

ACT Profile Report - State

Graduating Class 2012
District of Columbia



ACT, INC. -- CONFIDENTIAL



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This report provides information about the performance of your 2012 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 2012 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.

Total Students in Report: 1,549

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

24% 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: 1,549 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. 81% 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 1% of the cohort took less than three years of math courses. Of these students, 25% were college ready. 4% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 4% of these students were college ready. In comparison, 39% 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 4% of the cohort took less than three years of natural science courses. 30% 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 58% 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.

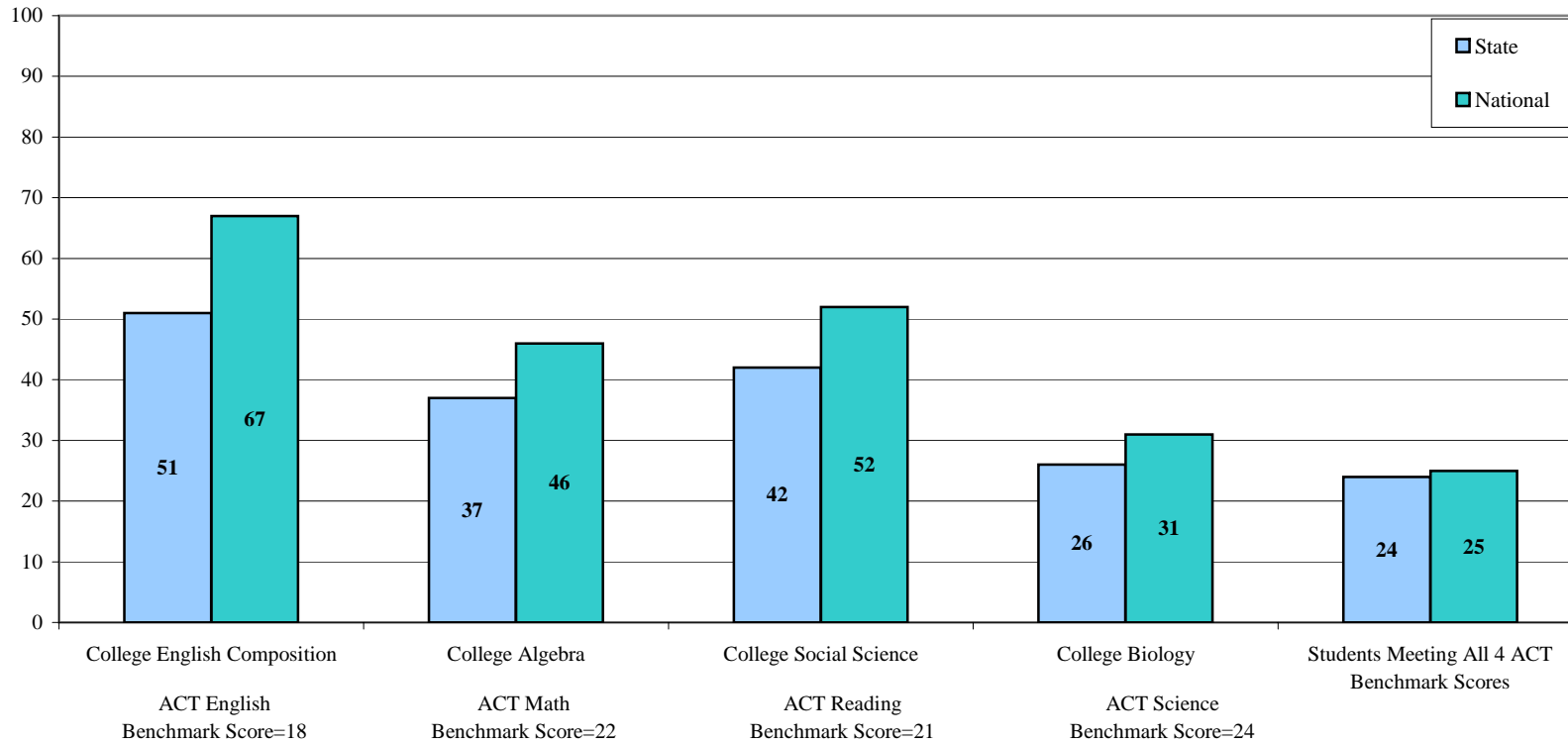
Section I

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: 1,549

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: 1,549

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
2008	1,503	1,421,941	48	68	31	43	39	53	21	28	18	22
2009	1,548	1,480,469	50	67	33	42	40	53	22	28	21	23
2010	1,523	1,568,835	53	66	35	43	42	52	25	29	24	24
2011	1,480	1,623,112	53	66	38	45	45	52	26	30	25	25
2012	1,549	1,666,017	51	67	37	46	42	52	26	31	24	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
2008	1,503	1,421,941	18.6	20.6	19.2	21.0	19.6	21.4	18.6	20.8	19.1	21.1
2009	1,548	1,480,469	19.1	20.6	19.5	21.0	19.7	21.4	18.6	20.9	19.4	21.1
2010	1,523	1,568,835	19.5	20.5	19.9	21.0	20.2	21.3	19.2	20.9	19.8	21.0
2011	1,480	1,623,112	19.7	20.6	20.2	21.1	20.4	21.3	19.4	20.9	20.0	21.1
2012	1,549	1,666,017	19.0	20.5	20.0	21.1	20.0	21.3	19.2	20.9	19.7	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2012	1,666,017	20.5	21.1	21.3	20.9	21.1

Total Students in Report: 1,549

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
2008	831	358	55	24	19.2	18.7	19.5	19.6	20.0	19.6	18.9	18.8	19.5	19.3
2009	1,144	310	74	20	19.6	19.0	19.8	19.6	20.1	19.7	18.8	18.9	19.7	19.4
2010	1,162	280	76	18	19.8	19.9	20.1	20.2	20.4	20.8	19.4	19.4	20.1	20.2
2011	1,200	237	81	16	19.5	21.3	20.1	21.2	20.4	21.6	19.3	20.4	19.9	21.3
2012	1,256	262	81	17	19.0	19.5	20.0	20.6	19.9	20.3	19.2	19.4	19.6	20.1

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.

