

ACT Profile Report - State

Graduating Class 2011
Rhode Island



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

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

34% 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: 1,487 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. 63% 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 2% of the cohort took less than three years of math courses. Of these students, 16% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 63% 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 5% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 39% 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.

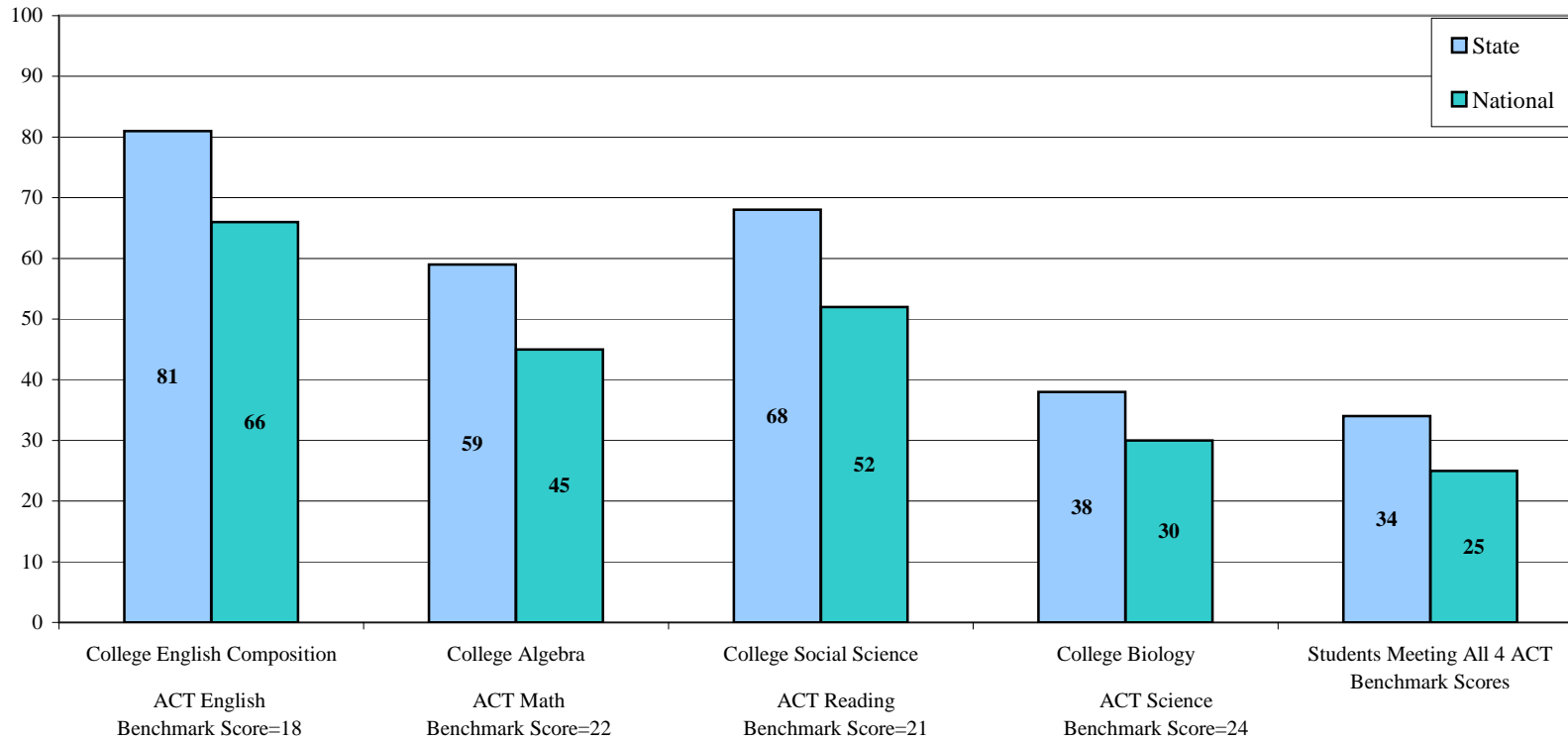
Section I

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: 1,487

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: 1,487

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	1,102	1,300,599	76	69	50	43	60	53	30	28	26	23
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

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	1,102	1,300,599	21.6	20.7	21.5	21.0	22.5	21.5	21.2	21.0	21.8	21.2
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

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: 1,487

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	325	444	29	40	23.1	22.6	22.8	22.3	23.9	23.4	22.4	21.9	23.2	22.7
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

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.

