

ACT High School Profile Report

The Graduating Class of 2007
Wisconsin



ACT High School Profile Report

The Graduating Class of 2007

Wisconsin

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 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

29% 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. 46,430 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. 52% 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 10% of the cohort took less than three years of math courses. Of these students, 29% were college ready. 15% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 25% of these students were college ready. In comparison, 65% 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 14% of the cohort took less than three years of natural science courses. 23% of these students were college ready. In comparison, 39% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES. Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 34% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

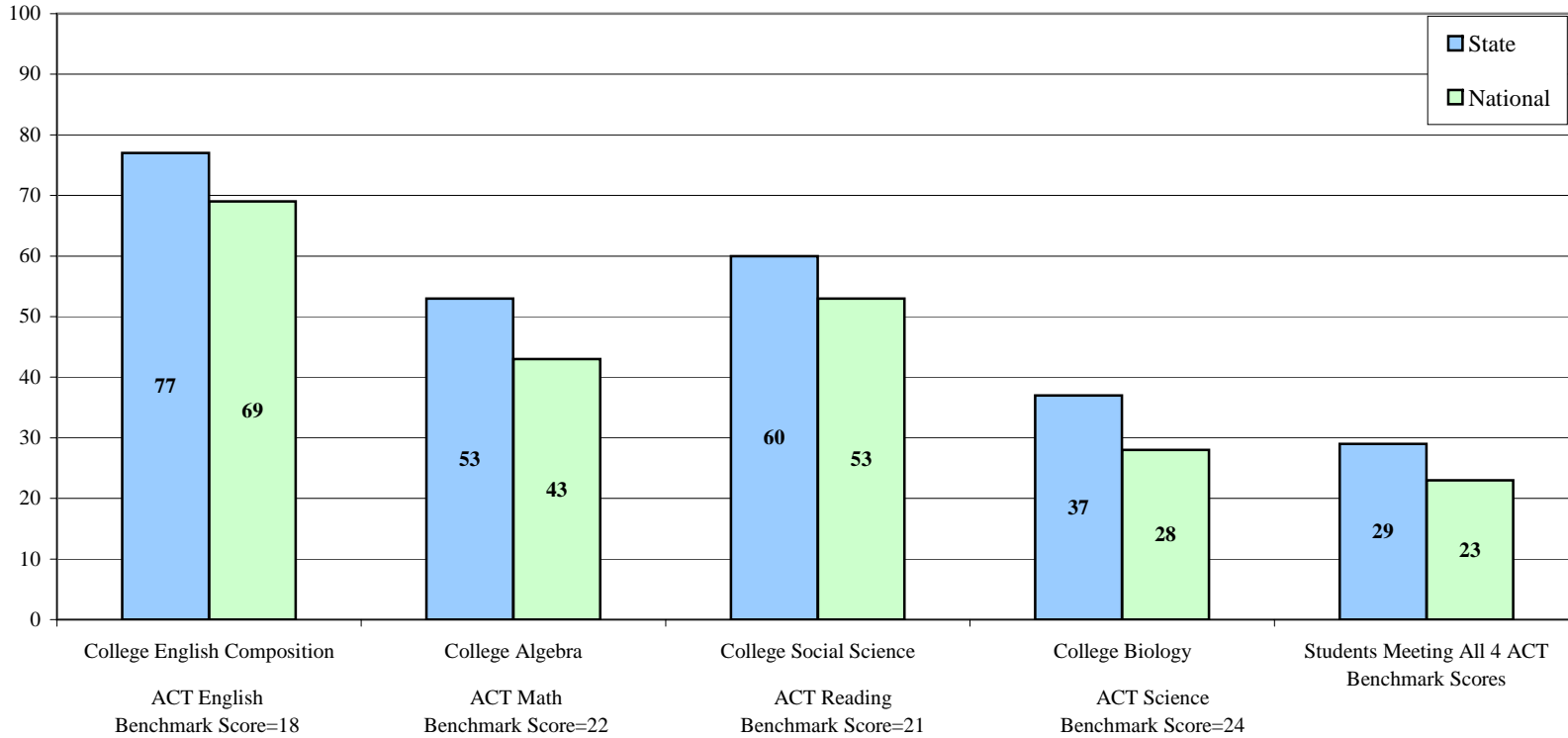
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 847-634-2560.

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	45,669	1,175,059	76	67	52	40	61	52	35	26	28	20
2004	45,480	1,171,460	77	68	53	40	61	52	36	26	29	21
2005	45,700	1,186,251	76	68	52	41	60	51	36	26	28	21
2006	44,275	1,206,455	77	69	52	42	61	53	35	27	28	21
2007	46,430	1,300,599	77	69	53	43	60	53	37	28	29	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	45,669	1,175,059	21.3	20.3	22.1	20.6	22.4	21.2	22.3	20.8	22.2	20.8
2004	45,480	1,171,460	21.5	20.4	22.1	20.7	22.5	21.3	22.2	20.9	22.2	20.9
2005	45,700	1,186,251	21.5	20.4	22.0	20.7	22.4	21.3	22.3	20.9	22.2	20.9
2006	44,275	1,206,455	21.5	20.6	22.0	20.8	22.4	21.4	22.2	20.9	22.2	21.1
2007	46,430	1,300,599	21.6	20.7	22.2	21.0	22.4	21.5	22.4	21.0	22.3	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	27,869	15,822	61	35	22.1	20.0	22.9	20.8	23.1	21.2	22.9	21.3	22.9	20.9
2004	27,396	15,610	60	34	22.3	20.1	22.9	20.7	23.2	21.3	22.8	21.2	22.9	21.0
2005	27,159	15,492	59	34	22.3	20.1	22.8	20.7	23.1	21.1	22.9	21.2	22.9	20.9
2006	25,180	15,038	57	34	22.3	20.1	22.8	20.8	23.1	21.3	22.8	21.3	22.9	21.0
2007	24,322	16,684	52	36	22.4	20.4	23.0	21.1	23.1	21.4	23.0	21.5	23.0	21.2

