

ACT Profile Report - State

Graduating Class 2009
Mississippi



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This report provides information about the performance of your 2009 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 2009 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.

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

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: 25,976 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. 61% 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 11% of the cohort took less than three years of math courses. Of these students, 2% were college ready. 28% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 4% of these students were college ready. In comparison, 31% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 34% of the cohort took less than three years of natural science courses. 6% of these students were college ready. In comparison, 18% 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.

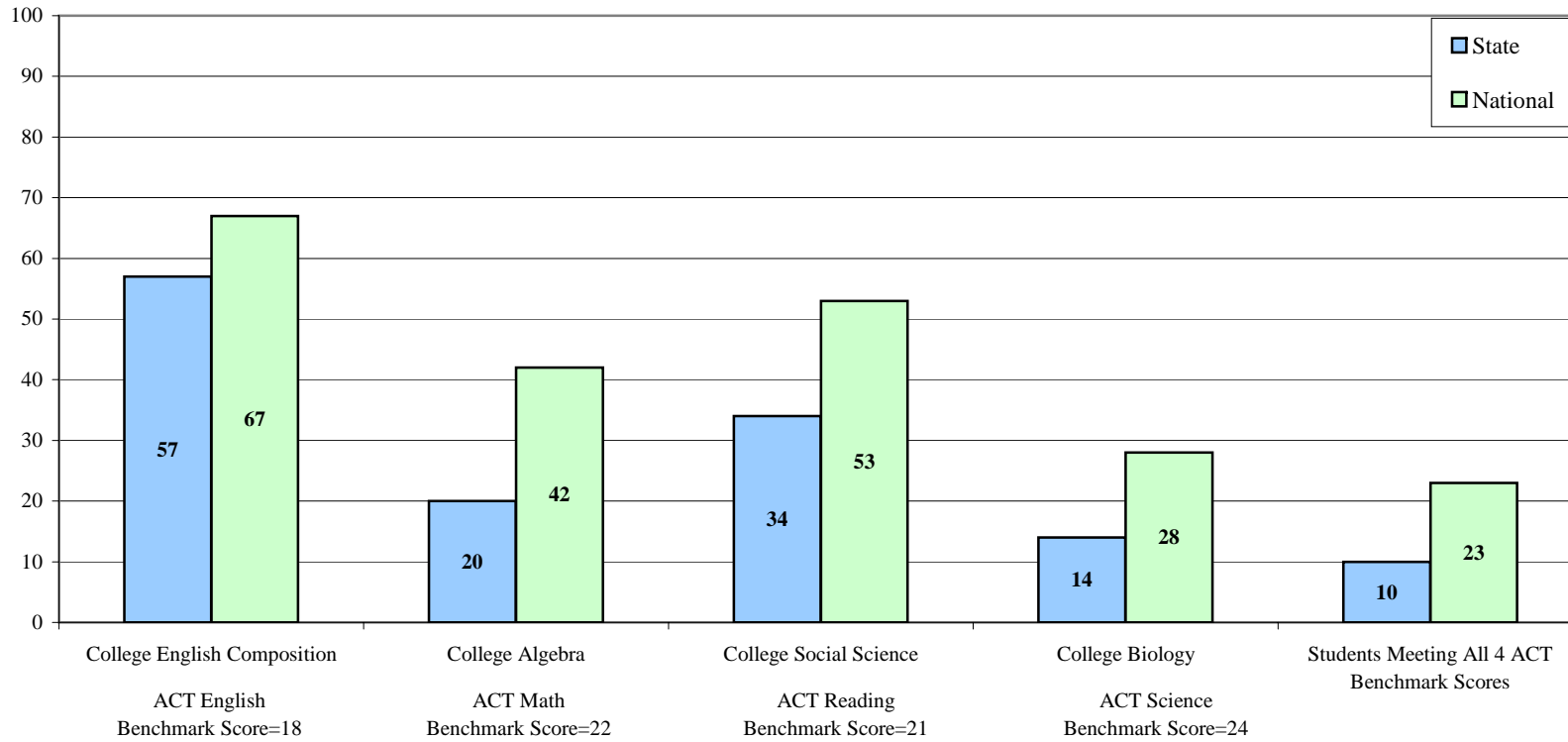
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 404-231-1952.

Section I

Executive Summary

Total Students in Report: 25,976

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: 25,976

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
2005	23,819	1,186,251	55	68	18	41	33	51	12	26	9	21
2006	23,765	1,206,455	57	69	18	42	35	53	12	27	9	21
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

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
2005	23,819	1,186,251	18.8	20.4	17.8	20.7	18.9	21.3	18.6	20.9	18.7	20.9
2006	23,765	1,206,455	19.1	20.6	18.0	20.8	19.1	21.4	18.7	20.9	18.8	21.1
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

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

Total Students in Report: 25,976

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
2005	12,149	10,516	51	44	20.4	17.0	19.0	16.4	20.2	17.4	19.7	17.4	20.0	17.2
2006	12,183	10,168	51	43	20.7	17.2	19.1	16.7	20.4	17.6	19.8	17.5	20.1	17.4
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

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

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

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	23,819	100	18.7	23,765	100	18.8	24,669	100	18.9	25,641	100	18.9	25,976	100	18.9
African American/Black	8,432	35	16.2	8,558	36	16.5	8,952	36	16.4	9,518	37	16.5	10,287	40	16.5
American Indian/Alaska Native	113	0	17.8	107	0	17.3	121	0	17.4	130	1	17.3	119	0	18.2
Caucasian American/White	13,407	56	20.1	13,062	55	20.3	13,095	53	20.4	13,955	54	20.5	13,813	53	20.5
Hispanic	199	1	19.2	237	1	19.6	231	1	19.3	271	1	18.9	315	1	19.3
Asian American/Pacific Islander	262	1	21.2	237	1	21.0	262	1	22.0	327	1	21.7	312	1	22.4
Other/No Response	1,406	6	18.9	1,564	7	18.8	2,008	8	19.6	1,440	6	19.4	1,130	4	19.5

