

ACT High School Profile Report

The Graduating Class of 2008
Wisconsin



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This report provides information about the performance of your 2008 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 2008 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, 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

30% of 2008 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. 46,990 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. 58% 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 9% of the cohort took less than three years of math courses. Of these students, 28% were college ready. 16% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 26% of these students were college ready. In comparison, 63% 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. 22% of these students were college ready. In comparison, 40% 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.

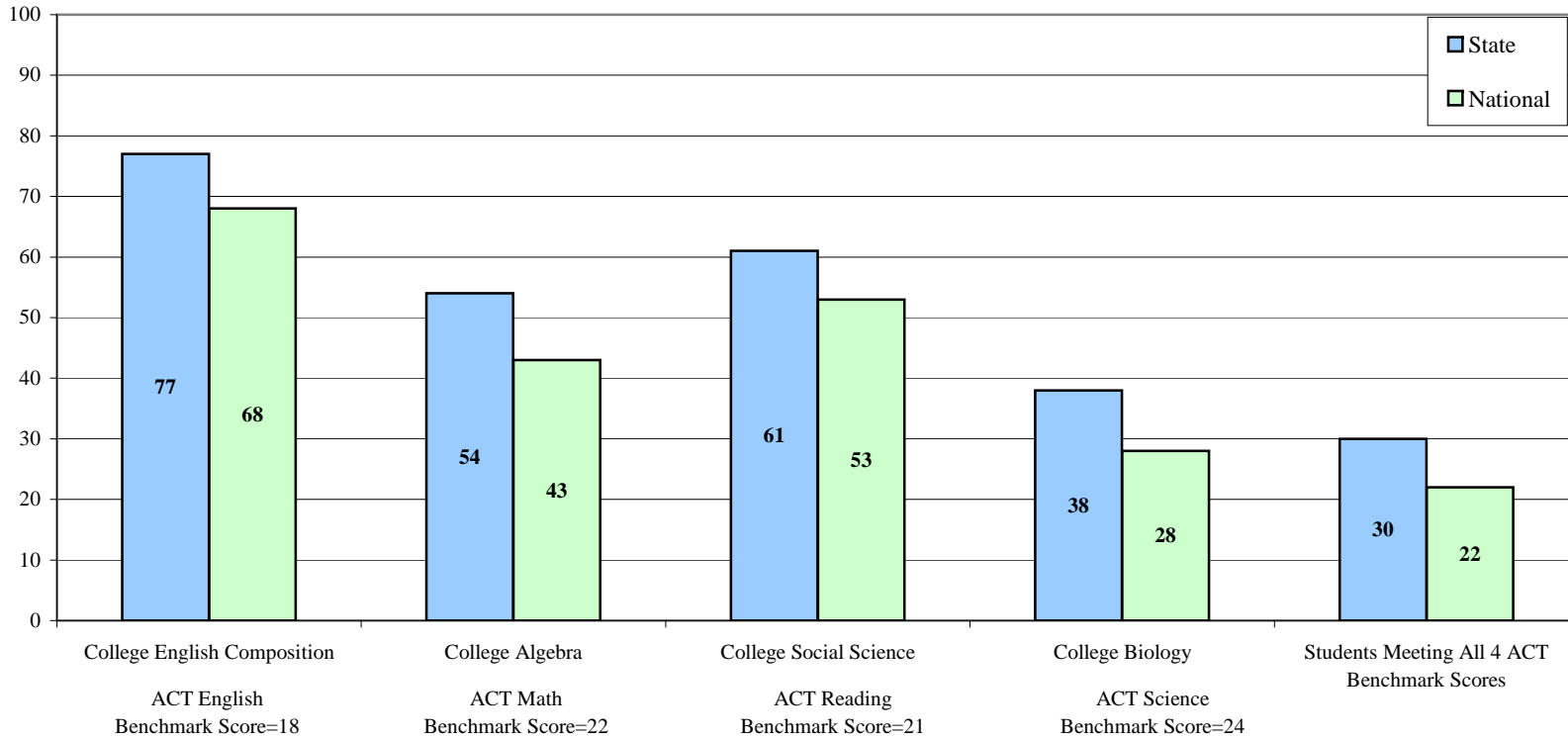
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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
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
2008	46,990	1,421,941	77	68	54	43	61	53	38	28	30	22

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
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
2008	46,990	1,421,941	21.7	20.6	22.3	21.0	22.6	21.4	22.3	20.8	22.3	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
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
2008	1,421,941	20.6	21.0	21.4	20.8	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
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
2008	27,114	14,828	58	32	22.4	20.4	22.8	21.0	23.1	21.5	22.7	21.3	22.9	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

	2004			2005			2006			2007			2008		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	45,480	100	22.2	45,700	100	22.2	44,275	100	22.2	46,430	100	22.3	46,990	100	22.3
African American/Black	1,652	4	17.2	1,876	4	16.9	1,884	4	17.0	2,139	5	17.0	2,271	5	17.0
American Indian/Alaska Native	304	1	20.2	318	1	20.4	323	1	20.1	311	1	20.4	318	1	20.4
Caucasian American/White	38,095	84	22.6	37,867	83	22.6	35,718	81	22.6	35,381	76	22.7	36,397	77	22.8
Hispanic	1,035	2	19.7	1,061	2	19.6	1,147	3	19.6	1,206	3	20.0	1,297	3	19.7
Asian American/Pacific Islander	1,483	3	20.3	1,409	3	20.1	1,465	3	20.4	1,467	3	20.1	1,620	3	20.4
Other/No Response	2,911	6	22.5	3,169	7	22.5	3,738	8	22.2	5,926	13	22.8	5,087	11	23.1