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	45,669	100	22.2	45,480	100	22.2	45,700	100	22.2	44,275	100	22.2	46,430	100	22.3
African American/Black	1,539	3	17.1	1,652	4	17.2	1,876	4	16.9	1,884	4	17.0	2,139	5	17.0
American Indian/Alaska Native	292	1	20.2	304	1	20.2	318	1	20.4	323	1	20.1	311	1	20.4
Caucasian American/White	38,782	85	22.5	38,095	84	22.6	37,867	83	22.6	35,718	81	22.6	35,381	76	22.7
Hispanic	982	2	19.3	1,035	2	19.7	1,061	2	19.6	1,147	3	19.6	1,206	3	20.0
Asian American/Pacific Islander	1,396	3	20.1	1,483	3	20.3	1,409	3	20.1	1,465	3	20.4	1,467	3	20.1
Other/No Response	2,678	6	22.1	2,911	6	22.5	3,169	7	22.5	3,738	8	22.2	5,926	13	22.8

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	65	100	113	100	215	100	150	100	18	100	36
35	433	100	235	100	424	100	410	100	104	100	35
34	584	99	355	99	686	99	202	99	195	100	34
33	533	98	381	98	857	97	533	98	362	99	33
32	591	97	564	98	989	95	409	97	576	99	32
31	757	95	981	96	1,392	93	447	96	737	97	31
30	904	94	775	94	1,288	90	798	95	1,083	96	30
29	1,290	92	1,492	93	1,453	87	919	94	1,379	93	29
28	1,723	89	1,671	89	2,629	84	1,307	92	1,772	90	28
27	1,657	85	2,397	86	1,902	79	1,599	89	2,236	87	27
26	2,282	82	2,902	81	2,084	75	2,685	85	2,576	82	26
25	2,918	77	3,578	74	2,070	70	3,600	80	3,123	76	25
24	2,684	70	3,580	67	3,144	66	3,995	72	3,570	70	24
23	2,941	65	2,955	59	3,409	59	4,478	63	3,810	62	23
22	3,575	58	2,856	53	2,305	51	5,026	54	4,039	54	22
21	3,891	51	2,896	47	3,150	46	4,089	43	3,950	45	21
20	3,757	42	2,800	40	3,251	40	4,473	34	3,692	36	20
19	3,022	34	3,094	34	3,162	33	3,362	24	3,387	28	19
18	2,363	28	3,120	28	2,047	26	2,830	17	2,991	21	18
17	1,920	23	3,136	21	2,356	21	1,741	11	2,286	15	17
16	2,399	18	3,508	14	2,320	16	943	7	1,737	10	16
15	1,822	13	1,755	7	1,570	11	770	5	1,202	6	15
14	1,375	9	908	3	1,574	8	567	4	790	3	14
13	826	6	241	1	859	5	350	2	461	2	13
12	673	5	99	1	797	3	314	2	250	1	12
11	497	3	23	1	296	1	214	1	83	1	11
10	357	2	11	1	116	1	152	1	16	1	10
9	236	1	3	1	45	1	39	1	3	1	9
8	226	1	1	1	26	1	15	1	2	1	8
7	92	1	0	1	7	1	7	1	0	1	7
6	29	1	0	1	5	1	4	1	0	1	6
5	8	1	0	1	2	1	1	1	0	1	5
4	0	1	0	1	0	1	1	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.6 (5.5)		22.2 (4.9)		22.4 (5.7)		22.4 (4.4)		22.3 (4.5)		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	1,154	100	341	100	837	100	1,482	100	1,193	100	557	100	691	100	18
17	2,321	98	971	99	2,508	98	2,299	97	1,983	97	529	99	200	99	17
16	2,226	93	1,804	97	3,341	93	3,126	92	3,012	93	1,288	98	1,728	98	16
15	1,983	88	3,217	93	2,833	86	3,597	85	3,320	87	2,315	95	2,806	94	15
14	3,652	83	4,169	86	3,865	79	3,884	77	3,996	80	4,231	90	4,802	88	14
13	3,572	76	4,324	77	3,562	71	4,266	69	6,605	71	6,531	81	5,423	78	13
12	4,678	68	5,495	68	5,366	64	4,418	60	4,214	57	5,352	67	6,601	66	12
11	4,806	58	7,639	56	6,564	52	3,826	50	4,145	48	6,314	55	6,032	52	11
10	5,353	47	5,397	40	4,190	38	5,305	42	5,192	39	6,968	42	6,485	39	10
9	4,401	36	4,684	28	4,100	29	3,712	31	3,198	28	5,463	27	5,145	25	9
8	4,376	26	3,849	18	4,703	20	3,068	23	3,837	21	3,119	15	2,737	14	8
7	2,784	17	2,031	10	2,015	10	2,428	16	3,904	12	1,465	8	1,817	8	7
6	2,143	11	1,188	5	1,304	5	2,876	11	1,248	4	1,161	5	764	4	6
5	1,560	6	775	3	565	3	1,330	5	346	1	669	2	448	3	5
4	890	3	408	1	427	1	638	2	154	1	185	1	397	2	4
3	398	1	114	1	189	1	128	1	59	1	242	1	237	1	3
2	116	1	23	1	50	1	45	1	21	1	2	1	68	1	2
1	17	1	1	1	11	1	2	1	3	1	39	1	49	1	1
Avg (SD)	10.9 (3.5)		11.2 (2.9)		11.5 (3.2)		11.4 (3.6)		11.6 (3.2)		11.2 (2.7)		11.3 (2.8)		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)	25	26	27	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	18	18	18	20	19

