	21	224,470	19	238,007	20
	20 to 23	321,306	27	264,179	22	280,741	23	419,135	35
	16 to 19	267,738	22	399,519	33	269,040	22	326,445	27
	13 to 15	149,825	12	154,528	13	156,903	13	90,944	8
	01 to 12	99,949	8	9,869	1	68,403	6	45,311	4

Table 2.5. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	19,930	44	20.4	20.6	20.9	20.9	20.8
	Females	24,458	54	21.1	19.4	21.2	19.9	20.5
	Missing	597	1	21.5	20.4	21.8	20.7	21.2
National	Males	517,563	43	20.1	21.5	21.1	21.4	21.2
	Females	646,688	54	21.0	20.3	21.6	20.5	21.0
	Missing	42,204	3	20.6	21.1	21.6	20.8	21.1

Table 2.6. 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	68	40	50	27	21
	Females	72	29	51	19	14
National	Males	66	47	51	32	25
	Females	71	37	55	23	18

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

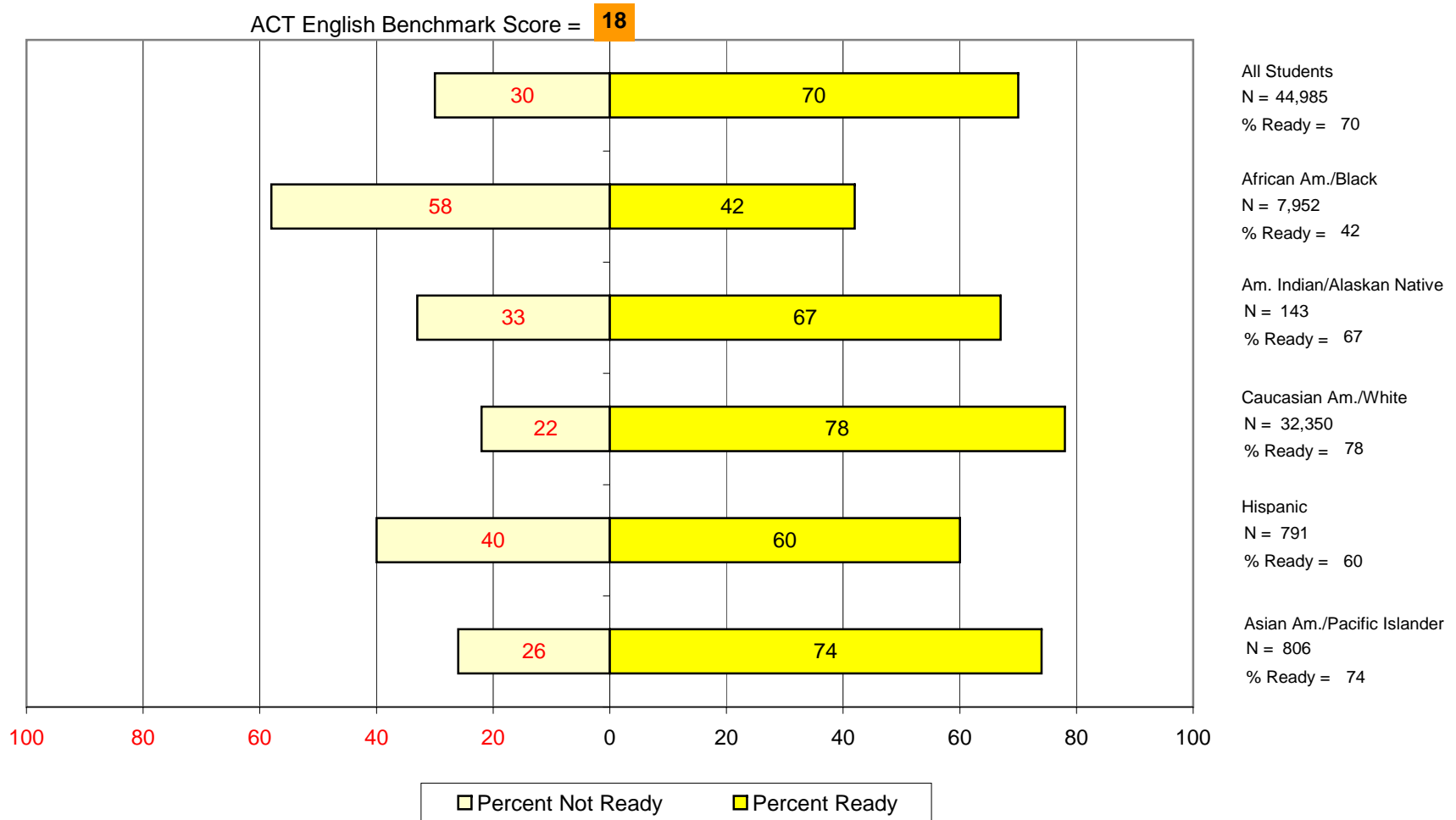


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

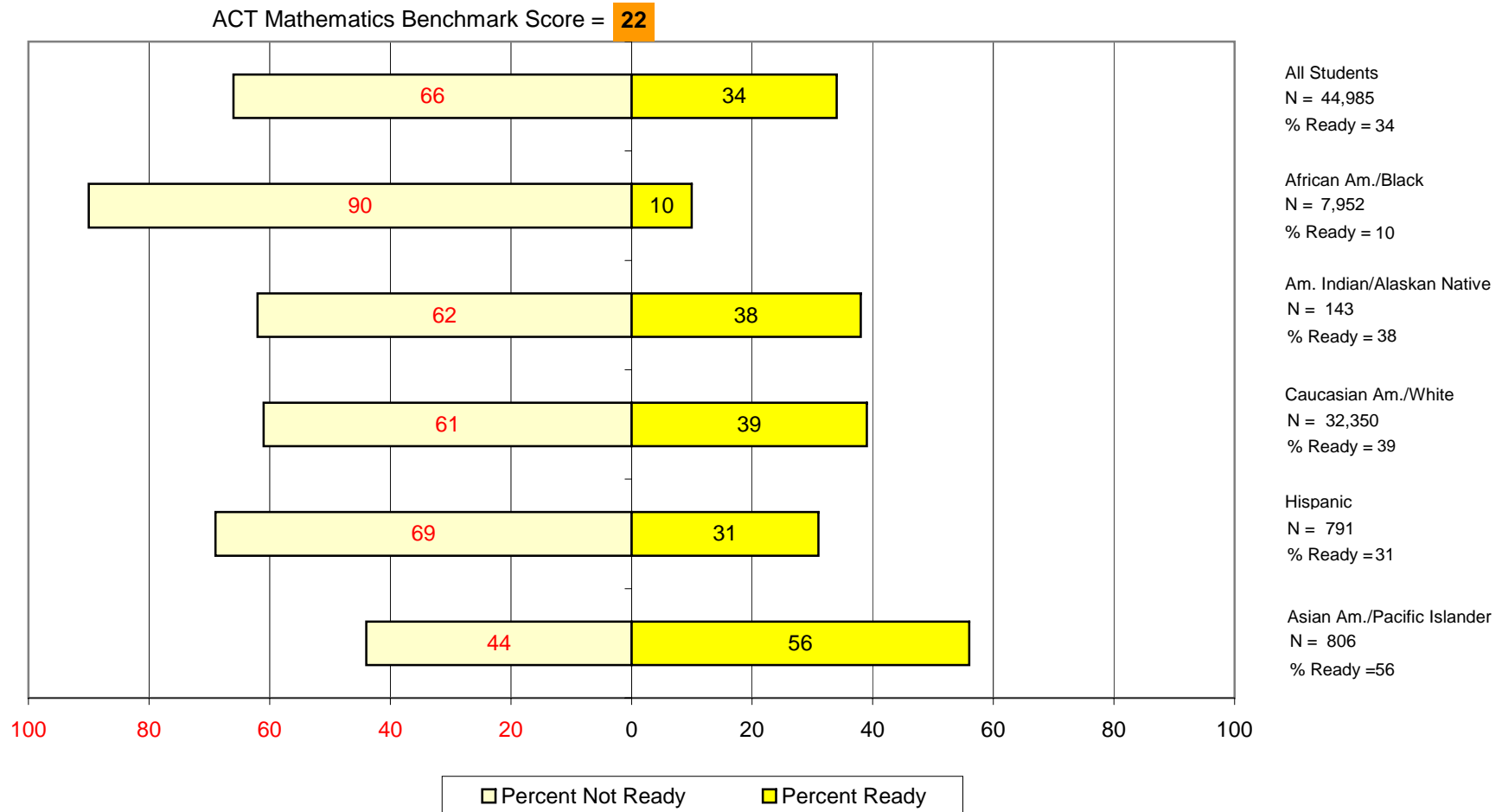


