

ACT High School Profile Report

The Graduating Class of 2007
Rhode Island



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This report provides information about the performance of your 2007 graduating seniors who took the ACT as sophomores, juniors, or seniors.

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 2007 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. 1,102 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. 29% 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 8% of the cohort took less than three years of math courses. Of these students, 39% were college ready. 7% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 22% of these students were college ready. In comparison, 64% 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 9% of the cohort took less than three years of natural science courses. 22% of these students were college ready. In comparison, 38% 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 40% 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.

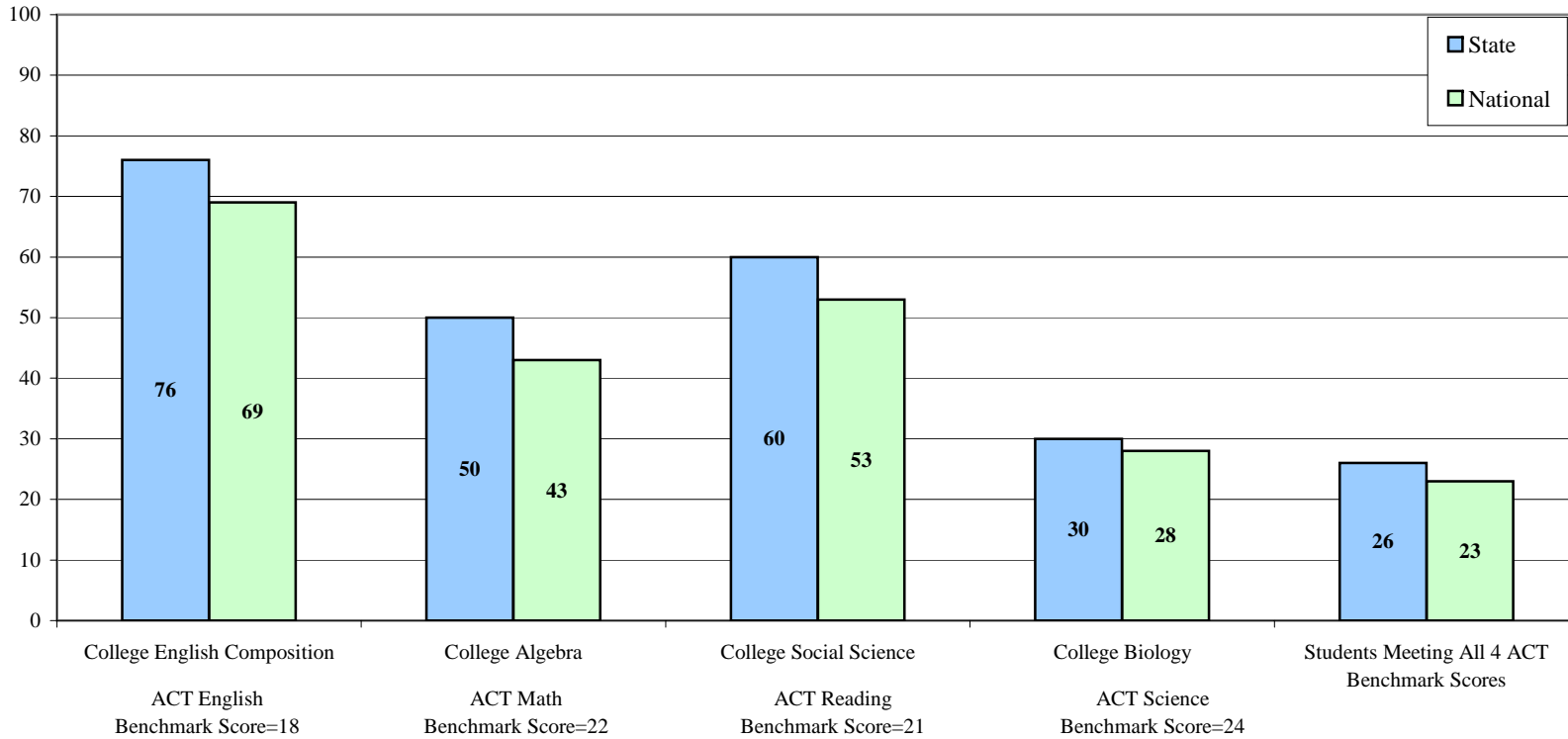
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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
2003	586	1,175,059	76	67	49	40	62	52	28	26	23	20
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

