

# ACT Profile Report - State

Graduating Class 2010  
Mississippi





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This report provides information about the performance of your 2010 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 2010 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](http://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](http://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:** 26,887 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. 63% 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 10% of the cohort took less than three years of math courses. Of these students, 1% were college ready. 26% 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 31% 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 71% 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](http://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.

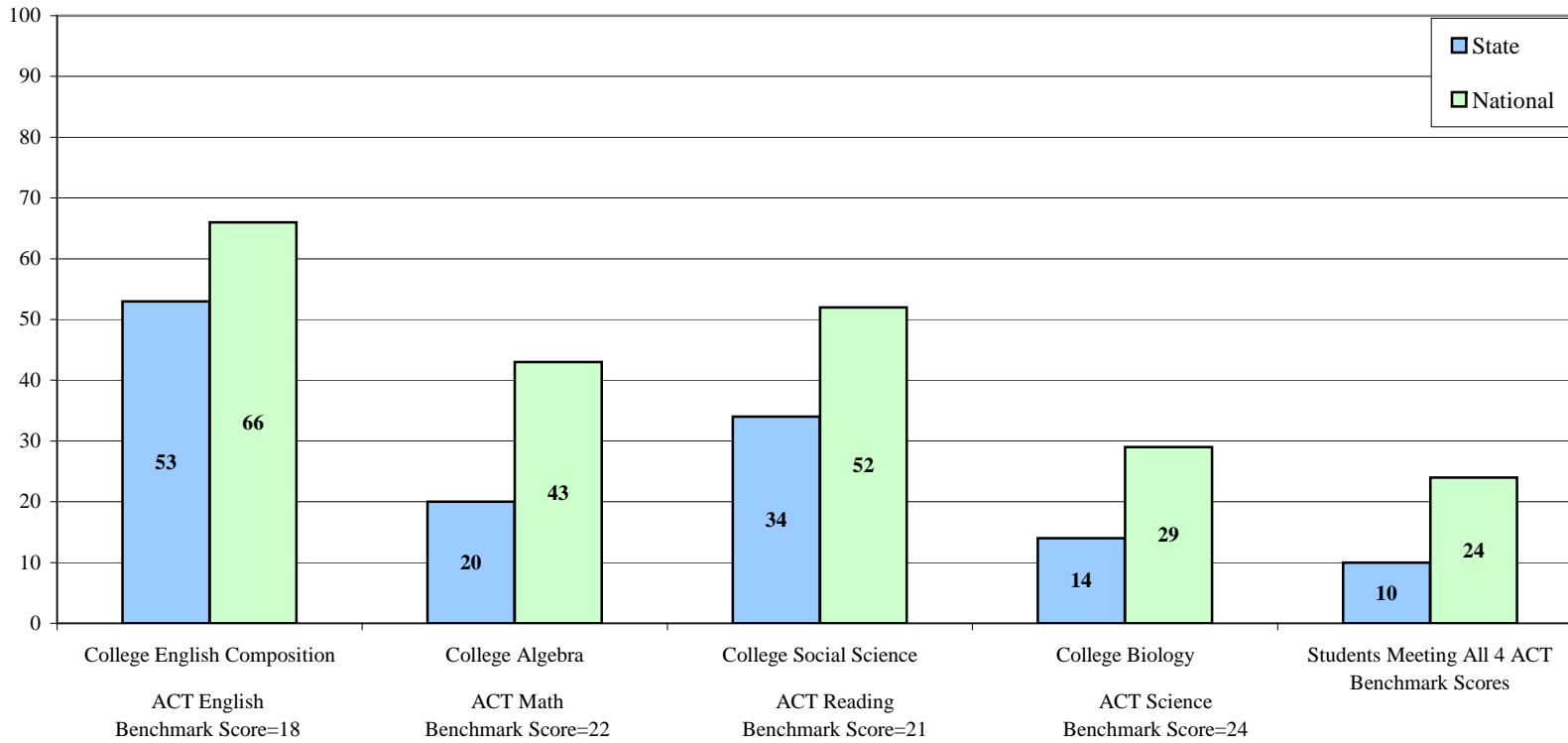
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 404-231-1952.

# Section I

## Executive Summary

Total Students in Report: 26,887

**Figure 1.1. Percent of Your Students Ready for College-Level Coursework**



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



Total Students in Report: 26,887

**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
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
<b>2010</b>	<b>26,887</b>	<b>1,568,835</b>	<b>53</b>	<b>66</b>	<b>20</b>	<b>43</b>	<b>34</b>	<b>52</b>	<b>14</b>	<b>29</b>	<b>10</b>	<b>24</b>

**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
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
<b>2010</b>	<b>26,887</b>	<b>1,568,835</b>	<b>18.6</b>	<b>20.5</b>	<b>18.3</b>	<b>21.0</b>	<b>18.8</b>	<b>21.3</b>	<b>18.8</b>	<b>20.9</b>	<b>18.8</b>	<b>21.0</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
<b>2010</b>	<b>1,568,835</b>	<b>20.5</b>	<b>21.0</b>	<b>21.3</b>	<b>20.9</b>	<b>21.0</b>

Total Students in Report: 26,887

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	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
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
<b>2010</b>	<b>16,970</b>	<b>9,397</b>	<b>63</b>	<b>35</b>	<b>19.9</b>	<b>16.5</b>	<b>19.1</b>	<b>16.9</b>	<b>19.8</b>	<b>17.2</b>	<b>19.7</b>	<b>17.5</b>	<b>19.7</b>	<b>17.1</b>

<sup>1</sup>"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.

