

ACT Profile Report - State

Graduating Class 2012
Arkansas



ACT, INC. -- CONFIDENTIAL



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This report provides information about the performance of your 2012 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 2012 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

19% 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: 26,058 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. 81% 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 3% of the cohort took less than three years of math courses. Of these students, 6% were college ready. 11% 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 10% of the cohort took less than three years of natural science courses. 6% 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 54% 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 512-320-1850.

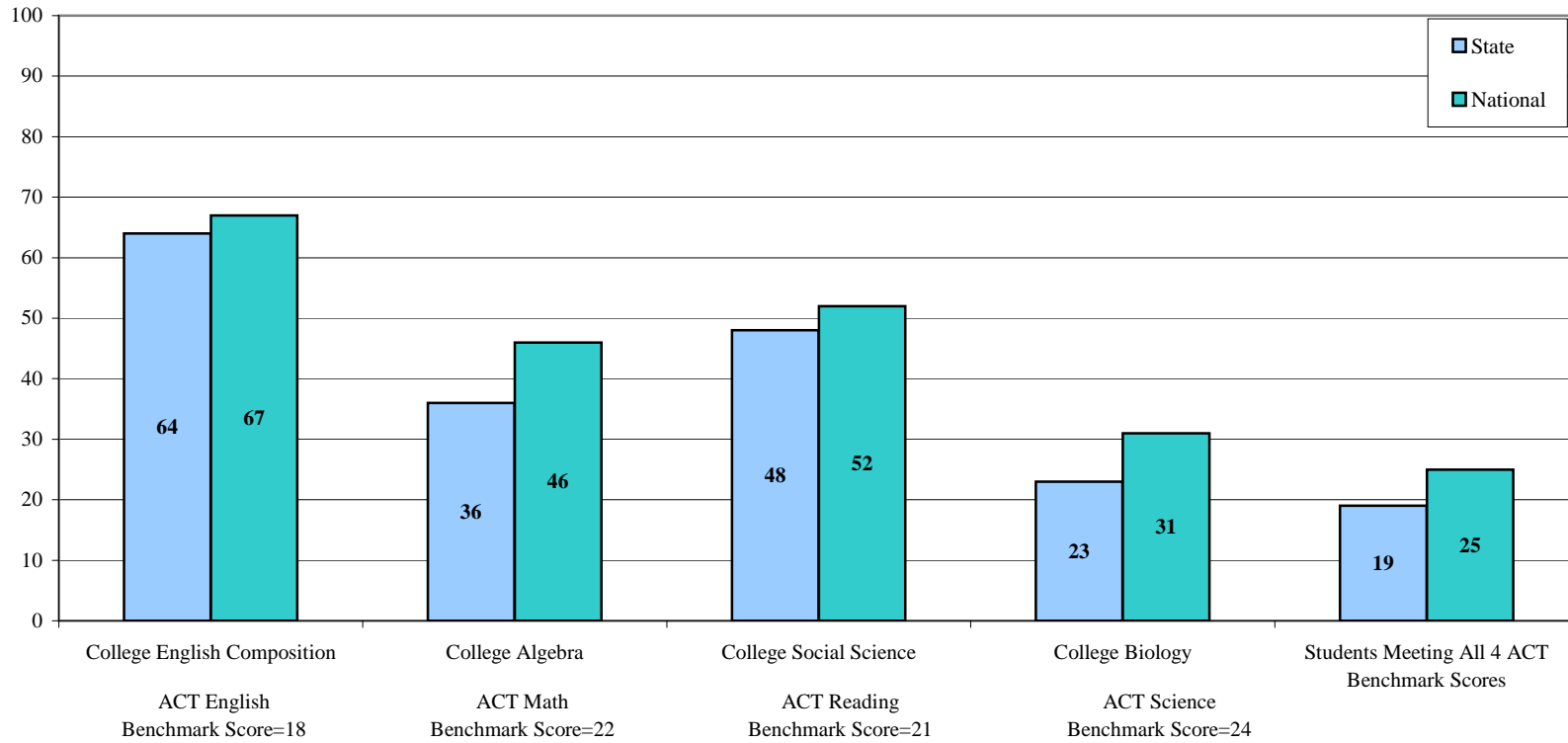
Section I

Executive Summary

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 26,058

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: 26,058

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
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
2011	27,020	1,623,112	61	66	33	45	44	52	21	30	17	25
2012	26,058	1,666,017	64	67	36	46	48	52	23	31	19	25

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
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
2011	27,020	1,623,112	19.6	20.6	19.7	21.1	20.2	21.3	19.8	20.9	19.9	21.1
2012	26,058	1,666,017	20.0	20.5	20.0	21.1	20.6	21.3	20.1	20.9	20.3	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1

Total Students in Report: 26,058

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
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
2011	20,015	5,275	74	20	20.9	15.8	20.5	17.1	21.2	17.1	20.7	17.0	21.0	16.9
2012	21,175	4,155	81	16	21.0	16.2	20.6	17.3	21.3	17.6	20.7	17.5	21.0	17.3

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.