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

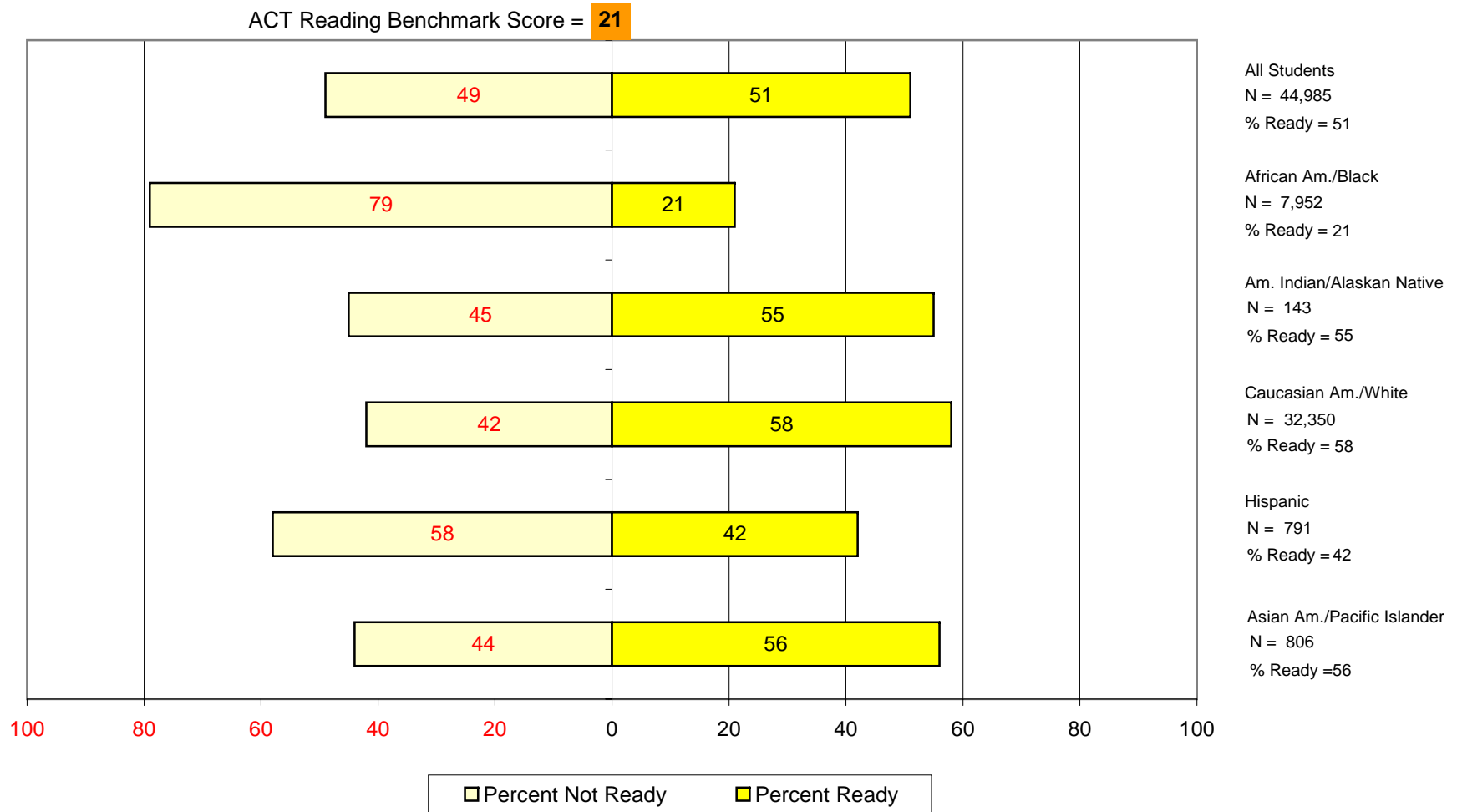


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

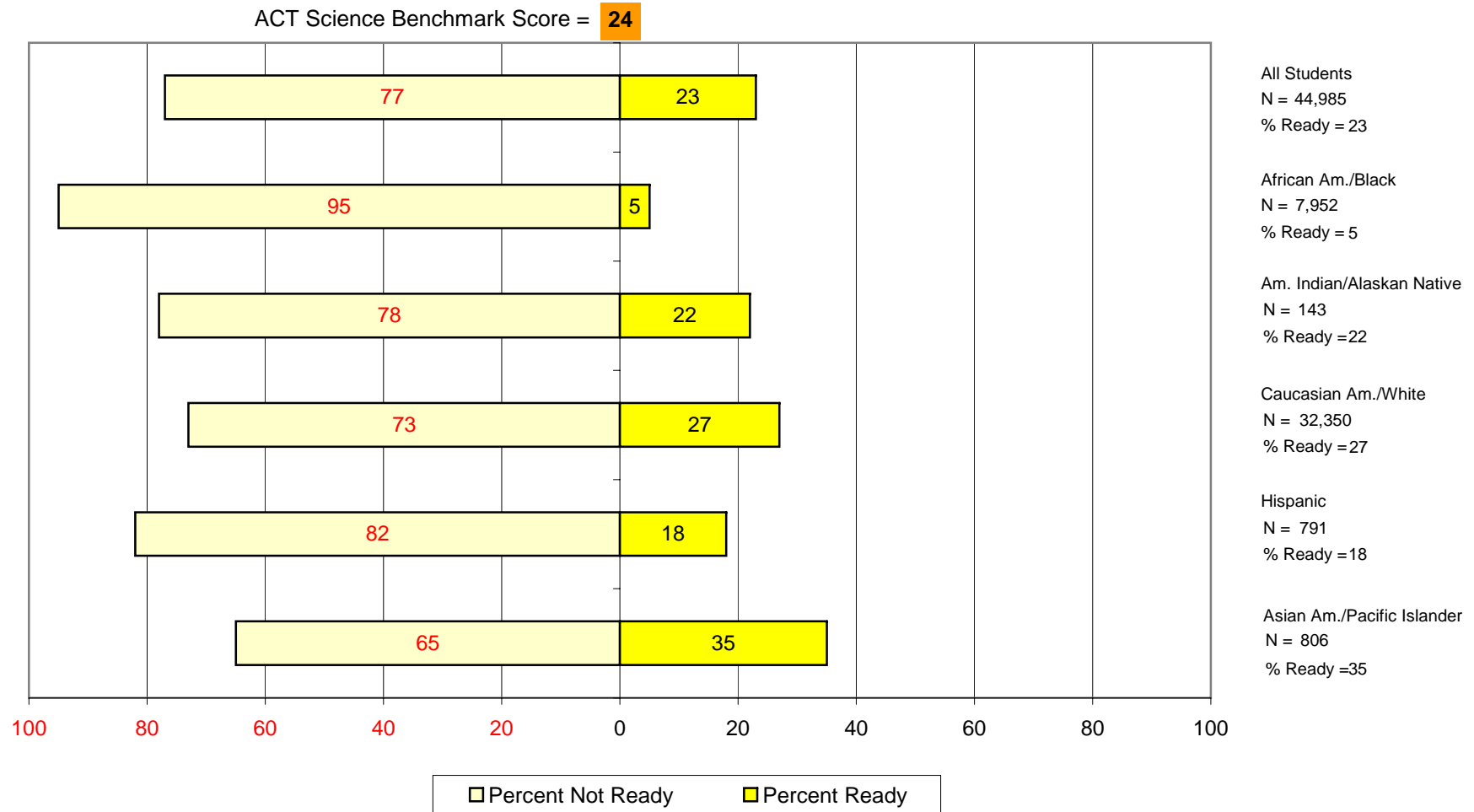


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

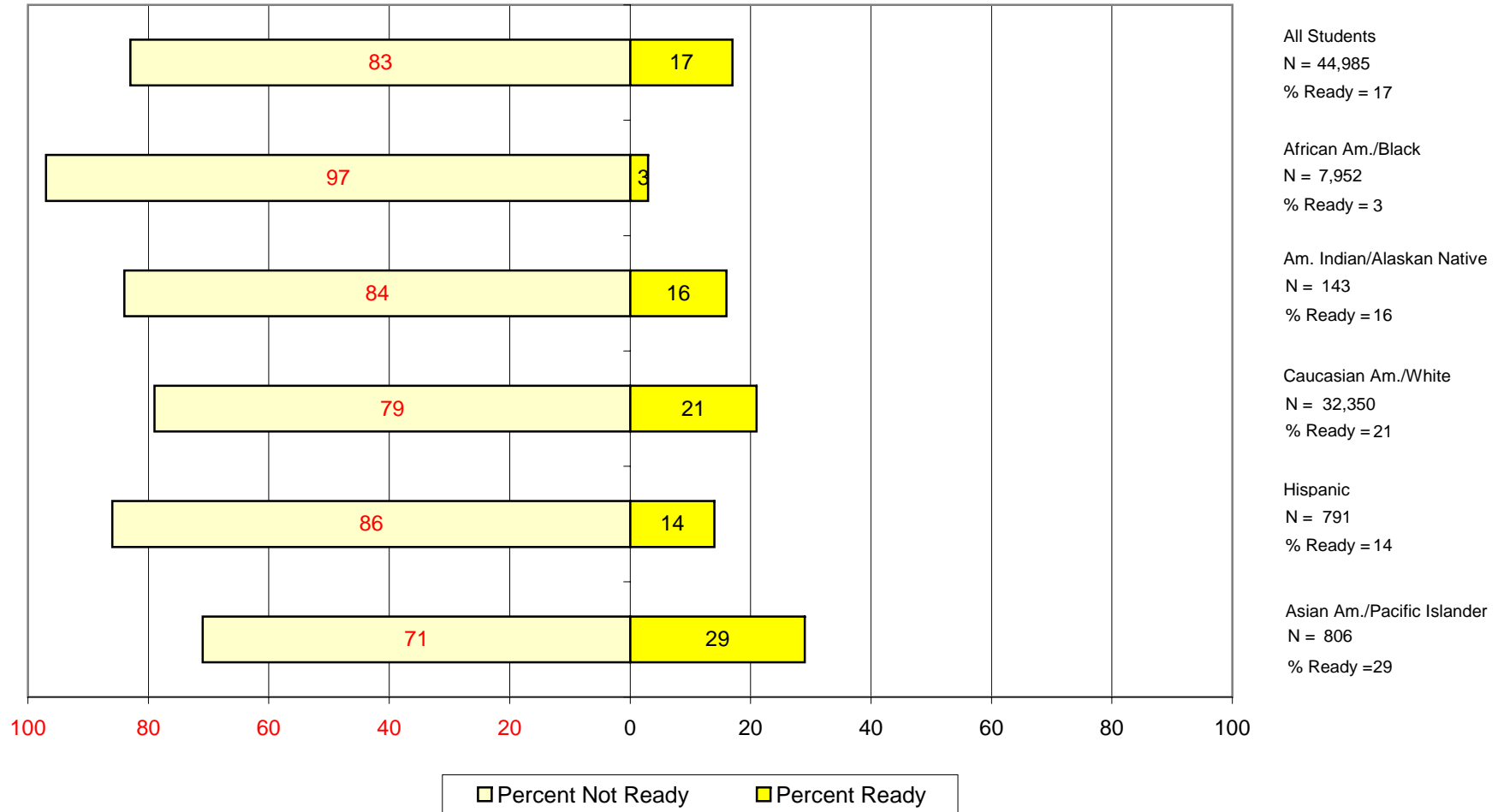


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	5,029	11	22.6	3.0	2,084	10	22.2	3.0	2,910	12	23.0	3.1
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	34,975	78	20.6	1.0	15,257	77	20.3	1.1	19,429	79	20.9	1.0
Less than 4 years of English	2,404	5	19.6	-	1,231	6	19.2	-	1,112	5	19.9	-
No English course/grade information reported	2,577	6	21.2	-	1,358	7	20.8	-	1,007	4	21.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,523	3	24.3	7.6	810	4	25.2	8.1	700	3	23.3	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,772	6	22.2	5.5	1,088	5	22.8	5.7	1,666	7	21.7	5.4
