

ACT Profile Report - State

Graduating Class 2012
Rhode Island



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.

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

36% 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: 1,505 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. 61% 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, 10% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 12% of these students were college ready. In comparison, 65% 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. 20% of these students were college ready. In comparison, 43% 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 32% 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 508-229-0111.

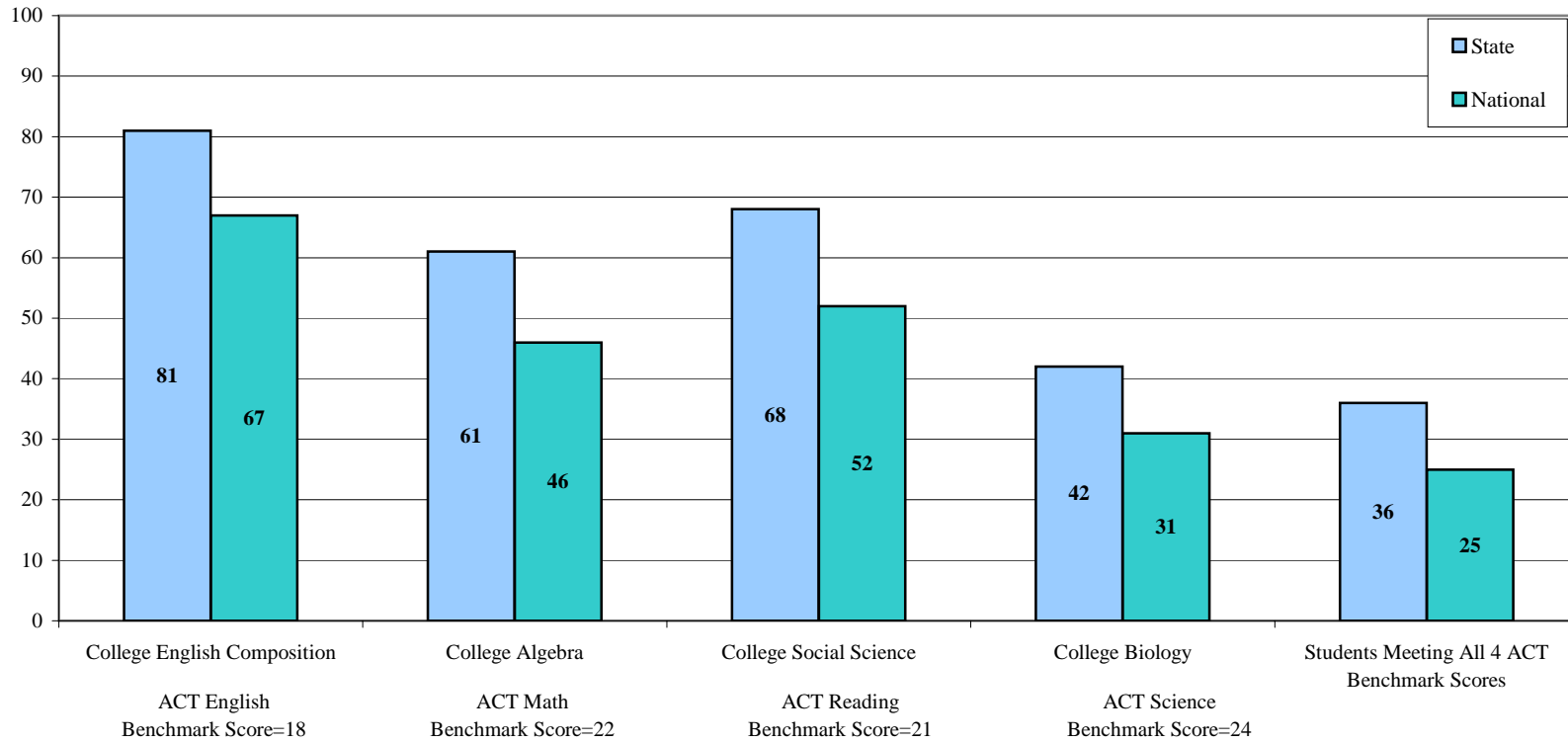
Section I

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: 1,505

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: 1,505

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	1,251	1,421,941	75	68	51	43	59	53	31	28	26	22
2009	1,309	1,480,469	81	67	57	42	68	53	35	28	30	23
2010	1,405	1,568,835	80	66	56	43	65	52	38	29	33	24
2011	1,487	1,623,112	81	66	59	45	68	52	38	30	34	25
2012	1,505	1,666,017	81	67	61	46	68	52	42	31	36	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	1,251	1,421,941	21.7	20.6	21.9	21.0	22.3	21.4	21.0	20.8	21.9	21.1
2009	1,309	1,480,469	23.0	20.6	22.5	21.0	23.4	21.4	21.8	20.9	22.8	21.1
2010	1,405	1,568,835	22.8	20.5	22.4	21.0	23.3	21.3	22.0	20.9	22.8	21.0
2011	1,487	1,623,112	23.1	20.6	22.8	21.1	23.5	21.3	22.1	20.9	23.0	21.1
2012	1,505	1,666,017	22.9	20.5	22.7	21.1	23.5	21.3	22.3	20.9	22.9	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: 1,505

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	555	506	44	40	22.4	22.6	22.1	22.8	23.0	22.9	21.3	21.8	22.3	22.7
2009	772	491	59	38	23.1	23.5	22.6	23.0	23.7	23.8	22.0	22.0	23.0	23.2
2010	868	516	62	37	22.8	23.0	22.7	22.3	23.5	23.2	22.1	22.0	22.9	22.8
2011	936	527	63	35	23.2	23.1	22.8	22.9	23.6	23.5	22.1	22.2	23.0	23.0
2012	920	561	61	37	23.0	22.8	22.7	22.6	23.4	23.6	22.3	22.3	23.0	22.9