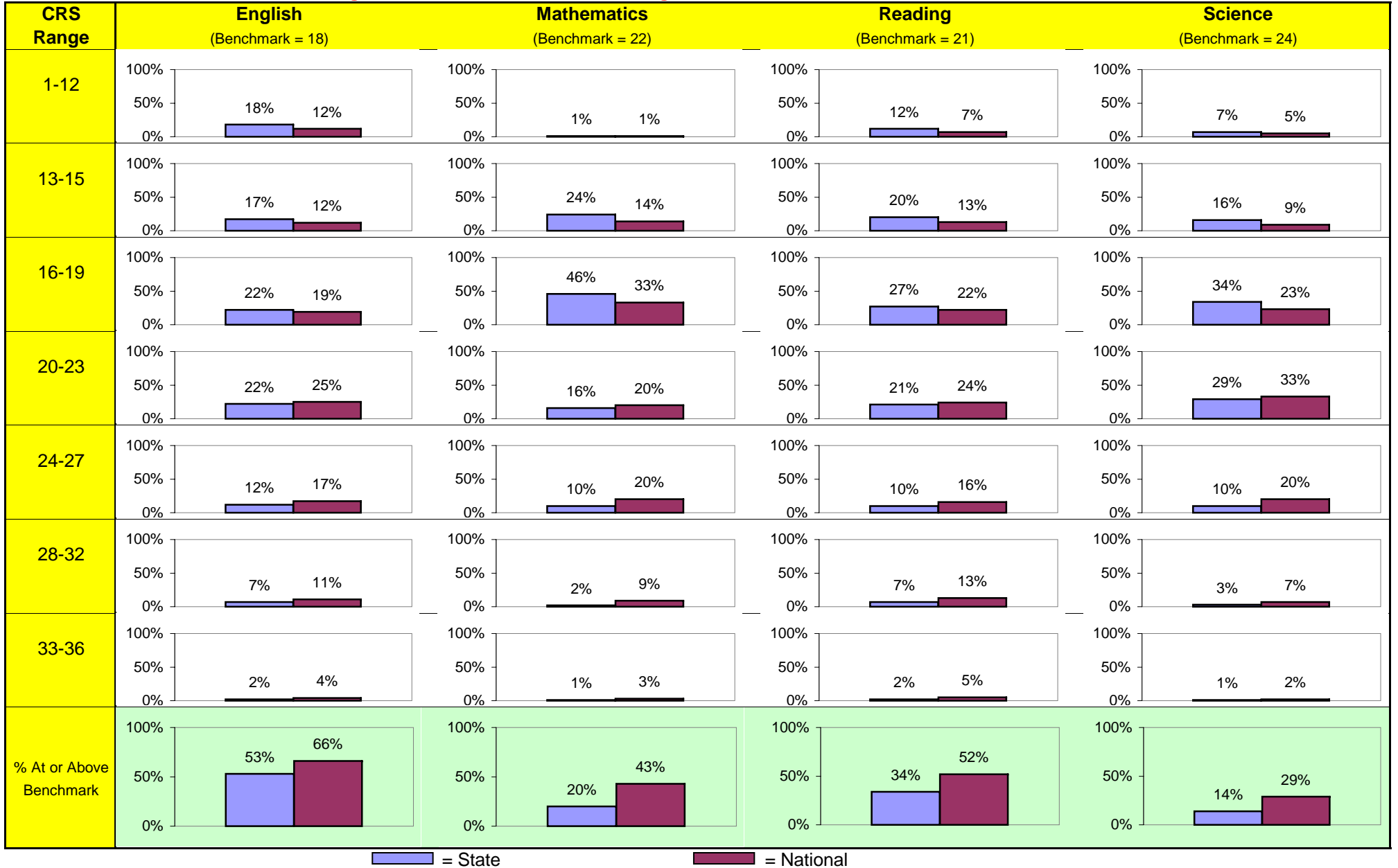
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>23,765</b>	<b>100</b>	<b>18.8</b>	<b>24,669</b>	<b>100</b>	<b>18.9</b>	<b>25,641</b>	<b>100</b>	<b>18.9</b>	<b>25,976</b>	<b>100</b>	<b>18.9</b>	<b>26,887</b>	<b>100</b>	<b>18.8</b>
African American/Black	8,558	36	16.5	8,952	36	16.4	9,518	37	16.5	10,287	40	16.5	10,850	40	16.3
American Indian/Alaska Native	107	0	17.3	121	0	17.4	130	1	17.3	119	0	18.2	129	0	18.0
Caucasian American/White	13,062	55	20.3	13,095	53	20.4	13,955	54	20.5	13,813	53	20.5	14,211	53	20.5
Hispanic	237	1	19.6	231	1	19.3	271	1	18.9	315	1	19.3	332	1	19.1
Asian American/Pacific Islander	237	1	21.0	262	1	22.0	327	1	21.7	312	1	22.4	287	1	22.8
Other/No Response	1,564	7	18.8	2,008	8	19.6	1,440	6	19.4	1,130	4	19.5	1,078	4	19.5

Total Students in Report: 26,887

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





# Section II

# Academic Achievement

Total Students in Report: 26,887

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages**

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	85	100	18	100	89	100	20	100	9	100	36
35	163	100	39	100	54	100	34	100	22	100	35
34	196	99	42	100	219	99	37	100	46	100	34
33	221	98	53	100	281	99	66	100	61	100	33
32	191	98	62	99	167	98	28	99	116	99	32
31	274	97	76	99	323	97	84	99	160	99	31
30	390	96	95	99	401	96	138	99	232	98	30
29	363	94	133	99	414	94	210	98	336	98	29
28	557	93	251	98	458	93	283	98	343	96	28
27	464	91	400	97	500	91	365	97	485	95	27
26	873	89	527	96	590	89	546	95	603	93	26
25	812	86	783	94	738	87	928	93	819	91	25
24	1,163	83	984	91	966	84	946	90	941	88	24
23	950	79	987	87	973	81	1,560	86	1,116	84	23
22	1,400	75	997	83	1,554	77	1,407	80	1,433	80	22
21	1,716	70	1,035	80	1,487	71	2,151	75	1,682	75	21
20	1,745	63	1,318	76	1,701	66	2,724	67	1,898	69	20
19	1,458	57	1,592	71	1,784	59	2,522	57	1,999	62	19
18	1,316	52	2,052	65	1,346	53	2,733	48	2,406	54	18
17	1,476	47	3,445	57	2,146	48	2,143	38	2,417	45	17
16	1,713	41	5,269	45	2,029	40	1,805	30	2,572	36	16
15	1,974	35	4,007	25	1,670	32	1,655	23	2,339	27	15
14	1,496	27	1,914	10	2,445	26	1,290	17	2,109	18	14
13	1,086	22	581	3	1,377	17	1,235	12	1,545	10	13
12	1,162	18	175	1	1,492	12	803	7	846	4	12
11	1,256	14	28	1	1,008	6	613	4	292	1	11
10	971	9	14	1	350	3	357	2	49	1	10
9	710	5	5	1	167	1	147	1	9	1	9
8	475	3	3	1	84	1	42	1	1	1	8
7	156	1	1	1	47	1	4	1	0	1	7
6	53	1	1	1	13	1	9	1	0	1	6
5	10	1	0	1	8	1	1	1	1	1	5
4	9	1	0	1	3	1	0	1	0	1	4
3	2	1	0	1	1	1	1	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	1	1	0	1	0	1	0	1	0	1	1
<b>Avg (SD)</b>	18.6 (6.2)		18.3 (4.0)		18.8 (5.7)		18.8 (4.4)		18.8 (4.6)		<b>Avg (SD)</b>

