

ACT High School Profile Report

The Graduating Class of 2008
Rhode Island



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Section I: Executive Summary	P. 5
Section II: Academic Achievement	P. 9
Section III: College Readiness & the Impact of Course Rigor	P. 15
Section IV: Career and Educational Aspirations	P. 23
Section V: Optional Writing Test Results	P. 27



This report provides information about the performance of your 2008 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 2008 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, the graduating class data for a school, district, state, and the nation 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, state, or the nation.

Further, 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.

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

26% of 2008 graduates 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. 1,251 ACT-tested graduates 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. 44% 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 4% of the cohort took less than three years of math courses. Of these students, 46% were college ready. 8% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 25% of these students were college ready. In comparison, 59% of the students who advanced beyond minimum core 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 6% of the cohort took less than three years of natural science courses. 25% of these students were college ready. In comparison, 33% 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 39% 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.

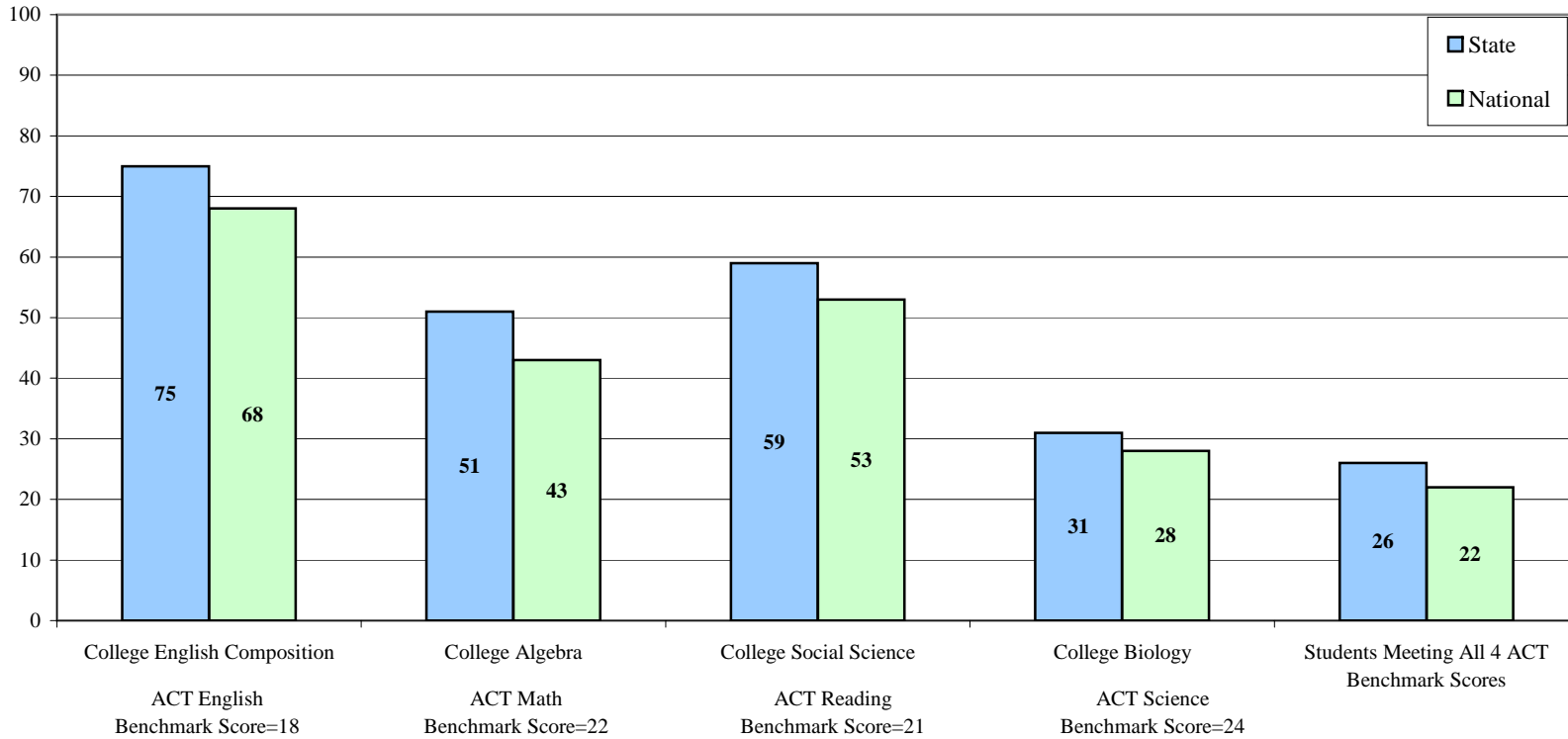
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 518-869-7378.

Section I

Executive Summary

Figure 1.1. Percent of ACT-Tested 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.

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

Grad 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
2004	712	1,171,460	74	68	47	40	60	52	32	26	27	21
2005	909	1,186,251	74	68	50	41	61	51	31	26	26	21
2006	920	1,206,455	73	69	45	42	54	53	27	27	23	21
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

Table 1.2. Five Year Trends—Average ACT Scores

Grad 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
2004	712	1,171,460	21.7	20.4	21.6	20.7	22.6	21.3	21.4	20.9	21.9	20.9
2005	909	1,186,251	21.4	20.4	21.7	20.7	22.6	21.3	21.3	20.9	21.9	20.9
2006	920	1,206,455	20.9	20.6	21.1	20.8	21.8	21.4	20.7	20.9	21.2	21.1
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2004	1,171,460	20.4	20.7	21.3	20.9	20.9
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
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

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

Grad Year	Number of Students Tested		Percent ¹		Average ACT Scores									
	Core or More	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
2004	263	295	37	41	22.4	21.9	22.0	22.0	23.3	22.9	21.9	21.8	22.5	22.3
2005	323	398	36	44	22.1	21.3	22.1	21.8	23.3	22.5	21.9	21.4	22.5	21.8
2006	287	357	31	39	22.2	22.0	22.3	22.2	23.1	22.8	21.9	21.7	22.5	22.3
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