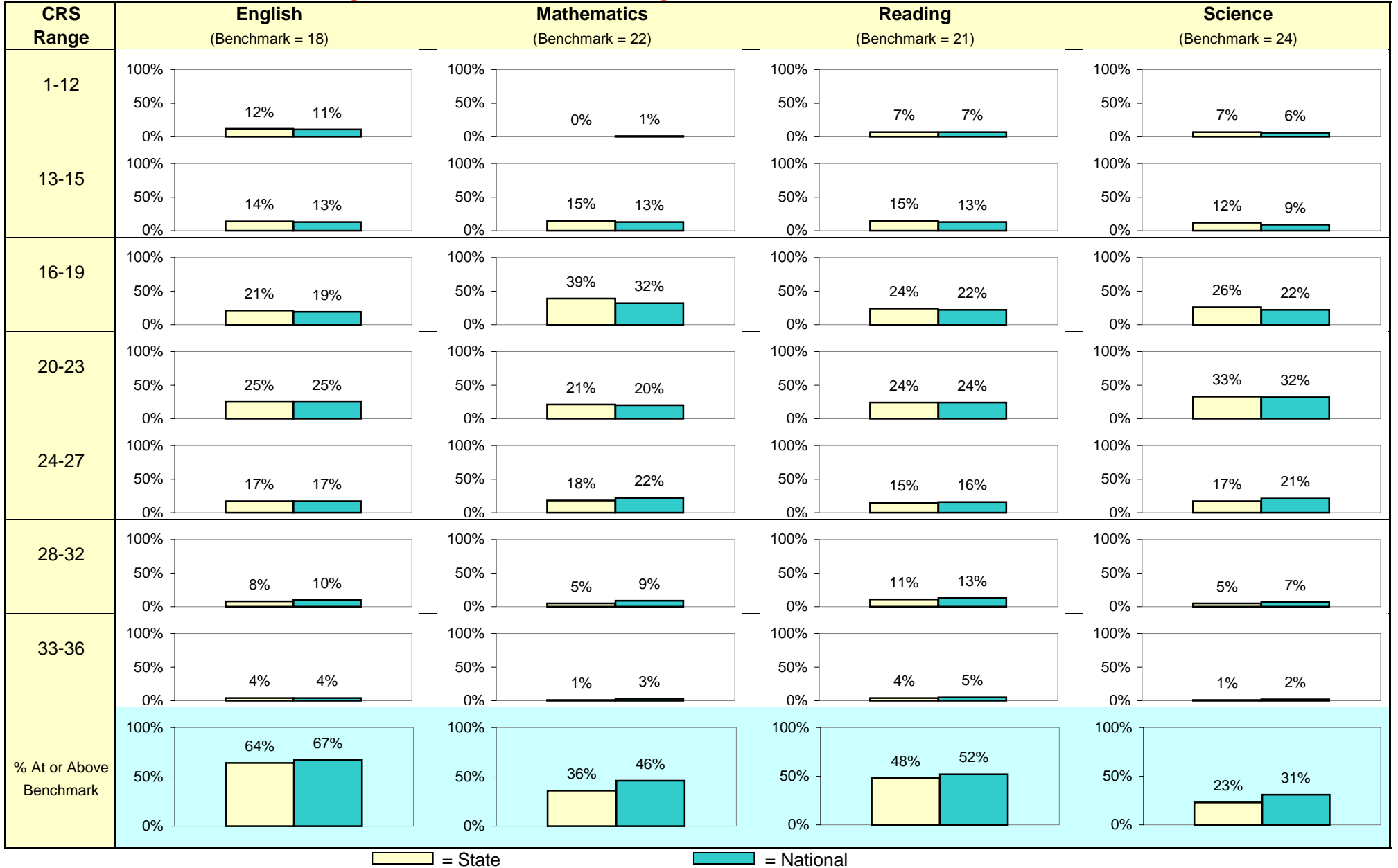
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	22,545	100	20.6	22,523	100	20.6	24,578	100	20.3	27,020	100	19.9	26,058	100	20.3
Black/African American	3,722	17	17.0	3,922	17	16.7	4,415	18	16.6	4,880	18	16.6	4,677	18	16.9
American Indian/Alaska Native	240	1	21.1	239	1	20.9	269	1	20.6	274	1	19.8	178	1	19.7
White	15,982	71	21.5	15,968	71	21.6	17,027	69	21.4	17,526	65	21.1	17,282	66	21.4
Hispanic/Latino	768	3	19.1	885	4	18.8	1,116	5	18.6	1,666	6	18.5	1,776	7	18.7
Asian	450	2	21.9	409	2	22.0	462	2	22.0	492	2	21.4	433	2	21.3
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	19	0	19.3	28	0	18.9
Two or more races	315	1	20.9	304	1	21.5	367	1	20.3	601	2	20.6	758	3	20.7
Prefer not to respond/No response	1,068	5	21.0	796	4	20.9	922	4	19.4	1,562	6	18.1	926	4	19.3

¹Refer to the section header on page 5 for a description of race/ethnicity changes.

Total Students in Report: 26,058

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



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Section II

Academic Achievement

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 26,058

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	49	100	25	100	117	100	50	100	6	100	36
35	311	100	50	100	205	100	70	100	28	100	35
34	285	99	68	100	261	99	96	100	81	100	34
33	292	98	104	99	384	98	98	99	133	100	33
32	358	96	156	99	462	96	91	99	216	99	32
31	367	95	154	98	544	95	181	98	251	98	31
30	505	94	178	98	558	92	231	98	424	97	30
29	443	92	387	97	609	90	294	97	512	96	29
28	493	90	495	96	652	88	515	96	621	94	28
27	882	88	704	94	770	85	664	94	801	91	27
26	805	85	1,097	91	750	82	835	91	986	88	26
25	1,061	82	1,271	87	859	80	1,117	88	1,154	84	25
24	1,552	78	1,686	82	1,645	76	1,842	84	1,386	80	24
23	1,318	72	1,670	76	1,175	70	1,794	77	1,562	75	23
22	1,586	67	1,422	69	1,429	65	1,707	70	1,672	69	22
21	1,899	60	957	64	1,984	60	2,436	63	1,900	62	21
20	1,652	53	1,474	60	1,539	52	2,655	54	2,042	55	20
19	1,603	47	1,645	54	1,492	46	1,741	44	2,109	47	19
18	1,246	41	2,082	48	2,042	41	2,252	37	1,951	39	18
17	1,140	36	2,732	40	1,424	33	1,434	28	1,868	32	17
16	1,495	32	3,817	30	1,375	27	1,257	23	1,749	24	16
15	1,567	26	2,490	15	1,514	22	1,128	18	1,557	18	15
14	1,232	20	919	5	1,478	16	906	14	1,280	12	14
13	745	15	392	2	1,001	11	967	10	946	7	13
12	722	12	49	1	970	7	652	7	575	3	12
11	776	9	27	1	459	3	467	4	199	1	11
10	723	6	6	1	201	1	371	2	41	1	10
9	388	4	0	1	82	1	144	1	6	1	9
8	386	2	0	1	34	1	42	1	0	1	8
7	131	1	0	1	29	1	13	1	1	1	7
6	32	1	1	1	6	1	7	1	1	1	6
5	10	1	0	1	3	1	0	1	0	1	5
4	4	1	0	1	1	1	0	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	3	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	1
Avg (SD)	20.0 (6.3)		20.0 (4.6)		20.6 (5.9)		20.1 (4.9)		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: 26,058

