

ACT Profile Report - State

Graduating Class 2012
Mississippi



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

11% 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: 28,288 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. 75% 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 4% of the cohort took less than three years of math courses. Of these students, 2% were college ready. 23% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 4% of these students were college ready. In comparison, 28% 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 21% of the cohort took less than three years of natural science courses. 6% of these students were college ready. In comparison, 17% 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 72% 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 404-231-1952.

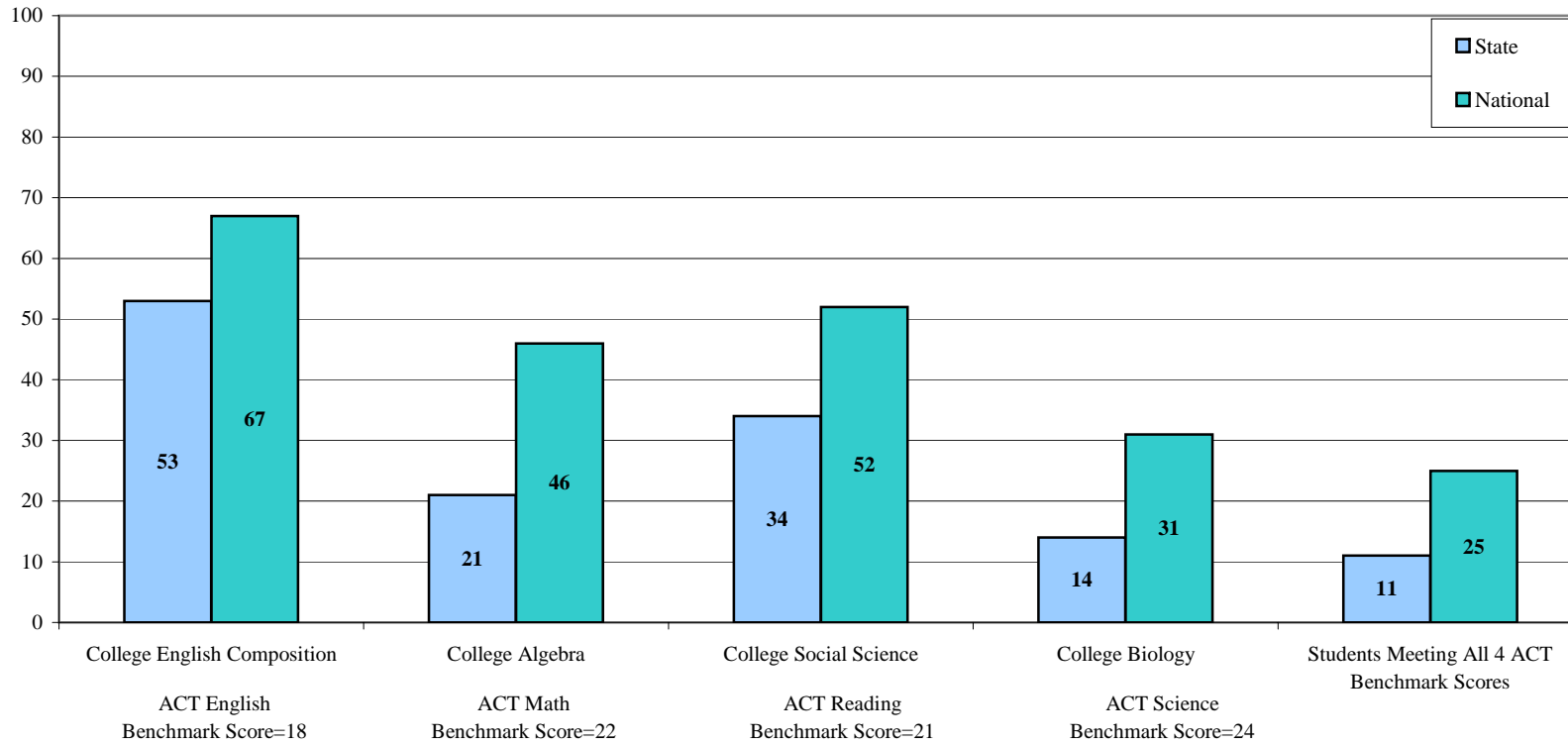
Section I

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: 28,288

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: 28,288

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	25,641	1,421,941	59	68	19	43	35	53	13	28	9	22
2009	25,976	1,480,469	57	67	20	42	34	53	14	28	10	23
2010	26,887	1,568,835	53	66	20	43	34	52	14	29	10	24
2011	28,167	1,623,112	52	66	20	45	33	52	13	30	10	25
2012	28,288	1,666,017	53	67	21	46	34	52	14	31	11	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	25,641	1,421,941	19.3	20.6	18.2	21.0	19.1	21.4	18.7	20.8	18.9	21.1
2009	25,976	1,480,469	19.1	20.6	18.3	21.0	19.0	21.4	18.7	20.9	18.9	21.1
2010	26,887	1,568,835	18.6	20.5	18.3	21.0	18.8	21.3	18.8	20.9	18.8	21.0
2011	28,167	1,623,112	18.6	20.6	18.2	21.1	18.8	21.3	18.7	20.9	18.7	21.1
2012	28,288	1,666,017	18.6	20.5	18.3	21.1	18.9	21.3	18.7	20.9	18.7	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: 28,288

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	14,159	10,540	55	41	20.7	17.5	19.2	16.9	20.3	17.6	19.7	17.5	20.1	17.5
2009	15,743	9,689	61	37	20.4	17.1	19.2	16.9	20.1	17.4	19.6	17.3	20.0	17.3
2010	16,970	9,397	63	35	19.9	16.5	19.1	16.9	19.8	17.2	19.7	17.5	19.7	17.1
2011	18,390	9,226	65	33	19.8	16.4	19.0	16.8	19.7	17.2	19.5	17.2	19.6	17.0
2012	21,238	6,794	75	24	19.4	16.2	18.8	16.8	19.5	17.1	19.2	17.1	19.4	16.9

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.

