

ACT Profile Report - State

Graduating Class 2010
Wisconsin



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This report provides information about the performance of your 2010 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 2010 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

Furthermore, 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. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

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

31% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 47,755 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 73% 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, 11% were college ready. 14% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 21% of these students were college ready. In comparison, 63% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry 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 10% of the cohort took less than three years of natural science courses. 17% of these students were college ready. In comparison, 41% 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 38% 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.

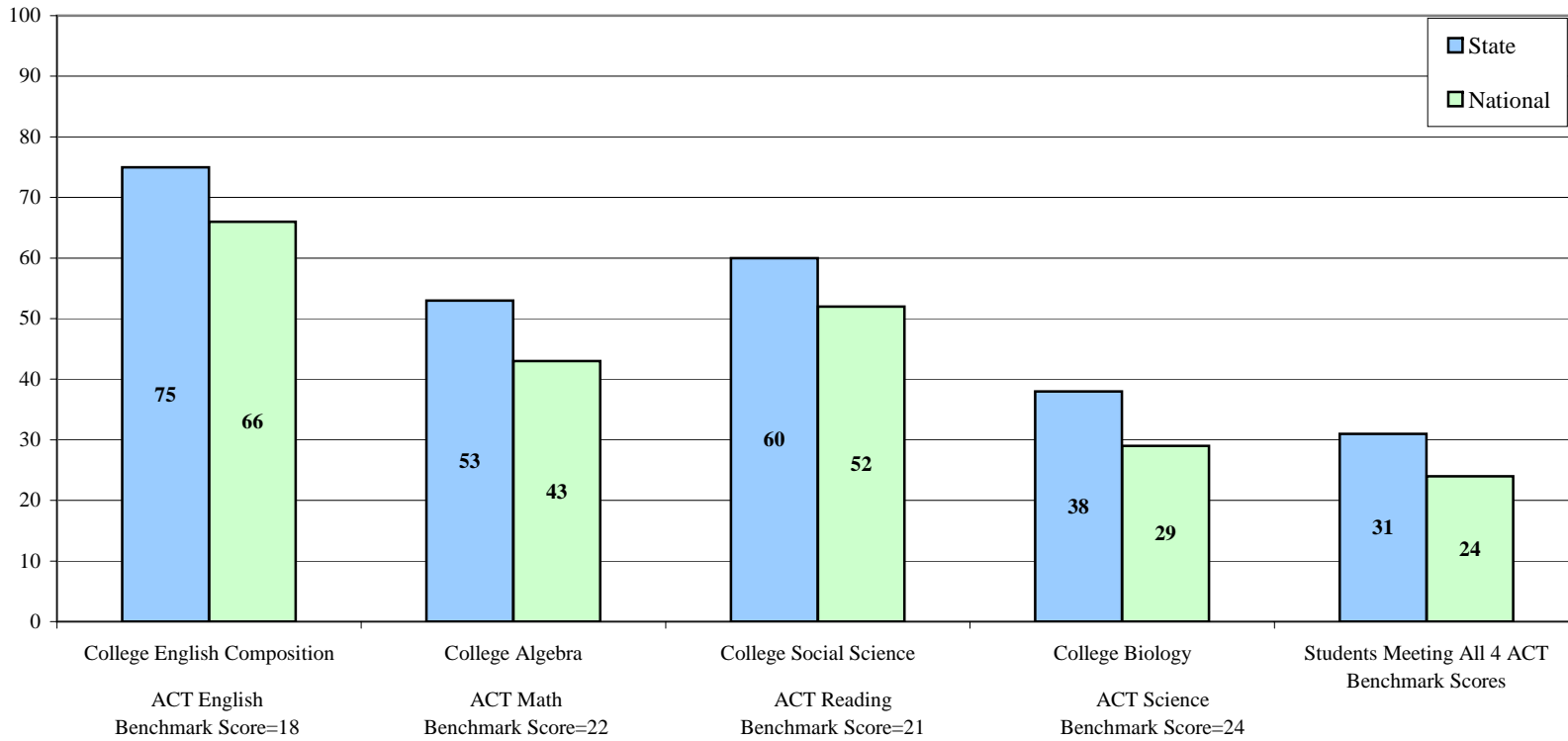
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 847-634-2560.

Section I

Executive Summary

Total Students in Report: 47,755

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



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

Total Students in Report: 47,755

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
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
2009	46,658	1,480,469	77	67	53	42	62	53	37	28	30	23
2010	47,755	1,568,835	75	66	53	43	60	52	38	29	31	24

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
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
2009	46,658	1,480,469	21.7	20.6	22.2	21.0	22.6	21.4	22.3	20.9	22.3	21.1
2010	47,755	1,568,835	21.5	20.5	22.0	21.0	22.3	21.3	22.2	20.9	22.1	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 47,755

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
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
2009	33,991	11,745	73	25	22.4	20.1	22.9	20.6	23.3	21.2	22.9	21.1	23.0	20.9
2010	34,921	11,909	73	25	22.4	19.6	22.8	20.2	23.1	20.6	22.9	20.7	22.9	20.4