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	46,430	52	23.0	21.2
	African Am./Black	2,139	45	17.5	16.6
	Am. Indian/Alaska Native	311	52	21.5	19.3
	Caucasian Am./White	35,381	55	23.4	21.7
	Hispanic	1,206	49	20.7	19.0
	Asian Am./Pacific Islander	1,467	50	20.7	19.1
	Other/No Response	5,926	40	23.5	21.8
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	21.6	22.2	22.4	22.4	22.3
	African Am./Black	16.1	16.8	17.3	17.5	17.0
	Am. Indian/Alaska Native	19.0	20.3	20.8	21.0	20.4
	Caucasian Am./White	22.1	22.6	22.9	22.8	22.7
	Hispanic	19.1	19.8	20.2	20.2	20.0
	Asian Am./Pacific Islander	18.6	20.9	19.6	20.6	20.1
	Other/No Response	22.3	22.6	23.0	22.7	22.8
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	1,615	3	1,084	2	2,182	5	1,295	3
	28 to 32	5,265	11	5,483	12	7,751	17	3,880	8
	24 to 27	9,541	21	12,457	27	9,200	20	11,879	26
	20 to 23	14,164	31	11,507	25	12,115	26	18,066	39
	16 to 19	9,704	21	12,858	28	9,885	21	8,876	19
	13 to 15	4,023	9	2,904	6	4,003	9	1,687	4
	01 to 12	2,118	5	137	0	1,294	3	747	2
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	19,901	43	21.3	23.1	22.4	23.0	22.6
	Females	23,905	51	21.9	21.4	22.5	21.8	22.0
	Missing	2,624	6	21.7	22.2	22.4	22.3	22.2
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	76	61	60	43	34
	Females	79	48	61	32	26
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