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/ Sciences		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	717	100	278	100	429	100	553	100	640	100	88	100	110	100	18
17	1,053	97	233	99	961	98	917	98	768	98	67	100	12	100	17
16	972	93	1,348	98	1,382	95	1,191	94	305	95	355	99	362	100	16
15	843	89	1,357	93	1,059	89	1,445	90	1,070	93	535	98	843	98	15
14	1,376	86	1,495	88	1,379	85	1,682	84	1,426	89	1,561	96	1,545	95	14
13	1,106	81	2,162	82	1,987	80	1,827	78	2,597	84	2,567	90	1,572	89	13
12	2,107	77	2,658	74	2,801	72	2,118	71	2,304	74	2,212	80	3,456	83	12
11	2,504	69	2,982	63	2,120	62	2,172	63	2,832	65	3,734	72	2,805	70	11
10	3,083	59	2,431	52	2,679	53	2,379	54	2,309	54	4,334	57	4,078	59	10
9	2,611	47	3,294	43	2,617	43	2,608	45	2,027	45	4,119	41	3,530	43	9
8	2,323	37	2,370	30	2,717	33	2,555	35	3,542	38	3,144	25	3,266	30	8
7	2,214	28	1,767	21	2,998	23	1,952	25	3,544	24	1,466	13	1,849	17	7
6	1,818	20	1,306	14	1,495	11	2,258	18	1,550	10	808	7	1,500	10	6
5	1,340	13	1,143	9	759	6	1,290	9	768	4	686	4	341	4	5
4	1,043	8	844	5	438	3	688	4	244	1	103	1	512	3	4
3	676	4	312	1	160	1	320	2	95	1	207	1	101	1	3
2	259	1	74	1	63	1	96	1	30	1	7	1	114	1	2
1	13	1	4	1	14	1	7	1	7	1	65	1	62	1	1
Avg (SD)	9.9 (3.8)		10.3 (3.4)		10.5 (3.5)		10.3 (3.7)		10.2 (3.3)		10.1 (2.6)		10.0 (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	24	23	24
Q2 (50th Percentile)	20	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	17

Total Students in Report: 26,058

Table 2.4. Average ACT Composite Scores for Race/Ethnicity¹ by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	26,058	81	21.0	17.3
	Black/African American	4,677	74	17.5	15.2
	American Indian/Alaska Native	178	79	20.5	16.4
	White	17,282	84	22.0	18.2
	Hispanic/Latino	1,776	79	19.2	16.8
	Asian	433	83	22.1	18.0
	Native Hawaiian/Other Pac. Isl.	28	82	19.5	16.0
	Two or more races	758	82	21.4	17.9
	Prefer not/No Response	926	62	20.8	17.0
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

¹Refer to the section header on page 11 for a description of race/ethnicity changes.

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.

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.0	20.0	20.6	20.1	20.3
	Black/African American	16.0	17.1	16.8	17.0	16.9
	American Indian/Alaska Native	19.1	19.4	20.3	19.7	19.7
	White	21.4	20.8	21.8	21.0	21.4
	Hispanic/Latino	17.7	18.9	19.0	18.8	18.7
	Asian	20.4	22.6	20.5	21.2	21.3
	Native Hawaiian/Other Pac. Isl.	18.4	18.9	19.0	18.9	18.9
	Two or more races	20.6	20.2	21.1	20.4	20.7
	Prefer not/No Response	18.8	19.1	19.8	19.1	19.3
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

¹Refer to the section header on page 11 for a description of race/ethnicity changes.

Total Students in Report: 26,058

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	937	4	247	1	967	4	314	1
	28 to 32	2,166	8	1,370	5	2,825	11	1,312	5
	24 to 27	4,300	17	4,758	18	4,024	15	4,458	17
	20 to 23	6,455	25	5,523	21	6,127	24	8,592	33
	16 to 19	5,484	21	10,276	39	6,333	24	6,684	26
	13 to 15	3,544	14	3,801	15	3,993	15	3,001	12
	01 to 12	3,172	12	83	0	1,789	7	1,697	7
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	11,960	46	19.6	20.4	20.5	20.5	20.4
	Females	13,783	53	20.4	19.6	20.8	19.7	20.3
	Missing	315	1	16.6	17.7	18.4	17.6	17.7
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	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	61	40	47	28	22
	Females	67	34	49	20	16
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 26,058

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	21,175	71	21.0	42	20.6	53	21.3	27	20.7	22	21.0
	Less than Core	4,155	37	16.2	14	17.3	25	17.6	8	17.5	5	17.3
	Missing ³	728	29	14.9	11	16.8	19	16.5	7	16.5	5	16.3
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

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	24,663	66	20.3	24,559	38	20.2	23,897	50	20.9	22,807	26	20.5
	Less than Core	789	37	16.0	833	6	16.2	1,522	25	17.6	2,613	6	16.9
	Missing ³	606	32	15.3	666	11	16.9	639	21	16.8	638	7	16.7
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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.