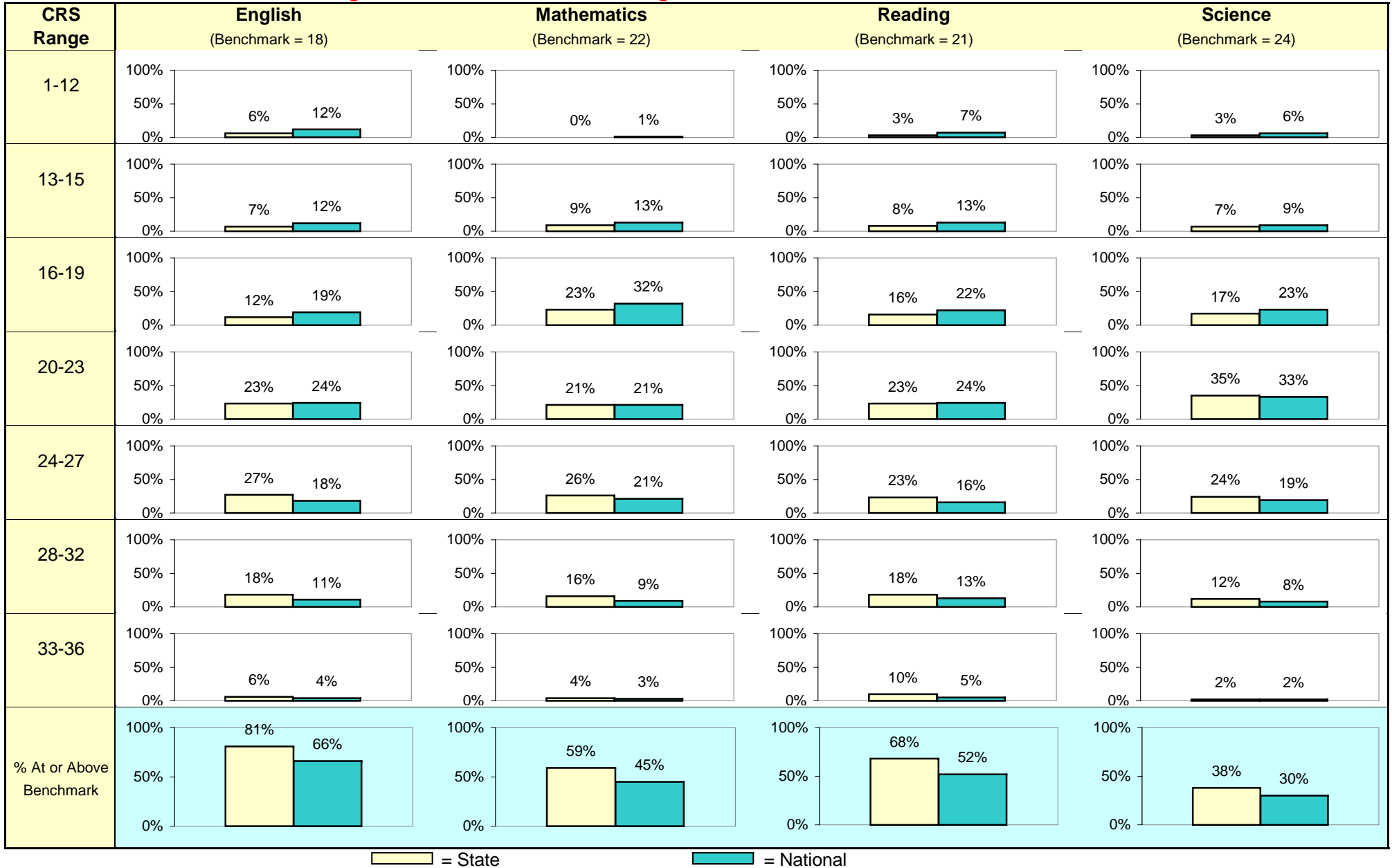
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,102	100	21.8	1,251	100	21.9	1,309	100	22.8	1,405	100	22.8	1,487	100	23.0
Black/African American	68	6	17.1	71	6	17.1	52	4	18.5	69	5	17.9	66	4	17.3
American Indian/Alaska Native	4	0	17.8	8	1	19.4	4	0	18.3	5	0	18.2	8	1	18.8
White	642	58	22.8	830	66	22.6	975	74	23.5	1,031	73	23.7	1,088	73	23.8
Hispanic/Latino	80	7	16.8	85	7	15.9	90	7	16.8	111	8	17.0	136	9	18.7
Asian	17	2	20.0	38	3	23.0	40	3	22.6	55	4	23.9	47	3	24.4
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
Two or more races	30	3	20.0	25	2	18.8	26	2	20.6	37	3	21.6	33	2	21.8
Prefer not to respond/No response	261	24	22.7	194	16	23.5	122	9	23.8	97	7	23.1	109	7	23.9

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

Total Students in Report: 1,487

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: 1,487

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	22	100	6	100	0	100	36
35	28	100	10	100	28	99	5	100	3	100	35
34	24	98	28	99	41	97	6	99	6	100	34
33	37	96	20	97	51	94	14	99	25	99	33
32	43	94	41	96	47	90	16	98	41	98	32
31	43	91	23	93	58	87	15	97	31	95	31
30	40	88	32	91	53	83	31	96	56	93	30
29	56	85	58	89	42	80	37	94	58	89	29
28	83	81	87	85	61	77	75	91	89	85	28
27	77	76	79	79	64	73	47	86	86	79	27
26	77	71	89	74	72	69	94	83	88	73	26
25	112	66	115	68	79	64	92	77	91	68	25
24	136	58	106	60	124	58	127	71	111	61	24
23	76	49	93	53	74	50	146	62	111	54	23
22	98	44	95	47	93	45	90	52	137	46	22
21	110	37	53	41	108	39	135	46	92	37	21
20	65	30	69	37	70	32	143	37	84	31	20
19	55	25	73	32	77	27	72	27	70	25	19
18	36	22	82	28	57	22	92	23	74	21	18
17	43	19	82	22	63	18	46	16	66	16	17
16	49	16	108	16	40	14	49	13	47	11	16
15	50	13	90	9	47	11	46	10	36	8	15
14	33	10	26	3	43	8	40	7	39	6	14
13	19	7	16	1	22	5	15	4	27	3	13
12	21	6	2	1	23	3	18	3	10	1	12
11	27	5	3	1	13	2	16	2	6	1	11
10	15	3	0	1	10	1	9	1	3	1	10
9	10	2	0	1	4	1	3	1	0	1	9
8	15	1	0	1	1	1	2	1	0	1	8
7	4	1	0	1	0	1	0	1	0	1	7
6	0	1	0	1	0	1	0	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	0	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)	23.1 (6.2)		22.8 (5.4)		23.5 (6.2)		22.1 (4.9)		23.0 (5.1)		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: 1,487

