

ACT Profile Report - State

Graduating Class 2011
Mississippi



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This report provides information about the performance of your 2011 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 2011 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

10% 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: 28,167 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. 65% 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 9% of the cohort took less than three years of math courses. Of these students, 2% were college ready. 24% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 4% of these students were college ready. In comparison, 30% 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 29% 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.

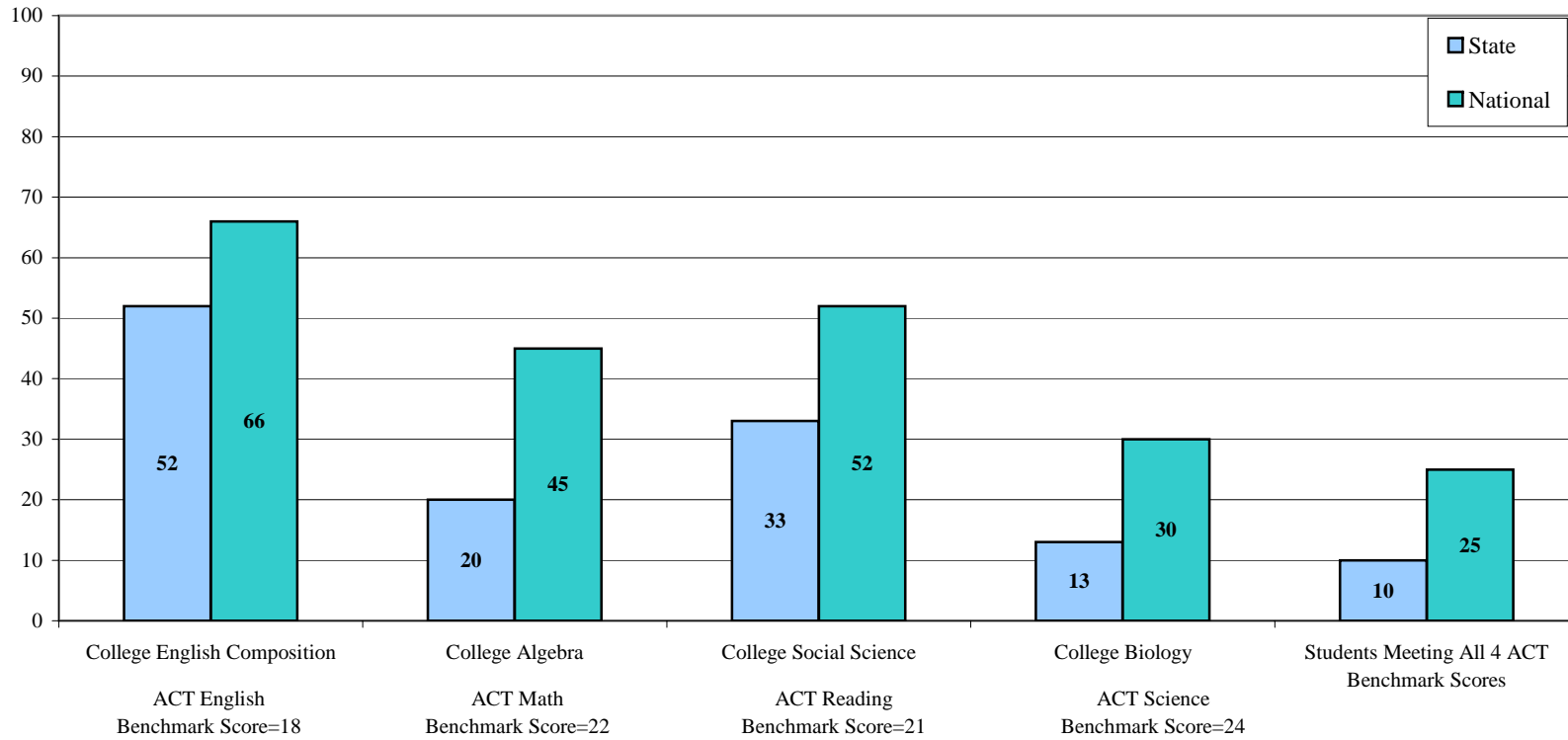
Section I

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: 28,167

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: 28,167

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
2007	24,669	1,300,599	57	69	19	43	35	53	13	28	9	23
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

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
2007	24,669	1,300,599	19.0	20.7	18.1	21.0	19.1	21.5	18.7	21.0	18.9	21.2
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1

Total Students in Report: 28,167

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
2007	12,106	10,345	49	42	20.5	17.1	19.1	16.8	20.3	17.6	19.7	17.4	20.0	17.3
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

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.

