

ACT High School Profile Report

The Graduating Class of 2007
Arkansas



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



This report provides information about the performance of your 2007 graduating seniors who took the ACT as sophomores, juniors, or seniors.

This report focuses on :

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT’s **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

17% of 2007 graduates met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT. 21,403 ACT-tested graduates are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY. Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 62% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES. Table 3.2 reports 8% of the cohort took less than three years of math courses. Of these students, 11% were college ready. 17% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 8% of these students were college ready. In comparison, 43% of the students who advanced beyond minimum core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 14% of the cohort took less than three years of natural science courses. 8% of these students were college ready. In comparison, 24% 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.

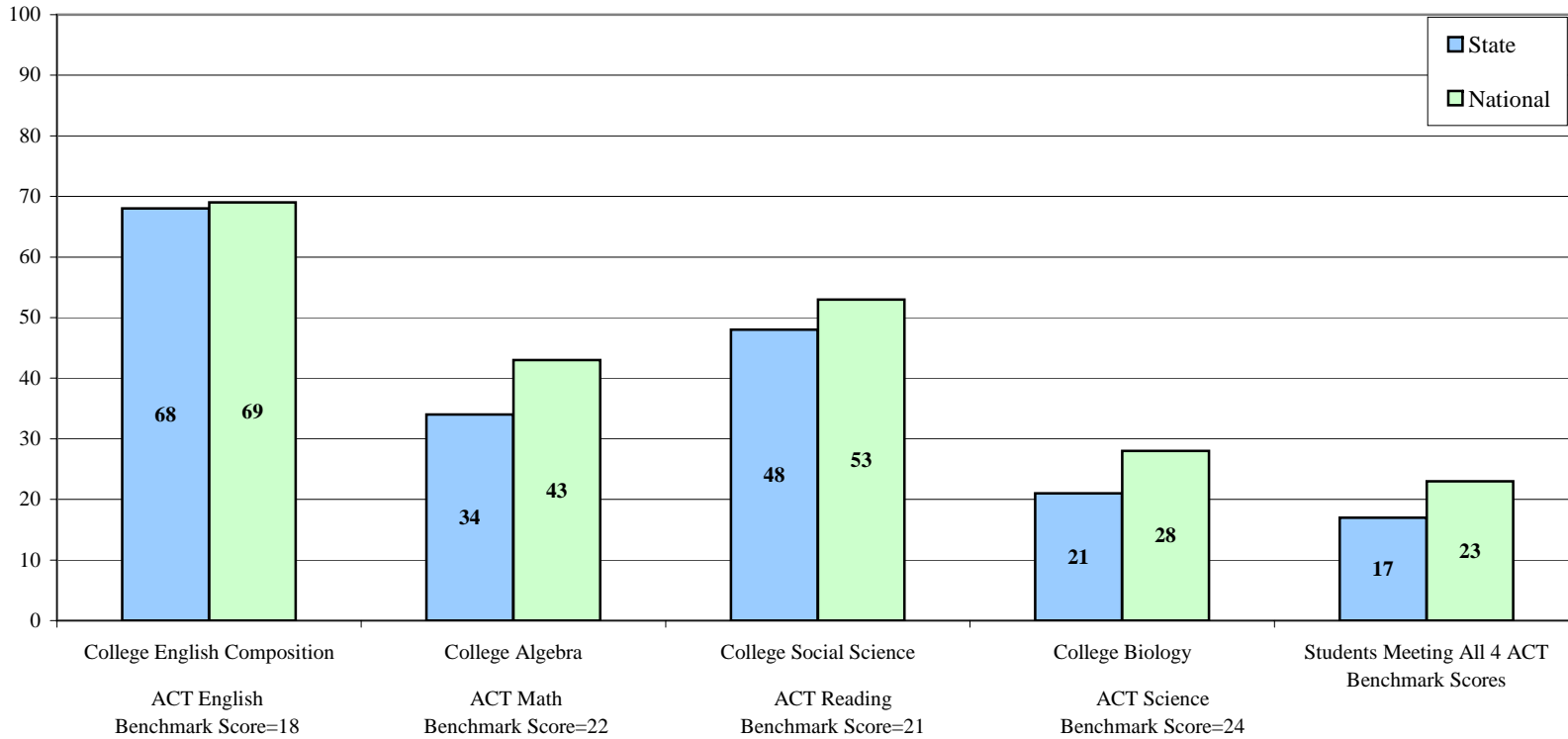
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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

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



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

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

Grad Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2003	21,166	1,175,059	69	67	29	40	47	52	21	26	15	20
2004	20,489	1,171,460	68	68	30	40	48	52	21	26	16	21
2005	21,000	1,186,251	68	68	31	41	47	51	21	26	16	21
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

Table 1.2. Five Year Trends—Average ACT Scores

Grad Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2003	21,166	1,175,059	20.7	20.3	19.3	20.6	20.6	21.2	20.1	20.8	20.3	20.8
2004	20,489	1,171,460	20.6	20.4	19.5	20.7	20.8	21.3	20.1	20.9	20.4	20.9
2005	21,000	1,186,251	20.5	20.4	19.6	20.7	20.6	21.3	20.1	20.9	20.3	20.9
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2

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

Grad Year	Number of Students Tested		Percent ¹		Average ACT Scores									
	Core or More	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2003	15,112	4,063	71	19	21.6	17.3	20.0	16.8	21.3	18.1	20.7	17.9	21.0	17.6
2004	14,739	4,175	72	20	21.6	17.3	20.3	17.0	21.5	18.2	20.8	17.9	21.2	17.7
2005	14,635	4,393	70	21	21.5	17.3	20.3	17.1	21.4	18.1	20.8	17.9	21.1	17.7
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