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

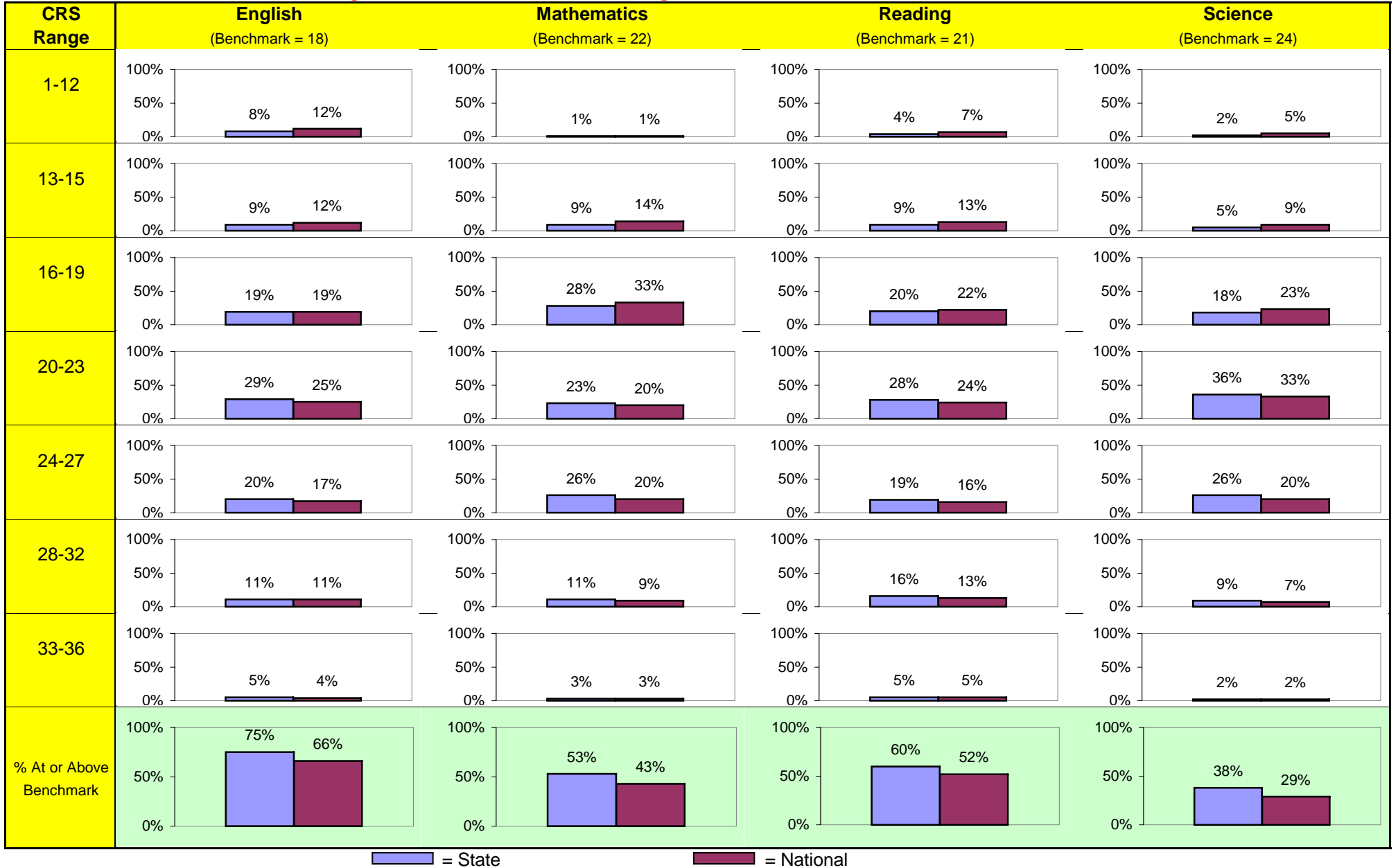
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	44,275	100	22.2	46,430	100	22.3	46,990	100	22.3	46,658	100	22.3	47,755	100	22.1
African American/Black	1,884	4	17.0	2,139	5	17.0	2,271	5	17.0	2,548	5	16.8	3,351	7	16.0
American Indian/Alaska Native	323	1	20.1	311	1	20.4	318	1	20.4	350	1	20.7	331	1	20.2
Caucasian American/White	35,718	81	22.6	35,381	76	22.7	36,397	77	22.8	37,801	81	22.9	37,765	79	23.0
Hispanic	1,147	3	19.6	1,206	3	20.0	1,297	3	19.7	1,412	3	19.7	1,892	4	18.7
Asian American/Pacific Islander	1,465	3	20.4	1,467	3	20.1	1,620	3	20.4	1,681	4	20.3	1,734	4	20.3
Other/No Response	3,738	8	22.2	5,926	13	22.8	5,087	11	23.1	2,866	6	22.6	2,682	6	21.2

Total Students in Report: 47,755

Table 1.6. Percent of Students in College Readiness Standards Score Ranges



Section II

Academic Achievement

Total Students in Report: 47,755

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	133	100	113	100	317	100	170	100	22	100	36
35	651	100	360	100	366	99	273	100	132	100	35
34	707	98	521	99	913	99	296	99	277	100	34
33	671	97	599	98	857	97	371	98	438	99	33
32	612	95	632	97	1,227	95	247	98	627	98	32
31	853	94	793	95	1,046	92	726	97	865	97	31
30	1,183	92	1,089	94	1,621	90	927	96	1,246	95	30
29	1,082	90	1,021	91	1,785	87	1,087	94	1,398	92	29
28	1,639	88	1,804	89	1,918	83	1,487	91	1,853	90	28
27	1,878	84	2,339	85	1,926	79	2,246	88	2,236	86	27
26	2,387	80	2,991	81	2,034	75	2,413	84	2,747	81	26
25	2,572	75	2,952	74	2,418	71	4,030	79	3,056	75	25
24	2,740	70	3,943	68	2,468	66	3,950	70	3,449	69	24
23	3,253	64	3,388	60	3,487	60	4,560	62	3,680	62	23
22	3,009	57	2,924	53	3,249	53	3,967	52	3,956	54	22
21	4,154	51	1,958	47	2,837	46	4,418	44	3,884	46	21
20	3,431	42	2,658	43	3,801	40	4,279	35	3,620	37	20
19	2,963	35	2,728	37	2,677	32	2,760	26	3,161	30	19
18	1,934	29	2,986	31	2,263	27	2,763	20	2,779	23	18
17	1,929	25	3,640	25	2,540	22	1,673	14	2,232	17	17
16	2,227	21	3,885	17	1,879	17	1,512	11	1,679	13	16
15	1,866	16	2,478	9	1,596	13	1,045	8	1,451	9	15
14	1,459	12	1,263	4	1,550	9	775	5	1,161	6	14
13	838	9	438	1	1,096	6	695	4	876	4	13
12	767	8	140	1	945	4	399	2	544	2	12
11	977	6	83	1	422	2	301	1	257	1	11
10	659	4	12	1	305	1	211	1	89	1	10
9	500	2	0	1	84	1	107	1	23	1	9
8	370	1	9	1	25	1	34	1	9	1	8
7	204	1	0	1	49	1	21	1	5	1	7
6	59	1	1	1	29	1	6	1	3	1	6
5	27	1	0	1	13	1	4	1	0	1	5
4	17	1	5	1	4	1	0	1	0	1	4
3	2	1	0	1	5	1	2	1	0	1	3
2	2	1	0	1	3	1	0	1	0	1	2
1	0	1	2	1	0	1	0	1	0	1	1
Avg (SD)	21.5 (6.0)		22.0 (5.2)		22.3 (5.9)		22.2 (4.7)		22.1 (4.9)		Avg (SD)