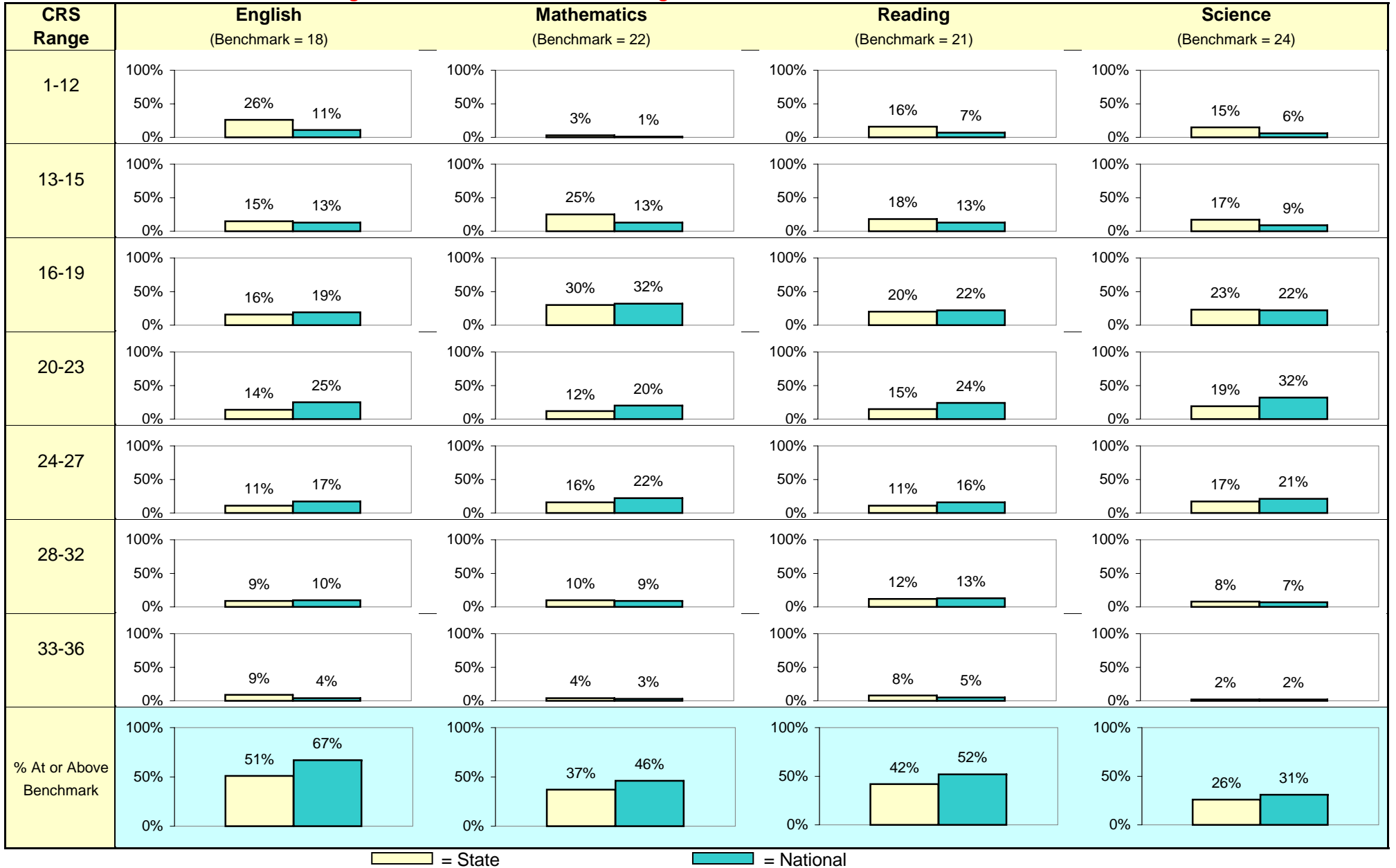
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,503	100	19.1	1,548	100	19.4	1,523	100	19.8	1,480	100	20.0	1,549	100	19.7
Black/African American	849	56	15.9	895	58	15.7	869	57	16.0	820	55	16.1	875	56	16.2
American Indian/Alaska Native	3	0	19.0	5	0	16.6	6	0	15.7	12	1	15.1	7	0	14.1
White	318	21	26.1	381	25	26.2	375	25	27.2	380	26	27.1	368	24	26.7
Hispanic/Latino	64	4	18.5	73	5	19.5	77	5	20.6	109	7	20.6	107	7	19.7
Asian	22	1	22.8	25	2	24.3	36	2	25.0	27	2	24.9	25	2	24.4
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	1	0	29.0	2	0	21.0
Two or more races	48	3	21.9	50	3	20.4	45	3	21.2	40	3	21.9	65	4	21.5
Prefer not to respond/No response	199	13	21.2	119	8	23.6	115	8	22.0	91	6	23.3	100	6	21.8

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

Total Students in Report: 1,549

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



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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: 1,549

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	10	100	9	100	10	100	11	100	1	100	36
35	41	99	15	99	27	99	6	99	10	100	35
34	47	97	23	98	29	98	3	99	19	99	34
33	36	94	22	97	53	96	11	99	15	98	33
32	36	91	21	96	36	92	21	98	35	97	32
31	28	89	15	94	46	90	18	97	42	95	31
30	30	87	34	93	37	87	25	95	48	92	30
29	25	85	42	91	37	85	21	94	44	89	29
28	28	84	37	88	32	82	34	93	38	86	28
27	44	82	61	86	35	80	64	90	39	84	27
26	34	79	63	82	32	78	37	86	53	81	26
25	44	77	49	78	35	76	60	84	51	78	25
24	53	74	69	75	62	74	98	80	63	74	24
23	45	71	54	70	53	70	66	74	46	70	23
22	42	68	56	67	56	66	63	69	51	67	22
21	67	65	22	63	78	63	74	65	49	64	21
20	62	61	53	62	48	58	92	60	67	61	20
19	58	57	63	58	66	54	68	55	64	57	19
18	58	53	77	54	83	50	117	50	90	53	18
17	58	49	121	49	79	45	100	43	103	47	17
16	76	45	211	42	80	40	74	36	99	40	16
15	93	40	233	28	94	35	94	31	114	34	15
14	85	34	92	13	94	28	83	25	126	26	14
13	53	29	66	7	93	22	83	20	99	18	13
12	53	26	24	3	105	16	57	15	84	12	12
11	72	22	13	1	65	10	69	11	58	6	11
10	90	17	1	1	38	5	41	6	25	3	10
9	60	12	1	1	27	3	29	4	10	1	9
8	67	8	2	1	5	1	10	2	4	1	8
7	35	3	0	1	6	1	6	1	2	1	7
6	12	1	0	1	3	1	5	1	0	1	6
5	3	1	0	1	2	1	4	1	0	1	5
4	3	1	0	1	2	1	2	1	0	1	4
3	0	1	0	1	0	1	2	1	0	1	3
2	1	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	1	1	1	1	0	1	1
Avg (SD)	19.0 (8.1)		20.0 (6.0)		20.0 (7.4)		19.2 (6.2)		19.7 (6.5)		Avg (SD)