Section II

Academic Achievement

Total Students in Report: 25,976

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	54	100	20	100	100	100	23	100	5	100	36
35	209	100	32	100	34	100	24	100	16	100	35
34	208	99	36	100	184	99	28	100	35	100	34
33	206	98	71	100	276	99	57	100	58	100	33
32	244	97	67	99	215	98	53	99	100	100	32
31	245	96	84	99	303	97	106	99	157	99	31
30	392	96	95	99	521	96	138	99	289	99	30
29	412	94	204	98	474	94	177	98	346	97	29
28	495	92	265	98	492	92	237	98	366	96	28
27	524	91	370	97	479	90	299	97	477	95	27
26	793	88	574	95	530	88	545	96	645	93	26
25	993	85	673	93	609	86	1,036	94	761	90	25
24	907	82	940	90	795	84	852	90	882	87	24
23	1,199	78	902	87	1,147	81	1,240	86	1,064	84	23
22	1,306	74	857	83	1,211	76	1,441	81	1,299	80	22
21	1,703	68	1,035	80	1,556	72	1,837	76	1,662	75	21
20	1,741	62	1,159	76	1,682	66	2,848	69	1,821	69	20
19	1,719	55	1,511	72	1,698	59	2,349	58	2,110	62	19
18	1,359	49	2,030	66	1,386	53	2,649	49	2,409	53	18
17	1,499	43	3,450	58	1,850	47	1,831	39	2,452	44	17
16	1,829	38	4,924	45	2,335	40	2,008	32	2,499	35	16
15	2,040	31	3,948	26	2,010	31	1,536	24	2,417	25	15
14	1,271	23	1,947	11	2,095	23	1,357	18	1,885	16	14
13	1,064	18	535	3	1,706	15	1,206	13	1,357	9	13
12	1,040	14	158	1	1,174	9	822	8	635	3	12
11	894	10	76	1	655	4	683	5	179	1	11
10	730	6	9	1	270	2	319	2	35	1	10
9	538	3	1	1	93	1	194	1	12	1	9
8	236	1	1	1	52	1	50	1	3	1	8
7	91	1	0	1	25	1	14	1	0	1	7
6	20	1	1	1	8	1	11	1	0	1	6
5	12	1	0	1	8	1	4	1	0	1	5
4	1	1	1	1	3	1	0	1	0	1	4
3	2	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	2	1	0	1	1
Avg (SD)	19.1 (6.0)		18.3 (4.1)		19.0 (5.6)		18.7 (4.5)		18.9 (4.5)		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: 25,976

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	679	100	195	100	342	100	548	100	243	100	57	100	60	100	18
17	549	97	191	99	473	99	648	98	465	99	50	100	27	100	17
16	945	95	873	99	679	97	1,041	95	477	97	198	100	228	100	16
15	1,008	92	964	95	943	94	1,269	91	721	95	235	99	323	99	15
14	963	88	1,231	91	810	91	1,387	87	977	93	942	98	788	98	14
13	1,374	84	1,502	87	1,455	88	990	81	1,157	89	1,112	94	1,344	95	13
12	1,769	79	2,153	81	1,559	82	1,592	77	1,616	84	1,679	90	1,207	89	12
11	1,955	72	2,312	73	1,738	76	2,286	71	1,916	78	2,705	84	2,140	85	11
10	3,062	64	3,127	64	3,326	69	2,269	62	2,416	71	5,073	73	3,538	76	10
9	2,911	53	3,523	52	3,173	56	2,044	54	2,808	62	4,825	54	3,984	63	9
8	2,310	41	2,968	38	4,248	44	2,727	46	4,251	51	3,816	35	4,153	47	8
7	2,680	33	2,771	27	3,521	28	2,692	35	5,167	34	2,309	20	2,659	32	7
6	2,422	22	1,315	16	1,936	14	2,392	25	2,464	14	1,025	11	2,170	21	6
5	1,490	13	1,411	11	950	7	2,514	16	771	5	997	8	1,634	13	5
4	1,180	7	988	6	397	3	948	6	352	2	493	4	662	7	4
3	513	3	390	2	293	2	482	2	139	1	329	2	721	4	3
2	147	1	54	1	119	1	142	1	28	1	58	1	163	1	2
1	19	1	8	1	14	1	5	1	8	1	73	1	175	1	1
Avg (SD)	9.6 (3.7)		9.6 (3.2)		9.5 (3.2)		9.5 (3.8)		9.2 (3.0)		9.3 (2.5)		8.7 (2.9)		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)	23	20	22	21	22
Q2 (50th Percentile)	19	17	18	19	18
Q1 (25th Percentile)	15	15	15	16	15

Total Students in Report: 25,976

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	25,976	61	20.0	17.3
	African American/Black	10,287	57	17.1	15.8
	American Indian/Alaska Native	119	50	19.5	16.9
	Caucasian American/White	13,813	63	21.8	18.5
	Hispanic	315	60	20.3	17.9
	Asian American/Pacific Islander	312	80	23.2	18.9
	Other/No Response	1,130	61	20.6	17.7
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	19.1	18.3	19.0	18.7	18.9
	African American/Black	16.1	16.3	16.2	16.8	16.5
	American Indian/Alaska Native	18.1	17.5	18.6	18.0	18.2
	Caucasian American/White	21.2	19.5	20.9	20.0	20.5
	Hispanic	19.1	18.6	19.7	19.2	19.3
	Asian American/Pacific Islander	22.7	22.4	22.2	21.7	22.4
	Other/No Response	19.6	19.0	19.6	19.1	19.5
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 25,976