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

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 47,755

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	1,946	100	532	100	1,280	100	1,494	100	2,187	100	485	100	315	100	18
17	1,811	96	570	99	2,338	97	4,036	97	2,600	95	654	99	549	99	17
16	2,621	92	2,538	98	3,251	92	1,568	88	2,952	90	1,580	98	1,923	98	16
15	2,618	87	3,671	92	3,385	86	4,062	85	3,538	84	1,879	94	3,327	94	15
14	3,221	81	3,848	85	3,719	79	3,300	77	3,761	76	5,091	90	4,177	87	14
13	3,079	74	4,770	77	3,768	71	4,309	70	3,834	69	5,227	80	6,838	78	13
12	4,010	68	5,786	67	4,926	63	4,338	61	4,675	60	5,719	69	5,426	64	12
11	4,485	60	6,740	55	5,374	53	5,422	52	4,829	51	6,933	57	5,147	53	11
10	6,433	50	4,798	40	5,237	41	4,628	40	3,959	41	6,257	42	6,951	42	10
9	4,572	37	4,981	30	5,178	30	3,331	31	4,334	32	5,684	29	4,670	27	9
8	3,429	27	3,480	20	3,906	19	3,134	24	4,292	23	3,787	17	3,471	18	8
7	2,998	20	2,319	13	2,806	11	2,462	17	3,679	14	1,877	9	2,123	10	7
6	2,473	14	1,031	8	1,319	5	2,205	12	1,997	7	1,122	5	995	6	6
5	1,654	8	1,277	6	695	3	2,078	7	764	2	521	3	893	4	5
4	1,327	5	910	3	333	1	921	3	261	1	474	2	291	2	4
3	694	2	404	1	107	1	332	1	47	1	361	1	432	1	3
2	325	1	93	1	101	1	131	1	33	1	3	1	127	1	2
1	59	1	7	1	32	1	4	1	13	1	101	1	100	1	1
Avg (SD)	10.8 (3.8)		11.1 (3.1)		11.5 (3.3)		11.4 (3.7)		11.5 (3.5)		11.0 (2.8)		11.1 (3.0)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	26	27	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	18	17	18	19	19

Total Students in Report: 47,755

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	47,755	73	22.9	20.4
	African American/Black	3,351	51	16.9	15.4
	American Indian/Alaska Native	331	65	21.1	18.6
	Caucasian American/White	37,765	77	23.5	21.6
	Hispanic	1,892	62	19.8	17.4
	Asian American/Pacific Islander	1,734	67	21.3	18.8
	Other/No Response	2,682	67	22.4	19.4
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.5	22.0	22.3	22.2	22.1
	African American/Black	14.5	16.2	16.0	16.7	16.0
	American Indian/Alaska Native	19.0	19.9	20.6	20.5	20.2
	Caucasian American/White	22.6	22.8	23.3	23.0	23.0
	Hispanic	17.4	18.8	18.8	19.2	18.7
	Asian American/Pacific Islander	18.9	21.3	19.9	20.8	20.3
	Other/No Response	20.4	21.1	21.4	21.2	21.2
National	All Students	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6

Total Students in Report: 47,755

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

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	2,162	5	1,593	3	2,453	5	1,110	2
	28 to 32	5,369	11	5,339	11	7,597	16	4,474	9
	24 to 27	9,577	20	12,225	26	8,846	19	12,639	26
	20 to 23	13,847	29	10,928	23	13,374	28	17,224	36
	16 to 19	9,053	19	13,239	28	9,359	20	8,708	18
	13 to 15	4,163	9	4,179	9	4,242	9	2,515	5
	01 to 12	3,584	8	252	1	1,884	4	1,085	2
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	22,004	46	21.2	22.8	22.3	22.9	22.4
	Females	25,670	54	21.8	21.3	22.4	21.6	21.9
	Missing	81	0	13.5	16.4	15.3	16.5	15.5
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	73	60	59	45	36
	Females	77	48	60	32	27
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 47,755

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	34,921	81	22.4	60	22.8	65	23.1	43	22.9	35	22.9
	Less than Core	11,909	62	19.6	38	20.2	47	20.6	26	20.7	19	20.4
	Missing ³	925	24	13.7	10	16.2	16	15.6	6	16.5	4	15.6
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite CRB% results reflect students who meet all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	45,153	77	21.8	44,207	57	22.4	40,632	62	22.6	42,315	41	22.6
	Less than Core	1,882	46	17.3	2,710	11	17.0	6,363	52	21.3	4,689	17	19.5
	Missing ³	720	23	13.5	838	10	16.2	760	15	15.3	751	6	16.3
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