¹Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five-Year Trends—Number, Percentage, and Average Composite Score for ACT-Tested Graduates by Race/Ethnicity

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	21,166	100	20.3	20,489	100	20.4	21,000	100	20.3	21,005	100	20.6	21,403	100	20.5
African American/Black	3,329	16	16.7	3,238	16	16.7	3,444	16	16.7	3,297	16	16.9	3,464	16	16.7
American Indian/Alaska Native	197	1	19.9	236	1	19.9	200	1	20.1	230	1	20.2	213	1	20.5
Caucasian American/White	15,585	74	21.1	15,075	74	21.2	15,221	72	21.2	15,068	72	21.5	14,775	69	21.4
Hispanic	424	2	18.9	413	2	18.6	529	3	18.6	579	3	18.9	624	3	18.8
Asian American/Pacific Islander	322	2	21.7	325	2	20.9	359	2	21.4	355	2	21.0	392	2	21.1
Other/No Response	1,309	6	20.7	1,202	6	20.8	1,247	6	20.5	1,476	7	20.6	1,935	9	21.0

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	42	100	17	100	95	100	39	100	3	100	36
35	180	100	43	100	174	100	67	100	26	100	35
34	318	99	85	100	258	99	52	100	55	100	34
33	287	97	72	99	300	98	123	99	116	100	33
32	203	96	128	99	392	96	81	99	187	99	32
31	395	95	136	98	412	94	146	98	211	98	31
30	395	93	206	98	460	92	196	98	325	97	30
29	370	91	354	97	591	90	172	97	445	96	29
28	738	90	359	95	614	87	302	96	550	94	28
27	643	86	621	93	777	85	508	94	689	91	27
26	728	83	849	91	740	81	735	92	799	88	26
25	1,167	80	937	87	889	78	980	89	942	84	25
24	1,061	74	1,257	82	1,061	73	1,170	84	1,243	80	24
23	985	70	1,021	76	1,454	68	1,261	79	1,259	74	23
22	1,388	65	1,115	72	919	62	1,913	73	1,496	68	22
21	1,541	58	1,215	66	1,063	57	1,995	64	1,626	61	21
20	1,699	51	1,300	61	1,986	52	2,268	54	1,706	53	20
19	1,466	43	1,654	55	1,137	43	1,904	44	1,782	45	19
18	1,007	36	1,685	47	1,033	38	1,977	35	1,719	37	18
17	895	32	2,194	39	1,340	33	1,455	26	1,545	29	17
16	1,222	28	2,754	29	1,391	27	910	19	1,426	22	16
15	1,094	22	1,938	16	993	20	808	15	1,162	15	15
14	1,046	17	1,001	7	1,205	16	644	11	940	10	14
13	598	12	305	2	788	10	453	8	620	5	13
12	505	9	111	1	732	6	450	6	363	2	12
11	456	7	26	1	342	3	390	4	128	1	11
10	383	5	7	1	166	1	270	2	31	1	10
9	248	3	5	1	47	1	75	1	5	1	9
8	214	2	6	1	23	1	37	1	2	1	8
7	96	1	0	1	12	1	16	1	1	1	7
6	19	1	2	1	7	1	4	1	1	1	6
5	12	1	0	1	1	1	1	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	1	1	0	1	1	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	1	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.5 (6.1)		19.9 (4.6)		20.9 (6.0)		20.2 (4.6)		20.5 (4.8)		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	552	100	137	100	283	100	516	100	321	100	68	100	77	100	18
17	916	97	427	99	949	99	913	98	498	99	122	100	87	100	17
16	758	93	1,003	97	856	94	1,322	93	793	96	222	99	228	99	16
15	721	90	1,463	93	1,115	90	1,473	87	906	92	574	98	824	98	15
14	1,450	86	1,361	86	1,077	85	1,514	80	1,497	88	1,061	95	1,067	94	14
13	1,336	79	1,583	79	1,171	80	1,689	73	1,690	81	1,745	90	1,784	89	13
12	1,616	73	2,324	72	2,906	75	1,993	65	1,779	73	2,004	82	1,748	81	12
11	2,006	66	2,659	61	2,038	61	1,417	56	1,861	65	2,730	73	2,560	73	11
10	2,594	56	2,578	49	1,969	51	1,828	49	2,303	56	3,894	60	3,448	61	10
9	2,026	44	2,202	37	2,540	42	2,037	41	2,022	46	3,280	42	3,523	45	9
8	2,053	35	2,192	26	2,638	30	1,581	31	2,649	36	2,325	27	2,244	28	8
7	1,632	25	1,287	16	1,567	18	1,391	24	2,921	24	1,291	16	1,781	18	7
6	1,310	17	957	10	1,109	11	1,914	17	1,404	10	1,014	10	766	9	6
5	1,216	11	674	6	543	6	1,036	8	441	4	575	5	455	6	5
4	733	6	380	3	403	3	579	4	193	1	203	2	419	4	4
3	329	2	145	1	177	1	135	1	93	1	245	1	223	2	3
2	139	1	28	1	50	1	62	1	22	1	2	1	99	1	2
1	16	1	3	1	12	1	3	1	10	1	48	1	70	1	1
Avg (SD)	10.2 (3.7)		10.6 (3.2)		10.5 (3.4)		10.7 (3.8)		10.3 (3.3)		10.0 (2.7)		9.9 (2.8)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values for All Students

