

ACT Profile Report - State

Graduating Class 2010
Arkansas



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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

18% 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: 24,578 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. 77% 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 5% of the cohort took less than three years of math courses. Of these students, 5% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% of these students were college ready. In comparison, 42% 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 12% of the cohort took less than three years of natural science courses. 5% of these students were college ready. In comparison, 26% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 55% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

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

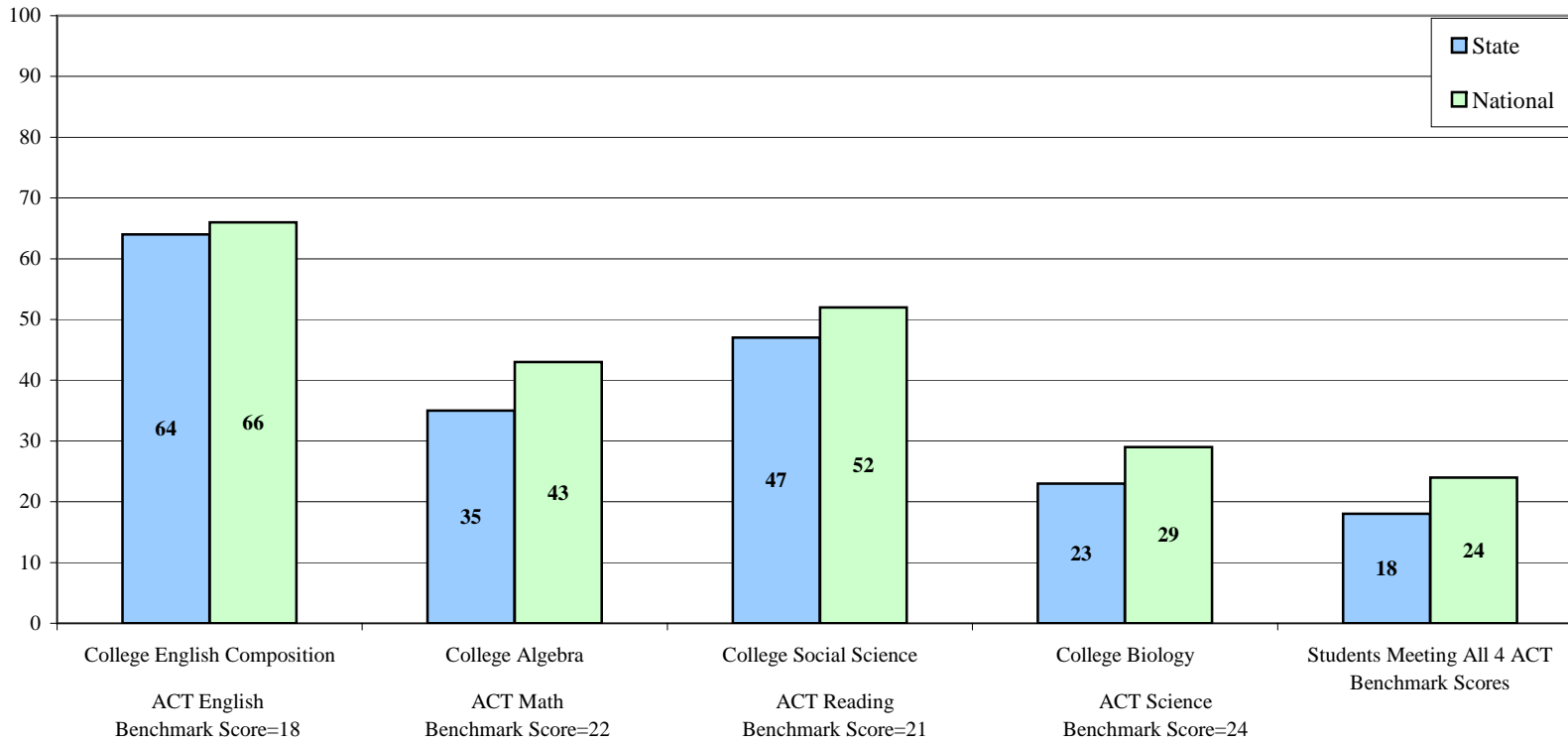
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 512-345-1949.

Section I

Executive Summary

Total Students in Report: 24,578

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: 24,578

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	21,005	1,206,455	69	69	34	42	49	53	22	27	17	21
2007	21,403	1,300,599	68	69	34	43	48	53	21	28	17	23
2008	22,545	1,421,941	70	68	35	43	49	53	22	28	17	22
2009	22,523	1,480,469	67	67	35	42	50	53	24	28	18	23
2010	24,578	1,568,835	64	66	35	43	47	52	23	29	18	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	21,005	1,206,455	20.7	20.6	19.9	20.8	20.9	21.4	20.3	20.9	20.6	21.1
2007	21,403	1,300,599	20.5	20.7	19.9	21.0	20.9	21.5	20.2	21.0	20.5	21.2
2008	22,545	1,421,941	20.7	20.6	20.1	21.0	21.0	21.4	20.3	20.8	20.6	21.1
2009	22,523	1,480,469	20.6	20.6	20.1	21.0	21.0	21.4	20.2	20.9	20.6	21.1
2010	24,578	1,568,835	20.1	20.5	19.9	21.0	20.6	21.3	20.2	20.9	20.3	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: 24,578

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	14,348	4,613	68	22	21.7	17.8	20.6	17.6	21.8	18.6	21.0	18.3	21.4	18.2
2007	13,333	5,092	62	24	21.5	17.7	20.6	17.9	21.7	18.7	20.8	18.3	21.3	18.3
2008	16,307	4,840	72	21	21.6	17.7	20.8	17.8	21.8	18.6	21.0	18.2	21.4	18.2
2009	17,134	4,358	76	19	21.5	17.3	20.9	17.7	21.9	18.3	21.0	17.8	21.4	17.9
2010	18,829	4,431	77	18	21.2	16.2	20.7	17.3	21.5	17.4	21.0	17.4	21.2	17.2

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.