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	78	100	36	100	71	100	75	100	96	100	21	100	41	100	18
17	126	95	2	98	83	95	169	95	87	94	28	99	0	97	17
16	82	86	132	97	138	90	139	84	79	88	56	97	67	97	16
15	132	81	168	89	85	80	155	74	135	82	87	93	157	93	15
14	112	72	149	77	101	75	89	64	151	73	162	87	168	82	14
13	143	64	185	67	117	68	139	58	173	63	243	76	137	71	13
12	141	55	179	55	190	60	119	48	120	52	138	60	179	62	12
11	134	45	174	43	141	47	164	40	163	43	212	51	141	50	11
10	161	36	117	31	130	38	83	29	97	32	168	36	198	40	10
9	85	25	107	23	145	29	88	24	76	26	171	25	135	27	9
8	70	20	82	16	103	19	75	18	112	21	88	14	89	18	8
7	71	15	57	10	91	12	53	13	120	13	49	8	77	12	7
6	58	10	33	7	49	6	68	9	51	5	10	4	50	7	6
5	31	6	25	4	24	3	43	5	13	2	31	4	9	3	5
4	31	4	28	3	10	1	20	2	10	1	2	2	26	3	4
3	26	2	13	1	7	1	7	1	3	1	19	1	2	1	3
2	6	1	0	1	1	1	1	1	1	1	0	1	9	1	2
1	0	1	0	1	1	1	0	1	0	1	2	1	2	1	1
Avg (SD)	11.8 (3.8)		11.8 (3.2)		11.8 (3.5)		12.4 (3.8)		12.0 (3.5)		11.4 (2.9)		11.4 (3.2)		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	27	28	25	27
Q2 (50th Percentile)	24	23	23	22	23
Q1 (25th Percentile)	19	18	19	19	19

Total Students in Report: 1,487

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	1,487	63	23.0	23.0
	Black/African American	66	59	17.8	16.8
	American Indian/Alaska Native	8	50	19.0	19.3
	White	1,088	64	23.7	23.9
	Hispanic/Latino	136	56	18.4	19.4
	Asian	47	57	24.0	25.2
	Native Hawaiian/Other Pac. Isl.	0	.	.	.
	Two or more races	33	58	22.5	20.9
	Prefer not/No Response	109	69	24.2	23.8
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	23.1	22.8	23.5	22.1	23.0
	Black/African American	16.5	17.0	18.0	17.2	17.3
	American Indian/Alaska Native	17.4	18.0	20.1	19.4	18.8
	White	24.0	23.5	24.3	22.8	23.8
	Hispanic/Latino	17.8	18.7	19.1	18.7	18.7
	Asian	24.4	25.1	24.7	23.0	24.4
	Native Hawaiian/Other Pac. Isl.	.	.	.	.	.
	Two or more races	21.8	21.4	22.2	21.4	21.8
	Prefer not/No Response	24.7	23.7	24.9	22.2	23.9
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: 1,487

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	94	6	65	4	142	10	31	2
	28 to 32	265	18	241	16	261	18	174	12
	24 to 27	402	27	389	26	339	23	360	24
	20 to 23	349	23	310	21	345	23	514	35
	16 to 19	183	12	345	23	237	16	259	17
	13 to 15	102	7	132	9	112	8	101	7
	01 to 12	92	6	5	0	51	3	48	3
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	552	37	22.3	23.6	22.9	22.5	23.0
	Females	935	63	23.5	22.3	23.9	21.8	23.0
	Missing	0	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	76	62	64	43	37
	Females	83	58	71	35	32
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

Total Students in Report: 1,487

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	936	82	23.2	59	22.8	69	23.6	37	22.1	33	23.0
	Less than Core	527	79	23.1	61	22.9	69	23.5	41	22.2	37	23.0
	Missing ³	24	67	19.6	42	20.0	58	21.8	25	19.3	25	20.3
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	1,452	81	23.2	1,438	60	22.9	997	67	23.3	1,392	39	22.3
	Less than Core	20	45	18.1	32	16	17.3	471	72	24.0	78	18	18.7
	Missing ³	15	87	21.9	17	53	20.9	19	63	22.4	17	24	20.2
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.