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

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

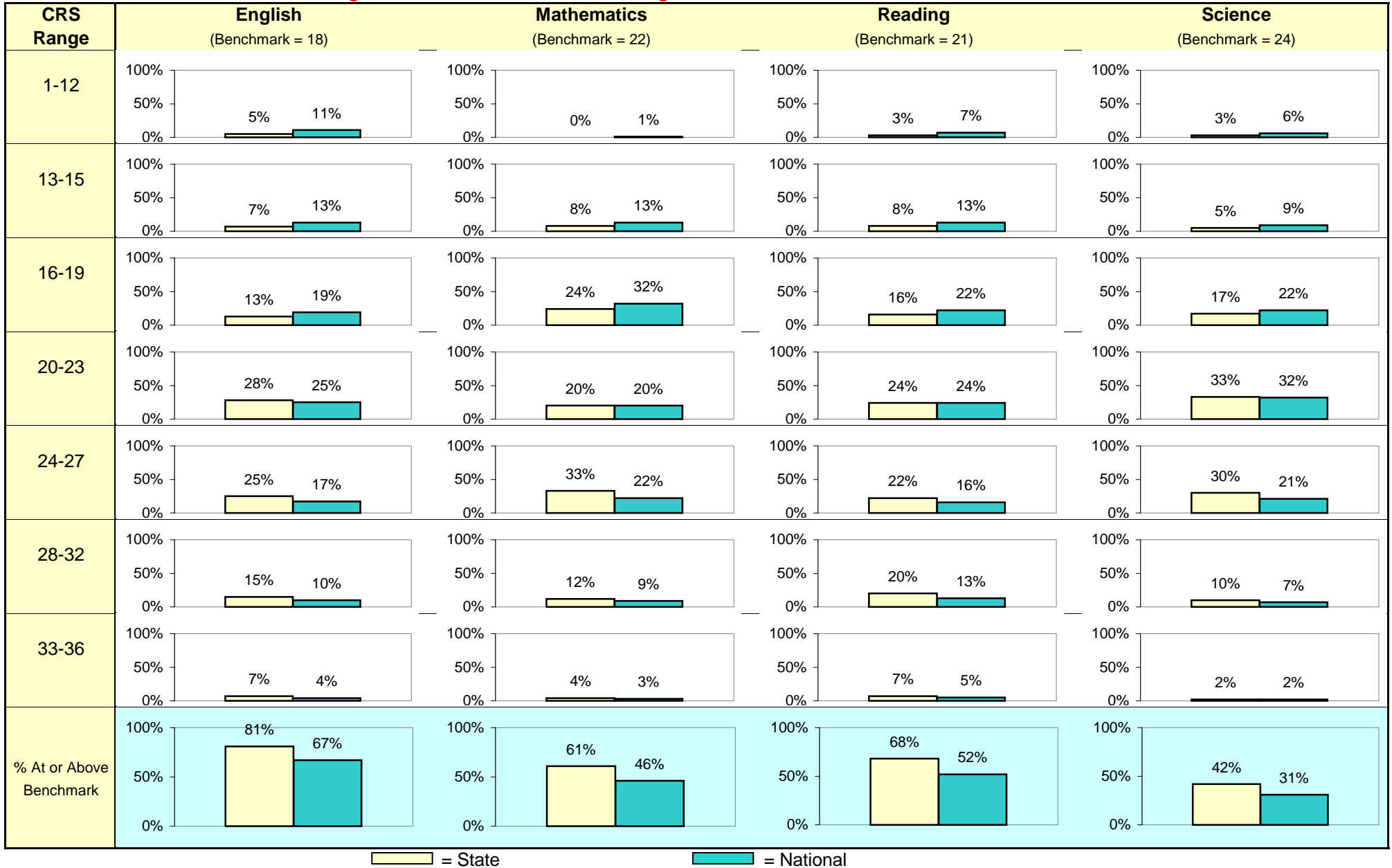
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,251	100	21.9	1,309	100	22.8	1,405	100	22.8	1,487	100	23.0	1,505	100	22.9
Black/African American	71	6	17.1	52	4	18.5	69	5	17.9	66	4	17.3	80	5	17.7
American Indian/Alaska Native	8	1	19.4	4	0	18.3	5	0	18.2	8	1	18.8	3	0	14.0
White	830	66	22.6	975	74	23.5	1,031	73	23.7	1,088	73	23.8	1,101	73	23.5
Hispanic/Latino	85	7	15.9	90	7	16.8	111	8	17.0	136	9	18.7	130	9	19.5
Asian	38	3	23.0	40	3	22.6	55	4	23.9	47	3	24.4	55	4	24.9
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
Two or more races	25	2	18.8	26	2	20.6	37	3	21.6	33	2	21.8	41	3	23.4
Prefer not to respond/No response	194	16	23.5	122	9	23.8	97	7	23.1	109	7	23.9	95	6	24.4

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

Total Students in Report: 1,505

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: 1,505

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	5	100	7	100	14	100	8	100	0	100	36
35	22	100	5	100	26	99	7	99	2	100	35
34	37	98	22	99	27	97	7	99	14	100	34
33	34	96	23	98	42	96	6	99	12	99	33
32	29	93	23	96	63	93	20	98	22	98	32
31	44	92	18	95	50	89	23	97	42	97	31
30	55	89	30	93	76	85	27	95	40	94	30
29	56	85	47	91	59	80	31	93	74	91	29
28	46	81	64	88	57	76	45	91	89	86	28
27	85	78	99	84	57	72	97	88	90	80	27
26	88	73	134	78	82	69	79	82	85	74	26
25	80	67	120	69	70	63	131	77	103	69	25
24	123	61	138	61	115	59	145	68	130	62	24
23	88	53	107	51	82	51	120	58	131	53	23
22	106	47	75	44	95	46	126	50	107	45	22
21	126	40	38	39	111	39	117	42	109	37	21
20	95	32	76	37	77	32	129	34	79	30	20
19	56	26	74	32	81	27	74	26	70	25	19
18	43	22	65	27	69	21	87	21	86	20	18
17	45	19	100	23	53	17	55	15	47	15	17
16	56	16	117	16	37	13	39	11	50	11	16
15	43	12	76	8	51	11	38	9	49	8	15
14	36	10	33	3	33	7	19	6	30	5	14
13	27	7	10	1	32	5	23	5	22	3	13
12	23	5	0	1	19	3	23	3	15	1	12
11	17	4	3	1	15	2	10	2	4	1	11
10	22	3	1	1	7	1	11	1	3	1	10
9	6	1	0	1	1	1	7	1	0	1	9
8	7	1	0	1	0	1	1	1	0	1	8
7	2	1	0	1	2	1	0	1	0	1	7
6	1	1	0	1	2	1	0	1	0	1	6
5	1	1	0	1	0	1	0	1	0	1	5
4	1	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	22.9 (6.0)		22.7 (5.2)		23.5 (6.0)		22.3 (4.9)		22.9 (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: 1,505