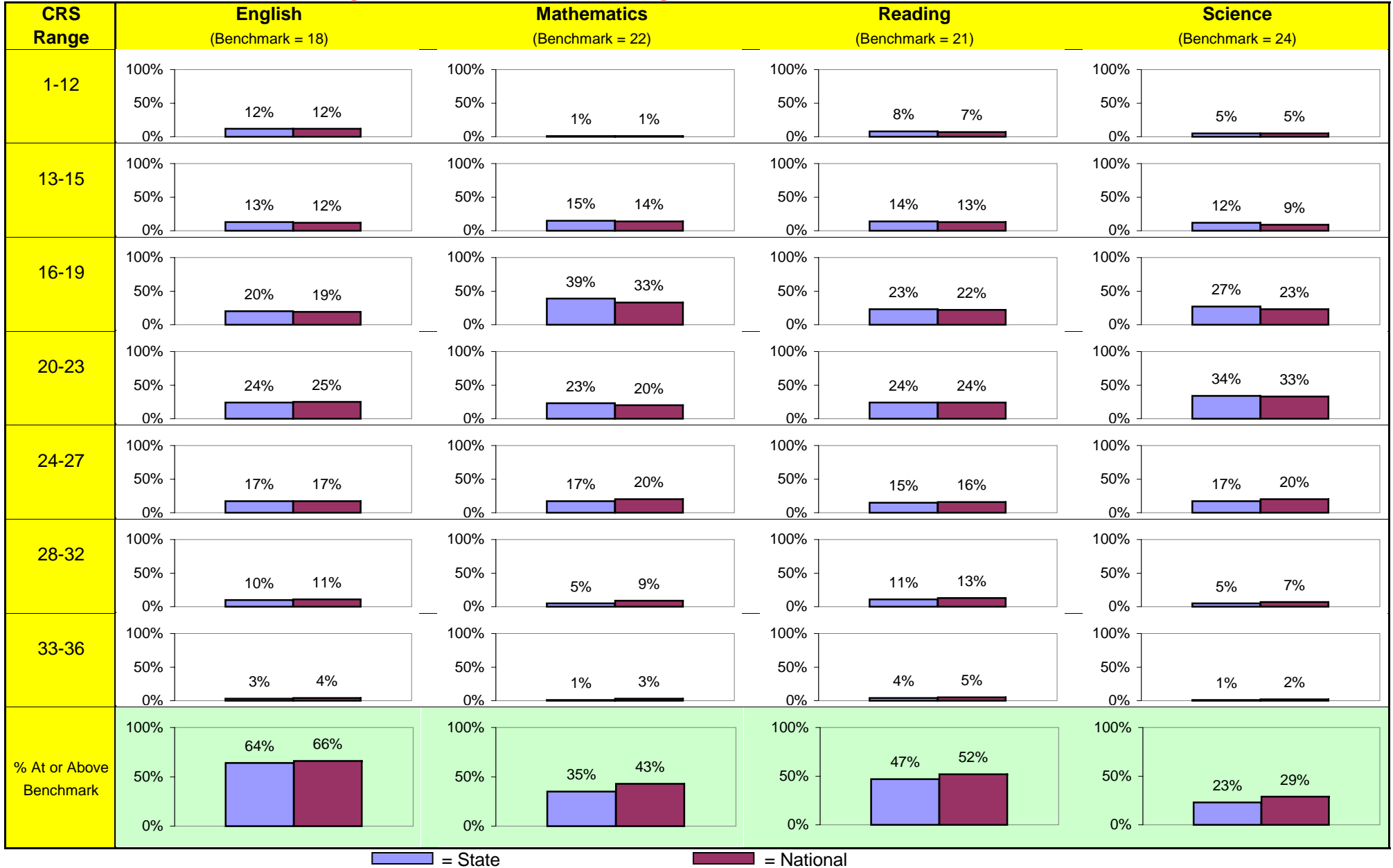
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	21,005	100	20.6	21,403	100	20.5	22,545	100	20.6	22,523	100	20.6	24,578	100	20.3
African American/Black	3,297	16	16.9	3,464	16	16.7	3,722	17	17.0	3,922	17	16.7	4,415	18	16.6
American Indian/Alaska Native	230	1	20.2	213	1	20.5	240	1	21.1	239	1	20.9	269	1	20.6
Caucasian American/White	15,068	72	21.5	14,775	69	21.4	15,982	71	21.5	15,968	71	21.6	17,027	69	21.4
Hispanic	579	3	18.9	624	3	18.8	768	3	19.1	885	4	18.8	1,116	5	18.6
Asian American/Pacific Islander	355	2	21.0	392	2	21.1	450	2	21.9	409	2	22.0	462	2	22.0
Other/No Response	1,476	7	20.6	1,935	9	21.0	1,383	6	21.0	1,100	5	21.1	1,289	5	19.7

Total Students in Report: 24,578

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



Section II

Academic Achievement

Total Students in Report: 24,578

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	62	100	23	100	125	100	40	100	3	100	36
35	203	100	49	100	112	99	78	100	28	100	35
34	246	99	76	100	350	99	59	100	60	100	34
33	295	98	108	99	416	98	120	99	141	100	33
32	281	97	134	99	271	96	46	99	207	99	32
31	369	96	160	98	523	95	170	99	247	98	31
30	526	94	220	98	601	93	236	98	359	97	30
29	485	92	270	97	628	90	268	97	450	96	29
28	777	90	477	96	639	88	421	96	643	94	28
27	562	87	665	94	729	85	660	94	776	91	27
26	1,058	85	860	91	772	82	916	91	951	88	26
25	1,077	80	1,160	88	1,081	79	1,342	88	1,156	84	25
24	1,372	76	1,540	83	1,161	75	1,291	82	1,371	80	24
23	1,117	70	1,446	77	1,067	70	1,928	77	1,431	74	23
22	1,481	66	1,357	71	1,688	66	1,656	69	1,625	68	22
21	1,782	60	1,243	65	1,480	59	2,301	62	1,814	62	21
20	1,612	52	1,532	60	1,611	53	2,359	53	1,865	54	20
19	1,383	46	1,600	54	1,581	46	1,943	43	2,006	47	19
18	1,121	40	1,990	47	1,095	40	1,981	36	1,724	38	18
17	1,189	36	2,616	39	1,591	35	1,327	28	1,700	31	17
16	1,284	31	3,321	29	1,500	29	1,299	22	1,554	24	16
15	1,413	26	2,153	15	1,063	23	1,053	17	1,418	18	15
14	1,092	20	1,082	6	1,513	18	920	13	1,246	12	14
13	722	15	351	2	980	12	868	9	987	7	13
12	656	12	101	1	963	8	518	5	587	3	12
11	807	10	31	1	567	4	387	3	186	1	11
10	596	7	8	1	261	2	232	2	34	1	10
9	454	4	1	1	124	1	99	1	6	1	9
8	379	2	2	1	44	1	49	1	1	1	8
7	122	1	0	1	26	1	4	1	2	1	7
6	46	1	1	1	12	1	4	1	0	1	6
5	7	1	0	1	3	1	2	1	0	1	5
4	1	1	1	1	1	1	0	1	0	1	4
3	1	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	1	1	0	1	1
Avg (SD)	20.1 (6.3)		19.9 (4.5)		20.6 (6.1)		20.2 (4.8)		20.3 (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: 24,578