¹Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five-Year Trends—Number, Percentage, and Average Composite Score for ACT-Tested Graduates by Race/Ethnicity

	2004			2005			2006			2007			2008		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	712	100	21.9	909	100	21.9	920	100	21.2	1,102	100	21.8	1,251	100	21.9
African American/Black	20	3	16.8	54	6	16.0	55	6	15.9	68	6	17.1	71	6	17.1
American Indian/Alaska Native	3	0	17.0	2	0	14.5	4	0	18.5	4	0	17.8	8	1	19.4
Caucasian American/White	506	71	22.3	627	69	22.6	539	59	22.3	642	58	22.8	830	66	22.6
Hispanic	26	4	15.4	48	5	16.8	85	9	15.9	80	7	16.8	85	7	15.9
Asian American/Pacific Islander	14	2	22.1	22	2	21.5	10	1	22.6	17	2	20.0	38	3	23.0
Other/No Response	143	20	22.5	156	17	22.6	227	25	22.0	291	26	22.4	219	18	22.9

Section II

Academic Achievement

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
36	4	100	5	100	14	100	1	100	0	100	36
35	22	100	12	100	10	99	6	100	3	100	35
34	12	98	10	99	21	98	4	99	3	100	34
33	14	97	22	98	28	96	8	99	10	100	33
32	24	96	13	96	34	94	5	98	14	99	32
31	38	94	20	95	45	91	12	98	24	98	31
30	32	91	33	93	58	88	22	97	31	96	30
29	48	88	35	91	52	83	22	95	58	93	29
28	33	84	61	88	55	79	37	94	59	89	28
27	44	82	57	83	39	75	34	91	60	84	27
26	62	78	69	79	47	72	53	88	69	79	26
25	81	73	75	73	41	68	96	84	66	74	25
24	58	67	88	67	63	65	85	76	65	68	24
23	78	62	76	60	99	59	75	69	101	63	23
22	100	56	61	54	60	52	106	63	92	55	22
21	103	48	67	49	69	47	95	55	92	48	21
20	78	40	54	44	81	41	121	47	78	40	20
19	52	34	64	39	76	35	133	37	69	34	19
18	54	29	83	34	43	29	84	27	93	29	18
17	58	25	105	28	50	25	56	20	65	21	17
16	46	20	90	19	48	21	34	16	56	16	16
15	50	17	67	12	58	17	33	13	39	11	15
14	36	13	51	7	50	13	32	10	36	8	14
13	24	10	18	3	43	9	22	8	32	5	13
12	26	8	10	1	32	5	32	6	19	3	12
11	20	6	2	1	15	3	14	3	9	1	11
10	21	4	2	1	10	2	19	2	4	1	10
9	10	3	0	1	4	1	7	1	4	1	9
8	12	2	1	1	3	1	3	1	0	1	8
7	7	1	0	1	1	1	0	1	0	1	7
6	3	1	0	1	2	1	0	1	0	1	6
5	1	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)	21.7 (6.2)		21.9 (5.5)		22.3 (6.4)		21.0 (4.9)		21.9 (5.2)		Avg (SD)

¹Note: CP is the cumulative percent of students at or below a score point. Also, shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

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

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	N	CP ¹	
18	61	100	12	100	48	100	50	100	76	100	15	100	17	100	18
17	65	95	36	99	67	96	91	96	72	94	17	99	5	99	17
16	88	90	66	96	78	91	141	89	78	88	25	97	75	98	16
15	60	83	98	91	75	85	99	77	87	82	58	95	49	92	15
14	81	78	82	83	78	79	91	70	110	75	126	91	150	88	14
13	109	72	119	76	116	72	50	62	118	66	128	81	114	76	13
12	100	63	166	67	85	63	115	58	122	57	106	71	117	67	12
11	125	55	150	54	110	56	126	49	102	47	164	62	105	58	11
10	145	45	165	42	144	47	113	39	126	39	215	49	221	49	10
9	98	33	90	29	108	36	89	30	69	29	167	32	102	32	9
8	69	25	84	21	137	27	75	23	111	23	83	18	109	24	8
7	82	20	79	15	55	16	59	17	87	14	41	12	72	15	7
6	67	13	28	8	77	12	66	12	49	7	35	8	49	9	6
5	46	8	32	6	32	6	52	7	20	4	47	6	20	5	5
4	29	4	29	4	19	3	25	3	14	2	10	2	16	4	4
3	20	2	11	1	13	2	4	1	7	1	10	1	24	2	3
2	2	1	3	1	7	1	5	1	2	1	2	1	3	1	2
1	4	1	1	1	2	1	0	1	1	1	2	1	3	1	1
Avg (SD)	11.1 (3.9)		11.1 (3.3)		11.1 (3.7)		11.7 (3.9)		11.7 (3.7)		10.8 (3.0)		10.8 (3.2)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values for All Students

Quartile	English	Math	Reading	Science	Composite
Q3 (75th Percentile)	26	26	28	24	26
Q2 (50th Percentile)	22	22	22	21	22
Q1 (25th Percentile)	17	17	17	18	18

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	1,251	44	22.3	22.7
	African Am./Black	71	38	17.2	18.9
	Am. Indian/Alaska Native	8	38	26.0	17.5
	Caucasian Am./White	830	49	22.6	22.8
	Hispanic	85	26	18.9	16.6
	Asian Am./Pacific Islander	38	39	23.9	24.7
	Other/No Response	219	37	23.0	24.3
National	All Students	1,421,941	61	22.0	19.5
	African Am./Black	178,417	58	17.7	16.0
	Am. Indian/Alaska Native	14,380	53	20.3	17.6
	Caucasian Am./White	895,588	64	22.9	20.4
	Hispanic	114,697	60	19.6	17.4
	Asian Am./Pacific Islander	51,368	71	23.4	21.4
	Other/No Response	167,491	52	22.5	20.1