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

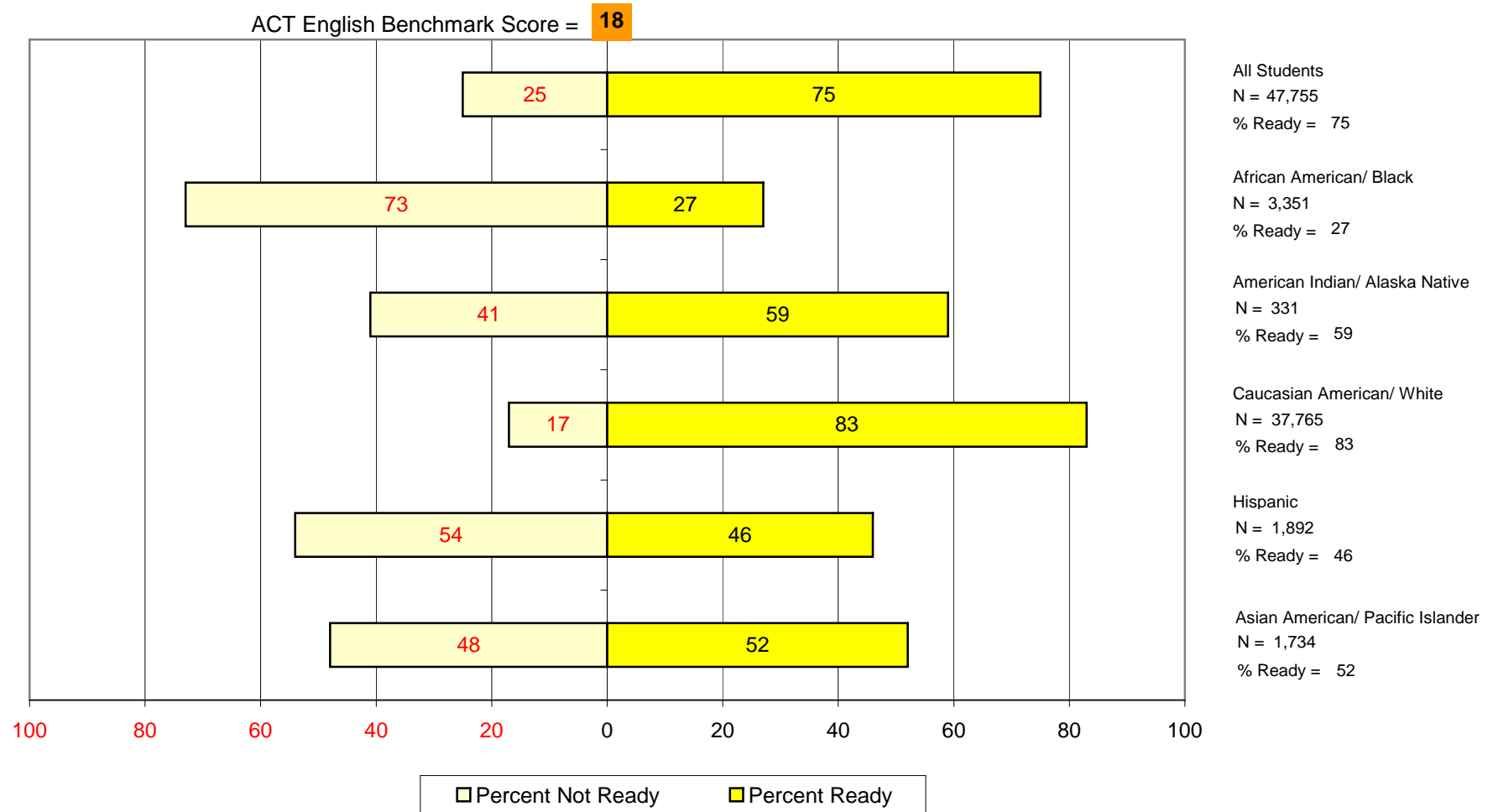
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