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

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

Total Students in Report: 1,549

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	106	100	40	100	52	100	71	100	83	100	30	100	35	100	18
17	81	93	44	97	88	97	107	95	78	95	13	98	4	98	17
16	76	88	115	95	77	91	87	89	50	90	60	97	71	97	16
15	44	83	59	87	70	86	61	83	78	86	61	93	75	93	15
14	71	80	88	83	64	81	76	79	70	81	114	89	100	88	14
13	43	76	83	78	91	77	88	74	101	77	107	82	121	82	13
12	74	73	81	72	105	71	80	68	85	70	91	75	106	74	12
11	72	68	116	67	77	65	85	63	120	65	144	69	113	67	11
10	117	63	83	60	103	60	100	58	111	57	161	60	145	60	10
9	99	56	146	54	142	53	132	51	73	50	205	50	165	50	9
8	127	49	143	45	104	44	158	43	168	45	226	36	158	40	8
7	120	41	119	36	228	37	100	33	269	34	112	22	142	29	7
6	129	34	122	28	115	22	152	26	139	17	74	15	149	20	6
5	111	25	110	20	103	15	133	16	72	8	60	10	7	11	5
4	106	18	122	13	72	8	57	8	25	3	30	6	99	10	4
3	99	11	56	5	29	4	52	4	23	2	36	4	2	4	3
2	66	5	19	1	21	2	9	1	4	1	1	2	41	4	2
1	8	1	3	1	8	1	1	1	0	1	24	2	16	1	1
Avg (SD)	9.4 (4.8)		9.6 (4.2)		9.9 (4.2)		10.1 (4.4)		10.2 (4.0)		9.9 (3.5)		9.7 (3.8)		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	25	25	24	25
Q2 (50th Percentile)	18	18	18	18	18
Q1 (25th Percentile)	12	15	14	14	14

Total Students in Report: 1,549

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	1,549	81	19.6	20.1
	Black/African American	875	83	16.3	15.9
	American Indian/Alaska Native	7	71	14.2	14.0
	White	368	80	26.5	27.5
	Hispanic/Latino	107	81	19.9	19.3
	Asian	25	88	24.3	25.0
	Native Hawaiian/Other Pac. Isl.	2	50	24.0	18.0
	Two or more races	65	83	20.4	27.1
	Prefer not/No Response	100	67	23.0	22.2
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

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	19.0	20.0	20.0	19.2	19.7
	Black/African American	14.9	17.0	16.4	16.1	16.2
	American Indian/Alaska Native	12.4	14.7	14.9	14.1	14.1
	White	27.4	26.3	27.2	25.3	26.7
	Hispanic/Latino	19.0	20.0	20.0	19.2	19.7
	Asian	23.3	25.7	24.2	24.2	24.4
	Native Hawaiian/Other Pac. Isl.	21.0	19.5	21.0	20.5	21.0
	Two or more races	21.5	21.2	22.1	21.0	21.5
	Prefer not/No Response	21.2	22.2	22.1	21.3	21.8
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

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

Total Students in Report: 1,549

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	134	9	69	4	119	8	31	2
	28 to 32	147	9	149	10	188	12	119	8
	24 to 27	175	11	242	16	164	11	259	17
	20 to 23	216	14	185	12	235	15	295	19
	16 to 19	250	16	472	30	308	20	359	23
	13 to 15	231	15	391	25	281	18	260	17
	01 to 12	396	26	41	3	254	16	226	15
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	683	44	20.1	21.6	21.1	20.5	21.0
	Females	864	56	18.1	18.8	19.1	18.1	18.6
	Missing	2	0	19.5	20.0	24.0	17.5	20.5
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	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	57	50	50	36	33
	Females	46	27	37	19	17
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 1,549

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	1,256	51	19.0	37	20.0	42	19.9	26	19.2	23	19.6
	Less than Core	262	52	19.5	40	20.6	45	20.3	29	19.4	27	20.1
	Missing ³	31	26	15.0	16	17.5	29	17.4	23	17.2	10	16.9
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

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	1,489	52	19.1	1,504	37	20.1	1,329	42	19.9	1,462	26	19.2
	Less than Core	33	39	16.9	16	25	17.4	191	48	20.6	57	30	18.6
	Missing ³	27	30	15.5	29	17	17.7	29	28	17.2	30	23	17.4
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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.