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.7	21.9	22.3	21.0	21.9
	African Am./Black	16.0	17.4	17.6	16.8	17.1
	Am. Indian/Alaska Native	17.4	20.0	19.8	19.9	19.4
	Caucasian Am./White	22.6	22.4	23.1	21.8	22.6
	Hispanic	14.4	16.3	16.5	15.8	15.9
	Asian Am./Pacific Islander	22.6	24.4	22.4	22.1	23.0
	Other/No Response	23.0	23.0	23.5	21.5	22.9
National	All Students	20.6	21.0	21.4	20.8	21.1
	African Am./Black	16.1	17.0	17.0	17.2	16.9
	Am. Indian/Alaska Native	18.1	18.8	19.6	19.2	19.0
	Caucasian Am./White	21.7	21.8	22.5	21.7	22.1
	Hispanic	17.7	19.0	18.9	18.7	18.7
	Asian Am./Pacific Islander	22.1	24.1	22.4	22.3	22.9
	Other/No Response	21.2	21.7	22.1	21.2	21.7

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	52	4	49	4	73	6	19	2
	28 to 32	175	14	162	13	244	20	98	8
	24 to 27	245	20	289	23	190	15	268	21
	20 to 23	359	29	258	21	309	25	397	32
	16 to 19	210	17	342	27	217	17	307	25
	13 to 15	110	9	136	11	151	12	87	7
	01 to 12	100	8	15	1	67	5	75	6
National	33 to 36	52,735	4	40,359	3	63,798	4	26,499	2
	28 to 32	146,337	10	138,694	10	203,096	14	89,946	6
	24 to 27	237,950	17	283,854	20	231,039	16	281,932	20
	20 to 23	383,117	27	294,322	21	343,326	24	474,554	33
	16 to 19	293,110	21	466,291	33	312,300	22	359,785	25
	13 to 15	175,652	12	188,580	13	191,145	13	121,336	9
	01 to 12	133,040	9	9,841	1	77,237	5	67,889	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	458	37	20.9	22.8	22.1	21.3	21.9
	Females	753	60	22.1	21.3	22.4	20.8	21.8
	Missing	40	3	23.6	22.9	23.9	21.9	23.2
National	Males	625,887	44	20.1	21.6	21.2	21.3	21.2
	Females	764,282	54	21.0	20.4	21.5	20.4	21.0
	Missing	31,772	2	22.8	23.3	23.6	22.4	23.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Math	Reading	Science	
State	Males	69	56	56	33	29
	Females	78	47	59	29	24
National	Males	65	47	51	32	26
	Females	70	38	53	24	19

Table 2.9. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates by Overall High School Curriculum

Student Group	Curriculum Taken ²	N	English		Mathematics		Reading		Science		Composite ¹	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core	555	80	22.4	52	22.1	62	23.0	30	21.3	25	22.3
	Non-Core	506	81	22.6	59	22.8	62	22.9	36	21.8	31	22.7
	Missing	190	45	17.6	27	18.7	38	18.9	19	18.0	15	18.4
National	Core	873,743	75	21.6	50	21.9	59	22.3	33	21.6	27	22.0
	Non-Core	431,748	56	18.8	29	19.3	41	19.9	18	19.4	14	19.5
	Missing	116,450	62	19.9	42	20.8	48	20.8	27	20.3	23	20.6

¹% under Composite heading reflects the percent of students who meet all four benchmarks

²"Curriculum Taken" reflects overall high school curriculum.

For instance, "Core" results correspond to students taking four years of English AND three years each of math, social studies, and natural science.

Table 2.10. Number, College Readiness Benchmark Percent, and Average ACT Scores for ACT-Tested Graduates 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	1,006	80	22.4	1,027	56	22.5	603	62	22.9	991	33	21.6
	Non-Core	71	85	22.8	44	50	21.0	461	64	23.1	74	24	20.3
	Missing	174	42	17.2	180	24	18.3	187	37	18.8	186	19	18.0
National	Core	1,216,115	70	20.8	1,192,135	46	21.4	1,137,832	54	21.6	1,063,049	32	21.4
	Non-Core	111,558	57	18.8	124,104	14	17.4	183,026	45	20.4	253,561	13	18.7
	Missing	94,268	64	20.2	105,702	42	20.8	101,083	50	21.1	105,331	28	20.5

¹"Curriculum Taken" reflects content-specific curriculum.