Alg 1, Alg 2, Geom, & Trig	3,322	7	20.3	3.6	1,421	7	20.9	3.8	1,871	8	19.8	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	6,339	14	20.6	3.9	2,429	12	21.3	4.2	3,841	16	20.1	3.8
Other comb of 4 or more years of Math	7,061	16	24.1	7.4	3,491	18	24.7	7.6	3,512	14	23.5	7.2
Alg 1, Alg 2, & Geom (Min. Core)	16,092	36	17.5	0.8	6,691	34	18.0	0.9	9,280	38	17.2	0.9
Other comb of 3 or 3.5 years of Math	1,704	4	20.4	3.7	850	4	21.0	3.9	838	3	19.8	3.5
Less than 3 years of Math	3,422	8	16.7	-	1,712	9	17.1	-	1,656	7	16.3	-
No Math course/grade information reported	2,750	6	20.4	-	1,438	7	20.9	-	1,094	4	19.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	210	0	24.4	4.6	105	1	24.7	5.1	102	0	24.2	4.2
Other comb of 4 or more years Social Science	15,561	35	21.7	1.9	6,678	34	21.6	2.0	8,759	36	21.9	1.9
US Hist, World Hist, & Am Gov (Min. Core)	738	2	20.9	1.1	375	2	20.7	1.1	353	1	20.9	0.9