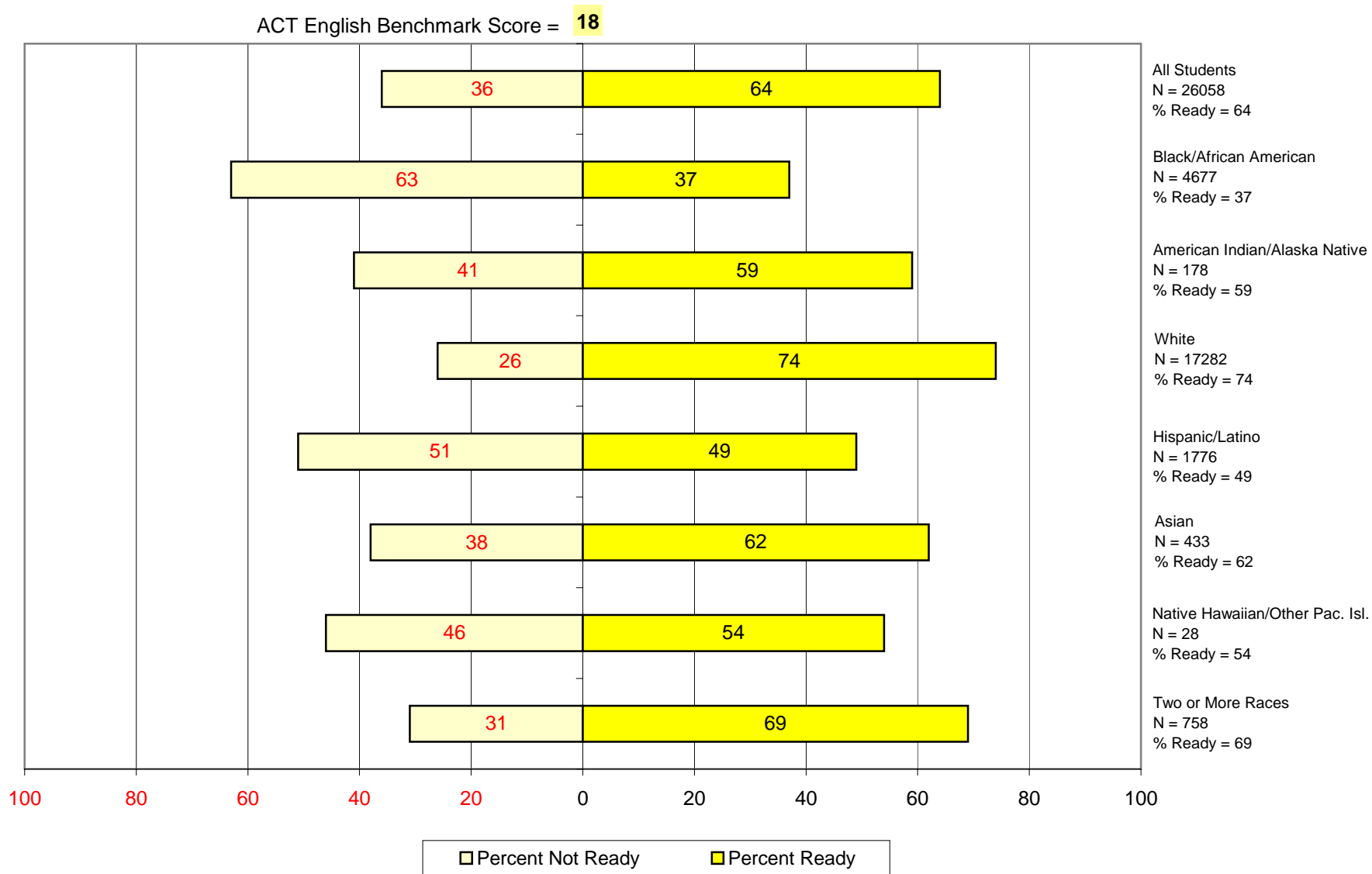
Section III

College Readiness and the Impact of Course Rigor

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 26,058

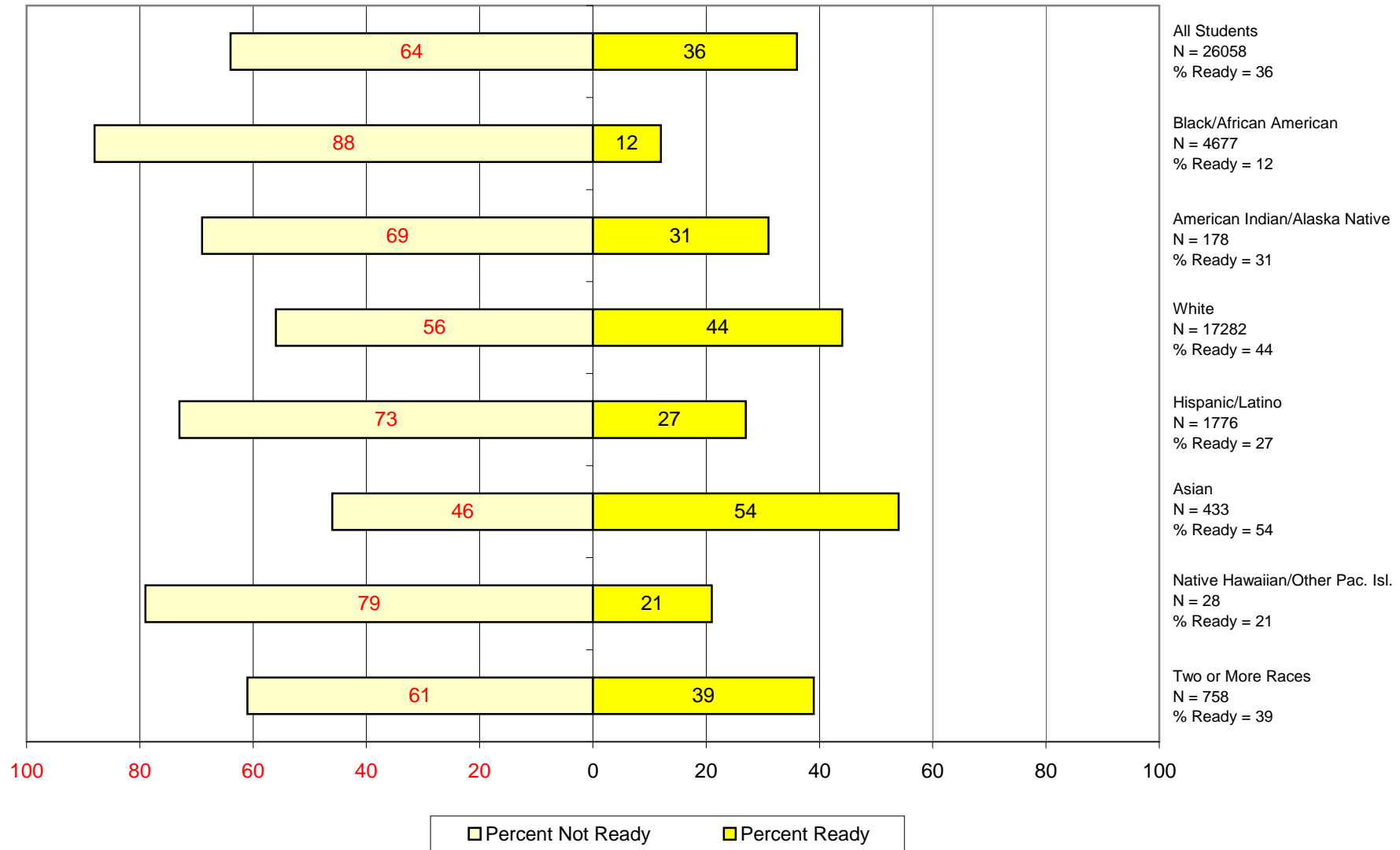
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