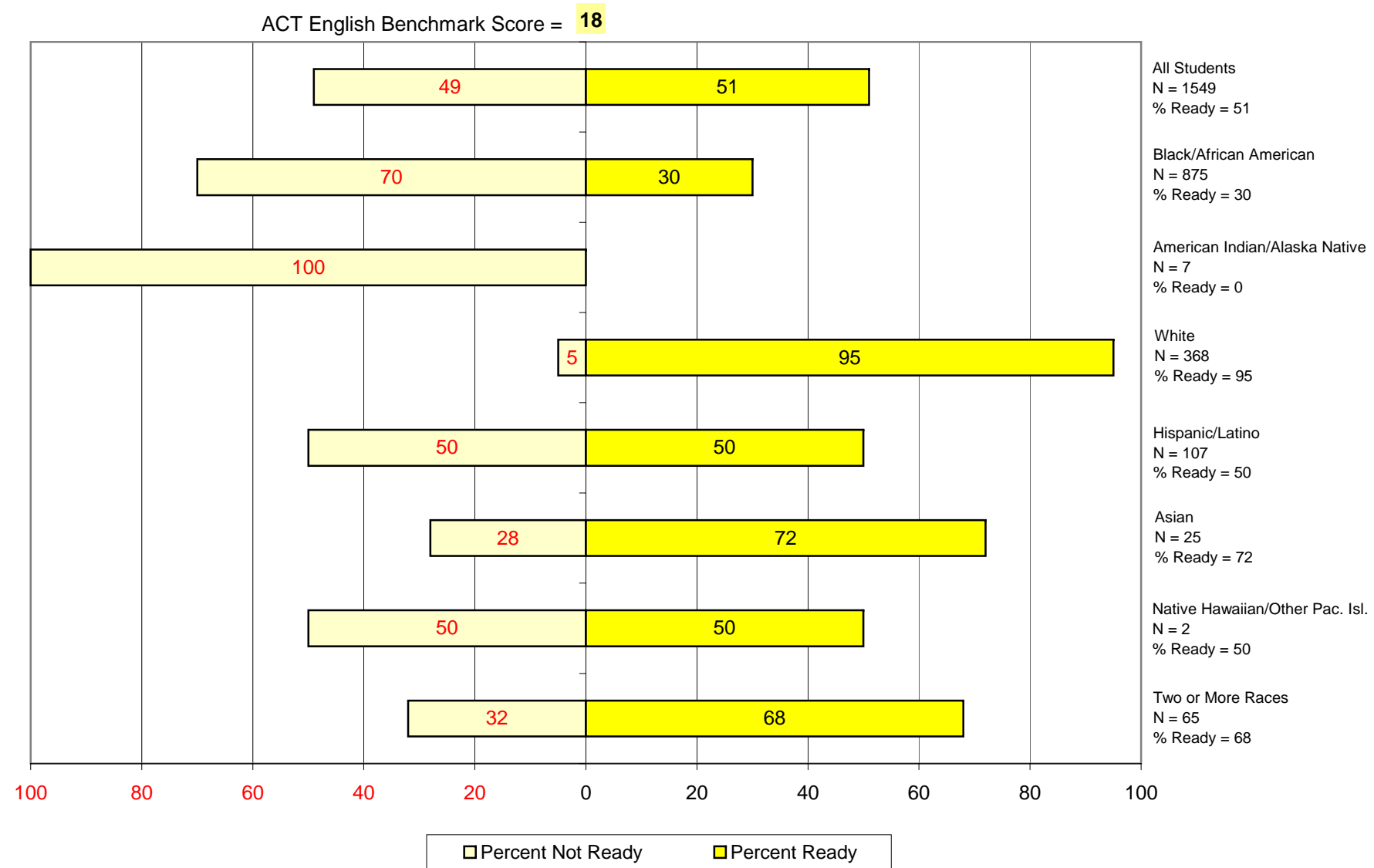
Section III

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: 1,549

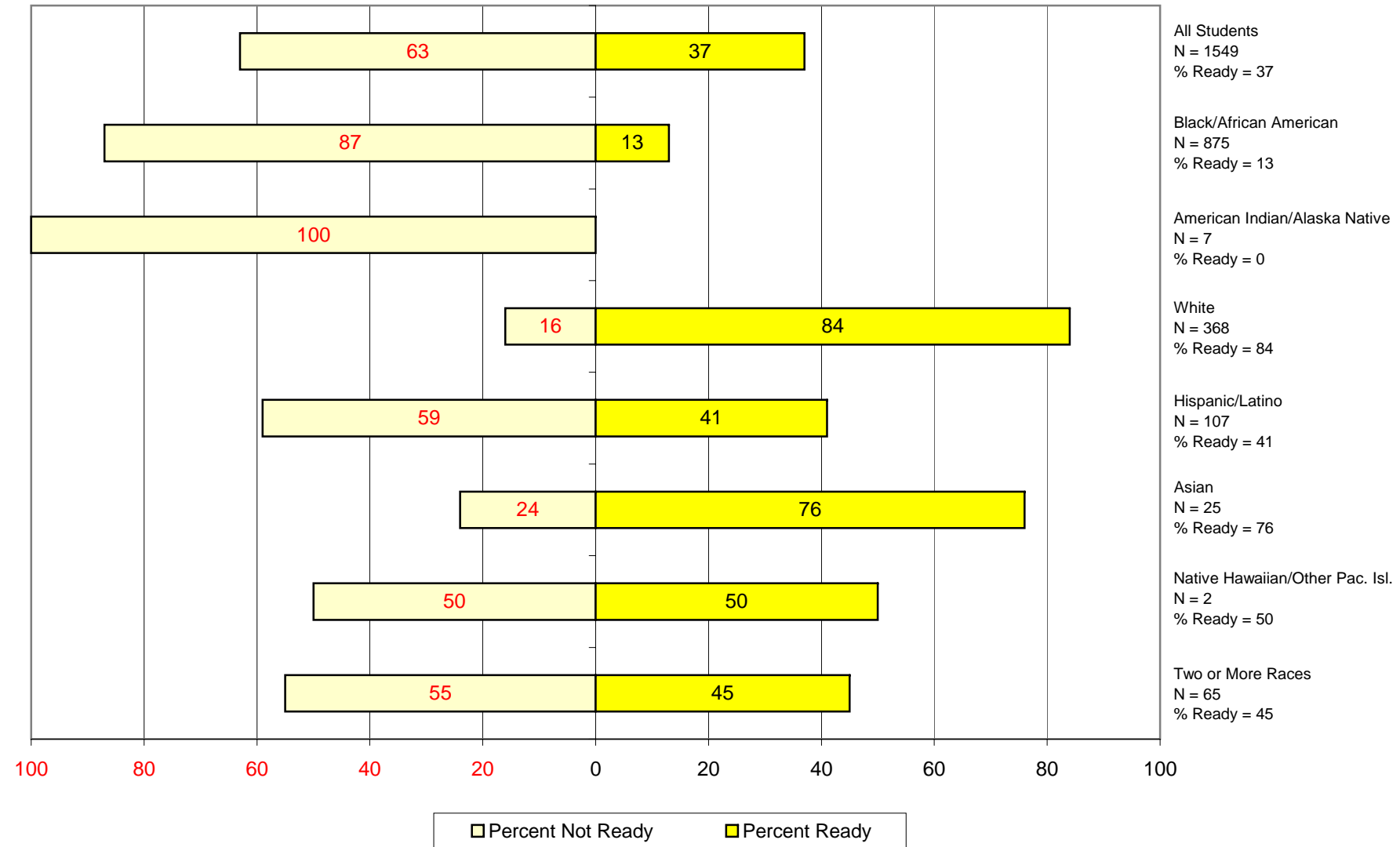
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