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	58	100	136	100	307	100	122	100	15	100	36
35	520	100	254	100	474	99	258	100	99	100	35
34	732	99	355	99	462	98	228	99	217	100	34
33	543	97	675	98	955	97	524	99	416	99	33
32	626	96	526	97	1,049	95	294	98	569	98	32
31	911	95	601	96	1,225	93	436	97	782	97	31
30	1,183	93	1,160	95	1,688	90	846	96	1,170	96	30
29	1,339	90	1,579	92	1,916	87	963	94	1,420	93	29
28	1,453	87	1,952	89	2,308	83	1,520	92	1,813	90	28
27	1,666	84	2,504	85	1,881	78	1,493	89	2,217	86	27
26	2,169	81	3,084	79	1,973	74	2,891	86	2,766	81	26
25	2,641	76	3,442	73	2,512	70	4,298	80	3,145	76	25
24	2,964	71	3,379	65	2,296	64	3,812	70	3,605	69	24
23	2,800	64	3,062	58	4,147	59	3,873	62	3,820	61	23
22	3,583	58	2,601	52	2,400	51	4,513	54	3,956	53	22
21	4,429	51	3,027	46	3,090	46	4,391	45	4,055	45	21
20	3,739	41	2,460	40	3,800	39	4,997	35	3,773	36	20
19	2,674	33	3,024	34	2,798	31	3,594	25	3,299	28	19
18	2,314	28	3,193	28	2,024	25	2,377	17	2,929	21	18
17	2,188	23	3,132	21	2,251	21	1,640	12	2,217	15	17
16	1,912	18	3,507	15	2,330	16	1,182	8	1,779	10	16
15	1,955	14	2,101	7	1,435	11	840	6	1,283	6	15
14	1,364	10	854	3	1,585	8	649	4	837	4	14
13	984	7	252	1	944	4	441	3	491	2	13
12	718	5	94	1	575	2	381	2	218	1	12
11	574	3	24	1	333	1	210	1	78	1	11
10	484	2	9	1	148	1	133	1	14	1	10
9	215	1	0	1	39	1	44	1	4	1	9
8	157	1	2	1	23	1	26	1	3	1	8
7	66	1	0	1	15	1	10	1	0	1	7
6	24	1	1	1	3	1	2	1	0	1	6
5	3	1	0	1	3	1	2	1	0	1	5
4	2	1	0	1	0	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	0	1	0	1	1
Avg (SD)	21.7 (5.6)		22.3 (5.0)		22.6 (5.7)		22.3 (4.4)		22.3 (4.6)		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	1,745	100	275	100	1,175	100	1,111	100	2,433	100	378	100	532	100	18
17	1,726	96	1,379	99	2,271	97	2,288	98	2,627	95	695	99	135	99	17
16	2,465	93	2,290	96	2,697	93	3,619	93	3,023	89	1,146	98	2,181	99	16
15	2,421	87	3,720	92	4,482	87	3,839	85	2,230	83	2,228	95	2,403	94	15
14	3,001	82	2,830	84	3,178	77	4,224	77	4,599	78	4,542	91	5,955	89	14
13	4,143	76	4,780	78	4,165	71	3,301	68	5,519	68	5,869	81	4,974	76	13
12	4,088	67	6,197	67	5,004	62	5,058	61	3,948	57	4,795	68	6,967	66	12
11	4,895	58	6,467	54	5,587	51	5,076	50	4,536	48	7,833	58	4,799	51	11
10	5,909	48	6,432	41	4,890	39	4,263	39	4,853	38	7,789	42	7,590	41	10
9	4,393	35	4,223	27	4,250	29	3,779	30	3,180	28	5,207	25	3,954	24	9
8	3,806	26	3,631	18	4,859	20	3,291	22	4,694	21	3,171	14	2,968	16	8
7	2,961	18	2,194	10	2,055	9	2,390	15	3,411	11	1,234	7	2,051	10	7
6	2,425	12	1,189	5	1,349	5	2,410	10	1,355	4	909	4	1,068	5	6
5	1,603	6	702	3	526	2	1,475	5	367	1	755	3	662	3	5
4	920	3	485	1	298	1	676	2	143	1	217	1	298	2	4
3	357	1	166	1	137	1	128	1	51	1	162	1	310	1	3
2	124	1	26	1	54	1	60	1	16	1	20	1	84	1	2
1	8	1	4	1	13	1	2	1	5	1	40	1	59	1	1
Avg (SD)	10.9 (3.6)		11.2 (3.0)		11.6 (3.2)		11.4 (3.5)		11.8 (3.4)		11.1 (2.6)		11.3 (2.9)		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	19	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	46,990	58	22.9	21.2
	African Am./Black	2,271	52	17.4	16.6
	Am. Indian/Alaska Native	318	52	21.3	19.0
	Caucasian Am./White	36,397	60	23.3	21.7
	Hispanic	1,297	56	20.4	18.6
	Asian Am./Pacific Islander	1,620	59	21.1	19.2
	Other/No Response	5,087	44	23.4	21.8
National	All Students	1,421,941	61	22.0	19.5
	African Am./Black	178,417	58	17.7	16.0
	Am. Indian/Alaska Native	14,380	53	20.3	17.6
	Caucasian Am./White	895,588	64	22.9	20.4
	Hispanic	114,697	60	19.6	17.4
	Asian Am./Pacific Islander	51,368	71	23.4	21.4
	Other/No Response	167,491	52	22.5	20.1

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.7	22.3	22.6	22.3	22.3
	African Am./Black	16.0	16.9	17.2	17.5	17.0
	Am. Indian/Alaska Native	19.0	20.0	21.0	21.0	20.4
	Caucasian Am./White	22.2	22.7	23.0	22.7	22.8
	Hispanic	18.8	19.6	20.1	19.8	19.7
	Asian Am./Pacific Islander	19.1	21.3	19.9	20.6	20.4
	Other/No Response	22.7	22.9	23.5	22.8	23.1
National	All Students	20.6	21.0	21.4	20.8	21.1
	African Am./Black	16.1	17.0	17.0	17.2	16.9
	Am. Indian/Alaska Native	18.1	18.8	19.6	19.2	19.0
	Caucasian Am./White	21.7	21.8	22.5	21.7	22.1
	Hispanic	17.7	19.0	18.9	18.7	18.7
	Asian Am./Pacific Islander	22.1	24.1	22.4	22.3	22.9
	Other/No Response	21.2	21.7	22.1	21.2	21.7