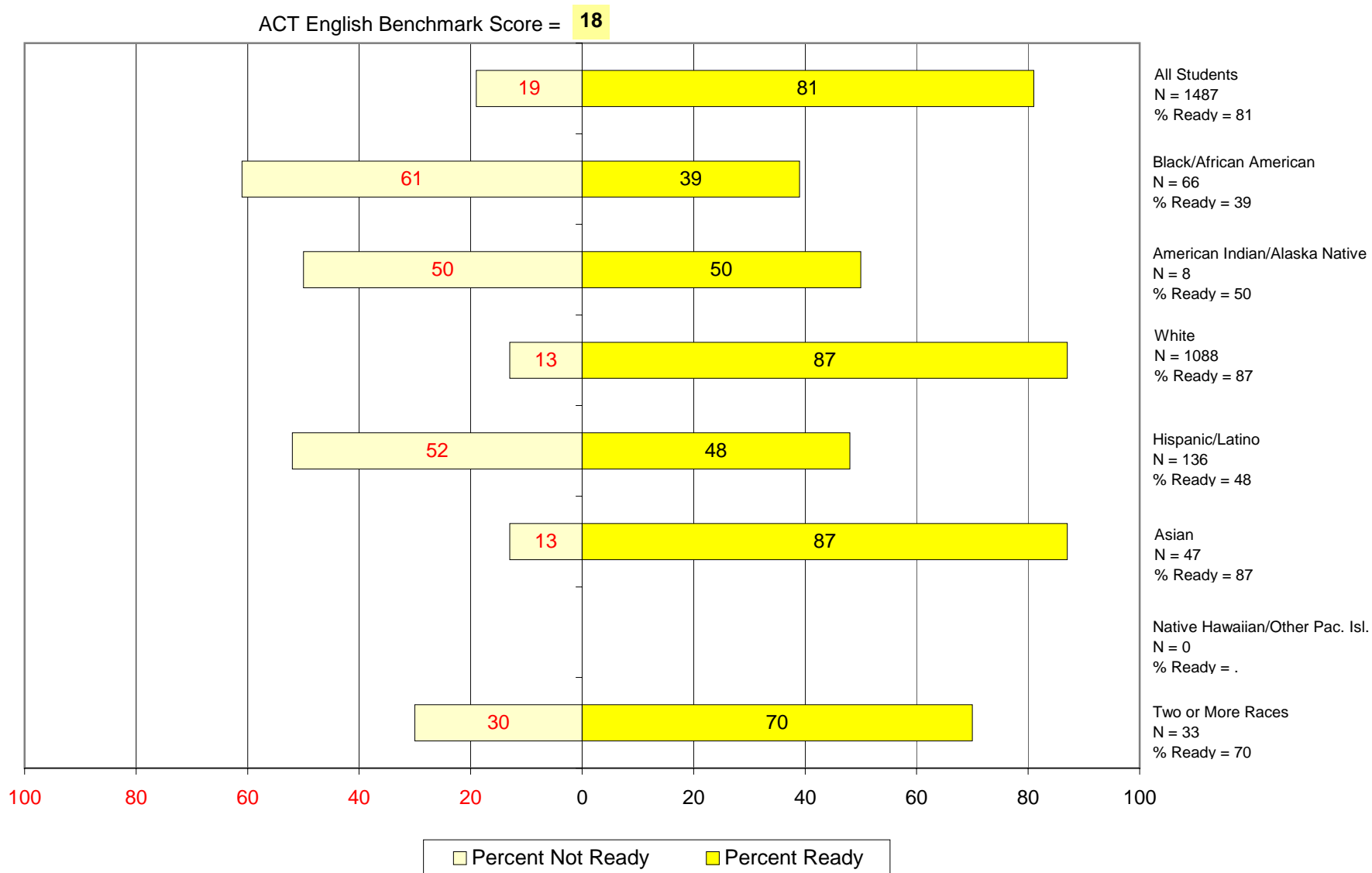
Section III

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: 1,487

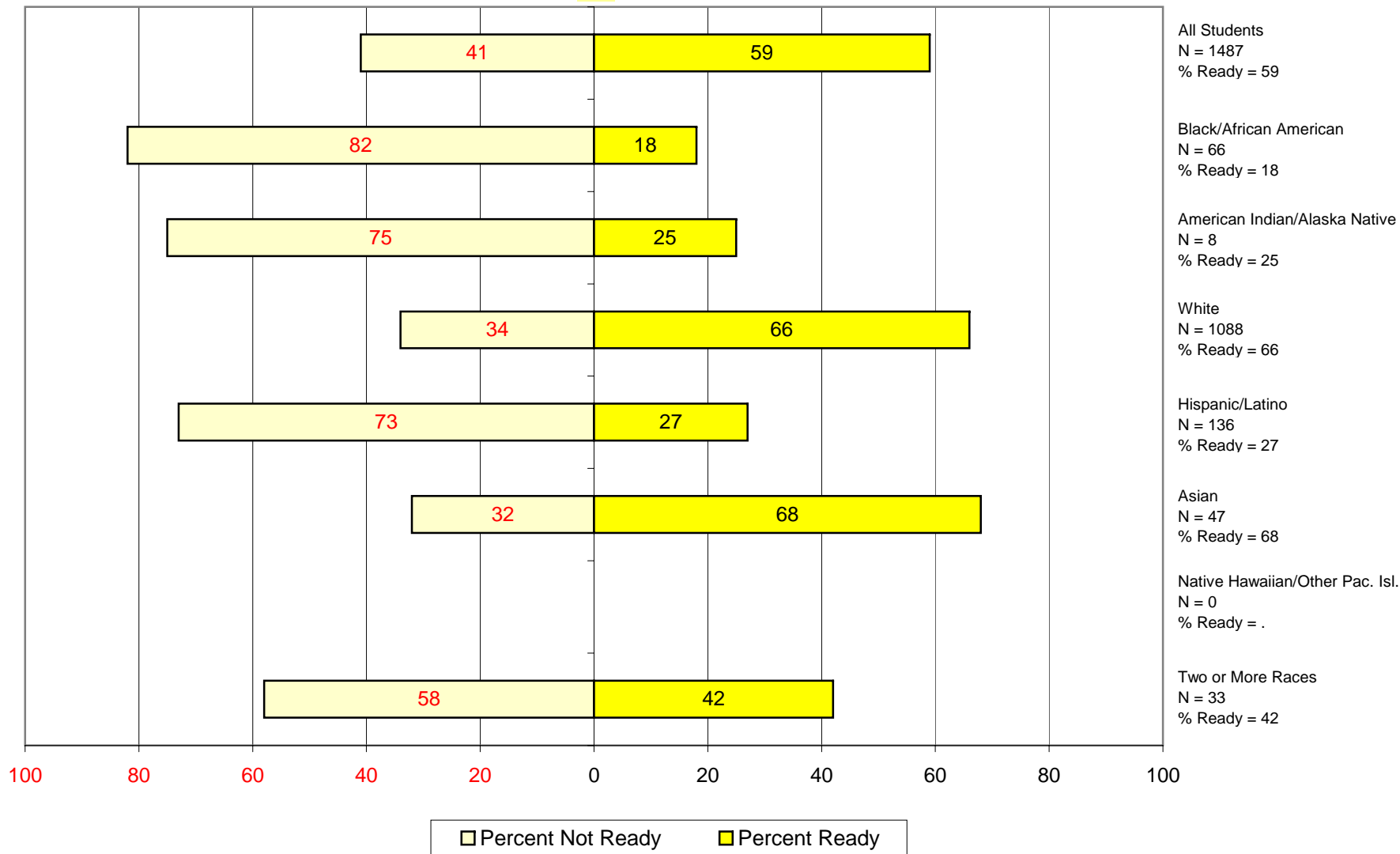
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