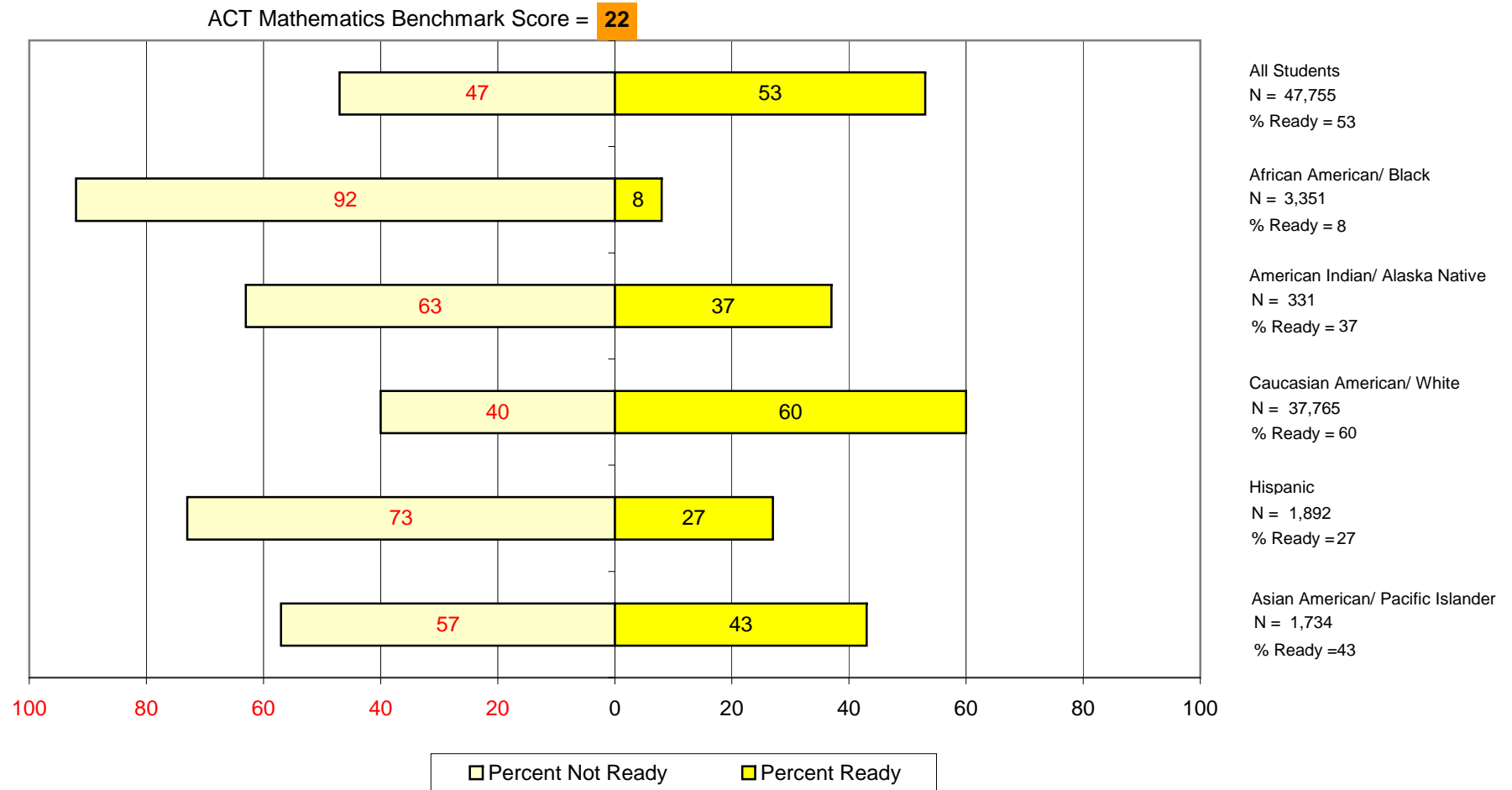
Total Students in Report: 47,755

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



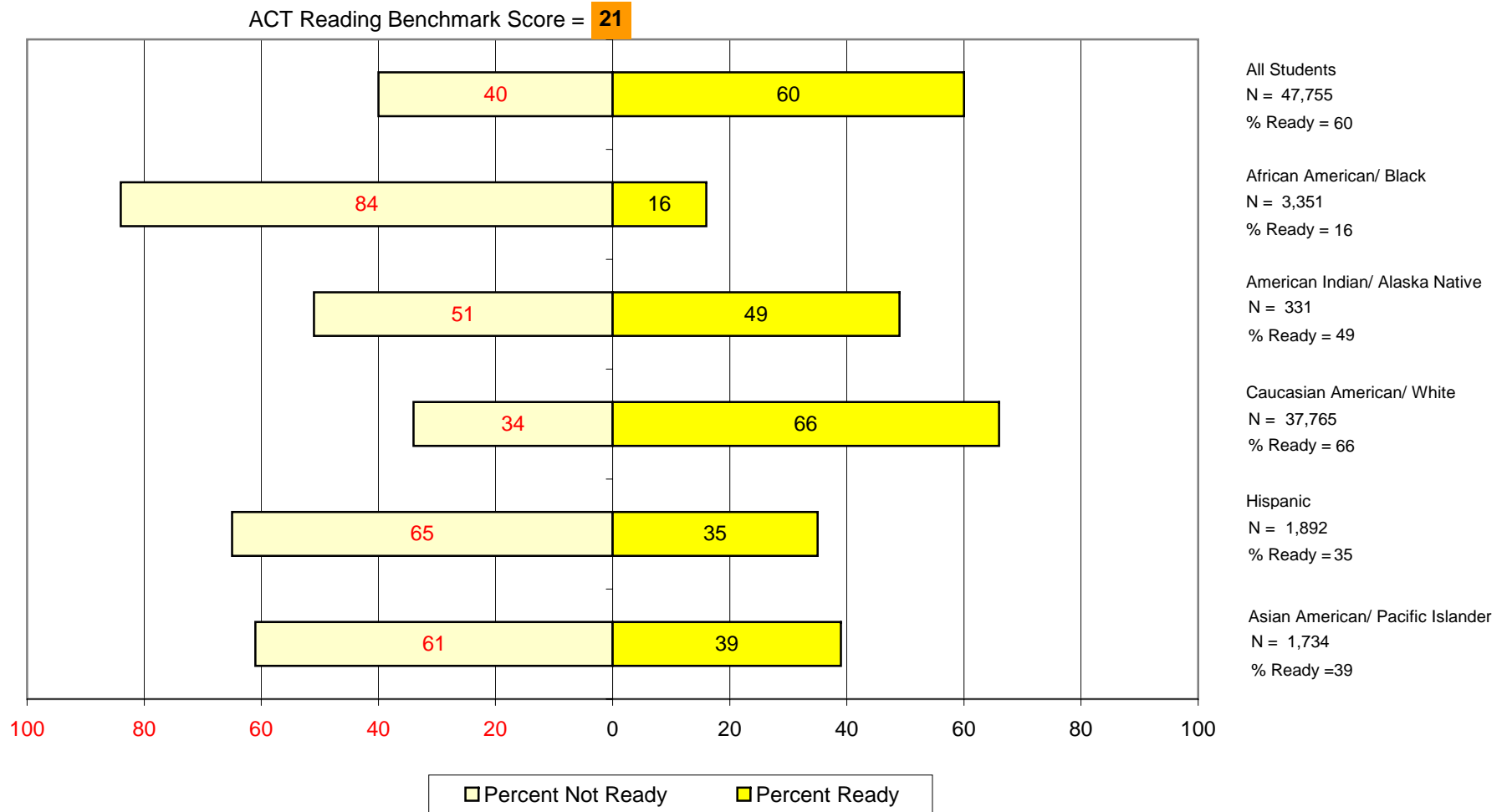
Total Students in Report: 47,755

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