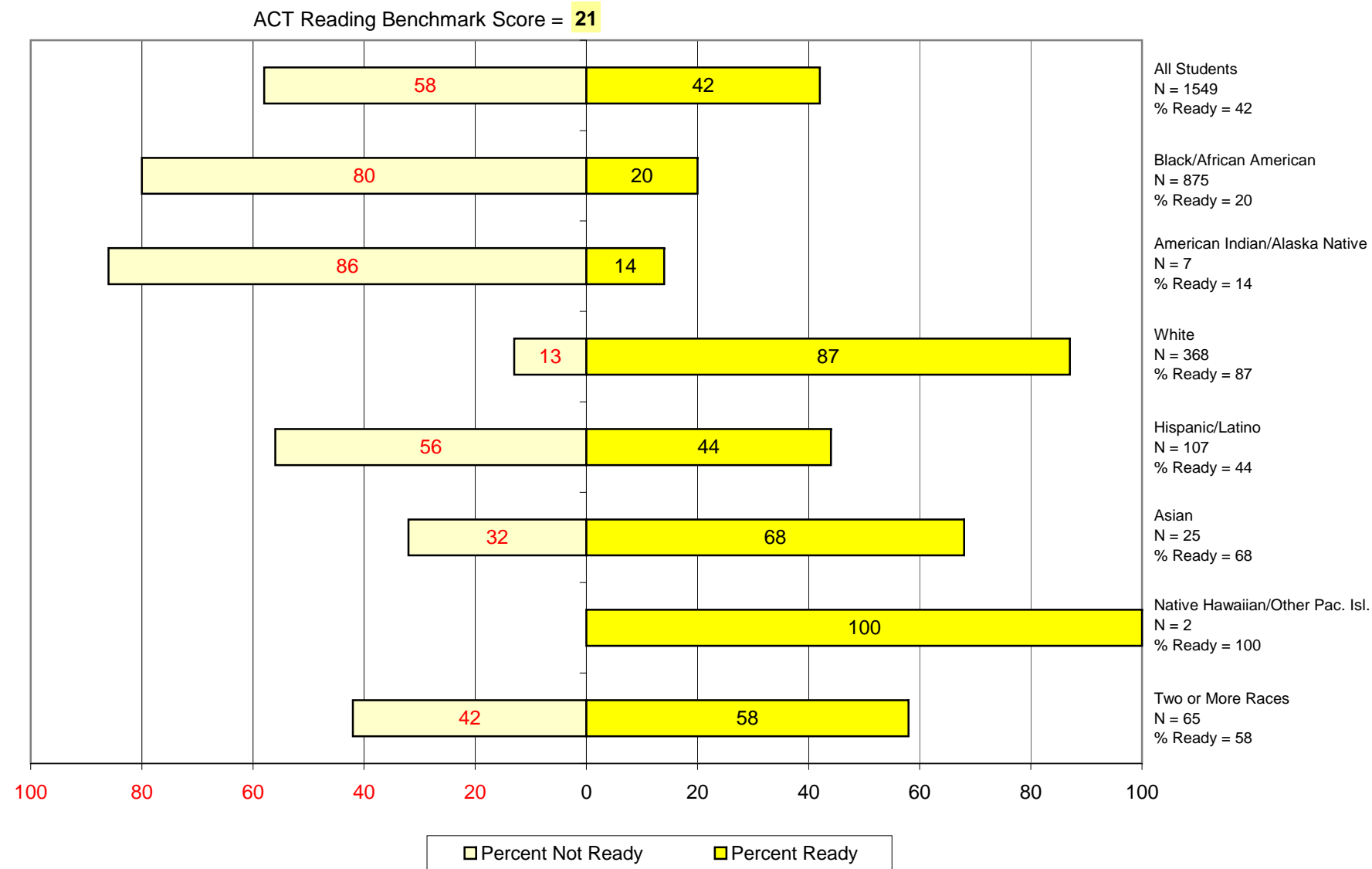
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