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

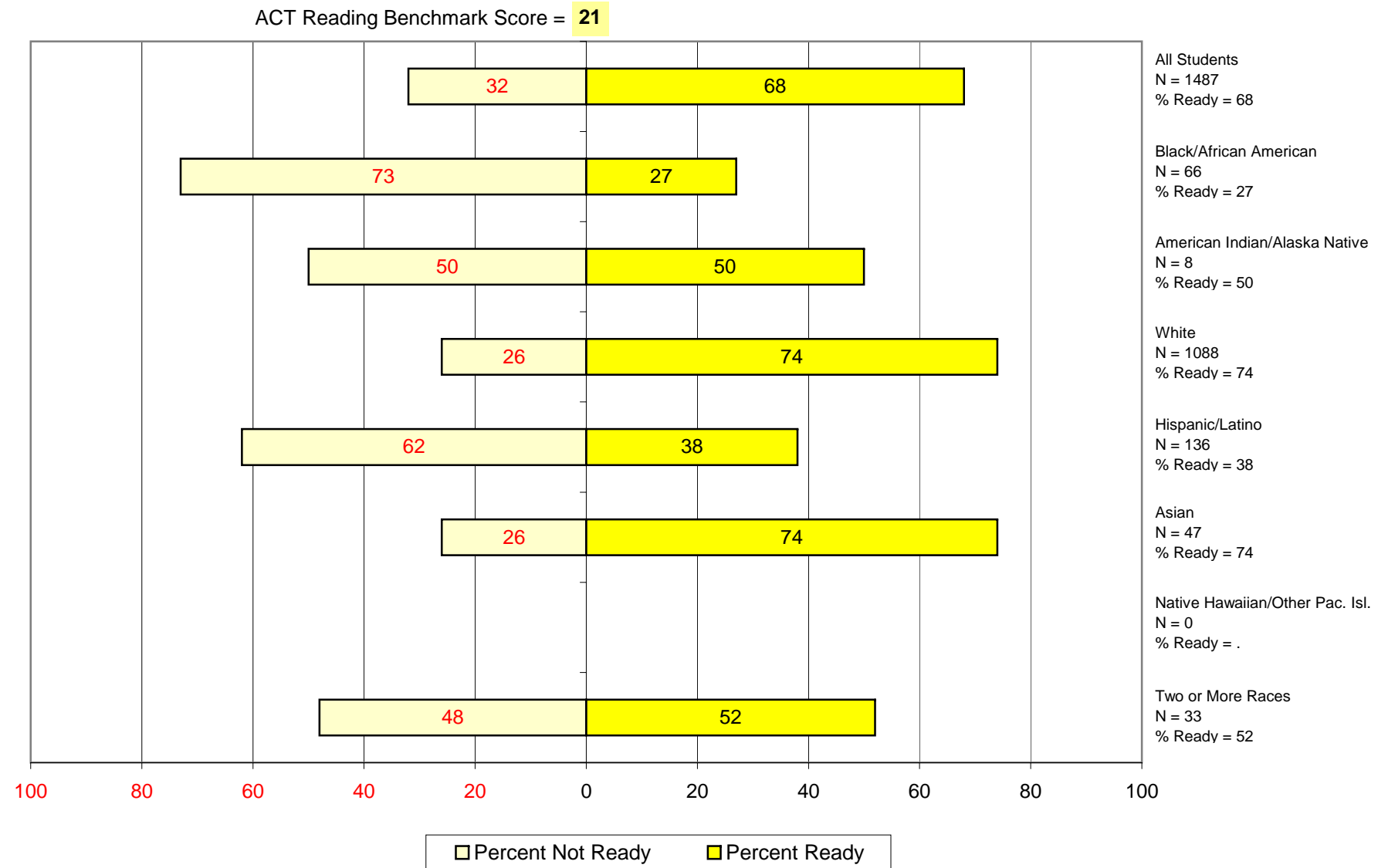
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