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	778	100	269	100	446	100	644	100	435	100	96	100	115	100	18
17	645	97	106	99	710	98	1,268	97	734	98	93	100	48	100	17
16	916	94	1,268	98	1,192	95	1,461	92	863	95	418	99	300	99	16
15	1,410	90	1,625	93	1,428	90	1,593	86	1,138	92	490	98	691	98	15
14	1,109	85	1,491	87	1,215	85	1,228	80	1,361	87	1,520	96	1,352	95	14
13	1,631	80	1,799	81	1,401	80	1,697	75	1,544	82	1,923	89	1,970	90	13
12	1,594	74	2,944	73	2,365	74	1,882	68	2,299	75	2,559	82	2,207	82	12
11	1,972	67	2,439	61	2,208	64	2,369	60	2,369	66	3,544	71	3,111	73	11
10	3,162	59	2,515	51	2,666	55	2,182	51	2,659	56	3,675	57	3,813	60	10
9	2,319	46	2,736	41	3,112	45	1,787	42	2,207	45	4,475	42	3,542	45	9
8	2,042	37	2,337	30	2,685	32	2,145	34	3,387	36	2,287	24	3,224	30	8
7	2,122	28	1,707	21	2,478	21	1,489	26	3,136	23	1,673	14	1,520	17	7
6	1,615	20	846	14	1,385	11	1,967	20	1,567	10	739	7	1,098	11	6
5	1,357	13	1,126	10	697	5	1,543	12	590	4	520	4	664	6	5
4	1,075	8	928	6	323	2	882	5	204	1	253	2	384	4	4
3	595	3	386	2	176	1	305	2	47	1	242	1	292	2	3
2	220	1	54	1	77	1	130	1	35	1	7	1	193	1	2
1	16	1	2	1	14	1	6	1	3	1	64	1	54	1	1
Avg (SD)	10.0 (3.8)		10.3 (3.4)		10.4 (3.4)		10.5 (4.0)		10.3 (3.3)		10.1 (2.7)		9.9 (2.8)		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)	24	23	25	23	24
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	17

Total Students in Report: 24,578

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	24,578	77	21.2	17.2
	African American/Black	4,415	67	17.5	14.9
	American Indian/Alaska Native	269	74	21.5	17.9
	Caucasian American/White	17,027	80	22.1	18.2
	Hispanic	1,116	76	19.4	16.4
	Asian American/Pacific Islander	462	84	22.6	18.9
	Other/No Response	1,289	61	20.9	17.3
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	20.1	19.9	20.6	20.2	20.3
	African American/Black	15.7	16.8	16.4	17.2	16.6
	American Indian/Alaska Native	20.3	19.8	21.1	20.5	20.6
	Caucasian American/White	21.4	20.8	21.8	21.0	21.4
	Hispanic	17.6	18.8	18.7	18.9	18.6
	Asian American/Pacific Islander	21.5	22.5	21.6	21.9	22.0
	Other/No Response	19.2	19.4	19.9	19.7	19.7
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: 24,578

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	806	3	256	1	1,003	4	297	1
	28 to 32	2,438	10	1,261	5	2,662	11	1,141	5
	24 to 27	4,069	17	4,225	17	3,743	15	4,209	17
	20 to 23	5,992	24	5,578	23	5,846	24	8,244	34
	16 to 19	4,977	20	9,527	39	5,767	23	6,550	27
	13 to 15	3,227	13	3,586	15	3,556	14	2,841	12
	01 to 12	3,069	12	145	1	2,001	8	1,296	5
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	11,118	45	19.7	20.4	20.5	20.5	20.4
	Females	13,354	54	20.5	19.5	20.7	19.9	20.3
	Missing	106	0	14.0	16.1	15.6	16.2	15.6
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	62	39	47	27	21
	Females	67	31	48	20	16
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 24,578

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	18,829	72	21.2	41	20.7	54	21.5	27	21.0	22	21.2
	Less than Core	4,431	37	16.2	13	17.3	25	17.4	7	17.4	5	17.2
	Missing ³	1,318	45	17.2	18	17.9	28	17.9	13	18.0	8	17.9
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	22,557	66	20.4	22,237	37	20.2	22,103	50	20.9	20,363	26	20.8
	Less than Core	900	39	16.2	1,109	5	16.0	1,297	25	17.3	3,023	5	16.9
	Missing ³	1,121	50	17.9	1,232	19	17.9	1,178	30	18.3	1,192	14	18.4
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.