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	1,853	4	1,420	3	2,198	5	1,132	2
	28 to 32	5,512	12	5,818	12	8,186	17	4,059	9
	24 to 27	9,440	20	12,409	26	8,662	18	12,494	27
	20 to 23	14,551	31	11,150	24	13,437	29	17,774	38
	16 to 19	9,088	19	12,856	27	9,403	20	8,793	19
	13 to 15	4,303	9	3,207	7	3,964	8	1,930	4
	01 to 12	2,243	5	130	0	1,140	2	808	2
National	33 to 36	52,735	4	40,359	3	63,798	4	26,499	2
	28 to 32	146,337	10	138,694	10	203,096	14	89,946	6
	24 to 27	237,950	17	283,854	20	231,039	16	281,932	20
	20 to 23	383,117	27	294,322	21	343,326	24	474,554	33
	16 to 19	293,110	21	466,291	33	312,300	22	359,785	25
	13 to 15	175,652	12	188,580	13	191,145	13	121,336	9
	01 to 12	133,040	9	9,841	1	77,237	5	67,889	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	20,429	43	21.3	23.2	22.5	22.8	22.6
	Females	24,509	52	22.0	21.4	22.5	21.7	22.0
	Missing	2,052	4	23.0	23.3	23.8	23.0	23.4
National	Males	625,887	44	20.1	21.6	21.2	21.3	21.2
	Females	764,282	54	21.0	20.4	21.5	20.4	21.0
	Missing	31,772	2	22.8	23.3	23.6	22.4	23.1

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	75	61	60	43	34
	Females	79	47	61	33	26
National	Males	65	47	51	32	26
	Females	70	38	53	24	19

Table 2.9. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Overall High School Curriculum

Student Group	Curriculum Taken ²	N	English		Mathematics		Reading		Science		Composite ¹	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core	27,114	81	22.4	59	22.8	65	23.1	42	22.7	33	22.9
	Non-Core	14,828	69	20.4	43	21.0	53	21.5	29	21.3	21	21.2
	Missing	5,048	81	22.4	60	23.0	65	23.1	42	22.7	34	22.9
National	Core	873,743	75	21.6	50	21.9	59	22.3	33	21.6	27	22.0
	Non-Core	431,748	56	18.8	29	19.3	41	19.9	18	19.4	14	19.5
	Missing	116,450	62	19.9	42	20.8	48	20.8	27	20.3	23	20.6

¹% under Composite heading reflects the percent of students who meet all four benchmarks

²"Curriculum Taken" reflects overall high school curriculum.

For instance, "Core" results correspond to students taking four years of English AND three years each of math, social studies, and natural science.

Table 2.10. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates 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	37,963	77	21.7	38,359	56	22.5	34,179	62	22.6	36,406	40	22.5
	Non-Core	4,949	72	20.9	4,047	28	19.3	8,378	55	21.8	5,990	21	20.4
	Missing	4,078	83	22.8	4,584	60	23.0	4,433	67	23.4	4,594	44	22.9
National	Core	1,216,115	70	20.8	1,192,135	46	21.4	1,137,832	54	21.6	1,063,049	32	21.4
	Non-Core	111,558	57	18.8	124,104	14	17.4	183,026	45	20.4	253,561	13	18.7
	Missing	94,268	64	20.2	105,702	42	20.8	101,083	50	21.1	105,331	28	20.5

¹"Curriculum Taken" reflects content-specific curriculum.