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	93	100	19	100	53	100	76	100	94	100	19	100	19	100	18
17	88	94	31	99	105	96	119	95	93	94	11	99	11	99	17
16	117	88	130	97	123	90	140	87	57	88	48	98	67	98	16
15	86	80	120	88	98	81	135	78	131	84	84	95	116	94	15
14	150	74	176	80	135	75	138	69	158	75	182	89	181	86	14
13	87	65	152	68	144	66	163	60	169	65	233	77	181	74	13
12	144	59	208	58	170	56	117	49	183	53	144	62	211	62	12
11	169	49	169	44	129	45	107	41	133	41	196	52	162	48	11
10	163	38	139	33	127	36	116	34	118	32	219	39	161	37	10
9	109	27	135	24	130	28	107	26	83	25	128	25	125	26	9
8	77	20	74	15	96	19	103	19	101	19	115	16	96	18	8
7	83	15	48	10	116	13	59	12	106	12	60	8	76	12	7
6	44	9	43	7	35	5	58	8	52	5	34	4	39	7	6
5	46	6	33	4	25	3	43	4	17	2	16	2	17	4	5
4	26	3	17	2	13	1	10	2	6	1	10	1	31	3	4
3	18	2	8	1	4	1	8	1	3	1	3	1	2	1	3
2	4	1	3	1	2	1	6	1	0	1	0	1	8	1	2
1	1	1	0	1	0	1	0	1	1	1	3	1	2	1	1
Avg (SD)	11.7 (3.8)		11.7 (3.1)		11.8 (3.5)		12.2 (3.7)		12.0 (3.4)		11.3 (2.8)		11.3 (3.1)		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	26	28	25	27
Q2 (50th Percentile)	23	23	23	22	23
Q1 (25th Percentile)	19	18	19	19	20

Total Students in Report: 1,505

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	1,505	61	23.0	22.9
	Black/African American	80	56	17.0	18.5
	American Indian/Alaska Native	3	33	17.0	14.0
	White	1,101	64	23.4	23.8
	Hispanic/Latino	130	52	19.9	19.0
	Asian	55	53	26.0	23.7
	Native Hawaiian/Other Pac. Isl.	0	.	.	.
	Two or more races	41	46	23.7	23.0
	Prefer not/No Response	95	59	24.2	24.6
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	22.9	22.7	23.5	22.3	22.9
	Black/African American	16.8	18.0	17.9	17.3	17.7
	American Indian/Alaska Native	12.3	15.7	15.0	13.0	14.0
	White	23.5	23.1	24.1	22.8	23.5
	Hispanic/Latino	19.1	19.2	20.0	19.3	19.5
	Asian	24.7	26.0	24.7	23.9	24.9
	Native Hawaiian/Other Pac. Isl.	.	.	.	.	.
	Two or more races	22.8	23.4	23.8	23.0	23.4
	Prefer not/No Response	25.0	23.7	25.1	23.3	24.4
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: 1,505

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	98	7	57	4	109	7	28	2
	28 to 32	230	15	182	12	305	20	146	10
	24 to 27	376	25	491	33	324	22	452	30
	20 to 23	415	28	296	20	365	24	492	33
	16 to 19	200	13	356	24	240	16	255	17
	13 to 15	106	7	119	8	116	8	80	5
	01 to 12	80	5	4	0	46	3	52	3
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	609	40	22.2	23.3	23.1	22.8	23.0
	Females	896	60	23.4	22.2	23.7	21.9	22.9
	Missing	0	0	.	.	.	.	.
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	79	65	66	47	40
	Females	82	58	70	38	33
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

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	920	82	23.0	62	22.7	67	23.4	41	22.3	36	23.0
	Less than Core	561	80	22.8	59	22.6	70	23.6	43	22.3	37	22.9
	Missing ³	24	79	21.6	54	21.2	54	20.9	33	21.0	25	21.3
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	1,466	81	22.9	1,460	61	22.8	971	66	23.3	1,427	43	22.4
	Less than Core	15	87	23.3	21	10	17.0	510	72	24.0	54	20	19.4
	Missing ³	24	79	21.6	24	54	21.2	24	54	20.9	24	33	21.0
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.