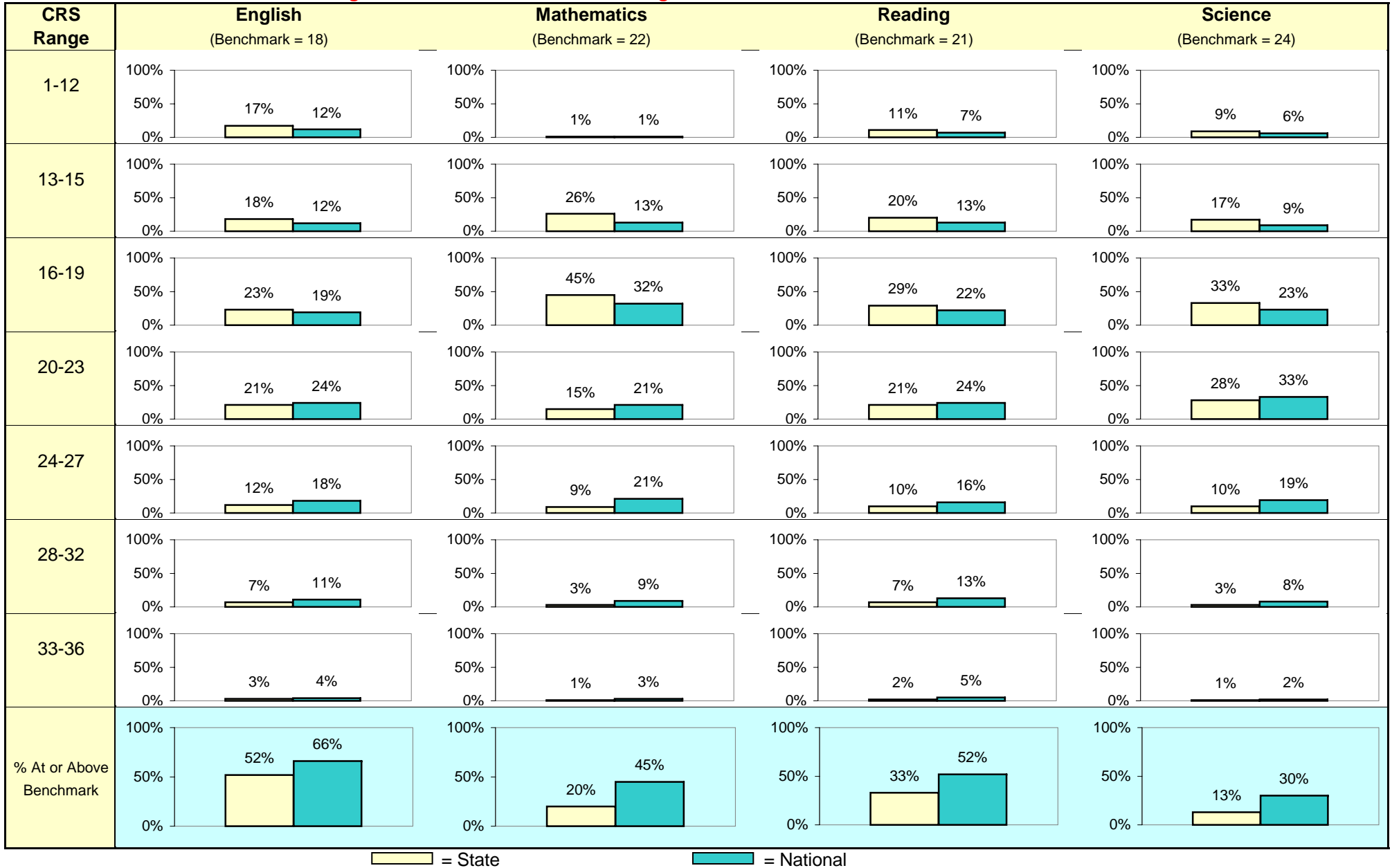
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	24,669	100	18.9	25,641	100	18.9	25,976	100	18.9	26,887	100	18.8	28,167	100	18.7
Black/African American	8,952	36	16.4	9,518	37	16.5	10,287	40	16.5	10,850	40	16.3	11,617	41	16.3
American Indian/Alaska Native	121	0	17.4	130	1	17.3	119	0	18.2	129	0	18.0	133	0	17.4
White	13,095	53	20.4	13,955	54	20.5	13,813	53	20.5	14,211	53	20.5	14,168	50	20.5
Hispanic/Latino	231	1	19.3	271	1	18.9	315	1	19.3	332	1	19.1	567	2	19.0
Asian	262	1	22.0	327	1	21.7	312	1	22.4	287	1	22.8	317	1	22.1
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	15	0	20.8
Two or more races	181	1	19.6	225	1	19.4	256	1	19.7	274	1	19.8	405	1	19.3
Prefer not to respond/No response	1,827	7	19.6	1,215	5	19.4	874	3	19.4	804	3	19.4	945	3	19.0

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

Total Students in Report: 28,167

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



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: 28,167

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	60	100	14	100	84	100	23	100	4	100	36
35	203	100	35	100	88	100	47	100	24	100	35
34	215	99	53	100	196	99	25	100	45	100	34
33	239	98	57	100	262	99	85	100	82	100	33
32	275	97	91	99	310	98	36	99	124	99	32
31	336	96	66	99	365	97	98	99	170	99	31
30	313	95	148	99	373	95	161	99	287	98	30
29	416	94	158	98	360	94	181	98	339	97	29
28	534	93	274	98	445	93	299	98	392	96	28
27	562	91	366	97	547	91	417	97	489	95	27
26	699	89	570	96	567	89	534	95	663	93	26
25	821	86	717	93	841	87	750	93	811	91	25
24	1,208	83	1,003	91	892	84	1,140	91	940	88	24
23	985	79	1,153	87	1,024	81	1,513	87	1,075	84	23
22	1,403	76	997	83	1,539	77	1,647	81	1,346	81	22
21	1,908	71	796	80	1,534	72	2,279	75	1,729	76	21
20	1,679	64	1,342	77	1,748	67	2,489	67	1,888	70	20
19	1,530	58	1,475	72	1,707	60	2,432	58	2,193	63	19
18	1,392	52	2,324	67	2,190	54	2,987	50	2,537	55	18
17	1,601	48	3,319	59	2,078	46	2,121	39	2,565	46	17
16	1,931	42	5,630	47	2,175	39	1,761	32	2,761	37	16
15	2,180	35	4,898	27	1,881	31	1,995	25	2,599	27	15
14	1,785	27	1,773	10	2,305	25	1,449	18	2,206	18	14
13	1,120	21	699	3	1,468	17	1,226	13	1,625	10	13
12	1,148	17	145	1	1,532	11	944	9	910	5	12
11	1,163	13	47	1	973	6	658	5	288	1	11
10	1,040	9	9	1	356	2	612	3	62	1	10
9	748	5	2	1	178	1	171	1	10	1	9
8	417	2	4	1	81	1	55	1	1	1	8
7	177	1	0	1	30	1	19	1	1	1	7
6	66	1	2	1	22	1	11	1	1	1	6
5	9	1	0	1	11	1	0	1	0	1	5
4	3	1	0	1	2	1	0	1	0	1	4
3	0	1	0	1	1	1	2	1	0	1	3
2	1	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	1
Avg (SD)	18.6 (6.2)		18.2 (4.0)		18.8 (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: 28,167

