

ACT Profile Report - State

Graduating Class 2010
Alabama



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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.

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

18% 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: 36,624 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. 74% 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 8% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 7% of these students were college ready. In comparison, 38% 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 19% of the cohort took less than three years of natural science courses. 9% of these students were college ready. In comparison, 26% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 61% 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.

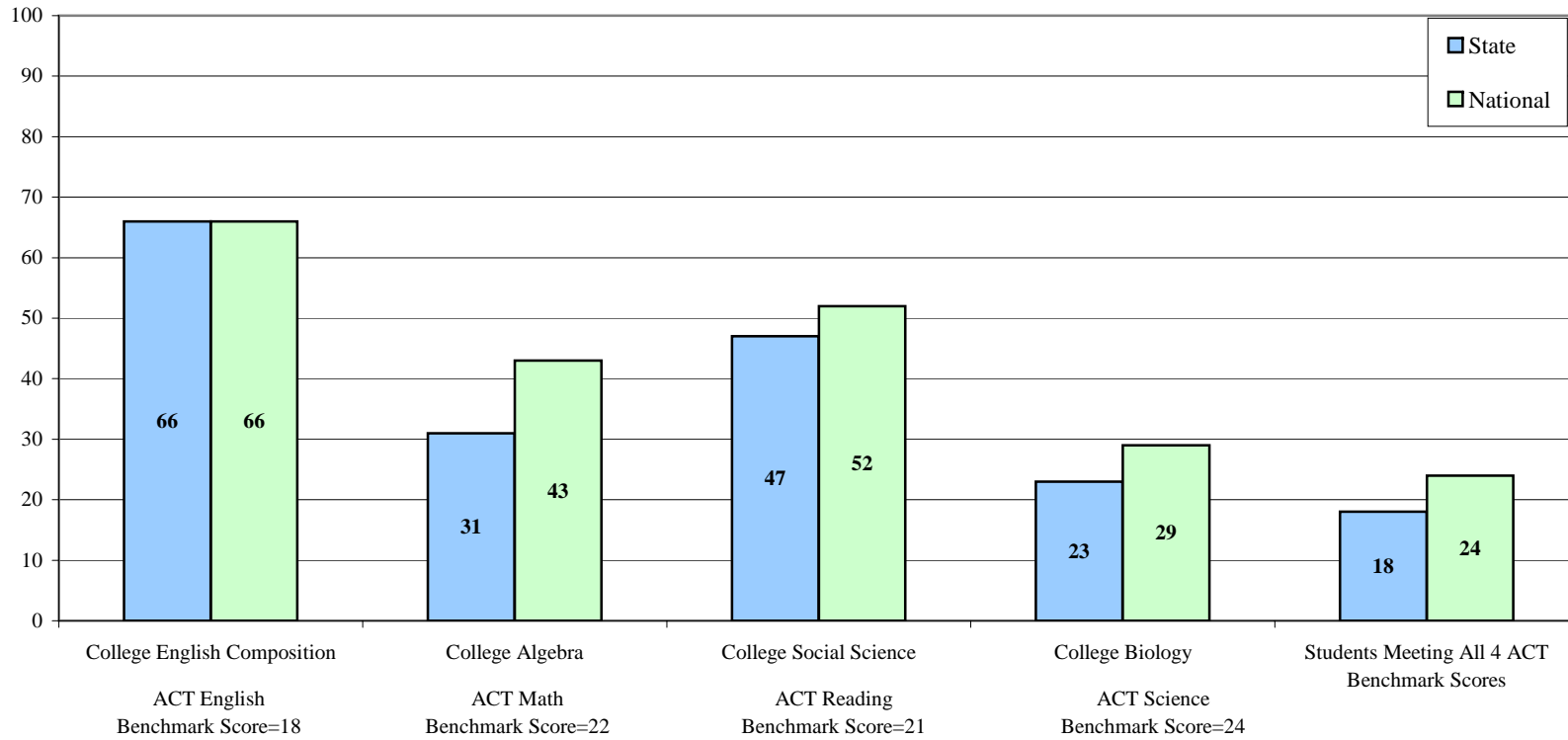
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 404-231-1952.

Section I

Executive Summary

Total Students in Report: 36,624

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: 36,624

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	32,860	1,206,455	67	69	30	42	47	53	20	27	15	21
2007	34,187	1,300,599	67	69	30	43	46	53	21	28	16	23
2008	35,590	1,421,941	68	68	30	43	48	53	21	28	16	22
2009	35,809	1,480,469	67	67	29	42	47	53	21	28	16	23
2010	36,624	1,568,835	66	66	31	43	47	52	23	29	18	24

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	32,860	1,206,455	20.3	20.6	19.5	20.8	20.6	21.4	20.1	20.9	20.2	21.1
2007	34,187	1,300,599	20.3	20.7	19.5	21.0	20.7	21.5	20.1	21.0	20.3	21.2
2008	35,590	1,421,941	20.6	20.6	19.5	21.0	20.8	21.4	20.1	20.8	20.4	21.1
2009	35,809	1,480,469	20.5	20.6	19.5	21.0	20.7	21.4	20.1	20.9	20.3	21.1
2010	36,624	1,568,835	20.4	20.5	19.5	21.0	20.7	21.3	20.2	20.9	20.3	21.0

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
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 36,624

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
2006	20,080	10,398	61	32	21.4	18.2	20.3	17.8	21.5	18.9	20.8	18.7	21.1	18.5
2007	19,448	11,236	57	33	21.3	18.4	20.2	18.1	21.5	19.2	20.8	18.8	21.1	18.8
2008	23,336	10,408	66	29	21.6	18.3	20.3	17.8	21.6	19.0	20.8	18.5	21.2	18.5
2009	25,919	9,442	72	26	21.5	17.9	20.2	17.5	21.6	18.6	20.8	18.3	21.2	18.2
2010	27,250	9,030	74	25	21.5	17.4	20.3	17.3	21.5	18.4	20.9	18.1	21.2	17.9