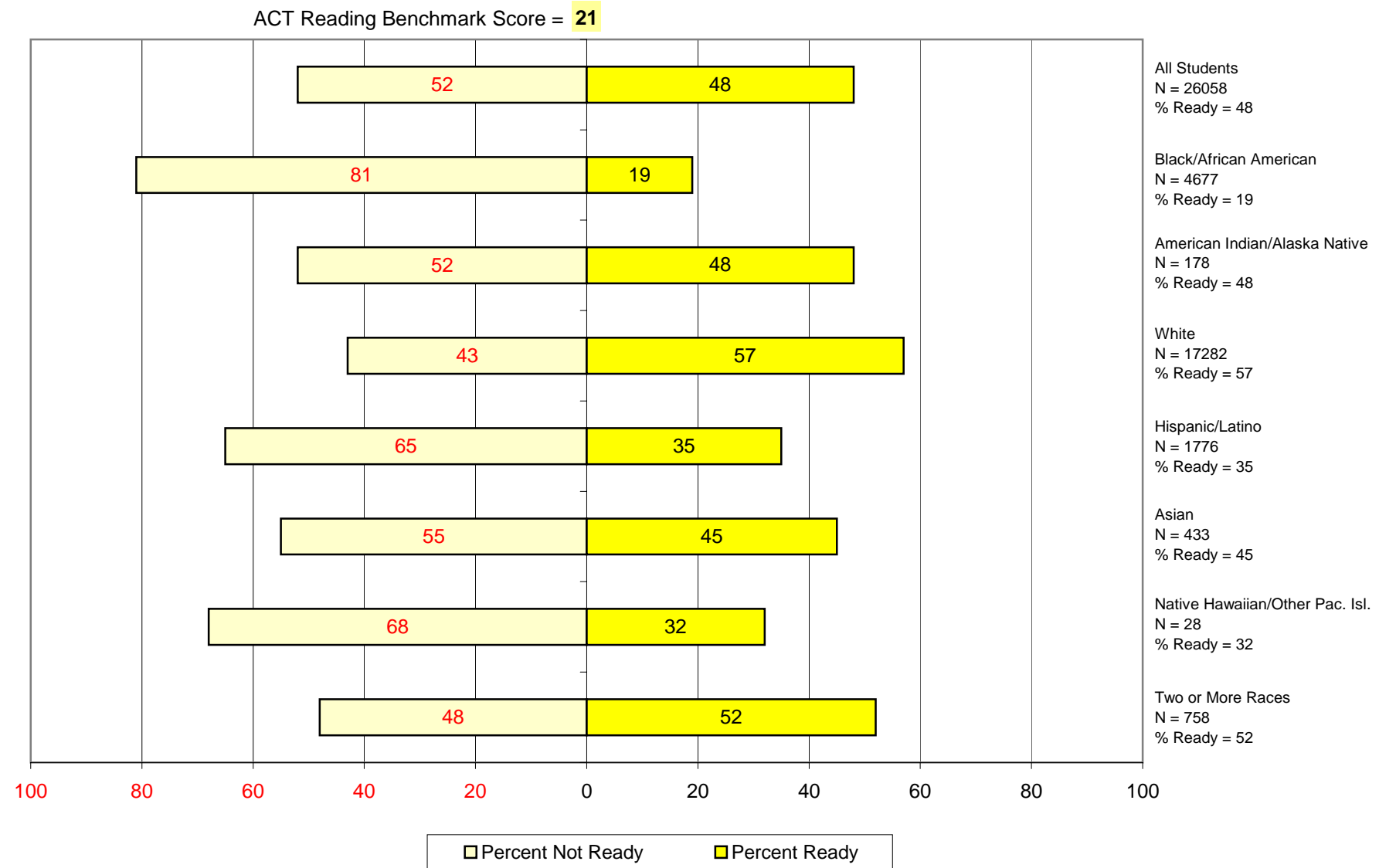
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