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	25	23	25	23	24
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

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	21,403	62	21.3	18.3
	African Am./Black	3,464	58	17.6	15.3
	Am. Indian/Alaska Native	213	55	21.5	18.7
	Caucasian Am./White	14,775	67	22.1	19.3
	Hispanic	624	59	19.8	16.8
	Asian Am./Pacific Islander	392	74	21.2	19.9
	Other/No Response	1,935	36	21.6	19.3
National	All Students	1,300,599	51	22.0	19.8
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.5	19.9	20.9	20.2	20.5
	African Am./Black	16.0	16.6	16.8	16.9	16.7
	Am. Indian/Alaska Native	20.2	20.2	20.9	20.2	20.5
	Caucasian Am./White	21.6	20.6	21.9	20.9	21.4
	Hispanic	18.0	18.8	19.0	18.9	18.8
	Asian Am./Pacific Islander	20.6	21.7	20.6	20.8	21.1
	Other/No Response	21.1	20.5	21.5	20.5	21.0
National	All Students	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

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

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	827	4	217	1	827	4	281	1
	28 to 32	2,101	10	1,183	6	2,469	12	897	4
	24 to 27	3,599	17	3,664	17	3,467	16	3,393	16
	20 to 23	5,613	26	4,651	22	5,422	25	7,437	35
	16 to 19	4,590	21	8,287	39	4,901	23	6,246	29
	13 to 15	2,738	13	3,244	15	2,986	14	1,905	9
	01 to 12	1,935	9	157	1	1,331	6	1,244	6
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	9,228	43	20.1	20.4	20.7	20.6	20.6
	Females	11,414	53	20.8	19.4	21.0	19.7	20.4
	Missing	761	4	21.5	20.6	21.6	20.7	21.2
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	65	38	46	26	20
	Females	70	30	49	18	14
National	Males	66	47	51	32	26
	Females	71	38	53	24	20