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

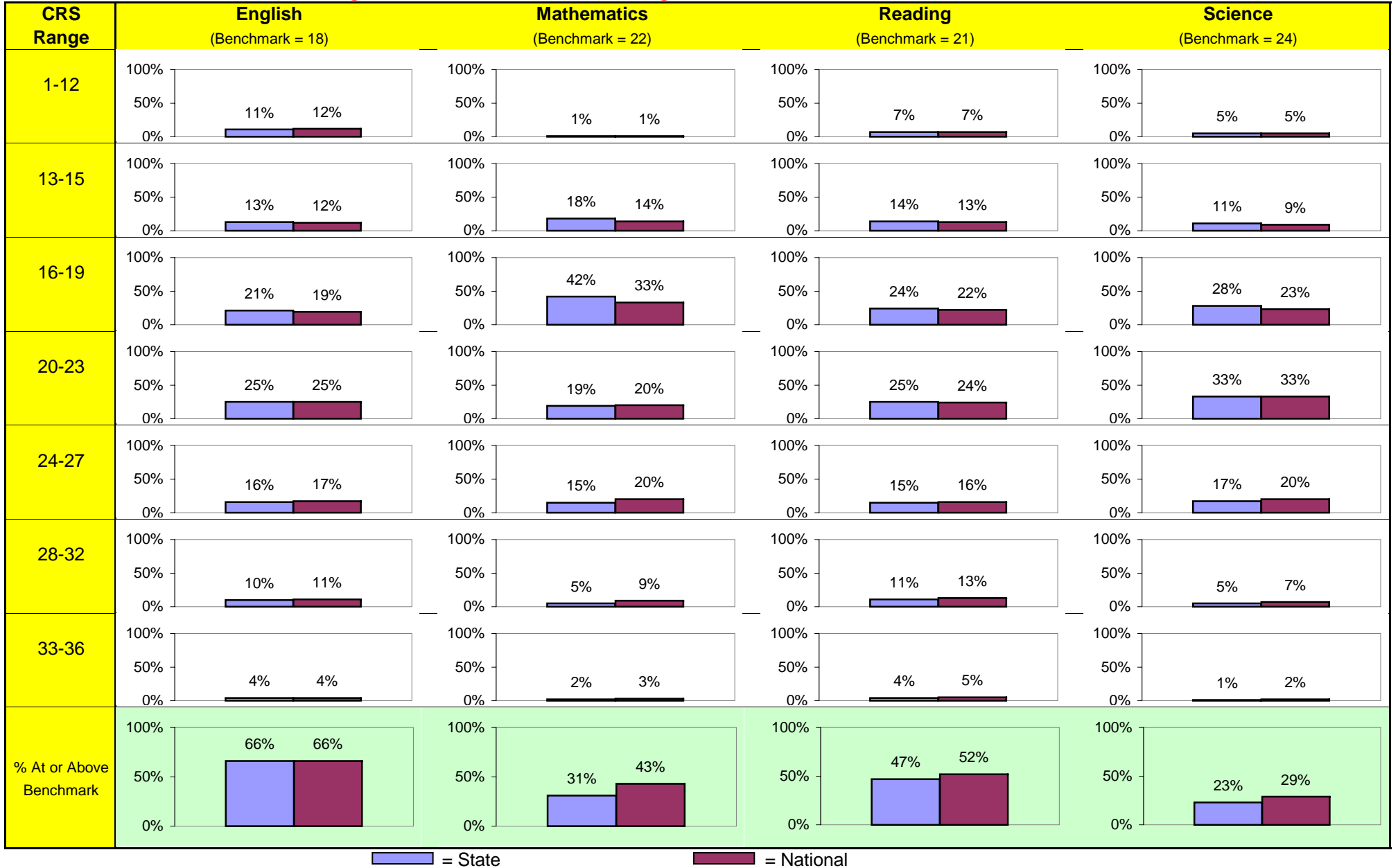
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	32,860	100	20.2	34,187	100	20.3	35,590	100	20.4	35,809	100	20.3	36,624	100	20.3
African American/Black	8,240	25	17.2	8,801	26	17.2	9,349	26	17.2	9,858	28	17.2	10,247	28	17.1
American Indian/Alaska Native	299	1	20.3	254	1	20.8	330	1	20.5	315	1	20.2	329	1	20.6
Caucasian American/White	21,664	66	21.3	21,482	63	21.4	23,054	65	21.5	23,381	65	21.6	23,516	64	21.7
Hispanic	374	1	20.3	410	1	20.1	518	1	20.3	509	1	20.6	623	2	20.0
Asian American/Pacific Islander	381	1	22.7	409	1	22.6	497	1	23.0	493	1	23.7	569	2	24.0
Other/No Response	1,902	6	20.4	2,831	8	21.0	1,842	5	21.3	1,253	3	20.7	1,340	4	20.7

Total Students in Report: 36,624

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



Section II

Academic Achievement

Total Students in Report: 36,624

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	118	100	59	100	151	100	58	100	8	100	36
35	402	100	164	100	228	100	114	100	57	100	35
34	479	99	181	99	488	99	84	100	144	100	34
33	532	97	206	99	520	98	189	99	221	99	33
32	455	96	221	98	601	96	81	99	295	99	32
31	573	95	234	98	754	95	296	99	438	98	31
30	736	93	386	97	870	93	371	98	637	97	30
29	781	91	384	96	914	90	434	97	688	95	29
28	1,177	89	647	95	955	88	664	96	955	93	28
27	950	86	937	93	1,072	85	1,014	94	1,080	91	27
26	1,502	83	1,071	91	1,108	82	1,040	91	1,361	88	26
25	1,565	79	1,450	88	1,596	79	1,978	88	1,513	84	25
24	1,912	75	1,912	84	1,564	75	2,067	83	1,880	80	24
23	1,704	69	1,818	79	1,842	70	2,643	77	2,064	75	23
22	2,198	65	1,708	74	2,438	65	2,493	70	2,309	69	22
21	2,695	59	1,449	69	2,184	59	3,186	63	2,604	63	21
20	2,425	51	1,951	65	2,716	53	3,764	54	2,847	56	20
19	2,065	45	2,242	60	2,330	45	3,073	44	2,925	48	19
18	1,735	39	2,886	54	1,763	39	3,223	36	2,955	40	18
17	1,731	34	4,171	46	2,681	34	2,073	27	2,796	32	17
16	2,065	30	5,913	34	2,177	27	1,889	21	2,679	24	16
15	2,143	24	4,008	18	1,840	21	1,705	16	2,237	17	15
14	1,678	18	1,827	7	2,223	16	1,202	11	1,768	11	14
13	1,004	14	579	2	1,182	10	1,217	8	1,250	6	13
12	996	11	162	1	1,167	7	716	5	613	2	12
11	1,131	8	35	1	717	3	537	3	234	1	11
10	768	5	11	1	284	1	319	1	46	1	10
9	571	3	2	1	143	1	121	1	18	1	9
8	347	1	6	1	57	1	51	1	1	1	8
7	128	1	0	1	41	1	9	1	1	1	7
6	48	1	4	1	9	1	10	1	0	1	6
5	8	1	0	1	3	1	3	1	0	1	5
4	2	1	0	1	2	1	0	1	0	1	4
3	0	1	0	1	3	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.4 (6.3)		19.5 (4.7)		20.7 (5.9)		20.2 (4.7)		20.3 (4.9)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