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

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

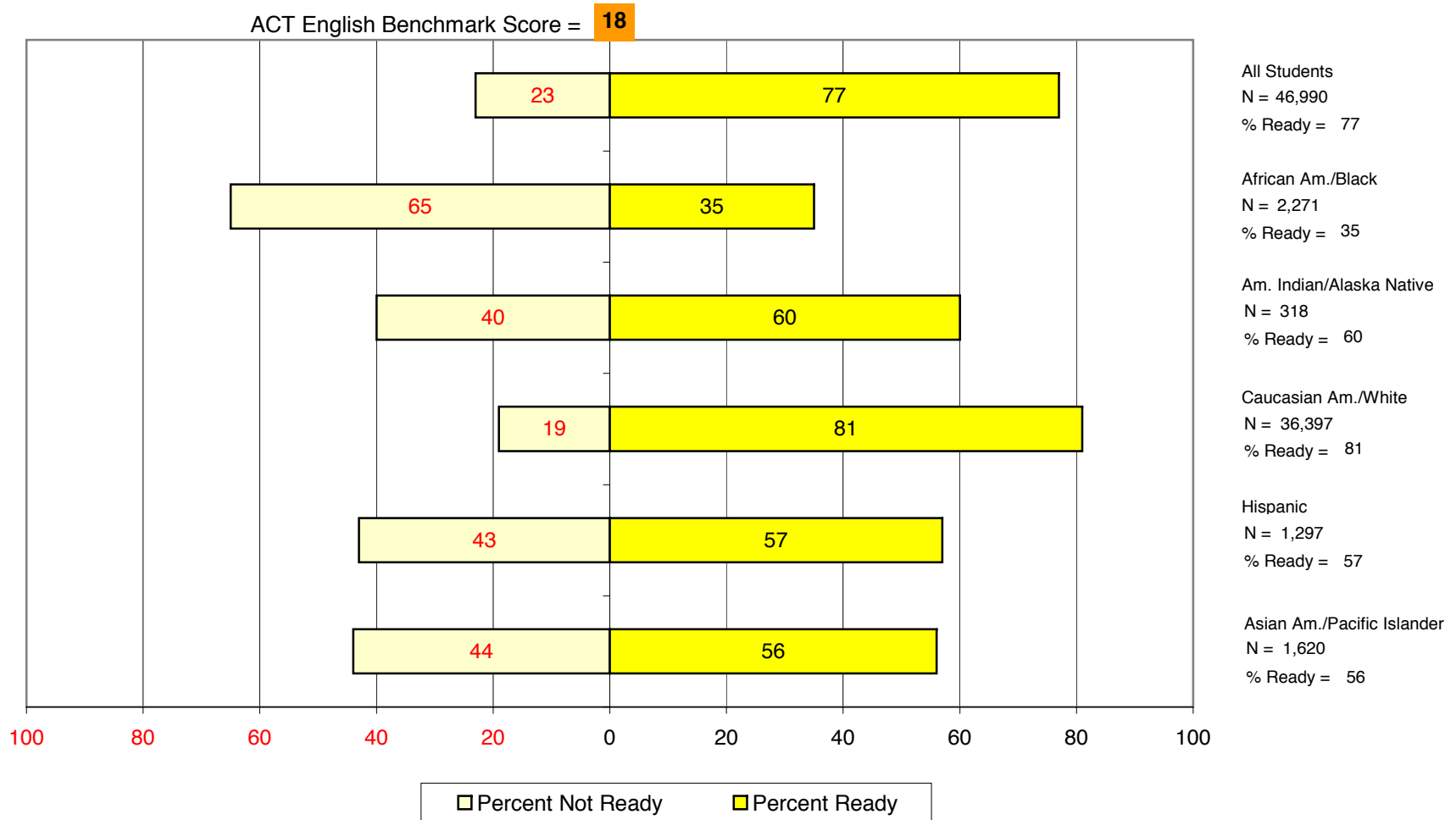


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

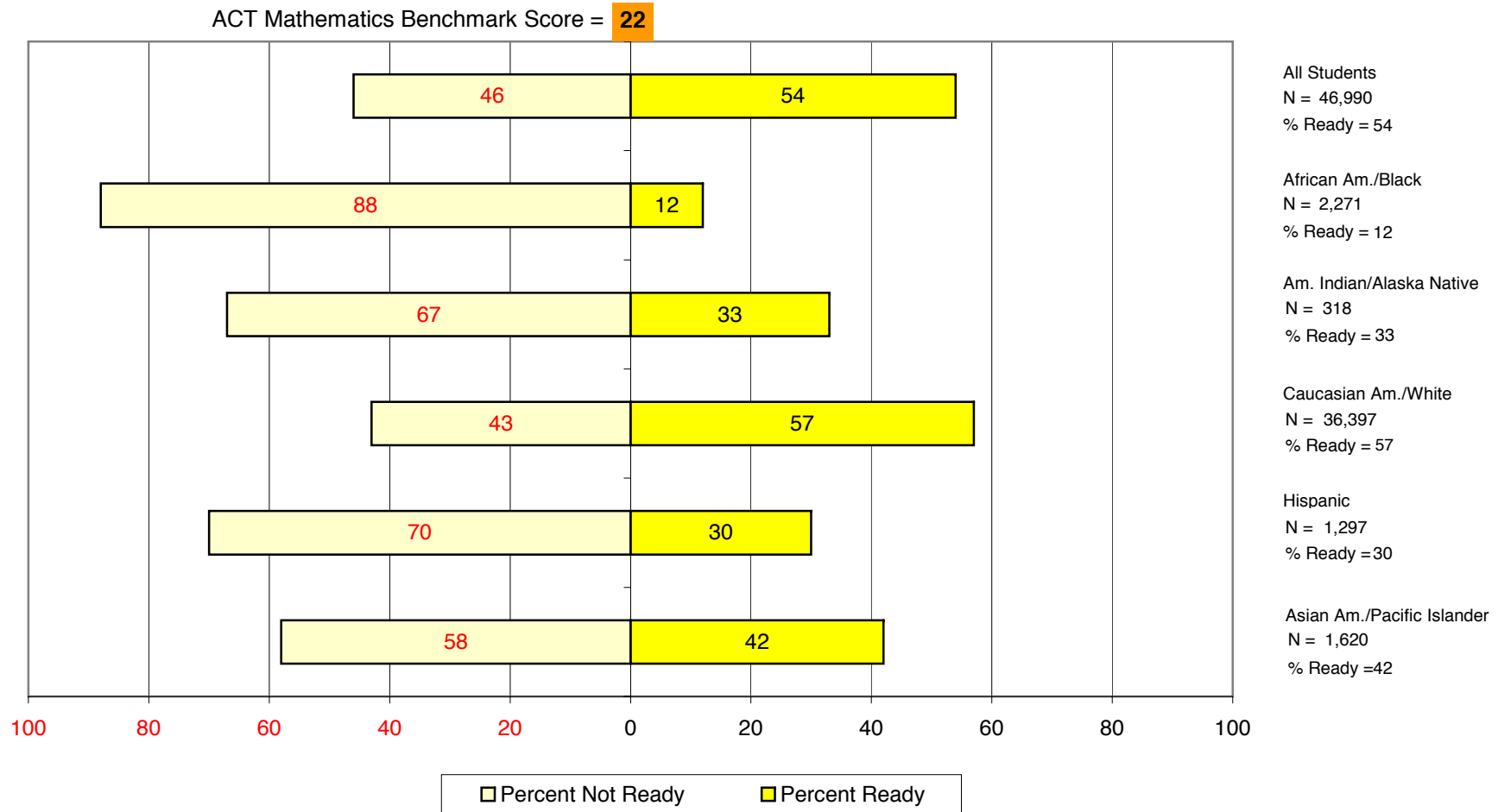


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

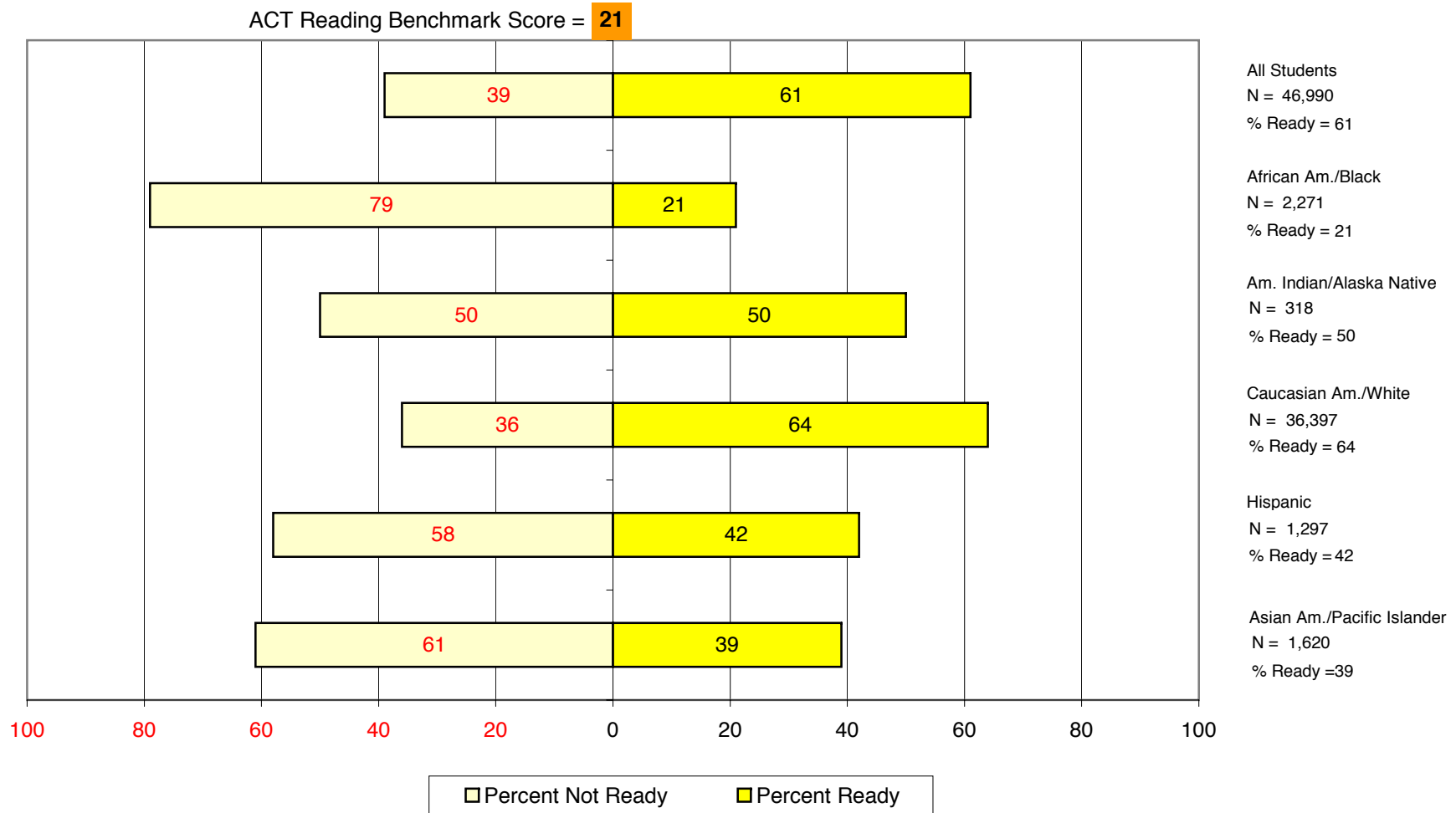


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

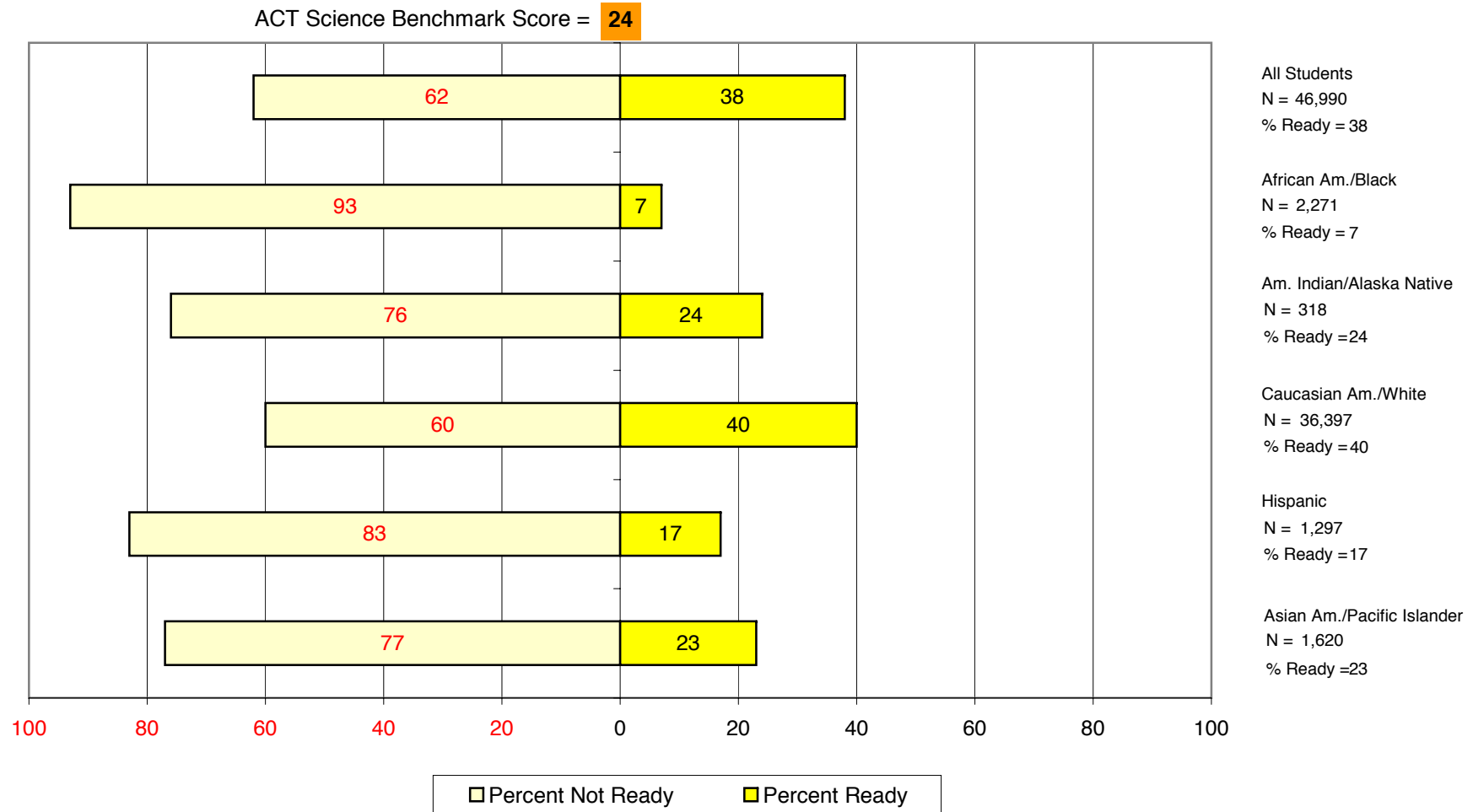


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

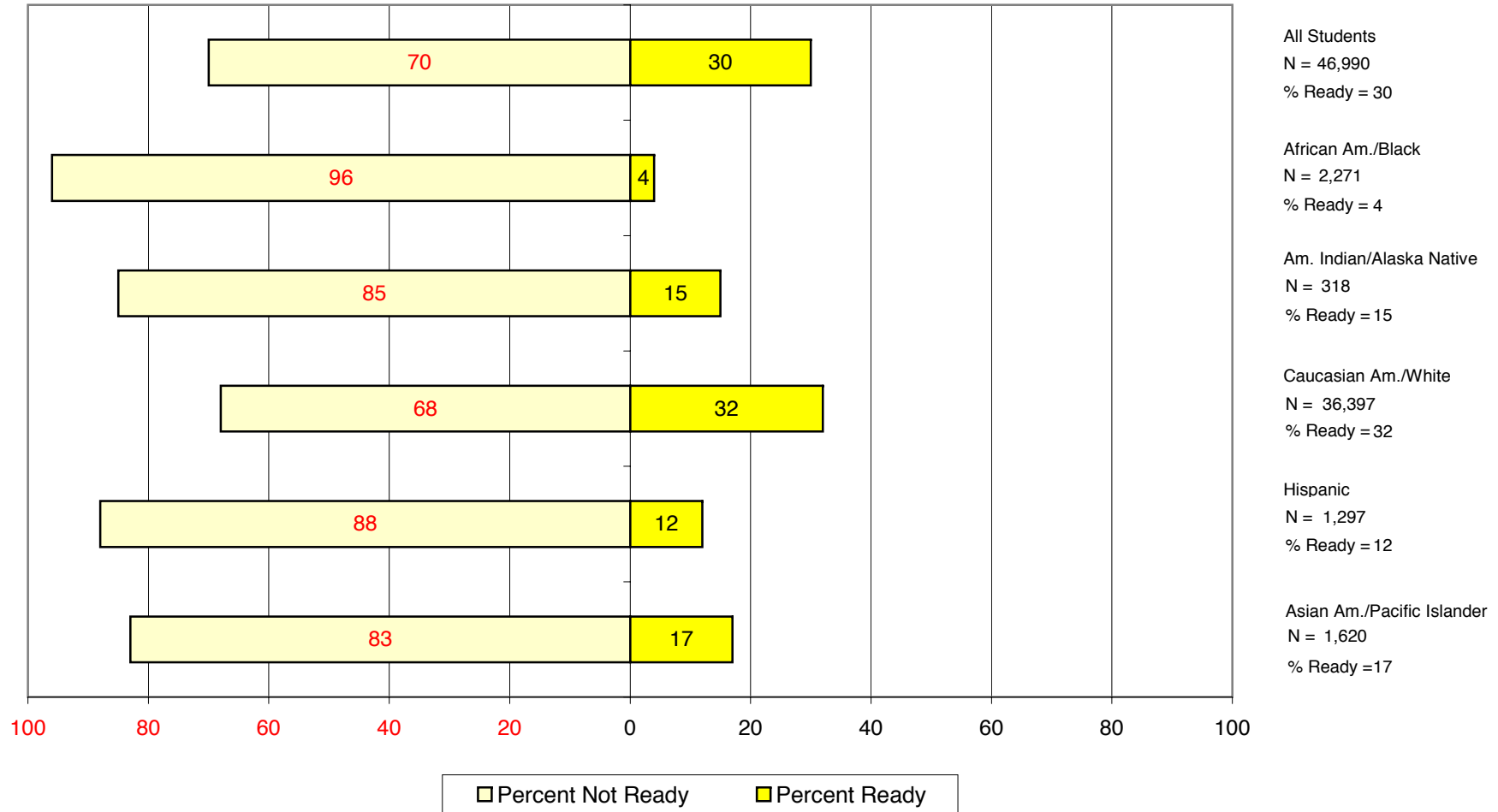


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	12,746	27	22.3	1.4	4,783	23	21.7	1.2	7,645	31	22.6	1.5
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	25,217	54	21.5	0.6	11,655	57	21.1	0.6	12,930	53	21.7	0.6
Less than 4 years of English	4,969	11	20.9	-	2,270	11	20.5	-	2,445	10	21.1	-
No English course/grade information reported	4,058	9	22.8	-	1,721	8	21.8	-	1,489	6	23.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,974	6	25.3	6.0	1,358	7	26.1	6.1	1,539	6	24.5	5.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,497	10	22.8	3.5	1,705	8	23.7	3.7	2,671	11	22.2	3.5
Alg 1, Alg 2, Geom, & Trig	4,248	9	21.1	1.8	1,749	9	22.0	2.0	2,372	10	20.3	1.6
Alg 1, Alg 2, Geom, & Other Adv Math	6,133	13	21.7	2.4	2,315	11	22.4	2.4	3,675	15	21.3	2.6
Other comb of 4 or more years of Math	10,752	23	24.9	5.6	5,514	27	25.6	5.6	4,971	20	24.1	5.4
Alg 1, Alg 2, & Geom (Min. Core)	7,324	16	19.2	-0.1	2,937	14	20.0	0.0	4,176	17	18.7	0.0
Other comb of 3 or 3.5 years of Math	2,431	5	22.2	2.9	1,171	6	22.9	2.9	1,188	5	21.4	2.7