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

Section III

College Readiness and the Impact of Course Rigor

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

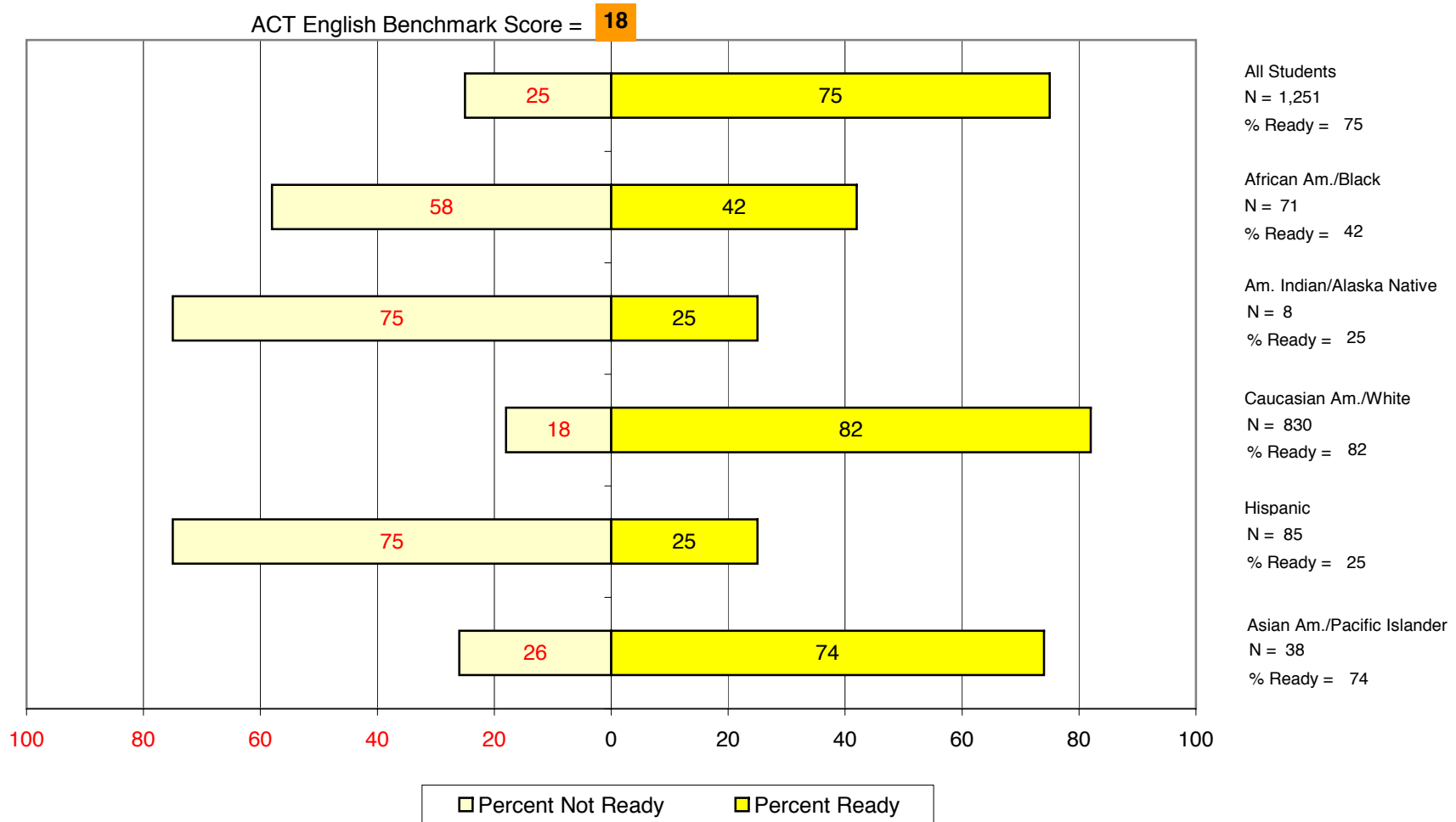


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

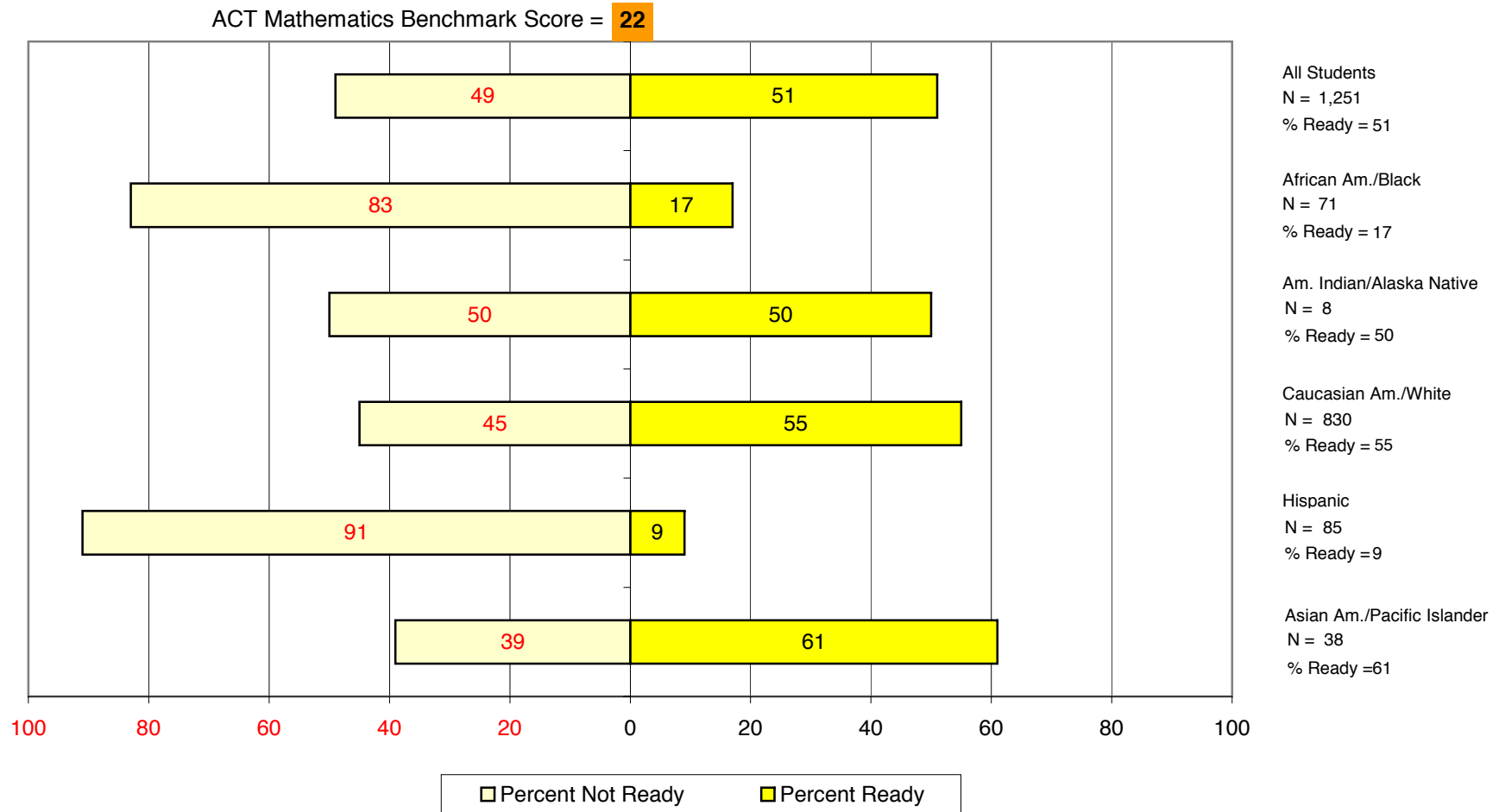


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

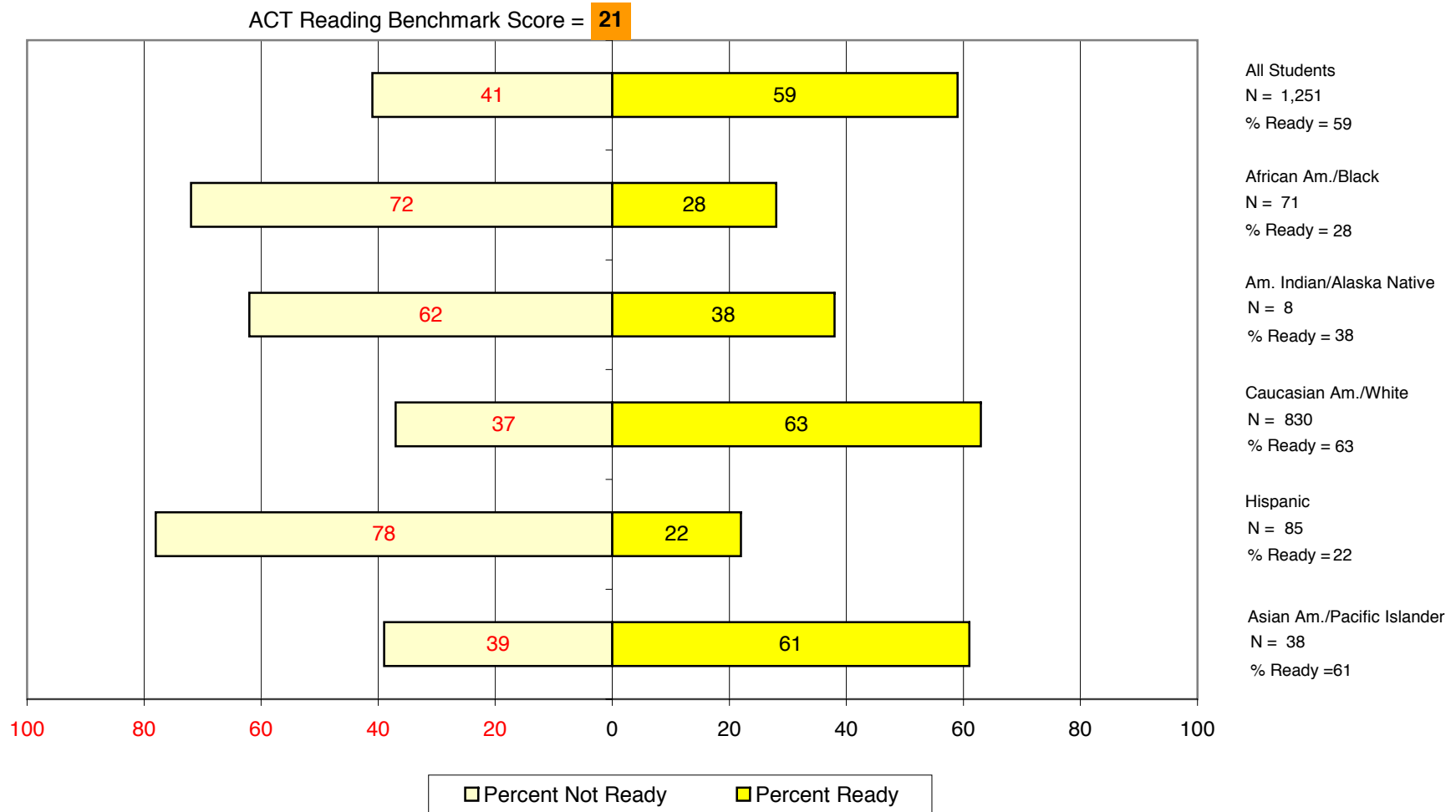


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

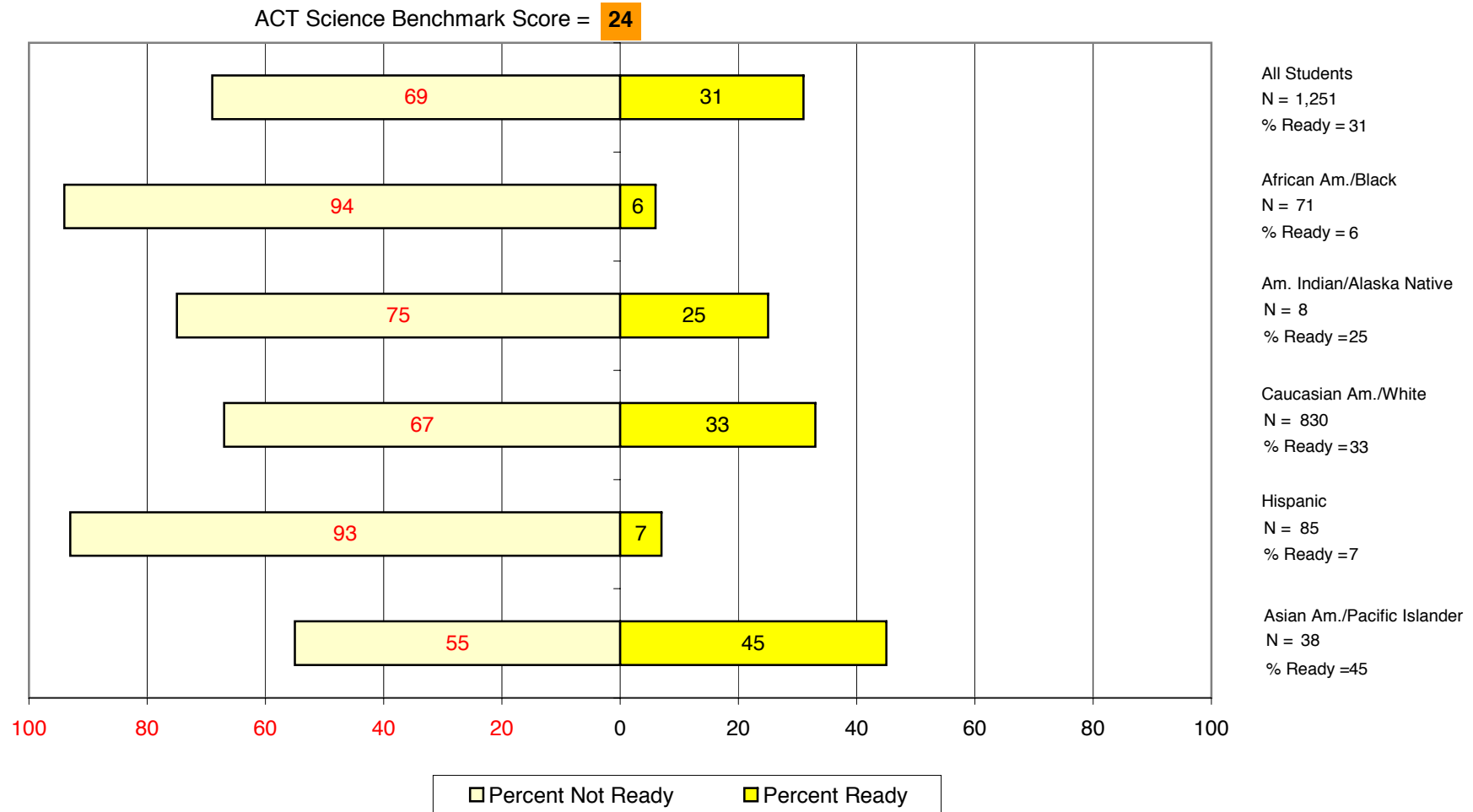


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

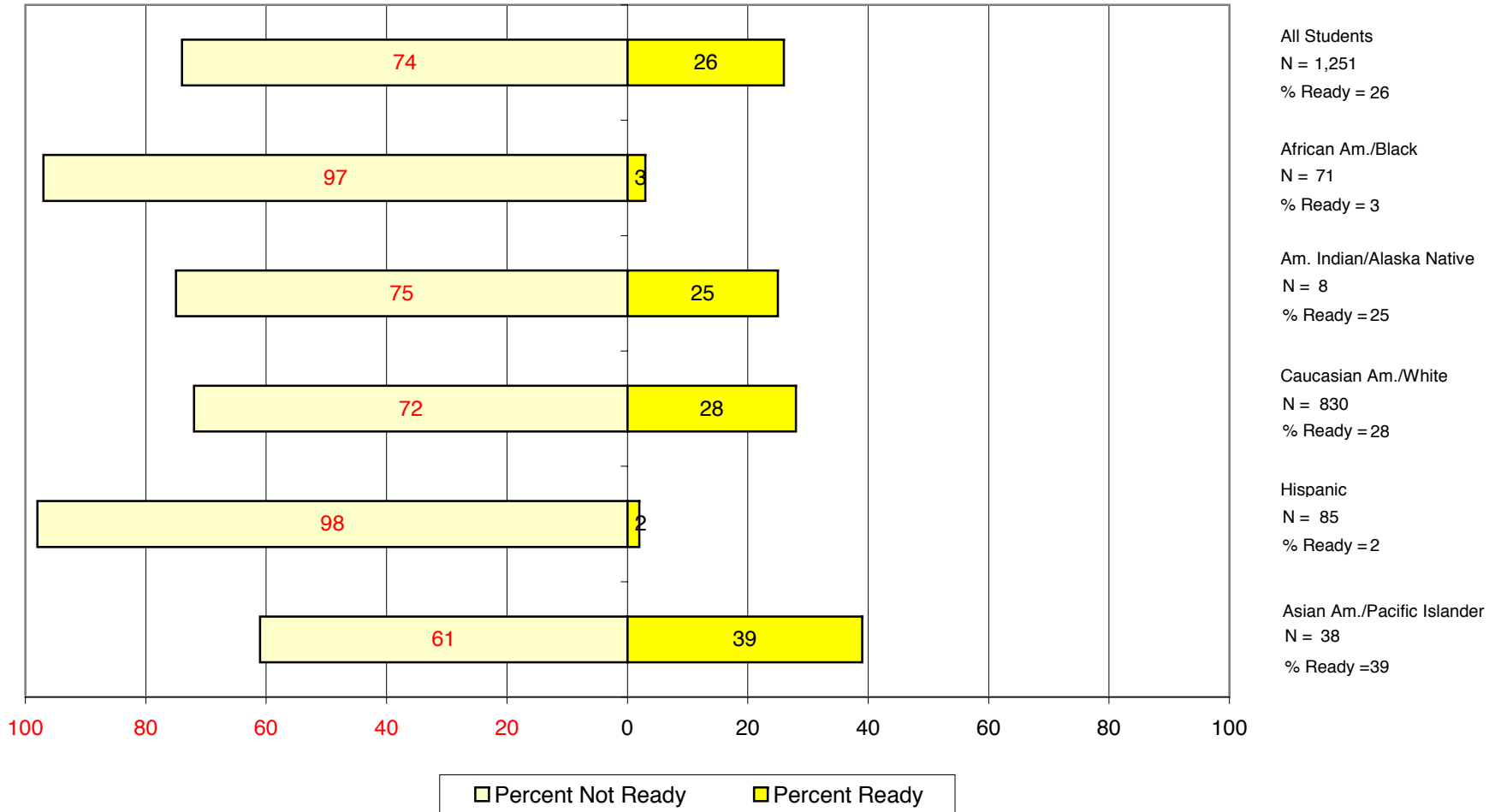


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	230	18	22.4	-0.2	78	17	21.9	0.1	146	19	22.7	-0.2
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	776	62	22.4	-0.2	278	61	21.9	0.1	480	64	22.7	-0.2
Less than 4 years of English	73	6	22.6	-	32	7	21.8	-	37	5	22.9	-
No English course/grade information reported	172	14	17.3	-	70	15	15.7	-	90	12	17.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	110	9	24.9	4.4	46	10	26.1	5.8	63	8	24.0	3.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	90	7	21.8	1.3	33	7	23.5	3.2	54	7	20.8	0.3
Alg 1, Alg 2, Geom, & Trig	44	4	20.6	0.1	17	4	20.4	0.1	25	3	20.0	-0.5
Alg 1, Alg 2, Geom, & Other Adv Math	205	16	20.0	-0.5	51	11	20.4	0.1	149	20	19.8	-0.7
Other comb of 4 or more years of Math	405	32	24.5	4.0	156	34	25.7	5.4	240	32	23.8	3.3
Alg 1, Alg 2, & Geom (Min. Core)	101	8	19.1	-1.4	38	8	20.6	0.3	59	8	18.2	-2.3
