

ACT Profile Report - State

Graduating Class 2011
Alabama



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This report provides information about the performance of your 2011 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2011 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

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: 37,800 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. 76% 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 7% of the cohort took less than three years of math courses. Of these students, 3% were college ready. 11% 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 18% 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 59% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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

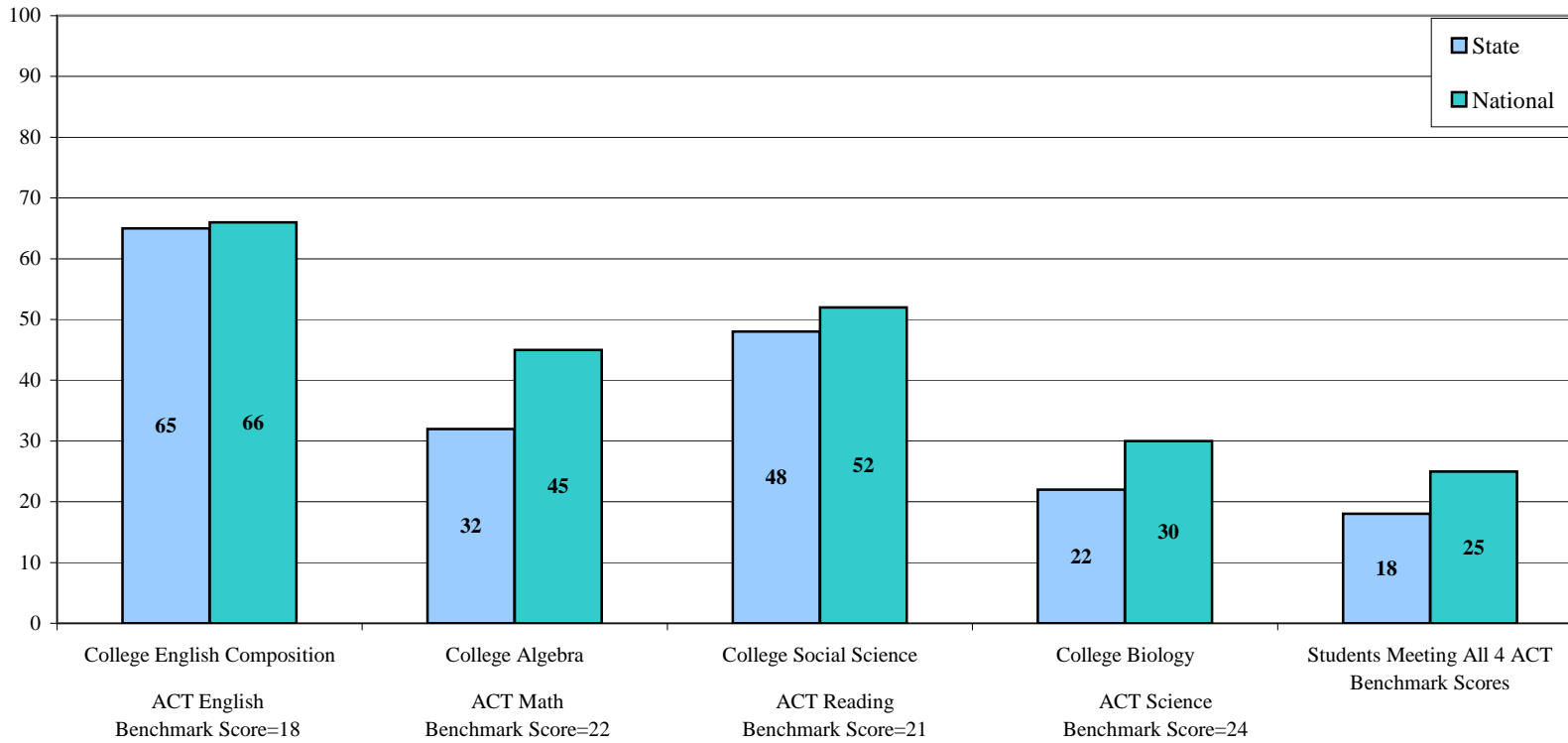
Section I

Executive Summary

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

Total Students in Report: 37,800

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: 37,800

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2007	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
2011	37,800	1,623,112	65	66	32	45	48	52	22	30	18	25

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2007	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
2011	37,800	1,623,112	20.4	20.6	19.6	21.1	20.7	21.3	20.1	20.9	20.3	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

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

Total Students in Report: 37,800

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2007	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
2011	28,750	8,802	76	23	21.4	17.6	20.3	17.4	21.5	18.5	20.8	18.0	21.1	18.0