Less than 3 years of Math	4,298	9	19.3	-	1,839	9	20.0	-	2,295	9	18.7	-
No Math course/grade information reported	4,333	9	23.3	-	1,841	9	23.6	-	1,622	7	22.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,236	3	22.4	0.5	638	3	22.3	0.5	565	2	22.5	0.7
Other comb of 4 or more years Social Science	16,854	36	22.9	1.0	7,211	35	22.8	1.0	9,218	38	22.8	1.0
US Hist, World Hist, & Am Gov (Min. Core)	2,600	6	21.5	-0.4	1,269	6	21.7	-0.1	1,265	5	21.3	-0.5
Other comb of 3 or 3.5 years of Social Science	13,489	29	22.6	0.7	5,680	28	22.6	0.8	7,477	31	22.5	0.7
Less than 3 years of Social Science	8,518	18	21.9	-	3,801	19	21.8	-	4,392	18	21.8	-
No Soc Sci course/grade information reported	4,293	9	23.4	-	1,830	9	23.1	-	1,592	6	23.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	16,789	36	23.2	2.8	8,037	39	23.8	3.1	8,303	34	22.6	2.5
Bio, Chem, Phys	4,500	10	24.3	3.9	2,112	10	25.1	4.4	2,251	9	23.6	3.5
Gen Sci ² , Bio, Chem (Min. Core)	13,919	30	21.1	0.7	4,980	24	21.5	0.8	8,587	35	20.9	0.8
Other comb of 3 years of Natural Science	1,198	3	21.3	0.9	735	4	21.8	1.1	438	2	20.4	0.3
Less than 3 years of Natural Science	6,228	13	20.4	-	2,701	13	20.7	-	3,315	14	20.1	-
No Nat Sci course/grade information reported	4,356	9	22.9	-	1,864	9	23.1	-	1,615	7	22.4	-

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	12,746	27	22.3	80	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	25,217	54	21.5	76	949,721	67	20.5	68
Less than 4 years of English	4,969	11	20.9	72	112,496	8	18.8	56