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 26,887

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), 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	705	100	211	100	263	100	502	100	259	100	57	100	67	100	18
17	513	97	79	99	489	99	798	98	409	99	49	100	26	100	17
16	756	95	885	99	770	97	1,039	95	559	98	205	100	148	100	16
15	1,139	93	1,094	96	928	94	1,185	91	771	95	266	99	318	99	15
14	1,032	88	1,137	92	914	91	1,002	87	918	93	847	98	736	98	14
13	1,321	85	1,393	87	1,160	87	1,436	83	1,050	89	1,264	95	1,218	95	13
12	1,565	80	2,366	82	2,043	83	1,697	78	1,926	85	1,820	90	1,416	91	12
11	1,946	74	2,347	73	2,267	76	2,213	72	2,012	78	3,037	83	2,599	85	11
10	3,173	67	2,840	65	2,931	67	2,375	63	2,811	71	3,772	72	3,789	76	10
9	2,715	55	3,183	54	3,843	56	2,129	54	2,318	60	6,296	58	4,478	62	9
8	2,371	45	3,165	42	3,395	42	2,680	47	4,492	52	3,556	34	4,641	45	8
7	2,815	36	2,605	30	3,828	29	2,241	37	5,213	35	2,810	21	2,482	28	7
6	2,329	25	1,428	21	1,983	15	3,372	28	2,696	15	987	11	2,188	18	6
5	2,000	17	1,733	15	1,158	8	2,218	16	851	5	942	7	1,065	10	5
4	1,332	9	1,635	9	493	3	1,381	7	385	2	451	4	750	6	4
3	850	4	670	3	293	2	437	2	166	1	359	2	489	4	3
2	295	1	109	1	104	1	179	1	48	1	16	1	406	2	2
1	30	1	7	1	25	1	3	1	3	1	153	1	71	1	1
Avg (SD)	9.3 (3.8)		9.3 (3.4)		9.5 (3.2)		9.4 (3.8)		9.2 (3.1)		9.3 (2.5)		8.8 (2.7)		Avg (SD)

<sup>1</sup>CP 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	22
Q2 (50th Percentile)	18	17	18	19	18
Q1 (25th Percentile)	14	15	14	16	15

Total Students in Report: 26,887

**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 <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>26,887</b>	<b>63</b>	<b>19.7</b>	<b>17.1</b>
	African American/Black	10,850	60	16.9	15.5
	American Indian/Alaska Native	129	52	19.2	16.9
	Caucasian American/White	14,211	65	21.6	18.4
	Hispanic	332	59	20.2	17.7
	Asian American/Pacific Islander	287	79	23.3	21.1
	Other/No Response	1,078	66	20.4	17.8
National	<b>All Students</b>	<b>1,568,835</b>	<b>71</b>	<b>22.0</b>	<b>18.9</b>
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

<sup>1</sup>"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	<b>All Students</b>	18.6	18.3	18.8	18.8	18.8
	African American/Black	15.5	16.4	16.0	16.9	16.3
	American Indian/Alaska Native	17.4	17.7	18.2	18.3	18.0
	Caucasian American/White	20.8	19.5	20.8	20.2	20.5
	Hispanic	18.7	18.7	19.3	19.2	19.1
	Asian American/Pacific Islander	22.7	23.2	22.3	22.6	22.8
	Other/No Response	19.4	18.9	19.7	19.3	19.5
National	<b>All Students</b>	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6



Total Students in Report: 26,887

**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	665	2	152	1	643	2	157	1
	28 to 32	1,775	7	617	2	1,763	7	743	3
	24 to 27	3,312	12	2,694	10	2,794	10	2,785	10
	20 to 23	5,811	22	4,337	16	5,715	21	7,842	29
	16 to 19	5,963	22	12,358	46	7,305	27	9,203	34
	13 to 15	4,556	17	6,502	24	5,492	20	4,180	16
	01 to 12	4,805	18	227	1	3,175	12	1,977	7
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	12,165	45	18.1	18.7	18.6	19.2	18.8
	Females	14,703	55	19.0	17.9	19.0	18.6	18.7
	Missing	19	0	17.2	17.0	16.6	17.5	17.2
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	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	12
	Females	56	17	35	11	8
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 26,887

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	16,970	62	19.9	27	19.1	41	19.8	18	19.7	14	19.7
	Less than Core	9,397	39	16.5	9	16.9	23	17.2	6	17.5	4	17.1
	Missing <sup>3</sup>	520	20	13.8	5	15.8	12	15.1	3	15.8	2	15.3
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> 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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	25,834	54	18.8	23,701	23	18.6	25,501	35	19.0	18,048	18	19.5
	Less than Core	664	28	14.8	2,740	1	15.7	975	15	16.0	8,400	6	17.5
	Missing <sup>3</sup>	389	24	14.5	446	6	15.9	411	14	15.5	439	3	16.0
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "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.