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	637	100	257	100	323	100	356	100	309	100	61	100	82	100	18
17	731	98	35	99	420	99	1,038	99	361	99	68	100	3	100	17
16	821	95	1,076	99	960	97	930	95	452	98	183	100	171	100	16
15	1,079	92	1,171	95	839	94	1,100	92	677	96	268	99	532	99	15
14	1,066	88	1,045	91	896	91	767	88	990	94	856	98	817	97	14
13	1,160	85	1,469	87	1,247	88	1,519	85	1,438	90	1,603	95	963	94	13
12	1,499	80	2,216	82	2,621	83	1,661	80	1,257	85	1,439	89	1,775	91	12
11	2,317	75	2,799	74	2,138	74	2,495	74	2,628	81	3,405	84	2,222	85	11
10	3,234	67	2,595	64	2,966	66	2,245	65	1,906	71	3,968	72	4,360	77	10
9	2,848	55	3,988	55	4,294	56	3,248	57	3,086	64	6,317	58	4,474	61	9
8	2,620	45	3,025	41	3,549	41	2,732	45	4,555	53	4,107	35	5,059	45	8
7	2,852	36	2,861	30	3,590	28	2,468	36	6,151	37	2,288	21	2,725	27	7
6	2,647	26	1,755	20	2,006	15	3,060	27	2,863	15	1,489	13	2,092	18	6
5	1,909	17	1,681	14	1,282	8	2,772	16	886	5	1,214	8	1,129	10	5
4	1,474	10	1,455	8	654	4	1,018	6	391	2	309	3	1,018	6	4
3	938	5	626	3	268	1	510	3	170	1	348	2	274	3	3
2	304	1	98	1	92	1	237	1	43	1	93	1	372	2	2
1	31	1	15	1	22	1	11	1	4	1	151	1	99	1	1
Avg (SD)	9.2 (3.8)		9.4 (3.4)		9.5 (3.2)		9.3 (3.7)		9.1 (3.0)		9.2 (2.6)		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	19	18
Q1 (25th Percentile)	14	15	15	15	15

Total Students in Report: 28,167

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	28,167	65	19.6	17.0
	Black/African American	11,617	63	16.8	15.5
	American Indian/Alaska Native	133	58	18.6	15.7
	White	14,168	67	21.6	18.4
	Hispanic/Latino	567	63	20.2	17.1
	Asian	317	82	22.8	18.9
	Native Hawaiian/Other Pac. Isl.	15	67	21.6	19.0
	Two or more races	405	63	20.4	17.8
	Prefer not/No Response	945	68	19.9	17.1
National	All Students	1,623,112	74	21.9	19.0
	Black/African American	223,383	69	17.5	15.9
	American Indian/Alaska Native	14,970	63	19.7	17.1
	White	981,585	76	23.1	20.3
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	66,650	81	24.1	21.9
	Native Hawaiian/Other Pac. Isl.	2,244	78	20.0	17.8
	Two or more races	46,378	72	21.8	19.3
	Prefer not/No Response	87,241	65	22.1	18.7

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	18.2	18.8	18.7	18.7
	Black/African American	15.5	16.4	16.2	16.7	16.3
	American Indian/Alaska Native	16.2	17.2	17.8	18.0	17.4
	White	21.0	19.5	20.9	20.2	20.5
	Hispanic/Latino	18.6	18.5	19.3	19.1	19.0
	Asian	22.0	22.5	21.7	21.7	22.1
	Native Hawaiian/Other Pac. Isl.	20.3	19.4	22.6	20.7	20.8
	Two or more races	19.6	18.4	19.6	19.3	19.3
	Prefer not/No Response	19.0	18.4	19.2	18.7	19.0
National	All Students	20.6	21.1	21.3	20.9	21.1
	Black/African American	15.9	17.2	17.0	17.1	17.0
	American Indian/Alaska Native	17.5	18.6	19.1	18.9	18.6
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	22.8	25.1	22.9	23.1	23.6
	Native Hawaiian/Other Pac. Isl.	18.6	19.9	19.4	19.5	19.5
	Two or more races	20.7	20.7	21.6	20.9	21.1
	Prefer not/No Response	20.2	20.9	21.0	20.4	20.7

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

Total Students in Report: 28,167

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	717	3	159	1	630	2	180	1
	28 to 32	1,874	7	737	3	1,853	7	775	3
	24 to 27	3,290	12	2,656	9	2,847	10	2,841	10
	20 to 23	5,975	21	4,288	15	5,845	21	7,928	28
	16 to 19	6,454	23	12,748	45	8,150	29	9,301	33
	13 to 15	5,085	18	7,370	26	5,654	20	4,670	17
	01 to 12	4,772	17	209	1	3,188	11	2,472	9
National	33 to 36	68,159	4	49,703	3	81,236	5	32,031	2
	28 to 32	174,801	11	144,331	9	211,084	13	130,969	8
	24 to 27	286,161	18	344,894	21	265,974	16	316,182	19
	20 to 23	394,076	24	332,913	21	382,505	24	530,056	33
	16 to 19	309,855	19	525,628	32	360,259	22	366,855	23
	13 to 15	201,235	12	217,338	13	214,265	13	153,754	9
	01 to 12	188,825	12	8,305	1	107,789	7	93,265	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	12,669	45	18.2	18.6	18.7	19.1	18.8
	Females	15,486	55	18.9	17.8	18.9	18.4	18.6
	Missing	12	0	17.8	17.8	18.8	19.4	18.8
National	Males	739,070	46	20.2	21.6	21.1	21.4	21.2
	Females	879,957	54	20.9	20.6	21.4	20.5	21.0
	Missing	4,085	0	16.4	17.8	17.7	17.8	17.6

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	49	24	33	17	13
	Females	55	18	34	11	8
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 28,167

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	18,390	61	19.8	27	19.0	40	19.7	18	19.5	14	19.6
	Less than Core	9,226	38	16.4	8	16.8	22	17.2	6	17.2	3	17.0
	Missing ³	551	24	14.4	5	16.0	13	15.4	3	16.2	2	15.6
National	Core or More	1,202,164	72	21.5	51	21.8	57	22.0	34	21.6	29	21.9
	Less than Core	366,518	51	18.3	27	19.0	38	19.3	17	19.0	13	19.0
	Missing	54,430	38	16.3	21	18.0	27	17.7	12	17.7	9	17.5

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	27,042	54	18.7	25,098	22	18.5	26,626	35	19.0	19,522	17	19.3
	Less than Core	679	29	14.9	2,576	2	15.6	1,076	14	15.7	8,150	6	17.2
	Missing ³	446	25	14.8	493	5	16.1	465	14	15.6	495	3	16.4
National	Core or More	1,510,179	68	20.9	1,494,425	47	21.4	1,424,252	54	21.6	1,367,777	33	21.4
	Less than Core	66,225	40	16.6	79,145	8	16.4	149,746	40	19.7	205,148	12	18.3
	Missing	46,708	39	16.5	49,542	21	18.1	49,114	28	17.9	50,187	13	17.8

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.