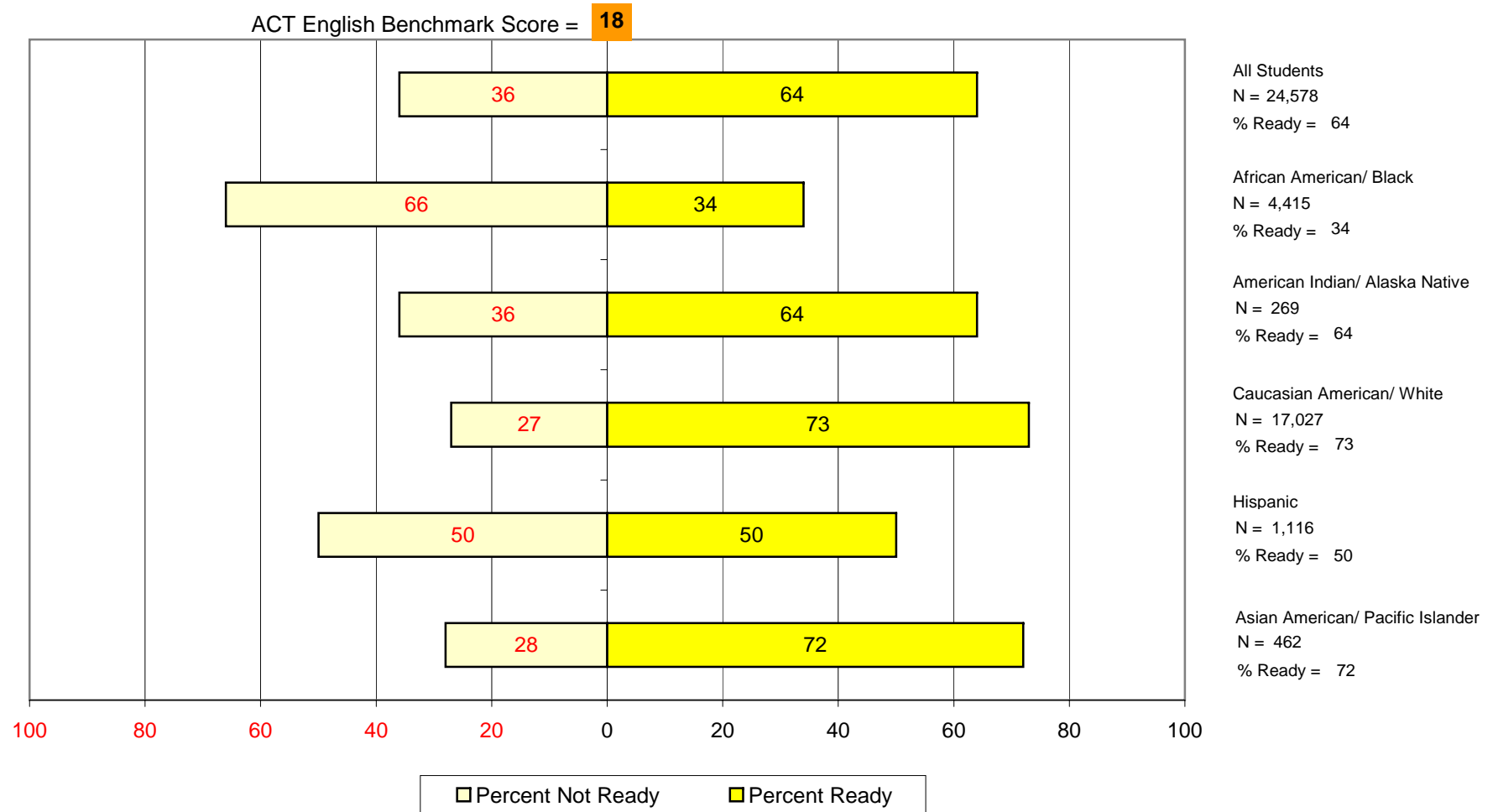
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