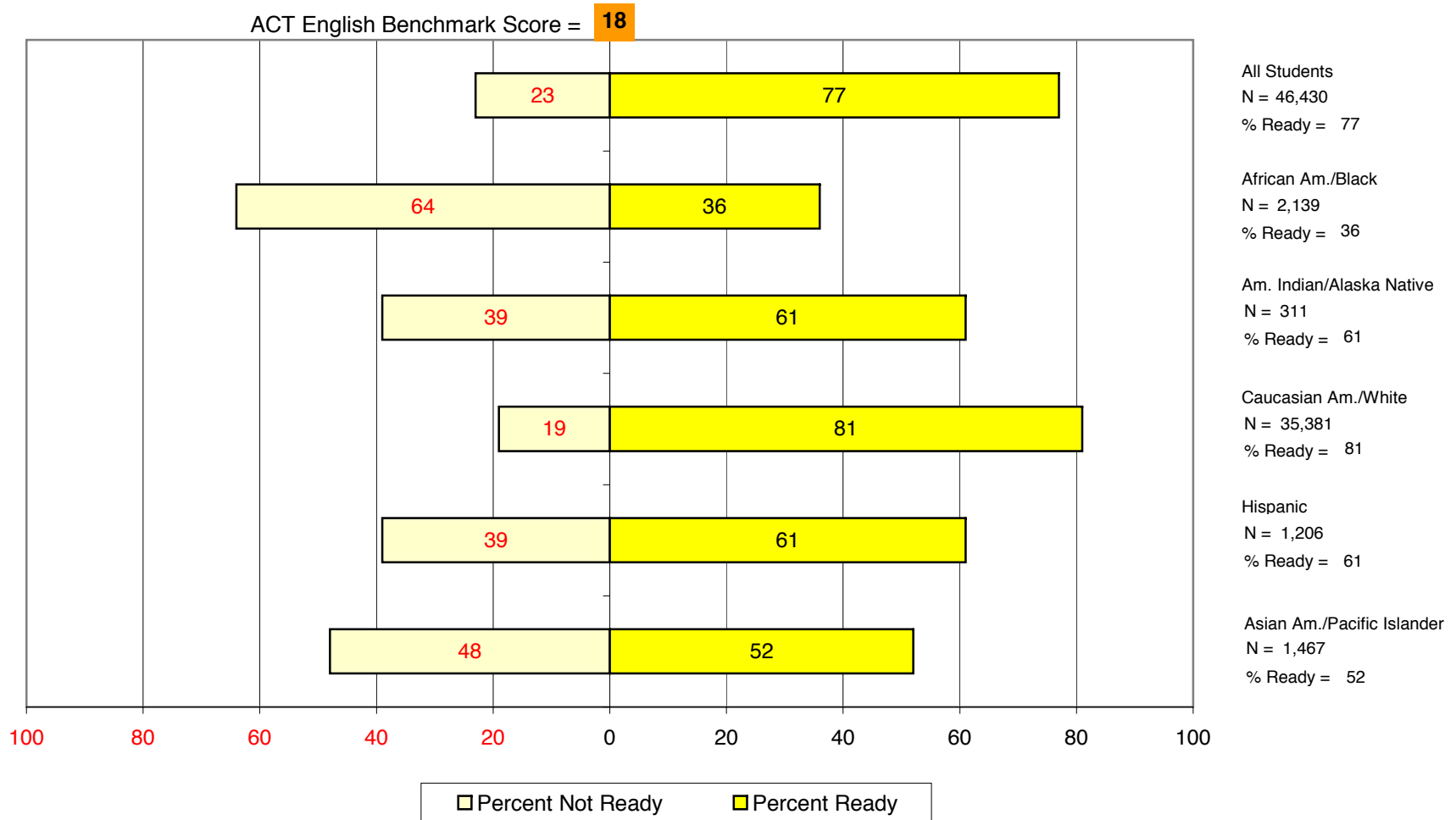


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

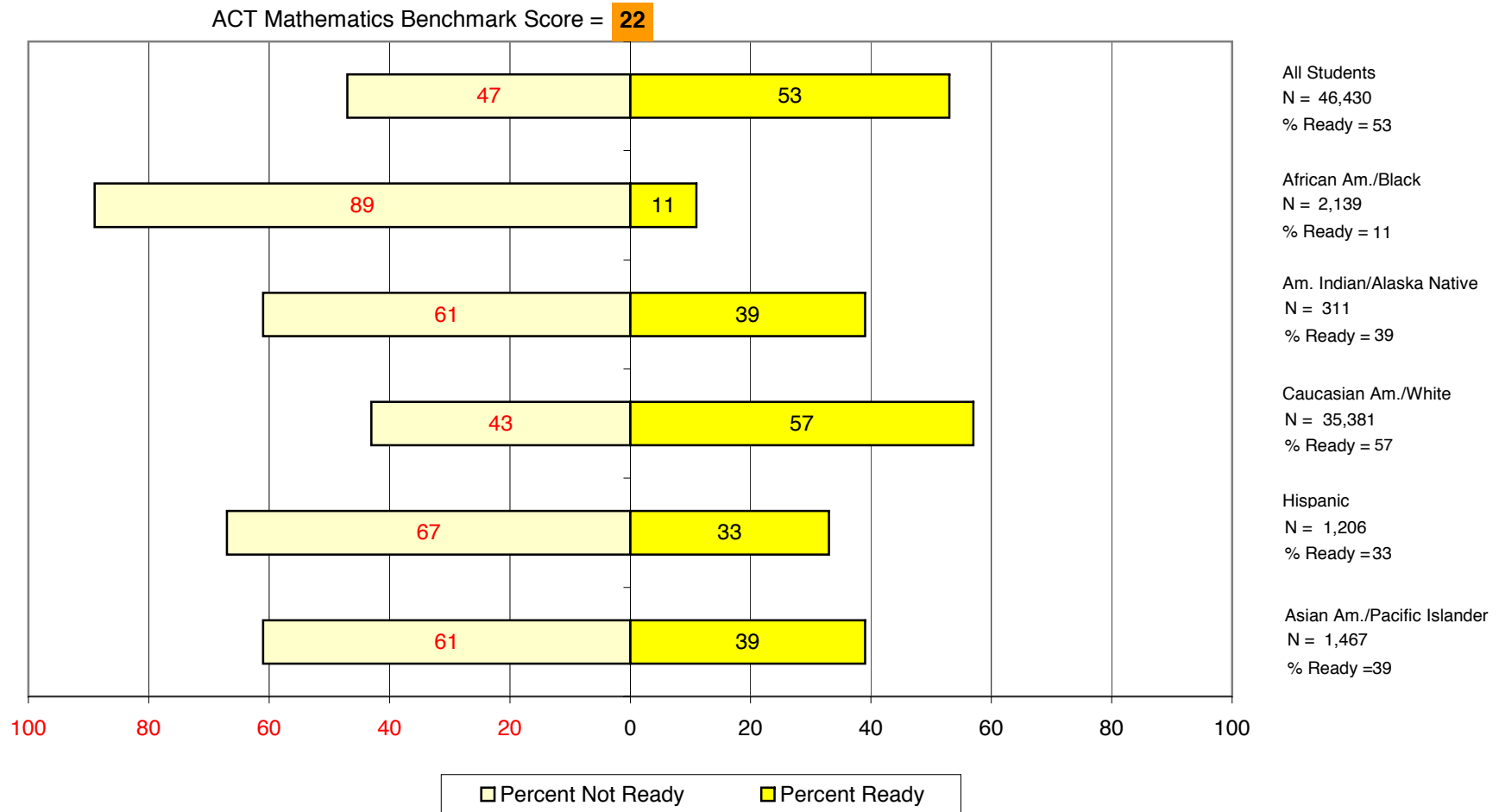


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

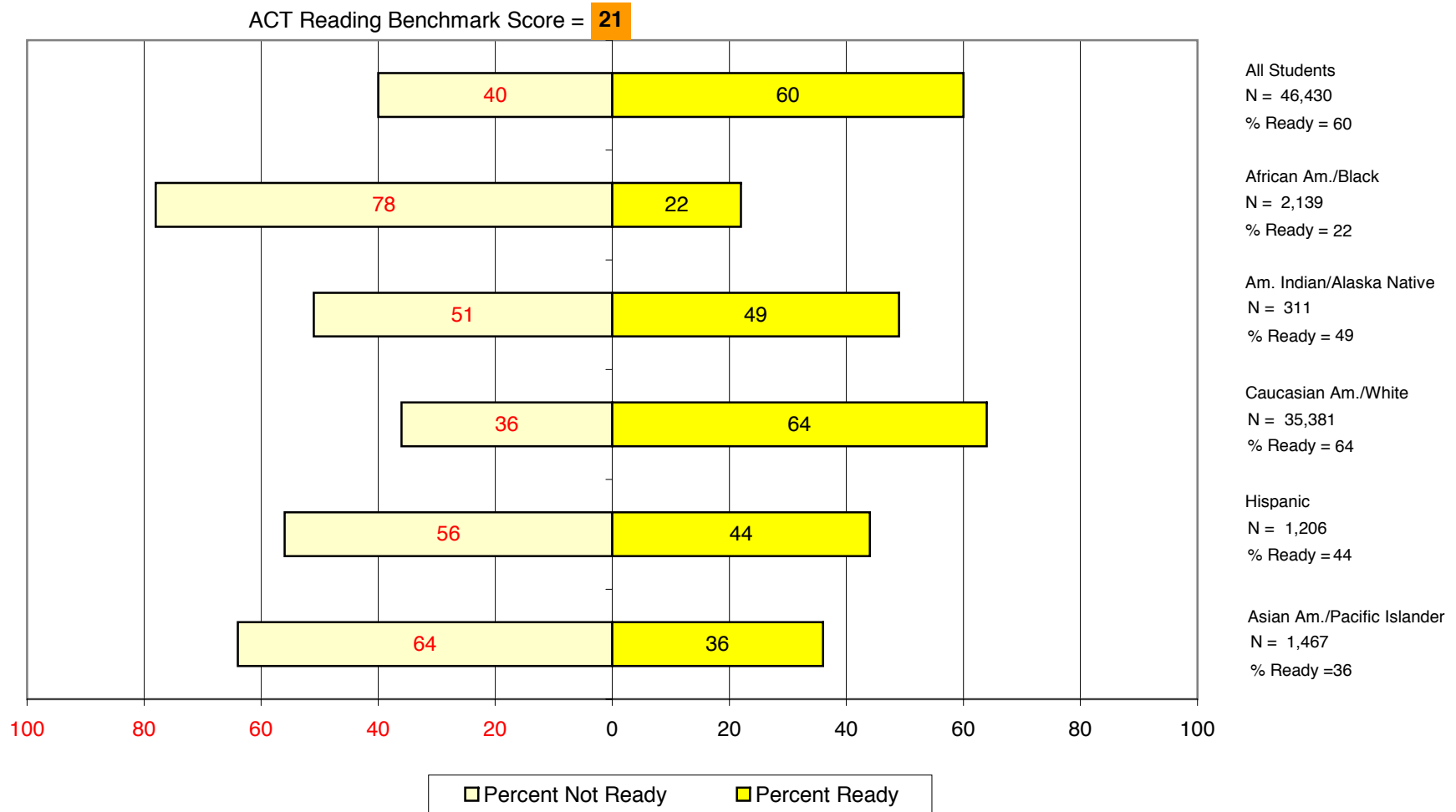


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

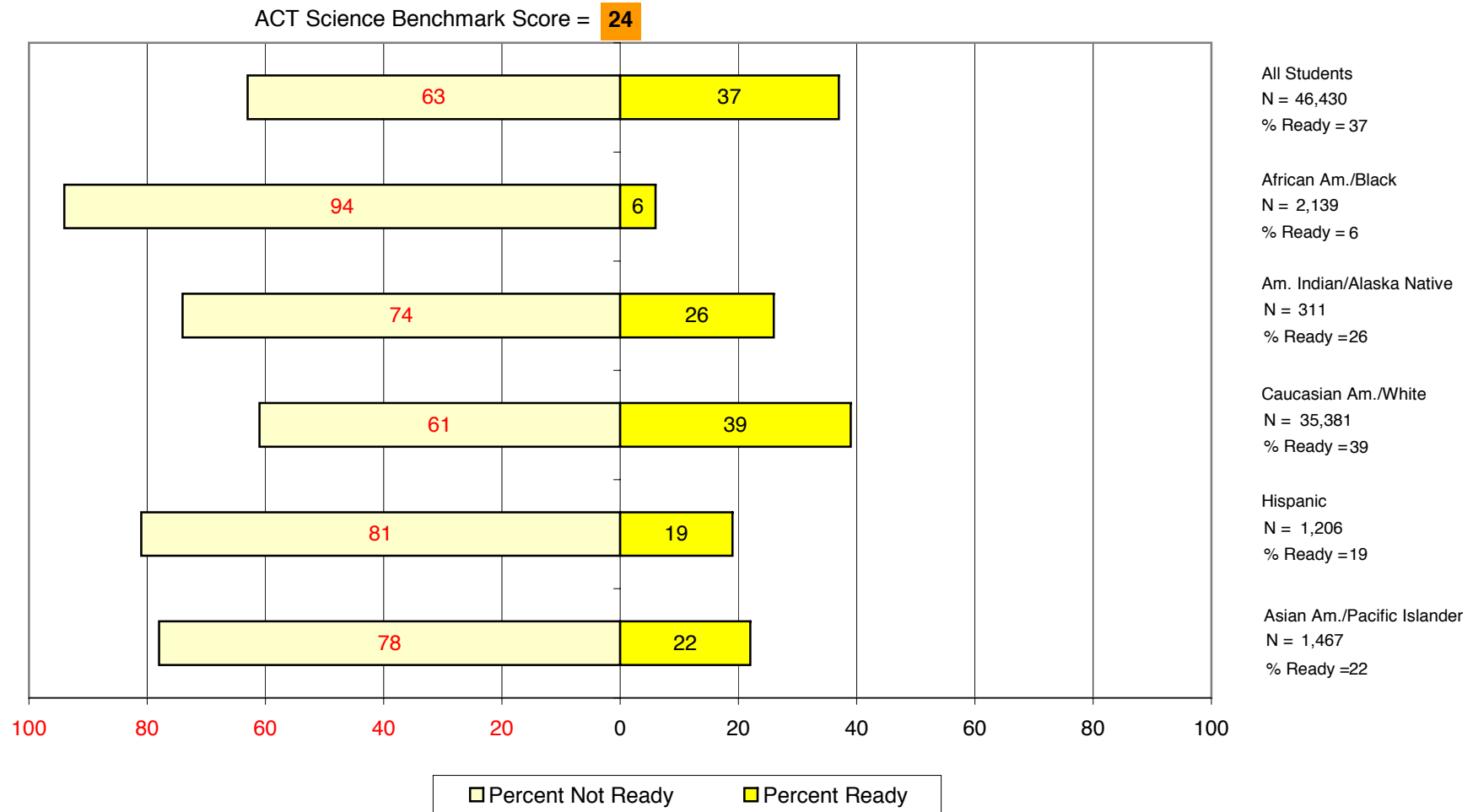


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

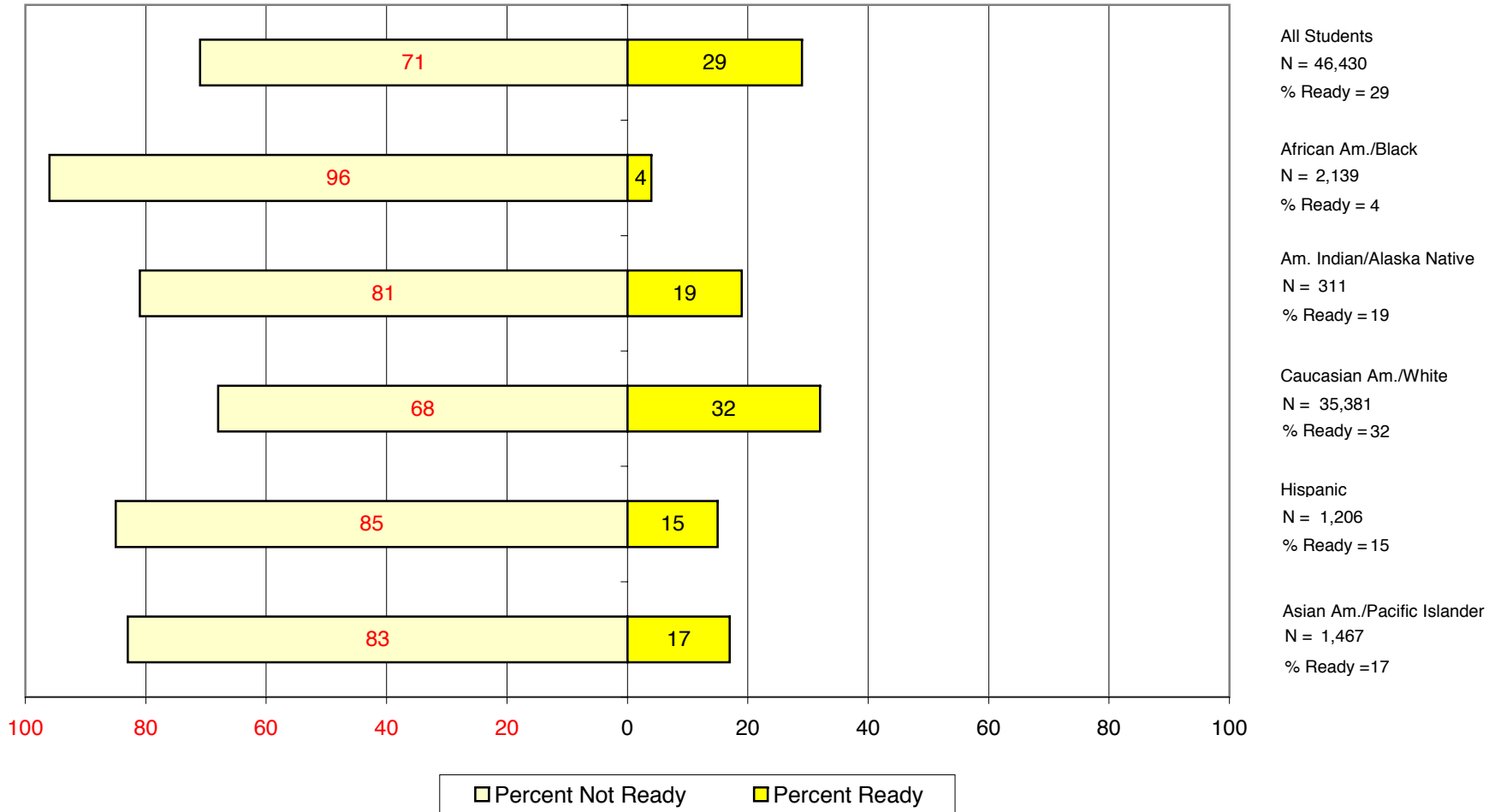


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	11,664	25	22.4	1.6	4,248	21	22.2	1.7	7,000	29	22.6	1.5
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	23,232	50	21.4	0.6	10,500	53	21.2	0.7	11,897	50	21.7	0.6
Less than 4 years of English	5,968	13	20.8	-	2,707	14	20.5	-	2,904	12	21.1	-
No English course/grade information reported	5,566	12	21.8	-	2,446	12	21.1	-	2,104	9	22.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,606	6	25.1	5.6	1,214	6	25.8	5.7	1,297	5	24.4	5.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,131	9	22.9	3.4	1,493	8	23.6	3.5	2,480	10	22.5	3.7
Alg 1, Alg 2, Geom, & Trig	4,185	9	21.2	1.7	1,680	8	22.1	2.0	2,349	10	20.6	1.8
Alg 1, Alg 2, Geom, & Other Adv Math	6,045	13	21.7	2.2	2,172	11	22.6	2.5	3,661	15	21.2	2.4
Other comb of 4 or more years of Math	9,815	21	25.3	5.8	4,938	25	26.1	6.0	4,594	19	24.4	5.6
Alg 1, Alg 2, & Geom (Min. Core)	6,889	15	19.1	-0.4	2,748	14	19.9	-0.2	3,826	16	18.6	-0.2
Other comb of 3 or 3.5 years of Math	2,194	5	22.4	2.9	1,054	5	23.0	2.9	1,057	4	21.7	2.9