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

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

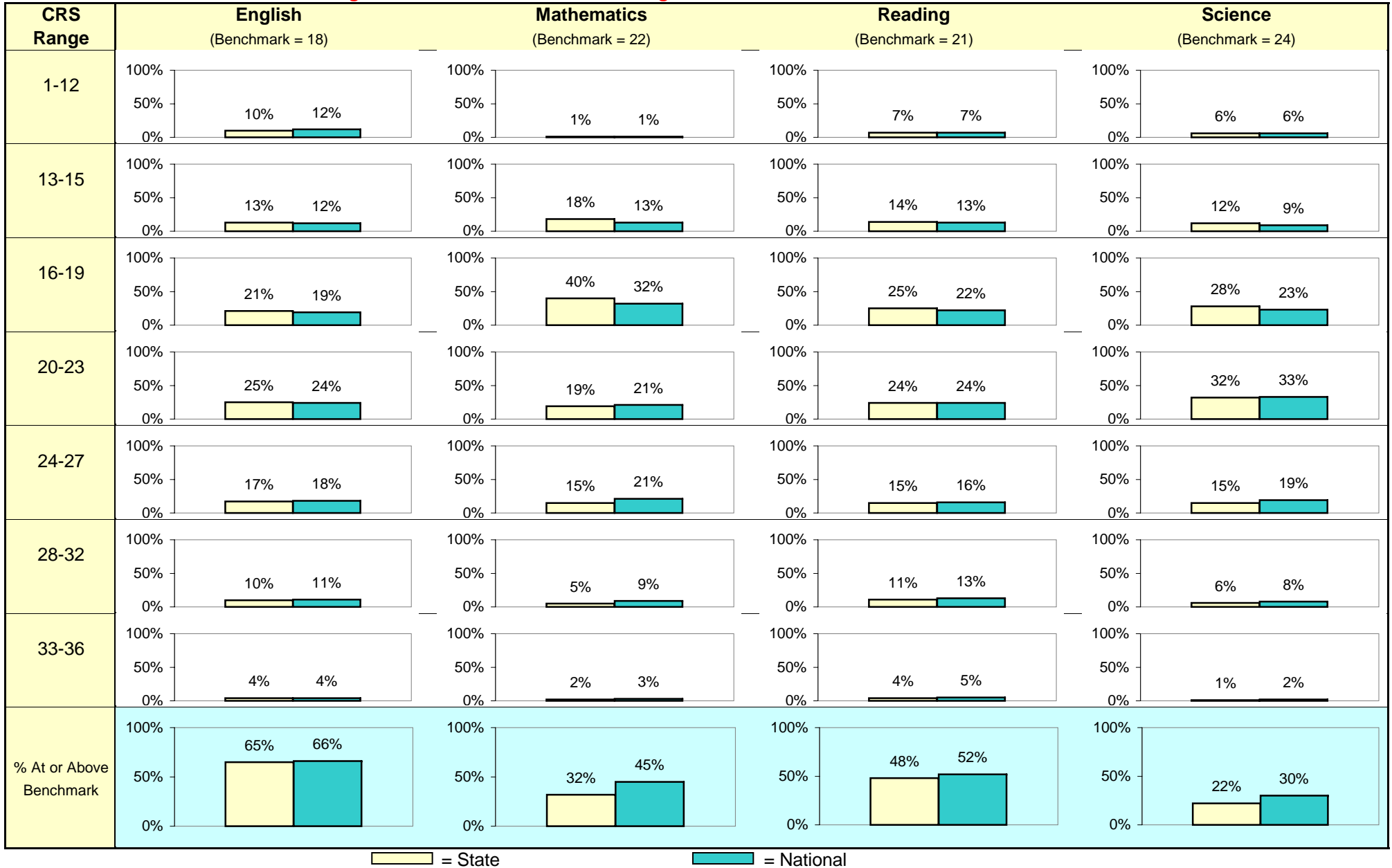
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	34,187	100	20.3	35,590	100	20.4	35,809	100	20.3	36,624	100	20.3	37,800	100	20.3
Black/African American	8,801	26	17.2	9,349	26	17.2	9,858	28	17.2	10,247	28	17.1	10,824	29	17.2
American Indian/Alaska Native	254	1	20.8	330	1	20.5	315	1	20.2	329	1	20.6	305	1	20.5
White	21,482	63	21.4	23,054	65	21.5	23,381	65	21.6	23,516	64	21.7	23,749	63	21.7
Hispanic/Latino	410	1	20.1	518	1	20.3	509	1	20.6	623	2	20.0	949	3	19.9
Asian	409	1	22.6	497	1	23.0	493	1	23.7	569	2	24.0	521	1	23.5
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	21	0	19.9
Two or more races	337	1	20.8	368	1	20.8	446	1	20.5	515	1	20.6	669	2	20.7
Prefer not to respond/No response	2,494	7	21.1	1,474	4	21.5	807	2	20.9	825	2	20.7	762	2	20.8

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

Total Students in Report: 37,800

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



Section II

Academic Achievement

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

Total Students in Report: 37,800

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	134	100	79	100	215	100	78	100	15	100	36
35	544	100	111	100	251	99	103	100	70	100	35
34	456	98	190	99	547	99	85	100	160	100	34
33	491	97	193	99	587	97	230	99	246	99	33
32	599	96	280	98	691	96	199	99	298	99	32
31	727	94	220	98	771	94	228	98	508	98	31
30	585	92	294	97	863	92	388	98	729	97	30
29	749	91	443	96	790	90	467	97	679	95	29
28	980	89	724	95	929	88	876	95	939	93	28
27	1,227	86	968	93	1,035	85	778	93	1,133	90	27
26	1,201	83	1,430	91	1,115	82	1,363	91	1,308	87	26
25	1,530	80	1,406	87	1,457	79	1,393	87	1,511	84	25
24	2,316	76	1,926	83	2,048	76	2,316	84	1,910	80	24
23	1,724	69	2,223	78	1,697	70	2,817	78	2,091	75	23
22	2,357	65	1,650	72	2,421	66	2,338	70	2,421	69	22
21	2,825	59	1,356	68	2,618	59	3,568	64	2,710	63	21
20	2,446	51	1,954	64	2,438	52	3,503	54	2,985	56	20
19	2,059	45	2,088	59	2,379	46	2,934	45	2,946	48	19
18	1,804	39	3,079	54	2,727	40	3,478	37	3,097	40	18
17	1,911	35	4,041	45	2,343	32	2,212	28	2,922	32	17
16	2,186	29	6,084	35	2,187	26	1,875	22	2,675	24	16
15	2,269	24	4,663	19	1,849	20	1,831	17	2,404	17	15
14	1,713	18	1,596	6	2,153	15	1,341	13	1,807	11	14
13	1,027	13	612	2	1,199	10	1,226	9	1,271	6	13
12	993	10	126	1	1,240	7	841	6	656	3	12
11	1,050	8	51	1	745	3	648	4	258	1	11
10	789	5	9	1	271	1	487	2	42	1	10
9	531	3	2	1	104	1	131	1	8	1	9
8	367	2	1	1	85	1	44	1	0	1	8
7	147	1	0	1	24	1	16	1	0	1	7
6	42	1	1	1	9	1	5	1	1	1	6
5	13	1	0	1	9	1	0	1	0	1	5
4	6	1	0	1	3	1	0	1	0	1	4
3	1	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	1	1	0	1	0	1	0	1	0	1	1
Avg (SD)	20.4 (6.3)		19.6 (4.7)		20.7 (6.0)		20.1 (4.8)		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: 37,800