Other comb of 3 or 3.5 years of Math	72	6	21.9	1.4	31	7	22.0	1.7	39	5	22.0	1.5
Less than 3 years of Math	48	4	20.5	-	15	3	20.3	-	32	4	20.5	-
No Math course/grade information reported	176	14	18.4	-	71	16	18.3	-	92	12	18.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	57	5	24.2	1.2	31	7	24.2	1.1	26	3	24.3	1.3
Other comb of 4 or more years Social Science	219	18	22.5	-0.5	79	17	22.8	-0.3	135	18	22.3	-0.7
US Hist, World Hist, & Am Gov (Min. Core)	55	4	23.0	0.0	21	5	21.9	-1.2	32	4	23.3	0.3
Other comb of 3 or 3.5 years of Social Science	272	22	22.9	-0.1	101	22	22.6	-0.5	162	22	23.0	0.0
Less than 3 years of Social Science	470	38	23.0	-	153	33	23.1	-	307	41	23.0	-
No Soc Sci course/grade information reported	178	14	18.6	-	73	16	17.7	-	91	12	18.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	579	46	21.9	1.5	219	48	22.5	1.9	344	46	21.6	1.2
Bio, Chem, Phys	172	14	22.3	1.9	67	15	22.9	2.3	103	14	21.8	1.4
Gen Sci ² , Bio, Chem (Min. Core)	229	18	20.5	0.1	70	15	20.6	0.0	154	20	20.4	0.0
Other comb of 3 years of Natural Science	11	1	19.5	-0.9	4	1	17.3	-3.3	6	1	22.5	2.1
Less than 3 years of Natural Science	81	6	20.4	-	25	5	20.6	-	54	7	20.4	-
No Nat Sci course/grade information reported	179	14	17.9	-	73	16	17.1	-	92	12	17.8	-

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes General, Physical and Earth Sciences.

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	230	18	22.4	79	266,394	19	21.8	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	776	62	22.4	80	949,721	67	20.5	68