Less than 3 years of Math	4,602	10	19.5	-	1,964	10	20.1	-	2,365	10	18.8	-
No Math course/grade information reported	5,963	13	22.0	-	2,638	13	22.5	-	2,276	10	21.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,244	3	22.7	1.0	641	3	22.5	0.9	558	2	22.9	1.2
Other comb of 4 or more years Social Science	14,842	32	23.0	1.3	6,081	31	23.1	1.5	8,205	34	22.9	1.2
US Hist, World Hist, & Am Gov (Min. Core)	2,425	5	21.3	-0.4	1,210	6	21.4	-0.2	1,116	5	21.2	-0.5
Other comb of 3 or 3.5 years of Social Science	12,818	28	22.6	0.9	5,258	26	22.4	0.8	7,135	30	22.7	1.0
Less than 3 years of Social Science	9,165	20	21.7	-	4,085	21	21.6	-	4,638	19	21.7	-
No Soc Sci course/grade information reported	5,936	13	22.4	-	2,626	13	22.2	-	2,253	9	22.7	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	14,983	32	23.4	2.7	7,005	35	24.2	3.3	7,503	31	22.7	2.3
Bio, Chem, Phys	4,488	10	24.6	3.9	2,045	10	25.4	4.5	2,280	10	23.8	3.4
Gen Sci ² , Bio, Chem (Min. Core)	13,112	28	21.3	0.6	4,652	23	21.7	0.8	7,935	33	21.0	0.6
Other comb of 3 years of Natural Science	1,144	2	22.1	1.4	665	3	22.6	1.7	426	2	21.4	1.0
Less than 3 years of Natural Science	6,689	14	20.7	-	2,872	14	20.9	-	3,473	15	20.4	-
No Nat Sci course/grade information reported	6,014	13	22.3	-	2,662	13	22.7	-	2,288	10	21.7	-

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	11,664	25	22.4	82	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	23,232	50	21.4	76	766,001	59	20.5	68
Less than 4 years of English	5,968	13	20.8	73	141,777	11	19.7	64