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	677	3	159	1	594	2	132	1
	28 to 32	1,788	7	715	3	2,005	8	711	3
	24 to 27	3,217	12	2,557	10	2,413	9	2,732	11
	20 to 23	5,949	23	3,953	15	5,596	22	7,366	28
	16 to 19	6,406	25	11,915	46	7,269	28	8,837	34
	13 to 15	4,375	17	6,430	25	5,811	22	4,099	16
	01 to 12	3,564	14	247	1	2,288	9	2,099	8
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	11,540	44	18.8	18.7	19.0	19.1	19.0
	Females	14,388	55	19.3	17.9	19.0	18.4	18.8
	Missing	48	0	17.5	17.6	18.2	18.1	18.0
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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	54	24	34	17	13
	Females	59	17	34	11	8
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 25,976

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 % ³	Avg
State	Core or More ²	15,743	66	20.4	27	19.2	42	20.1	19	19.6	14	20.0
	Less than Core	9,689	43	17.1	9	16.9	23	17.4	6	17.3	3	17.3
	Missing	544	28	15.0	7	16.2	15	16.0	5	16.3	3	16.0
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

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.

³Composite 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	24,858	58	19.2	22,823	22	18.6	24,461	35	19.2	16,836	18	19.5
	Less than Core	715	30	15.4	2,687	2	15.6	1,083	15	16.0	8,681	6	17.3
	Missing	403	33	15.5	466	6	16.2	432	18	16.5	459	5	16.5
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

¹"Curriculum Taken" reflects content-specific curriculum in this table.

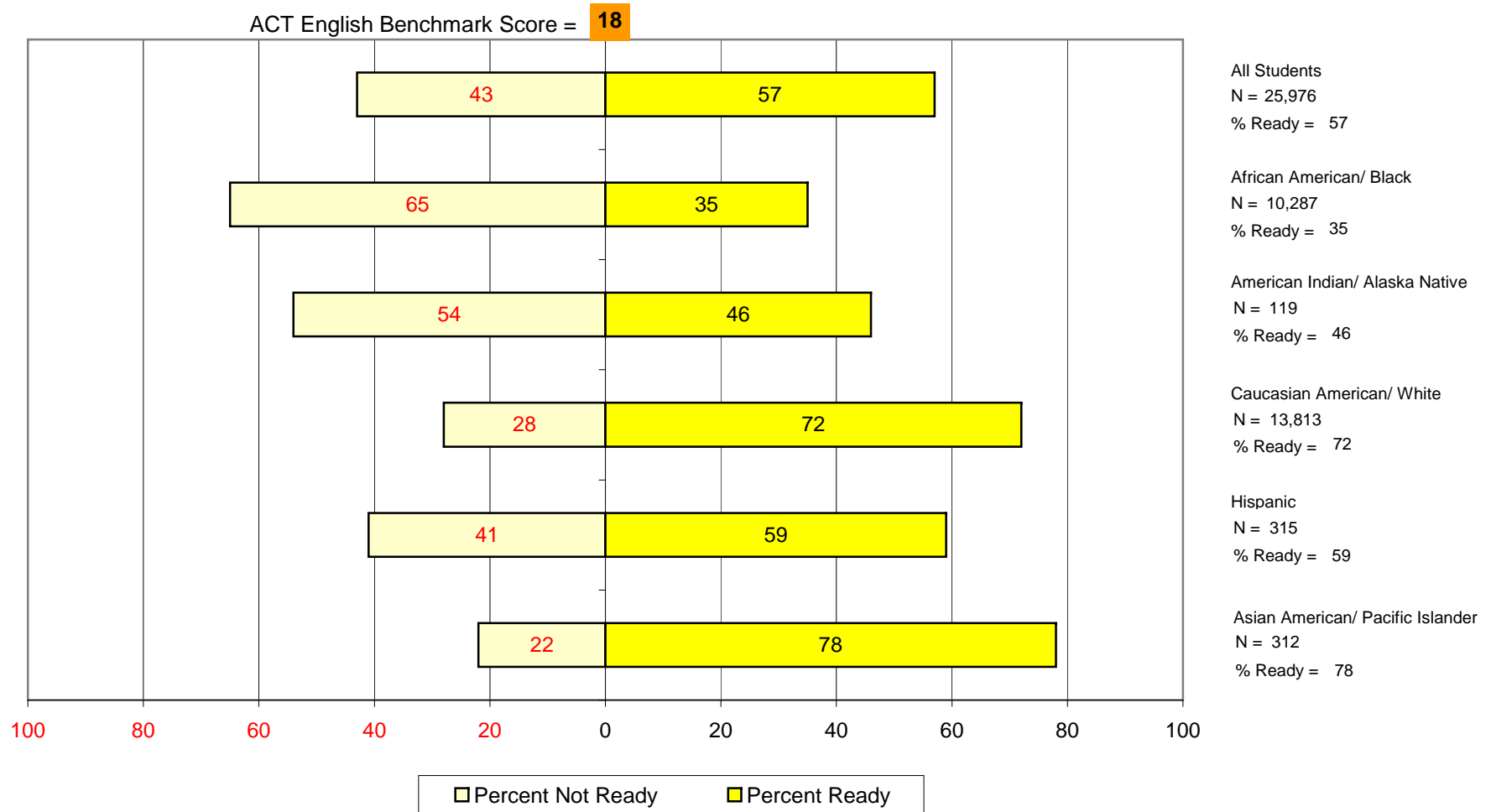
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

