

ACT Profile Report - State

Graduating Class 2011
District of Columbia



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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.

Total Students in Report: 1,480

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

25% 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: 1,480 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, 16% were college ready. 4% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 3% of these students were college ready. In comparison, 40% 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 3% of the cohort took less than three years of natural science courses. 21% of these students were college ready. In comparison, 27% 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.

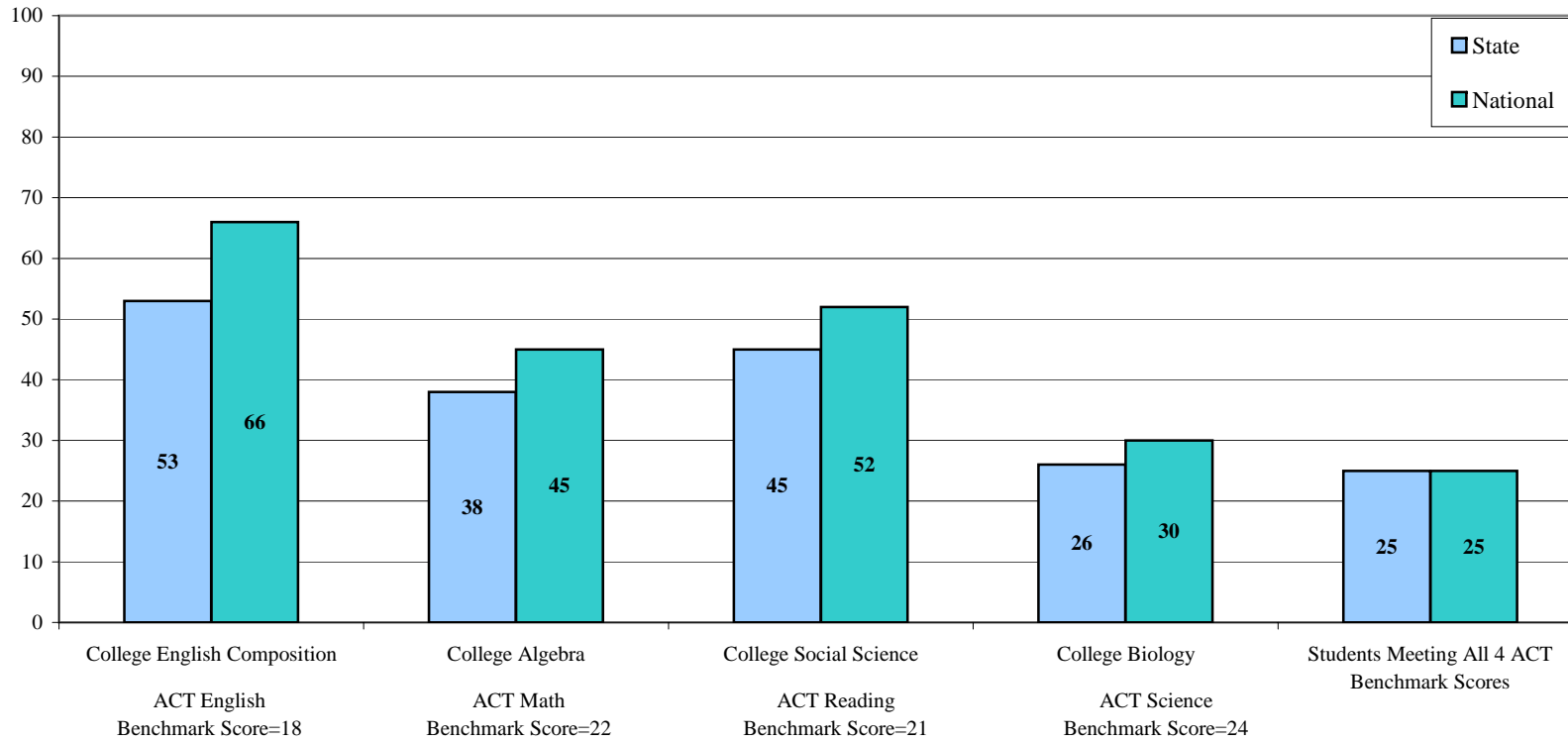
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 404-231-1952.

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.

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: 1,480

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	1,193	1,300,599	48	69	28	43	38	53	18	28	16	23
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

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	1,193	1,300,599	18.1	20.7	18.8	21.0	19.2	21.5	18.3	21.0	18.7	21.2
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

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: 1,480

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	433	357	36	30	18.5	18.1	18.9	18.6	19.4	19.5	18.6	18.2	19.0	18.8
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

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.