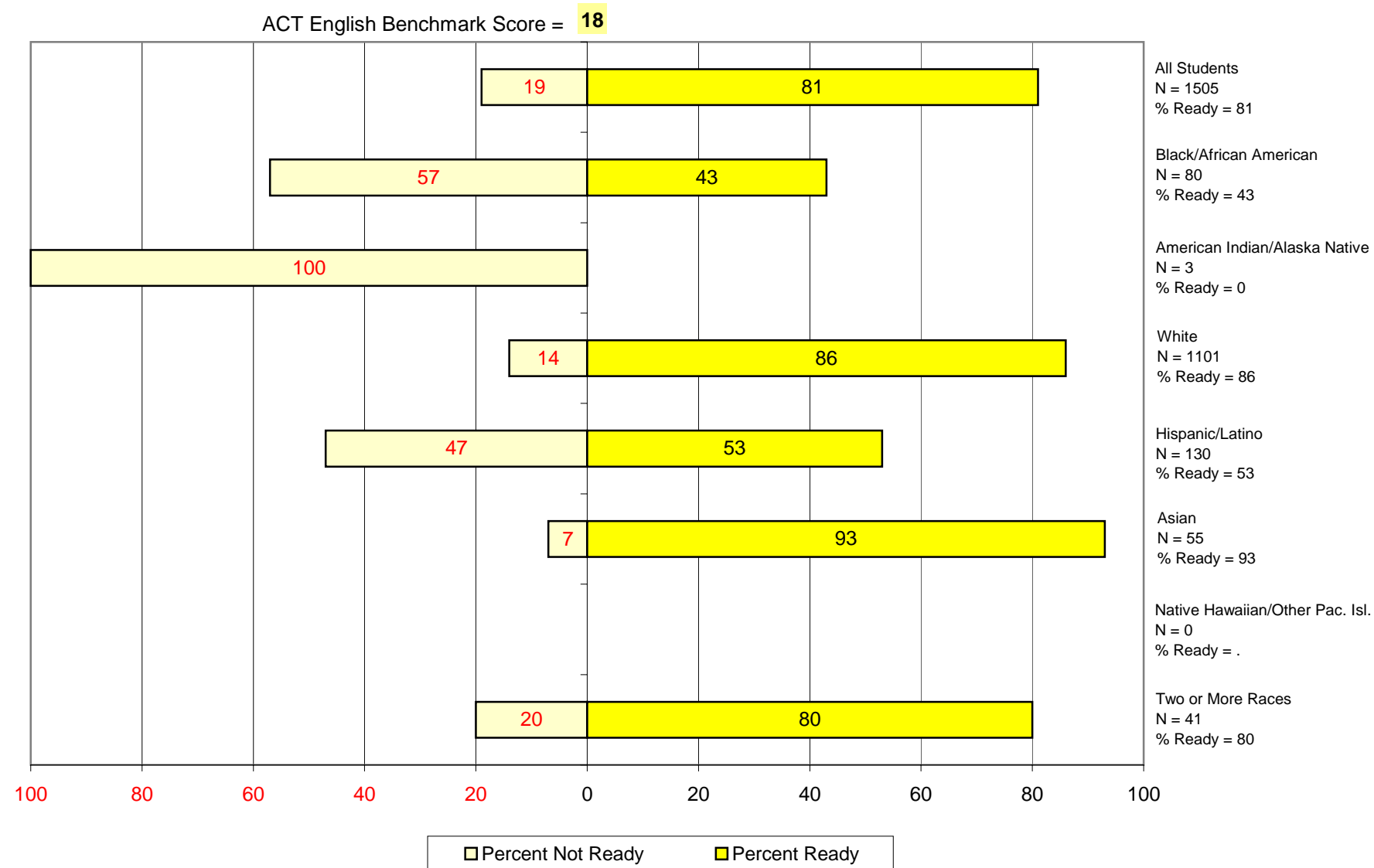
Section III

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: 1,505

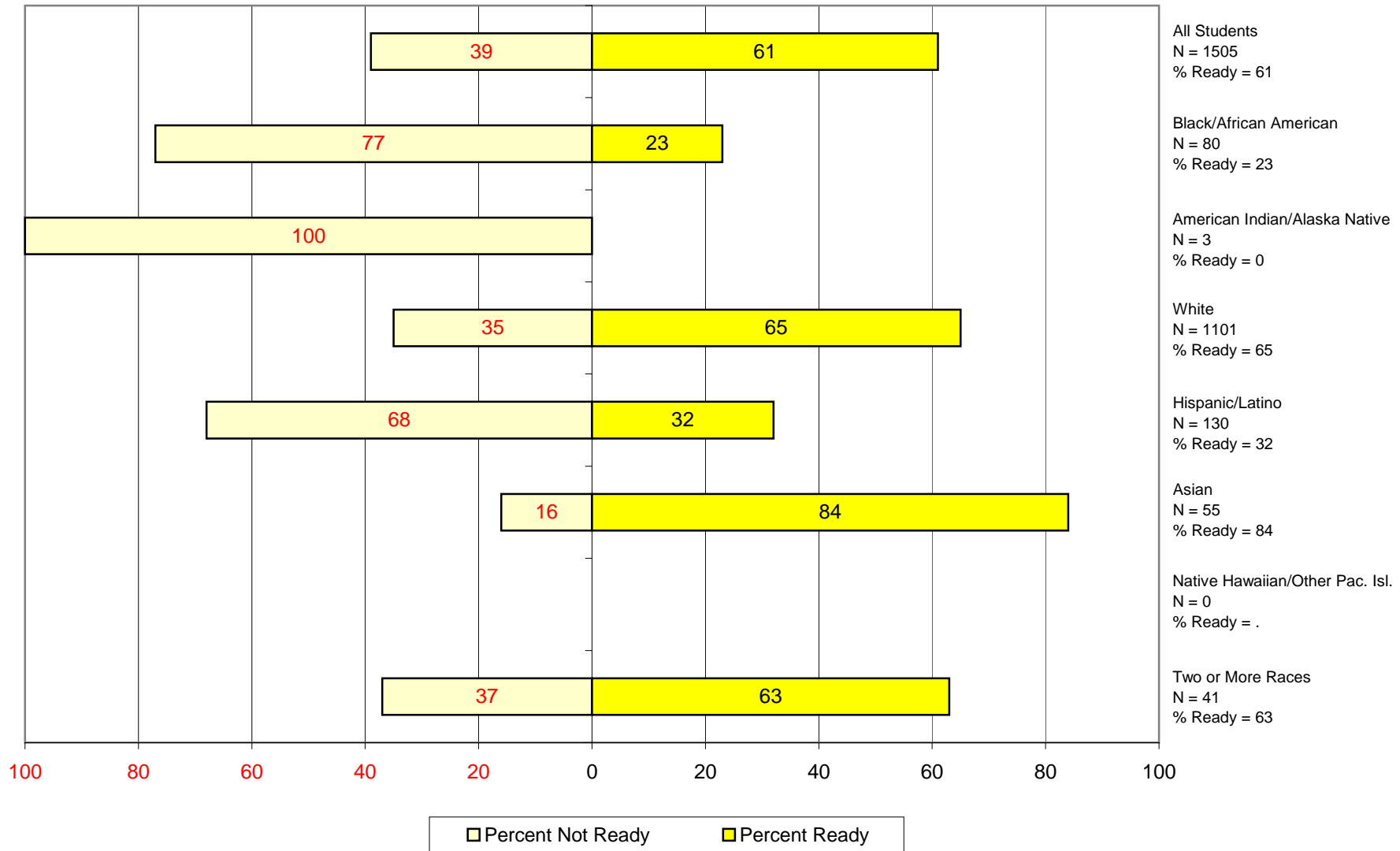
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