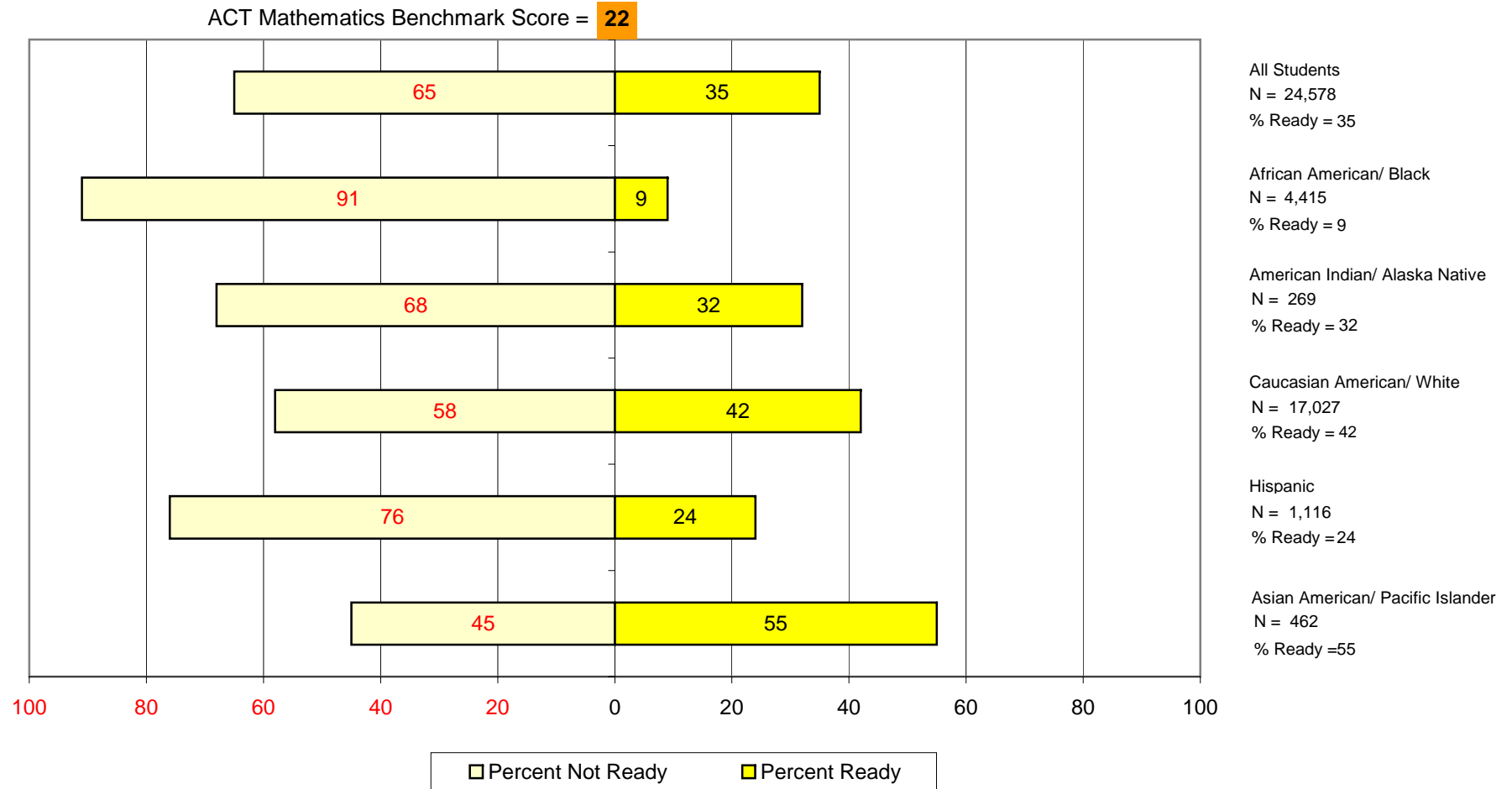
Total Students in Report: 24,578

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



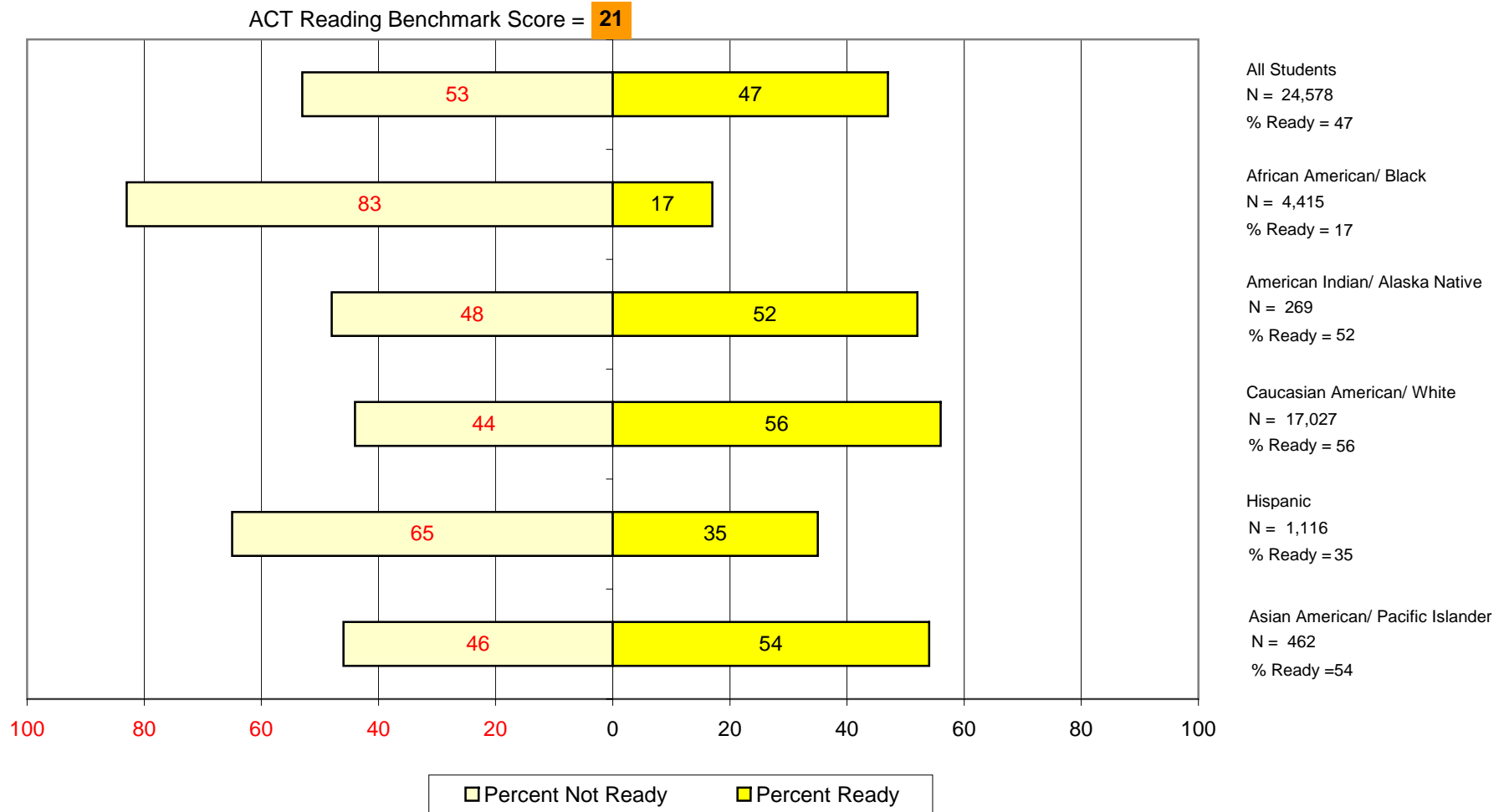
Total Students in Report: 24,578

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