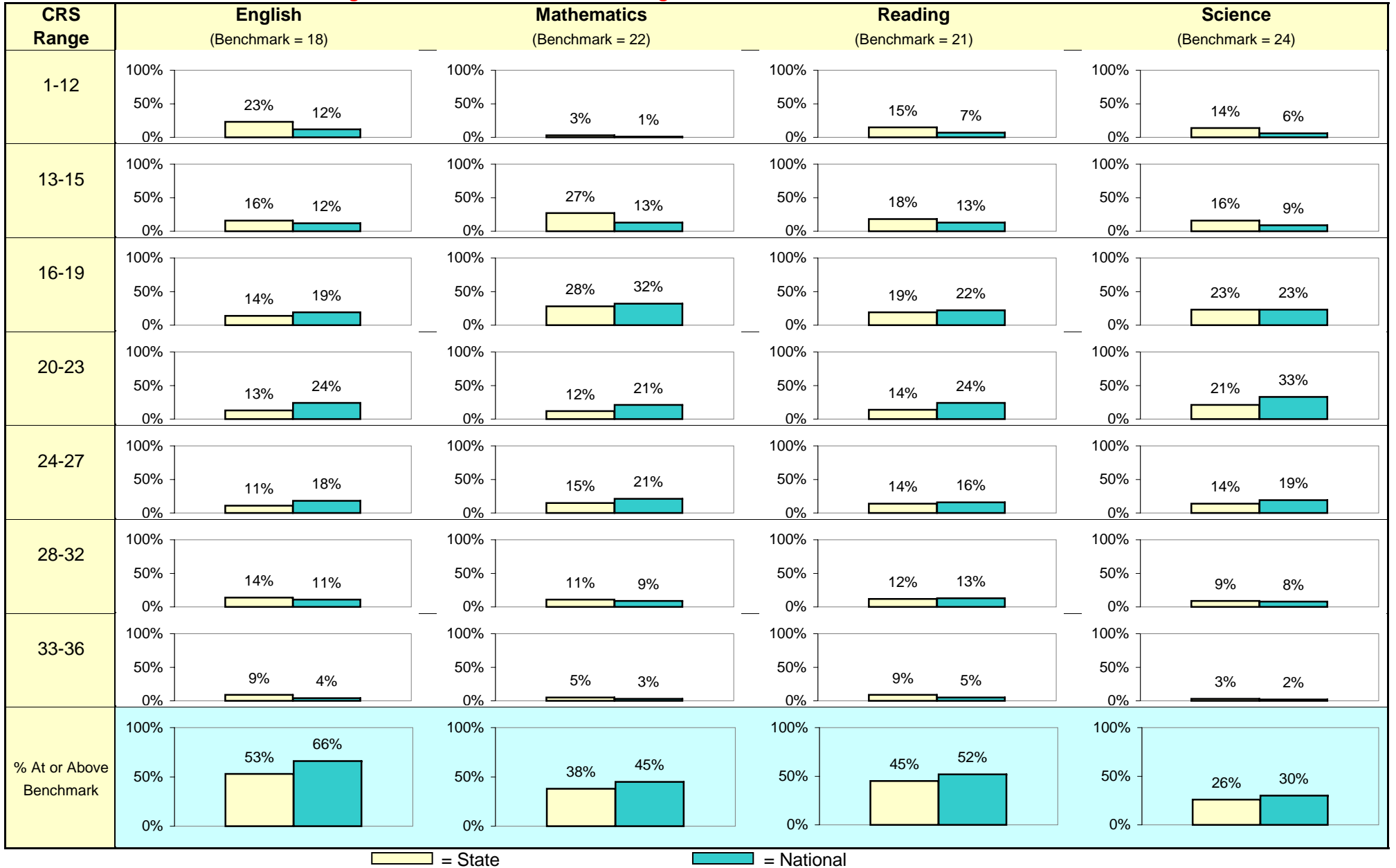
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,193	100	18.7	1,503	100	19.1	1,548	100	19.4	1,523	100	19.8	1,480	100	20.0
Black/African American	672	56	15.9	849	56	15.9	895	58	15.7	869	57	16.0	820	55	16.1
American Indian/Alaska Native	4	0	19.3	3	0	19.0	5	0	16.6	6	0	15.7	12	1	15.1
White	201	17	25.1	318	21	26.1	381	25	26.2	375	25	27.2	380	26	27.1
Hispanic/Latino	60	5	19.3	64	4	18.5	73	5	19.5	77	5	20.6	109	7	20.6
Asian	26	2	20.5	22	1	22.8	25	2	24.3	36	2	25.0	27	2	24.9
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	1	0	29.0
Two or more races	19	2	20.4	48	3	21.9	50	3	20.4	45	3	21.2	40	3	21.9
Prefer not to respond/No response	211	18	21.2	199	13	21.2	119	8	23.6	115	8	22.0	91	6	23.3

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

Total Students in Report: 1,480

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: 1,480

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	11	100	6	100	20	100	6	100	0	100	36
35	44	99	11	100	20	99	11	100	8	100	35
34	33	96	37	99	40	97	1	99	14	99	34
33	41	94	16	96	53	95	22	99	26	99	33
32	42	91	23	95	43	91	24	97	42	97	32
31	51	88	25	94	36	88	14	96	37	94	31
30	33	85	33	92	39	86	30	95	49	91	30
29	36	83	39	90	23	83	31	93	55	88	29
28	45	80	48	87	39	81	37	91	48	84	28
27	43	77	55	84	42	79	30	88	45	81	27
26	35	74	55	80	41	76	61	86	52	78	26
25	32	72	48	76	49	73	61	82	48	75	25
24	51	70	63	73	68	70	61	78	48	71	24
23	34	66	58	69	35	65	75	74	59	68	23
22	43	64	42	65	57	63	57	69	48	64	22
21	69	61	33	62	55	59	87	65	36	61	21
20	50	57	38	60	59	55	86	59	48	58	20
19	40	53	49	57	53	51	66	53	72	55	19
18	44	50	83	54	72	48	91	49	58	50	18
17	58	48	84	49	82	43	98	43	95	46	17
16	64	44	197	43	69	37	86	36	99	40	16
15	81	39	218	30	58	33	100	30	126	33	15
14	98	34	115	15	130	29	72	23	109	25	14
13	61	27	62	7	73	20	70	18	101	17	13
12	61	23	24	3	93	15	59	14	77	11	12
11	70	19	8	1	56	9	39	10	42	5	11
10	57	14	3	1	41	5	49	7	21	3	10
9	64	10	4	1	10	2	27	4	12	1	9
8	42	6	1	1	13	2	10	2	1	1	8
7	24	3	0	1	2	1	3	1	0	1	7
6	14	2	1	1	1	1	7	1	2	1	6
5	5	1	0	1	1	1	3	1	2	1	5
4	3	1	1	1	2	1	2	1	0	1	4
3	0	1	0	1	3	1	3	1	0	1	3
2	0	1	0	1	2	1	0	1	0	1	2
1	1	1	0	1	0	1	1	1	0	1	1
Avg (SD)	19.7 (8.3)		20.2 (6.3)		20.4 (7.5)		19.4 (6.3)		20.0 (6.7)		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: 1,480