Less than 4 years of English	73	6	22.6	82	112,496	8	18.8	56
No English course/grade information reported	172	14	17.3	42	93,330	7	20.2	64
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	110	9	24.9	77	91,985	6	24.8	74
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	90	7	21.8	56	113,879	8	22.3	57
Alg 1, Alg 2, Geom, & Trig	44	4	20.6	41	116,105	8	20.4	38
Alg 1, Alg 2, Geom, & Other Adv Math	205	16	20.0	34	204,909	14	20.4	38
Other comb of 4 or more years of Math	405	32	24.5	72	342,493	24	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	101	8	19.1	25	251,813	18	17.8	14
Other comb of 3 or 3.5 years of Math	72	6	21.9	46	70,951	5	20.8	41
Less than 3 years of Math	48	4	20.5	46	131,252	9	17.4	14
No Math course/grade information reported	176	14	18.4	25	98,554	7	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	57	5	24.2	67	42,546	3	22.7	61
Other comb of 4 or more years Social Science	219	18	22.5	60	604,055	42	21.9	56
US Hist, World Hist, & Am Gov (Min. Core)	55	4	23.0	60	86,500	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	272	22	22.9	62	404,731	28	21.3	52
Less than 3 years of Social Science	470	38	23.0	64	185,561	13	20.4	45
No Soc Sci course/grade information reported	178	14	18.6	36	98,548	7	21.1	50
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	579	46	21.9	36	453,654	32	22.2	38
Bio, Chem, Phys	172	14	22.3	39	134,033	9	23.2	47
Gen Sci ¹ , Bio, Chem (Min. Core)	229	18	20.5	22	435,183	31	20.1	20