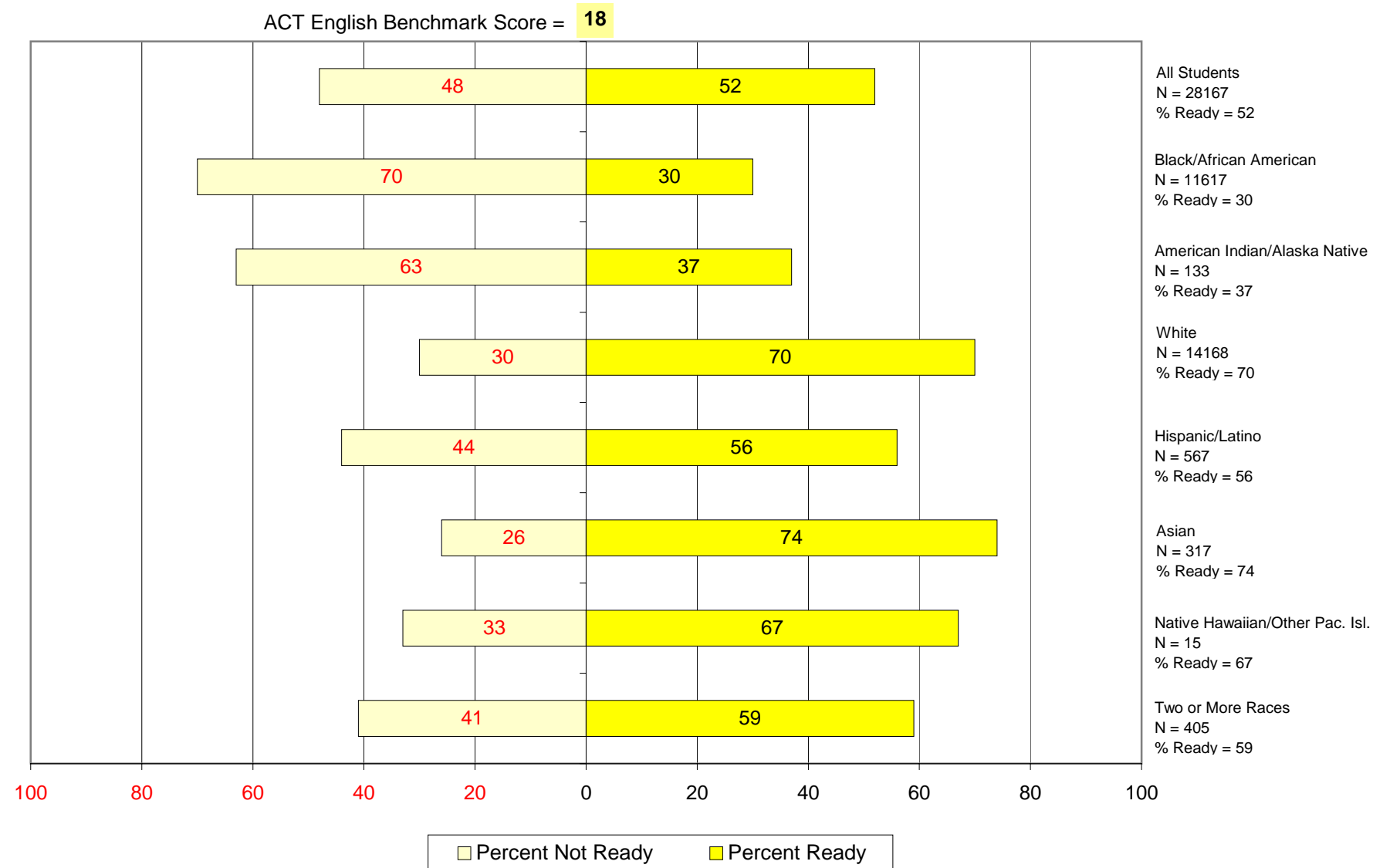
³ Zero years or no coursework information reported in the specified content area.