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	100	100	60	100	65	100	70	100	77	100	23	100	43	100	18
17	108	93	7	96	81	96	119	95	76	95	22	98	3	97	17
16	67	86	142	95	100	90	111	87	68	90	54	97	58	97	16
15	87	81	111	86	53	83	81	80	82	85	59	93	99	93	15
14	52	76	73	78	75	80	57	74	85	80	118	89	100	86	14
13	57	72	76	73	65	75	80	70	105	74	122	81	95	80	13
12	46	68	76	68	111	70	73	65	41	67	80	73	102	73	12
11	89	65	88	63	85	63	91	60	121	64	133	68	88	66	11
10	114	59	81	57	83	57	88	54	67	56	135	59	163	60	10
9	83	51	134	52	145	51	114	48	82	51	246	50	122	49	9
8	92	46	120	43	146	42	114	40	146	46	145	33	167	41	8
7	128	40	129	35	162	32	94	33	259	36	125	23	129	30	7
6	127	31	95	26	115	21	142	26	162	18	51	15	116	21	6
5	112	22	88	19	85	13	149	17	52	7	86	11	39	13	5
4	92	15	101	14	43	7	42	7	34	4	13	5	88	11	4
3	86	9	69	7	34	4	39	4	17	2	46	5	10	5	3
2	38	3	22	2	19	2	13	1	4	1	5	1	36	4	2
1	2	1	8	1	13	1	3	1	2	1	17	1	22	1	1
Avg (SD)	9.8 (4.8)		9.9 (4.4)		10.1 (4.3)		10.4 (4.5)		10.3 (4.1)		10.0 (3.6)		9.7 (3.9)		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)	27	25	26	24	26
Q2 (50th Percentile)	18	18	19	19	18
Q1 (25th Percentile)	13	15	14	15	15

Total Students in Report: 1,480

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	1,480	81	19.9	21.3
	Black/African American	820	84	16.1	16.4
	American Indian/Alaska Native	12	83	15.3	14.0
	White	380	80	27.1	27.2
	Hispanic/Latino	109	82	20.2	22.9
	Asian	27	85	25.0	24.3
	Native Hawaiian/Other Pac. Isl.	1	100	29.0	.
	Two or more races	40	73	21.8	23.0
	Prefer not/No Response	91	60	25.1	26.8
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	19.7	20.2	20.4	19.4	20.0
	Black/African American	15.0	16.7	16.4	16.0	16.1
	American Indian/Alaska Native	12.5	16.8	15.1	15.0	15.1
	White	28.1	26.6	27.7	25.6	27.1
	Hispanic/Latino	20.5	20.3	21.3	19.7	20.6
	Asian	25.0	26.0	23.9	24.4	24.9
	Native Hawaiian/Other Pac. Isl.	25.0	30.0	34.0	26.0	29.0
	Two or more races	22.8	21.1	22.9	20.3	21.9
	Prefer not/No Response	23.5	23.0	24.1	22.2	23.3
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: 1,480

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	129	9	70	5	133	9	40	3
	28 to 32	207	14	168	11	180	12	136	9
	24 to 27	161	11	221	15	200	14	213	14
	20 to 23	196	13	171	12	206	14	305	21
	16 to 19	206	14	413	28	276	19	341	23
	13 to 15	240	16	395	27	261	18	242	16
	01 to 12	341	23	42	3	224	15	203	14
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	657	44	20.5	21.6	21.2	20.6	21.1
	Females	822	56	19.0	19.1	19.9	18.5	19.2
	Missing	1	0	6.0	11.0	7.0	10.0	9.0
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	59	47	51	35	33
	Females	47	31	39	19	19
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 1,480

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	1,200	52	19.5	37	20.1	44	20.4	26	19.3	25	19.9
	Less than Core	237	60	21.3	45	21.2	53	21.6	32	20.4	30	21.3
	Missing ³	43	28	14.3	16	16.7	23	15.7	9	15.6	7	15.7
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	1,406	54	19.9	1,419	39	20.3	1,265	44	20.3	1,396	27	19.6
	Less than Core	34	38	17.0	19	16	16.1	173	58	22.3	43	21	18.0
	Missing ³	40	28	14.2	42	17	16.8	42	21	15.4	41	7	15.6
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.