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

Total Students in Report: 36,624

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	1,529	100	431	100	644	100	788	100	864	100	220	100	214	100	18
17	1,194	96	195	99	1,143	98	2,300	98	1,062	98	210	99	171	99	17
16	1,487	93	2,033	98	1,984	95	1,798	92	1,196	95	592	99	546	99	16
15	2,206	89	2,355	93	1,826	90	2,369	87	1,648	91	712	97	1,149	97	15
14	1,705	82	2,051	86	2,004	85	1,442	80	1,774	87	1,959	95	1,848	94	14
13	2,400	78	2,823	81	2,049	79	2,653	76	1,889	82	2,645	90	2,270	89	13
12	2,374	71	3,927	73	3,588	74	2,703	69	2,893	77	2,790	83	3,133	83	12
11	3,071	65	3,946	62	3,262	64	4,170	62	3,243	69	4,943	75	3,538	75	11
10	4,509	56	3,635	52	4,189	55	3,250	50	3,617	60	5,059	62	5,574	65	10
9	3,608	44	4,418	42	5,086	44	2,813	41	3,420	50	7,390	48	5,210	50	9
8	2,889	34	3,522	30	3,750	30	3,118	34	5,336	41	4,292	28	5,092	35	8
7	3,053	26	2,622	20	3,537	19	2,420	25	5,545	26	2,835	16	2,851	22	7
6	2,534	18	1,375	13	1,839	10	3,070	19	2,731	11	832	8	2,262	14	6
5	1,890	11	1,468	9	948	5	2,175	10	825	4	1,157	6	1,043	8	5
4	1,150	6	1,262	5	389	2	1,008	4	391	2	354	3	741	5	4
3	766	3	498	2	265	1	381	1	145	1	479	2	511	3	3
2	242	1	54	1	105	1	159	1	41	1	12	1	392	1	2
1	17	1	9	1	16	1	7	1	4	1	143	1	79	1	1
Avg (SD)	10.3 (3.9)		10.4 (3.4)		10.5 (3.4)		10.5 (3.9)		10.1 (3.4)		9.9 (2.7)		9.6 (3.0)		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)	25	23	25	23	24
Q2 (50th Percentile)	20	18	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

Total Students in Report: 36,624

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	36,624	74	21.2	17.9
	African American/Black	10,247	68	17.7	15.9
	American Indian/Alaska Native	329	74	21.0	19.4
	Caucasian American/White	23,516	77	22.4	19.1
	Hispanic	623	70	20.9	17.8
	Asian American/Pacific Islander	569	86	24.5	21.0
	Other/No Response	1,340	71	21.7	18.2
National	All Students	1,568,835	71	22.0	18.9
	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

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	20.4	19.5	20.7	20.2	20.3
	African American/Black	16.4	16.8	17.1	17.6	17.1
	American Indian/Alaska Native	20.6	19.7	21.2	20.2	20.6
	Caucasian American/White	22.1	20.6	22.2	21.3	21.7
	Hispanic	19.6	19.4	20.3	20.0	20.0
	Asian American/Pacific Islander	23.9	24.7	23.3	23.6	24.0
	Other/No Response	20.7	19.9	21.2	20.5	20.7
National	All Students	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: 36,624

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	1,531	4	610	2	1,387	4	445	1
	28 to 32	3,722	10	1,872	5	4,094	11	1,846	5
	24 to 27	5,929	16	5,370	15	5,340	15	6,099	17
	20 to 23	9,022	25	6,926	19	9,180	25	12,086	33
	16 to 19	7,596	21	15,212	42	8,951	24	10,258	28
	13 to 15	4,825	13	6,414	18	5,245	14	4,124	11
	01 to 12	3,999	11	220	1	2,427	7	1,766	5
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	16,554	45	20.1	20.2	20.7	20.7	20.6
	Females	20,058	55	20.6	19.0	20.7	19.8	20.2
	Missing	12	0	15.8	16.1	16.1	16.5	16.0
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	63	36	47	28	22
	Females	67	27	47	19	15
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 36,624

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	27,250	73	21.5	37	20.3	53	21.5	27	20.9	22	21.2
	Less than Core	9,030	46	17.4	13	17.3	31	18.4	10	18.1	6	17.9
	Missing ³	344	31	15.5	6	16.3	20	16.6	7	17.0	2	16.5
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

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	35,818	66	20.5	33,421	34	19.9	34,580	48	20.8	29,416	26	20.8
	Less than Core	565	43	16.7	2,918	4	16.0	1,764	34	18.7	6,922	9	18.0
	Missing ³	241	34	16.0	285	6	16.3	280	22	17.2	286	8	17.2
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

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.