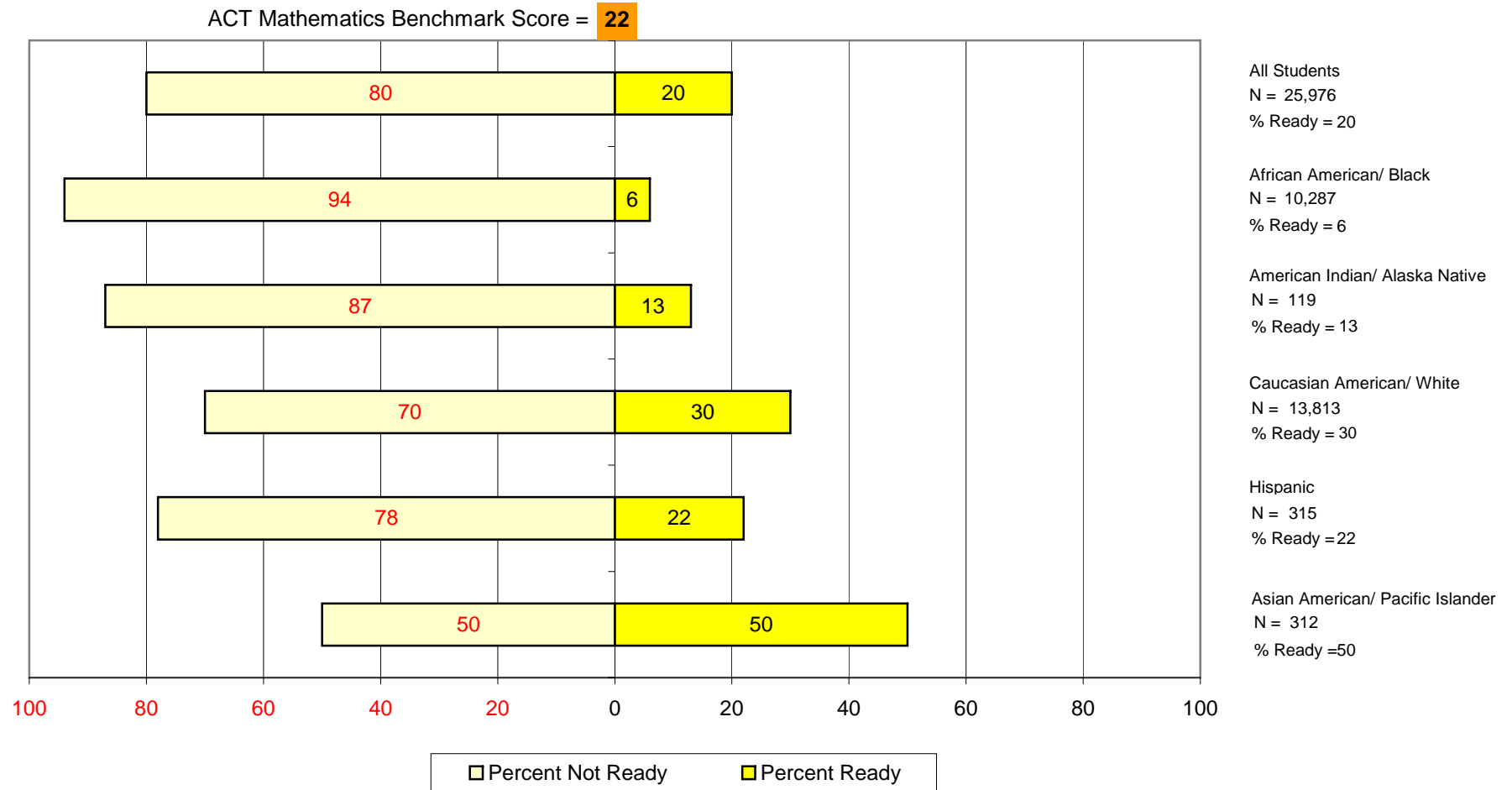
Total Students in Report: 25,976

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



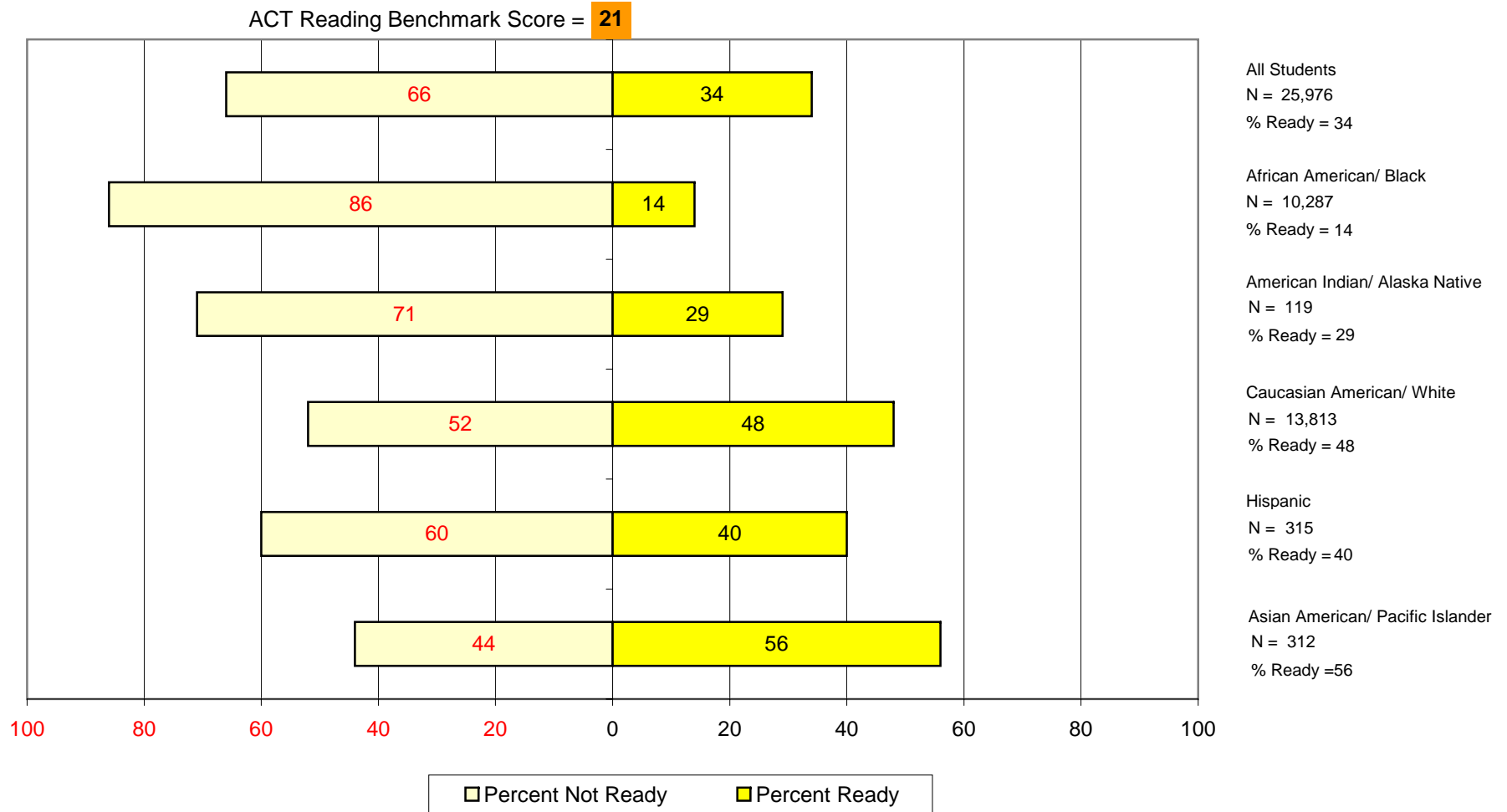
Total Students in Report: 25,976