ACT Mathematics Benchmark Score = **22**



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

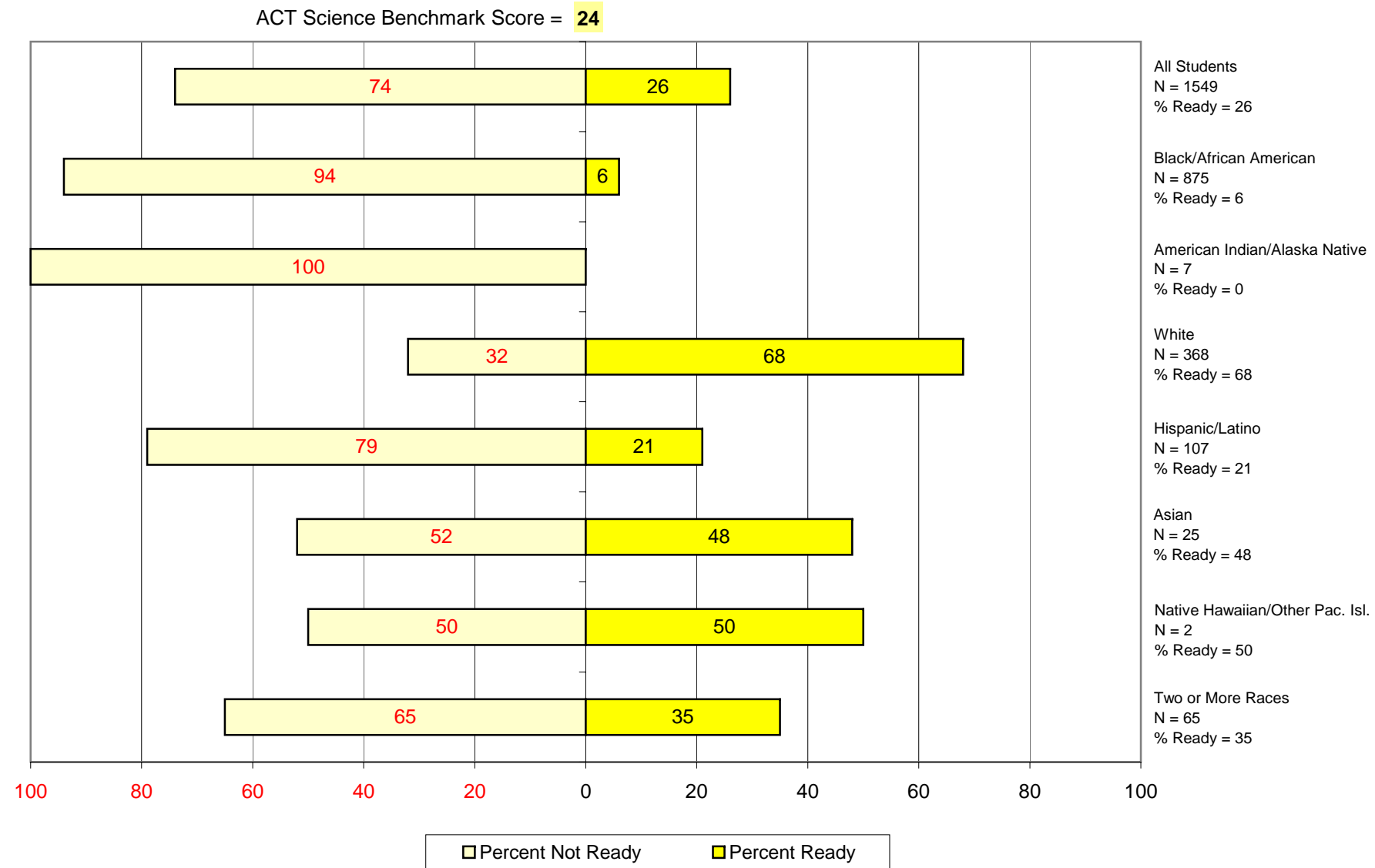
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING



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

Total Students in Report: 1,549

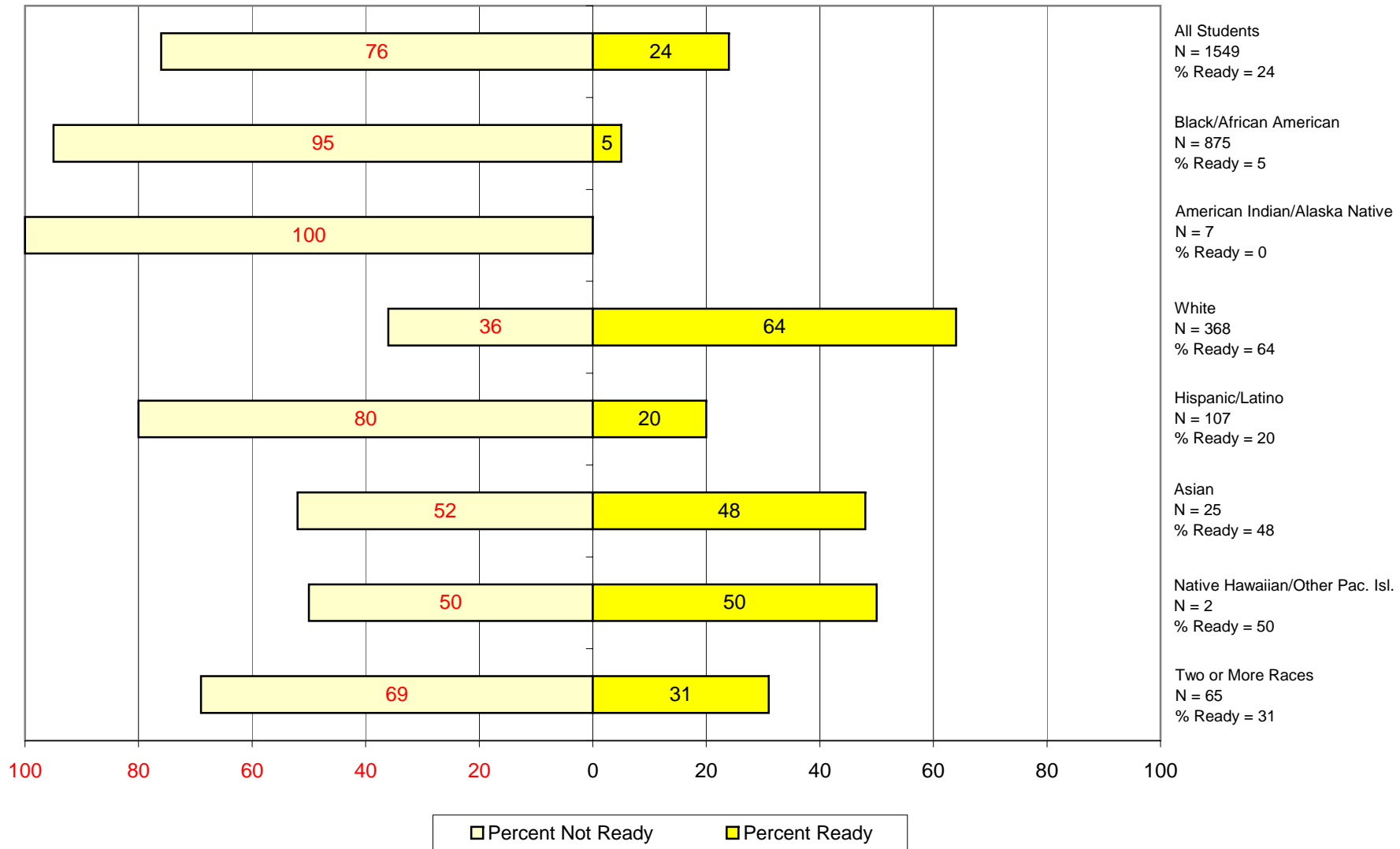
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE



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

Total Students in Report: 1,549

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: 1,549

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	421	27	20.2	3.3	199	29	21.0	3.8	221	26	19.4	2.6
Eng 9, Eng 10, Eng 11, Eng 12	1,068	69	18.7	1.8	459	67	19.9	2.7	609	70	17.8	1.0
Less than 4 years of English	33	2	16.9	-	13	2	17.2	-	20	2	16.8	-
Zero years / no English courses reported	27	2	15.5	-	12	2	16.9	-	14	2	13.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	182	12	20.4	3.0	81	12	21.8	5.3	101	12	19.2	1.2
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	187	12	20.0	2.6	81	12	21.2	4.7	106	12	19.0	1.0
Alg 1, Alg 2, Geom, & Trig	153	10	16.9	-0.5	47	7	18.5	2.0	105	12	16.2	-1.8
Alg 1, Alg 2, Geom, & Other Adv Math	199	13	17.9	0.5	62	9	18.8	2.3	137	16	17.5	-0.5
Other comb of 4 or more years of Math	658	42	22.1	4.7	346	51	23.3	6.8	312	36	20.7	2.7
Alg 1, Alg 2, & Geom	57	4	15.9	-1.5	21	3	15.9	-0.6	36	4	15.9	-2.1
Other comb of 3 or 3.5 years of Math	68	4	18.4	1.0	26	4	19.6	3.1	42	5	17.6	-0.4
Less than 3 years of Math	16	1	17.4	-	6	1	16.5	-	10	1	18.0	-
Zero years / no Math courses reported	29	2	17.7	-	13	2	19.0	-	15	2	15.9	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	242	16	20.4	-0.2	119	17	22.2	0.6	123	14	18.6	-1.3
Other comb of 4 or more years Social Science	588	38	19.6	-1.0	269	39	20.4	-1.2	319	37	18.9	-1.0
US Hist, World Hist, & Am Gov	150	10	17.0	-3.6	45	7	16.3	-5.3	105	12	17.3	-2.6
Other comb of 3 or 3.5 years of Social Science	349	23	21.4	0.8	164	24	22.6	1.0	185	21	20.4	0.5
Less than 3 years of Social Science	191	12	20.6	-	73	11	21.6	-	117	14	19.9	-
Zero years / no Social Science courses reported	29	2	17.2	-	13	2	18.4	-	15	2	15.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	997	64	18.9	0.3	439	64	19.8	-1.5	558	65	18.3	1.1
Bio, Chem, Phys	252	16	22.1	3.5	132	19	24.1	2.8	120	14	19.9	2.7
Gen Sci ² , Bio, Chem	186	12	17.2	-1.4	64	9	18.3	-3.0	121	14	16.7	-0.5
Other comb of 3 years of Natural Science	27	2	16.2	-2.4	13	2	17.6	-3.7	14	2	14.9	-2.3
Less than 3 years of Natural Science	57	4	18.6	-	20	3	21.3	-	37	4	17.2	-
Zero years / no Natural Science courses reported	30	2	17.4	-	15	2	18.9	-	14	2	15.1	-

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

²Includes General, Physical and Earth Sciences.

Total Students in Report: 1,549

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	421	27	20.2	57	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	1,068	69	18.7	49	1,178,400	71	20.5	67
Less than 4 years of English	33	2	16.9	39	64,748	4	16.5	41
Zero years / no English courses reported	27	2	15.5	30	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	182	12	20.4	37	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	187	12	20.0	40	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	153	10	16.9	12	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	199	13	17.9	22	279,658	17	19.9	36
Other comb of 4 or more years of Math	658	42	22.1	51	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	57	4	15.9	4	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	68	4	18.4	28	82,509	5	19.9	35
Less than 3 years of Math	16	1	17.4	25	69,741	4	16.6	8
Zero years / no Math courses reported	29	2	17.7	17	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	242	16	20.4	45	47,179	3	22.3	59
Other comb of 4 or more years Social Science	588	38	19.6	38	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	150	10	17.0	25	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	349	23	21.4	53	452,172	27	21.2	51
Less than 3 years of Social Science	191	12	20.6	48	149,266	9	19.7	40
Zero years / no Social Science courses reported	29	2	17.2	28	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	997	64	18.9	24	740,499	44	21.9	39
Bio, Chem, Phys	252	16	22.1	46	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	186	12	17.2	12	466,992	28	20.0	22
Other comb of 3 years of Natural Science	27	2	16.2	11	45,992	3	19.5	20
Less than 3 years of Natural Science	57	4	18.6	30	194,661	12	18.4	13
Zero years / no Natural Science courses reported	30	2	17.4	23	46,139	3	17.9	14

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: 1,549

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	9	1	19.2	1	5	8.0	7	1	21.7
Architecture	29	2	19.1	0	0	.	23	2	19.0
Area, Ethnic, & Multidisciplinary Studies	8	1	23.6	0	0	.	6	1	24.3
Arts: Visual & Performing	107	7	18.4	5	26	13.6	85	8	19.0
Business	206	13	18.7	4	21	20.0	153	14	19.1
Communications	61	4	17.1	0	0	.	41	4	17.0
Community, Family, & Personal Services	20	1	15.8	0	0	.	16	1	16.0
Computer Science & Mathematics	37	2	20.0	1	5	13.0	29	3	21.2
Education	35	2	19.4	0	0	.	26	2	20.1
Engineering	114	7	21.0	0	0	.	88	8	22.2
Engineering Technology & Drafting	16	1	17.0	0	0	.	12	1	17.9
English & Foreign Languages	38	2	22.8	0	0	.	32	3	23.7
Health Administration & Assisting	29	2	14.1	0	0	.	15	1	15.3
Health Sciences & Technologies	151	10	17.2	2	11	13.5	115	10	17.6
Philosophy, Religion, & Theology	12	1	21.8	0	0	.	10	1	21.8
Repair, Production, & Construction	1	0	13.0	0	0	.	1	0	13.0
Sciences: Biological & Physical	115	7	22.1	0	0	.	96	9	22.5
Social Sciences & Law	188	12	19.4	1	5	14.0	142	13	19.8
Undecided	332	21	22.0	5	26	15.4	214	19	22.5
No Response	41	3	16.2	0	0	.	6	1	16.8