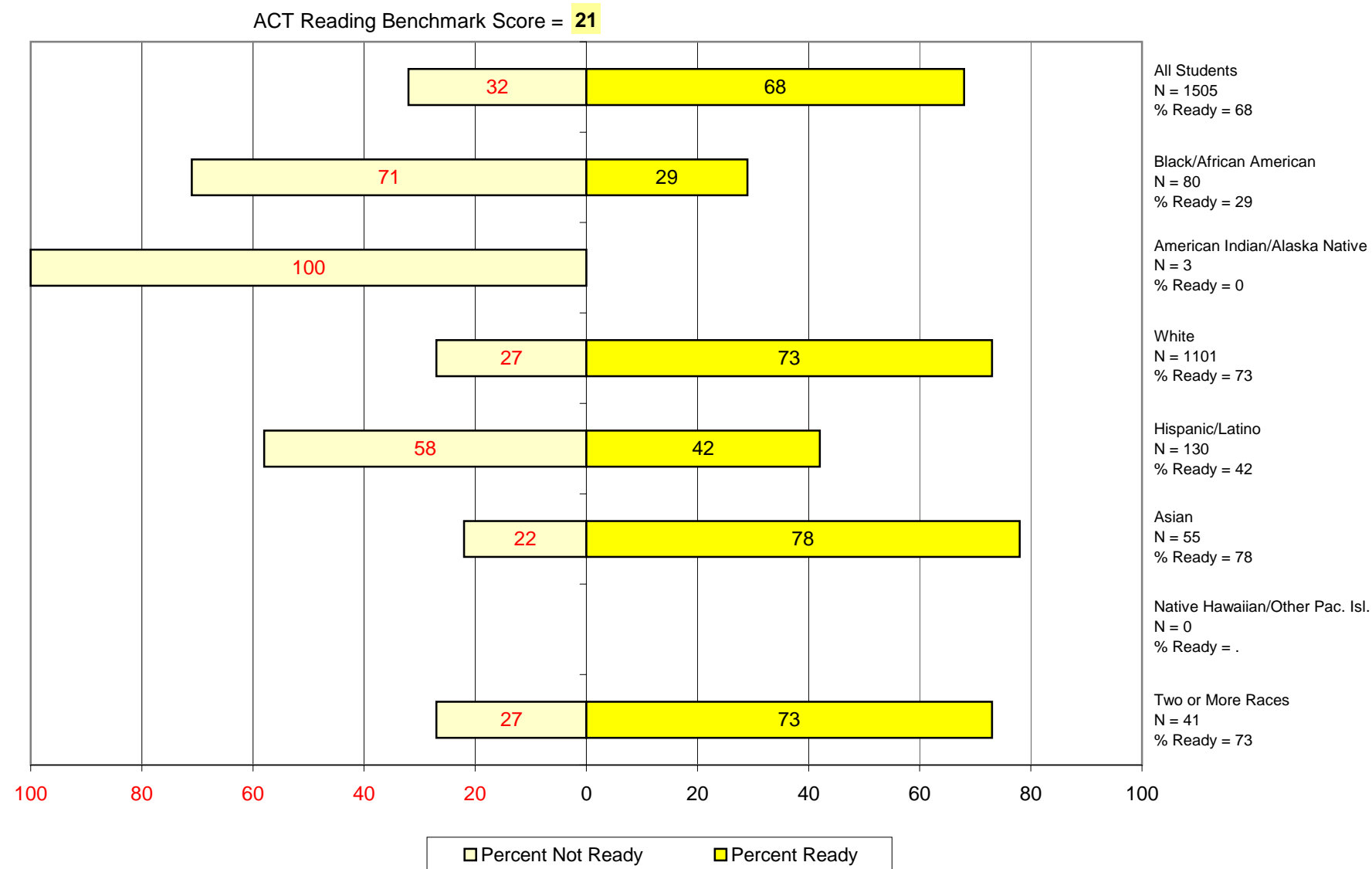
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