Other comb of 3 or 3.5 years of Social Science	20,253	45	20.8	1.0	8,591	43	20.7	1.1	11,504	47	20.9	0.9
Less than 3 years of Social Science	5,439	12	19.8	-	2,717	14	19.6	-	2,640	11	20.0	-
No Soc Sci course/grade information reported	2,784	6	21.5	-	1,464	7	21.3	-	1,100	4	21.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	8,514	19	22.2	3.3	4,355	22	22.9	3.8	4,086	17	21.3	2.7
Bio, Chem, Phys	2,215	5	24.2	5.3	1,126	6	24.9	5.8	1,064	4	23.5	4.9
Gen Sci ² , Bio, Chem (Min. Core)	20,872	46	19.9	1.0	8,184	41	20.2	1.1	12,535	51	19.7	1.1
Other comb of 3 years of Natural Science	625	1	19.5	0.6	341	2	19.9	0.8	279	1	18.9	0.3
Less than 3 years of Natural Science	9,915	22	18.9	-	4,430	22	19.1	-	5,371	22	18.6	-
No Nat Sci course/grade information reported	2,844	6	20.6	-	1,494	7	20.9	-	1,123	5	20.0	-

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

²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,029	11	22.6	80	272,554	23	21.8	77
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	34,975	78	20.6	69	668,226	55	20.4	67
Less than 4 years of English	2,404	5	19.6	63	115,551	10	19.4	62
No English course/grade information reported	2,577	6	21.2	74	150,124	12	20.3	67
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,523	3	24.3	71	67,960	6	24.7	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,772	6	22.2	57	90,348	7	22.2	56
Alg 1, Alg 2, Geom, & Trig	3,322	7	20.3	38	95,613	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	6,339	14	20.6	40	153,394	13	20.3	37
Other comb of 4 or more years of Math	7,061	16	24.1	70	244,137	20	24.0	68
Alg 1, Alg 2, & Geom (Min. Core)	16,092	36	17.5	11	209,836	17	17.8	14
Other comb of 3 or 3.5 years of Math	1,704	4	20.4	39	54,965	5	20.6	40
Less than 3 years of Math	3,422	8	16.7	9	131,567	11	17.9	18
No Math course/grade information reported	2,750	6	20.4	38	158,635	13	20.8	42
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	210	0	24.4	75	31,335	3	22.7	60
Other comb of 4 or more years Social Science	15,561	35	21.7	55	443,622	37	21.9	57
US Hist, World Hist, & Am Gov (Min. Core)	738	2	20.9	51	67,943	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	20,253	45	20.8	49	325,879	27	21.3	52
Less than 3 years of Social Science	5,439	12	19.8	42	179,270	15	20.5	46
No Soc Sci course/grade information reported	2,784	6	21.5	54	158,406	13	21.2	52
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	8,514	19	22.2	38	320,821	27	22.3	38
Bio, Chem, Phys	2,215	5	24.2	55	115,519	10	23.2	45
Gen Sci ¹ , Bio, Chem (Min. Core)	20,872	46	19.9	17	339,689	28	20.2	19
Other comb of 3 years of Natural Science	625	1	19.5	16	32,330	3	20.5	24
Less than 3 years of Natural Science	9,915	22	18.9	13	234,307	19	19.1	14
No Nat Sci course/grade information reported	2,844	6	20.6	25	163,789	14	20.7	26