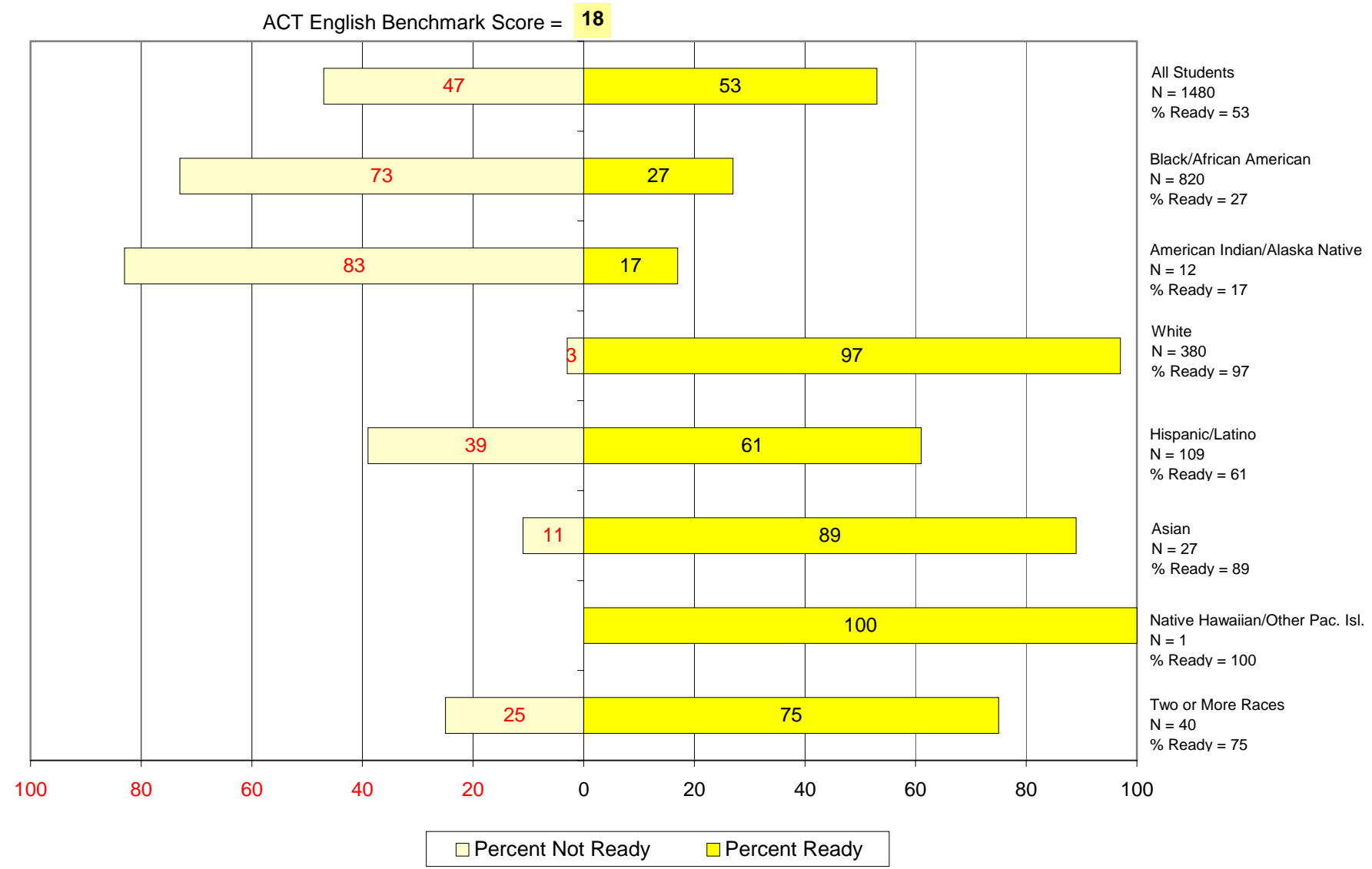
Section III

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: 1,480

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

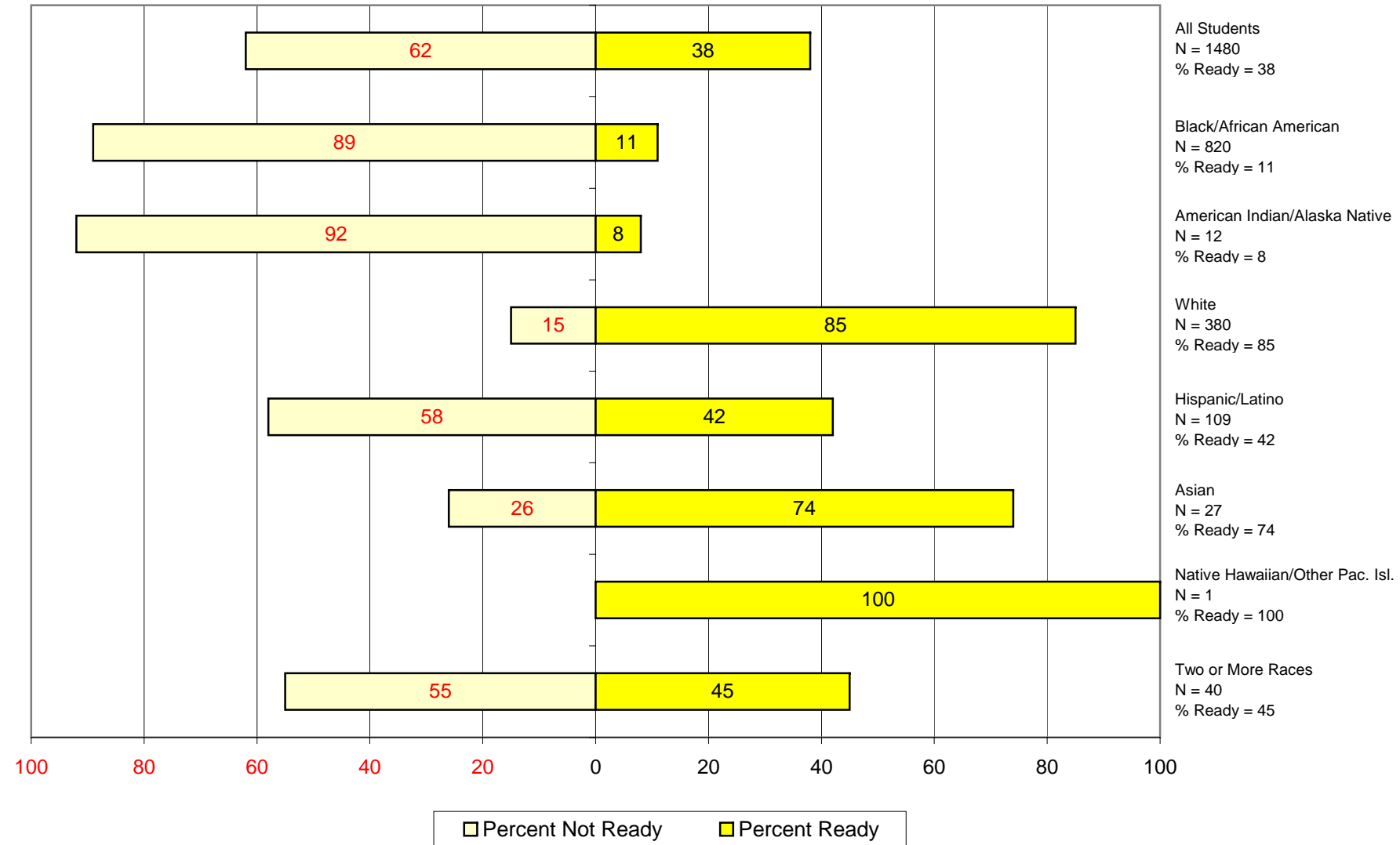