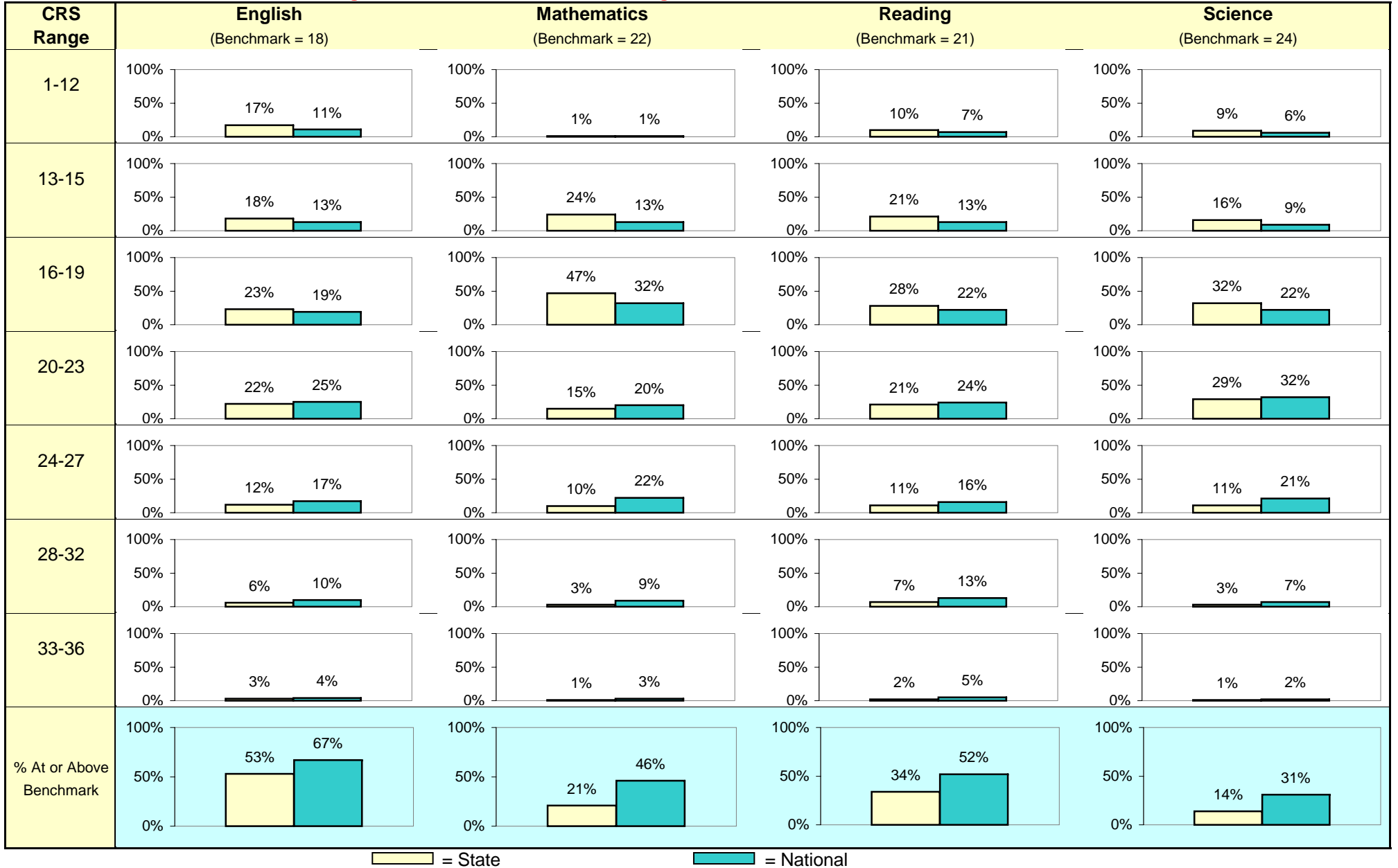
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	25,641	100	18.9	25,976	100	18.9	26,887	100	18.8	28,167	100	18.7	28,288	100	18.7
Black/African American	9,518	37	16.5	10,287	40	16.5	10,850	40	16.3	11,617	41	16.3	11,549	41	16.3
American Indian/Alaska Native	130	1	17.3	119	0	18.2	129	0	18.0	133	0	17.4	132	0	17.0
White	13,955	54	20.5	13,813	53	20.5	14,211	53	20.5	14,168	50	20.5	14,143	50	20.6
Hispanic/Latino	271	1	18.9	315	1	19.3	332	1	19.1	567	2	19.0	680	2	19.0
Asian	327	1	21.7	312	1	22.4	287	1	22.8	317	1	22.1	304	1	22.2
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	15	0	20.8	17	0	18.6
Two or more races	225	1	19.4	256	1	19.7	274	1	19.8	405	1	19.3	562	2	19.2
Prefer not to respond/No response	1,215	5	19.4	874	3	19.4	804	3	19.4	945	3	19.0	901	3	19.3

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

Total Students in Report: 28,288

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: 28,288

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	51	100	14	100	73	100	30	100	4	100	36
35	201	100	38	100	126	100	40	100	20	100	35
34	261	99	48	100	200	99	35	100	47	100	34
33	263	98	56	100	275	99	55	100	76	100	33
32	249	97	97	99	284	98	72	99	133	99	32
31	310	96	76	99	354	97	91	99	191	99	31
30	351	95	113	99	360	95	169	99	273	98	30
29	359	94	164	98	419	94	204	98	362	97	29
28	380	93	271	98	433	93	303	98	399	96	28
27	703	91	407	97	513	91	411	96	484	95	27
26	635	89	627	95	569	89	552	95	618	93	26
25	802	87	773	93	681	87	811	93	842	91	25
24	1,284	84	1,139	91	1,215	85	1,267	90	937	88	24
23	1,208	79	1,152	86	1,027	81	1,392	86	1,130	84	23
22	1,309	75	1,068	82	1,268	77	1,531	81	1,412	81	22
21	1,885	70	724	79	1,916	72	2,308	75	1,721	76	21
20	1,689	64	1,272	76	1,743	66	2,847	67	1,998	69	20
19	1,766	58	1,479	72	1,517	60	1,988	57	2,221	62	19
18	1,361	52	2,336	66	2,551	54	3,037	50	2,486	55	18
17	1,439	47	3,527	58	1,915	45	2,110	39	2,610	46	17
16	1,902	42	5,937	46	2,077	38	1,892	32	2,695	36	16
15	2,223	35	4,635	25	2,118	31	1,585	25	2,599	27	15
14	1,822	27	1,545	8	2,140	24	1,509	20	2,227	18	14
13	1,139	21	605	3	1,583	16	1,546	14	1,588	10	13
12	1,110	17	127	1	1,535	10	967	9	871	4	12
11	1,146	13	39	1	736	5	662	5	267	1	11
10	1,052	9	15	1	385	2	565	3	61	1	10
9	612	5	1	1	139	1	218	1	9	1	9
8	502	3	2	1	67	1	59	1	3	1	8
7	197	1	1	1	34	1	21	1	4	1	7
6	53	1	0	1	22	1	8	1	0	1	6
5	18	1	0	1	7	1	1	1	0	1	5
4	4	1	0	1	4	1	2	1	0	1	4
3	0	1	0	1	1	1	0	1	0	1	3
2	2	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	18.6 (6.1)		18.3 (4.0)		18.9 (5.6)		18.7 (4.6)		18.7 (4.6)		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: 28,288