Total Students in Report: 24,578

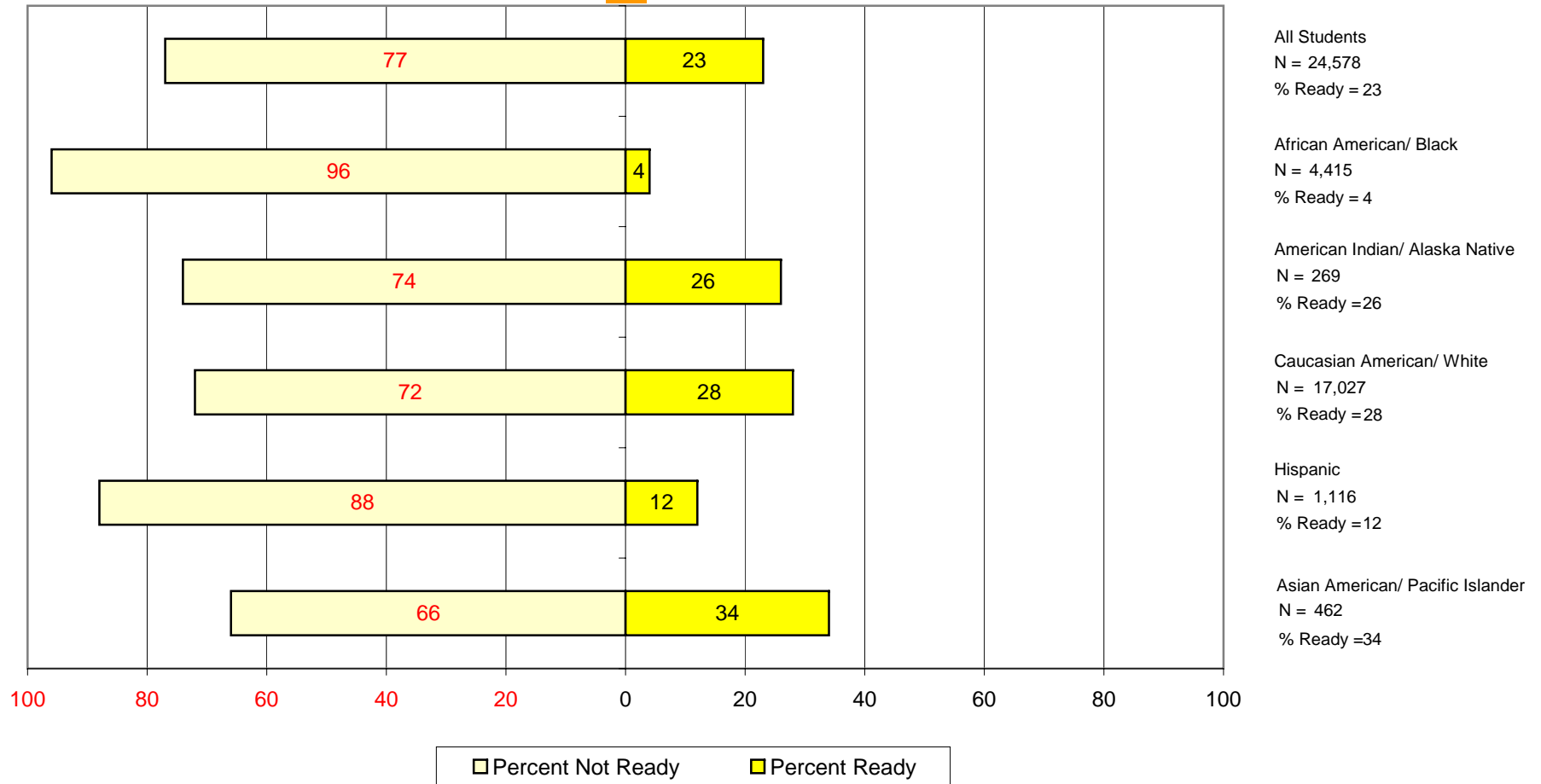
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 24,578

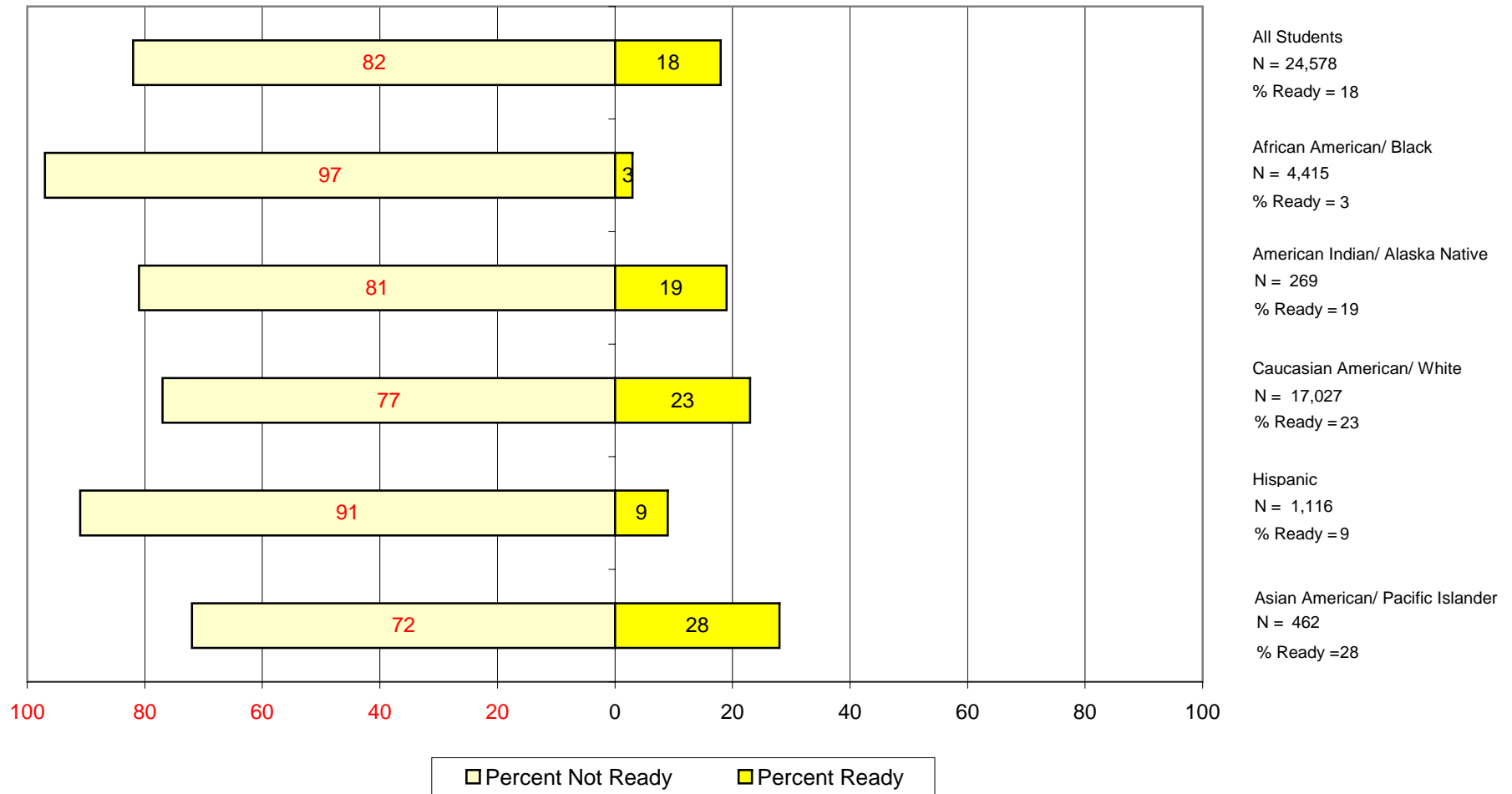
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 24,578