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	1,247	100	675	100	796	100	866	100	857	100	237	100	320	100	18
17	1,802	97	64	98	1,070	98	2,027	98	1,027	98	204	99	15	99	17
16	1,410	92	2,242	98	2,199	95	1,958	92	805	95	538	99	528	99	16
15	1,943	88	2,440	92	1,709	89	2,175	87	1,425	93	735	97	1,318	98	15
14	1,688	83	1,970	86	1,789	85	1,656	81	1,929	89	2,017	95	2,151	94	14
13	2,212	79	2,884	80	2,417	80	2,662	77	3,174	84	3,311	90	2,088	89	13
12	2,530	73	3,794	73	4,450	74	2,807	70	2,179	76	2,716	81	3,344	83	12
11	3,688	66	4,362	63	3,330	62	3,875	63	4,001	70	4,963	74	3,713	74	11
10	4,748	56	3,794	51	4,013	53	3,289	52	2,882	59	5,503	61	5,977	64	10
9	3,593	44	4,799	41	4,867	42	3,831	44	3,750	52	7,269	46	5,434	49	9
8	3,218	34	3,311	29	3,724	30	3,240	33	5,588	42	4,439	27	5,164	34	8
7	2,966	26	2,738	20	3,778	20	2,602	25	6,231	27	2,335	16	3,090	20	7
6	2,663	18	1,618	13	1,748	10	3,201	18	2,647	10	1,251	9	2,047	12	6
5	1,747	11	1,434	8	1,038	5	2,251	10	723	3	1,247	6	904	7	5
4	1,276	6	1,127	4	517	2	790	4	393	2	380	3	1,045	5	4
3	765	3	454	1	269	1	402	2	151	1	401	2	244	2	3
2	282	1	83	1	69	1	150	1	34	1	105	1	332	1	2
1	22	1	11	1	17	1	18	1	4	1	149	1	86	1	1
Avg (SD)	10.2 (3.8)		10.4 (3.4)		10.5 (3.4)		10.4 (3.8)		10.0 (3.3)		9.9 (2.8)		9.7 (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)	24	23	24	23	24
Q2 (50th Percentile)	20	18	20	20	20
Q1 (25th Percentile)	16	16	16	17	17

Total Students in Report: 37,800

Table 2.4. Average ACT Composite Scores for Race/Ethnicity¹ by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	37,800	76	21.1	18.0
	Black/African American	10,824	71	17.7	15.9
	American Indian/Alaska Native	305	77	21.0	19.0
	White	23,749	78	22.4	19.2
	Hispanic/Latino	949	72	20.8	17.5
	Asian	521	85	23.8	21.3
	Native Hawaiian/Other Pac. Isl.	21	71	20.6	19.2
	Two or more races	669	74	21.4	18.8
	Prefer not/No Response	762	76	21.5	18.5
National	All Students	1,623,112	74	21.9	19.0
	Black/African American	223,383	69	17.5	15.9
	American Indian/Alaska Native	14,970	63	19.7	17.1
	White	981,585	76	23.1	20.3
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	66,650	81	24.1	21.9
	Native Hawaiian/Other Pac. Isl.	2,244	78	20.0	17.8
	Two or more races	46,378	72	21.8	19.3
	Prefer not/No Response	87,241	65	22.1	18.7

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

²"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.4	19.6	20.7	20.1	20.3
	Black/African American	16.6	16.9	17.3	17.4	17.2
	American Indian/Alaska Native	20.4	19.5	21.3	20.3	20.5
	White	22.2	20.7	22.2	21.3	21.7
	Hispanic/Latino	19.5	19.3	20.3	19.8	19.9
	Asian	23.0	24.5	22.8	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	19.3	19.2	21.0	19.8	19.9
	Two or more races	21.2	19.4	21.6	20.3	20.7
	Prefer not/No Response	21.0	20.1	21.3	20.4	20.8
National	All Students	20.6	21.1	21.3	20.9	21.1
	Black/African American	15.9	17.2	17.0	17.1	17.0
	American Indian/Alaska Native	17.5	18.6	19.1	18.9	18.6
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	22.8	25.1	22.9	23.1	23.6
	Native Hawaiian/Other Pac. Isl.	18.6	19.9	19.4	19.5	19.5
	Two or more races	20.7	20.7	21.6	20.9	21.1
	Prefer not/No Response	20.2	20.9	21.0	20.4	20.7

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

Total Students in Report: 37,800

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	1,625	4	573	2	1,600	4	496	1
	28 to 32	3,640	10	1,961	5	4,044	11	2,158	6
	24 to 27	6,274	17	5,730	15	5,655	15	5,850	15
	20 to 23	9,352	25	7,183	19	9,174	24	12,226	32
	16 to 19	7,960	21	15,292	40	9,636	25	10,499	28
	13 to 15	5,009	13	6,871	18	5,201	14	4,398	12
	01 to 12	3,940	10	190	1	2,490	7	2,173	6
National	33 to 36	68,159	4	49,703	3	81,236	5	32,031	2
	28 to 32	174,801	11	144,331	9	211,084	13	130,969	8
	24 to 27	286,161	18	344,894	21	265,974	16	316,182	19
	20 to 23	394,076	24	332,913	21	382,505	24	530,056	33
	16 to 19	309,855	19	525,628	32	360,259	22	366,855	23
	13 to 15	201,235	12	217,338	13	214,265	13	153,754	9
	01 to 12	188,825	12	8,305	1	107,789	7	93,265	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	17,444	46	20.2	20.1	20.7	20.6	20.5
	Females	20,344	54	20.7	19.1	20.8	19.6	20.2
	Missing	12	0	17.6	16.7	20.0	17.8	18.2
National	Males	739,070	46	20.2	21.6	21.1	21.4	21.2
	Females	879,957	54	20.9	20.6	21.4	20.5	21.0
	Missing	4,085	0	16.4	17.8	17.7	17.8	17.6

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	64	36	47	27	21
	Females	67	28	48	19	15
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 37,800

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	28,750	72	21.4	38	20.3	53	21.5	26	20.8	21	21.1
	Less than Core	8,802	46	17.6	13	17.4	31	18.5	10	18.0	7	18.0
	Missing ³	248	36	15.9	13	16.9	25	17.1	8	17.4	5	16.9
National	Core or More	1,202,164	72	21.5	51	21.8	57	22.0	34	21.6	29	21.9
	Less than Core	366,518	51	18.3	27	19.0	38	19.3	17	19.0	13	19.0
	Missing	54,430	38	16.3	21	18.0	27	17.7	12	17.7	9	17.5

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite CRB% results reflect students who meet all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	37,133	66	20.5	34,921	34	19.9	35,864	49	20.9	30,949	26	20.6
	Less than Core	484	46	17.4	2,669	3	16.1	1,721	34	18.9	6,650	9	17.9
	Missing ³	183	38	16.0	210	13	16.9	215	26	17.2	201	9	17.6
National	Core or More	1,510,179	68	20.9	1,494,425	47	21.4	1,424,252	54	21.6	1,367,777	33	21.4
	Less than Core	66,225	40	16.6	79,145	8	16.4	149,746	40	19.7	205,148	12	18.3
	Missing	46,708	39	16.5	49,542	21	18.1	49,114	28	17.9	50,187	13	17.8