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	582	100	216	100	271	100	429	100	379	100	57	100	65	100	18
17	915	98	158	99	601	99	567	98	419	99	38	100	4	100	17
16	844	95	928	99	909	97	938	96	230	97	192	100	206	100	16
15	767	92	1,088	95	789	94	1,024	93	666	96	316	99	424	99	15
14	1,122	89	1,109	92	1,038	91	1,279	90	843	94	930	98	846	98	14
13	1,027	85	1,570	88	1,375	87	1,383	85	1,794	91	1,577	95	1,066	95	13
12	1,787	81	2,241	82	2,668	82	1,905	80	1,848	85	1,739	89	2,313	91	12
11	2,407	75	2,809	74	2,255	73	1,820	73	2,259	78	3,320	83	2,247	83	11
10	3,031	67	2,441	64	3,076	65	2,772	67	2,367	70	4,611	71	3,980	75	10
9	2,886	56	3,968	56	3,494	54	3,158	57	2,457	62	5,651	55	4,721	61	9
8	2,737	46	3,385	42	3,201	42	3,094	46	4,737	53	4,912	35	4,344	44	8
7	3,074	36	2,675	30	4,345	30	2,698	35	5,741	36	2,099	17	3,474	29	7
6	2,552	25	1,884	20	2,254	15	3,297	26	2,620	16	1,099	10	2,470	16	6
5	1,917	16	1,751	13	1,138	7	2,095	14	1,194	7	1,063	6	369	8	5
4	1,236	9	1,434	7	533	3	1,035	6	470	3	209	2	1,204	6	4
3	961	5	506	2	207	1	632	3	196	1	328	2	75	2	3
2	419	2	111	1	113	1	154	1	58	1	27	1	349	2	2
1	24	1	14	1	21	1	8	1	10	1	120	1	131	1	1
Avg (SD)	9.2 (3.8)		9.4 (3.3)		9.6 (3.2)		9.3 (3.6)		9.1 (3.0)		9.4 (2.5)		8.9 (2.7)		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)	22	20	22	21	21
Q2 (50th Percentile)	18	17	18	18	18
Q1 (25th Percentile)	14	16	15	15	15

Total Students in Report: 28,288

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	28,288	75	19.4	16.9
	Black/African American	11,549	73	16.7	15.4
	American Indian/Alaska Native	132	67	17.3	16.6
	White	14,143	76	21.3	18.2
	Hispanic/Latino	680	75	19.5	17.6
	Asian	304	88	22.5	19.6
	Native Hawaiian/Other Pac. Isl.	17	53	21.4	15.4
	Two or more races	562	77	19.8	17.2
	Prefer not/No Response	901	79	19.9	17.1
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	18.6	18.3	18.9	18.7	18.7
	Black/African American	15.5	16.5	16.3	16.6	16.3
	American Indian/Alaska Native	16.2	16.8	17.1	17.4	17.0
	White	21.0	19.6	20.9	20.2	20.6
	Hispanic/Latino	18.7	18.7	19.2	19.1	19.0
	Asian	21.8	22.7	21.4	22.3	22.2
	Native Hawaiian/Other Pac. Isl.	18.0	18.2	19.6	18.0	18.6
	Two or more races	19.2	18.4	19.5	19.2	19.2
	Prefer not/No Response	19.4	18.7	19.5	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: 28,288

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	776	3	156	1	674	2	160	1
	28 to 32	1,649	6	721	3	1,850	7	839	3
	24 to 27	3,424	12	2,946	10	2,978	11	3,041	11
	20 to 23	6,091	22	4,216	15	5,954	21	8,078	29
	16 to 19	6,468	23	13,279	47	8,060	28	9,027	32
	13 to 15	5,184	18	6,785	24	5,841	21	4,640	16
	01 to 12	4,696	17	185	1	2,931	10	2,503	9
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	12,748	45	18.2	18.6	18.8	19.0	18.8
	Females	15,535	55	18.9	18.0	19.0	18.4	18.7
	Missing	5	0	14.8	16.2	15.0	17.0	15.8
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	50	24	34	17	13
	Females	56	19	34	12	9
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 28,288

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	21,238	59	19.4	26	18.8	39	19.5	17	19.2	13	19.4
	Less than Core	6,794	37	16.2	9	16.8	21	17.1	6	17.1	4	16.9
	Missing ³	256	27	14.6	4	15.9	18	16.0	3	16.1	2	15.8
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	27,587	54	18.7	26,865	22	18.4	27,215	35	19.0	22,189	17	19.1
	Less than Core	514	32	15.4	1,215	2	15.6	865	17	16.3	5,882	6	17.1
	Missing ³	187	33	15.2	208	4	16.0	208	19	16.2	217	3	16.2
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.