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



Total Students in Report: 25,976

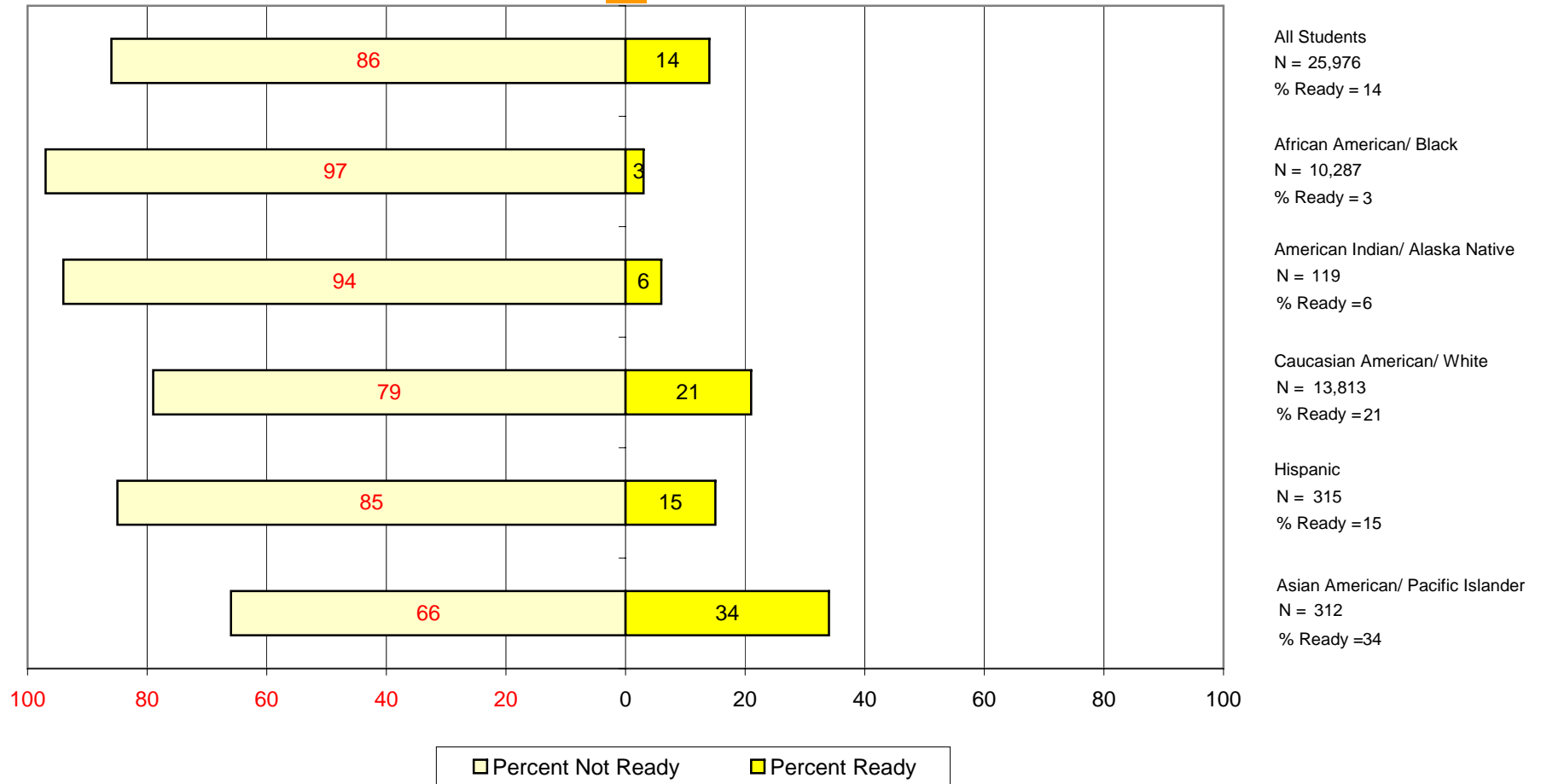
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 25,976