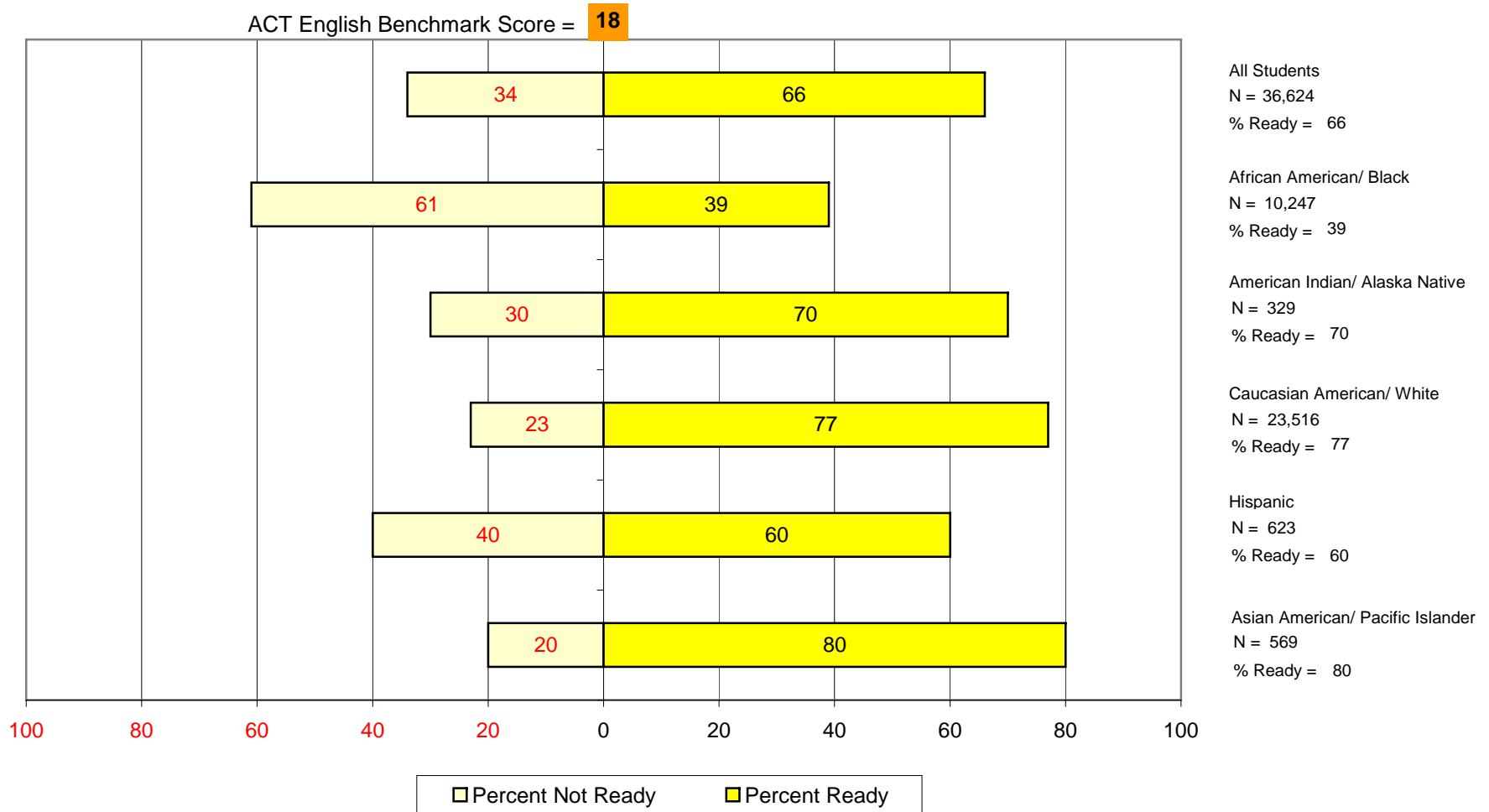
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