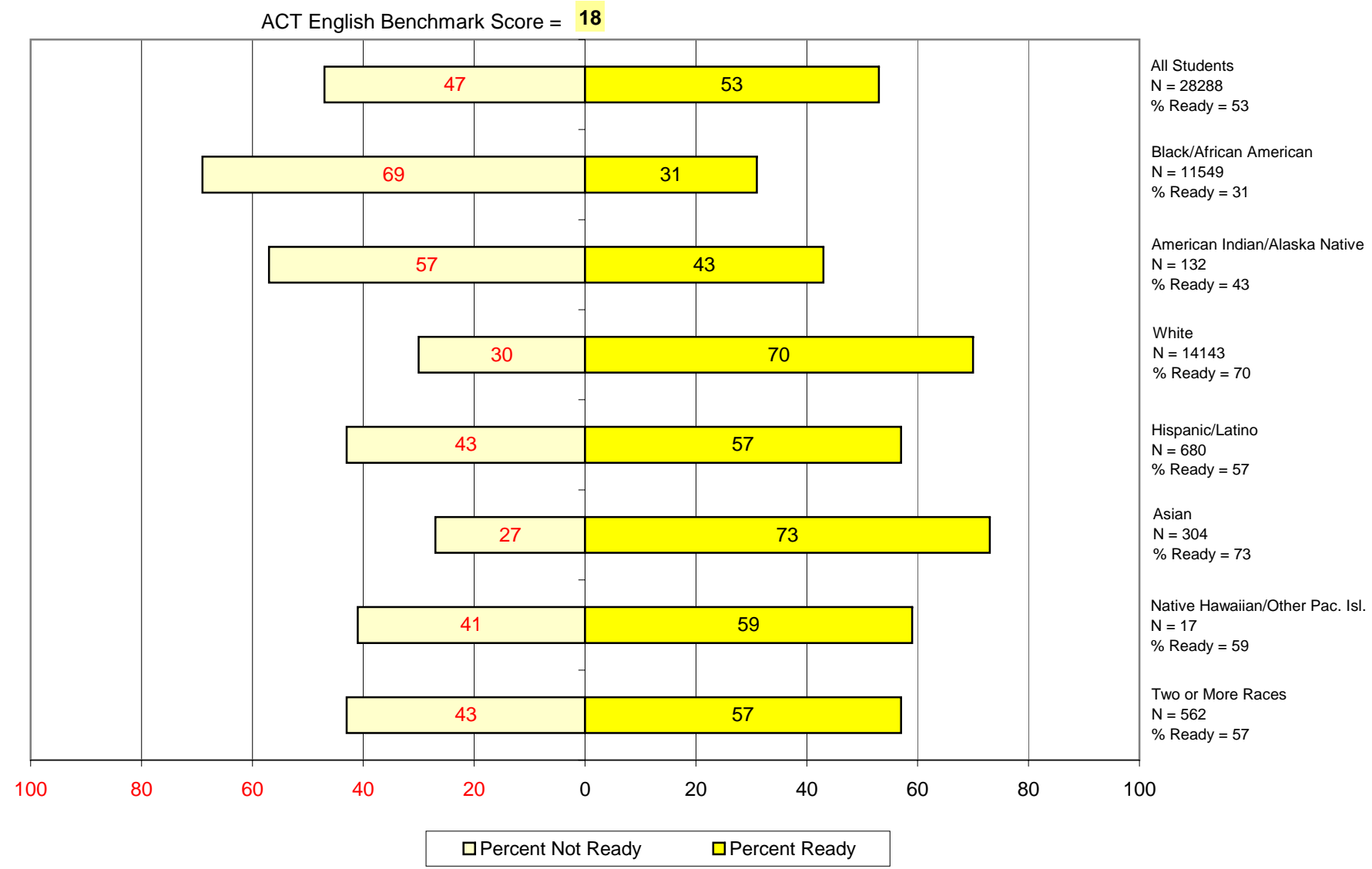
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

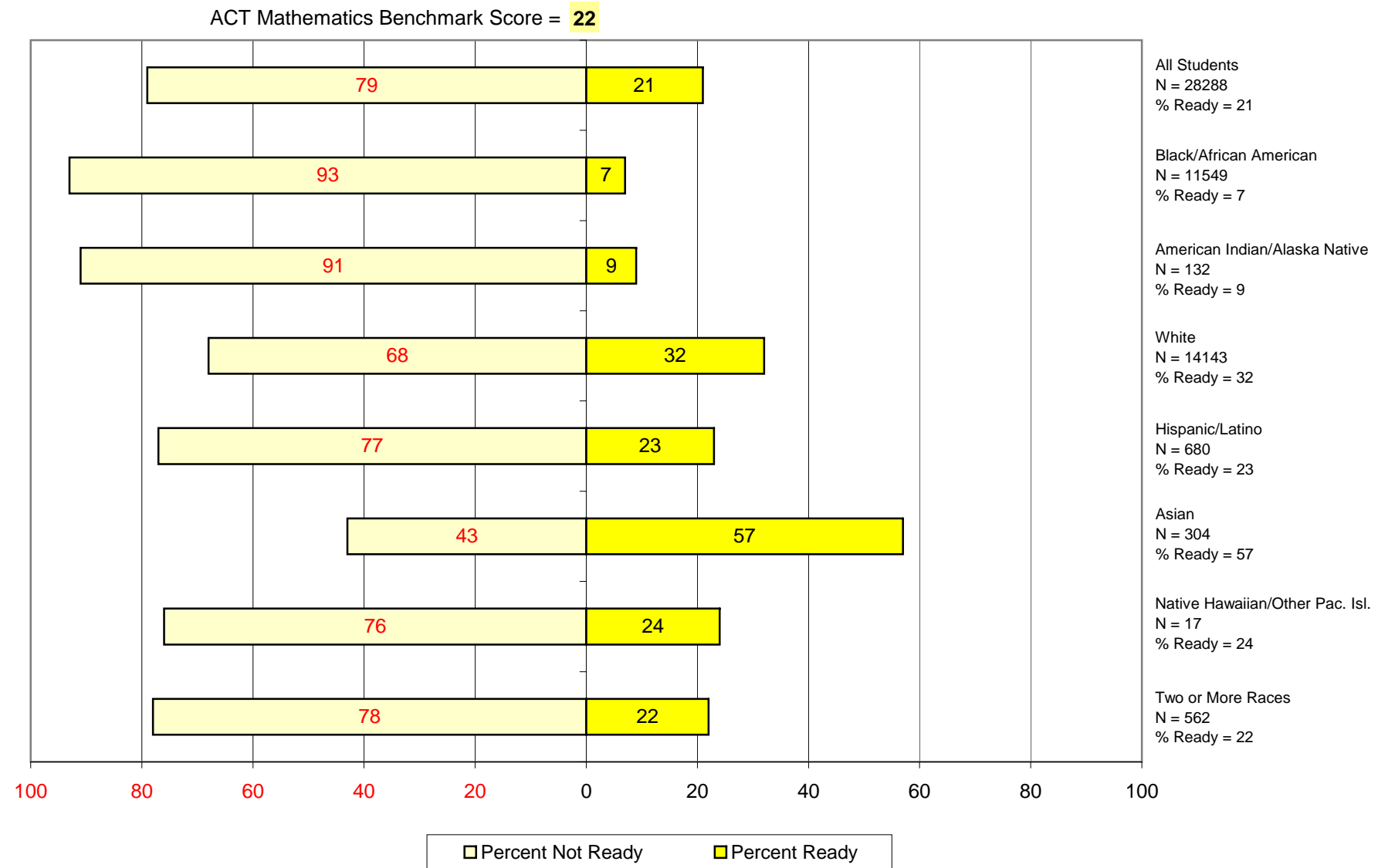
Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity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