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

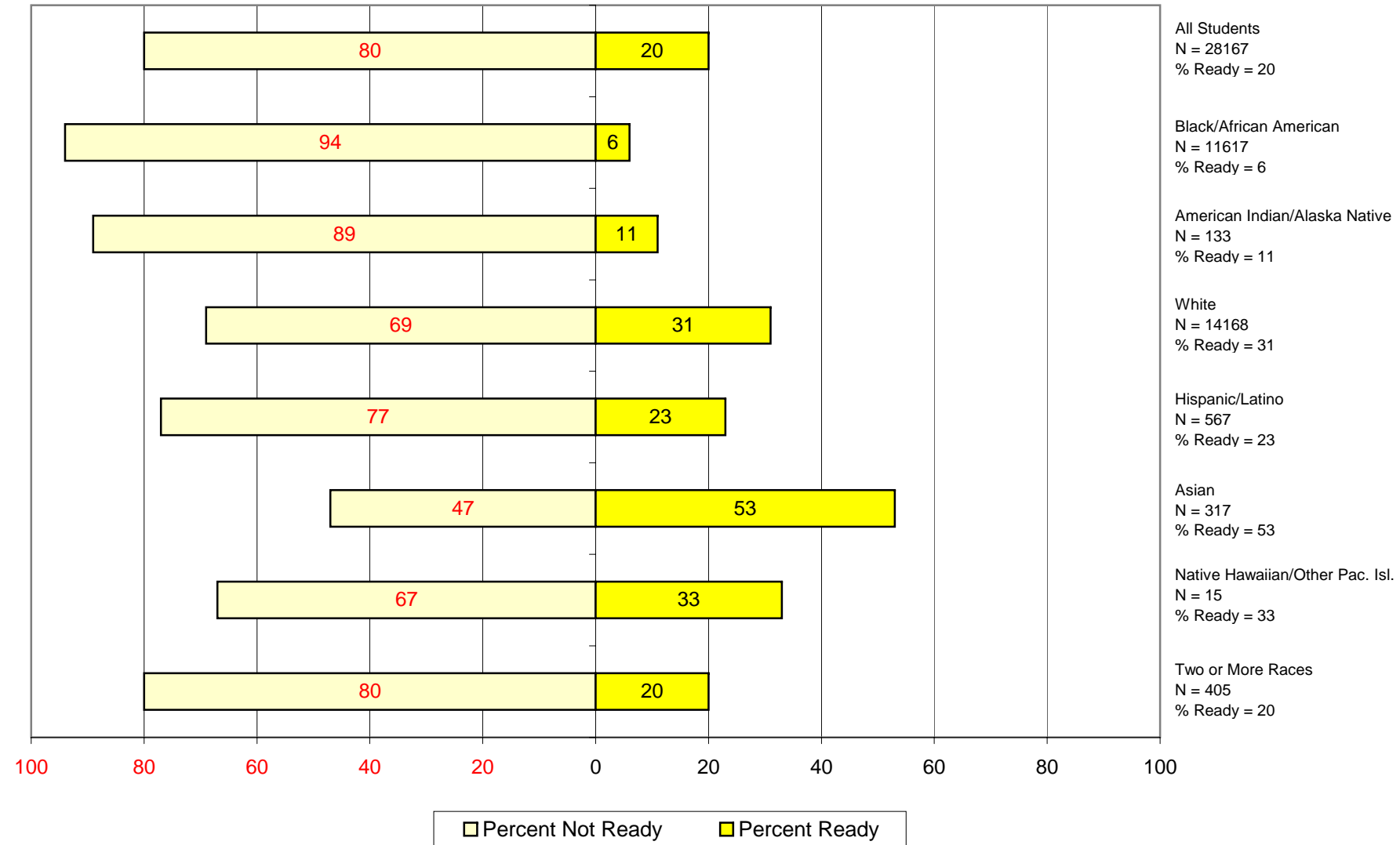


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 28,167

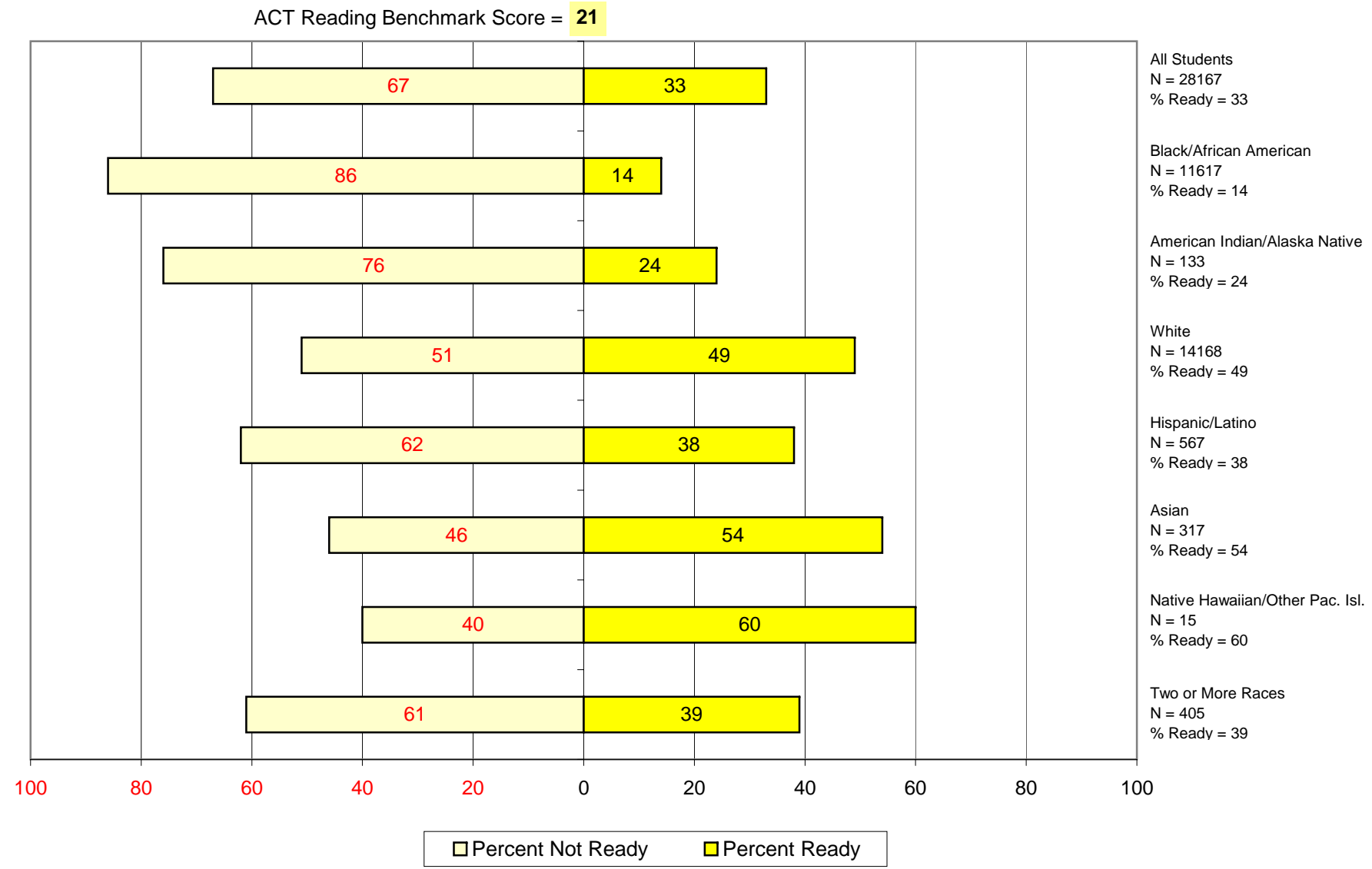
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