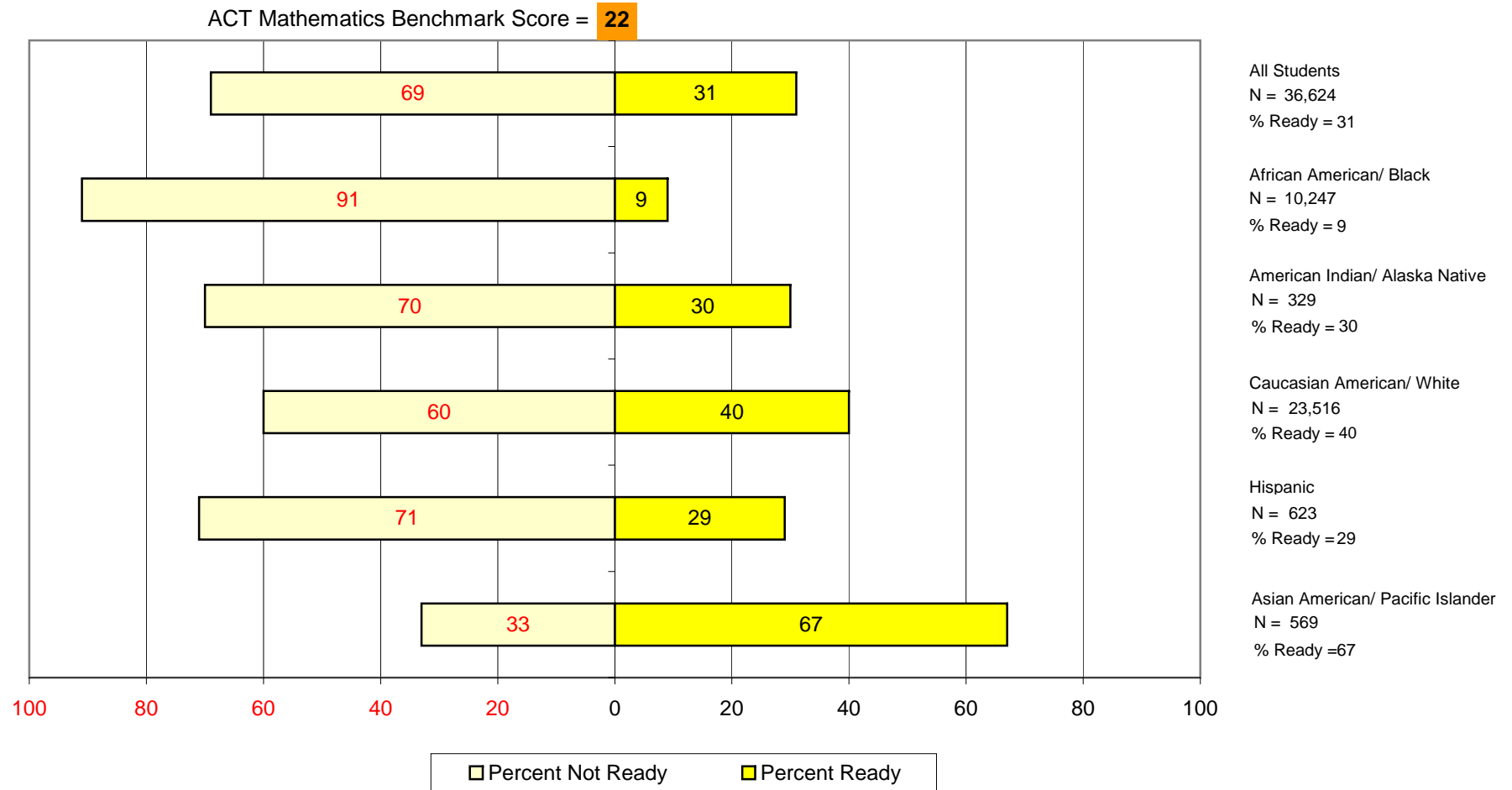
Total Students in Report: 36,624

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



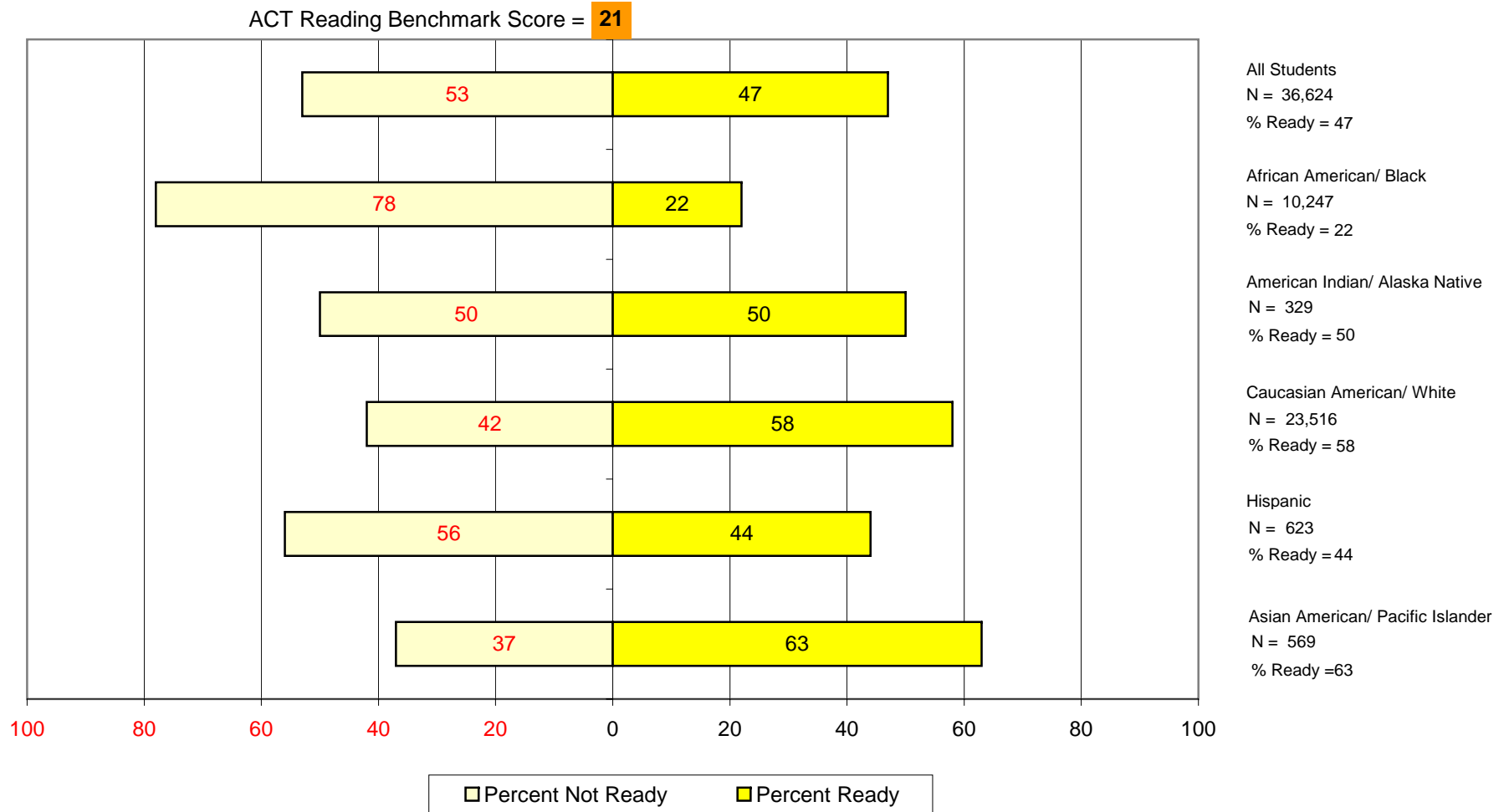
Total Students in Report: 36,624

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