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

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

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

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

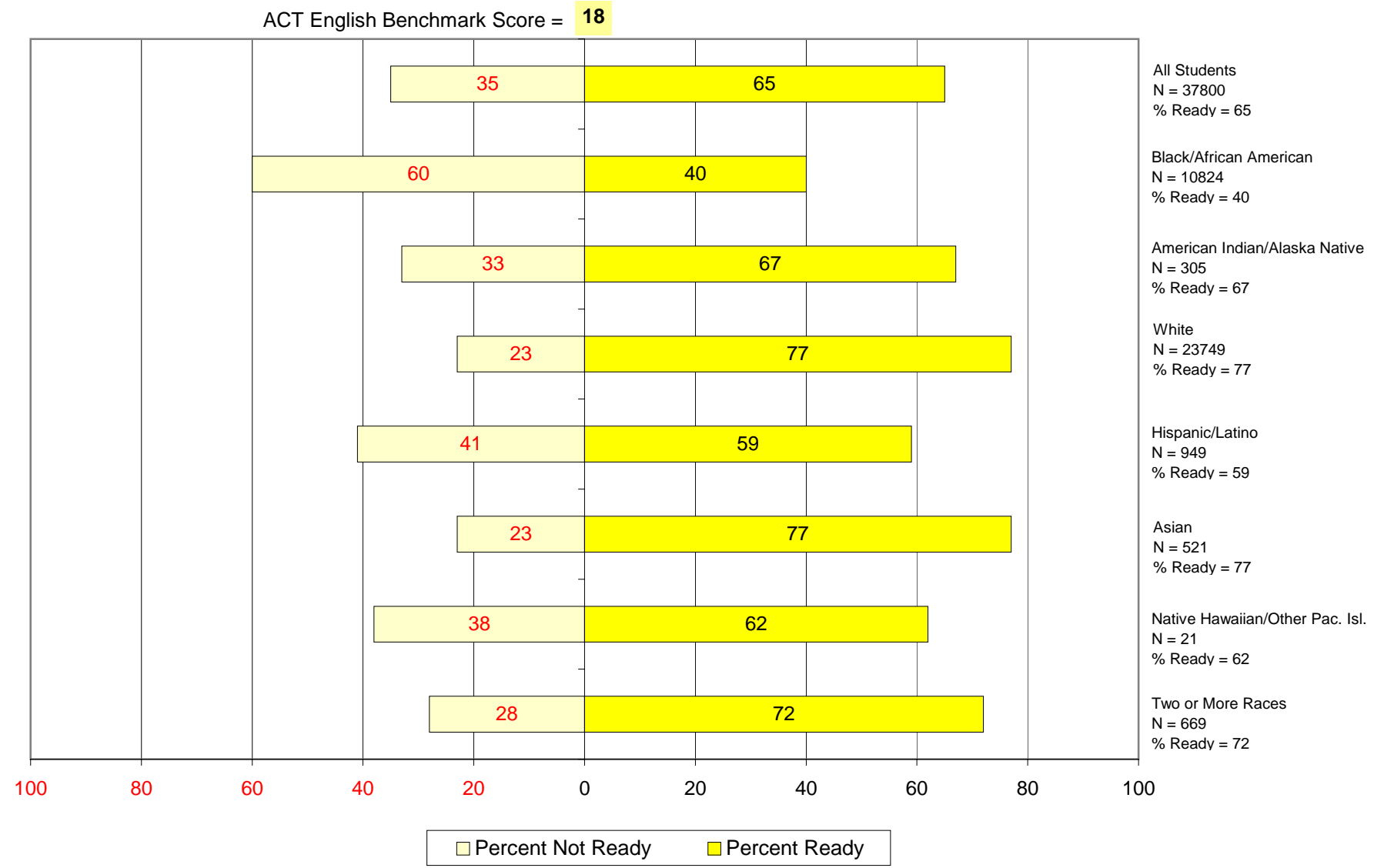
Section III

College Readiness and the Impact of Course Rigor

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