ACT Mathematics Benchmark Score = **22**



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

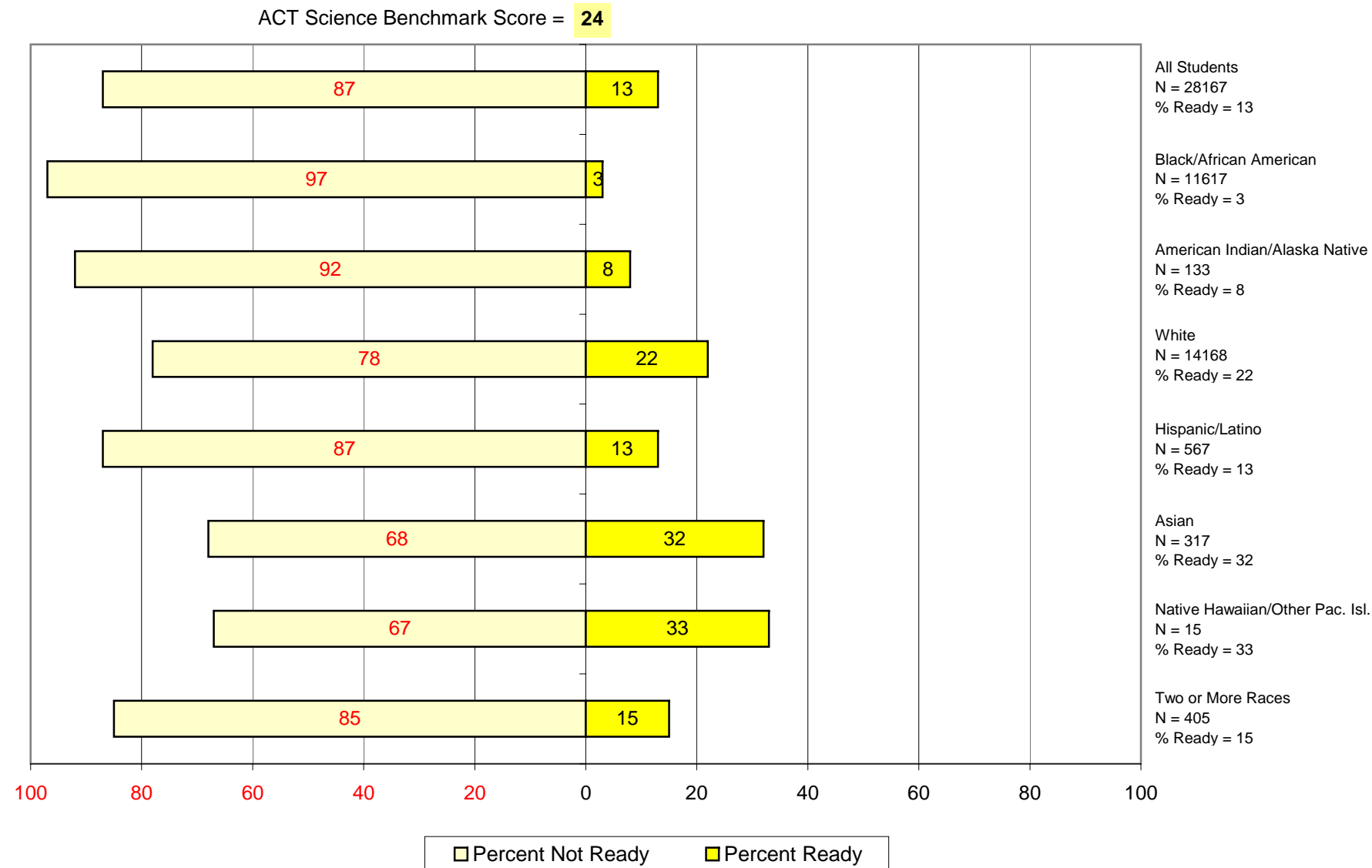
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING



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

Total Students in Report: 28,167

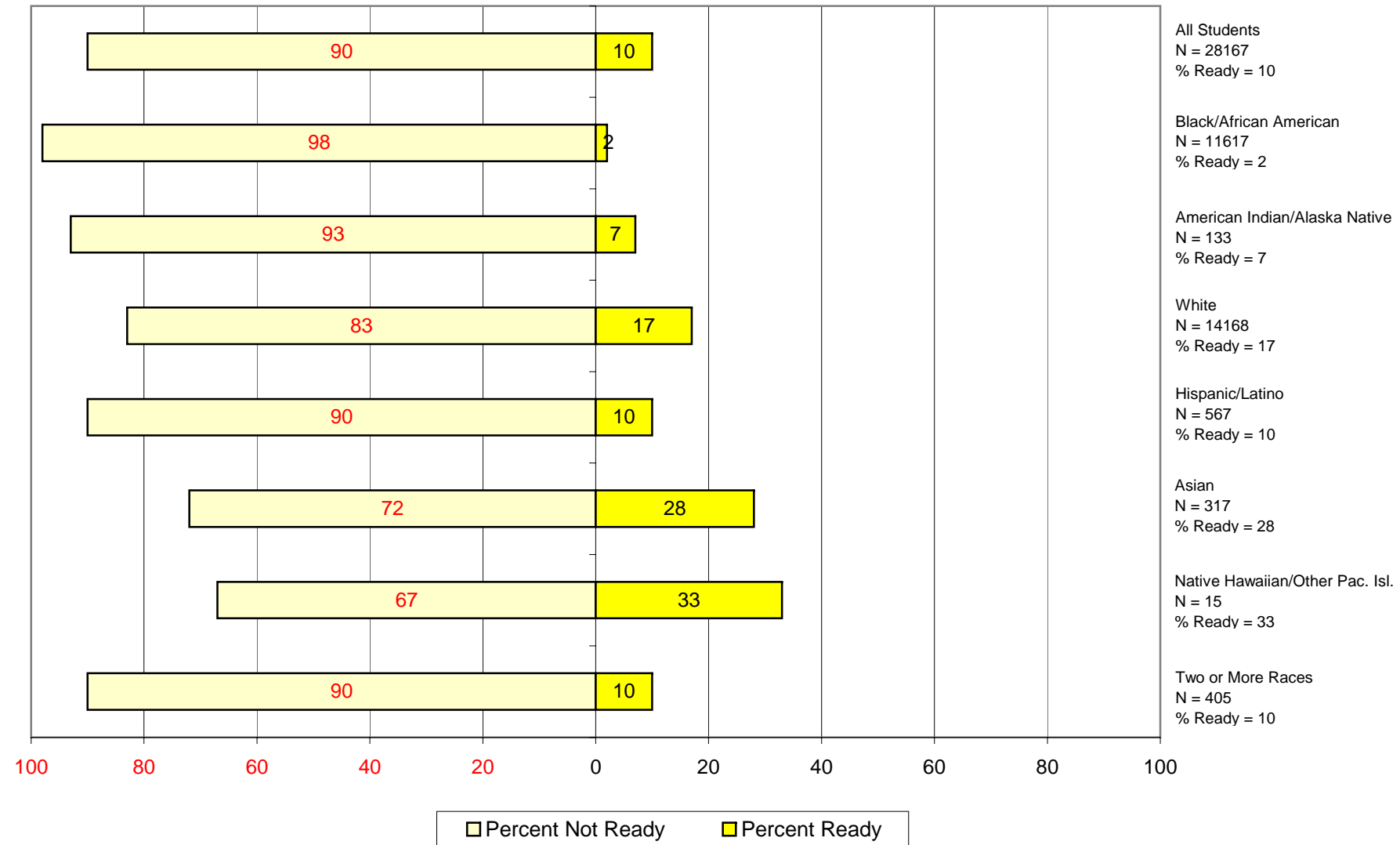
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE



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

Total Students in Report: 28,167

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: 28,167

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	5,905	21	19.6	4.7	2,541	20	19.2	4.6	3,362	22	19.9	4.7
Eng 9, Eng 10, Eng 11, Eng 12	21,137	75	18.5	3.6	9,529	75	18.1	3.5	11,602	75	18.8	3.6
Less than 4 years of English	679	2	14.9	-	324	3	14.6	-	352	2	15.2	-
Zero years / no English courses reported	446	2	14.8	-	275	2	14.6	-	170	1	15.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,570	6	19.6	4.0	674	5	20.5	4.7	895	6	19.0	3.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,959	11	19.5	3.9	1,109	9	20.1	4.3	1,848	12	19.2	3.8
Alg 1, Alg 2, Geom, & Trig	2,057	7	17.8	2.2	856	7	18.2	2.4	1,200	8	17.6	2.2
Alg 1, Alg 2, Geom, & Other Adv Math	1,607	6	17.7	2.1	688	5	17.9	2.1	919	6	17.5	2.1
Other comb of 4 or more years of Math	8,758	31	20.2	4.6	4,123	33	20.8	5.0	4,632	30	19.6	4.2
Alg 1, Alg 2, & Geom	6,881	24	16.3	0.7	3,001	24	16.5	0.7	3,878	25	16.1	0.7
Other comb of 3 or 3.5 years of Math	1,266	4	16.8	1.2	671	5	17.1	1.3	595	4	16.4	1.0
Less than 3 years of Math	2,576	9	15.6	-	1,249	10	15.8	-	1,325	9	15.4	-
Zero years / no Math courses reported	493	2	16.1	-	298	2	16.3	-	194	1	15.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	284	1	18.3	2.6	169	1	17.6	2.1	115	1	19.2	3.3
Other comb of 4 or more years Social Science	22,296	79	19.4	3.7	9,845	78	19.3	3.8	12,446	80	19.4	3.5
US Hist, World Hist, & Am Gov	361	1	16.3	0.6	180	1	16.4	0.9	181	1	16.1	0.2
Other comb of 3 or 3.5 years of Social Science	3,685	13	17.2	1.5	1,659	13	17.3	1.8	2,022	13	17.1	1.2
Less than 3 years of Social Science	1,076	4	15.7	-	531	4	15.5	-	543	4	15.9	-
Zero years / no Social Science courses reported	465	2	15.6	-	285	2	15.7	-	179	1	15.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	8,772	31	19.8	2.6	4,154	33	20.5	3.1	4,615	30	19.2	2.0
Bio, Chem, Phys	1,679	6	21.4	4.2	745	6	22.4	5.0	933	6	20.6	3.4
Gen Sci ² , Bio, Chem	8,485	30	18.6	1.4	3,621	29	18.7	1.3	4,862	31	18.5	1.3
Other comb of 3 years of Natural Science	586	2	17.0	-0.2	283	2	17.6	0.2	303	2	16.4	-0.8
Less than 3 years of Natural Science	8,150	29	17.2	-	3,568	28	17.4	-	4,577	30	17.2	-
Zero years / no Natural Science courses reported	495	2	16.4	-	298	2	16.5	-	196	1	16.1	-

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

²Includes General, Physical and Earth Sciences.

Total Students in Report: 28,167

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	5,905	21	19.6	58	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	21,137	75	18.5	52	1,143,409	70	20.6	66
Less than 4 years of English	679	2	14.9	29	66,225	4	16.6	40
Zero years / no English courses reported	446	2	14.8	25	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,570	6	19.6	33	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,959	11	19.5	31	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	2,057	7	17.8	16	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	1,607	6	17.7	14	271,304	17	19.9	36
Other comb of 4 or more years of Math	8,758	31	20.2	38	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	6,881	24	16.3	4	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	1,266	4	16.8	8	78,953	5	19.9	35
Less than 3 years of Math	2,576	9	15.6	2	79,145	5	16.4	8
Zero years / no Math courses reported	493	2	16.1	5	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	284	1	18.3	29	47,284	3	22.5	59
Other comb of 4 or more years Social Science	22,296	79	19.4	37	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	361	1	16.3	14	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	3,685	13	17.2	22	445,631	27	21.1	51
Less than 3 years of Social Science	1,076	4	15.7	14	149,746	9	19.7	40
Zero years / no Social Science courses reported	465	2	15.6	14	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	8,772	31	19.8	22	686,167	42	22.1	39
Bio, Chem, Phys	1,679	6	21.4	31	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	8,485	30	18.6	10	476,294	29	20.1	21
Other comb of 3 years of Natural Science	586	2	17.0	4	45,296	3	19.6	20
Less than 3 years of Natural Science	8,150	29	17.2	6	205,148	13	18.3	12
Zero years / no Natural Science courses reported	495	2	16.4	3	50,187	3	17.8	13

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: 28,167

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	568	2	17.2	110	3	15.6	430	2	17.7
Architecture	286	1	18.7	30	1	15.2	243	1	19.1
Area, Ethnic, & Multidisciplinary Studies	35	0	23.1	1	0	12.0	34	0	23.4
Arts: Visual & Performing	1,538	5	19.0	170	5	16.2	1,277	6	19.5
Business	2,373	8	17.8	304	9	15.5	1,962	9	18.2
Communications	301	1	19.5	21	1	16.3	266	1	19.9
Community, Family, & Personal Services	900	3	16.9	188	6	15.3	664	3	17.4
Computer Science & Mathematics	759	3	18.9	103	3	15.9	605	3	19.6
Education	1,766	6	18.1	147	5	15.1	1,546	7	18.5
Engineering	1,459	5	19.3	147	5	15.2	1,243	5	20.0
Engineering Technology & Drafting	742	3	19.2	92	3	15.7	618	3	19.8
English & Foreign Languages	213	1	21.9	10	0	18.8	189	1	22.3
Health Administration & Assisting	1,167	4	16.6	215	7	15.6	891	4	16.9
Health Sciences & Technologies	7,252	26	19.0	687	21	16.3	6,347	28	19.4
Philosophy, Religion, & Theology	119	0	21.2	5	0	16.4	108	0	21.5
Repair, Production, & Construction	662	2	16.1	323	10	15.8	300	1	16.7
Sciences: Biological & Physical	1,490	5	20.7	38	1	16.8	1,403	6	20.9
Social Sciences & Law	1,518	5	19.3	61	2	15.7	1,395	6	19.6
Undecided	4,216	15	19.3	507	16	15.6	3,330	14	20.0
No Response	803	3	15.8	85	3	14.6	118	1	16.2