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
2003	586	1,175,059	21.4	20.3	21.4	20.6	22.6	21.2	21.1	20.8	21.7	20.8
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Grad Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2003	1,175,059	20.3	20.6	21.2	20.8	20.8
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

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
2003	205	255	35	44	22.3	21.8	21.9	22.0	23.7	22.7	22.2	21.2	22.7	22.0
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

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

	2003			2004			2005			2006			2007		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	586	100	21.7	712	100	21.9	909	100	21.9	920	100	21.2	1,102	100	21.8
African American/Black	22	4	18.2	20	3	16.8	54	6	16.0	55	6	15.9	68	6	17.1
American Indian/Alaska Native	4	1	23.3	3	0	17.0	2	0	14.5	4	0	18.5	4	0	17.8
Caucasian American/White	424	72	22.4	506	71	22.3	627	69	22.6	539	59	22.3	642	58	22.8
Hispanic	19	3	14.1	26	4	15.4	48	5	16.8	85	9	15.9	80	7	16.8
Asian American/Pacific Islander	14	2	20.6	14	2	22.1	22	2	21.5	10	1	22.6	17	2	20.0
Other/No Response	103	18	21.4	143	20	22.5	156	17	22.6	227	25	22.0	291	26	22.4

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	0	100	4	100	6	100	3	100	0	100	36
35	6	100	6	100	11	99	7	100	0	100	35
34	15	99	4	99	18	98	2	99	3	100	34
33	17	98	10	99	35	97	8	99	10	100	33
32	19	97	20	98	33	94	12	98	12	99	32
31	25	95	13	96	41	91	5	97	18	98	31
30	29	93	20	95	32	87	19	97	31	96	30
29	33	90	46	93	37	84	15	95	34	93	29
28	42	87	31	89	49	81	24	94	41	90	28
27	32	83	54	86	51	76	31	91	65	86	27
26	64	80	67	81	52	72	53	89	65	81	26
25	87	74	61	75	51	67	56	84	64	75	25
24	60	67	75	70	56	62	99	79	66	69	24
23	56	61	72	63	74	57	79	70	89	63	23
22	96	56	70	56	62	50	113	63	92	55	22
21	79	47	54	50	57	45	83	52	78	46	21
20	80	40	56	45	86	40	114	45	80	39	20
19	60	33	54	40	43	32	92	34	55	32	19
18	42	27	52	35	37	28	80	26	67	27	18
17	28	24	85	30	51	25	52	19	55	21	17
16	54	21	93	23	45	20	31	14	47	16	16
15	41	16	82	14	46	16	33	11	36	12	15
14	27	12	43	7	31	12	24	8	33	9	14
13	16	10	22	3	34	9	14	6	31	6	13
12	22	9	4	1	39	6	20	5	20	3	12
11	23	7	2	1	13	2	8	3	7	1	11
10	14	4	0	1	4	1	17	2	1	1	10
9	14	3	0	1	4	1	4	1	1	1	9
8	13	2	1	1	1	1	3	1	0	1	8
7	5	1	0	1	0	1	1	1	1	1	7
6	2	1	0	1	3	1	0	1	0	1	6
5	1	1	0	1	0	1	0	1	0	1	5
4	0	1	1	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)	21.6 (6.0)		21.5 (5.3)		22.5 (6.3)		21.2 (4.8)		21.8 (5.0)		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	25	100	7	100	22	100	44	100	46	100	7	100	12	100	18
17	78	98	13	99	69	98	81	96	52	96	16	99	10	99	17
16	56	91	53	98	85	92	94	89	74	91	29	98	20	98	16
15	51	86	85	93	67	84	119	80	78	84	59	95	74	96	15
14	106	81	104	86	64	78	94	69	129	77	80	90	86	89	14
13	81	71	101	76	68	72	99	61	96	66	138	83	127	82	13
12	117	64	141	67	139	66	104	52	94	57	108	70	115	70	12
11	90	53	167	54	117	53	74	42	72	48	111	60	144	60	11
10	128	45	101	39	99	43	76	36	118	42	165	50	149	47	10
9	82	34	99	30	84	34	70	29	59	31	120	35	122	33	9
8	84	26	90	21	121	26	58	22	75	26	103	24	60	22	8
7	52	19	54	13	56	15	47	17	107	19	65	15	76	17	7
6	49	14	29	8	53	10	59	13	67	9	47	9	40	10	6
5	37	9	32	5	22	5	37	8	16	3	30	5	20	6	5
4	31	6	19	2	22	3	38	4	10	2	5	2	28	4	4
3	25	3	3	1	11	1	5	1	5	1	19	2	7	2	3
2	8	1	3	1	2	1	3	1	2	1	0	1	8	1	2
1	2	1	1	1	1	1	0	1	2	1	0	1	4	1	1
Avg (SD)	11.0 (3.8)		11.1 (3.1)		11.2 (3.6)		11.8 (3.9)		11.5 (3.7)		10.6 (3.0)		10.6 (3.1)		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	25	27	24	26
Q2 (50th Percentile)	22	22	22	21	22
Q1 (25th Percentile)	18	17	18	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	1,102	29	23.2	22.7
	African Am./Black	68	6	21.3	20.9
	Am. Indian/Alaska Native	4	25	25.0	19.0
	Caucasian Am./White	642	35	23.2	22.9
	Hispanic	80	11	20.2	18.1
	Asian Am./Pacific Islander	17	6	16.0	21.8
	Other/No Response	291	29	23.5	23.0
National	All Students	1,300,599	51	22.0	19.8
	African Am./Black	152,412	51	17.7	16.1
	Am. Indian/Alaska Native	14,044	46	20.3	17.6
	Caucasian Am./White	779,147	54	23.0	20.7
	Hispanic	93,137	50	19.5	17.7
	Asian Am./Pacific Islander	42,257	57	23.1	21.4
	Other/No Response	219,602	38	22.5	20.4