Total Students in Report: 37,800

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

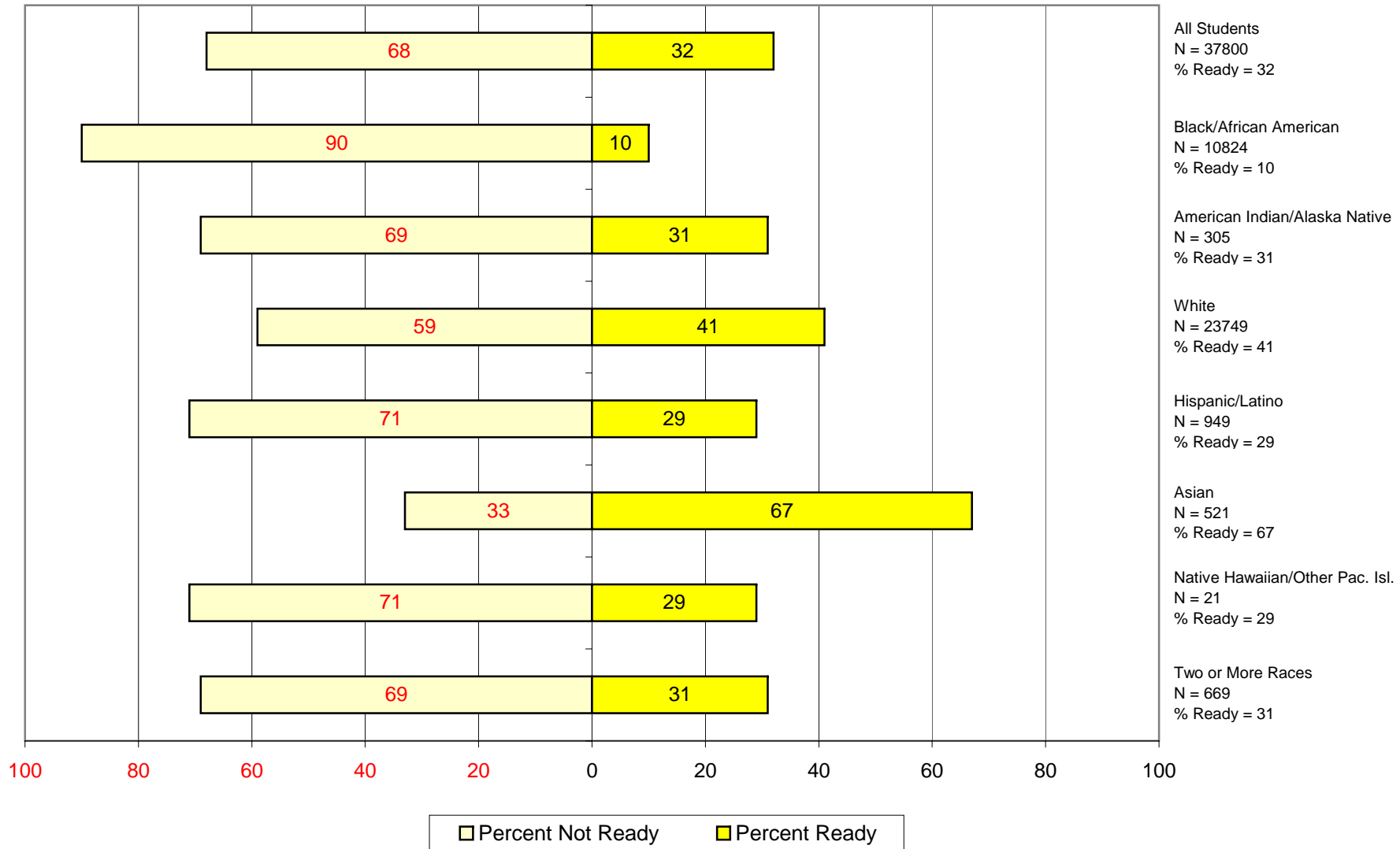


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 37,800

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

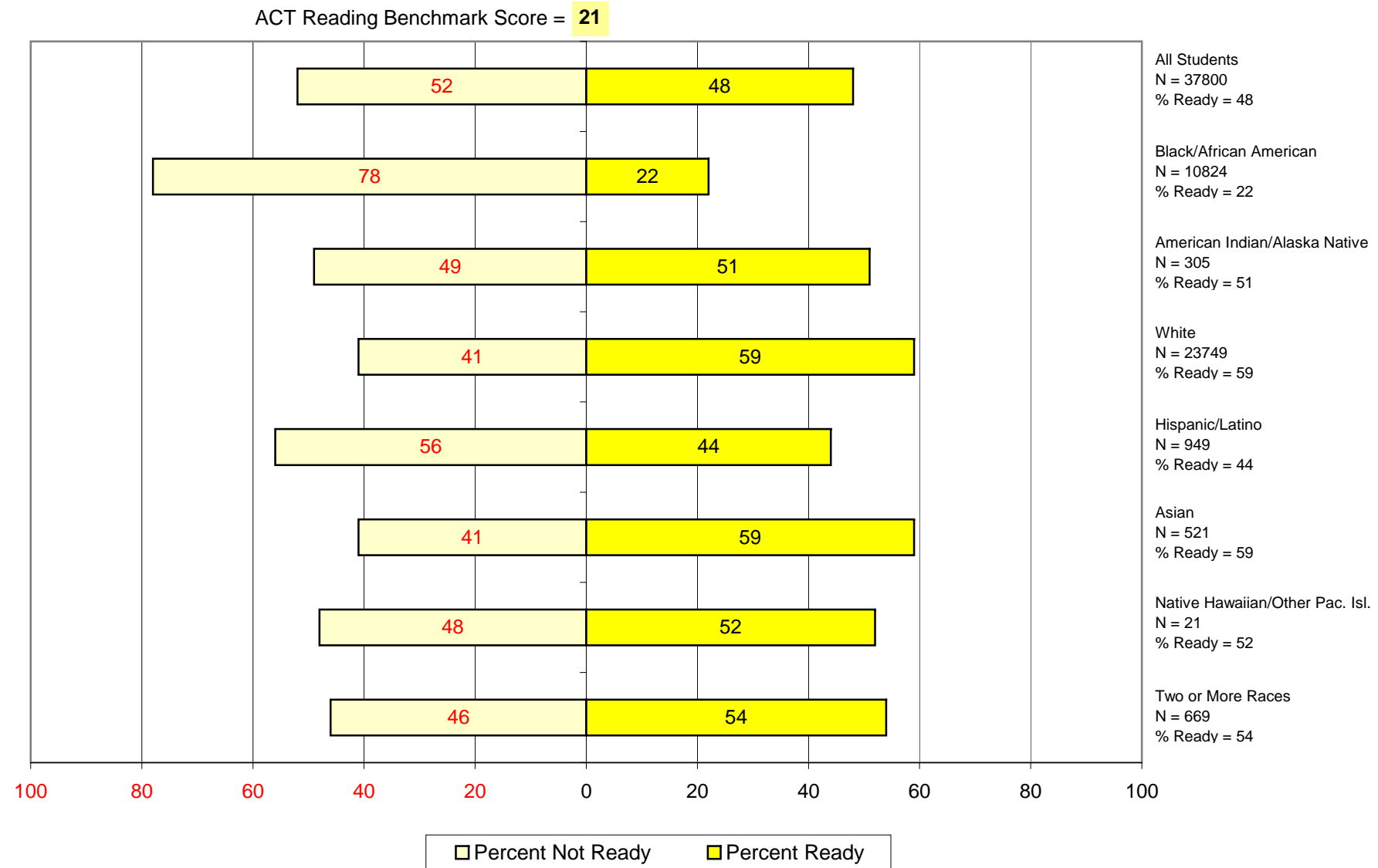
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 37,800