Total Students in Report: 36,624

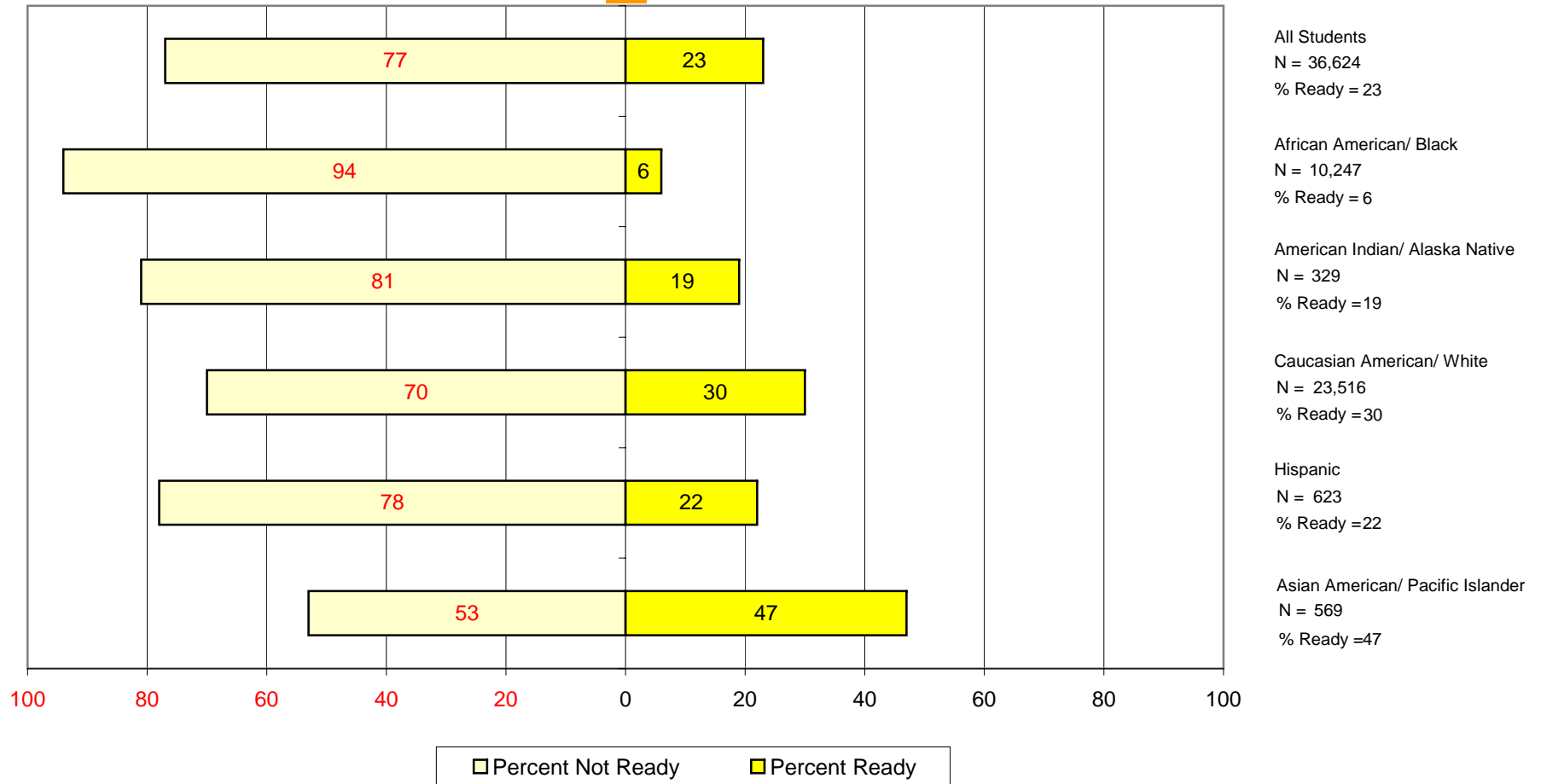
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 36,624

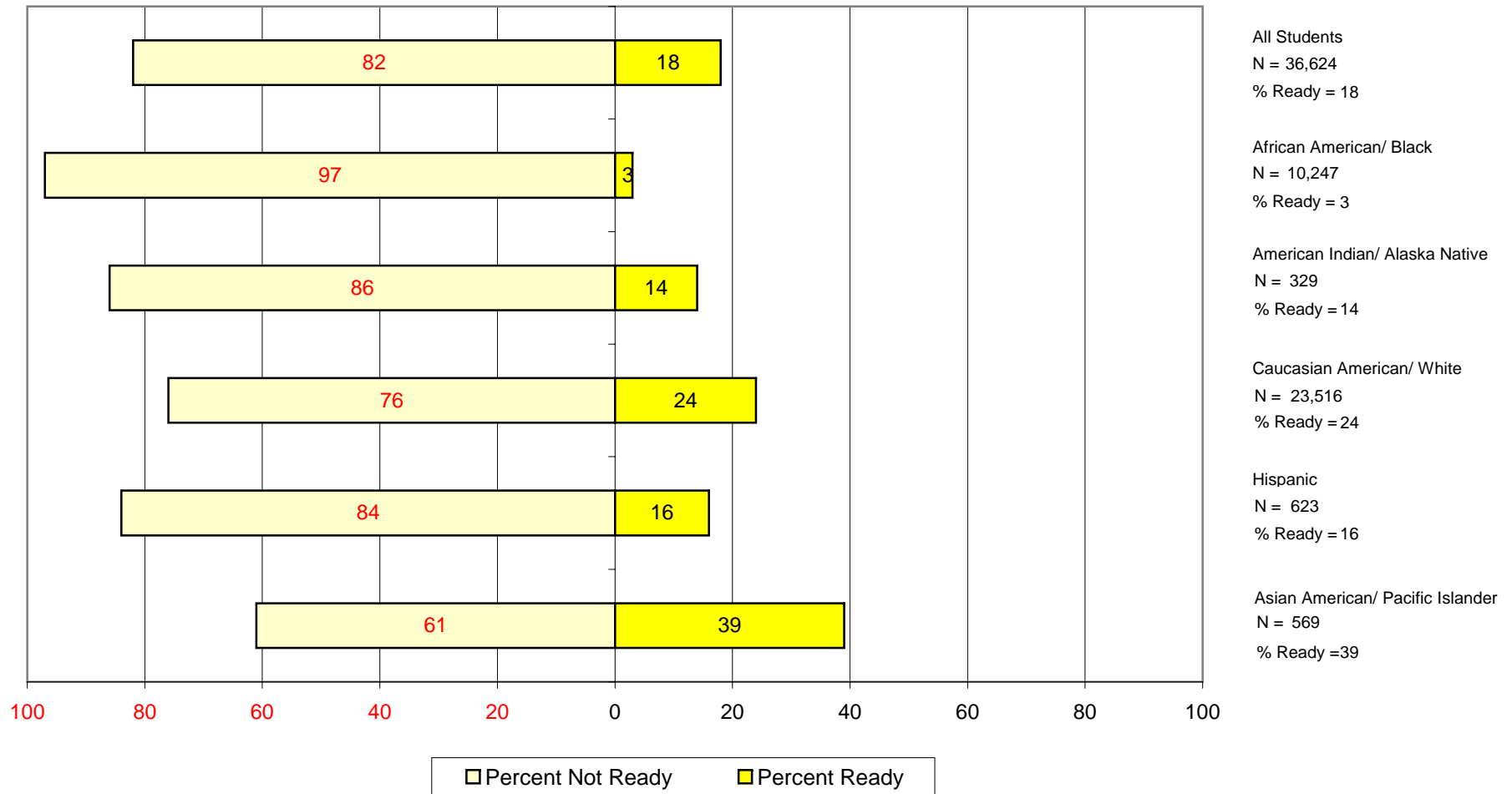
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 36,624