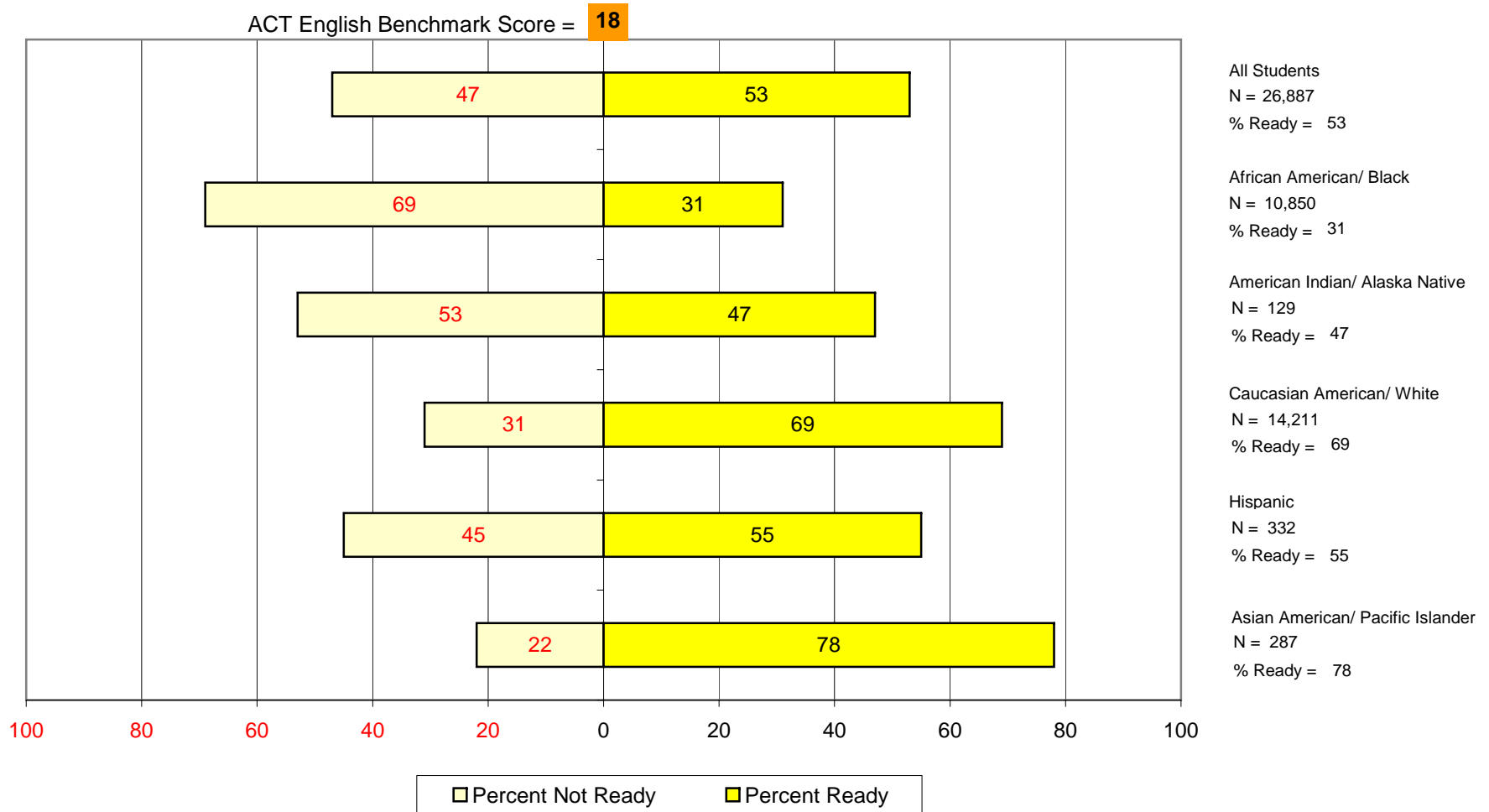
<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