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



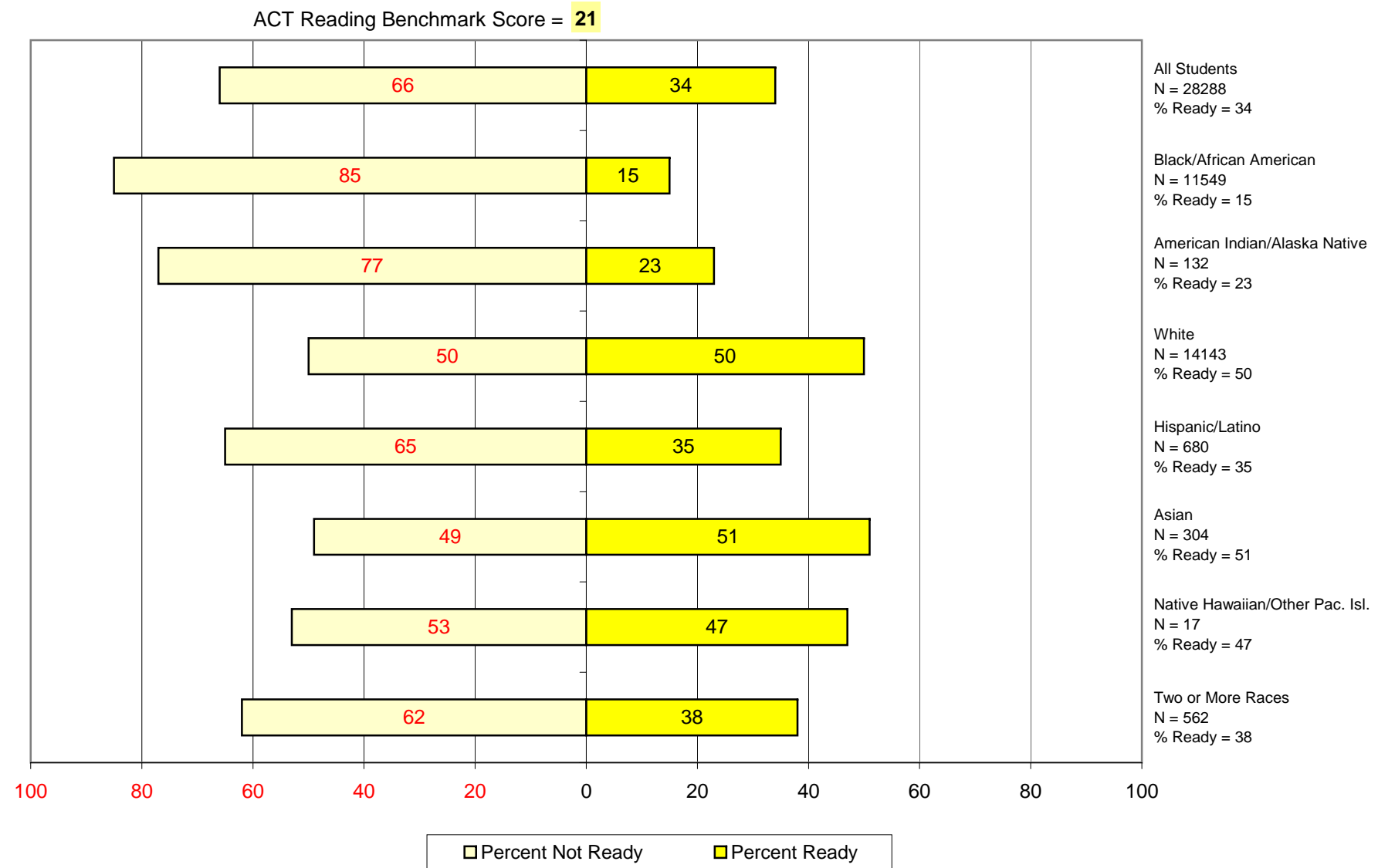
¹Refer to the section header on page 17 for a description of race/ethnicity changes.