No English course/grade information reported	4,058	9	22.8	83	93,330	7	20.2	64
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,974	6	25.3	77	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	4,497	10	22.8	62	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	4,248	9	21.1	45	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	6,133	13	21.7	52	204,909	14	20.4	38
Other comb of 4 or more years of Math	10,752	23	24.9	75	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	7,324	16	19.2	26	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	2,431	5	22.2	52	70,951	5	20.8	41
Less than 3 years of Math	4,298	9	19.3	28	131,252	9	17.4	14
No Math course/grade information reported	4,333	9	23.3	62	98,554	7	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,236	3	22.4	60	42,546	3	22.7	61
Other comb of 4 or more years Social Science	16,854	36	22.9	63	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	2,600	6	21.5	52	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	13,489	29	22.6	62	404,731	28	21.3	52
Less than 3 years of Social Science	8,518	18	21.9	55	185,561	13	20.4	45
No Soc Sci course/grade information reported	4,293	9	23.4	67	98,548	7	21.1	50
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	16,789	36	23.2	47	453,654	32	22.2	38
Bio, Chem, Phys	4,500	10	24.3	57	134,033	9	23.2	47
Gen Sci ¹ , Bio, Chem (Min. Core)	13,919	30	21.1	26	435,183	31	20.1	20
Other comb of 3 years of Natural Science	1,198	3	21.3	29	40,179	3	20.1	22
Less than 3 years of Natural Science	6,228	13	20.4	22	259,142	18	18.7	13