Total Students in Report: 47,755

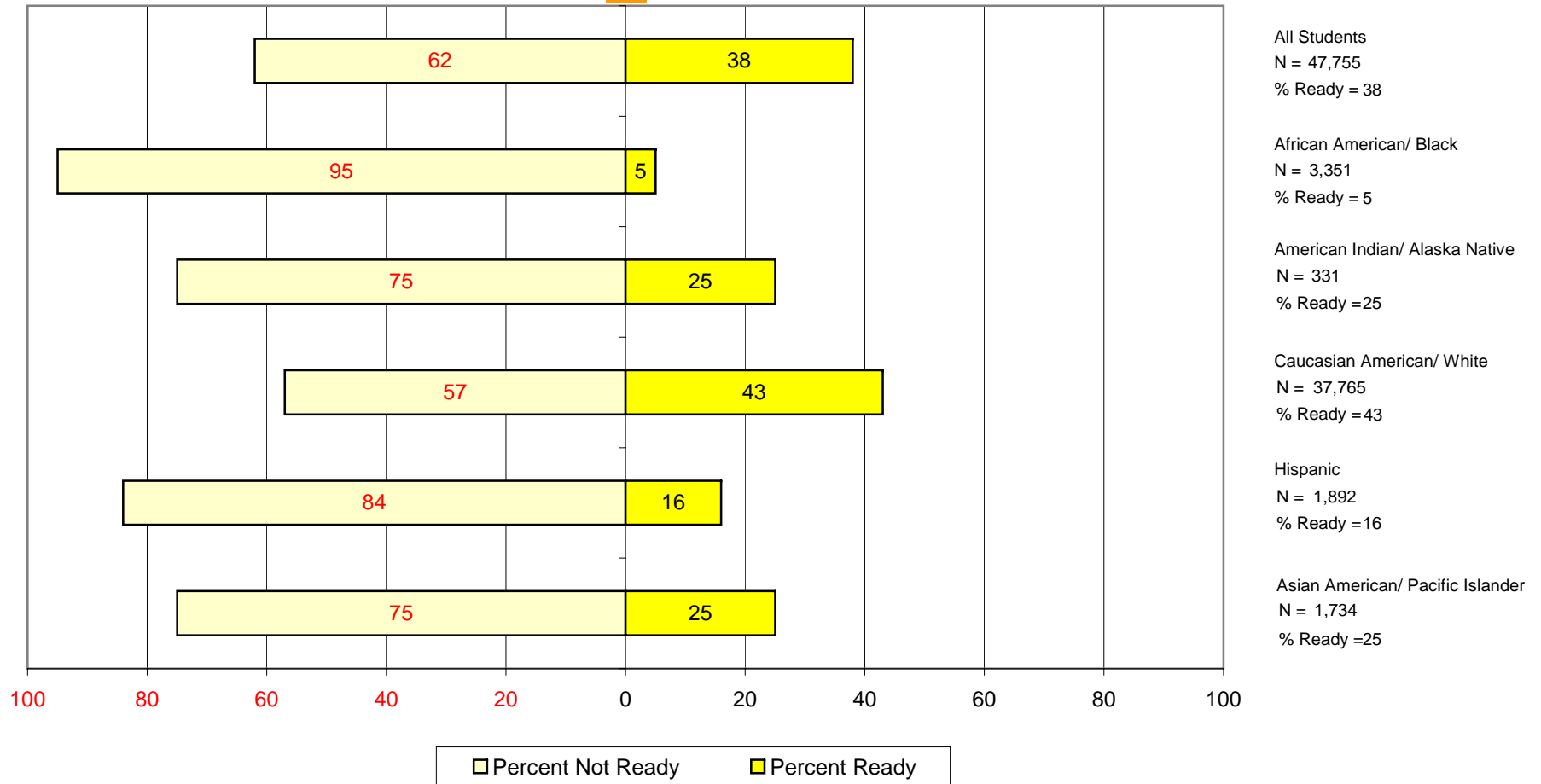
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 47,755

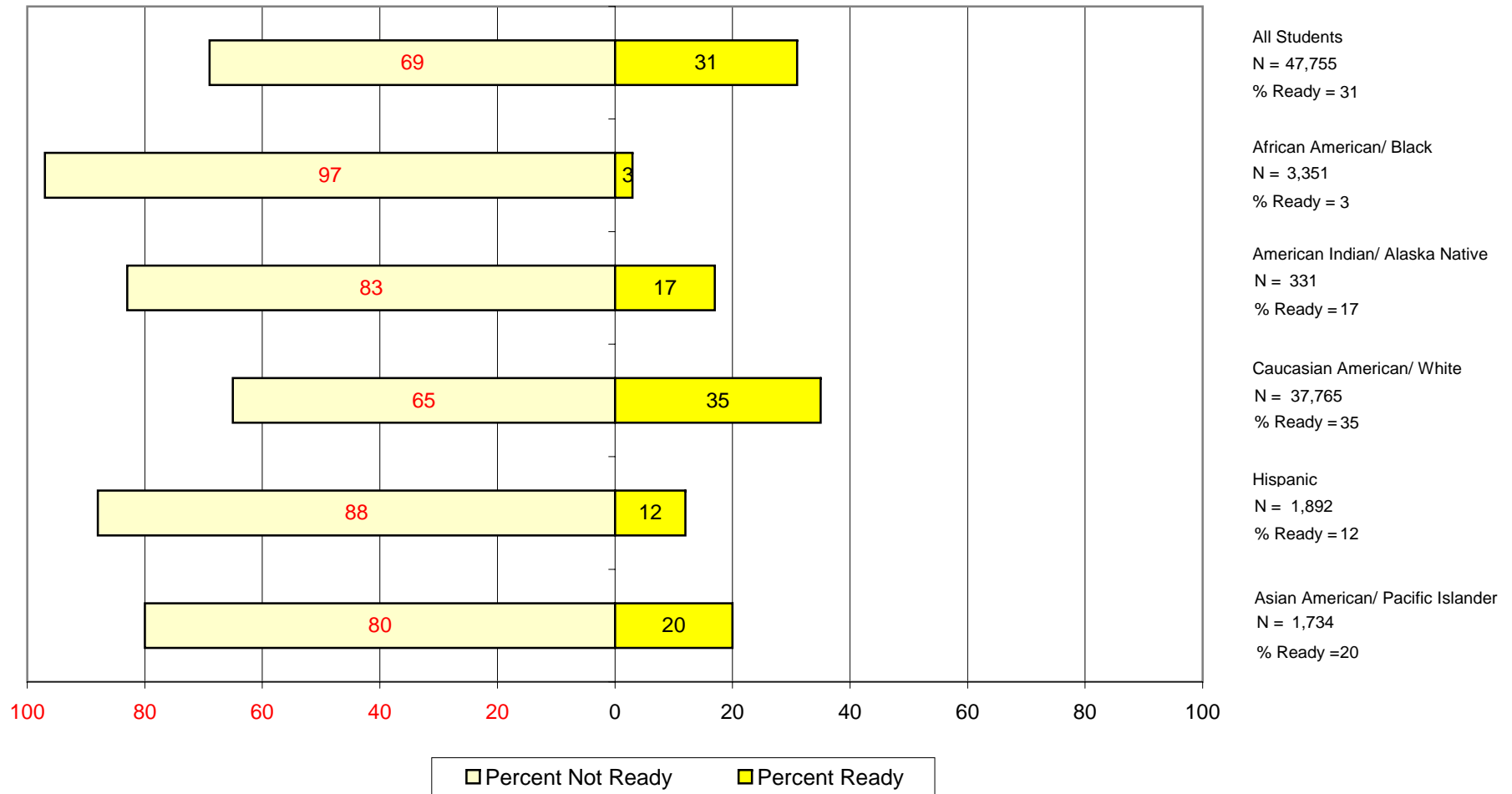
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 47,755