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



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

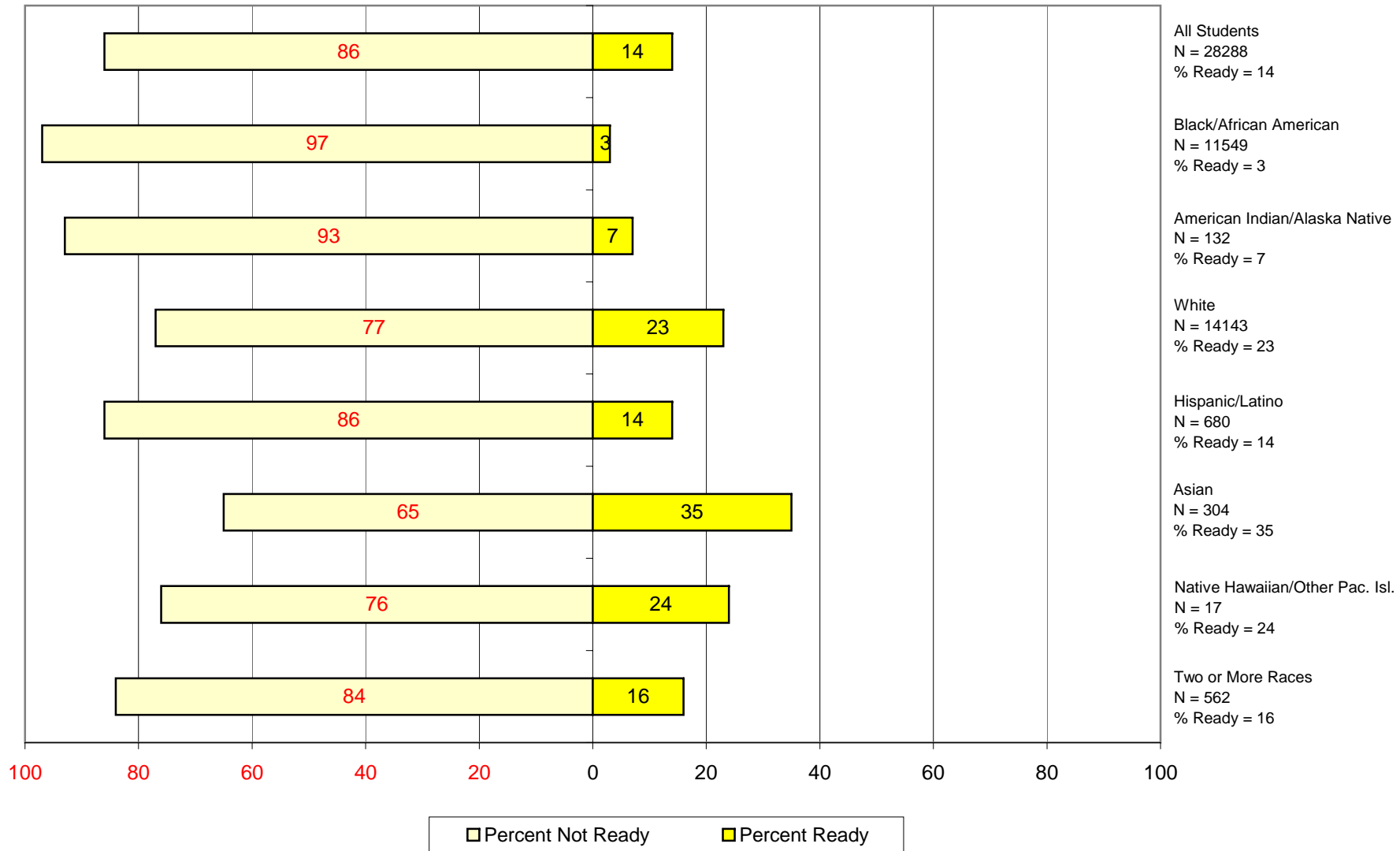
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING



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

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

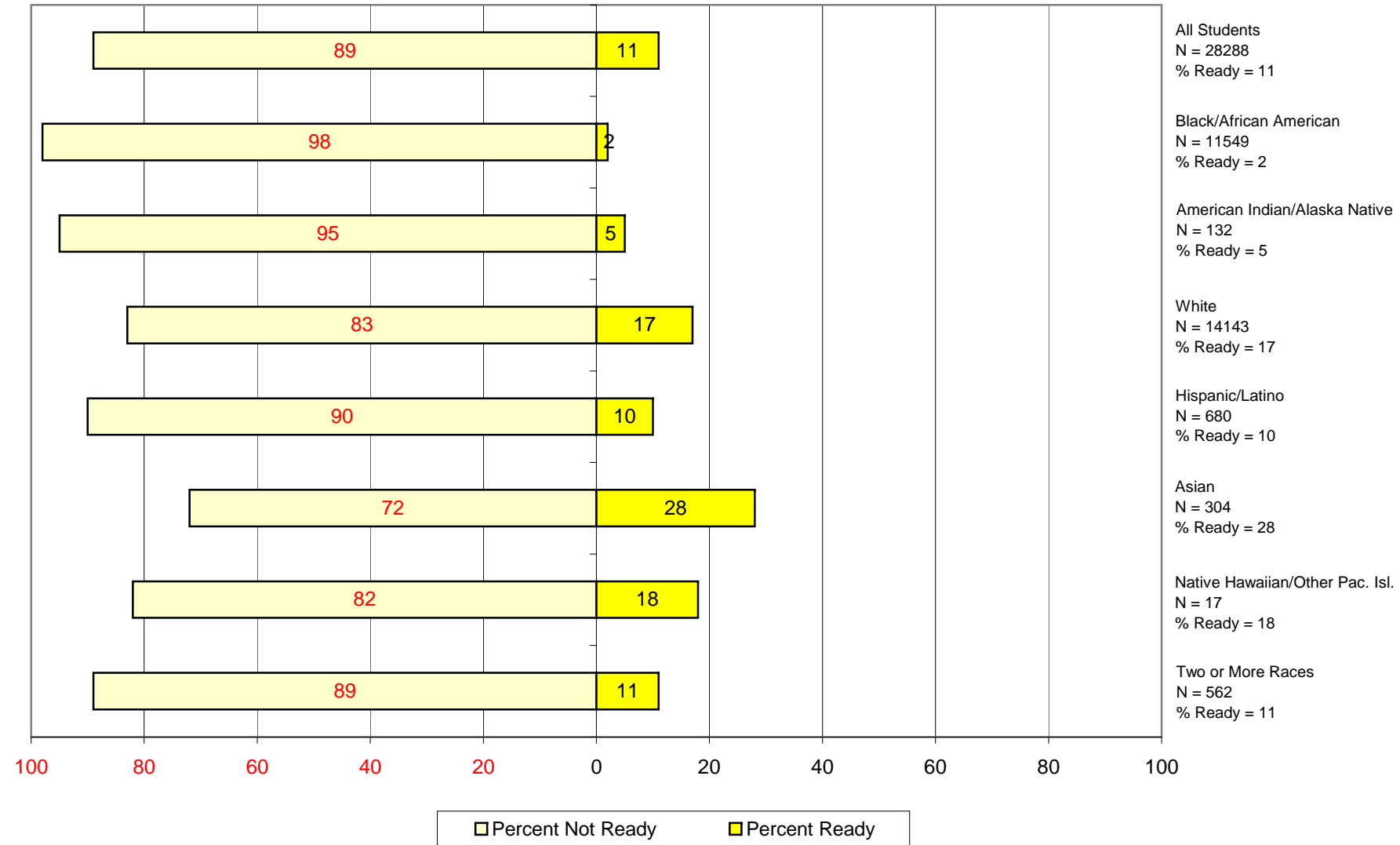
ACT Science Benchmark Score = **24**



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

Total Students in Report: 28,288

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: 28,288

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	6,798	24	19.2	3.8	2,969	23	18.7	3.8	3,829	25	19.6	3.7
Eng 9, Eng 10, Eng 11, Eng 12	20,789	73	18.5	3.1	9,412	74	18.2	3.3	11,372	73	18.8	2.9
Less than 4 years of English	514	2	15.4	-	255	2	14.9	-	259	2	15.9	-
Zero years / no English courses reported	187	1	15.2	-	112	1	15.1	-	75	0	15.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,740	6	19.2	3.6	774	6	19.8	4.0	966	6	18.7	3.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,032	11	19.5	3.9	1,127	9	19.9	4.1	1,904	12	19.3	3.9
Alg 1, Alg 2, Geom, & Trig	2,095	7	17.7	2.1	907	7	18.0	2.2	1,188	8	17.5	2.1
Alg 1, Alg 2, Geom, & Other Adv Math	1,642	6	17.5	1.9	675	5	17.7	1.9	967	6	17.3	1.9
Other comb of 4 or more years of Math	10,384	37	19.9	4.3	4,890	38	20.3	4.5	5,493	35	19.4	4.0
Alg 1, Alg 2, & Geom	6,590	23	16.3	0.7	2,928	23	16.6	0.8	3,660	24	16.1	0.7
Other comb of 3 or 3.5 years of Math	1,382	5	16.7	1.1	700	5	16.9	1.1	681	4	16.5	1.1
Less than 3 years of Math	1,215	4	15.6	-	621	5	15.8	-	594	4	15.4	-
Zero years / no Math courses reported	208	1	16.0	-	126	1	16.2	-	82	1	15.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	232	1	18.7	2.4	138	1	19.0	2.6	94	1	18.1	1.9
Other comb of 4 or more years Social Science	23,651	84	19.3	3.0	10,430	82	19.2	2.8	13,221	85	19.4	3.2
US Hist, World Hist, & Am Gov	208	1	16.1	-0.2	108	1	16.0	-0.4	100	1	16.2	0.0
Other comb of 3 or 3.5 years of Social Science	3,124	11	17.2	0.9	1,484	12	17.2	0.8	1,635	11	17.1	0.9
Less than 3 years of Social Science	865	3	16.3	-	463	4	16.4	-	402	3	16.2	-
Zero years / no Social Science courses reported	208	1	16.2	-	125	1	16.1	-	83	1	16.3	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	10,858	38	19.5	2.4	5,208	41	20.0	2.7	5,649	36	19.0	2.0
Bio, Chem, Phys	1,656	6	21.2	4.1	701	5	22.3	5.0	954	6	20.5	3.5
Gen Sci ² , Bio, Chem	9,003	32	18.4	1.3	3,786	30	18.5	1.2	5,214	34	18.4	1.4
Other comb of 3 years of Natural Science	672	2	16.9	-0.2	321	3	17.1	-0.2	351	2	16.6	-0.4
Less than 3 years of Natural Science	5,882	21	17.1	-	2,606	20	17.3	-	3,276	21	17.0	-
Zero years / no Natural Science courses reported	217	1	16.2	-	126	1	16.6	-	91	1	15.7	-

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: 28,288

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	6,798	24	19.2	56	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	20,789	73	18.5	53	1,178,400	71	20.5	67
Less than 4 years of English	514	2	15.4	32	64,748	4	16.5	41
Zero years / no English courses reported	187	1	15.2	33	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,740	6	19.2	28	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,032	11	19.5	31	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	2,095	7	17.7	16	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	1,642	6	17.5	13	279,658	17	19.9	36
Other comb of 4 or more years of Math	10,384	37	19.9	35	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	6,590	23	16.3	4	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	1,382	5	16.7	7	82,509	5	19.9	35
Less than 3 years of Math	1,215	4	15.6	2	69,741	4	16.6	8
Zero years / no Math courses reported	208	1	16.0	4	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	232	1	18.7	34	47,179	3	22.3	59
Other comb of 4 or more years Social Science	23,651	84	19.3	37	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	208	1	16.1	16	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	3,124	11	17.2	22	452,172	27	21.2	51
Less than 3 years of Social Science	865	3	16.3	17	149,266	9	19.7	40
Zero years / no Social Science courses reported	208	1	16.2	19	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	10,858	38	19.5	20	740,499	44	21.9	39
Bio, Chem, Phys	1,656	6	21.2	32	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	9,003	32	18.4	11	466,992	28	20.0	22
Other comb of 3 years of Natural Science	672	2	16.9	5	45,992	3	19.5	20
Less than 3 years of Natural Science	5,882	21	17.1	6	194,661	12	18.4	13
Zero years / no Natural Science courses reported	217	1	16.2	3	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: 28,288

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	539	2	17.2	101	3	15.2	412	2	17.9
Architecture	350	1	18.6	25	1	16.2	313	1	18.8
Area, Ethnic, & Multidisciplinary Studies	30	0	21.0	3	0	17.0	24	0	21.9
Arts: Visual & Performing	1,518	5	18.9	150	5	15.5	1,260	5	19.4
Business	2,331	8	17.6	339	10	15.3	1,862	8	18.2
Communications	343	1	19.2	28	1	14.6	297	1	19.8
Community, Family, & Personal Services	784	3	16.8	159	5	15.4	579	2	17.3
Computer Science & Mathematics	697	2	19.4	72	2	16.7	593	3	19.8
Education	1,703	6	18.2	121	4	15.1	1,505	6	18.5
Engineering	1,720	6	19.8	172	5	15.8	1,473	6	20.4
Engineering Technology & Drafting	593	2	18.6	106	3	15.7	459	2	19.4
English & Foreign Languages	196	1	22.2	8	0	16.6	176	1	22.6
Health Administration & Assisting	1,885	7	16.8	313	10	15.5	1,485	6	17.1
Health Sciences & Technologies	6,675	24	19.2	613	19	16.6	5,867	25	19.5
Philosophy, Religion, & Theology	119	0	21.0	4	0	17.3	110	0	21.0
Repair, Production, & Construction	557	2	15.9	316	10	15.6	203	1	16.4
Sciences: Biological & Physical	1,538	5	20.7	57	2	16.6	1,427	6	20.9
Social Sciences & Law	1,775	6	18.9	96	3	15.5	1,612	7	19.1
Undecided	4,588	16	19.2	540	17	15.8	3,627	16	19.9
No Response	346	1	16.3	35	1	15.4	83	0	17.1