ACT Mathematics Benchmark Score = **22**



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING

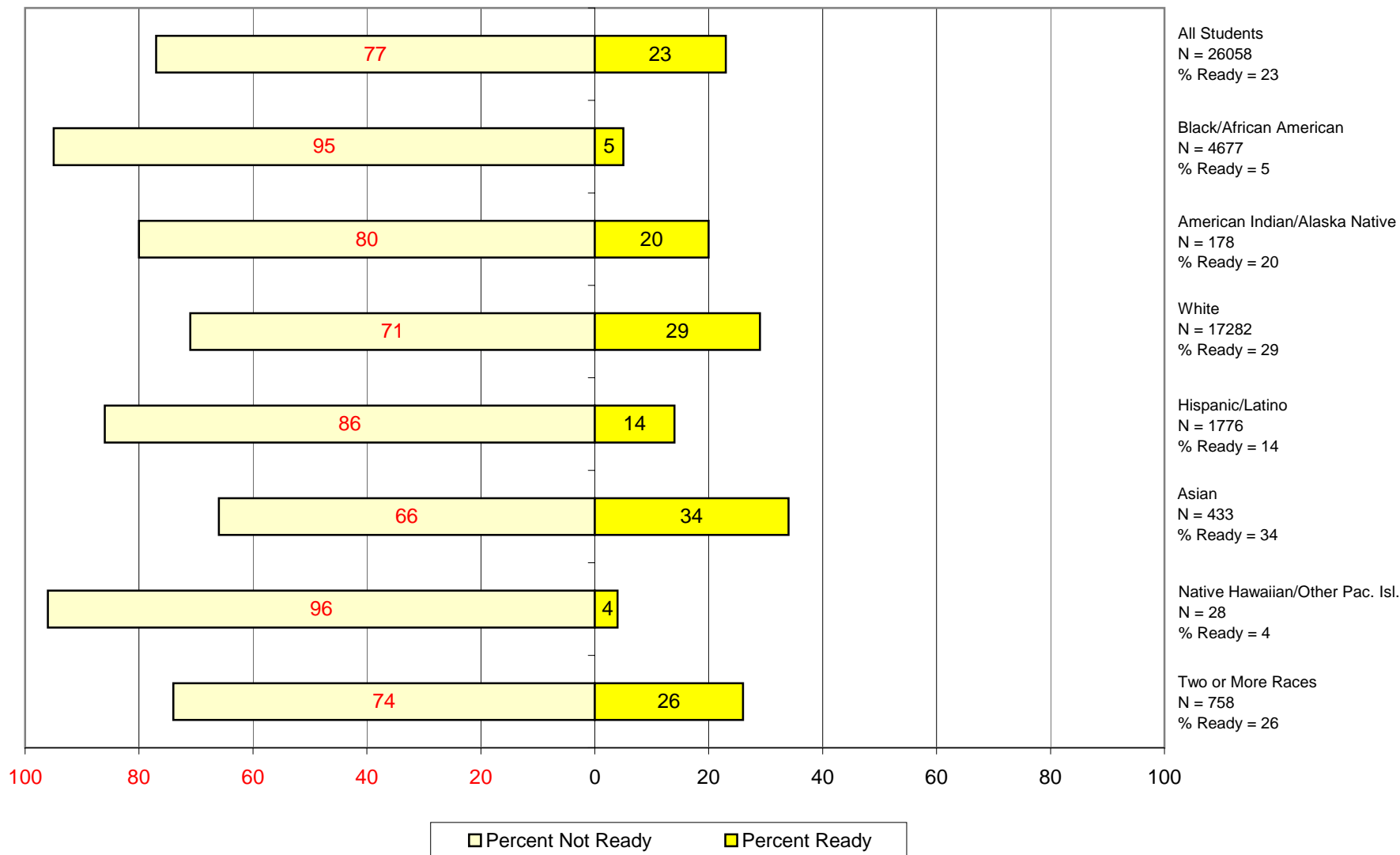


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 26,058

Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE

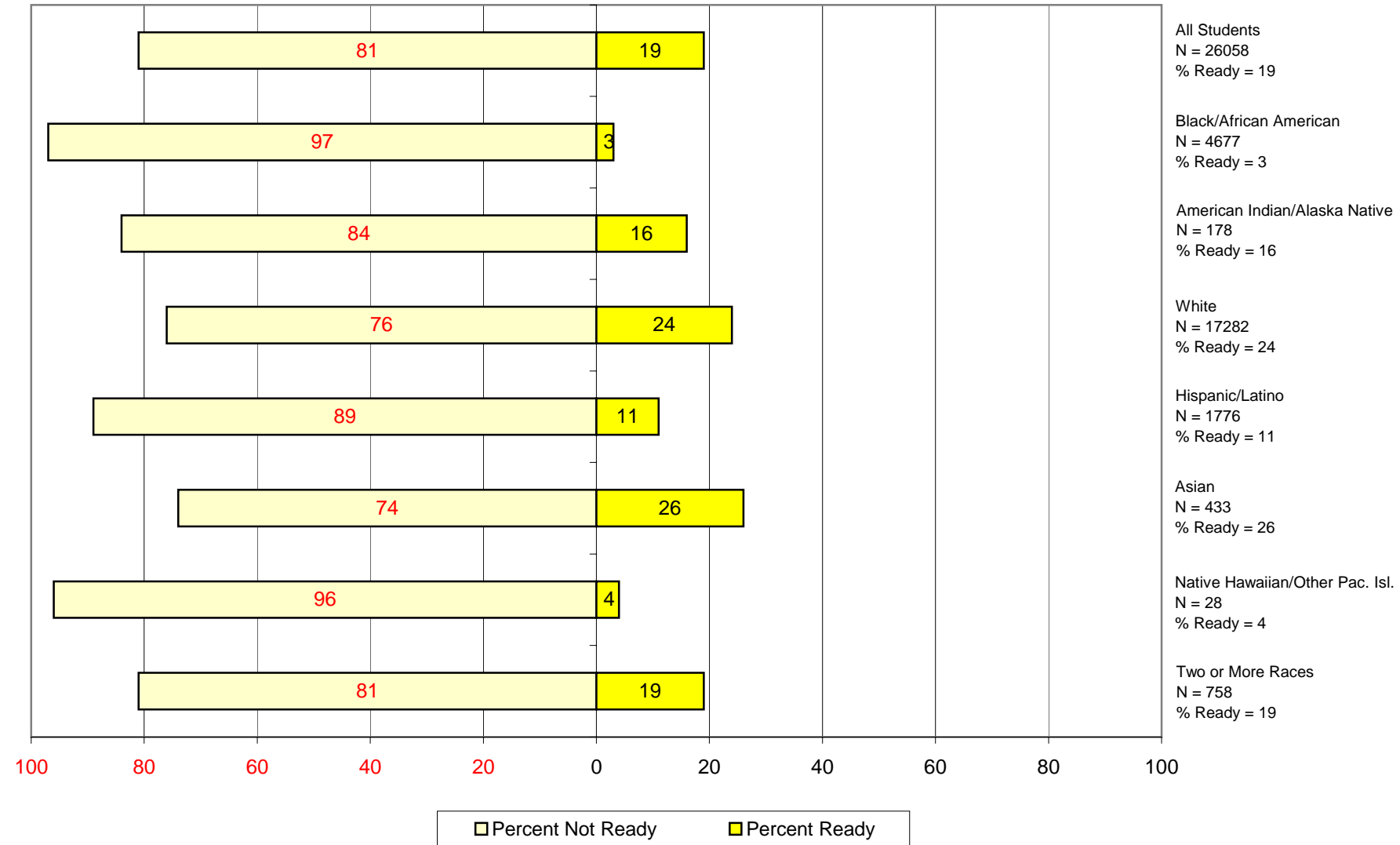
ACT Science Benchmark Score = **24**



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 26,058

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ALL FOUR



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 26,058

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	5,557	21	21.4	5.4	2,411	20	20.8	5.5	3,139	23	21.8	5.2
Eng 9, Eng 10, Eng 11, Eng 12	19,106	73	20.0	4.0	8,864	74	19.7	4.4	10,105	73	20.3	3.7
Less than 4 years of English	789	3	16.0	-	368	3	15.3	-	352	3	16.6	-
Zero years / no English courses reported	606	2	15.3	-	317	3	15.0	-	187	1	15.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,427	5	22.6	6.4	649	5	23.6	7.1	774	6	21.8	5.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,612	10	21.8	5.6	1,039	9	22.2	5.7	1,559	11	21.5	5.6
Alg 1, Alg 2, Geom, & Trig	1,543	6	19.4	3.2	708	6	19.9	3.4	809	6	18.9	3.0
Alg 1, Alg 2, Geom, & Other Adv Math	7,336	28	18.7	2.5	2,998	25	19.0	2.5	4,299	31	18.6	2.7
Other comb of 4 or more years of Math	7,994	31	22.0	5.8	3,974	33	22.6	6.1	3,995	29	21.5	5.6
Alg 1, Alg 2, & Geom	2,808	11	16.8	0.6	1,368	11	17.0	0.5	1,378	10	16.6	0.7
Other comb of 3 or 3.5 years of Math	839	3	18.3	2.1	422	4	18.9	2.4	400	3	17.7	1.8
Less than 3 years of Math	833	3	16.2	-	451	4	16.5	-	357	3	15.9	-
Zero years / no Math courses reported	666	3	16.9	-	351	3	17.0	-	212	2	16.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,514	6	21.4	3.8	771	6	21.3	3.8	733	5	21.7	3.9
Other comb of 4 or more years Social Science	10,479	40	21.6	4.0	4,804	40	21.6	4.1	5,626	41	21.7	3.9
US Hist, World Hist, & Am Gov	5,477	21	19.8	2.2	2,582	22	19.7	2.2	2,844	21	19.9	2.1
Other comb of 3 or 3.5 years of Social Science	6,427	25	20.5	2.9	2,727	23	20.5	3.0	3,649	26	20.6	2.8
Less than 3 years of Social Science	1,522	6	17.6	-	742	6	17.5	-	730	5	17.8	-
Zero years / no Social Science courses reported	639	2	16.8	-	334	3	16.4	-	201	1	16.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	9,170	35	21.2	4.3	4,605	39	22.0	5.0	4,522	33	20.5	3.6
Bio, Chem, Phys	538	2	22.9	6.0	252	2	23.7	6.7	283	2	22.2	5.3
Gen Sci ² , Bio, Chem	11,760	45	20.0	3.1	4,731	40	20.2	3.2	6,926	50	19.8	2.9
Other comb of 3 years of Natural Science	1,339	5	19.5	2.6	720	6	20.0	3.0	601	4	19.0	2.1
Less than 3 years of Natural Science	2,613	10	16.9	-	1,319	11	17.0	-	1,247	9	16.9	-
Zero years / no Natural Science courses reported	638	2	16.7	-	333	3	16.7	-	204	1	16.5	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 26,058

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	5,557	21	21.4	73	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	19,106	73	20.0	64	1,178,400	71	20.5	67
Less than 4 years of English	789	3	16.0	37	64,748	4	16.5	41