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



Total Students in Report: 47,755

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	16,391	34	22.4	5.1	6,749	31	22.0	5.0	9,629	38	22.7	5.1
Eng 9, Eng 10, Eng 11, Eng 12	28,762	60	21.5	4.2	13,978	64	21.2	4.2	14,751	57	21.7	4.1
Less than 4 years of English	1,882	4	17.3	-	923	4	17.0	-	945	4	17.6	-
Zero years / no English courses reported	720	2	13.5	-	354	2	13.7	-	345	1	13.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	3,117	7	24.2	7.2	1,493	7	24.9	7.6	1,615	6	23.5	6.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,724	12	22.6	5.6	2,221	10	23.3	6.0	3,502	14	22.2	5.5
Alg 1, Alg 2, Geom, & Trig	3,971	8	20.3	3.3	1,708	8	21.0	3.7	2,255	9	19.9	3.2
Alg 1, Alg 2, Geom, & Other Adv Math	6,679	14	21.3	4.3	2,633	12	21.9	4.6	4,043	16	20.8	4.1
Other comb of 4 or more years of Math	15,889	33	24.7	7.7	8,402	38	25.5	8.2	7,476	29	23.9	7.2
Alg 1, Alg 2, & Geom	6,543	14	18.6	1.6	2,705	12	19.1	1.8	3,828	15	18.1	1.4
Other comb of 3 or 3.5 years of Math	2,284	5	21.4	4.4	1,187	5	21.7	4.4	1,094	4	21.0	4.3
Less than 3 years of Math	2,710	6	17.0	-	1,230	6	17.3	-	1,466	6	16.7	-
Zero years / no Math courses reported	838	2	16.2	-	425	2	16.6	-	391	2	15.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,385	3	22.3	1.0	736	3	22.1	0.8	647	3	22.6	1.3
Other comb of 4 or more years Social Science	22,401	47	22.8	1.5	10,413	47	22.8	1.5	11,970	47	22.9	1.6
US Hist, World Hist, & Am Gov	2,419	5	20.8	-0.5	1,212	6	20.9	-0.4	1,202	5	20.7	-0.6
Other comb of 3 or 3.5 years of Social Science	14,427	30	22.6	1.3	6,337	29	22.6	1.3	8,071	31	22.7	1.4
Less than 3 years of Social Science	6,363	13	21.3	-	2,925	13	21.3	-	3,424	13	21.3	-
Zero years / no Social Science courses reported	760	2	15.3	-	381	2	15.5	-	356	1	15.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	22,248	47	23.3	3.8	11,181	51	24.1	4.4	11,043	43	22.6	3.2
Bio, Chem, Phys	4,367	9	24.5	5.0	2,120	10	25.5	5.8	2,241	9	23.7	4.3
Gen Sci ² , Bio, Chem	14,455	30	21.1	1.6	5,465	25	21.5	1.8	8,978	35	20.9	1.5
Other comb of 3 years of Natural Science	1,245	3	21.2	1.7	743	3	21.8	2.1	498	2	20.5	1.1
Less than 3 years of Natural Science	4,689	10	19.5	-	2,121	10	19.7	-	2,554	10	19.4	-
Zero years / no Natural Science courses reported	751	2	16.3	-	374	2	16.6	-	356	1	16.1	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 47,755

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	16,391	34	22.4	80	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	28,762	60	21.5	75	1,096,437	70	20.5	66
Less than 4 years of English	1,882	4	17.3	46	74,180	5	16.4	39
Zero years / no English courses reported	720	2	13.5	23	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	3,117	7	24.2	71	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,724	12	22.6	63	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	3,971	8	20.3	41	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	6,679	14	21.3	50	239,289	15	20.0	36
Other comb of 4 or more years of Math	15,889	33	24.7	74	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	6,543	14	18.6	21	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	2,284	5	21.4	48	74,720	5	19.9	35
Less than 3 years of Math	2,710	6	17.0	11	97,949	6	16.4	7
Zero years / no Math courses reported	838	2	16.2	10	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,385	3	22.3	58	47,523	3	22.6	60
Other comb of 4 or more years Social Science	22,401	47	22.8	63	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	2,419	5	20.8	48	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	14,427	30	22.6	61	439,520	28	21.2	51
Less than 3 years of Social Science	6,363	13	21.3	52	156,679	10	19.5	39
Zero years / no Social Science courses reported	760	2	15.3	15	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	22,248	47	23.3	48	620,765	40	22.2	40
Bio, Chem, Phys	4,367	9	24.5	59	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	14,455	30	21.1	26	474,375	30	20.1	21
Other comb of 3 years of Natural Science	1,245	3	21.2	31	43,231	3	19.7	21
Less than 3 years of Natural Science	4,689	10	19.5	17	231,566	15	18.3	12
Zero years / no Natural Science courses reported	751	2	16.3	6	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 47,755

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	814	2	20.3	121	4	18.4	644	2	20.7
Architecture & Environmental Design	896	2	21.6	58	2	18.5	798	2	21.9
Business & Management	4,180	9	21.6	207	7	17.4	3,780	9	21.8
Business & Office	363	1	20.8	54	2	18.2	289	1	21.3
Marketing & Distribution	464	1	21.2	27	1	17.0	422	1	21.4
Communications & Comm. Technologies	985	2	22.3	62	2	18.2	886	2	22.6
Community & Personal Services	1,261	3	19.3	192	6	17.3	991	2	19.7
Computer & Information Sciences	1,118	2	22.9	103	3	19.1	952	2	23.3
Cross-Disciplinary Studies	64	0	24.4	2	0	18.0	58	0	25.0
Education	2,251	5	22.1	63	2	17.6	2,092	5	22.2
Teacher Education	1,778	4	21.0	42	1	16.8	1,651	4	21.2
Engineering	1,872	4	24.4	78	3	17.7	1,720	4	24.8
Engineering-Related Technologies	1,530	3	23.3	104	3	18.3	1,366	3	23.7
Foreign Languages	321	1	23.8	8	0	15.1	280	1	23.9
Health Sciences & Allied Health Fields	9,164	19	21.9	655	21	18.2	8,171	20	22.2
Human, Family & Consumer Science	459	1	19.5	82	3	17.5	348	1	19.9
Letters	385	1	24.4	6	0	18.7	356	1	24.6
Mathematics	447	1	25.2	14	0	17.9	414	1	25.5
Philosophy, Religion & Theology	240	1	23.3	10	0	19.2	208	1	23.5
Sciences (Biological & Physical)	3,241	7	24.6	45	1	18.6	3,059	7	24.8
Social Sciences	2,854	6	22.9	62	2	18.8	2,663	6	23.0
Trade & Industrial	478	1	19.0	224	7	18.2	217	1	19.8
Visual & Performing Arts	2,755	6	21.8	208	7	17.9	2,328	6	22.2
Undecided	8,619	18	22.7	541	18	18.6	7,220	18	23.1
No Response	1,216	3	15.6	80	3	13.6	188	0	16.3