No Nat Sci course/grade information reported	4,356	9	22.9	44	99,750	7	20.6	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	667	1	20.4	91	4	19.6	538	1	20.6
Architecture & Environmental Design	856	2	21.6	58	2	18.6	750	2	21.9
Business & Management	3,725	8	21.3	157	6	18.3	3,351	9	21.5
Business & Office	258	1	20.6	25	1	19.1	207	1	20.9
Marketing & Distribution	376	1	20.5	19	1	17.8	334	1	20.6
Communications & Comm. Technologies	939	2	21.8	40	2	18.6	858	2	22.1
Community & Personal Services	968	2	19.3	136	5	18.7	778	2	19.5
Computer & Information Sciences	869	2	22.7	91	4	20.6	738	2	23.0
Cross-Disciplinary Studies	46	0	22.8	0	0	.	44	0	22.6
Education	1,882	4	21.7	45	2	18.0	1,721	5	21.8
Teacher Education	1,300	3	21.0	31	1	18.1	1,201	3	21.1
Engineering	1,408	3	24.2	47	2	18.0	1,308	4	24.5
Engineering-Related Technologies	1,020	2	23.1	71	3	19.3	900	2	23.4
Foreign Languages	273	1	24.0	7	0	18.1	245	1	24.1
Health Sciences & Allied Health Fields	6,766	14	21.8	491	19	18.4	5,992	16	22.2
Human, Family & Consumer Science	342	1	19.7	66	3	18.2	241	1	20.3
Letters	310	1	24.7	4	0	20.5	292	1	24.9
Mathematics	292	1	25.1	4	0	18.5	270	1	25.3
Philosophy, Religion & Theology	193	0	22.9	5	0	19.4	173	0	23.1
Sciences (Biological & Physical)	2,229	5	24.3	33	1	19.1	2,099	6	24.4
Social Sciences	2,412	5	22.7	41	2	18.4	2,280	6	22.8
Trade & Industrial	364	1	20.0	167	7	19.3	167	0	20.7
Visual & Performing Arts	2,166	5	21.7	148	6	18.8	1,893	5	22.0
Undecided	8,988	19	22.3	524	21	18.6	7,731	21	22.6
No Response	8,341	18	23.4	236	9	18.8	3,233	9	23.6