ACT Mathematics Benchmark Score = **22**



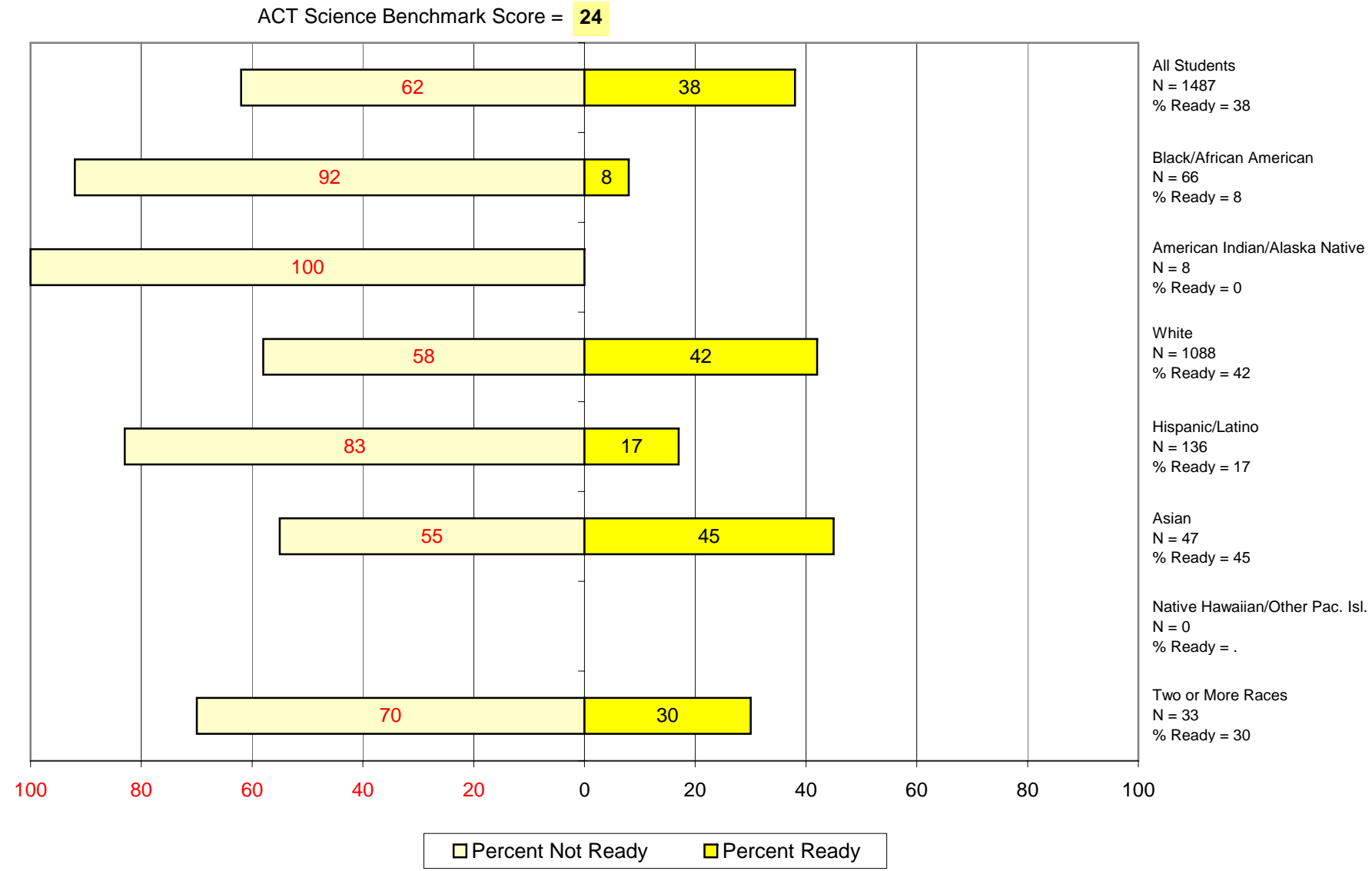
¹Refer to the section header on page 17 for a description of race/ethnicity changes.

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.

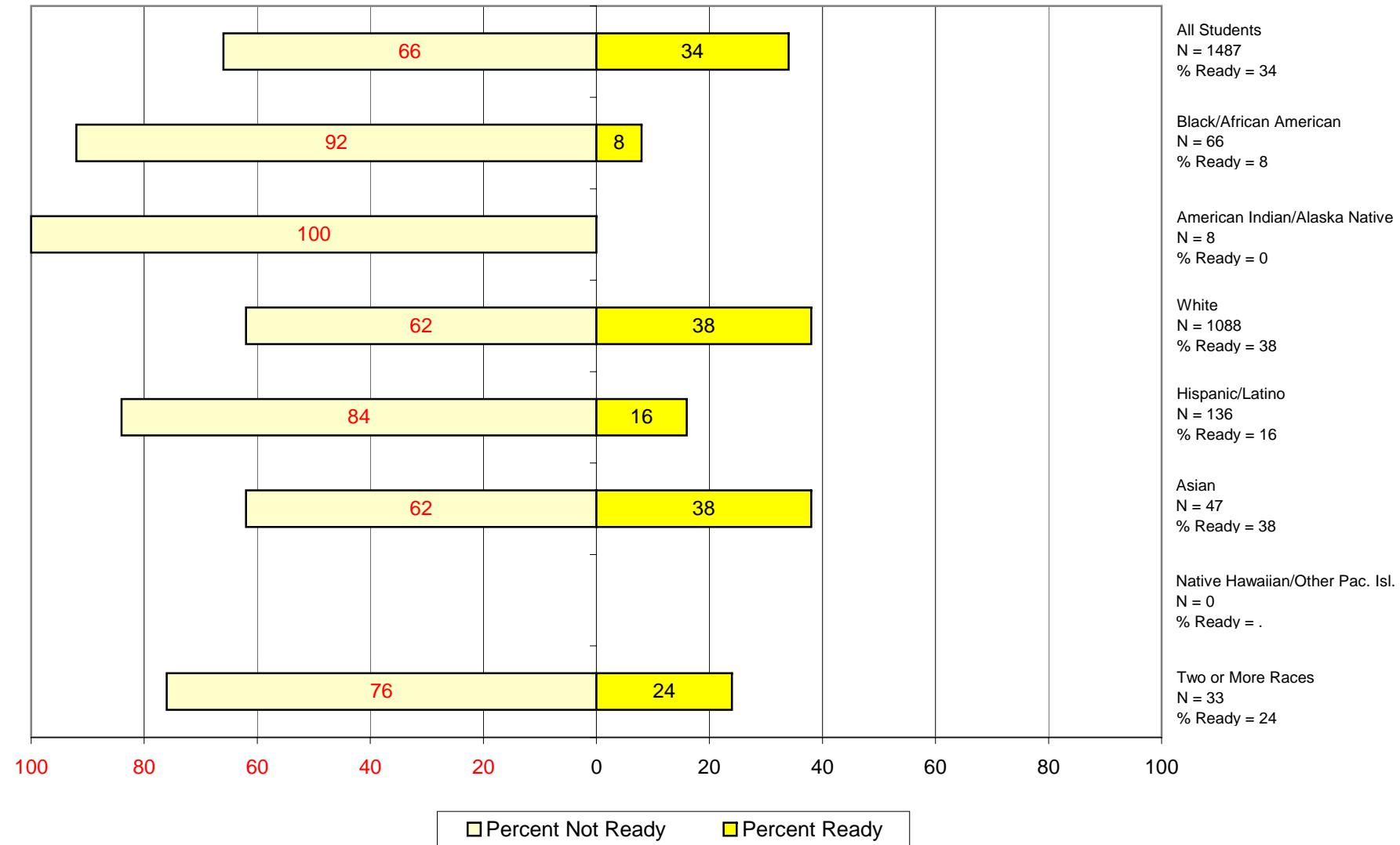
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE



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

Total Students in Report: 1,487

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: 1,487

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	442	30	23.0	4.9	164	30	22.2	5.1	278	30	23.4	4.7
Eng 9, Eng 10, Eng 11, Eng 12	1,010	68	23.2	5.1	372	67	22.5	5.4	638	68	23.7	5.0
Less than 4 years of English	20	1	18.1	-	8	1	17.1	-	12	1	18.7	-
Zero years / no English courses reported	15	1	21.9	-	8	1	22.1	-	7	1	21.6	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	135	9	27.3	10.0	55	10	28.2	9.4	80	9	26.6	10.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	138	9	22.3	5.0	37	7	23.3	4.5	101	11	21.9	5.7
Alg 1, Alg 2, Geom, & Trig	52	3	20.1	2.8	13	2	20.8	2.0	39	4	19.9	3.7
Alg 1, Alg 2, Geom, & Other Adv Math	192	13	20.1	2.8	53	10	19.9	1.1	139	15	20.2	4.0
Other comb of 4 or more years of Math	754	51	23.9	6.6	312	57	24.6	5.8	442	47	23.5	7.3
Alg 1, Alg 2, & Geom	89	6	17.9	0.6	32	6	18.9	0.1	57	6	17.2	1.0
Other comb of 3 or 3.5 years of Math	78	5	21.2	3.9	26	5	20.5	1.7	52	6	21.5	5.3
Less than 3 years of Math	32	2	17.3	-	13	2	18.8	-	19	2	16.2	-
Zero years / no Math courses reported	17	1	20.9	-	11	2	21.3	-	6	1	20.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	84	6	25.1	1.1	43	8	24.2	0.6	41	4	26.0	1.8
Other comb of 4 or more years Social Science	484	33	22.7	-1.3	176	32	22.4	-1.2	308	33	22.9	-1.3
US Hist, World Hist, & Am Gov	69	5	22.1	-1.9	36	7	21.4	-2.2	33	4	22.9	-1.3
Other comb of 3 or 3.5 years of Social Science	360	24	24.1	0.1	114	21	22.6	-1.0	246	26	24.8	0.6
Less than 3 years of Social Science	471	32	24.0	-	173	31	23.6	-	298	32	24.2	-
Zero years / no Social Science courses reported	19	1	22.4	-	10	2	23.3	-	9	1	21.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	878	59	22.4	3.7	346	63	23.0	4.5	532	57	22.0	3.1
Bio, Chem, Phys	232	16	23.2	4.5	84	15	24.1	5.6	148	16	22.7	3.8
Gen Sci ² , Bio, Chem	266	18	21.2	2.5	72	13	21.2	2.7	194	21	21.2	2.3
Other comb of 3 years of Natural Science	16	1	18.6	-0.1	7	1	18.0	-0.5	9	1	19.0	0.1
Less than 3 years of Natural Science	78	5	18.7	-	33	6	18.5	-	45	5	18.9	-
Zero years / no Natural Science courses reported	17	1	20.2	-	10	2	19.5	-	7	1	21.1	-

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: 1,487

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	442	30	23.0	78	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	1,010	68	23.2	83	1,143,409	70	20.6	66
Less than 4 years of English	20	1	18.1	45	66,225	4	16.6	40
Zero years / no English courses reported	15	1	21.9	87	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	135	9	27.3	90	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	138	9	22.3	62	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	52	3	20.1	37	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	192	13	20.1	39	271,304	17	19.9	36
Other comb of 4 or more years of Math	754	51	23.9	68	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	89	6	17.9	19	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	78	5	21.2	49	78,953	5	19.9	35
Less than 3 years of Math	32	2	17.3	16	79,145	5	16.4	8
Zero years / no Math courses reported	17	1	20.9	53	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	84	6	25.1	69	47,284	3	22.5	59
Other comb of 4 or more years Social Science	484	33	22.7	64	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	69	5	22.1	62	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	360	24	24.1	71	445,631	27	21.1	51
Less than 3 years of Social Science	471	32	24.0	72	149,746	9	19.7	40
Zero years / no Social Science courses reported	19	1	22.4	63	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	878	59	22.4	40	686,167	42	22.1	39
Bio, Chem, Phys	232	16	23.2	48	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	266	18	21.2	30	476,294	29	20.1	21
Other comb of 3 years of Natural Science	16	1	18.6	19	45,296	3	19.6	20
Less than 3 years of Natural Science	78	5	18.7	18	205,148	13	18.3	12
Zero years / no Natural Science courses reported	17	1	20.2	24	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: 1,487

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	10	1	22.0	0	0	.	8	1	22.9
Architecture	15	1	24.0	0	0	.	11	1	24.5
Area, Ethnic, & Multidisciplinary Studies	8	1	27.4	0	0	.	7	1	26.6
Arts: Visual & Performing	100	7	22.0	4	33	21.3	89	7	21.9
Business	170	11	21.6	1	8	14.0	147	11	21.5
Communications	58	4	22.6	0	0	.	51	4	22.8
Community, Family, & Personal Services	17	1	20.2	0	0	.	16	1	19.7
Computer Science & Mathematics	35	2	23.1	2	17	11.5	31	2	23.6
Education	67	5	20.7	0	0	.	57	4	20.3
Engineering	77	5	25.5	0	0	.	73	6	25.4
Engineering Technology & Drafting	26	2	23.4	1	8	15.0	23	2	24.0
English & Foreign Languages	33	2	24.3	0	0	.	28	2	24.3
Health Administration & Assisting	8	1	20.1	0	0	.	7	1	18.3
Health Sciences & Technologies	256	17	22.2	0	0	.	234	18	22.3
Philosophy, Religion, & Theology	9	1	24.0	0	0	.	7	1	24.3
Repair, Production, & Construction	2	0	15.5	0	0	.	2	0	15.5
Sciences: Biological & Physical	145	10	24.8	0	0	.	136	11	24.8
Social Sciences & Law	142	10	23.5	0	0	.	124	10	23.5
Undecided	293	20	23.5	4	33	15.5	221	17	23.9
No Response	16	1	23.2	0	0	.	10	1	24.4