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: 28,167

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	672	15.3	345	14.2	6	15.7	277	16.5	19	15.5
2-yr College Degree	2,572	15.9	1,176	14.5	12	14.1	1,250	17.1	40	16.5
Bachelors Degree	12,729	18.1	5,193	16.0	54	17.0	6,580	19.7	255	18.3
Graduate Study	2,892	20.9	910	17.3	14	20.6	1,713	22.8	61	21.9
Prof. Level Degree	7,348	20.6	3,130	17.9	31	19.5	3,455	22.9	150	20.7
Other	675	16.3	326	14.7	8	15.0	265	17.9	22	17.4
No Response	1,279	17.1	537	15.0	8	14.9	628	18.8	20	16.5

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	672	15.3	1	20.0	0	.	7	16.4	17	16.2
2-yr College Degree	2,572	15.9	13	18.2	0	.	27	16.1	54	15.2
Bachelors Degree	12,729	18.1	105	19.2	10	20.9	174	18.8	358	17.7
Graduate Study	2,892	20.9	33	23.5	1	25.0	27	20.7	133	20.2
Prof. Level Degree	7,348	20.6	142	24.8	2	21.0	142	20.7	296	21.3
Other	675	16.3	13	19.5	1	16.0	9	18.6	31	16.6
No Response	1,279	17.1	10	19.9	1	20.0	19	17.9	56	17.3

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

Total Students in Report: 28,167

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	9,042	3,023	6,019	2	15	34	26	15	7	0
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	6,439	1,688	4,751	2	17	37	25	13	5	0
UNIVERSITY OF MISSISSIPPI	Mississippi	6,194	1,988	4,206	2	11	31	29	18	9	1
JACKSON STATE UNIVERSITY	Mississippi	2,651	744	1,907	6	35	43	14	2	0	0
JONES COUNTY JUNIOR COLLEGE	Mississippi	1,922	912	1,010	5	27	36	21	9	1	0
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	Mississippi	1,863	850	1,013	6	29	37	19	8	2	0
ALCORN STATE UNIVERSITY	Mississippi	1,811	589	1,222	7	38	44	9	2	0	0
DELTA STATE UNIVERSITY	Mississippi	1,774	415	1,359	4	21	40	24	9	2	0
ITAWAMBA COMMUNITY COLLEGE	Mississippi	1,682	817	865	4	24	39	22	8	2	0
MISSISSIPPI COLLEGE	Mississippi	1,328	270	1,058	1	8	27	29	24	11	0
NORTHEAST MISSISSIPPI COMM COLL	Mississippi	1,305	599	706	4	22	42	24	7	2	0
HOLMES COMMUNITY COLLEGE	Mississippi	1,293	418	875	6	25	39	22	7	1	0
PEARL RIVER COMMUNITY COLLEGE	Mississippi	1,281	525	756	6	23	41	21	7	2	0
HINDS COMM COLLEGE-RAYMOND CAMPUS	Mississippi	1,231	472	759	6	32	39	16	5	1	0
MERIDIAN COMMUNITY COLLEGE	Mississippi	907	339	568	6	29	38	20	7	2	0
WILLIAM CAREY UNIVERSITY	Mississippi	880	115	765	3	17	35	24	15	6	0
COPIAH-LINCOLN COMMUNITY COLLEGE	Mississippi	875	392	483	6	25	40	19	8	1	0
EAST CENTRAL COMMUNITY COLLEGE	Mississippi	839	376	463	5	29	36	20	8	1	0
UNIVERSITY OF SOUTH ALABAMA	Alabama	828	258	570	1	9	32	30	18	8	0
UNIVERSITY OF ALABAMA	Alabama	804	164	640	1	9	26	28	19	16	1
REDESIGN EDUCATION INITIATIVE	Mississippi	797	428	369	8	30	34	18	8	3	0
MISSISSIPPI UNIV FOR WOMEN	Mississippi	745	142	603	3	18	39	24	11	4	0
MISSISSIPPI VALLEY STATE UNIV	Mississippi	724	141	583	12	41	37	9	1	0	0
MS GULF COAST CC-PERKINSTON CAMPUS	Mississippi	714	264	450	5	21	39	25	8	2	0
LOUISIANA ST UNIV/A&M-BATON ROUGE	Louisiana	701	170	531	1	11	24	30	19	12	1
UNIVERSITY OF MEMPHIS	Tennessee	685	151	534	2	18	38	27	11	4	0
EAST MISSISSIPPI COMM COLL	Mississippi	642	216	426	10	35	36	15	4	0	0
MISSISSIPPI DELTA COMM COLL	Mississippi	624	192	432	10	39	35	13	3	0	0
MS GULF COAST CC-JEFFERSON DAVIS CAMPUS	Mississippi	610	268	342	3	18	40	27	10	2	0
SOUTHWEST MISSISSIPPI COMMUNITY COLL	Mississippi	595	221	374	7	30	37	18	8	1	0
All Other Institutions		17,579	4,252	13,327	4	18	32	22	14	9	2
Total		69,365	21,399	47,966	4	20	35	23	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: 28,167

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	2,390	905,035	21.5	21.5	6.4	7.1	20.1	20.8
Black/African American	977	112,251	17.5	16.7	6.0	6.3	16.8	16.5
American Indian/Alaska Native	14	5,519	17.4	18.4	5.6	6.5	16.3	18.0
White	1,107	522,234	24.5	23.2	6.7	7.3	22.6	22.2
Hispanic/Latino	61	128,599	22.4	18.4	6.6	6.8	21.0	18.2
Asian	61	51,829	27.8	23.8	7.9	7.6	26.1	22.9
Native Hawaiian/Other Pac. Isl.	2	1,332	17.0	19.7	7.0	7.2	17.5	19.5
Two or more races	67	27,722	21.8	21.6	6.2	7.0	20.2	20.8
Prefer not/No Response	101	55,549	22.2	21.3	6.6	7.0	20.9	20.5
Males	1,030	399,206	21.4	21.3	6.2	6.8	19.8	20.3
Females	1,360	503,699	21.5	21.8	6.6	7.3	20.3	21.1
Missing	0	2,130	.	17.6	.	6.2	.	17.1

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