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

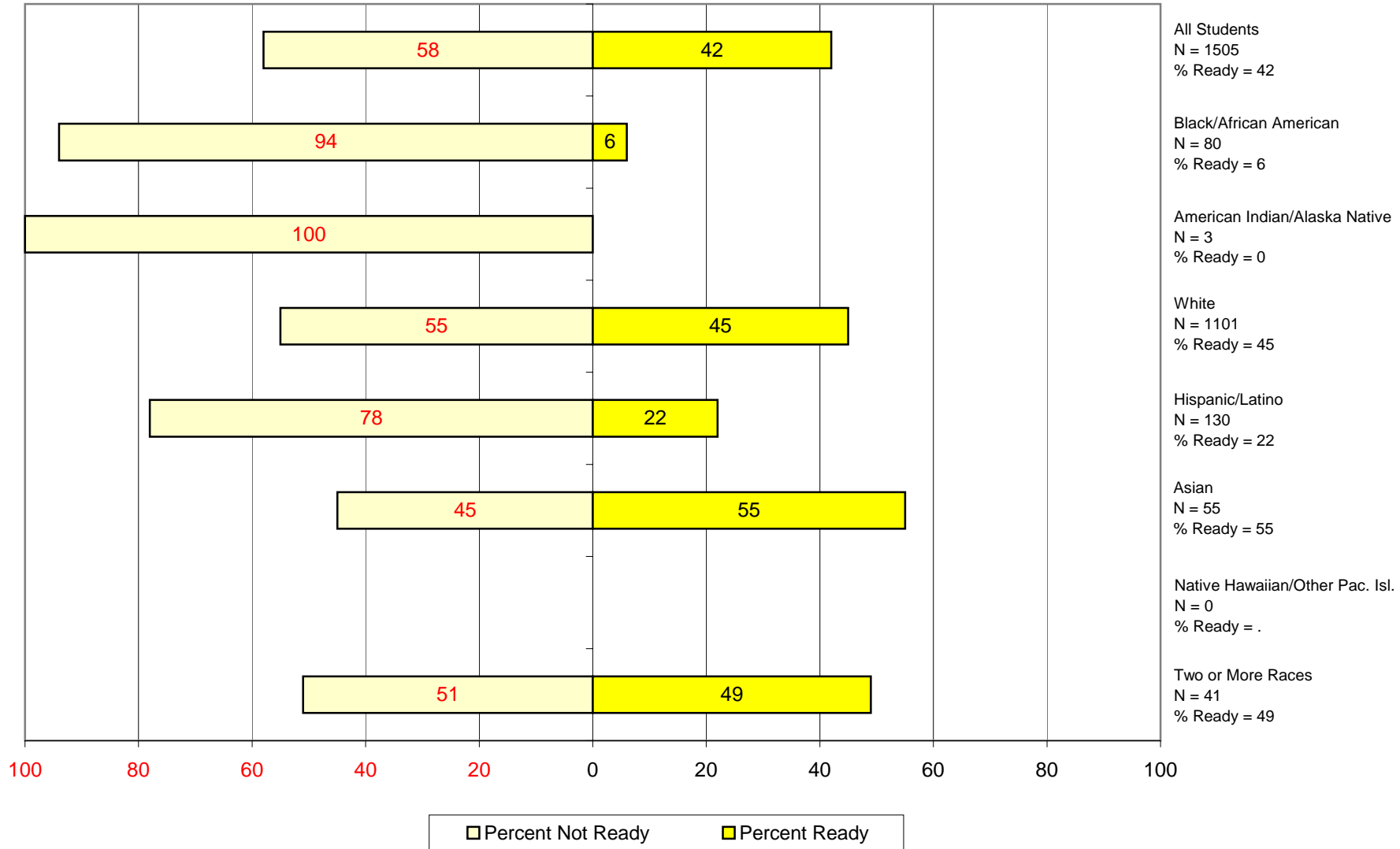


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 1,505

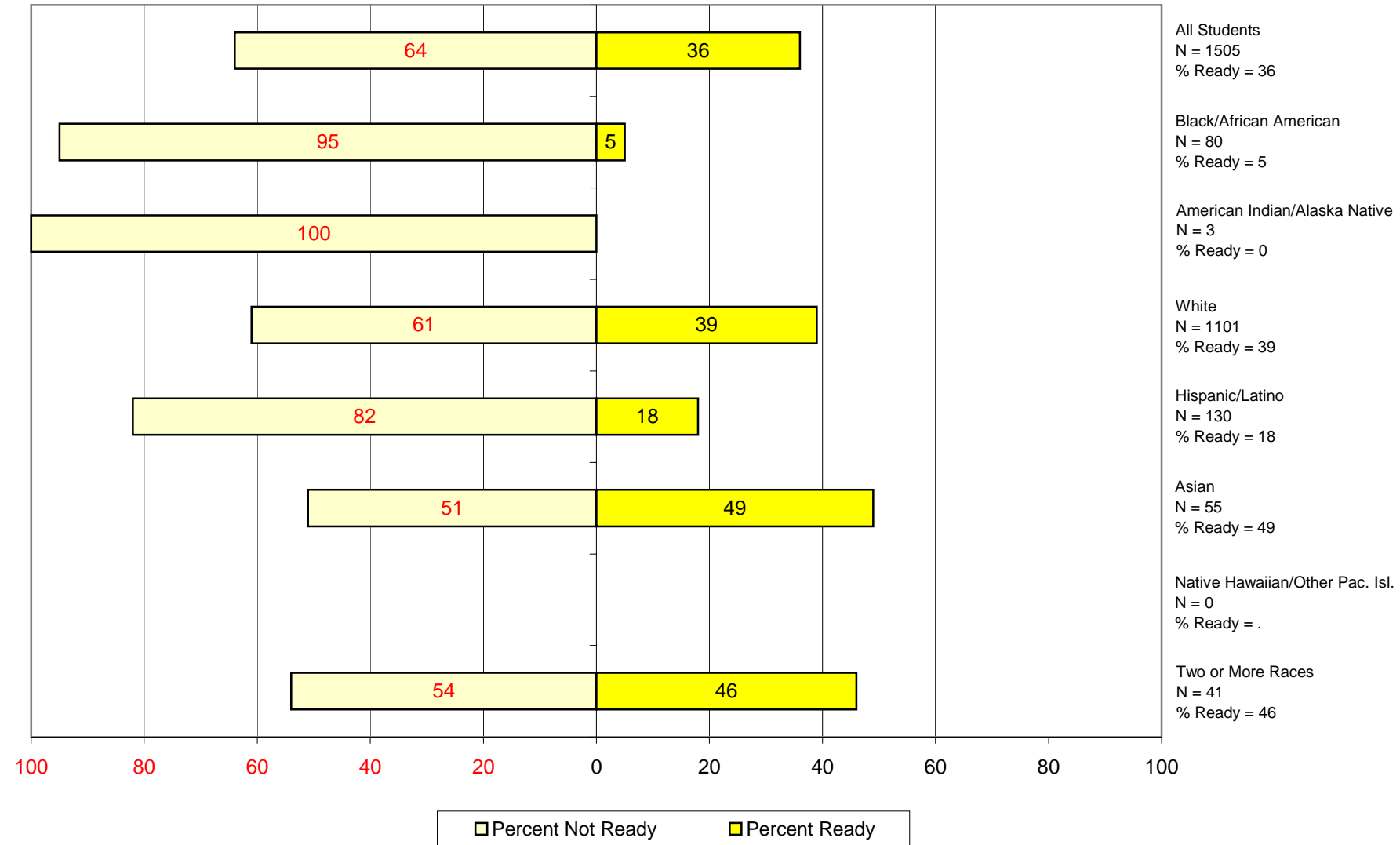
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE