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 1,480

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

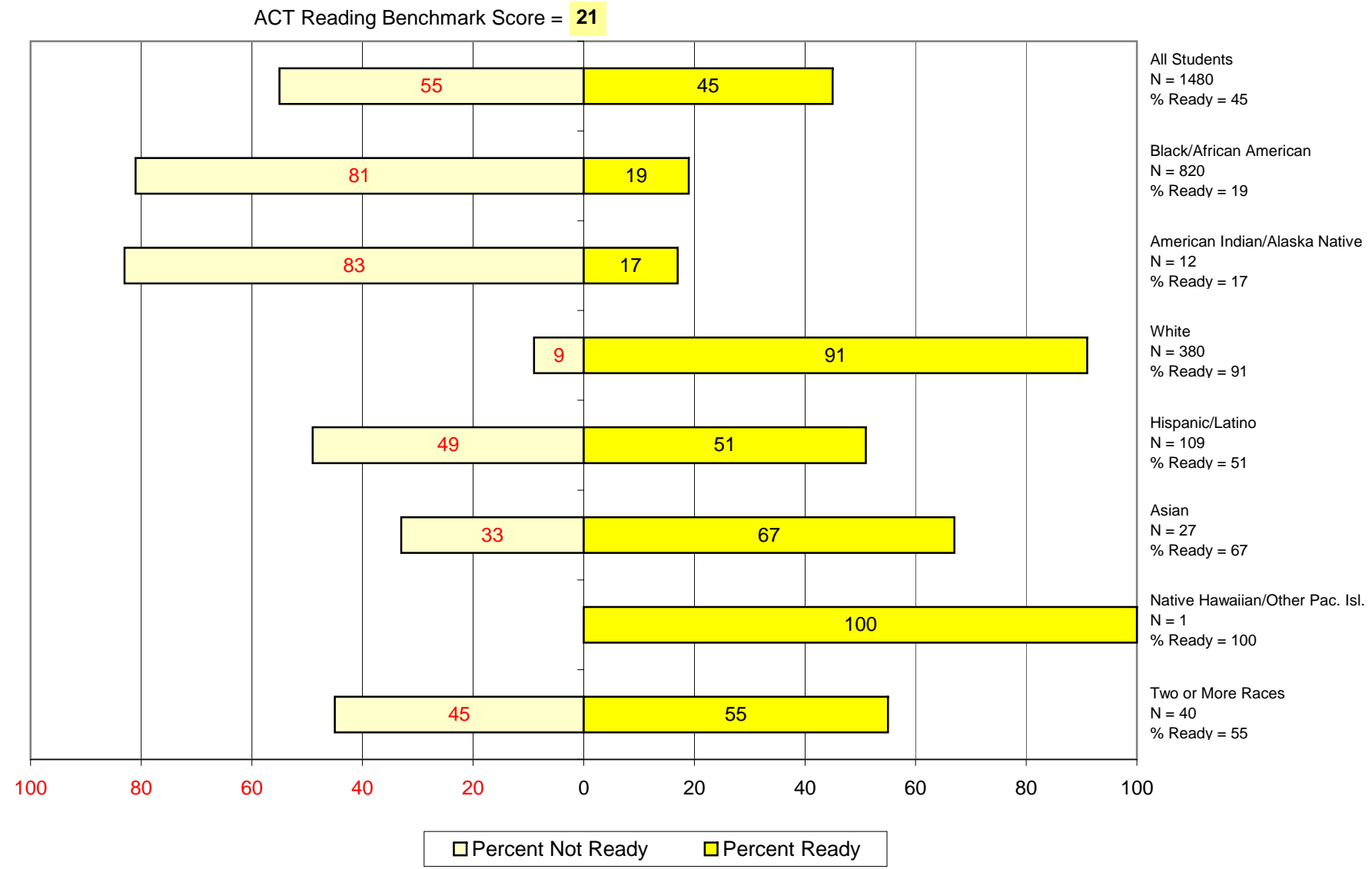
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 1,480