No English course/grade information reported	5,566	12	21.8	78	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,606	6	25.1	78	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,131	9	22.9	65	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	4,185	9	21.2	47	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	6,045	13	21.7	52	163,562	13	20.4	38
Other comb of 4 or more years of Math	9,815	21	25.3	78	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	6,889	15	19.1	25	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	2,194	5	22.4	55	57,945	4	20.9	43
Less than 3 years of Math	4,602	10	19.5	29	145,617	11	18.3	21
No Math course/grade information reported	5,963	13	22.0	51	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,244	3	22.7	60	31,985	2	22.7	61
Other comb of 4 or more years Social Science	14,842	32	23.0	65	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	2,425	5	21.3	52	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	12,818	28	22.6	61	333,689	26	21.4	52
Less than 3 years of Social Science	9,165	20	21.7	55	201,605	16	20.6	47
No Soc Sci course/grade information reported	5,936	13	22.4	60	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	14,983	32	23.4	47	333,648	26	22.4	40
Bio, Chem, Phys	4,488	10	24.6	57	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	13,112	28	21.3	25	353,348	27	20.2	20
Other comb of 3 years of Natural Science	1,144	2	22.1	33	32,593	3	20.4	24
Less than 3 years of Natural Science	6,689	14	20.7	23	247,312	19	19.1	15