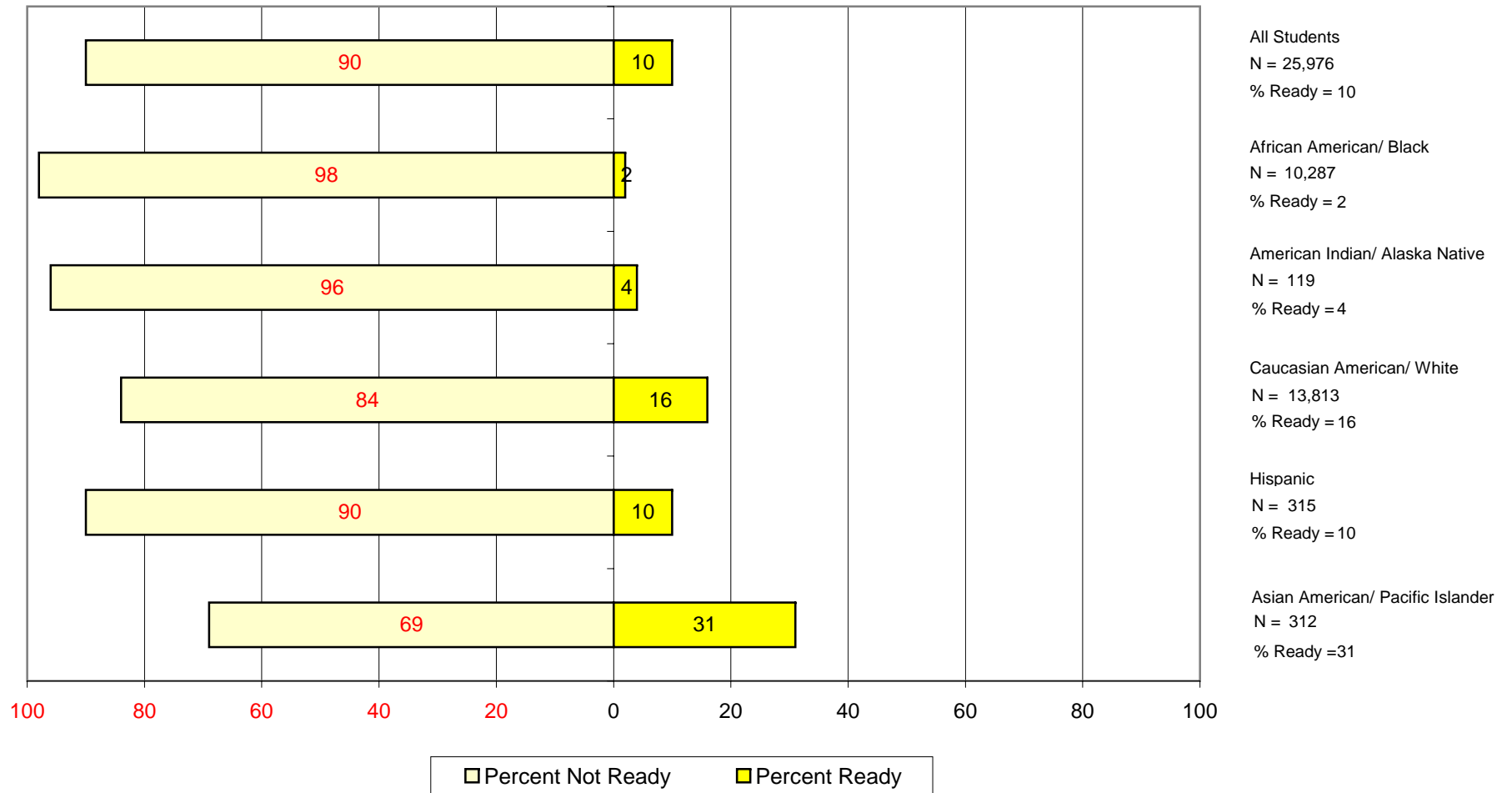
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 25,976