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	743	2	18.7	126	3	16.3	581	2	19.3
Architecture & Environmental Design	814	2	20.6	61	2	17.9	710	2	21.0
Business & Management	3,970	9	20.0	306	8	16.7	3,450	10	20.4
Business & Office	275	1	19.3	63	2	17.2	197	1	20.2
Marketing & Distribution	316	1	20.1	14	0	16.1	284	1	20.3
Communications & Comm. Technologies	1,161	3	21.1	76	2	17.4	1,018	3	21.4
Community & Personal Services	1,225	3	18.5	227	6	16.7	898	3	19.1
Computer & Information Sciences	1,131	3	21.0	131	4	18.2	937	3	21.5
Cross-Disciplinary Studies	40	0	23.8	3	0	19.0	36	0	24.4
Education	1,584	4	20.3	65	2	16.7	1,434	4	20.6
Teacher Education	1,075	2	20.0	44	1	17.1	976	3	20.2
Engineering	1,813	4	22.0	137	4	16.6	1,591	4	22.6
Engineering-Related Technologies	863	2	21.2	98	3	17.1	713	2	21.8
Foreign Languages	194	0	24.0	9	0	19.1	169	0	24.6
Health Sciences & Allied Health Fields	9,590	21	20.1	953	26	17.1	8,203	23	20.6
Human, Family & Consumer Science	528	1	18.7	100	3	16.4	387	1	19.4
Letters	234	1	24.2	11	0	17.9	212	1	24.9
Mathematics	150	0	23.4	7	0	18.7	140	0	23.8
Philosophy, Religion & Theology	329	1	22.7	17	0	19.2	291	1	23.1
Sciences (Biological & Physical)	1,548	3	23.0	19	1	16.6	1,479	4	23.1
Social Sciences	2,747	6	21.7	54	1	17.5	2,576	7	21.9
Trade & Industrial	523	1	18.4	281	8	17.5	219	1	19.6
Visual & Performing Arts	2,556	6	20.8	176	5	17.3	2,173	6	21.3
Undecided	4,511	10	20.9	402	11	17.0	3,722	11	21.5
No Response	7,065	16	21.0	235	7	16.5	2,976	8	21.7

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/ Alaskan 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	947	16.6	190	14.8	5	16.6	675	17.2	15	15.3	9	17.6	53	16.3
2-yr College Degree	2,668	17.2	531	14.7	11	16.4	1,930	17.9	55	16.3	21	18.0	120	16.7
Bachelors Degree	15,907	20.0	2,541	16.6	47	20.9	12,080	20.8	254	19.4	192	20.0	793	20.0
Graduate Study	7,092	22.5	1,009	18.4	28	22.9	5,440	23.3	100	22.8	122	23.1	393	22.2
Prof. Level Degree	12,373	21.8	2,651	18.3	38	21.1	8,251	22.9	267	20.6	344	23.9	822	21.8
Other	1,690	18.0	482	15.5	6	22.5	1,023	19.1	26	16.6	25	18.8	128	17.8
No Response	4,308	20.8	548	16.7	8	19.4	2,951	21.4	74	19.1	93	22.4	634	21.4