No Nat Sci course/grade information reported	6,014	13	22.3	37	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	622	1	20.6	95	4	18.9	486	1	21.1
Architecture & Environmental Design	870	2	21.7	60	2	18.5	780	2	22.0
Business & Management	3,248	7	21.6	143	6	18.5	2,977	8	21.8
Business & Office	230	0	20.9	21	1	19.3	200	1	21.1
Marketing & Distribution	357	1	21.2	20	1	18.6	328	1	21.4
Communications & Comm. Technologies	909	2	22.2	46	2	18.4	821	2	22.5
Community & Personal Services	974	2	19.5	141	6	17.9	773	2	19.9
Computer & Information Sciences	863	2	23.4	81	3	20.8	749	2	23.7
Cross-Disciplinary Studies	34	0	24.7	2	0	17.0	32	0	25.2
Education	1,745	4	21.8	31	1	17.6	1,626	5	21.9
Teacher Education	1,170	3	21.3	19	1	17.8	1,096	3	21.4
Engineering	1,293	3	24.2	57	2	18.2	1,192	3	24.6
Engineering-Related Technologies	918	2	23.3	54	2	18.9	838	2	23.6
Foreign Languages	256	1	23.6	6	0	16.3	238	1	23.9
Health Sciences & Allied Health Fields	6,301	14	21.8	473	19	18.6	5,609	16	22.1
Human, Family & Consumer Science	313	1	19.8	48	2	18.2	240	1	20.1
Letters	266	1	25.0	3	0	20.3	251	1	25.2
Mathematics	272	1	25.7	1	0	18.0	262	1	25.8
Philosophy, Religion & Theology	198	0	23.9	6	0	18.8	177	0	24.1
Sciences (Biological & Physical)	1,980	4	24.5	23	1	19.2	1,893	5	24.6
Social Sciences	2,391	5	22.9	34	1	18.1	2,281	6	23.0
Trade & Industrial	330	1	19.9	166	7	19.3	147	0	20.6
Visual & Performing Arts	2,066	4	22.1	142	6	18.7	1,786	5	22.4
Undecided	6,304	14	22.0	396	16	18.6	5,445	15	22.3
No Response	12,520	27	22.6	425	17	18.7	5,484	15	23.0