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



Total Students in Report: 36,624

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,997	19	21.5	4.8	3,065	19	21.1	5.0	3,930	20	21.8	4.5
Eng 9, Eng 10, Eng 11, Eng 12	28,821	79	20.3	3.6	13,064	79	20.0	3.9	15,748	79	20.4	3.1
Less than 4 years of English	565	2	16.7	-	271	2	16.1	-	294	1	17.3	-
Zero years / no English courses reported	241	1	16.0	-	154	1	15.7	-	86	0	16.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,480	7	21.1	5.1	1,106	7	22.2	5.9	1,373	7	20.2	4.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,013	14	20.3	4.3	1,880	11	21.1	4.8	3,131	16	19.9	4.2
Alg 1, Alg 2, Geom, & Trig	3,227	9	18.0	2.0	1,370	8	18.6	2.3	1,856	9	17.6	1.9
Alg 1, Alg 2, Geom, & Other Adv Math	3,106	8	18.4	2.4	1,240	7	18.8	2.5	1,863	9	18.1	2.4
Other comb of 4 or more years of Math	13,567	37	21.6	5.6	6,573	40	22.3	6.0	6,993	35	20.9	5.2
Alg 1, Alg 2, & Geom	4,378	12	16.7	0.7	1,999	12	16.9	0.6	2,377	12	16.4	0.7
Other comb of 3 or 3.5 years of Math	1,650	5	18.0	2.0	842	5	18.3	2.0	808	4	17.6	1.9
Less than 3 years of Math	2,918	8	16.0	-	1,367	8	16.3	-	1,550	8	15.7	-
Zero years / no Math courses reported	285	1	16.3	-	177	1	16.5	-	107	1	16.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	773	2	20.7	2.0	384	2	20.3	1.7	389	2	21.2	2.3
Other comb of 4 or more years Social Science	22,836	62	21.3	2.6	10,125	61	21.3	2.7	12,707	63	21.3	2.4
US Hist, World Hist, & Am Gov	1,161	3	19.1	0.4	556	3	19.2	0.6	604	3	19.0	0.1
Other comb of 3 or 3.5 years of Social Science	9,810	27	19.9	1.2	4,449	27	20.1	1.5	5,357	27	19.8	0.9
Less than 3 years of Social Science	1,764	5	18.7	-	864	5	18.6	-	898	4	18.9	-
Zero years / no Social Science courses reported	280	1	17.2	-	176	1	17.2	-	103	1	17.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	15,763	43	21.1	3.1	7,654	46	21.8	3.7	8,107	40	20.4	2.6
Bio, Chem, Phys	2,211	6	23.3	5.3	970	6	24.6	6.5	1,240	6	22.3	4.5
Gen Sci ² , Bio, Chem	10,286	28	20.0	2.0	4,092	25	20.2	2.1	6,192	31	19.8	2.0
Other comb of 3 years of Natural Science	1,156	3	18.1	0.1	582	4	18.4	0.3	574	3	17.8	0.0
Less than 3 years of Natural Science	6,922	19	18.0	-	3,076	19	18.1	-	3,840	19	17.8	-
Zero years / no Natural Science courses reported	286	1	17.2	-	180	1	17.2	-	105	1	17.2	-

¹Course 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.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 36,624

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,997	19	21.5	72	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	28,821	79	20.3	65	1,096,437	70	20.5	66
Less than 4 years of English	565	2	16.7	43	74,180	5	16.4	39
Zero years / no English courses reported	241	1	16.0	34	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,480	7	21.1	44	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,013	14	20.3	39	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	3,227	9	18.0	16	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	3,106	8	18.4	21	239,289	15	20.0	36
Other comb of 4 or more years of Math	13,567	37	21.6	48	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	4,378	12	16.7	7	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	1,650	5	18.0	17	74,720	5	19.9	35
Less than 3 years of Math	2,918	8	16.0	4	97,949	6	16.4	7
Zero years / no Math courses reported	285	1	16.3	6	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	773	2	20.7	46	47,523	3	22.6	60
Other comb of 4 or more years Social Science	22,836	62	21.3	52	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	1,161	3	19.1	34	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	9,810	27	19.9	42	439,520	28	21.2	51
Less than 3 years of Social Science	1,764	5	18.7	34	156,679	10	19.5	39
Zero years / no Social Science courses reported	280	1	17.2	22	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	15,763	43	21.1	29	620,765	40	22.2	40
Bio, Chem, Phys	2,211	6	23.3	48	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	10,286	28	20.0	19	474,375	30	20.1	21
Other comb of 3 years of Natural Science	1,156	3	18.1	10	43,231	3	19.7	21
Less than 3 years of Natural Science	6,922	19	18.0	9	231,566	15	18.3	12
Zero years / no Natural Science courses reported	286	1	17.2	8	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 36,624

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	678	2	18.3	72	3	16.0	556	2	18.7
Architecture & Environmental Design	718	2	20.7	36	1	16.7	637	2	20.9
Business & Management	2,971	8	19.6	158	6	16.3	2,639	8	19.9
Business & Office	285	1	18.1	42	2	15.6	223	1	18.7
Marketing & Distribution	231	1	20.0	4	0	15.3	216	1	20.0
Communications & Comm. Technologies	726	2	20.8	29	1	16.9	662	2	21.1
Community & Personal Services	884	2	17.8	111	4	16.5	711	2	18.0
Computer & Information Sciences	902	2	20.4	73	3	16.2	780	2	20.8
Cross-Disciplinary Studies	40	0	24.1	0	0	.	39	0	24.3
Education	1,601	4	19.9	57	2	15.8	1,481	5	20.2
Teacher Education	1,140	3	19.3	54	2	16.4	1,030	3	19.5
Engineering	2,133	6	21.9	115	5	15.5	1,932	6	22.4
Engineering-Related Technologies	1,207	3	20.9	89	4	16.3	1,058	3	21.4
Foreign Languages	122	0	22.1	7	0	16.6	109	0	22.7
Health Sciences & Allied Health Fields	9,475	26	20.0	733	29	16.8	8,388	27	20.4
Human, Family & Consumer Science	426	1	18.2	66	3	16.7	329	1	18.6
Letters	164	0	24.5	8	0	18.5	146	0	25.0
Mathematics	201	1	23.0	9	0	17.7	178	1	23.6
Philosophy, Religion & Theology	216	1	22.7	9	0	19.6	185	1	23.0
Sciences (Biological & Physical)	1,812	5	22.6	30	1	17.2	1,696	5	22.8
Social Sciences	1,886	5	21.4	36	1	17.7	1,789	6	21.5
Trade & Industrial	459	1	16.7	245	10	16.0	180	1	17.9
Visual & Performing Arts	1,896	5	20.7	123	5	16.9	1,659	5	21.1
Undecided	5,846	16	20.8	393	16	16.4	4,922	16	21.2
No Response	605	2	16.7	33	1	15.6	107	0	17.6

¹2-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.