Section III

College Readiness and the Impact of Course Rigor

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

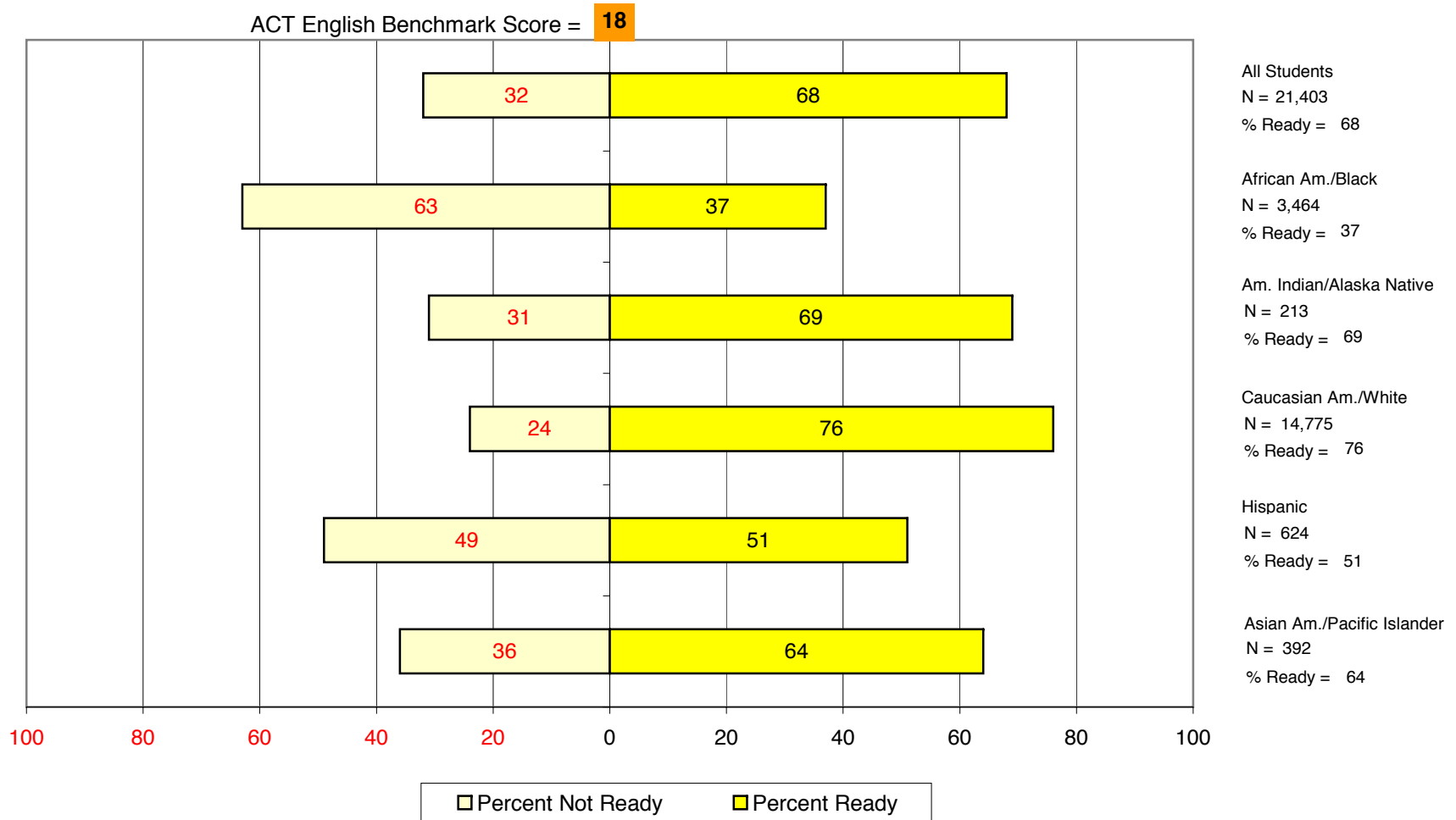


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

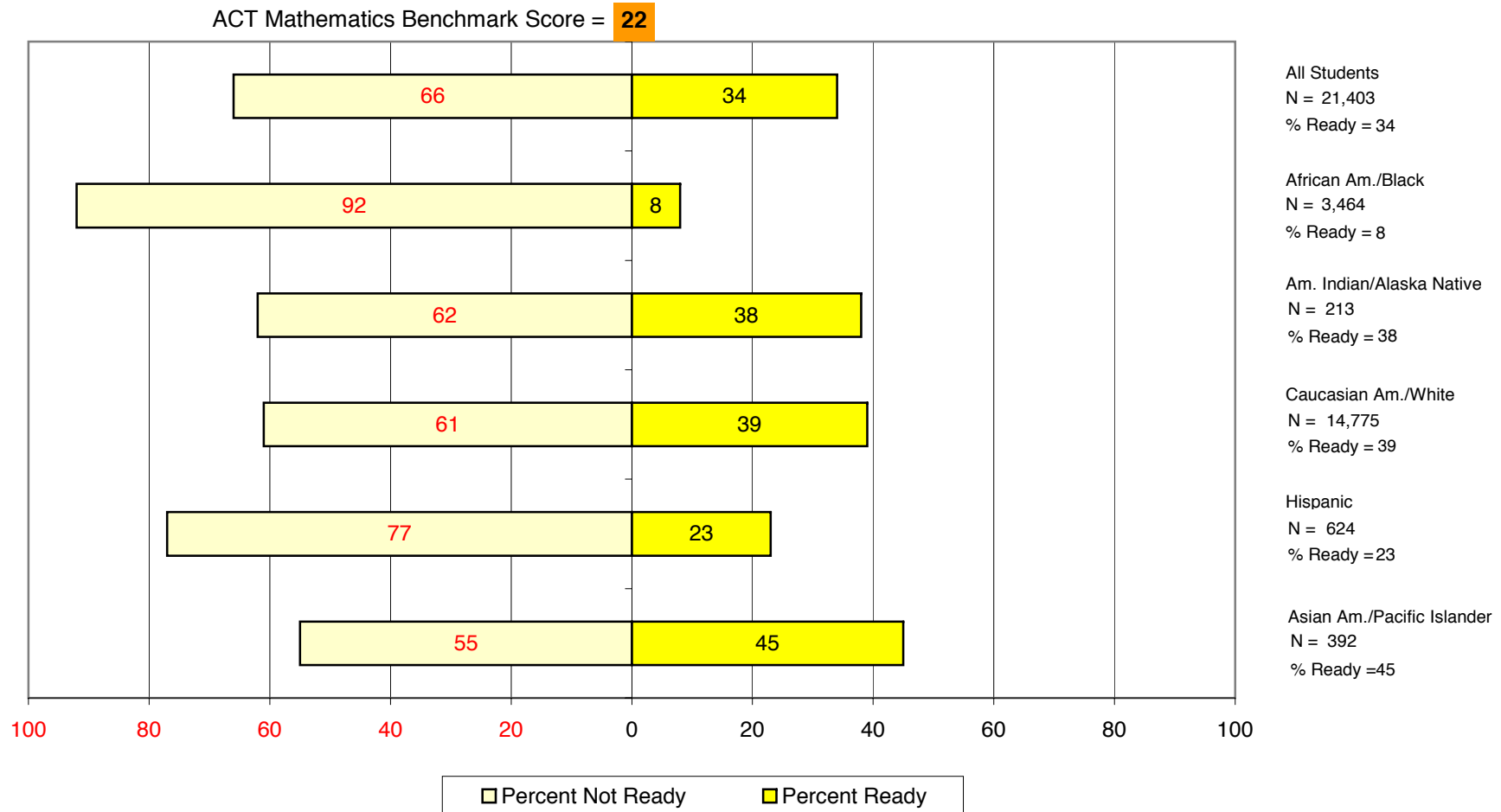


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

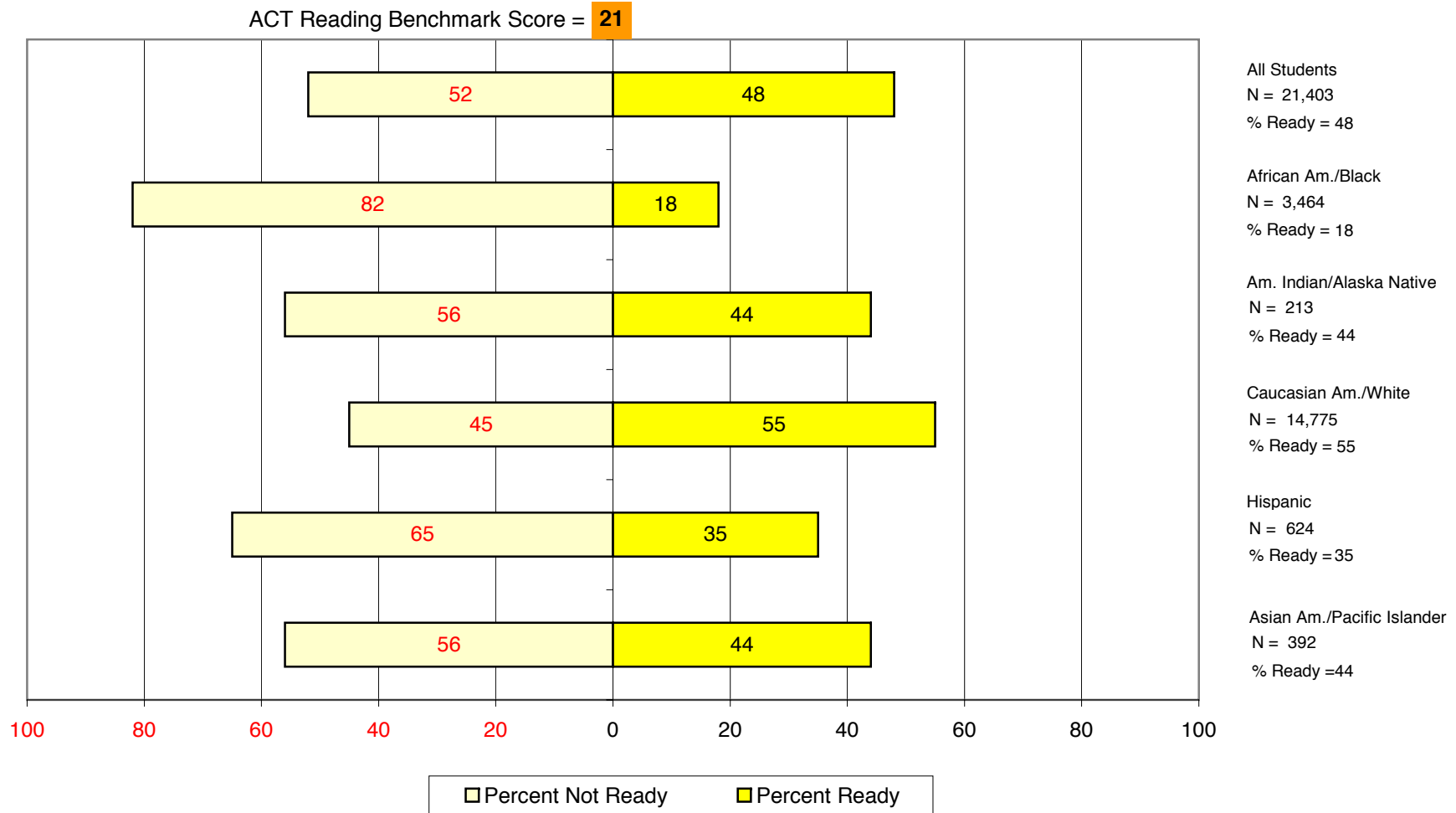


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

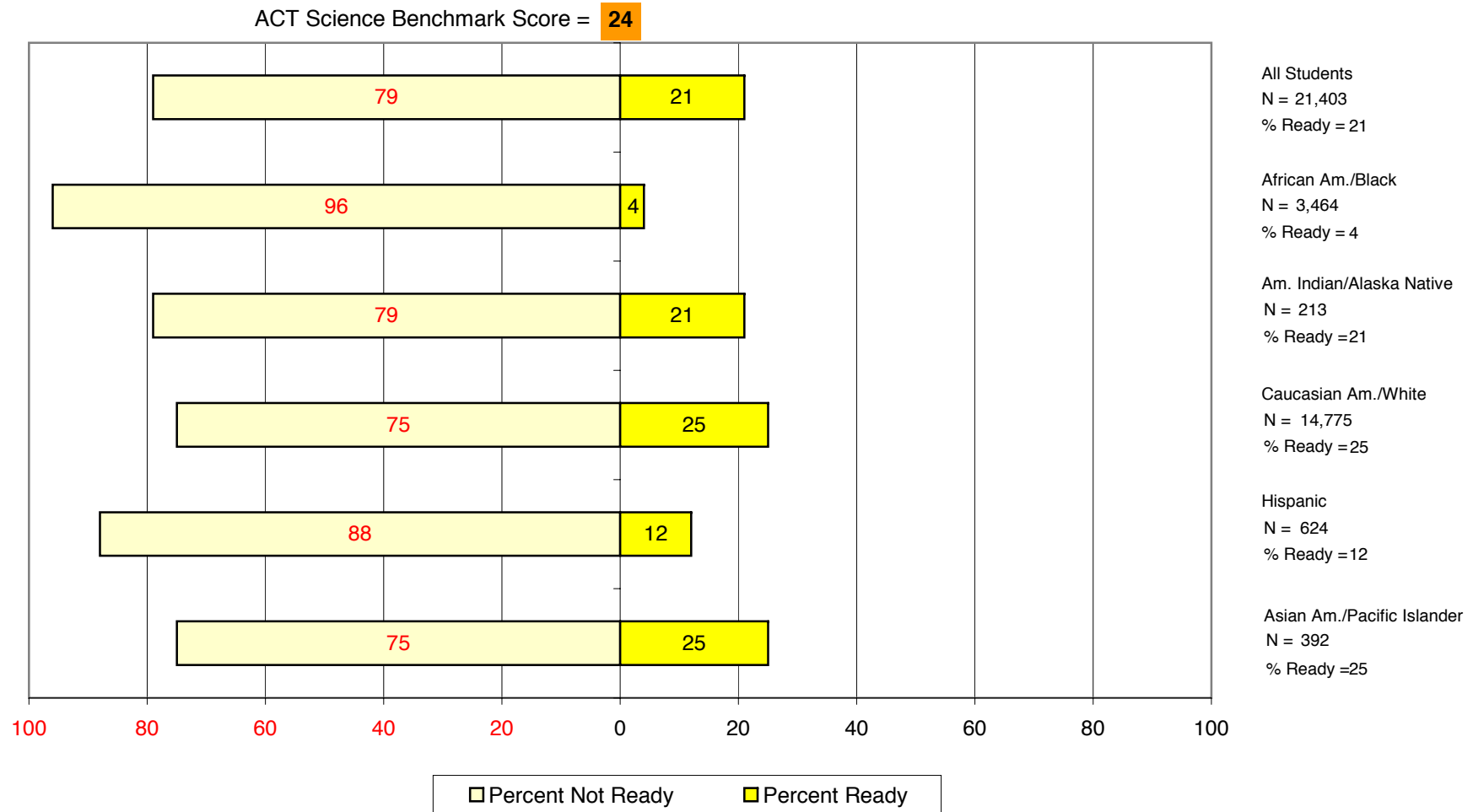


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

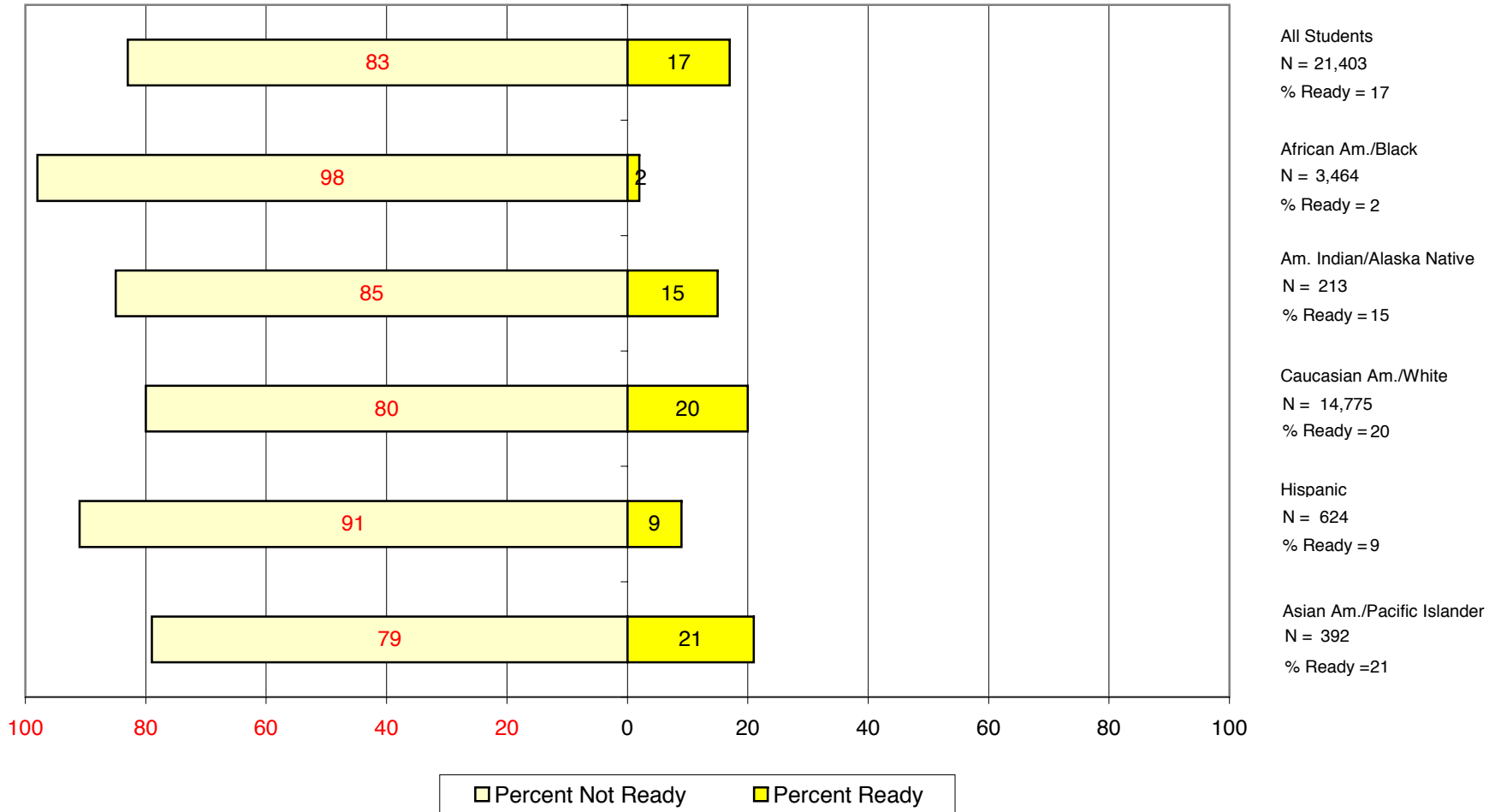


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	3,879	18	22.9	3.3	1,514	16	22.5	3.0	2,329	20	23.2	3.6
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	13,008	61	19.9	0.3	5,672	61	19.6	0.1	7,132	62	20.1	0.5
Less than 4 years of English	1,486	7	19.6	-	701	8	19.5	-	729	6	19.6	-
No English course/grade information reported	3,030	14	20.9	-	1,341	15	20.2	-	1,224	11	21.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,300	6	23.5	6.5	581	6	24.5	7.1	700	6	22.6	6.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,773	8	21.8	4.8	629	7	22.5	5.1	1,126	10	21.4	4.9
Alg 1, Alg 2, Geom, & Trig	1,912	9	20.2	3.2	808	9	20.9	3.5	1,076	9	19.7	3.2
Alg 1, Alg 2, Geom, & Other Adv Math	3,919	18	19.1	2.1	1,419	15	19.6	2.2	2,454	21	18.7	2.2
Other comb of 4 or more years of Math	3,555	17	22.7	5.7	1,691	18	23.4	6.0	1,811	16	22.1	5.6
Alg 1, Alg 2, & Geom (Min. Core)	3,541	17	17.1	0.1	1,633	18	17.4	0.0	1,843	16	16.8	0.3