Other comb of 3 years of Natural Science	11	1	19.5	36	40,179	3	20.1	22
Less than 3 years of Natural Science	81	6	20.4	25	259,142	18	18.7	13
No Nat Sci course/grade information reported	179	14	17.9	19	99,750	7	20.6	29

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	4	0	18.5	0	0	.	4	0	18.5
Architecture & Environmental Design	17	1	22.7	0	0	.	17	2	22.7
Business & Management	119	10	22.0	0	0	.	105	11	21.8
Business & Office	4	0	19.8	0	0	.	4	0	19.8
Marketing & Distribution	8	1	19.9	0	0	.	7	1	19.1
Communications & Comm. Technologies	44	4	22.2	0	0	.	41	4	22.1
Community & Personal Services	12	1	18.9	1	17	15.0	11	1	19.3
Computer & Information Sciences	7	1	21.9	0	0	.	7	1	21.9
Cross-Disciplinary Studies	6	0	25.0	0	0	.	6	1	25.0
Education	65	5	20.3	0	0	.	58	6	20.7
Teacher Education	28	2	19.9	0	0	.	26	3	19.8
Engineering	47	4	25.0	0	0	.	42	4	24.9
Engineering-Related Technologies	21	2	22.7	0	0	.	20	2	22.7
Foreign Languages	6	0	25.3	0	0	.	5	1	26.2
Health Sciences & Allied Health Fields	157	13	22.1	2	33	15.0	145	15	22.3
Human, Family & Consumer Science	8	1	17.1	0	0	.	8	1	17.1
Letters	11	1	25.6	0	0	.	11	1	25.6
Mathematics	7	1	23.0	0	0	.	7	1	23.0
Philosophy, Religion & Theology	6	0	25.2	0	0	.	6	1	25.2
Sciences (Biological & Physical)	90	7	24.5	0	0	.	86	9	24.6
Social Sciences	92	7	23.7	0	0	.	85	9	23.8
Trade & Industrial	0	0	.	0	0	.	0	0	.
Visual & Performing Arts	49	4	21.7	0	0	.	45	5	21.7
Undecided	197	16	22.1	2	33	16.5	161	17	22.6
No Response	246	20	19.7	1	17	14.0	64	7	22.9