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

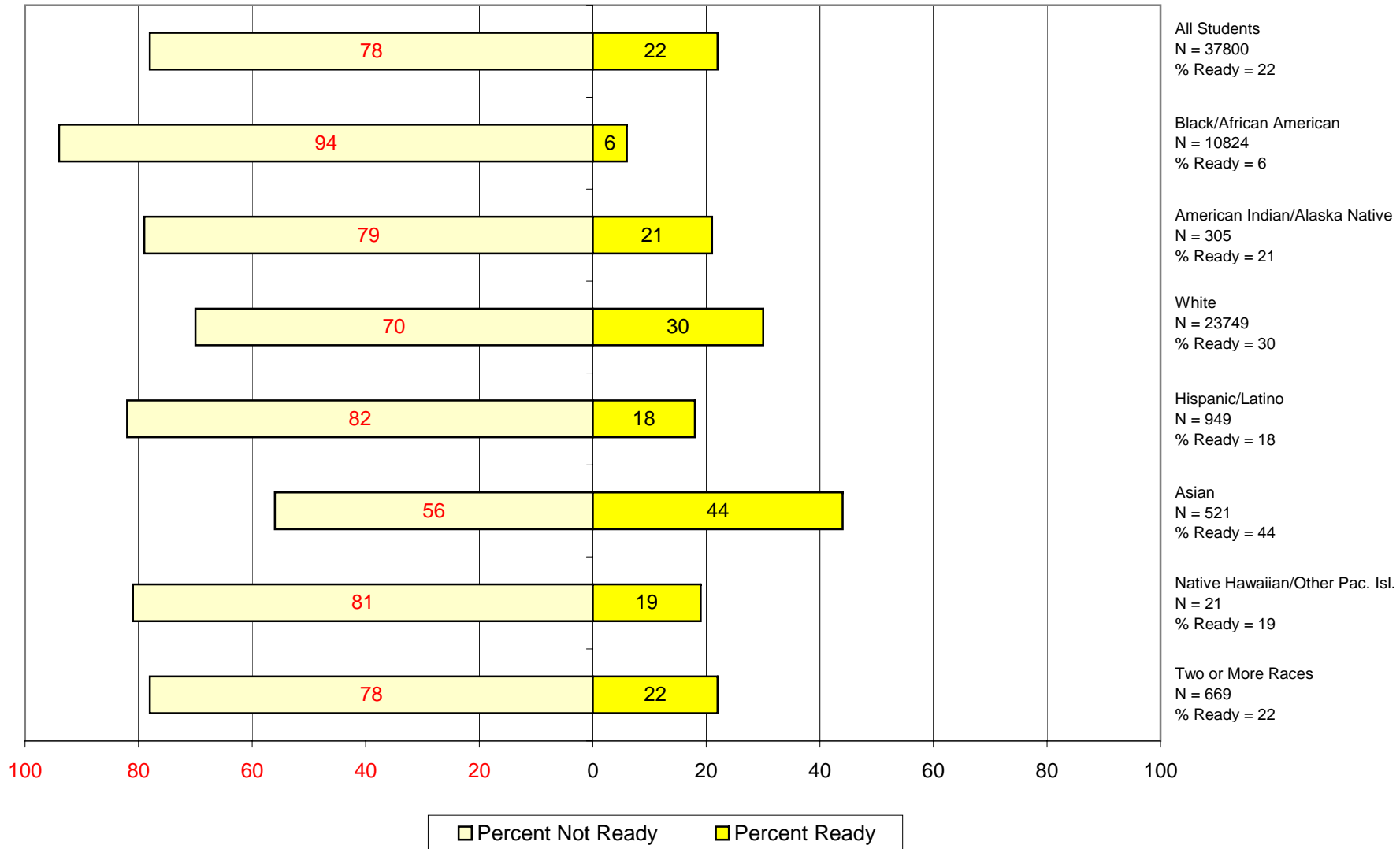


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 37,800

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

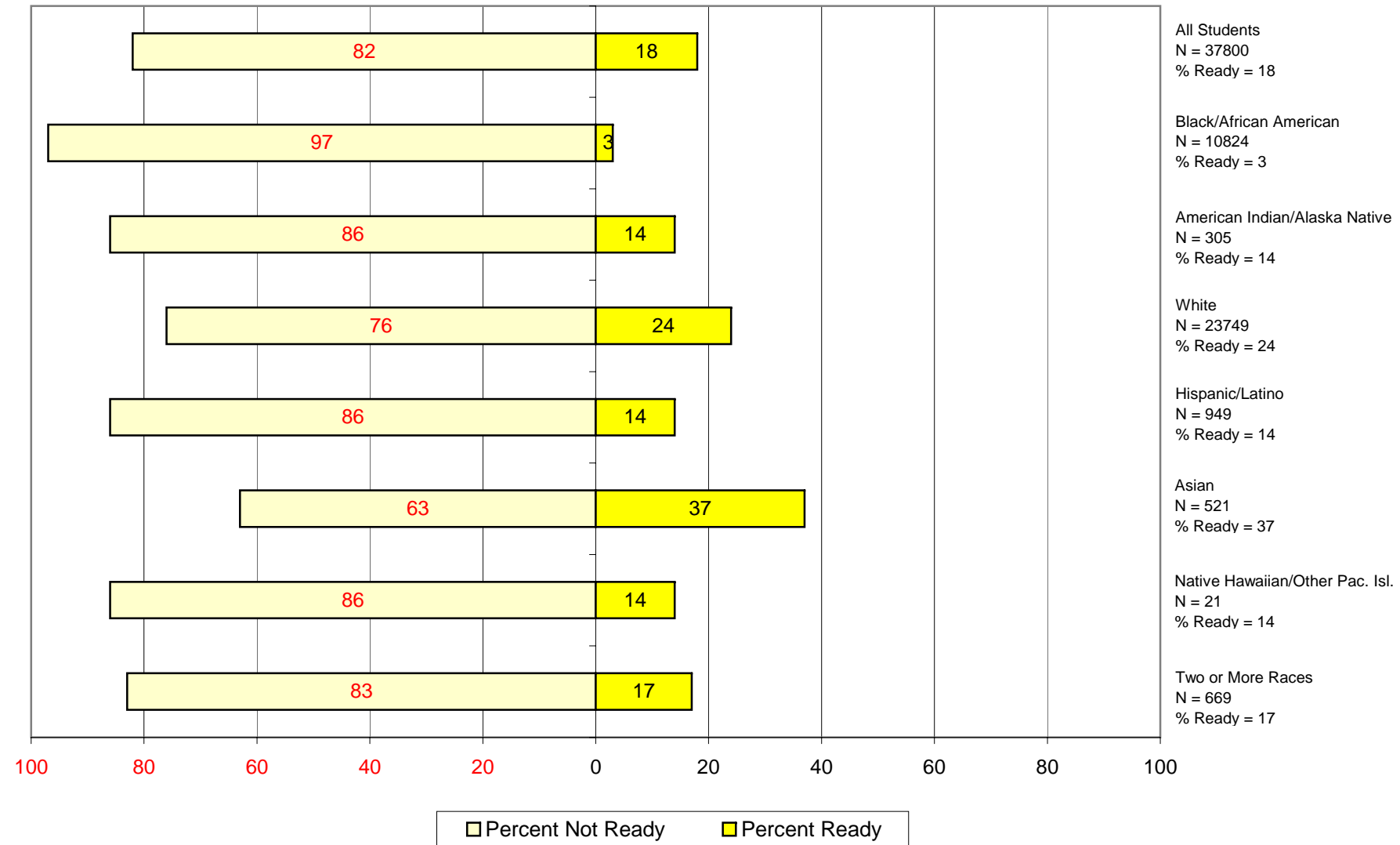
ACT Science Benchmark Score = 24



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

Total Students in Report: 37,800

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ALL FOUR



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

Total Students in Report: 37,800

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	7,477	20	21.2	3.8	3,318	19	20.8	3.5	4,159	20	21.5	4.1
Eng 9, Eng 10, Eng 11, Eng 12	29,656	78	20.3	2.9	13,763	79	20.1	2.8	15,884	78	20.5	3.1
Less than 4 years of English	484	1	17.4	-	245	1	17.3	-	237	1	17.4	-
Zero years / no English courses reported	183	0	16.0	-	118	1	16.0	-	64	0	15.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,675	7	20.9	4.8	1,162	7	22.0	5.7	1,512	7	20.1	4.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,013	13	20.4	4.3	1,944	11	21.1	4.8	3,067	15	19.9	4.1
Alg 1, Alg 2, Geom, & Trig	3,529	9	18.0	1.9	1,580	9	18.4	2.1	1,948	10	17.6	1.8
Alg 1, Alg 2, Geom, & Other Adv Math	2,971	8	18.3	2.2	1,242	7	18.7	2.4	1,728	8	18.0	2.2
Other comb of 4 or more years of Math	14,799	39	21.5	5.4	7,242	42	22.1	5.8	7,557	37	20.9	5.1
Alg 1, Alg 2, & Geom	4,261	11	16.6	0.5	1,975	11	16.9	0.6	2,285	11	16.4	0.6
Other comb of 3 or 3.5 years of Math	1,673	4	17.8	1.7	889	5	17.9	1.6	783	4	17.6	1.8
Less than 3 years of Math	2,669	7	16.1	-	1,280	7	16.3	-	1,385	7	15.8	-
Zero years / no Math courses reported	210	1	16.9	-	130	1	16.9	-	79	0	16.9	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	811	2	20.3	1.4	435	2	20.5	1.5	376	2	20.1	1.4
Other comb of 4 or more years Social Science	23,848	63	21.3	2.4	10,800	62	21.3	2.3	13,048	64	21.3	2.6
US Hist, World Hist, & Am Gov	1,191	3	18.8	-0.1	583	3	18.9	-0.1	607	3	18.8	0.1
Other comb of 3 or 3.5 years of Social Science	10,014	26	20.0	1.1	4,636	27	20.1	1.1	5,372	26	20.0	1.3
Less than 3 years of Social Science	1,721	5	18.9	-	860	5	19.0	-	857	4	18.7	-
Zero years / no Social Science courses reported	215	1	17.2	-	130	1	17.3	-	84	0	16.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	16,816	44	21.0	3.1	8,274	47	21.6	3.6	8,541	42	20.3	2.6
Bio, Chem, Phys	2,037	5	23.4	5.5	903	5	24.5	6.5	1,133	6	22.5	4.8
Gen Sci ² , Bio, Chem	10,851	29	19.9	2.0	4,531	26	20.2	2.2	6,315	31	19.7	2.0
Other comb of 3 years of Natural Science	1,245	3	17.8	-0.1	608	3	18.5	0.5	636	3	17.1	-0.6
Less than 3 years of Natural Science	6,650	18	17.9	-	3,001	17	18.0	-	3,646	18	17.7	-
Zero years / no Natural Science courses reported	201	1	17.6	-	127	1	17.8	-	73	0	17.3	-

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

²Includes General, Physical and Earth Sciences.

Total Students in Report: 37,800

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	7,477	20	21.2	69	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	29,656	78	20.3	65	1,143,409	70	20.6	66
Less than 4 years of English	484	1	17.4	46	66,225	4	16.6	40