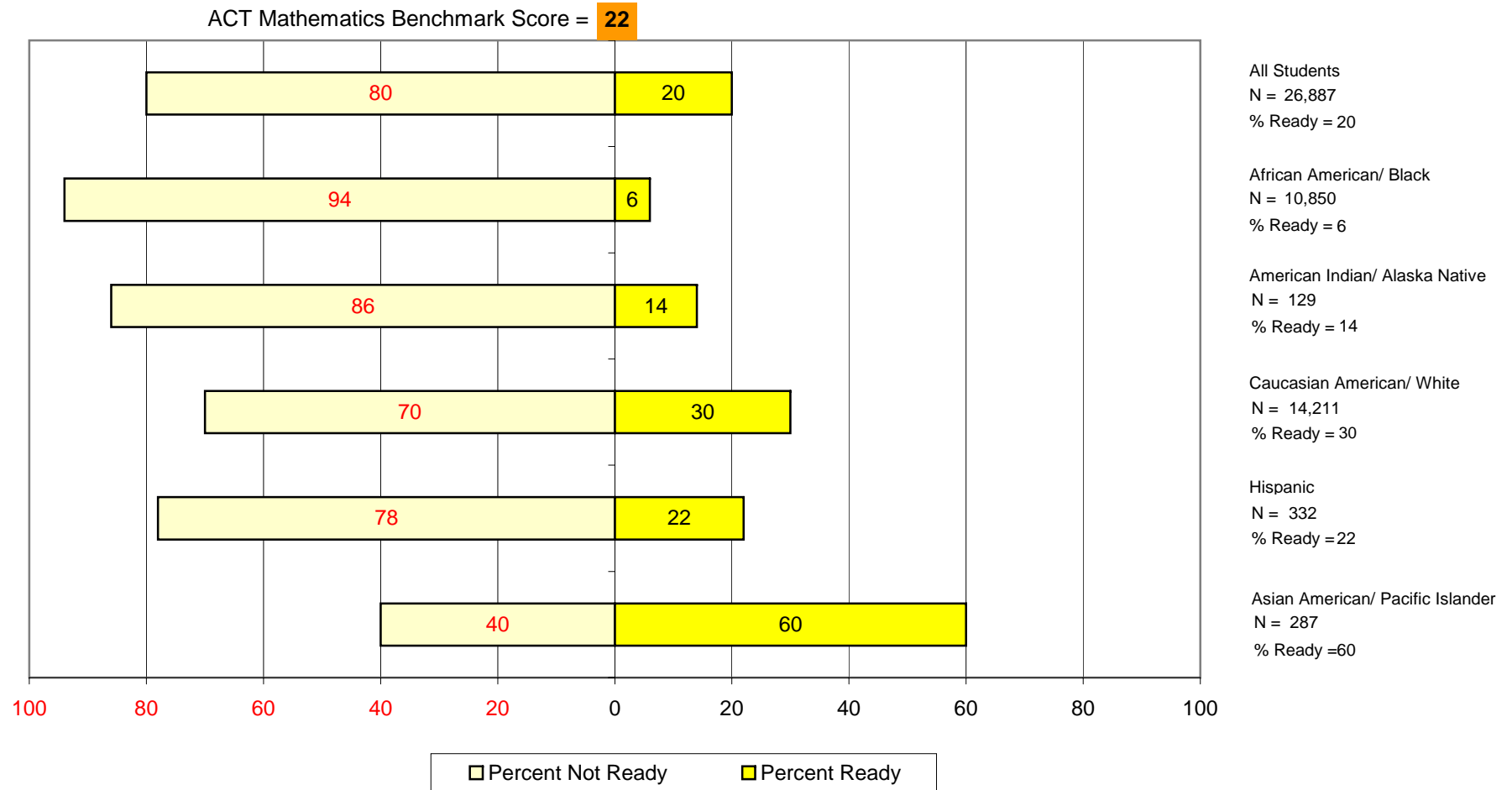
Total Students in Report: 26,887

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



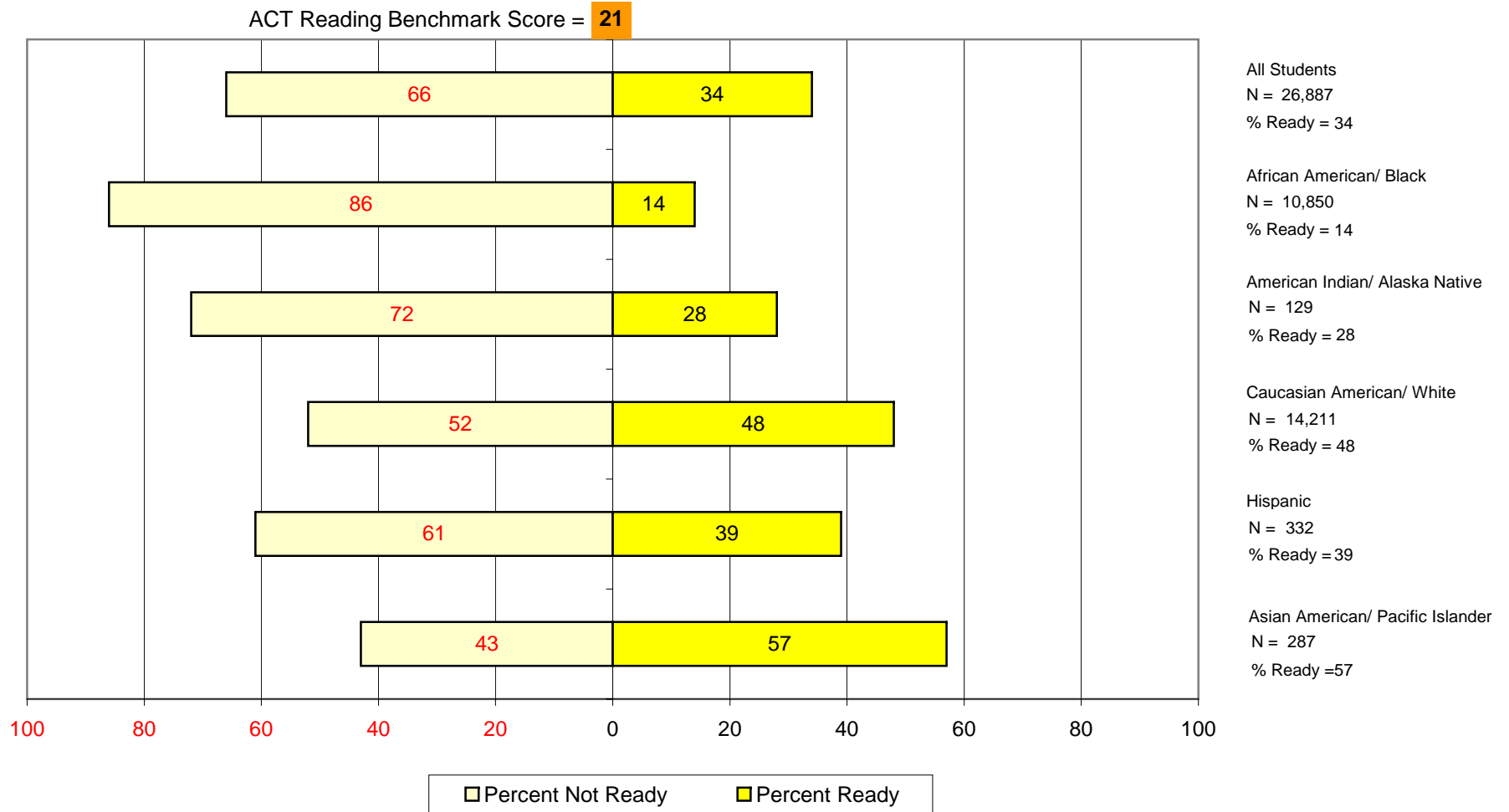
Total Students in Report: 26,887

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



Total Students in Report: 26,887

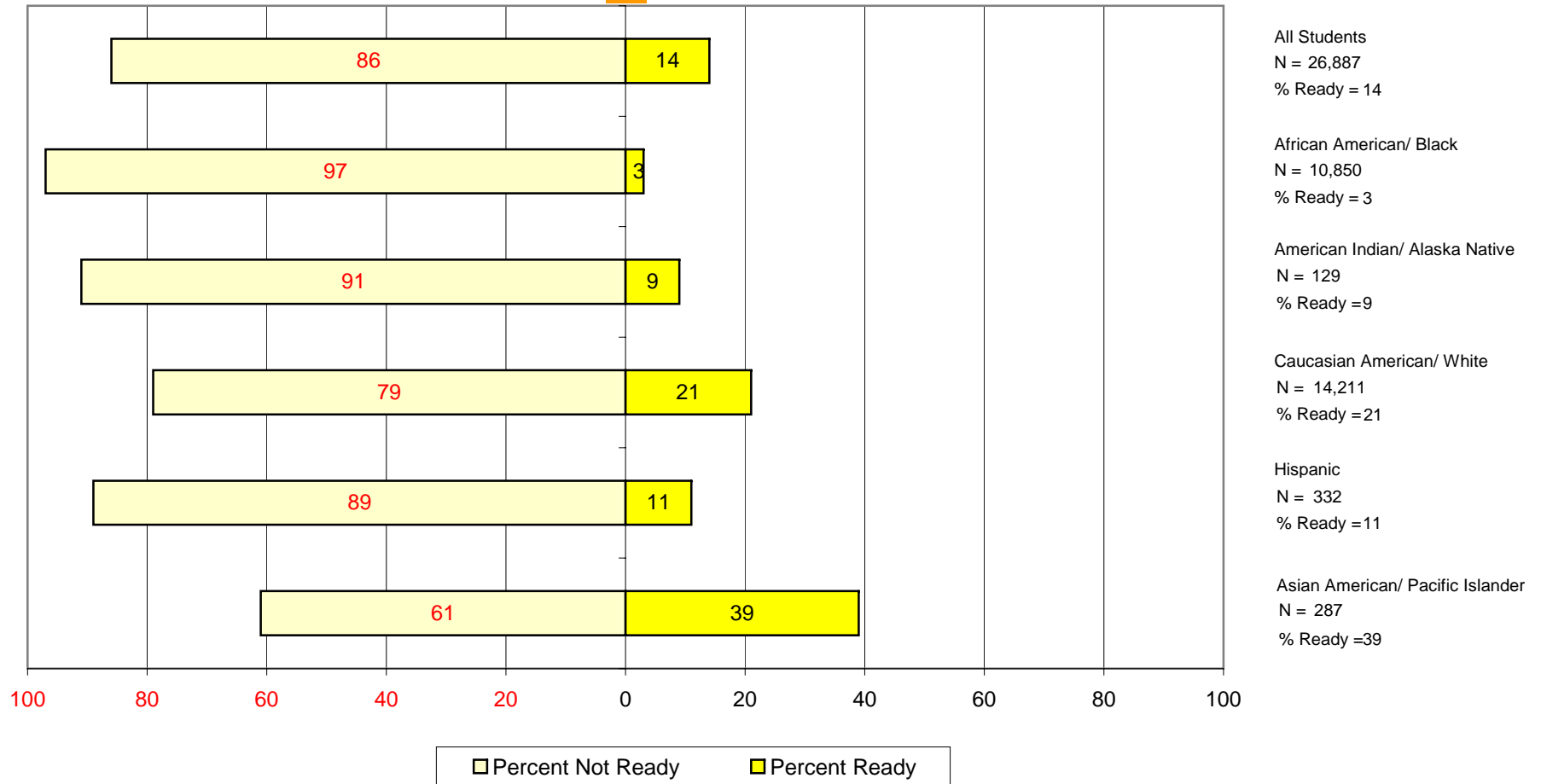
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING**