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 TENNESSEE-KNOXVILLE	Tennessee	13,761	5,102	8,659	1	6	23	35	24	10	1
MIDDLE TENNESSEE STATE UNIVERSITY	Tennessee	11,814	3,690	8,124	1	10	31	35	17	5	0
UNIVERSITY OF TENNESSEE-CHATTANOOGA	Tennessee	6,547	1,565	4,982	1	11	32	32	18	4	0
UNIVERSITY OF MEMPHIS	Tennessee	5,821	2,109	3,712	3	18	33	28	13	4	0
TENNESSEE TECHNOLOGICAL UNIVERSITY	Tennessee	4,813	1,580	3,233	1	9	28	34	20	8	1
EAST TENNESSEE STATE UNIVERSITY	Tennessee	4,519	1,388	3,131	1	7	30	35	20	6	0
UNIVERSITY OF TENNESSEE-MARTIN	Tennessee	4,341	1,241	3,100	1	13	35	32	15	3	0
TENNESSEE STATE UNIVERSITY A.W. CAMPUS	Tennessee	3,895	1,056	2,839	5	28	42	20	5	1	0
AUSTIN PEAY STATE UNIVERSITY	Tennessee	3,473	1,230	2,243	2	13	34	34	14	3	0
VANDERBILT UNIVERSITY	Tennessee	3,333	635	2,698	1	5	15	26	28	23	3
BELMONT UNIVERSITY	Tennessee	2,188	576	1,612	1	7	22	35	24	11	1
CARSON-NEWMAN COLLEGE	Tennessee	1,706	359	1,347	1	8	33	32	20	6	0
PELLISSIPPI STATE TECHNICAL COMM COLL	Tennessee	1,542	550	992	1	12	37	35	13	2	0
WALTERS STATE COMMUNITY COLLEGE	Tennessee	1,496	674	822	2	14	42	31	9	1	0
VOLUNTEER STATE COMMUNITY COLLEGE	Tennessee	1,437	555	882	2	19	42	27	8	1	0
SOUTHWEST TENNESSEE COMMUNITY COLLEGE	Tennessee	1,385	383	1,002	6	31	39	18	5	1	0
ROANE STATE COMMUNITY COLLEGE	Tennessee	1,252	515	737	1	13	44	29	11	1	0
UNIVERSITY OF TENNESSEE-MEMPHIS	Tennessee	1,217	165	1,052	2	15	34	31	15	3	0
COLUMBIA STATE COMMUNITY COLLEGE	Tennessee	1,184	516	668	2	17	43	28	7	2	0
CHATTANOOGA ST TECH COMM COLL	Tennessee	1,182	518	664	3	20	43	25	8	1	0
WESTERN KENTUCKY UNIVERSITY	Kentucky	1,180	271	909	1	12	33	33	15	6	0
LIPSCOMB UNIVERSITY	Tennessee	1,174	261	913	1	7	24	35	21	11	1
JACKSON STATE COMM COLLEGE	Tennessee	1,052	422	630	4	21	42	27	6	1	0
UNION UNIVERSITY	Tennessee	1,051	226	825	1	8	26	32	21	12	0
AUBURN UNIVERSITY	Alabama	1,013	259	754	1	3	14	32	33	16	1
MARYVILLE COLLEGE	Tennessee	986	217	769	1	7	24	32	24	11	1
MOTLOW STATE COMMUNITY COLLEGE	Tennessee	917	342	575	2	16	44	29	8	1	0
CHRISTIAN BROTHERS UNIVERSITY	Tennessee	915	203	712	2	16	26	29	19	8	0
NORTHEAST STATE TECHNICAL COMM COLLEGE	Tennessee	913	430	483	2	15	44	28	9	2	0
UNIVERSITY OF MISSISSIPPI	Mississippi	904	224	680	1	4	20	38	25	10	1
All Other Institutions		47,718	11,078	36,640	2	12	26	27	19	12	2
Total		134,729	38,340	96,389	2	12	29	30	18	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	6,200	430,404	25.2	22.4	7.8	7.7	24.2	22.0
African Am./Black	677	38,583	20.1	17.5	7.2	6.8	19.9	17.6
Am. Indian/Alaskan Native	14	2,803	23.1	19.8	7.6	7.1	22.4	19.6
Caucasian Am./White	4,590	269,428	25.9	23.4	7.9	7.8	24.8	22.8
Hispanic	118	33,207	23.5	18.9	7.6	7.4	22.7	19.1
Asian Am./Pacific Islander	213	21,275	26.6	23.0	8.3	8.0	25.7	22.8
Other/No Response	588	65,108	25.1	22.8	7.8	7.9	24.1	22.5
Males	2,682	170,904	25.0	22.1	7.6	7.4	23.8	21.5
Females	3,365	240,056	25.3	22.6	8.0	7.9	24.4	22.3
Missing	153	19,444	24.9	22.1	7.8	7.8	24.0	21.9