Other comb of 3 or 3.5 years of Math	549	3	18.8	1.8	277	3	19.4	2.0	269	2	18.1	1.6
Less than 3 years of Math	1,745	8	17.0	-	807	9	17.4	-	882	8	16.5	-
No Math course/grade information reported	3,109	15	20.1	-	1,383	15	20.4	-	1,253	11	19.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,254	6	21.9	2.5	634	7	22.0	2.5	602	5	21.8	2.6
Other comb of 4 or more years Social Science	6,541	31	21.8	2.4	2,664	29	21.6	2.1	3,801	33	21.9	2.7
US Hist, World Hist, & Am Gov (Min. Core)	3,556	17	19.9	0.5	1,621	18	19.7	0.2	1,882	16	20.1	0.9
Other comb of 3 or 3.5 years of Social Science	5,229	24	20.6	1.2	2,098	23	20.5	1.0	3,050	27	20.7	1.5
Less than 3 years of Social Science	1,662	8	19.4	-	794	9	19.5	-	810	7	19.2	-
No Soc Sci course/grade information reported	3,161	15	21.0	-	1,417	15	20.6	-	1,269	11	21.1	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	5,650	26	21.6	3.9	2,632	29	22.5	4.6	2,938	26	20.8	3.4
Bio, Chem, Phys	515	2	20.4	2.7	219	2	21.1	3.2	282	2	19.8	2.4
Gen Sci ² , Bio, Chem (Min. Core)	8,093	38	20.1	2.4	3,088	33	20.5	2.6	4,907	43	19.9	2.5
Other comb of 3 years of Natural Science	869	4	19.5	1.8	413	4	20.0	2.1	441	4	19.0	1.6
Less than 3 years of Natural Science	3,093	14	17.7	-	1,451	16	17.9	-	1,565	14	17.4	-
No Nat Sci course/grade information reported	3,183	15	20.2	-	1,425	15	20.4	-	1,281	11	19.8	-

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	3,879	18	22.9	82	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	13,008	61	19.9	64	766,001	59	20.5	68
Less than 4 years of English	1,486	7	19.6	64	141,777	11	19.7	64