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

Total Students in Report: 36,624

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	358	16.2	112	14.9	3	15.3	228	16.8	4	16.8	3	20.3	8	15.9
2-yr College Degree	2,174	16.5	684	14.8	21	17.6	1,343	17.4	53	15.8	10	15.9	63	16.7
Bachelors Degree	14,877	19.5	3,827	16.5	131	19.8	10,123	20.6	224	19.2	132	20.9	440	19.8
Graduate Study	5,471	22.2	1,252	18.0	37	21.6	3,868	23.6	69	22.0	68	24.2	177	22.1
Prof. Level Degree	11,304	21.8	3,552	18.3	117	22.0	6,568	23.5	233	21.4	318	25.7	516	22.0
Other	1,050	17.6	419	15.6	10	20.5	550	19.0	13	18.2	10	18.3	48	17.4
No Response	1,390	19.4	401	15.9	10	17.6	836	20.9	27	18.2	28	24.3	88	19.3

Total Students in Report: 36,624

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF ALABAMA	Alabama	10,097	4,101	5,996	1	7	24	32	23	12	1
AUBURN UNIVERSITY	Alabama	8,696	3,486	5,210	1	6	21	31	25	14	2
UNIVERSITY OF ALABAMA IN BIRMINGHAM	Alabama	6,575	1,703	4,872	1	9	28	31	20	9	1
TROY UNIVERSITY-TROY	Alabama	5,109	1,284	3,825	2	14	35	30	14	4	0
UNIVERSITY OF SOUTH ALABAMA	Alabama	4,230	1,372	2,858	1	12	33	30	17	6	0
JACKSONVILLE STATE UNIVERSITY	Alabama	3,120	910	2,210	3	17	37	27	13	3	0
UNIVERSITY OF NORTH ALABAMA	Alabama	2,847	847	2,000	1	11	33	30	18	6	0
UNIVERSITY OF ALABAMA IN HUNTSVILLE	Alabama	2,488	598	1,890	1	8	25	29	23	12	1
ALABAMA A & M UNIVERSITY	Alabama	2,251	796	1,455	7	34	42	14	2	0	0
ALABAMA STATE UNIVERSITY	Alabama	2,181	668	1,513	7	33	42	15	3	0	0
AUBURN UNIVERSITY MONTGOMERY	Alabama	1,768	465	1,303	3	17	37	28	12	3	0
SAMFORD UNIVERSITY	Alabama	1,698	331	1,367	1	4	20	29	28	17	1
MISSISSIPPI STATE UNIVERSITY	Mississippi	1,240	216	1,024	1	10	20	26	26	15	2
SHELTON STATE COMMUNITY COLLEGE	Alabama	1,240	411	829	5	24	37	26	7	1	0
WALLACE STATE COLLEGE	Alabama	1,218	421	797	1	15	40	31	10	2	0
UNIVERSITY OF MONTEVALLO	Alabama	1,152	317	835	1	8	27	35	19	10	1
CALHOUN COMMUNITY COLLEGE	Alabama	1,143	417	726	2	15	34	29	16	4	0
BIRMINGHAM-SOUTHERN COLLEGE	Alabama	1,116	172	944	1	10	20	26	23	17	2
JEFFERSON STATE COMMUNITY COLLEGE	Alabama	1,041	334	707	3	18	38	29	10	2	0
UNIVERSITY OF WEST ALABAMA	Alabama	916	243	673	4	22	41	21	9	2	0
TUSKEGEE UNIVERSITY	Alabama	886	155	731	5	26	43	20	5	1	0
UNIVERSITY OF MOBILE	Alabama	866	162	704	1	13	34	32	14	5	1
NCAA ELIGIBILITY CENTER	Indiana	846	385	461	2	16	35	27	12	6	1
FAULKNER STATE COMMUNITY COLLEGE	Alabama	747	291	456	4	19	40	27	8	1	0
UNIVERSITY OF MISSISSIPPI	Mississippi	724	98	626	1	4	16	32	29	17	1
SOUTHERN UNION STATE COMMUNITY COLLEGE	Alabama	710	226	484	2	18	44	27	8	2	0
GADSDEN STATE COMMUNITY COLLEGE	Alabama	699	233	466	2	18	41	27	12	1	0
STILLMAN COLLEGE	Alabama	686	122	564	8	33	42	15	2	0	0
UNIVERSITY OF GEORGIA	Georgia	679	74	605	1	8	18	26	24	20	3
VANDERBILT UNIVERSITY	Tennessee	606	102	504	0	1	9	15	21	39	15
All Other Institutions		25,041	5,799	19,242	3	16	30	24	15	10	2
Total		92,616	26,739	65,877	2	14	30	27	17	9	1

Section V Optional Writing Test Results

Total Students in Report: 36,624

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	12,936	869,014	22.1	21.4	6.5	7.1	20.7	20.8
African American/Black	3,211	107,638	18.1	16.4	6.0	6.4	17.2	16.4
American Indian/Alaska Native	110	6,232	21.5	18.9	6.4	6.6	20.1	18.4
Caucasian American/White	8,525	518,004	23.5	23.0	6.7	7.3	21.9	22.1
Hispanic	232	101,126	20.9	18.1	6.8	6.9	20.1	18.1
Asian American/Pacific Islander	289	49,922	26.0	23.6	7.3	7.7	24.2	22.9
Other/No Response	569	86,092	22.5	21.0	6.7	7.1	21.1	20.4
Males	5,696	384,152	22.2	21.1	6.3	6.9	20.5	20.3
Females	7,238	484,023	22.0	21.7	6.7	7.3	20.8	21.2
Missing	2	839	11.0	16.8	7.0	6.3	13.0	16.6