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 47,755

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	609	17.9	70	12.6	6	15.2	450	19.1	31	14.4	19	16.2	33	17.1
2-yr College Degree	2,439	18.0	275	13.9	21	17.7	1,748	19.2	172	15.3	94	15.7	129	16.6
Bachelors Degree	23,537	21.6	1,132	15.9	138	19.8	19,772	22.2	750	18.6	749	18.8	996	20.6
Graduate Study	6,940	24.3	351	17.2	51	22.4	5,795	25.0	194	20.7	194	21.6	355	23.2
Prof. Level Degree	10,624	23.8	934	17.5	72	22.3	7,814	24.9	510	20.5	548	23.5	746	22.9
Other	1,104	19.5	107	14.6	9	19.0	793	20.6	55	16.9	51	17.3	89	19.3
No Response	2,502	20.2	482	14.1	34	16.8	1,393	23.2	180	16.0	79	19.1	334	19.4

Total Students in Report: 47,755

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	8,825	4,031	4,794	0	2	8	24	35	26	4
UNIV OF WISCONSIN-MILWAUKEE	Wisconsin	7,338	2,242	5,096	2	9	23	35	22	7	1
UNIV OF WISCONSIN-LA CROSSE	Wisconsin	5,251	1,254	3,997	0	2	13	36	34	14	1
UNIV OF WISCONSIN-EAU CLAIRE	Wisconsin	4,908	1,264	3,644	0	2	16	38	31	12	1
UNIV OF WISCONSIN-WHITEWATER	Wisconsin	4,874	1,336	3,538	2	8	23	38	22	6	1
UNIV OF WISCONSIN-OSHKOSH	Wisconsin	4,530	1,143	3,387	1	5	24	41	22	6	0
UNIVERSITY OF MINNESOTA-TWIN CITIES	Minnesota	4,336	1,103	3,233	0	1	8	25	37	26	3
UNIV OF WISCONSIN-STEVENS POINT	Wisconsin	4,186	1,101	3,085	0	4	21	41	25	9	0
MARQUETTE UNIVERSITY	Wisconsin	3,681	1,023	2,658	5	10	14	23	28	18	2
UNIV OF WISCONSIN-GREEN BAY	Wisconsin	3,122	738	2,384	1	5	23	40	24	7	0
UNIV OF WISCONSIN-PLATTEVILLE	Wisconsin	2,608	801	1,807	1	4	20	38	25	11	1
UNIV OF WISCONSIN-STOUT	Wisconsin	2,187	576	1,611	1	5	27	41	20	6	0
UNIV OF WISCONSIN-PARKSIDE	Wisconsin	1,479	439	1,040	3	16	29	33	16	3	0
UNIV OF WISCONSIN-RIVER FALLS	Wisconsin	1,363	385	978	1	5	26	39	22	7	1
MILWAUKEE AREA TECHNICAL COLLEGE	Wisconsin	1,355	497	858	16	31	28	18	6	1	0
MILWAUKEE SCH OF ENGINEERING	Wisconsin	1,333	379	954	2	7	11	25	29	22	3
WINONA STATE UNIVERSITY	Minnesota	1,219	338	881	0	2	21	44	25	7	0
CARROLL UNIVERSITY	Wisconsin	1,036	314	722	1	5	18	34	30	11	1
MADISON AREA TECHNICAL COLLEGE	Wisconsin	979	318	661	3	14	31	33	14	4	0
CARTHAGE COLLEGE	Wisconsin	804	228	576	1	4	19	34	30	12	0
ALVERNO COLLEGE	Wisconsin	719	228	491	11	30	33	17	7	2	0
UNIVERSITY OF MINNESOTA-DULUTH	Minnesota	685	162	523	0	1	16	39	30	12	1
SAINT NORBERT COLLEGE	Wisconsin	666	170	496	0	2	11	35	35	15	1
UNIV OF WISCONSIN-WAUKESHA	Wisconsin	652	174	478	1	9	31	39	17	3	0
CONCORDIA UNIVERSITY-WI	Wisconsin	625	170	455	2	8	23	30	25	11	1
EDGEWOOD COLLEGE	Wisconsin	615	163	452	1	6	23	35	25	9	0
MILWAUKEE INSTITUTE OF ART AND DESIGN	Wisconsin	550	152	398	9	18	23	28	18	4	0
FOX VALLEY TECHNICAL COLLEGE	Wisconsin	549	190	359	1	14	36	34	12	3	0
CARDINAL STRITCH UNIVERSITY	Wisconsin	513	114	399	8	25	31	22	12	4	0
UNIV OF WISCONSIN-SUPERIOR	Wisconsin	505	130	375	1	7	28	38	20	6	0
All Other Institutions		33,369	9,370	23,999	3	10	20	27	22	15	3
Total		104,862	30,533	74,329	2	7	19	31	25	13	2

Section V Optional Writing Test Results

Total Students in Report: 47,755

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	25,548	869,014	23.5	21.4	7.4	7.1	22.5	20.8
African American/Black	1,050	107,638	17.6	16.4	6.6	6.4	17.5	16.4
American Indian/Alaska Native	165	6,232	20.9	18.9	6.9	6.6	20.1	18.4
Caucasian American/White	21,008	518,004	24.1	23.0	7.4	7.3	23.0	22.1
Hispanic	846	101,126	19.9	18.1	7.1	6.9	19.6	18.1
Asian American/Pacific Islander	1,041	49,922	21.0	23.6	7.3	7.7	20.6	22.9
Other/No Response	1,438	86,092	23.0	21.0	7.2	7.1	22.0	20.4
Males	11,368	384,152	23.3	21.1	7.1	6.9	22.1	20.3
Females	14,170	484,023	23.7	21.7	7.5	7.3	22.8	21.2
Missing	10	839	21.2	16.8	6.7	6.3	20.2	16.6