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: 1,549

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	5	18.6	2	12.5	0	.	2	26.0	1	16.0
2-yr College Degree	14	13.9	13	13.8	1	14.0	0	.	0	.
Bachelors Degree	443	17.3	305	15.4	2	13.0	73	24.7	31	16.6
Graduate Study	321	22.9	125	18.3	1	14.0	131	26.5	23	25.3
Prof. Level Degree	353	21.6	195	18.0	1	18.0	79	28.4	24	22.3
Other	31	16.9	19	13.5	0	.	6	25.5	2	13.5
No Response	382	18.3	216	15.0	2	13.5	77	27.2	26	16.7

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	5	18.6	0	.	0	.	0	.	0	.
2-yr College Degree	14	13.9	0	.	0	.	0	.	0	.
Bachelors Degree	443	17.3	8	20.5	1	18.0	14	17.8	9	20.0
Graduate Study	321	22.9	3	20.3	0	.	16	24.5	22	25.0
Prof. Level Degree	353	21.6	9	28.0	0	.	20	23.3	25	23.8
Other	31	16.9	1	13.0	0	.	3	25.0	0	.
No Response	382	18.3	4	30.0	1	24.0	12	18.2	44	19.4

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

Total Students in Report: 1,549

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 MARYLAND COLLEGE PARK	Maryland	40	11	29	8	8	20	25	28	10	3	
HOWARD UNIVERSITY	District of Columbia	31	12	19	16	29	32	19	3	0	0	
VIRGINIA STATE UNIVERSITY	Virginia	28	10	18	7	61	32	0	0	0	0	
VIRGINIA COMMONWEALTH UNIVERSITY	Virginia	27	9	18	15	30	33	15	4	0	4	
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	26	10	16	12	50	31	4	4	0	0	
TEMPLE UNIVERSITY	Pennsylvania	26	5	21	0	15	50	23	12	0	0	
GEORGE MASON UNIVERSITY	Virginia	24	5	19	17	25	33	8	13	4	0	
MORGAN STATE UNIVERSITY	Maryland	24	6	18	8	50	38	4	0	0	0	
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	24	4	20	0	13	29	29	29	0	0	
NCAA ELIGIBILITY CENTER	Indiana	22	16	6	23	23	14	18	9	14	0	
BOWIE STATE UNIVERSITY	Maryland	21	8	13	10	43	38	5	5	0	0	
NORTH CAROLINA CENTRAL UNIVERSITY	North Carolina	21	11	10	5	52	43	0	0	0	0	
DELAWARE STATE UNIVERSITY	Delaware	20	9	11	15	55	30	0	0	0	0	
UNIVERSITY OF VIRGINIA	Virginia	18	7	11	0	0	6	22	33	39	0	
CLARK ATLANTA UNIVERSITY	Georgia	17	7	10	12	53	24	12	0	0	0	
GEORGETOWN UNIVERSITY	District of Columbia	17	5	12	0	29	18	12	18	24	0	
HAMPTON UNIVERSITY	Virginia	17	6	11	6	35	35	18	6	0	0	
UNIVERSITY OF MARYLAND EASTERN SHORE	Maryland	17	2	15	29	47	24	0	0	0	0	
SPELMAN COLLEGE	Georgia	16	8	8	13	31	31	19	6	0	0	
UNIVERSITY OF THE DISTRICT OF COLUMBIA	District of Columbia	16	6	10	19	56	25	0	0	0	0	
FORDHAM UNIVERSITY	New York	15	2	13	0	13	0	27	27	33	0	
FROSTBURG STATE UNIVERSITY	Maryland	15	4	11	13	40	20	13	13	0	0	
NEW YORK UNIVERSITY	New York	15	6	9	0	13	20	40	27	0	0	
UNIVERSITY OF DELAWARE	Delaware	15	4	11	0	7	20	40	20	13	0	
UNIVERSITY OF MIAMI	Florida	15	3	12	0	27	27	33	7	7	0	
BROWN UNIVERSITY	Rhode Island	14	5	9	0	0	0	36	21	21	21	
TOWSON UNIVERSITY	Maryland	14	5	9	14	21	36	29	0	0	0	
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	14	8	6	0	0	14	36	29	14	7	
VIRGINIA TECH	Virginia	14	3	11	14	7	21	14	29	14	0	
AMERICAN UNIVERSITY	District of Columbia	13	8	5	8	31	31	31	0	0	0	
All Other Institutions		897	214	683	4	21	27	16	19	12	2	
Total		1,493	419	1,074	6	24	27	16	16	9	2	

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: 1,549

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	1,273	931,148	19.9	21.5	6.7	7.1	19.2	20.7
Black/African American	684	113,247	15.3	16.6	6.0	6.2	15.2	16.4
American Indian/Alaska Native	7	5,233	12.4	17.8	6.0	6.5	13.0	17.5
White	338	518,974	28.0	23.2	7.9	7.2	26.3	22.1
Hispanic/Latino	92	150,249	19.2	18.5	6.7	6.8	18.7	18.3
Asian	18	53,381	25.7	23.7	7.7	7.6	24.3	22.8
Native Hawaiian/Other Pac. Isl.	1	2,851	25.0	19.9	8.0	7.1	24.0	19.6
Two or more races	57	32,346	21.9	21.9	7.0	7.1	21.0	21.1
Prefer not/No Response	76	54,867	23.3	21.8	7.4	7.1	22.4	21.0
Males	560	413,617	21.0	21.2	6.7	6.8	20.1	20.3
Females	711	515,745	18.9	21.7	6.7	7.2	18.5	21.1
Missing	2	1,786	19.5	16.8	7.0	6.3	19.5	16.6

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