Total Students in Report: 26,887

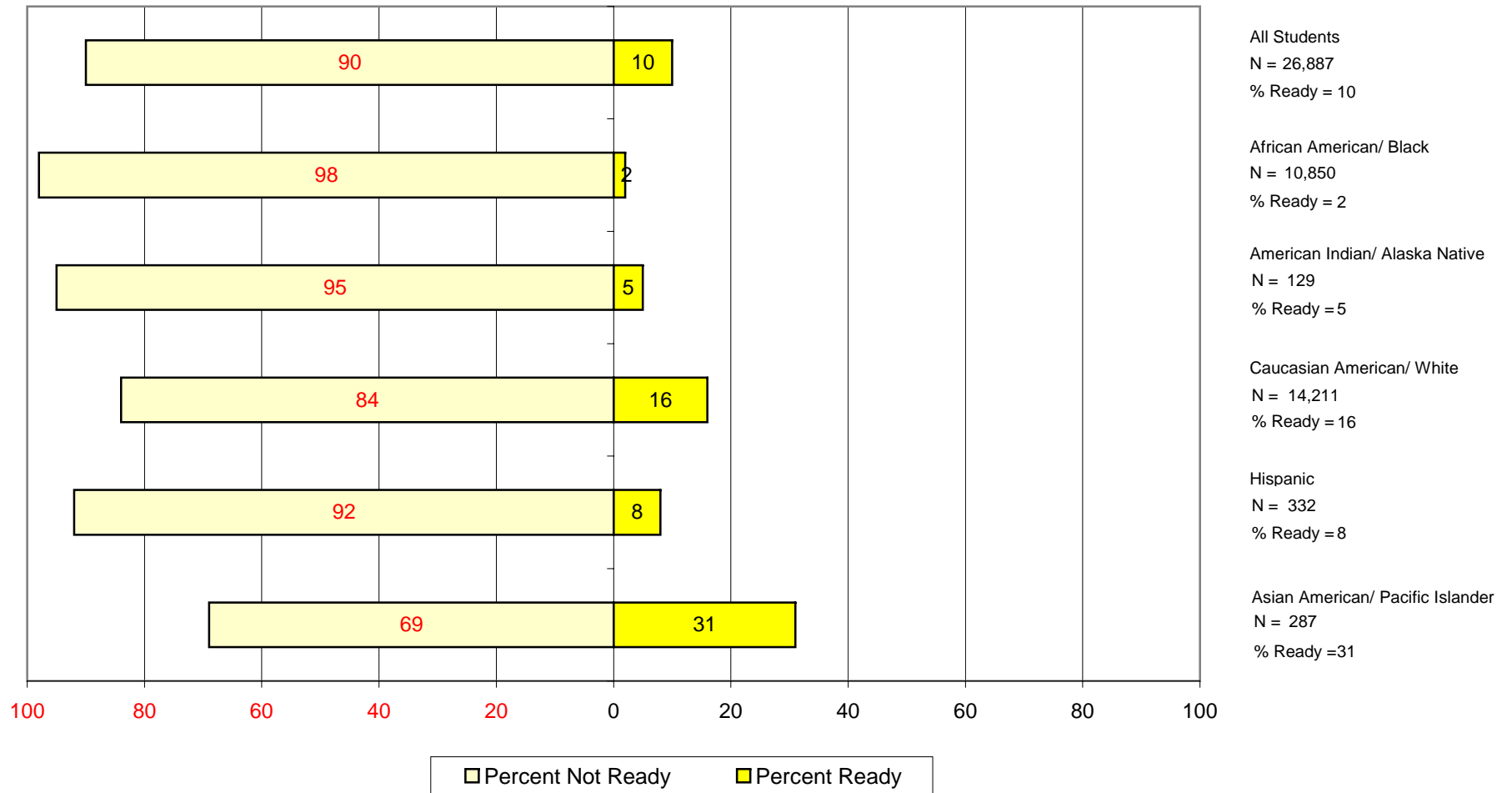
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 26,887