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



Total Students in Report: 25,976

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	4,572	18	20.6	5.3	1,944	17	20.2	5.1	2,625	18	20.9	5.6
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	20,286	78	18.9	3.6	8,989	78	18.7	3.6	11,272	78	19.2	3.9
Less than 4 years of English	746	3	15.3	-	379	3	15.1	-	358	2	15.3	-
No English course/grade information reported	372	1	15.9	-	228	2	15.8	-	133	1	16.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,409	5	20.2	4.6	606	5	21.2	5.4	802	6	19.4	4.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,959	11	19.9	4.3	1,077	9	20.5	4.7	1,880	13	19.5	4.1
Alg 1, Alg 2, Geom, & Trig	2,059	8	17.9	2.3	870	8	18.5	2.7	1,187	8	17.4	2.0
Alg 1, Alg 2, Geom, & Other Adv Math	1,413	5	18.0	2.4	570	5	18.3	2.5	842	6	17.8	2.4
Other comb of 4 or more years of Math	6,537	25	20.7	5.1	3,092	27	21.4	5.6	3,439	24	20.0	4.6
Alg 1, Alg 2, & Geom (Min. Core)	7,276	28	16.4	0.8	3,108	27	16.7	0.9	4,158	29	16.2	0.8
Other comb of 3 or 3.5 years of Math	1,170	5	17.1	1.5	598	5	17.5	1.7	567	4	16.7	1.3
Less than 3 years of Math	2,771	11	15.6	-	1,389	12	15.8	-	1,374	10	15.4	-
No Math course/grade information reported	382	1	16.6	-	230	2	16.8	-	139	1	16.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	396	2	19.6	3.7	225	2	19.4	3.6	171	1	20.0	4.0
Other comb of 4 or more years Social Science	19,684	76	19.5	3.6	8,483	74	19.6	3.8	11,183	78	19.5	3.5
US Hist, World Hist, & Am Gov (Min. Core)	475	2	16.6	0.7	239	2	16.6	0.8	234	2	16.7	0.7
Other comb of 3 or 3.5 years of Social Science	3,906	15	17.5	1.6	1,769	15	17.6	1.8	2,130	15	17.4	1.4
Less than 3 years of Social Science	1,119	4	15.9	-	582	5	15.8	-	528	4	16.0	-
No Soc Sci course/grade information reported	396	2	16.7	-	242	2	16.6	-	142	1	16.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	6,542	25	20.2	2.9	3,145	27	20.9	3.5	3,391	24	19.5	2.2
Bio, Chem, Phys	1,638	6	21.7	4.4	731	6	22.8	5.4	902	6	20.8	3.5
Gen Sci ² , Bio, Chem (Min. Core)	8,227	32	18.6	1.3	3,418	30	18.8	1.4	4,800	33	18.4	1.1
Other comb of 3 years of Natural Science	429	2	17.6	0.3	219	2	18.1	0.7	209	1	17.1	-0.2
Less than 3 years of Natural Science	8,741	34	17.3	-	3,786	33	17.4	-	4,940	34	17.3	-
No Nat Sci course/grade information reported	399	2	16.7	-	241	2	16.8	-	146	1	16.5	-

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 25,976

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	4,572	18	20.6	66	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	20,286	78	18.9	56	1,029,431	70	20.6	68
Less than 4 years of English	746	3	15.3	30	74,090	5	16.7	42
No English course/grade information reported	372	1	15.9	34	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,409	5	20.2	37	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,959	11	19.9	32	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	2,059	8	17.9	15	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	1,413	5	18.0	15	220,868	15	20.1	36
Other comb of 4 or more years of Math	6,537	25	20.7	41	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	7,276	28	16.4	4	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	1,170	5	17.1	10	70,732	5	20.1	35
Less than 3 years of Math	2,771	11	15.6	2	105,591	7	16.5	7
No Math course/grade information reported	382	1	16.6	8	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	396	2	19.6	41	46,754	3	22.8	61
Other comb of 4 or more years Social Science	19,684	76	19.5	38	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	475	2	16.6	16	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	3,906	15	17.5	23	420,236	28	21.3	52
Less than 3 years of Social Science	1,119	4	15.9	15	152,775	10	19.7	40
No Soc Sci course/grade information reported	396	2	16.7	19	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	6,542	25	20.2	24	563,824	38	22.2	39
Bio, Chem, Phys	1,638	6	21.7	34	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	8,227	32	18.6	11	459,833	31	20.1	21
Other comb of 3 years of Natural Science	429	2	17.6	8	41,353	3	19.8	21
Less than 3 years of Natural Science	8,741	34	17.3	6	233,215	16	18.4	11
No Nat Sci course/grade information reported	399	2	16.7	6	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	595	2	17.0	119	4	15.5	442	2	17.5
Architecture & Environmental Design	481	2	19.6	41	1	16.3	416	2	20.0
Business & Management	2,182	8	18.4	233	7	15.9	1,833	9	18.8
Business & Office	254	1	17.0	56	2	15.5	189	1	17.5
Marketing & Distribution	187	1	18.8	13	0	14.7	166	1	19.1
Communications & Comm. Technologies	381	1	19.9	24	1	16.1	340	2	20.3
Community & Personal Services	667	3	17.1	169	5	15.5	457	2	17.8
Computer & Information Sciences	637	2	19.3	78	2	16.2	519	3	19.7
Cross-Disciplinary Studies	21	0	21.9	2	0	20.5	18	0	22.4
Education	941	4	18.4	74	2	16.5	812	4	18.7
Teacher Education	759	3	17.7	70	2	15.8	658	3	18.0
Engineering	1,223	5	20.0	135	4	15.2	1,045	5	20.6
Engineering-Related Technologies	704	3	19.6	114	3	16.1	564	3	20.4
Foreign Languages	84	0	22.5	2	0	20.5	78	0	22.6
Health Sciences & Allied Health Fields	7,109	27	18.9	854	26	16.3	5,996	29	19.4
Human, Family & Consumer Science	334	1	16.9	84	3	15.5	231	1	17.5
Letters	96	0	24.0	1	0	18.0	90	0	24.1
Mathematics	165	1	20.5	9	0	15.1	143	1	20.9
Philosophy, Religion & Theology	111	0	21.8	5	0	17.8	99	0	22.1
Sciences (Biological & Physical)	1,150	4	21.4	32	1	16.3	1,070	5	21.7
Social Sciences	1,228	5	20.2	50	2	16.4	1,131	5	20.5
Trade & Industrial	587	2	16.1	364	11	15.6	182	1	17.2
Visual & Performing Arts	1,354	5	19.1	169	5	15.8	1,103	5	19.6
Undecided	3,767	15	19.0	537	16	15.9	2,917	14	19.6
No Response	959	4	16.5	89	3	14.5	172	1	17.3

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N count for All Students.