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: 28,288

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	723	15.2	375	14.3	5	13.6	299	16.3	21	15.7
2-yr College Degree	2,535	15.9	1,090	14.7	16	15.1	1,258	17.0	65	16.4
Bachelors Degree	13,796	18.1	5,811	16.0	51	16.3	6,890	19.8	330	18.5
Graduate Study	2,843	20.9	872	17.5	16	19.6	1,681	22.7	64	21.4
Prof. Level Degree	6,729	21.0	2,659	18.0	29	19.1	3,269	23.2	159	21.1
Other	648	16.0	345	14.7	4	16.3	243	17.7	16	17.3
No Response	1,014	17.6	397	15.0	11	15.6	503	19.4	25	17.4

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	723	15.2	5	17.8	0	.	5	15.6	13	15.0
2-yr College Degree	2,535	15.9	10	18.8	2	14.0	47	16.6	47	16.1
Bachelors Degree	13,796	18.1	112	20.1	8	18.9	231	18.4	363	18.3
Graduate Study	2,843	20.9	27	21.7	3	19.3	59	21.3	121	20.1
Prof. Level Degree	6,729	21.0	134	24.6	2	22.5	184	20.7	293	21.1
Other	648	16.0	4	17.0	1	18.0	18	15.7	17	17.6
No Response	1,014	17.6	12	22.3	1	16.0	18	18.4	47	19.1

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

Total Students in Report: 28,288

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	
MISSISSIPPI STATE UNIVERSITY	Mississippi	8,985	3,253	5,732	2	15	33	28	15	7	1	
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	6,445	1,739	4,706	2	16	36	26	14	5	0	
UNIVERSITY OF MISSISSIPPI	Mississippi	6,102	1,945	4,157	1	10	29	30	19	9	1	
JACKSON STATE UNIVERSITY	Mississippi	2,480	688	1,792	6	36	42	14	3	0	0	
JONES COUNTY JUNIOR COLLEGE	Mississippi	1,919	832	1,087	5	26	37	22	9	2	0	
DELTA STATE UNIVERSITY	Mississippi	1,710	420	1,290	3	25	39	22	9	2	0	
ITAWAMBA COMMUNITY COLLEGE	Mississippi	1,675	846	829	3	24	39	24	8	3	0	
ALCORN STATE UNIVERSITY	Mississippi	1,668	558	1,110	8	35	43	12	2	0	0	
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	Mississippi	1,623	752	871	5	28	37	22	7	1	0	
PEARL RIVER COMMUNITY COLLEGE	Mississippi	1,348	562	786	5	24	39	21	9	2	0	
NORTHEAST MISSISSIPPI COMM COLL	Mississippi	1,285	587	698	4	23	40	23	7	2	0	
HOLMES COMMUNITY COLLEGE	Mississippi	1,281	425	856	5	26	37	23	8	1	0	
MISSISSIPPI COLLEGE	Mississippi	1,234	251	983	1	8	26	31	22	12	1	
HINDS COMM COLLEGE-RAYMOND CAMPUS	Mississippi	1,087	392	695	6	32	38	16	7	1	0	
UNIVERSITY OF ALABAMA	Alabama	896	166	730	1	8	24	31	18	16	2	
WILLIAM CAREY UNIVERSITY	Mississippi	855	123	732	2	16	36	27	14	5	0	
EAST CENTRAL COMMUNITY COLLEGE	Mississippi	834	426	408	5	28	35	22	8	2	0	
MERIDIAN COMMUNITY COLLEGE	Mississippi	825	265	560	5	28	39	20	6	2	0	
UNIVERSITY OF SOUTH ALABAMA	Alabama	820	235	585	2	8	28	32	21	10	1	
COPIAH-LINCOLN COMMUNITY COLLEGE	Mississippi	742	324	418	8	30	34	18	8	2	0	
MS GULF COAST CC-PERKINSTON CAMPUS	Mississippi	722	254	468	3	19	39	27	9	2	0	
MISSISSIPPI UNIV FOR WOMEN	Mississippi	649	119	530	2	16	39	24	13	5	0	
MISSISSIPPI VALLEY STATE UNIV	Mississippi	640	109	531	9	42	39	8	2	0	0	
UNIVERSITY OF MEMPHIS	Tennessee	627	159	468	2	18	37	27	12	3	0	
EAST MISSISSIPPI COMM COLL	Mississippi	585	228	357	6	37	36	16	4	1	0	
HINDS COMM COLLEGE-RANKIN CAMPUS	Mississippi	575	232	343	4	18	38	28	10	2	0	
MISSISSIPPI DELTA COMM COLL	Mississippi	569	186	383	9	43	36	10	3	1	0	
MS GULF COAST CC-JEFFERSON DAVIS CAMPUS	Mississippi	565	233	332	4	17	35	31	10	3	0	
LOUISIANA ST UNIV/A&M-BATON ROUGE	Louisiana	559	149	410	2	9	29	28	19	11	1	
SOUTHWEST MISSISSIPPI COMMUNITY COLL	Mississippi	558	270	288	8	30	36	18	7	0	0	
All Other Institutions		15,270	3,657	11,613	3	18	30	22	14	10	2	
Total		65,133	20,385	44,748	3	20	34	24	12	6	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: 28,288

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	2,413	931,148	21.3	21.5	6.3	7.1	19.8	20.7
Black/African American	957	113,247	17.2	16.6	5.8	6.2	16.4	16.4
American Indian/Alaska Native	12	5,233	17.7	17.8	5.8	6.5	16.7	17.5
White	1,094	518,974	24.4	23.2	6.6	7.2	22.4	22.1
Hispanic/Latino	77	150,249	21.6	18.5	6.3	6.8	20.1	18.3
Asian	71	53,381	26.7	23.7	7.6	7.6	25.1	22.8
Native Hawaiian/Other Pac. Isl.	3	2,851	18.7	19.9	6.0	7.1	17.7	19.6
Two or more races	78	32,346	21.4	21.9	6.2	7.1	19.9	21.1
Prefer not/No Response	121	54,867	22.3	21.8	6.6	7.1	20.9	21.0
Males	1,013	413,617	21.6	21.2	6.0	6.8	19.9	20.3
Females	1,397	515,745	21.0	21.7	6.5	7.2	19.8	21.1
Missing	3	1,786	14.3	16.8	6.0	6.3	14.7	16.6

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