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





Total Students in Report: 26,887

**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 <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,184	19	20.0	5.2	2,245	18	19.5	5.4	2,937	20	20.4	4.9
Eng 9, Eng 10, Eng 11, Eng 12	20,650	77	18.4	3.6	9,337	77	18.0	3.9	11,300	77	18.8	3.3
Less than 4 years of English	664	2	14.8	-	324	3	14.1	-	338	2	15.5	-
Zero years / no English courses reported	389	1	14.5	-	259	2	14.4	-	128	1	14.8	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,430	5	19.9	4.2	561	5	20.8	4.9	865	6	19.3	3.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,897	11	19.8	4.1	1,069	9	20.4	4.5	1,827	12	19.4	4.0
Alg 1, Alg 2, Geom, & Trig	2,021	8	18.0	2.3	864	7	18.6	2.7	1,157	8	17.6	2.2
Alg 1, Alg 2, Geom, & Other Adv Math	1,475	5	17.9	2.2	626	5	18.2	2.3	849	6	17.6	2.2
Other comb of 4 or more years of Math	7,666	29	20.4	4.7	3,667	30	21.1	5.2	3,998	27	19.9	4.5
Alg 1, Alg 2, & Geom	7,014	26	16.4	0.7	3,007	25	16.7	0.8	3,999	27	16.2	0.8
Other comb of 3 or 3.5 years of Math	1,198	4	17.1	1.4	673	6	17.4	1.5	525	4	16.8	1.4
Less than 3 years of Math	2,740	10	15.7	-	1,414	12	15.9	-	1,323	9	15.4	-
Zero years / no Math courses reported	446	2	15.9	-	284	2	16.1	-	160	1	15.6	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	324	1	19.1	3.1	194	2	18.5	2.6	130	1	19.8	3.8
Other comb of 4 or more years Social Science	20,945	78	19.3	3.3	9,228	76	19.2	3.3	11,709	80	19.4	3.4
US Hist, World Hist, & Am Gov	428	2	16.8	0.8	225	2	16.4	0.5	202	1	17.1	1.1
Other comb of 3 or 3.5 years of Social Science	3,804	14	17.2	1.2	1,747	14	17.0	1.1	2,051	14	17.3	1.3
Less than 3 years of Social Science	975	4	16.0	-	498	4	15.9	-	475	3	16.0	-
Zero years / no Social Science courses reported	411	2	15.5	-	273	2	15.5	-	136	1	15.5	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	7,617	28	20.2	2.7	3,677	30	20.8	3.3	3,937	27	19.6	2.1
Bio, Chem, Phys	1,531	6	21.7	4.2	686	6	22.7	5.2	845	6	20.9	3.4
Gen Sci <sup>2</sup> , Bio, Chem	8,406	31	18.7	1.2	3,585	29	18.8	1.3	4,817	33	18.6	1.1
Other comb of 3 years of Natural Science	494	2	17.4	-0.1	244	2	18.0	0.5	250	2	16.9	-0.6
Less than 3 years of Natural Science	8,400	31	17.5	-	3,685	30	17.5	-	4,705	32	17.5	-
Zero years / no Natural Science courses reported	439	2	16.0	-	288	2	16.0	-	149	1	16.0	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

<sup>2</sup>Includes General, Physical and Earth Sciences.

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	5,184	19	20.0	61	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	20,650	77	18.4	53	1,096,437	70	20.5	66
Less than 4 years of English	664	2	14.8	28	74,180	5	16.4	39
Zero years / no English courses reported	389	1	14.5	24	43,106	3	15.7	34
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,430	5	19.9	33	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,897	11	19.8	32	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	2,021	8	18.0	17	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	1,475	5	17.9	15	239,289	15	20.0	36
Other comb of 4 or more years of Math	7,666	29	20.4	39	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	7,014	26	16.4	4	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	1,198	4	17.1	10	74,720	5	19.9	35
Less than 3 years of Math	2,740	10	15.7	1	97,949	6	16.4	7
Zero years / no Math courses reported	446	2	15.9	6	47,380	3	17.5	16
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	324	1	19.1	35	47,523	3	22.6	60
Other comb of 4 or more years Social Science	20,945	78	19.3	38	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	428	2	16.8	21	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	3,804	14	17.2	23	439,520	28	21.2	51
Less than 3 years of Social Science	975	4	16.0	15	156,679	10	19.5	39
Zero years / no Social Science courses reported	411	2	15.5	14	45,555	3	17.3	25
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	7,617	28	20.2	23	620,765	40	22.2	40
Bio, Chem, Phys	1,531	6	21.7	33	152,001	10	23.2	48
Gen Sci <sup>1</sup> , Bio, Chem	8,406	31	18.7	11	474,375	30	20.1	21
Other comb of 3 years of Natural Science	494	2	17.4	5	43,231	3	19.7	21
Less than 3 years of Natural Science	8,400	31	17.5	6	231,566	15	18.3	12
Zero years / no Natural Science courses reported	439	2	16.0	3	46,897	3	17.4	10

<sup>1</sup>Includes General, Physical and Earth Sciences.

# Section IV

## Career and Educational Aspirations

Total Students in Report: 26,887

**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 <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture Sciences & Technologies	632	2	17.1	131	4	15.7	481	2	17.4
Architecture & Environmental Design	469	2	19.3	54	2	15.5	398	2	19.9
Business & Management	1,997	7	18.1	218	6	15.1	1,689	8	18.5
Business & Office	276	1	16.7	68	2	15.1	196	1	17.2
Marketing & Distribution	155	1	18.0	18	1	15.1	132	1	18.5
Communications & Comm. Technologies	327	1	20.0	27	1	16.6	289	1	20.4
Community & Personal Services	722	3	17.0	150	4	15.5	533	2	17.5
Computer & Information Sciences	588	2	19.2	64	2	15.6	500	2	19.7
Cross-Disciplinary Studies	29	0	19.3	6	0	15.7	23	0	20.3
Education	1,014	4	18.5	90	3	15.3	873	4	18.9
Teacher Education	840	3	17.9	79	2	15.5	729	3	18.2
Engineering	1,226	5	19.6	149	4	15.5	1,024	5	20.3
Engineering-Related Technologies	763	3	19.4	108	3	15.6	631	3	20.1
Foreign Languages	73	0	22.4	4	0	14.5	66	0	23.0
Health Sciences & Allied Health Fields	7,606	28	18.9	876	26	16.1	6,510	30	19.3
Human, Family & Consumer Science	386	1	17.0	79	2	15.5	285	1	17.4
Letters	92	0	23.4	2	0	16.0	87	0	23.5
Mathematics	200	1	19.2	18	1	14.2	172	1	19.9
Philosophy, Religion & Theology	135	1	21.2	3	0	17.7	122	1	21.5
Sciences (Biological & Physical)	1,251	5	21.0	31	1	16.0	1,182	5	21.2
Social Sciences	1,223	5	19.8	40	1	15.7	1,140	5	20.0
Trade & Industrial	597	2	15.7	372	11	15.3	193	1	16.7
Visual & Performing Arts	1,355	5	19.3	151	4	16.2	1,112	5	19.8
Undecided	4,073	15	19.0	585	17	15.8	3,152	15	19.8
No Response	858	3	15.8	76	2	14.4	139	1	16.0

<sup>1</sup>2-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.