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	555	18.9	17	13.7	3	18.0	459	19.2	11	20.1	15	16.9	50	18.6
2-yr College Degree	1,938	18.6	95	14.5	12	19.3	1,525	19.1	70	16.2	69	16.1	167	18.4
Bachelors Degree	18,559	21.5	682	16.7	120	19.8	15,136	21.9	410	19.3	533	18.4	1,678	21.6
Graduate Study	7,200	23.9	292	18.0	41	21.9	5,755	24.3	165	21.6	201	20.7	746	24.4
Prof. Level Degree	9,952	23.6	639	17.9	85	21.3	7,295	24.3	360	20.7	440	22.3	1,133	24.0
Other	1,090	19.8	115	15.9	9	19.4	757	20.6	30	20.0	55	16.8	124	20.0
No Response	7,136	22.6	299	16.5	41	19.6	4,454	22.9	160	20.1	154	21.8	2,028	23.1

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 WISCONSIN-MADISON	Wisconsin	11,545	5,192	6,353	0	2	9	26	37	23	3
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	10,936	3,510	7,426	1	7	25	37	23	7	0
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	7,033	1,598	5,435	0	2	16	39	32	11	0
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	6,386	1,543	4,843	1	6	26	38	22	6	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	6,309	1,546	4,763	0	2	18	39	29	10	1
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	6,195	1,376	4,819	1	5	28	42	21	5	0
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	5,940	1,375	4,565	0	4	24	42	23	6	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	5,900	1,497	4,403	0	1	9	28	38	22	2
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	4,439	995	3,444	1	4	27	39	23	6	0
MARQUETTE UNIVERSITY	Wisconsin	4,365	1,122	3,243	1	5	14	27	32	18	2
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	3,352	904	2,448	1	4	23	40	23	9	1
UNIV OF WISCONSIN-STOUT	Wisconsin	3,223	780	2,443	0	5	31	40	18	4	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	2,062	568	1,494	2	13	34	33	15	3	0
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,878	522	1,356	0	5	28	40	21	6	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,534	438	1,096	1	4	14	30	32	17	3
MADISON AREA TECHNICAL COLLEGE	Wisconsin	1,527	524	1,003	1	8	39	35	13	3	0
WINONA STATE UNIVERSITY	Minnesota	1,417	370	1,047	0	3	25	42	24	6	0
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	1,370	357	1,013	6	20	38	27	9	1	0
CARROLL COLLEGE	Wisconsin	1,343	372	971	1	6	23	37	24	9	0
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	1,036	241	795	0	8	36	35	17	4	0
CARTHAGE COLLEGE	Wisconsin	953	228	725	0	5	22	36	27	10	0
SAINT NORBERT COLLEGE	Wisconsin	941	233	708	0	3	18	31	30	17	1
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	918	215	703	0	2	20	40	29	10	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	870	259	611	1	11	43	34	10	2	0
EDGEWOOD COLLEGE	Wisconsin	800	208	592	0	5	26	38	25	6	0
ALVERNO COLLEGE	Wisconsin	763	250	513	5	20	37	25	9	4	0
UNIV OF WISCONSIN-FOX VALLEY	Wisconsin	711	213	498	0	7	35	39	16	3	0
MILWAUKEE INSTITUTE OF ART AND DESIGN	Wisconsin	700	194	506	1	8	33	34	18	6	0
UNIV OF WISCONSIN-SUPERIOR	Wisconsin	694	183	511	0	6	28	40	20	5	0
VITERBO UNIVERSITY	Wisconsin	681	143	538	1	2	25	43	21	7	0
All Other Institutions		41,090	10,238	30,852	1	6	23	29	23	15	3
Total		136,911	37,194	99,717	1	5	22	34	25	12	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	24,431	532,943	23.4	22.3	7.7	7.6	22.7	21.8
African Am./Black	1,154	50,340	17.0	17.2	6.8	6.7	17.2	17.3
Am. Indian/Alaska Native	148	3,462	20.7	19.8	7.3	7.0	20.3	19.4
Caucasian Am./White	18,267	308,578	23.9	23.4	7.7	7.6	23.1	22.6
Hispanic	640	42,588	20.7	18.8	7.5	7.3	20.6	19.0
Asian Am./Pacific Islander	817	25,616	20.7	23.2	7.6	8.0	20.7	22.8
Other/No Response	3,405	102,359	24.0	23.2	7.7	7.8	23.2	22.7
Males	9,940	204,427	23.2	22.0	7.4	7.3	22.3	21.3
Females	13,077	285,556	23.5	22.5	7.9	7.7	23.0	22.1
Missing	1,414	42,960	23.3	23.0	7.7	7.8	22.7	22.6