¹2-Year and 4-Year N's do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N for *All Students*.

²Percent of students tested.

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

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African-Am./ Black		Am. Indian/ Alaska Native		Caucasian-Am./ White		Hispanic		Asian-Am./ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	0	.	0	.	0	.	0	.	0	.	0	.	0	.
2-yr College Degree	6	15.3	2	16.5	0	.	2	14.5	2	15.0	0	.	0	.
Bachelors Degree	318	20.3	12	15.2	0	.	251	20.5	14	15.6	8	22.1	33	22.1
Graduate Study	290	22.9	6	18.8	2	24.5	235	22.9	8	20.4	5	25.2	34	23.6
Prof. Level Degree	363	24.3	20	21.5	3	21.3	254	24.5	13	19.6	17	25.2	56	25.2
Other	10	17.2	2	14.0	0	.	4	20.8	3	15.7	0	.	1	14.0
No Response	264	19.6	29	14.8	3	14.0	84	22.3	45	14.1	8	17.6	95	21.7

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	274	91	183	2	8	28	38	14	11	0
RHODE ISLAND COLLEGE	Rhode Island	103	29	74	5	19	35	33	6	2	0
NORTHEASTERN UNIVERSITY	Massachusetts	69	18	51	0	4	20	43	22	10	0
UNIVERSITY OF CONNECTICUT	Connecticut	58	10	48	0	7	12	43	29	9	0
PROVIDENCE COLLEGE	Rhode Island	54	6	48	7	17	15	37	13	11	0
BOSTON UNIVERSITY	Massachusetts	52	14	38	0	2	6	42	37	13	0
BROWN UNIVERSITY	Rhode Island	44	19	25	0	0	14	30	23	32	2
QUINNIPIAC UNIVERSITY	Connecticut	43	11	32	2	5	16	56	19	2	0
SALVE REGINA UNIVERSITY	Rhode Island	42	14	28	0	10	31	43	10	7	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	35	8	27	3	11	20	46	9	11	0
BRYANT UNIVERSITY	Rhode Island	34	11	23	3	15	35	29	12	6	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	29	2	27	0	3	28	52	17	0	0
JOHNSON AND WALES UNIVERSITY-PROVIDENCE	Rhode Island	26	6	20	0	31	50	19	0	0	0
COMMUNITY COLLEGE OF RHODE ISLAND	Rhode Island	25	5	20	4	36	44	12	4	0	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	25	4	21	0	0	20	44	24	12	0
UNIVERSITY OF VERMONT	Vermont	25	8	17	0	4	12	28	32	24	0
BOSTON COLLEGE	Massachusetts	24	6	18	0	0	8	25	42	25	0
TUFTS UNIVERSITY	Massachusetts	21	7	14	0	0	0	19	29	48	5
NEW YORK UNIVERSITY	New York	20	9	11	0	15	15	35	20	15	0
ENDICOTT COLLEGE	Massachusetts	19	7	12	5	0	37	53	5	0	0
FORDHAM UNIVERSITY	New York	19	4	15	0	5	0	37	53	5	0
MASSACHUSETTS COLL PHARM/HLTH SCIENCES	Massachusetts	18	4	14	0	0	22	56	17	6	0
NCAA ELIGIBILITY CENTER	Indiana	17	8	9	0	6	29	47	6	12	0
SACRED HEART UNIVERSITY	Connecticut	16	3	13	6	0	25	50	19	0	0
STONEHILL COLLEGE	Massachusetts	15	3	12	0	0	7	53	20	20	0
UNIVERSITY OF HARTFORD	Connecticut	14	2	12	0	0	29	50	14	7	0
UNIVERSITY OF NEW HAVEN	Connecticut	14	6	8	0	14	36	29	14	7	0
HOFSTRA UNIVERSITY	New York	13	0	13	0	15	15	46	15	8	0
KEENE STATE COLLEGE	New Hampshire	13	1	12	0	8	38	54	0	0	0
RHODE ISLAND SCHOOL OF DESIGN	Rhode Island	13	5	8	0	15	23	23	23	15	0
All Other Institutions		1,063	280	783	1	5	21	29	25	17	2
Total		2,237	601	1,636	1	7	22	34	21	14	1

Section V

Optional Writing Test Results

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	1,010	770,529	22.1	21.4	8.1	7.3	22.1	20.9
African Am./Black	65	86,049	15.8	16.6	6.8	6.5	16.4	16.6
Am. Indian/Alaska Native	6	5,148	19.5	18.9	6.7	6.7	18.8	18.5
Caucasian Am./White	640	464,177	23.3	22.5	8.4	7.4	23.3	21.8
Hispanic	76	71,060	14.4	18.3	6.6	7.1	15.1	18.5
Asian Am./Pacific Islander	35	37,359	22.9	23.1	8.3	7.9	23.0	22.6
Other/No Response	188	106,736	23.3	22.2	8.1	7.5	23.0	21.7
Males	349	327,613	21.5	20.9	7.7	7.0	21.3	20.2
Females	632	421,968	22.4	21.7	8.3	7.6	22.5	21.3
Missing	29	20,948	23.5	23.9	8.1	7.9	23.2	23.2