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

**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	599	15.3	245	14.1	4	15.5	323	16.2	10	16.9	2	19.5	15	15.0
2-yr College Degree	2,800	15.7	1,297	14.4	17	15.3	1,372	16.9	34	16.2	9	18.0	71	16.5
Bachelors Degree	10,416	18.2	3,951	15.9	44	18.8	5,881	19.7	115	18.8	81	20.5	344	18.5
Graduate Study	3,322	20.5	1,113	17.2	10	18.4	1,985	22.3	42	21.0	27	23.5	145	20.7
Prof. Level Degree	7,920	20.5	3,443	17.8	39	18.4	3,785	22.8	105	20.5	146	24.7	402	20.9
Other	693	16.7	347	15.1	10	17.8	288	18.2	9	18.3	4	18.5	35	18.3
No Response	1,137	17.1	454	14.7	5	19.2	577	18.8	17	16.7	18	20.8	66	17.7

Total Students in Report: 26,887

**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	8,520	2,706	5,814	2	15	33	28	15	6	0	
UNIVERSITY SOUTHERN MISSISSIPPI	Mississippi	6,396	1,736	4,660	3	17	37	27	13	4	0	
UNIVERSITY OF MISSISSIPPI	Mississippi	6,205	1,882	4,323	1	11	30	30	18	8	1	
JACKSON STATE UNIVERSITY	Mississippi	2,833	783	2,050	8	36	41	13	2	0	0	
JONES COUNTY JUNIOR COLLEGE	Mississippi	1,995	944	1,051	6	27	36	21	8	2	0	
DELTA STATE UNIVERSITY	Mississippi	1,831	416	1,415	5	23	37	23	9	2	0	
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	Mississippi	1,812	862	950	6	25	38	22	8	1	0	
ALCORN STATE UNIVERSITY	Mississippi	1,807	574	1,233	8	40	39	11	2	0	0	
ITAWAMBA COMMUNITY COLLEGE	Mississippi	1,779	896	883	4	25	37	23	9	2	0	
NORTHEAST MISSISSIPPI COMM COLL	Mississippi	1,523	710	813	4	24	38	24	7	2	0	
PEARL RIVER COMMUNITY COLLEGE	Mississippi	1,363	595	768	5	26	39	20	8	2	0	
HOLMES COMMUNITY COLLEGE	Mississippi	1,360	480	880	6	29	37	19	7	1	0	
MISSISSIPPI COLLEGE	Mississippi	1,341	282	1,059	1	9	26	33	21	10	1	
HINDS COMM COLLEGE-RAYMOND CAMPUS	Mississippi	1,316	496	820	8	35	34	17	5	0	0	
MERIDIAN COMMUNITY COLLEGE	Mississippi	976	345	631	7	28	39	19	6	1	0	
WILLIAM CAREY UNIVERSITY	Mississippi	966	108	858	3	19	37	24	12	5	0	
COPIAH-LINCOLN COMMUNITY COLLEGE	Mississippi	899	420	479	7	27	39	20	7	1	0	
MISSISSIPPI VALLEY STATE UNIV	Mississippi	875	154	721	12	42	35	9	1	0	0	
EAST CENTRAL COMMUNITY COLLEGE	Mississippi	838	398	440	6	31	37	19	6	1	0	
UNIVERSITY OF SOUTH ALABAMA	Alabama	805	241	564	1	7	29	34	24	5	0	
MISSISSIPPI UNIV FOR WOMEN	Mississippi	774	159	615	3	19	36	28	10	4	0	
MS GULF COAST CC-PERKINSTON CAMPUS	Mississippi	757	279	478	4	21	38	26	10	2	0	
UNIVERSITY OF ALABAMA	Alabama	686	148	538	1	8	22	29	25	15	1	
UNIVERSITY OF MEMPHIS	Tennessee	678	130	548	2	17	37	29	11	4	0	
LOUISIANA ST UNIV/A&M-BATON ROUGE	Louisiana	668	187	481	2	12	29	26	20	10	1	
MISSISSIPPI DELTA COMM COLL	Mississippi	665	215	450	12	41	34	10	2	0	0	
SOUTHWEST MISSISSIPPI COMMUNITY COLL	Mississippi	636	249	387	6	31	36	20	6	1	0	
HINDS COMM COLLEGE-JACKSON CAMPUS	Mississippi	611	138	473	10	44	34	9	3	0	0	
MS GULF COAST CC-JEFFERSON DAVIS CAMPUS	Mississippi	603	262	341	4	20	40	23	11	2	0	
EAST MISSISSIPPI COMM COLL	Mississippi	601	198	403	11	35	36	15	3	0	0	
All Other Institutions		17,384	3,974	13,410	4	19	31	23	14	8	1	
<b>Total</b>		<b>69,503</b>	<b>20,967</b>	<b>48,536</b>	<b>4</b>	<b>21</b>	<b>34</b>	<b>23</b>	<b>12</b>	<b>5</b>	<b>1</b>	

# Section V Optional Writing Test Results

Total Students in Report: 26,887

**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
<b>All Students</b>	<b>2,378</b>	<b>869,014</b>	<b>21.6</b>	<b>21.4</b>	<b>6.5</b>	<b>7.1</b>	<b>20.2</b>	<b>20.8</b>
African American/Black	946	107,638	17.4	16.4	6.1	6.4	16.9	16.4
American Indian/Alaska Native	10	6,232	22.6	18.9	6.7	6.6	21.1	18.4
Caucasian American/White	1,168	518,004	24.4	23.0	6.6	7.3	22.5	22.1
Hispanic	36	101,126	19.9	18.1	6.5	6.9	19.1	18.1
Asian American/Pacific Islander	68	49,922	28.6	23.6	7.6	7.7	26.5	22.9
Other/No Response	150	86,092	23.0	21.0	6.7	7.1	21.5	20.4
Males	981	384,152	21.7	21.1	6.3	6.9	20.1	20.3
Females	1,395	484,023	21.6	21.7	6.6	7.3	20.3	21.2
Missing	2	839	19.0	16.8	3.0	6.3	15.0	16.6