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	549	19.1	12	15.0	6	18.2	477	19.3	14	17.9	7	16.9	33	18.7
2-yr College Degree	1,988	18.6	108	14.5	19	17.9	1,597	19.1	65	16.4	60	16.8	139	18.1
Bachelors Degree	20,147	21.4	840	16.4	148	19.9	16,481	21.8	506	19.1	672	18.7	1,500	21.6
Graduate Study	6,835	24.0	313	18.3	36	21.3	5,532	24.5	157	20.9	200	21.7	597	24.2
Prof. Level Degree	10,362	23.7	686	18.0	77	21.4	7,683	24.4	399	20.8	524	22.3	993	24.2
Other	1,093	19.4	95	15.4	11	18.0	786	20.0	37	17.1	42	17.6	122	19.9
No Response	6,016	23.3	217	16.4	21	21.9	3,841	23.5	119	19.9	115	22.4	1,703	24.1

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	11,352	5,113	6,239	0	2	9	25	37	24	3
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	10,178	3,138	7,040	1	6	24	37	24	8	1
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	6,887	1,525	5,362	0	2	14	38	34	11	1
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	6,363	1,631	4,732	1	6	26	38	23	6	0
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	6,300	1,536	4,764	0	2	16	39	31	10	1
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	6,040	1,443	4,597	0	5	26	41	23	5	0
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	5,676	1,357	4,319	0	4	23	41	25	7	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	5,548	1,380	4,168	0	1	8	28	38	23	2
MARQUETTE UNIVERSITY	Wisconsin	4,409	1,178	3,231	1	5	14	27	33	19	2
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	4,222	933	3,289	0	4	24	42	23	6	0
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	3,223	838	2,385	1	4	22	38	25	9	1
UNIV OF WISCONSIN-STOUT	Wisconsin	2,909	684	2,225	0	5	29	39	21	5	0
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,746	501	1,245	0	5	27	40	22	6	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	1,741	544	1,197	2	13	32	35	14	4	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,547	440	1,107	0	4	12	30	32	19	3
WINONA STATE UNIVERSITY	Minnesota	1,376	353	1,023	0	4	21	43	26	5	0
MADISON AREA TECHNICAL COLLEGE	Wisconsin	1,310	480	830	1	10	35	35	15	4	0
CARROLL COLLEGE	Wisconsin	1,309	363	946	1	5	22	39	26	8	0
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	1,183	323	860	4	20	39	26	9	2	0
SAINT NORBERT COLLEGE	Wisconsin	930	231	699	0	2	15	33	34	15	1
CARTHAGE COLLEGE	Wisconsin	928	206	722	0	4	24	34	26	11	1
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	918	218	700	0	8	36	36	16	3	0
EDGEWOOD COLLEGE	Wisconsin	828	215	613	0	3	23	41	25	7	0
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	809	190	619	0	2	19	38	31	11	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	792	210	582	1	9	40	39	10	1	0
ALVERNO COLLEGE	Wisconsin	739	256	483	3	22	34	29	11	2	0
VITERBO UNIVERSITY	Wisconsin	650	156	494	0	5	23	40	25	7	1
UNIV OF WISCONSIN-FOX VALLEY	Wisconsin	644	169	475	1	6	31	41	16	5	0
MILWAUKEE INSTITUTE OF ART AND DESIGN	Wisconsin	605	158	447	2	8	28	37	20	5	0
UNIV OF WISCONSIN-SUPERIOR	Wisconsin	601	132	469	0	5	27	40	23	5	0
All Other Institutions		38,145	9,904	28,241	1	7	21	29	24	16	3
Total		129,908	35,805	94,103	1	5	21	34	26	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	26,261	770,529	23.3	21.4	7.6	7.3	22.6	20.9
African Am./Black	1,265	86,049	16.8	16.6	6.8	6.5	17.1	16.6
Am. Indian/Alaska Native	162	5,148	20.1	18.9	6.8	6.7	19.5	18.5
Caucasian Am./White	19,892	464,177	23.8	22.5	7.7	7.4	23.1	21.8
Hispanic	724	71,060	20.0	18.3	7.4	7.1	19.9	18.5
Asian Am./Pacific Islander	998	37,359	20.6	23.1	7.5	7.9	20.4	22.6
Other/No Response	3,220	106,736	24.1	22.2	7.7	7.5	23.2	21.7
Males	10,887	327,613	23.0	20.9	7.4	7.0	22.1	20.2
Females	14,074	421,968	23.4	21.7	7.8	7.6	22.8	21.3
Missing	1,300	20,948	24.3	23.9	7.8	7.9	23.5	23.2