Zero years / no English courses reported	183	0	16.0	38	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,675	7	20.9	44	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	5,013	13	20.4	40	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	3,529	9	18.0	17	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	2,971	8	18.3	21	271,304	17	19.9	36
Other comb of 4 or more years of Math	14,799	39	21.5	48	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	4,261	11	16.6	7	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	1,673	4	17.8	16	78,953	5	19.9	35
Less than 3 years of Math	2,669	7	16.1	3	79,145	5	16.4	8
Zero years / no Math courses reported	210	1	16.9	13	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	811	2	20.3	46	47,284	3	22.5	59
Other comb of 4 or more years Social Science	23,848	63	21.3	52	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	1,191	3	18.8	34	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	10,014	26	20.0	42	445,631	27	21.1	51
Less than 3 years of Social Science	1,721	5	18.9	34	149,746	9	19.7	40
Zero years / no Social Science courses reported	215	1	17.2	26	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	16,816	44	21.0	28	686,167	42	22.1	39
Bio, Chem, Phys	2,037	5	23.4	49	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	10,851	29	19.9	19	476,294	29	20.1	21
Other comb of 3 years of Natural Science	1,245	3	17.8	7	45,296	3	19.6	20
Less than 3 years of Natural Science	6,650	18	17.9	9	205,148	13	18.3	12
Zero years / no Natural Science courses reported	201	1	17.6	9	50,187	3	17.8	13

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

Total Students in Report: 37,800

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

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	662	2	18.2	71	3	15.7	548	2	18.7
Architecture	407	1	21.1	14	1	15.4	381	1	21.3
Area, Ethnic, & Multidisciplinary Studies	60	0	23.8	0	0	.	56	0	24.1
Arts: Visual & Performing	2,089	6	20.3	126	6	16.7	1,855	6	20.7
Business	3,277	9	19.5	218	10	16.0	2,917	9	19.8
Communications	668	2	20.8	17	1	16.6	630	2	21.0
Community, Family, & Personal Services	1,134	3	18.4	125	6	15.8	962	3	18.8
Computer Science & Mathematics	1,126	3	20.7	70	3	16.6	1,011	3	21.1
Education	2,672	7	19.5	91	4	16.2	2,433	7	19.7
Engineering	2,451	6	21.8	99	4	15.6	2,257	7	22.2
Engineering Technology & Drafting	1,225	3	21.1	79	4	16.2	1,081	3	21.5
English & Foreign Languages	289	1	23.6	5	0	14.2	260	1	24.0
Health Administration & Assisting	1,296	3	17.7	156	7	15.7	1,057	3	18.1
Health Sciences & Technologies	8,932	24	20.3	484	22	17.0	8,160	24	20.5
Philosophy, Religion, & Theology	228	1	22.0	10	0	17.3	203	1	22.3
Repair, Production, & Construction	464	1	17.5	191	9	16.4	242	1	18.6
Sciences: Biological & Physical	1,938	5	22.5	38	2	17.3	1,820	5	22.7
Social Sciences & Law	2,190	6	20.7	47	2	16.7	2,062	6	20.9
Undecided	6,279	17	20.9	379	17	16.6	5,317	16	21.3
No Response	413	1	16.9	12	1	14.4	132	0	17.5

¹Refer to the section header on page 25 for a description of educational major changes.