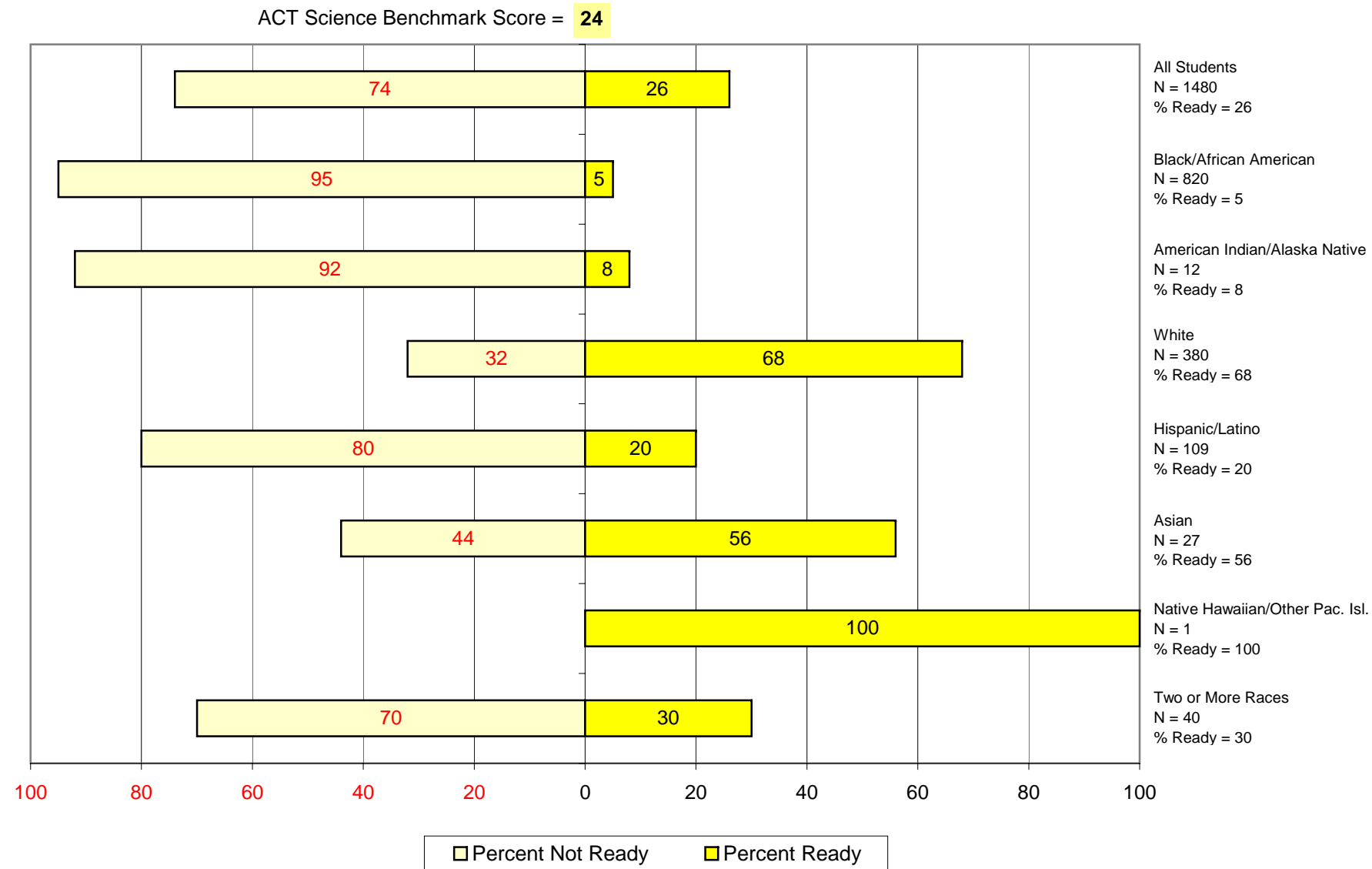
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING



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

Total Students in Report: 1,480

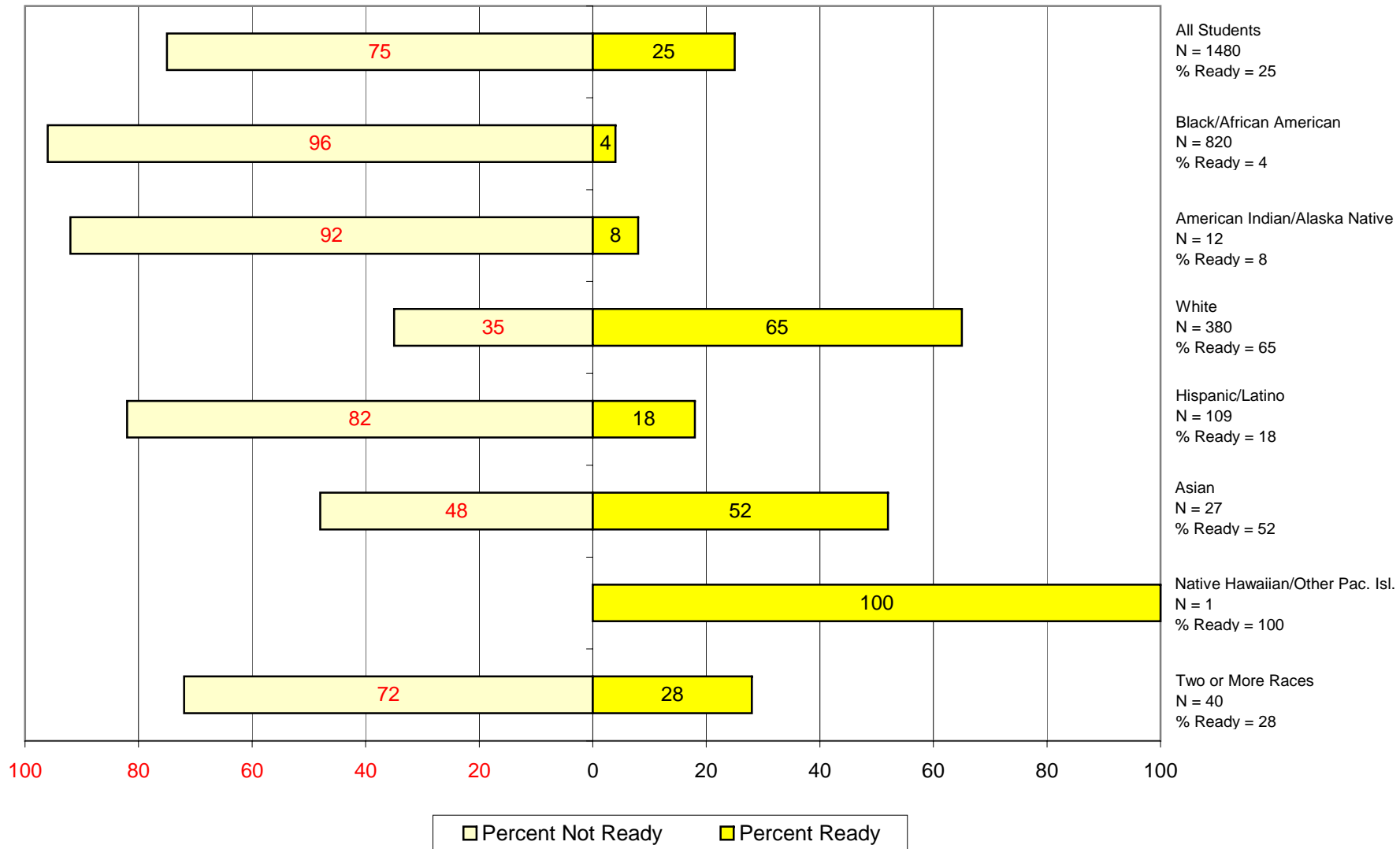
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE



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

Total Students in Report: 1,480

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: 1,480

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	404	27	20.9	3.9	186	28	22.4	4.8	218	27	19.6	3.0
Eng 9, Eng 10, Eng 11, Eng 12	1,002	68	19.5	2.5	432	66	20.2	2.6	570	69	19.0	2.4
Less than 4 years of English	34	2	17.0	-	16	2	17.6	-	18	2	16.6	-
Zero years / no English courses reported	40	3	14.2	-	23	4	14.7	-	16	2	14.1	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	183	12	21.7	5.6	82	12	22.4	8.4	101	12	21.0	4.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	208	14	20.5	4.4	90	14	22.1	8.1	118	14	19.2	2.2
Alg 1, Alg 2, Geom, & Trig	157	11	17.5	1.4	65	10	18.7	4.7	92	11	16.7	-0.3
Alg 1, Alg 2, Geom, & Other Adv Math	172	12	17.7	1.6	50	8	18.1	4.1	122	15	17.5	0.5
Other comb of 4 or more years of Math	564	38	22.4	6.3	277	42	23.8	9.8	287	35	21.0	4.0
Alg 1, Alg 2, & Geom	63	4	15.7	-0.4	30	5	16.1	2.1	33	4	15.2	-1.8
Other comb of 3 or 3.5 years of Math	72	5	17.1	1.0	33	5	18.5	4.5	39	5	15.9	-1.1
Less than 3 years of Math	19	1	16.1	-	6	1	14.0	-	13	2	17.0	-
Zero years / no Math courses reported	42	3	16.8	-	24	4	18.2	-	17	2	15.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	246	17	21.2	-1.1	129	20	21.8	-0.4	117	14	20.5	-1.9
Other comb of 4 or more years Social Science	519	35	20.3	-2.0	219	33	20.8	-1.4	300	36	19.8	-2.6
US Hist, World Hist, & Am Gov	134	9	16.6	-5.7	53	8	16.8	-5.4	81	10	16.5	-5.9
Other comb of 3 or 3.5 years of Social Science	366	25	21.2	-1.1	156	24	23.0	0.8	210	26	19.9	-2.5
Less than 3 years of Social Science	173	12	22.3	-	76	12	22.2	-	97	12	22.4	-
Zero years / no Social Science courses reported	42	3	15.4	-	24	4	15.0	-	17	2	16.5	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	894	60	19.2	1.2	371	56	20.4	3.6	523	64	18.4	-0.2
Bio, Chem, Phys	277	19	22.0	4.0	144	22	23.4	6.6	133	16	20.4	1.8
Gen Sci ² , Bio, Chem	194	13	17.7	-0.3	89	14	18.7	1.9	105	13	16.9	-1.7
Other comb of 3 years of Natural Science	31	2	18.8	0.8	16	2	19.8	3.0	15	2	17.9	-0.7
Less than 3 years of Natural Science	43	3	18.0	-	14	2	16.8	-	29	4	18.6	-
Zero years / no Natural Science courses reported	41	3	15.6	-	23	4	15.9	-	17	2	15.4	-

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: 1,480

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	404	27	20.9	60	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	1,002	68	19.5	51	1,143,409	70	20.6	66
Less than 4 years of English	34	2	17.0	38	66,225	4	16.6	40
Zero years / no English courses reported	40	3	14.2	28	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	183	12	21.7	46	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	208	14	20.5	44	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	157	11	17.5	18	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	172	12	17.7	22	271,304	17	19.9	36
Other comb of 4 or more years of Math	564	38	22.4	52	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	63	4	15.7	3	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	72	5	17.1	15	78,953	5	19.9	35
Less than 3 years of Math	19	1	16.1	16	79,145	5	16.4	8
Zero years / no Math courses reported	42	3	16.8	17	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	246	17	21.2	50	47,284	3	22.5	59
Other comb of 4 or more years Social Science	519	35	20.3	42	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	134	9	16.6	22	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	366	25	21.2	50	445,631	27	21.1	51
Less than 3 years of Social Science	173	12	22.3	58	149,746	9	19.7	40
Zero years / no Social Science courses reported	42	3	15.4	21	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	894	60	19.2	24	686,167	42	22.1	39
Bio, Chem, Phys	277	19	22.0	43	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	194	13	17.7	17	476,294	29	20.1	21
Other comb of 3 years of Natural Science	31	2	18.8	23	45,296	3	19.6	20
Less than 3 years of Natural Science	43	3	18.0	21	205,148	13	18.3	12
Zero years / no Natural Science courses reported	41	3	15.6	7	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: 1,480

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	13	1	19.5	0	0	.	10	1	18.0
Architecture	19	1	18.5	0	0	.	14	1	17.4
Area, Ethnic, & Multidisciplinary Studies	13	1	26.0	0	0	.	13	1	26.0
Arts: Visual & Performing	112	8	18.1	4	15	13.8	83	8	18.5
Business	174	12	18.4	7	27	12.3	132	12	19.2
Communications	56	4	19.1	0	0	.	47	4	19.4
Community, Family, & Personal Services	20	1	17.1	0	0	.	14	1	16.5
Computer Science & Mathematics	47	3	19.5	1	4	14.0	34	3	18.9
Education	50	3	18.4	1	4	15.0	33	3	19.0
Engineering	96	6	21.1	3	12	13.3	74	7	22.3
Engineering Technology & Drafting	39	3	18.9	1	4	14.0	32	3	19.4
English & Foreign Languages	25	2	24.3	0	0	.	20	2	25.0
Health Administration & Assisting	32	2	15.1	0	0	.	24	2	15.0
Health Sciences & Technologies	142	10	19.2	2	8	10.5	113	10	19.8
Philosophy, Religion, & Theology	15	1	21.2	1	4	13.0	11	1	23.0
Repair, Production, & Construction	1	0	20.0	0	0	.	1	0	20.0
Sciences: Biological & Physical	123	8	21.0	0	0	.	102	9	21.6
Social Sciences & Law	173	12	20.6	1	4	12.0	138	13	21.3
Undecided	273	18	23.0	5	19	14.8	187	17	23.9
No Response	57	4	15.5	0	0	.	10	1	18.2