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: 1,487

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	3	17.7	1	11.0	0	.	1	30.0	1	12.0
2-yr College Degree	9	16.2	1	14.0	0	.	5	17.2	1	16.0
Bachelors Degree	496	20.9	21	15.0	3	18.0	369	21.8	52	17.4
Graduate Study	396	23.9	13	19.5	1	22.0	315	24.2	23	21.9
Prof. Level Degree	390	24.9	20	18.4	1	20.0	274	25.9	38	19.9
Other	16	18.7	3	13.7	0	.	5	23.4	3	15.0
No Response	177	23.4	7	20.3	3	18.0	119	24.2	18	17.1

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	3	17.7	0	.	0	.	0	.	0	.
2-yr College Degree	9	16.2	0	.	0	.	0	.	2	15.0
Bachelors Degree	496	20.9	13	22.2	0	.	17	19.0	21	21.0
Graduate Study	396	23.9	12	23.8	0	.	5	24.0	27	24.2
Prof. Level Degree	390	24.9	16	26.0	0	.	6	27.0	35	25.9
Other	16	18.7	2	26.0	0	.	1	16.0	2	14.0
No Response	177	23.4	4	26.5	0	.	4	24.8	22	25.1

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

Total Students in Report: 1,487

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	258	95	163	1	7	20	37	23	12	1
RHODE ISLAND COLLEGE	Rhode Island	77	16	61	1	21	34	34	9	1	0
NORTHEASTERN UNIVERSITY	Massachusetts	75	19	56	0	3	0	33	29	32	3
BOSTON UNIVERSITY	Massachusetts	59	15	44	0	3	7	20	36	32	2
UNIVERSITY OF CONNECTICUT	Connecticut	52	7	45	0	0	4	48	35	13	0
BROWN UNIVERSITY	Rhode Island	50	29	21	0	2	4	28	28	38	0
QUINNIPIAC UNIVERSITY	Connecticut	48	12	36	0	2	13	50	23	10	2
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	39	7	32	0	0	23	46	23	8	0
BOSTON COLLEGE	Massachusetts	37	15	22	0	3	0	35	30	32	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	32	5	27	0	6	22	44	19	9	0
UNIVERSITY OF VERMONT	Vermont	29	9	20	0	0	17	34	31	14	3
SALVE REGINA UNIVERSITY	Rhode Island	27	3	24	0	7	15	44	22	11	0
PROVIDENCE COLLEGE	Rhode Island	25	5	20	0	8	16	40	24	12	0
NCAA ELIGIBILITY CENTER	Indiana	23	16	7	0	4	26	39	22	9	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	23	5	18	0	9	4	39	39	9	0
COMMUNITY COLLEGE OF RHODE ISLAND	Rhode Island	20	9	11	0	40	30	15	10	5	0
SACRED HEART UNIVERSITY	Connecticut	19	1	18	0	11	16	53	16	5	0
STONEHILL COLLEGE	Massachusetts	19	5	14	0	11	5	26	47	11	0
BRYANT UNIVERSITY	Rhode Island	18	4	14	0	6	28	44	11	11	0
WORCESTER POLYTECHNIC INST	Massachusetts	18	5	13	0	0	0	11	56	28	6
SPRINGFIELD COLLEGE	Massachusetts	17	9	8	0	0	35	47	18	0	0
EMERSON COLLEGE	Massachusetts	16	9	7	0	0	31	31	19	19	0
ITHACA COLLEGE	New York	16	4	12	0	0	13	19	38	31	0
NEW YORK UNIVERSITY	New York	15	3	12	0	0	13	13	33	40	0
ENDICOTT COLLEGE	Massachusetts	14	5	9	0	7	36	29	21	7	0
MASSACHUSETTS COLL PHARM/HLTH SCIENCES	Massachusetts	13	3	10	0	8	8	46	23	8	8
RENSSELAER POLYTECHNIC INSTITUTE	New York	13	4	9	0	0	0	8	46	38	8
TUFTS UNIVERSITY	Massachusetts	13	5	8	0	0	0	8	23	54	15
SYRACUSE UNIVERSITY	New York	12	2	10	0	0	0	58	8	33	0
BRIDGEWATER STATE COLLEGE	Massachusetts	11	6	5	0	9	64	18	9	0	0
All Other Institutions		929	225	704	0	6	19	28	22	22	2
Total		2,017	557	1,460	0	6	17	32	24	19	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: 1,487

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	1,279	905,035	23.4	21.5	7.8	7.1	22.7	20.8
Black/African American	59	112,251	17.0	16.7	6.6	6.3	17.0	16.5
American Indian/Alaska Native	8	5,519	17.4	18.4	7.3	6.5	18.0	18.0
White	921	522,234	24.4	23.2	8.0	7.3	23.7	22.2
Hispanic/Latino	124	128,599	17.9	18.4	6.6	6.8	17.6	18.2
Asian	45	51,829	24.6	23.8	8.1	7.6	23.9	22.9
Native Hawaiian/Other Pac. Isl.	0	1,332	.	19.7	.	7.2	.	19.5
Two or more races	27	27,722	21.3	21.6	7.5	7.0	21.0	20.8
Prefer not/No Response	95	55,549	25.0	21.3	7.9	7.0	24.0	20.5
Males	459	399,206	22.8	21.3	7.5	6.8	22.0	20.3
Females	820	503,699	23.7	21.8	7.9	7.3	23.1	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.