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

³Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 37,800

Table 4.2. Average ACT Composite Scores for Racial/Ethnic¹ Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	433	15.9	153	14.7	3	17.7	247	16.7	17	14.7
2-yr College Degree	1,799	16.5	552	14.8	12	16.8	1,113	17.4	54	15.8
Bachelors Degree	18,101	19.3	5,219	16.5	146	19.9	11,506	20.6	439	18.9
Graduate Study	5,282	22.6	1,077	18.5	42	21.8	3,816	23.8	93	22.0
Prof. Level Degree	10,001	22.2	3,181	18.7	84	22.1	5,763	24.0	282	22.0
Other	806	17.8	281	15.6	10	17.4	440	19.2	18	19.2
No Response	1,378	19.5	361	15.7	8	17.6	864	20.8	46	19.7

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	433	15.9	2	16.0	0	.	7	17.9	4	15.3
2-yr College Degree	1,799	16.5	9	16.2	2	17.5	29	18.0	28	17.2
Bachelors Degree	18,101	19.3	165	20.6	11	19.2	317	19.7	298	19.1
Graduate Study	5,282	22.6	57	24.7	2	21.5	82	21.7	113	22.6
Prof. Level Degree	10,001	22.2	244	25.9	5	23.2	203	22.4	239	23.0
Other	806	17.8	18	17.7	1	13.0	15	18.2	23	18.5
No Response	1,378	19.5	26	23.7	0	.	16	22.8	57	20.3

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

Total Students in Report: 37,800

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	10,447	4,184	6,263	1	7	24	32	22	13	1
AUBURN UNIVERSITY	Alabama	8,982	3,701	5,281	1	6	20	30	25	15	2
UNIVERSITY OF ALABAMA IN BIRMINGHAM	Alabama	6,629	1,768	4,861	1	9	28	32	20	9	1
TROY UNIVERSITY-TROY	Alabama	5,064	1,358	3,706	2	14	35	30	15	4	0
UNIVERSITY OF SOUTH ALABAMA	Alabama	4,562	1,463	3,099	1	12	31	31	19	6	0
JACKSONVILLE STATE UNIVERSITY	Alabama	3,429	1,071	2,358	2	15	36	28	14	4	0
UNIVERSITY OF NORTH ALABAMA	Alabama	2,694	780	1,914	1	11	31	34	18	6	0
UNIVERSITY OF ALABAMA IN HUNTSVILLE	Alabama	2,501	604	1,897	1	9	23	31	22	13	1
ALABAMA STATE UNIVERSITY	Alabama	2,083	691	1,392	7	32	44	13	3	1	0
ALABAMA A & M UNIVERSITY	Alabama	1,786	580	1,206	7	30	44	16	2	0	0
AUBURN UNIVERSITY MONTGOMERY	Alabama	1,691	454	1,237	3	18	39	26	11	2	0
SAMFORD UNIVERSITY	Alabama	1,584	277	1,307	1	5	17	30	27	19	2
MISSISSIPPI STATE UNIVERSITY	Mississippi	1,320	239	1,081	1	6	21	25	27	18	2
UNIVERSITY OF MONTEVALLO	Alabama	1,314	360	954	1	8	27	33	22	8	0
WALLACE STATE COLLEGE	Alabama	1,125	373	752	2	14	42	29	11	1	0
SHELTON STATE COMMUNITY COLLEGE	Alabama	1,105	325	780	4	20	42	25	8	1	0
CALHOUN COMMUNITY COLLEGE	Alabama	1,068	432	636	2	12	35	33	14	4	0
JEFFERSON STATE COMMUNITY COLLEGE	Alabama	1,044	303	741	3	16	39	29	10	2	0
UNIVERSITY OF WEST ALABAMA	Alabama	967	230	737	5	20	39	25	10	2	0
NCAA ELIGIBILITY CENTER	Indiana	962	464	498	2	16	32	30	14	5	1
BIRMINGHAM-SOUTHERN COLLEGE	Alabama	946	162	784	1	7	22	27	24	17	2
TUSKEGEE UNIVERSITY	Alabama	879	183	696	3	23	45	25	4	1	0
UNIVERSITY OF MISSISSIPPI	Mississippi	811	102	709	0	4	16	32	28	19	2
UNIVERSITY OF MOBILE	Alabama	782	145	637	2	11	27	33	20	7	0
FAULKNER STATE COMMUNITY COLLEGE	Alabama	771	274	497	4	20	40	26	9	1	0
GADSDEN STATE COMMUNITY COLLEGE	Alabama	727	232	495	2	18	42	29	8	2	0
SOUTHERN UNION STATE COMMUNITY COLLEGE	Alabama	702	215	487	4	18	39	29	9	1	0
VANDERBILT UNIVERSITY	Tennessee	676	125	551	0	1	5	16	25	40	13
STILLMAN COLLEGE	Alabama	631	149	482	6	31	44	16	2	0	0
UNIVERSITY OF GEORGIA	Georgia	592	61	531	1	7	17	27	25	21	2
All Other Institutions		24,146	5,772	18,374	3	14	29	25	16	11	2
Total		92,020	27,077	64,943	2	12	29	28	18	10	1

Section V

Optional Writing Test Results

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

Total Students in Report: 37,800

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity¹ and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	13,100	905,035	21.5	21.5	6.5	7.1	20.2	20.8
Black/African American	3,653	112,251	17.8	16.7	6.0	6.3	17.0	16.5
American Indian/Alaska Native	98	5,519	20.4	18.4	6.5	6.5	19.4	18.0
White	8,134	522,234	23.1	23.2	6.6	7.3	21.5	22.2
Hispanic/Latino	352	128,599	20.6	18.4	6.7	6.8	19.7	18.2
Asian	253	51,829	24.9	23.8	7.2	7.6	23.4	22.9
Native Hawaiian/Other Pac. Isl.	8	1,332	20.0	19.7	6.5	7.2	19.1	19.5
Two or more races	287	27,722	21.6	21.6	6.5	7.0	20.3	20.8
Prefer not/No Response	315	55,549	22.6	21.3	6.7	7.0	21.2	20.5
Males	5,848	399,206	21.7	21.3	6.2	6.8	20.1	20.3
Females	7,248	503,699	21.4	21.8	6.6	7.3	20.2	21.1
Missing	4	2,130	20.0	17.6	6.5	6.2	19.3	17.1

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