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: 1,480

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	6	13.5	4	13.5	0	.	0	.	2	13.5
2-yr College Degree	20	13.2	20	13.2	0	.	0	.	0	.
Bachelors Degree	387	17.3	271	15.2	6	16.5	72	23.8	21	19.0
Graduate Study	302	22.7	121	17.9	1	16.0	119	27.3	25	22.4
Prof. Level Degree	403	22.6	188	18.4	3	14.0	116	28.7	42	22.0
Other	18	18.1	12	14.0	0	.	4	26.0	1	24.0
No Response	344	18.3	204	14.7	2	12.0	69	27.5	18	17.2

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	6	13.5	0	.	0	.	0	.	0	.
2-yr College Degree	20	13.2	0	.	0	.	0	.	0	.
Bachelors Degree	387	17.3	5	22.0	0	.	7	22.0	5	21.6
Graduate Study	302	22.7	5	27.2	0	.	10	19.7	21	25.3
Prof. Level Degree	403	22.6	9	25.8	1	29.0	16	23.8	28	25.7
Other	18	18.1	0	.	0	.	1	29.0	0	.
No Response	344	18.3	8	24.3	0	.	6	19.3	37	20.6

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

Total Students in Report: 1,480

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	56	22	34	5	21	16	18	23	14	2	
DELAWARE STATE UNIVERSITY	Delaware	40	10	30	18	48	30	5	0	0	0	
HOWARD UNIVERSITY	District of Columbia	38	21	17	5	42	37	11	5	0	0	
TEMPLE UNIVERSITY	Pennsylvania	29	11	18	3	24	48	17	7	0	0	
MORGAN STATE UNIVERSITY	Maryland	28	7	21	14	57	25	4	0	0	0	
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	24	5	19	0	17	38	25	17	4	0	
UNIVERSITY OF VIRGINIA	Virginia	24	10	14	4	4	8	25	21	33	4	
NCAA ELIGIBILITY CENTER	Indiana	21	13	8	5	24	38	24	5	5	0	
VIRGINIA STATE UNIVERSITY	Virginia	21	4	17	10	48	38	5	0	0	0	
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	20	9	11	0	40	40	15	5	0	0	
FLORIDA A&M UNIVERSITY	Florida	18	6	12	6	39	33	17	6	0	0	
GEORGE MASON UNIVERSITY	Virginia	18	4	14	6	22	44	6	22	0	0	
HAMPTON UNIVERSITY	Virginia	18	4	14	11	33	39	17	0	0	0	
CLARK ATLANTA UNIVERSITY	Georgia	17	7	10	18	59	24	0	0	0	0	
NORTH CAROLINA CENTRAL UNIVERSITY	North Carolina	17	5	12	18	24	41	18	0	0	0	
VIRGINIA TECH	Virginia	17	4	13	6	6	12	18	29	29	0	
BOWIE STATE UNIVERSITY	Maryland	16	3	13	19	63	19	0	0	0	0	
GEORGETOWN UNIVERSITY	District of Columbia	16	5	11	0	6	13	19	13	50	0	
SPELMAN COLLEGE	Georgia	16	8	8	6	38	31	25	0	0	0	
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	16	5	11	0	0	19	6	25	38	13	
UNIVERSITY OF MARYLAND EASTERN SHORE	Maryland	15	2	13	20	53	27	0	0	0	0	
GEORGE WASHINGTON UNIVERSITY THE	District of Columbia	14	1	13	7	21	36	7	29	0	0	
JAMES MADISON UNIVERSITY	Virginia	14	2	12	0	21	14	14	43	7	0	
NEW YORK UNIVERSITY	New York	14	4	10	0	14	29	14	21	21	0	
UNIVERSITY OF MARYLAND BALTIMORE COUNTY	Maryland	14	3	11	0	0	29	36	29	7	0	
UNIVERSITY OF MIAMI	Florida	14	4	10	7	29	36	7	21	0	0	
UNIVERSITY OF MICHIGAN-ANN ARBOR	Michigan	14	2	12	0	0	14	21	14	50	0	
UNIVERSITY OF THE DISTRICT OF COLUMBIA	District of Columbia	14	2	12	21	50	21	7	0	0	0	
DUKE UNIVERSITY	North Carolina	13	6	7	0	8	8	23	23	38	0	
UNIVERSITY OF DELAWARE	Delaware	13	3	10	0	15	23	23	23	15	0	
All Other Institutions		999	253	746	6	21	24	16	17	16	1	
Total		1,608	445	1,163	6	24	25	15	15	13	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: 1,480

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	1,215	905,035	20.5	21.5	6.8	7.1	19.8	20.8
Black/African American	637	112,251	15.3	16.7	6.0	6.3	15.2	16.5
American Indian/Alaska Native	8	5,519	13.0	18.4	6.0	6.5	13.4	18.0
White	349	522,234	28.4	23.2	7.9	7.3	26.6	22.2
Hispanic/Latino	90	128,599	20.3	18.4	7.0	6.8	19.8	18.2
Asian	24	51,829	25.9	23.8	8.1	7.6	24.8	22.9
Native Hawaiian/Other Pac. Isl.	1	1,332	25.0	19.7	9.0	7.2	25.0	19.5
Two or more races	37	27,722	23.0	21.6	6.8	7.0	21.6	20.8
Prefer not/No Response	69	55,549	26.3	21.3	7.6	7.0	24.8	20.5
Males	536	399,206	21.5	21.3	6.8	6.8	20.5	20.3
Females	679	503,699	19.7	21.8	6.8	7.3	19.2	21.1
Missing	0	2,130	.	17.6	.	6.2	.	17.1

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