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

Total Students in Report: 25,976

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	569	15.5	253	14.5	6	15.5	274	16.3	6	15.3	6	16.5	24	15.7
2-yr College Degree	2,755	16.0	1,204	14.7	11	15.6	1,410	17.0	37	15.9	16	17.4	77	15.9
Bachelors Degree	9,802	18.3	3,671	16.1	40	17.0	5,543	19.8	101	18.9	83	20.2	364	18.4
Graduate Study	3,274	20.8	1,034	17.6	14	21.1	1,998	22.4	40	20.0	35	23.1	153	20.9
Prof. Level Degree	7,595	20.5	3,251	17.7	38	19.8	3,668	22.7	110	20.8	148	24.4	380	21.1
Other	701	16.8	353	15.2	4	15.8	293	18.5	10	17.5	10	18.2	31	17.5
No Response	1,280	17.7	521	15.1	6	18.3	627	19.4	11	20.2	14	23.0	101	19.5

Total Students in Report: 25,976

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	8,276	2,662	5,614	2	15	34	27	16	7	1	
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	6,478	1,774	4,704	2	17	37	26	12	5	0	
UNIVERSITY OF MISSISSIPPI	Mississippi	5,616	1,619	3,997	1	10	31	30	18	9	1	
JACKSON STATE UNIVERSITY	Mississippi	2,988	851	2,137	6	36	43	12	2	0	0	
JONES COUNTY JUNIOR COLLEGE	Mississippi	2,030	950	1,080	4	27	38	21	8	2	0	
DELTA STATE UNIVERSITY	Mississippi	2,011	505	1,506	3	23	39	23	9	3	0	
ALCORN STATE UNIVERSITY	Mississippi	1,948	594	1,354	6	38	44	10	2	0	0	
ITAWAMBA COMMUNITY COLLEGE	Mississippi	1,775	895	880	3	22	39	23	10	2	0	
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	Mississippi	1,745	799	946	5	26	40	22	6	1	0	
NORTHEAST MISSISSIPPI COMM COLL	Mississippi	1,379	601	778	4	24	38	22	10	2	0	
PEARL RIVER COMMUNITY COLLEGE	Mississippi	1,360	593	767	4	26	41	21	6	2	0	
MISSISSIPPI COLLEGE	Mississippi	1,347	276	1,071	1	9	28	29	20	11	1	
HOLMES COMMUNITY COLLEGE	Mississippi	1,289	445	844	6	28	36	21	7	1	0	
HINDS COMM COLLEGE-RAYMOND CAMPUS	Mississippi	1,248	490	758	5	31	39	17	7	1	0	
MISSISSIPPI VALLEY STATE UNIV	Mississippi	1,075	203	872	9	42	41	7	1	0	0	
MERIDIAN COMMUNITY COLLEGE	Mississippi	998	339	659	6	27	41	20	6	1	0	
WILLIAM CAREY UNIVERSITY	Mississippi	929	109	820	3	19	39	24	11	4	0	
MISSISSIPPI UNIV FOR WOMEN	Mississippi	870	166	704	3	20	37	26	11	3	0	
COPIAH-LINCOLN COMMUNITY COLLEGE	Mississippi	861	405	456	5	30	38	19	7	1	0	
EAST CENTRAL COMMUNITY COLLEGE	Mississippi	849	425	424	4	29	41	18	6	1	0	
TOUGALOO COLLEGE	Mississippi	758	123	635	5	31	44	16	5	0	0	
MISSISSIPPI DELTA COMM COLL	Mississippi	753	254	499	8	39	40	10	2	1	0	
UNIVERSITY OF SOUTH ALABAMA	Alabama	738	217	521	1	9	32	33	18	7	0	
UNIVERSITY OF MEMPHIS	Tennessee	731	170	561	2	16	36	29	12	4	0	
UNIVERSITY OF ALABAMA	Alabama	703	145	558	1	8	22	29	24	15	2	
MS GULF COAST CC-PERKINSTON CAMPUS	Mississippi	662	248	414	3	21	38	27	8	2	0	
MILLSAPS COLLEGE	Mississippi	628	95	533	2	13	28	22	18	15	1	
HINDS COMM COLLEGE-JACKSON CAMPUS	Mississippi	627	156	471	9	42	38	8	2	0	0	
LOUISIANA ST UNIV/A&M-BATON ROUGE	Louisiana	619	172	447	1	16	32	25	17	10	0	
UNIVERSITY OF MISSISSIPPI MEDICAL CTR	Mississippi	596	52	544	2	17	40	25	12	3	0	
All Other Institutions		18,026	4,408	13,618	3	19	33	22	13	8	1	
Total		69,913	20,741	49,172	3	21	36	23	11	5	0	

Section V Optional Writing Test Results

Total Students in Report: 25,976

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	2,140	814,713	22.0	21.5	6.5	7.2	20.6	20.8
African American/Black	783	96,225	17.8	16.5	6.1	6.4	17.1	16.5
American Indian/Alaska Native	9	5,489	20.0	18.9	6.7	6.7	19.2	18.5
Caucasian American/White	1,089	497,164	24.7	22.8	6.8	7.3	22.8	21.9
Hispanic	41	85,681	22.5	18.4	6.7	7.0	21.1	18.4
Asian American/Pacific Islander	65	44,716	26.9	23.5	7.4	7.6	25.0	22.8
Other/No Response	153	85,438	22.5	21.4	6.7	7.2	21.1	20.8
Males	880	357,025	22.5	21.1	6.3	6.9	20.8	20.3
Females	1,256	455,190	21.6	21.7	6.7	7.4	20.5	21.2
Missing	4	2,498	16.0	22.1	6.3	7.2	16.0	21.3