No English course/grade information reported	3,030	14	20.9	71	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,300	6	23.5	64	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,773	8	21.8	53	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	1,912	9	20.2	37	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	3,919	18	19.1	25	163,562	13	20.4	38
Other comb of 4 or more years of Math	3,555	17	22.7	57	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	3,541	17	17.1	8	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	549	3	18.8	25	57,945	4	20.9	43
Less than 3 years of Math	1,745	8	17.0	11	145,617	11	18.3	21
No Math course/grade information reported	3,109	15	20.1	36	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,254	6	21.9	55	31,985	2	22.7	61
Other comb of 4 or more years Social Science	6,541	31	21.8	54	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	3,556	17	19.9	41	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	5,229	24	20.6	46	333,689	26	21.4	52
Less than 3 years of Social Science	1,662	8	19.4	37	201,605	16	20.6	47
No Soc Sci course/grade information reported	3,161	15	21.0	48	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	5,650	26	21.6	32	333,648	26	22.4	40
Bio, Chem, Phys	515	2	20.4	25	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	8,093	38	20.1	19	353,348	27	20.2	20
Other comb of 3 years of Natural Science	869	4	19.5	18	32,593	3	20.4	24
Less than 3 years of Natural Science	3,093	14	17.7	8	247,312	19	19.1	15