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



Total Students in Report: 24,578

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	4,609	19	22.0	5.8	1,949	18	21.6	6.0	2,654	20	22.3	5.5
Eng 9, Eng 10, Eng 11, Eng 12	17,948	73	19.9	3.7	8,168	73	19.6	4.0	9,714	73	20.3	3.5
Less than 4 years of English	900	4	16.2	-	444	4	15.6	-	449	3	16.8	-
Zero years / no English courses reported	1,121	5	17.9	-	557	5	17.3	-	537	4	18.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,206	5	23.1	7.1	541	5	23.9	7.6	664	5	22.5	6.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,474	10	22.1	6.1	956	9	22.6	6.3	1,518	11	21.8	6.1
Alg 1, Alg 2, Geom, & Trig	1,594	6	19.6	3.6	703	6	20.0	3.7	887	7	19.2	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	6,880	28	19.0	3.0	2,742	25	19.4	3.1	4,114	31	18.7	3.0
Other comb of 4 or more years of Math	6,383	26	22.2	6.2	3,165	28	23.0	6.7	3,213	24	21.5	5.8
Alg 1, Alg 2, & Geom	2,960	12	16.9	0.9	1,467	13	17.2	0.9	1,478	11	16.7	1.0
Other comb of 3 or 3.5 years of Math	740	3	17.9	1.9	366	3	18.2	1.9	371	3	17.7	2.0
Less than 3 years of Math	1,109	5	16.0	-	575	5	16.3	-	524	4	15.7	-
Zero years / no Math courses reported	1,232	5	17.9	-	603	5	18.3	-	585	4	17.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,631	7	22.0	4.7	799	7	21.8	4.8	823	6	22.2	4.6
Other comb of 4 or more years Social Science	9,049	37	21.8	4.5	4,117	37	21.8	4.8	4,911	37	21.8	4.2
US Hist, World Hist, & Am Gov	5,393	22	19.6	2.3	2,487	22	19.6	2.6	2,882	22	19.6	2.0
Other comb of 3 or 3.5 years of Social Science	6,030	25	20.4	3.1	2,503	23	20.3	3.3	3,506	26	20.5	2.9
Less than 3 years of Social Science	1,297	5	17.3	-	623	6	17.0	-	670	5	17.6	-
Zero years / no Social Science courses reported	1,178	5	18.3	-	589	5	17.9	-	562	4	19.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	7,920	32	21.6	4.7	3,940	35	22.3	5.4	3,974	30	21.0	4.1
Bio, Chem, Phys	420	2	23.1	6.2	178	2	24.1	7.2	242	2	22.4	5.5
Gen Sci ² , Bio, Chem	10,769	44	20.2	3.3	4,303	39	20.4	3.5	6,439	48	20.1	3.2
Other comb of 3 years of Natural Science	1,254	5	19.4	2.5	657	6	20.0	3.1	591	4	18.8	1.9
Less than 3 years of Natural Science	3,023	12	16.9	-	1,447	13	16.9	-	1,537	12	16.9	-
Zero years / no Natural Science courses reported	1,192	5	18.4	-	593	5	18.3	-	571	4	18.5	-

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: 24,578

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	4,609	19	22.0	76	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	17,948	73	19.9	63	1,096,437	70	20.5	66
Less than 4 years of English	900	4	16.2	39	74,180	5	16.4	39
Zero years / no English courses reported	1,121	5	17.9	50	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,206	5	23.1	64	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,474	10	22.1	58	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	1,594	6	19.6	31	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	6,880	28	19.0	24	239,289	15	20.0	36
Other comb of 4 or more years of Math	6,383	26	22.2	55	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	2,960	12	16.9	8	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	740	3	17.9	16	74,720	5	19.9	35
Less than 3 years of Math	1,109	5	16.0	5	97,949	6	16.4	7
Zero years / no Math courses reported	1,232	5	17.9	19	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,631	7	22.0	56	47,523	3	22.6	60
Other comb of 4 or more years Social Science	9,049	37	21.8	56	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	5,393	22	19.6	41	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	6,030	25	20.4	46	439,520	28	21.2	51
Less than 3 years of Social Science	1,297	5	17.3	25	156,679	10	19.5	39
Zero years / no Social Science courses reported	1,178	5	18.3	30	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	7,920	32	21.6	33	620,765	40	22.2	40
Bio, Chem, Phys	420	2	23.1	45	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	10,769	44	20.2	21	474,375	30	20.1	21
Other comb of 3 years of Natural Science	1,254	5	19.4	18	43,231	3	19.7	21
Less than 3 years of Natural Science	3,023	12	16.9	5	231,566	15	18.3	12
Zero years / no Natural Science courses reported	1,192	5	18.4	14	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 24,578