ACT Science Benchmark Score = **24**



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

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: 1,505

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	398	26	23.5	0.2	141	23	22.5	-4.5	257	29	24.0	1.0
Eng 9, Eng 10, Eng 11, Eng 12	1,068	71	22.7	-0.6	458	75	22.1	-4.9	610	68	23.1	0.1
Less than 4 years of English	15	1	23.3	-	1	0	27.0	-	14	2	23.0	-
Zero years / no English courses reported	24	2	21.6	-	9	1	20.6	-	15	2	22.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	150	10	25.6	8.6	63	10	26.1	11.2	87	10	25.3	6.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	139	9	22.6	5.6	46	8	22.5	7.6	93	10	22.7	3.4
Alg 1, Alg 2, Geom, & Trig	51	3	20.5	3.5	22	4	22.0	7.1	29	3	19.3	0.0
Alg 1, Alg 2, Geom, & Other Adv Math	220	15	20.0	3.0	72	12	20.3	5.4	148	17	19.8	0.5
Other comb of 4 or more years of Math	728	48	24.2	7.2	326	54	24.7	9.8	402	45	23.8	4.5
Alg 1, Alg 2, & Geom	90	6	17.4	0.4	28	5	18.2	3.3	62	7	17.0	-2.3
Other comb of 3 or 3.5 years of Math	82	5	19.9	2.9	32	5	19.2	4.3	50	6	20.4	1.1
Less than 3 years of Math	21	1	17.0	-	11	2	14.9	-	10	1	19.3	-
Zero years / no Math courses reported	24	2	21.2	-	9	1	22.3	-	15	2	20.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	96	6	24.1	0.1	41	7	22.2	-1.5	55	6	25.4	1.3
Other comb of 4 or more years Social Science	430	29	23.1	-0.9	194	32	23.1	-0.6	236	26	23.1	-1.0
US Hist, World Hist, & Am Gov	66	4	22.5	-1.5	40	7	22.3	-1.4	26	3	22.9	-1.2
Other comb of 3 or 3.5 years of Social Science	379	25	23.4	-0.6	148	24	22.9	-0.8	231	26	23.7	-0.4
Less than 3 years of Social Science	510	34	24.0	-	177	29	23.7	-	333	37	24.1	-
Zero years / no Social Science courses reported	24	2	20.9	-	9	1	20.9	-	15	2	20.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	888	59	22.9	3.5	387	64	23.5	5.6	501	56	22.4	2.3
Bio, Chem, Phys	224	15	23.3	3.9	89	15	24.2	6.3	135	15	22.8	2.7
Gen Sci ² , Bio, Chem	294	20	20.3	0.9	97	16	20.2	2.3	197	22	20.4	0.3
Other comb of 3 years of Natural Science	21	1	20.7	1.3	8	1	19.9	2.0	13	1	21.2	1.1
Less than 3 years of Natural Science	54	4	19.4	-	19	3	17.9	-	35	4	20.1	-
Zero years / no Natural Science courses reported	24	2	21.0	-	9	1	21.1	-	15	2	20.9	-

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: 1,505

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	398	26	23.5	82	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	1,068	71	22.7	81	1,178,400	71	20.5	67
Less than 4 years of English	15	1	23.3	87	64,748	4	16.5	41
Zero years / no English courses reported	24	2	21.6	79	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	150	10	25.6	84	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	139	9	22.6	67	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	51	3	20.5	41	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	220	15	20.0	38	279,658	17	19.9	36
Other comb of 4 or more years of Math	728	48	24.2	73	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	90	6	17.4	12	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	82	5	19.9	41	82,509	5	19.9	35
Less than 3 years of Math	21	1	17.0	10	69,741	4	16.6	8
Zero years / no Math courses reported	24	2	21.2	54	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	96	6	24.1	67	47,179	3	22.3	59
Other comb of 4 or more years Social Science	430	29	23.1	65	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	66	4	22.5	55	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	379	25	23.4	69	452,172	27	21.2	51
Less than 3 years of Social Science	510	34	24.0	72	149,266	9	19.7	40
Zero years / no Social Science courses reported	24	2	20.9	54	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	888	59	22.9	47	740,499	44	21.9	39
Bio, Chem, Phys	224	15	23.3	49	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	294	20	20.3	26	466,992	28	20.0	22
Other comb of 3 years of Natural Science	21	1	20.7	19	45,992	3	19.5	20
Less than 3 years of Natural Science	54	4	19.4	20	194,661	12	18.4	13
Zero years / no Natural Science courses reported	24	2	21.0	33	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: 1,505

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	15	1	20.5	2	22	14.0	11	1	22.1
Architecture	21	1	22.9	0	0	.	20	2	23.0
Area, Ethnic, & Multidisciplinary Studies	5	0	23.2	0	0	.	5	0	23.2
Arts: Visual & Performing	75	5	21.7	2	22	20.0	63	5	21.7
Business	179	12	22.3	0	0	.	156	12	22.3
Communications	52	3	22.3	0	0	.	50	4	22.5
Community, Family, & Personal Services	16	1	20.2	0	0	.	15	1	20.6
Computer Science & Mathematics	19	1	25.7	0	0	.	14	1	24.3
Education	66	4	20.9	0	0	.	62	5	21.0
Engineering	115	8	25.7	0	0	.	100	8	25.8
Engineering Technology & Drafting	5	0	20.6	0	0	.	5	0	20.6
English & Foreign Languages	30	2	25.3	0	0	.	27	2	25.4
Health Administration & Assisting	13	1	19.4	0	0	.	12	1	19.6
Health Sciences & Technologies	232	15	22.8	1	11	11.0	208	16	23.0
Philosophy, Religion, & Theology	6	0	20.7	0	0	.	5	0	20.2
Repair, Production, & Construction	2	0	13.0	1	11	12.0	1	0	14.0
Sciences: Biological & Physical	166	11	24.4	0	0	.	148	12	24.7
Social Sciences & Law	148	10	22.2	0	0	.	125	10	22.0
Undecided	315	21	23.0	3	33	15.3	237	19	22.9
No Response	25	2	22.0	0	0	.	16	1	22.3