No Nat Sci course/grade information reported	3,183	15	20.2	22	218,401	17	20.9	29

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	487	2	18.8	67	5	16.2	381	2	19.3
Architecture & Environmental Design	334	2	20.6	23	2	17.2	294	2	21.0
Business & Management	1,315	6	20.0	81	6	17.1	1,164	7	20.3
Business & Office	97	0	19.1	12	1	16.8	78	0	19.4
Marketing & Distribution	111	1	19.8	5	0	14.8	102	1	20.2
Communications & Comm. Technologies	378	2	20.7	9	1	14.9	349	2	20.9
Community & Personal Services	503	2	18.2	68	5	16.1	383	2	18.7
Computer & Information Sciences	485	2	21.1	40	3	18.6	401	3	21.5
Cross-Disciplinary Studies	9	0	19.6	0	0	.	9	0	19.6
Education	659	3	19.9	24	2	16.4	592	4	20.2
Teacher Education	652	3	19.6	14	1	17.7	587	4	19.9
Engineering	616	3	21.9	51	4	15.5	547	4	22.6
Engineering-Related Technologies	314	1	21.3	31	2	16.9	267	2	22.0
Foreign Languages	92	0	24.0	3	0	15.7	83	1	24.4
Health Sciences & Allied Health Fields	4,229	20	20.0	286	22	16.9	3,739	24	20.3
Human, Family & Consumer Science	195	1	18.3	34	3	16.8	144	1	18.7
Letters	103	0	24.0	3	0	17.0	97	1	24.3
Mathematics	72	0	23.8	3	0	19.0	67	0	24.1
Philosophy, Religion & Theology	142	1	22.0	4	0	20.0	128	1	22.2
Sciences (Biological & Physical)	665	3	23.4	10	1	18.0	628	4	23.6
Social Sciences	983	5	21.5	14	1	15.6	919	6	21.7
Trade & Industrial	224	1	18.2	113	9	17.4	96	1	19.1
Visual & Performing Arts	958	4	20.5	82	6	17.3	798	5	21.1
Undecided	2,697	13	20.4	204	16	16.4	2,267	15	20.9
No Response	5,083	24	20.8	109	8	16.3	1,492	10	21.2