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	757	3	18.5	130	6	15.6	587	3	19.3
Architecture & Environmental Design	411	2	20.6	30	1	18.0	363	2	21.0
Business & Management	1,806	7	20.1	127	6	16.1	1,590	8	20.5
Business & Office	185	1	18.6	30	1	16.4	141	1	19.3
Marketing & Distribution	126	1	19.9	14	1	14.9	108	1	20.5
Communications & Comm. Technologies	422	2	21.2	24	1	15.7	383	2	21.6
Community & Personal Services	738	3	18.1	155	7	16.1	542	3	18.8
Computer & Information Sciences	601	2	21.0	66	3	17.4	506	3	21.7
Cross-Disciplinary Studies	25	0	23.6	2	0	16.0	23	0	24.3
Education	966	4	20.3	39	2	16.5	888	4	20.6
Teacher Education	958	4	20.0	46	2	16.8	861	4	20.2
Engineering	942	4	21.3	91	4	15.9	807	4	22.1
Engineering-Related Technologies	591	2	21.1	75	3	15.9	486	2	22.0
Foreign Languages	109	0	22.0	7	0	16.0	98	0	22.5
Health Sciences & Allied Health Fields	5,966	24	20.3	448	20	16.9	5,280	26	20.7
Human, Family & Consumer Science	375	2	18.0	88	4	16.6	259	1	18.6
Letters	167	1	24.1	3	0	18.7	155	1	24.3
Mathematics	162	1	22.6	5	0	18.6	151	1	22.8
Philosophy, Religion & Theology	186	1	22.6	10	0	15.0	163	1	23.1
Sciences (Biological & Physical)	1,005	4	22.9	19	1	17.4	946	5	23.1
Social Sciences	1,300	5	21.7	25	1	16.8	1,230	6	21.9
Trade & Industrial	446	2	17.5	250	11	16.9	172	1	18.7
Visual & Performing Arts	1,578	6	20.8	150	7	17.1	1,319	7	21.4
Undecided	3,414	14	20.7	312	14	16.6	2,766	14	21.4
No Response	1,342	5	17.0	81	4	14.2	157	1	16.6

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: 24,578

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	576	16.3	94	14.0	11	18.4	406	16.9	30	15.7	3	18.3	32	15.7
2-yr College Degree	1,651	16.5	377	14.2	20	17.2	1,012	17.5	137	16.5	16	16.1	89	15.9
Bachelors Degree	10,272	19.9	1,661	16.2	108	20.5	7,492	20.8	447	18.3	178	20.3	386	19.8
Graduate Study	3,072	22.4	423	18.0	30	22.4	2,353	23.4	93	20.5	49	23.1	124	21.4
Prof. Level Degree	6,637	22.1	1,301	18.2	68	22.9	4,451	23.3	296	20.6	183	24.3	338	21.7
Other	822	17.6	204	15.3	11	18.0	484	18.5	44	18.1	11	21.3	68	17.4
No Response	1,548	18.0	355	15.2	21	17.0	829	19.2	69	15.9	22	19.5	252	18.6

Total Students in Report: 24,578

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF ARKANSAS	Arkansas	6,962	2,777	4,185	2	8	21	30	25	13	1
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	6,387	1,844	4,543	2	11	26	31	21	8	1
ARKANSAS STATE UNIVERSITY	Arkansas	4,397	1,736	2,661	3	13	30	29	18	6	0
ARKANSAS TECH UNIVERSITY	Arkansas	3,582	1,276	2,306	2	10	26	31	22	8	1
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	2,486	590	1,896	3	15	32	29	15	5	0
HENDERSON STATE UNIVERSITY	Arkansas	2,047	675	1,372	3	15	32	28	17	5	0
UNIV OF ARKANSAS-FORT SMITH	Arkansas	1,518	607	911	3	9	28	34	21	5	1
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,206	432	774	3	19	35	27	13	3	0
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	1,027	371	656	5	19	36	25	11	3	0
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	972	261	711	12	35	37	13	3	1	0
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	967	409	558	2	16	34	31	13	3	0
HENDRIX COLLEGE	Arkansas	950	197	753	2	5	18	20	27	25	4
OUACHITA BAPTIST UNIVERSITY	Arkansas	918	229	689	2	10	20	28	23	15	1
HARDING UNIVERSITY	Arkansas	888	296	592	2	9	20	28	26	13	1
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	687	275	412	2	12	34	32	16	3	0
PULASKI TECHNICAL COLLEGE	Arkansas	674	230	444	7	25	39	21	8	1	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	636	636	0	10	32	30	20	5	2	1
LYON COLLEGE	Arkansas	584	128	456	1	7	23	27	28	13	1
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	584	190	394	4	16	35	28	14	2	0
NCAA ELIGIBILITY CENTER	Indiana	545	233	312	4	16	26	29	19	6	0
UNIVERSITY OF THE OZARKS	Arkansas	509	92	417	2	12	28	34	18	5	0
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	454	45	409	1	12	30	32	17	7	0
WILLIAMS BAPTIST COLLEGE	Arkansas	380	75	305	2	11	28	33	19	7	0
JOHN BROWN UNIVERSITY	Arkansas	363	78	285	1	6	18	28	27	18	2
OKLAHOMA STATE UNIVERSITY	Oklahoma	351	60	291	1	4	15	29	31	17	2
BLACK RIVER TECHNICAL COLLEGE	Arkansas	341	160	181	5	18	43	24	8	2	0
NATIONAL PARK COMMUNITY COLLEGE	Arkansas	336	132	204	7	17	40	28	7	1	0
NORTH ARKANSAS COLLEGE	Arkansas	333	146	187	2	18	38	26	15	2	0
CENTRAL BAPTIST COLLEGE	Arkansas	326	70	256	5	14	27	30	19	4	1
UNIVERSITY OF MEMPHIS	Tennessee	311	82	229	4	16	37	23	17	3	0
All Other Institutions		17,995	4,488	13,507	4	15	26	24	18	12	2
Total		59,716	18,820	40,896	3	13	27	27	19	9	1

Section V

Optional Writing Test Results

Total Students in Report: 24,578

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	2,823	869,014	22.9	21.4	6.8	7.1	21.5	20.8
African American/Black	530	107,638	18.3	16.4	6.4	6.4	17.7	16.4
American Indian/Alaska Native	35	6,232	23.9	18.9	7.0	6.6	22.4	18.4
Caucasian American/White	1,826	518,004	24.3	23.0	6.9	7.3	22.6	22.1
Hispanic	153	101,126	19.2	18.1	6.8	6.9	18.7	18.1
Asian American/Pacific Islander	97	49,922	26.1	23.6	7.2	7.7	24.2	22.9
Other/No Response	182	86,092	23.2	21.0	7.0	7.1	21.8	20.4
Males	1,131	384,152	22.7	21.1	6.6	6.9	21.2	20.3
Females	1,692	484,023	22.9	21.7	7.0	7.3	21.7	21.2
Missing	0	839	.	16.8	.	6.3	.	16.6