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: 1,505

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	14.3	2	14.5	0	.	2	14.0	2	14.5
2-yr College Degree	3	17.0	1	11.0	0	.	1	28.0	1	12.0
Bachelors Degree	525	21.1	31	17.1	2	15.5	389	21.7	54	18.5
Graduate Study	389	24.1	9	19.6	0	.	322	24.2	18	22.1
Prof. Level Degree	366	24.5	27	18.5	0	.	243	25.3	26	21.6
Other	12	22.5	0	.	0	.	9	23.3	2	18.0
No Response	204	23.0	10	16.6	1	11.0	135	24.0	27	18.4

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	14.3	0	.	0	.	0	.	0	.
2-yr College Degree	3	17.0	0	.	0	.	0	.	0	.
Bachelors Degree	525	21.1	16	23.2	0	.	15	22.7	18	20.2
Graduate Study	389	24.1	8	26.8	0	.	6	25.3	26	24.9
Prof. Level Degree	366	24.5	22	26.5	0	.	16	24.2	32	24.8
Other	12	22.5	1	24.0	0	.	0	.	0	.
No Response	204	23.0	8	22.0	0	.	4	19.5	19	27.0

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

Total Students in Report: 1,505

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 RHODE ISLAND	Rhode Island	246	102	144	0	7	24	33	22	13	0
RHODE ISLAND COLLEGE	Rhode Island	93	25	68	1	13	40	31	13	2	0
NORTHEASTERN UNIVERSITY	Massachusetts	78	16	62	1	3	8	21	46	22	0
BOSTON UNIVERSITY	Massachusetts	53	23	30	0	8	9	25	34	23	2
UNIVERSITY OF CONNECTICUT	Connecticut	53	8	45	2	0	13	21	47	17	0
BROWN UNIVERSITY	Rhode Island	46	22	24	2	4	15	15	24	33	7
ROGER WILLIAMS UNIVERSITY	Rhode Island	35	3	32	3	6	34	26	23	9	0
PROVIDENCE COLLEGE	Rhode Island	34	8	26	0	6	29	32	18	15	0
BOSTON COLLEGE	Massachusetts	31	14	17	0	6	3	13	39	39	0
QUINNIPIAC UNIVERSITY	Connecticut	30	8	22	0	7	10	43	37	3	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	28	3	25	0	11	21	25	32	11	0
MASSACHUSETTS COLL PHARM/HLTH SCIENCES	Massachusetts	24	5	19	0	4	17	38	29	13	0
SALVE REGINA UNIVERSITY	Rhode Island	24	7	17	4	8	29	21	33	4	0
TUFTS UNIVERSITY	Massachusetts	21	8	13	0	5	10	24	33	29	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	21	6	15	0	5	29	24	38	5	0
UNIVERSITY OF VERMONT	Vermont	21	4	17	0	0	5	24	43	29	0
BRYANT UNIVERSITY	Rhode Island	20	4	16	0	5	25	35	30	5	0
UNIV OF MASSACHUSETTS-DARTMOUTH	Massachusetts	19	3	16	0	16	16	32	26	11	0
UNIVERSITY OF MIAMI	Florida	19	6	13	0	0	0	32	37	26	5
EMMANUEL COLLEGE	Massachusetts	18	6	12	0	11	17	39	22	11	0
COMMUNITY COLLEGE OF RHODE ISLAND	Rhode Island	16	3	13	0	25	44	6	19	6	0
HARVARD COLLEGE	Massachusetts	16	4	12	0	0	13	13	13	38	25
STONEHILL COLLEGE	Massachusetts	15	3	12	0	0	0	20	53	27	0
WORCESTER POLYTECHNIC INST	Massachusetts	15	8	7	0	0	0	33	33	33	0
COLLEGE OF THE HOLY CROSS	Massachusetts	14	2	12	0	0	0	29	50	21	0
NEW YORK UNIVERSITY	New York	14	4	10	0	7	7	36	29	21	0
SACRED HEART UNIVERSITY	Connecticut	14	2	12	0	0	21	43	21	14	0
BENTLEY UNIVERSITY	Massachusetts	13	9	4	0	0	8	46	31	15	0
ELON UNIVERSITY	North Carolina	13	4	9	0	0	8	8	46	38	0
GEORGETOWN UNIVERSITY	District of Columbia	13	1	12	0	0	0	23	15	62	0
All Other Institutions		1,007	252	755	1	5	17	29	28	19	1
Total		2,064	573	1,491	1	6	18	28	28	18	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: 1,505

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	1,303	931,148	23.2	21.5	7.7	7.1	22.6	20.7
Black/African American	73	113,247	16.7	16.6	6.9	6.2	17.1	16.4
American Indian/Alaska Native	3	5,233	12.3	17.8	3.7	6.5	10.7	17.5
White	936	518,974	24.0	23.2	7.8	7.2	23.3	22.1
Hispanic/Latino	119	150,249	19.2	18.5	6.7	6.8	18.7	18.3
Asian	51	53,381	24.6	23.7	8.1	7.6	23.9	22.8
Native Hawaiian/Other Pac. Isl.	0	2,851	.	19.9	.	7.1	.	19.6
Two or more races	36	32,346	23.0	21.9	7.8	7.1	22.6	21.1
Prefer not/No Response	85	54,867	25.6	21.8	8.0	7.1	24.7	21.0
Males	510	413,617	22.6	21.2	7.5	6.8	21.9	20.3
Females	793	515,745	23.7	21.7	7.8	7.2	23.1	21.1
Missing	0	1,786	.	16.8	.	6.3	.	16.6

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