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	296	16.7	50	15.3	3	14.3	223	17.0	12	16.8	1	27.0	7	16.7
2-yr College Degree	994	16.8	203	14.1	15	17.5	651	17.8	48	15.5	25	16.0	52	16.1
Bachelors Degree	7,544	19.7	1,159	16.1	67	19.2	5,608	20.5	190	18.3	124	18.8	396	19.5
Graduate Study	2,639	22.3	333	17.9	26	20.8	1,993	23.0	63	20.5	56	23.8	168	22.5
Prof. Level Degree	5,429	21.8	1,032	17.9	70	22.6	3,702	22.9	179	20.0	123	23.2	323	21.9
Other	812	17.8	249	15.6	10	17.4	454	19.0	34	17.6	22	17.8	43	18.9
No Response	3,689	20.8	438	16.2	22	22.1	2,144	21.5	98	18.5	41	22.2	946	21.5

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	7,659	2,969	4,690	1	7	25	31	23	11	1
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	7,355	2,128	5,227	2	10	29	31	20	8	0
ARKANSAS STATE UNIVERSITY	Arkansas	4,167	1,673	2,494	2	12	32	30	17	6	0
ARKANSAS TECH UNIVERSITY	Arkansas	3,784	1,294	2,490	2	9	29	32	20	7	0
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	2,848	689	2,159	2	16	34	28	15	5	0
HENDERSON STATE UNIVERSITY	Arkansas	2,085	645	1,440	3	15	33	30	15	4	0
UNIV OF ARKANSAS-FORT SMITH	Arkansas	1,802	655	1,147	2	11	33	32	16	6	0
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,178	380	798	3	19	38	27	11	2	0
HENDRIX COLLEGE	Arkansas	1,146	210	936	1	6	18	24	27	21	3
OUACHITA BAPTIST UNIVERSITY	Arkansas	1,042	237	805	1	9	23	32	23	11	1
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	988	344	644	4	19	39	25	10	2	0
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	970	436	534	3	11	35	34	14	3	0
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	906	255	651	10	37	40	10	2	1	0
HARDING UNIVERSITY	Arkansas	846	235	611	1	7	26	33	21	11	1
PULASKI TECHNICAL COLLEGE	Arkansas	737	220	517	5	24	41	24	6	1	0
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	725	260	465	2	12	35	35	12	3	0
LYON COLLEGE	Arkansas	692	139	553	0	4	18	34	33	9	2
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	571	45	526	1	10	34	29	19	6	1
UNIVERSITY OF THE OZARKS	Arkansas	556	94	462	3	13	35	27	18	4	0
WILLIAMS BAPTIST COLLEGE	Arkansas	507	108	399	2	11	33	33	16	5	0
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	477	144	333	1	16	44	27	11	1	0
JOHN BROWN UNIVERSITY	Arkansas	437	113	324	2	5	21	32	26	12	1
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	337	121	216	4	13	36	31	12	4	1
CENTRAL BAPTIST COLLEGE	Arkansas	329	61	268	4	11	42	26	13	5	0
NORTH ARKANSAS COLLEGE	Arkansas	321	134	187	1	13	41	32	11	2	0
ARKANSAS STATE UNIVERSITY-MOUNTAIN HOME	Arkansas	306	124	182	2	12	38	34	12	3	0
NATIONAL PARK COMMUNITY COLLEGE	Arkansas	301	114	187	5	18	42	27	7	1	0
UNIVERSITY OF MEMPHIS	Tennessee	297	55	242	3	24	36	23	9	4	0
MISSOURI STATE UNIVERSITY	Missouri	286	52	234	0	5	19	34	28	15	0
BAPTIST HLTH SCH OF NURSING/ALLIED HLTH	Arkansas	274	55	219	5	19	45	24	6	0	0
All Other Institutions		17,974	4,133	13,841	3	14	28	25	17	11	2
Total		61,903	18,122	43,781	2	12	30	29	18	8	1

Section V

Optional Writing Test Results

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	2,141	532,943	23.9	22.3	7.3	7.6	22.7	21.8
African Am./Black	263	50,340	17.9	17.2	6.4	6.7	17.5	17.3
Am. Indian/Alaska Native	24	3,462	24.4	19.8	7.0	7.0	22.7	19.4
Caucasian Am./White	1,478	308,578	25.1	23.4	7.4	7.6	23.7	22.6
Hispanic	72	42,588	21.1	18.8	7.6	7.3	20.9	19.0
Asian Am./Pacific Islander	63	25,616	26.5	23.2	8.0	8.0	25.3	22.8
Other/No Response	241	102,359	23.5	23.2	7.2	7.8	22.4	22.7
Males	860	204,427	23.9	22.0	7.1	7.3	22.4	21.3
Females	1,194	285,556	24.0	22.5	7.5	7.7	23.0	22.1
Missing	87	42,960	23.7	23.0	7.3	7.8	22.5	22.6