Zero years / no English courses reported	606	2	15.3	32	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,427	5	22.6	59	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,612	10	21.8	55	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	1,543	6	19.4	32	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	7,336	28	18.7	24	279,658	17	19.9	36
Other comb of 4 or more years of Math	7,994	31	22.0	55	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	2,808	11	16.8	8	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	839	3	18.3	21	82,509	5	19.9	35
Less than 3 years of Math	833	3	16.2	6	69,741	4	16.6	8
Zero years / no Math courses reported	666	3	16.9	11	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,514	6	21.4	53	47,179	3	22.3	59
Other comb of 4 or more years Social Science	10,479	40	21.6	55	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	5,477	21	19.8	41	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	6,427	25	20.5	47	452,172	27	21.2	51
Less than 3 years of Social Science	1,522	6	17.6	25	149,266	9	19.7	40
Zero years / no Social Science courses reported	639	2	16.8	21	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	9,170	35	21.2	32	740,499	44	21.9	39
Bio, Chem, Phys	538	2	22.9	49	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	11,760	45	20.0	21	466,992	28	20.0	22
Other comb of 3 years of Natural Science	1,339	5	19.5	20	45,992	3	19.5	20
Less than 3 years of Natural Science	2,613	10	16.9	6	194,661	12	18.4	13
Zero years / no Natural Science courses reported	638	2	16.7	7	46,139	3	17.9	14

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

Total Students in Report: 26,058

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

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	773	3	19.0	112	6	16.7	625	3	19.5
Architecture	334	1	21.0	16	1	16.2	305	1	21.3
Area, Ethnic, & Multidisciplinary Studies	33	0	21.7	3	0	14.0	27	0	22.7
Arts: Visual & Performing	1,925	7	20.2	156	8	16.6	1,655	8	20.7
Business	1,995	8	19.8	197	10	16.5	1,721	8	20.2
Communications	331	1	21.0	13	1	16.5	307	1	21.2
Community, Family, & Personal Services	802	3	18.4	141	7	16.5	597	3	18.9
Computer Science & Mathematics	696	3	21.8	55	3	18.2	611	3	22.3
Education	1,975	8	20.1	71	4	16.5	1,834	8	20.3
Engineering	1,288	5	21.8	86	4	16.4	1,142	5	22.4
Engineering Technology & Drafting	487	2	20.5	56	3	16.2	408	2	21.4
English & Foreign Languages	263	1	22.4	5	0	17.0	243	1	22.6
Health Administration & Assisting	954	4	18.1	113	6	16.1	790	4	18.5
Health Sciences & Technologies	5,731	22	20.5	281	14	17.0	5,301	24	20.8
Philosophy, Religion, & Theology	163	1	22.1	1	0	25.0	152	1	22.2
Repair, Production, & Construction	463	2	17.5	219	11	16.7	207	1	18.6
Sciences: Biological & Physical	1,225	5	23.0	17	1	17.8	1,173	5	23.1
Social Sciences & Law	1,629	6	20.8	49	2	15.7	1,521	7	21.1
Undecided	3,878	15	20.8	299	15	16.7	3,239	15	21.3
No Response	1,075	4	16.4	70	4	13.4	136	1	16.5

¹Refer to the section header on page 25 for a description of educational major changes.

²2-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.

³Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 26,058

Table 4.2. Average ACT Composite Scores for Racial/Ethnic¹ Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	593	16.4	133	14.5	8	16.8	349	17.2	45	16.2
2-yr College Degree	1,380	16.6	268	14.5	10	17.1	855	17.3	151	16.4
Bachelors Degree	13,498	19.6	2,520	16.6	82	18.7	9,051	20.7	944	18.4
Graduate Study	2,923	23.0	358	18.6	31	22.0	2,172	23.8	133	21.9
Prof. Level Degree	5,593	22.8	958	18.9	36	22.1	3,716	23.9	329	21.1
Other	541	17.3	106	14.7	1	15.0	314	18.5	61	15.7
No Response	1,530	17.9	334	15.0	10	17.9	825	19.1	113	16.9

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	593	16.4	11	15.9	2	13.5	14	16.7	31	15.9
2-yr College Degree	1,380	16.6	12	15.5	0	.	31	17.5	53	15.9
Bachelors Degree	13,498	19.6	164	19.0	13	18.8	389	20.1	335	18.8
Graduate Study	2,923	23.0	56	23.1	7	20.4	68	22.8	98	22.8
Prof. Level Degree	5,593	22.8	160	24.0	4	20.5	206	22.8	184	22.1
Other	541	17.3	6	18.3	0	.	20	17.1	33	16.8
No Response	1,530	17.9	24	21.1	2	16.5	30	18.2	192	17.9

¹Refer to the section header on page 25 for a description of race/ethnicity changes.

Total Students in Report: 26,058

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	7,220	3,191	4,029	1	6	21	32	25	14	1
UNIVERSITY OF CENTRAL ARKANSAS	Arkansas	6,289	1,940	4,349	1	10	27	31	21	9	1
ARKANSAS STATE UNIVERSITY	Arkansas	4,477	1,689	2,788	2	11	29	31	21	7	0
ARKANSAS TECH UNIVERSITY	Arkansas	3,570	1,275	2,295	2	10	28	31	21	7	0
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	Arkansas	2,054	506	1,548	3	14	30	29	17	6	0
HENDERSON STATE UNIVERSITY	Arkansas	2,016	661	1,355	2	14	31	31	16	5	0
UNIV OF ARKANSAS-FORT SMITH	Arkansas	1,517	566	951	1	9	29	35	20	6	0
SOUTHERN ARKANSAS UNIVERSITY	Arkansas	1,150	359	791	3	18	36	28	11	3	0
UNIV OF ARKANSAS AT MONTICELLO	Arkansas	961	375	586	4	20	37	25	11	3	0
OUACHITA BAPTIST UNIVERSITY	Arkansas	870	232	638	1	6	17	30	27	18	1
HENDRIX COLLEGE	Arkansas	837	170	667	0	5	15	20	29	27	3
HARDING UNIVERSITY	Arkansas	836	294	542	0	5	19	33	28	13	1
ARKANSAS STATE UNIVERSITY-BEEBE	Arkansas	778	360	418	3	15	34	32	14	2	0
UNIV OF ARKANSAS AT PINE BLUFF	Arkansas	650	169	481	8	38	38	14	3	0	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	631	630	1	17	35	28	13	5	1	0
PULASKI TECHNICAL COLLEGE	Arkansas	615	217	398	7	25	38	22	7	1	0
NCAA ELIGIBILITY CENTER	Indiana	590	305	285	2	15	30	29	19	5	1
LYON COLLEGE	Arkansas	539	123	416	1	5	19	30	30	14	2
NORTHWEST ARKANSAS COMMUNITY COLLEGE	Arkansas	536	194	342	1	11	37	33	15	3	0
UNIVERSITY OF THE OZARKS	Arkansas	460	95	365	2	10	29	33	19	7	0
UNIV OF ARKANSAS COMM COLL-MORRILTON	Arkansas	453	150	303	2	17	40	28	11	2	0
JOHN BROWN UNIVERSITY	Arkansas	370	117	253	0	2	19	32	28	18	1
UNIV OF ARKANSAS FOR MEDICAL SCIENCES	Arkansas	368	61	307	1	12	30	31	19	7	0
WILLIAMS BAPTIST COLLEGE	Arkansas	357	84	273	1	11	30	31	21	6	0
OKLAHOMA STATE UNIVERSITY	Oklahoma	344	76	268	1	3	16	31	27	22	1
NORTH ARKANSAS COLLEGE	Arkansas	301	138	163	2	12	33	39	12	2	0
COLLEGE OF THE OZARKS	Missouri	293	106	187	0	6	29	34	22	9	0
CENTRAL BAPTIST COLLEGE	Arkansas	286	64	222	2	14	33	29	15	7	0
BLACK RIVER TECHNICAL COLLEGE	Arkansas	283	116	167	3	17	42	29	8	0	0
UNIV OF ARKANSAS COMM COLL-BATESVILLE	Arkansas	279	110	169	3	20	39	26	10	1	0
All Other Institutions		15,678	4,174	11,504	3	14	24	24	19	13	3
Total		55,608	18,547	37,061	2	12	27	28	20	10	1

Section V

Optional Writing Test Results

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 26,058

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity¹ and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	2,622	931,148	23.0	21.5	6.8	7.1	21.6	20.7
Black/African American	403	113,247	18.0	16.6	6.4	6.2	17.5	16.4
American Indian/Alaska Native	14	5,233	22.4	17.8	6.7	6.5	21.1	17.5
White	1,697	518,974	24.3	23.2	6.8	7.2	22.6	22.1
Hispanic/Latino	209	150,249	20.4	18.5	6.6	6.8	19.6	18.3
Asian	108	53,381	25.1	23.7	7.3	7.6	23.6	22.8
Native Hawaiian/Other Pac. Isl.	1	2,851	32.0	19.9	10.0	7.1	31.0	19.6
Two or more races	120	32,346	22.6	21.9	6.8	7.1	21.4	21.1
Prefer not/No Response	70	54,867	24.8	21.8	7.0	7.1	23.1	21.0
Males	1,122	413,617	23.1	21.2	6.5	6.8	21.4	20.3
Females	1,500	515,745	23.0	21.7	7.0	7.2	21.7	21.1
Missing	0	1,786	.	16.8	.	6.3	.	16.6

¹Refer to the section header on page 29 for a description of race/ethnicity changes.