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.6	21.5	22.5	21.2	21.8
	African Am./Black	16.2	17.1	17.3	17.4	17.1
	Am. Indian/Alaska Native	17.0	18.0	17.3	18.3	17.8
	Caucasian Am./White	22.7	22.3	23.5	22.0	22.8
	Hispanic	15.5	16.7	17.4	17.1	16.8
	Asian Am./Pacific Islander	19.9	20.9	19.0	19.5	20.0
	Other/No Response	22.4	22.2	23.2	21.5	22.4
National	All Students	20.7	21.0	21.5	21.0	21.2
	African Am./Black	16.1	17.0	17.1	17.2	17.0
	Am. Indian/Alaska Native	17.9	18.7	19.4	19.2	18.9
	Caucasian Am./White	21.8	21.7	22.5	21.9	22.1
	Hispanic	17.6	19.0	18.8	18.8	18.7
	Asian Am./Pacific Islander	21.7	23.6	22.1	22.3	22.6
	Other/No Response	21.2	21.5	22.0	21.3	21.6

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	38	3	24	2	70	6	20	2
	28 to 32	148	13	130	12	192	17	75	7
	24 to 27	243	22	257	23	210	19	239	22
	20 to 23	311	28	252	23	279	25	389	35
	16 to 19	184	17	284	26	176	16	255	23
	13 to 15	84	8	147	13	111	10	71	6
	01 to 12	94	9	8	1	64	6	53	5
National	33 to 36	44,569	3	29,067	2	58,782	5	26,450	2
	28 to 32	133,320	10	120,951	9	183,189	14	80,170	6
	24 to 27	228,570	18	268,298	21	224,580	17	258,834	20
	20 to 23	348,772	27	284,073	22	317,869	24	458,484	35
	16 to 19	278,059	21	427,859	33	281,941	22	319,915	25
	13 to 15	154,534	12	161,072	12	159,904	12	95,630	7
	01 to 12	112,775	9	9,279	1	74,334	6	61,116	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Math	Reading	Science	Composite
State	Males	406	37	20.9	22.2	22.0	21.5	21.8
	Females	586	53	22.1	20.9	22.8	21.0	21.8
	Missing	110	10	22.1	22.4	22.7	21.2	22.2
National	Males	544,522	42	20.2	21.6	21.2	21.4	21.2
	Females	674,636	52	21.0	20.4	21.6	20.5	21.0
	Missing	81,441	6	21.7	21.9	22.4	21.7	22.1

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	73	56	58	35	29
	Females	78	46	62	27	24
National	Males	66	47	51	32	26
	Females	71	38	53	24	20

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

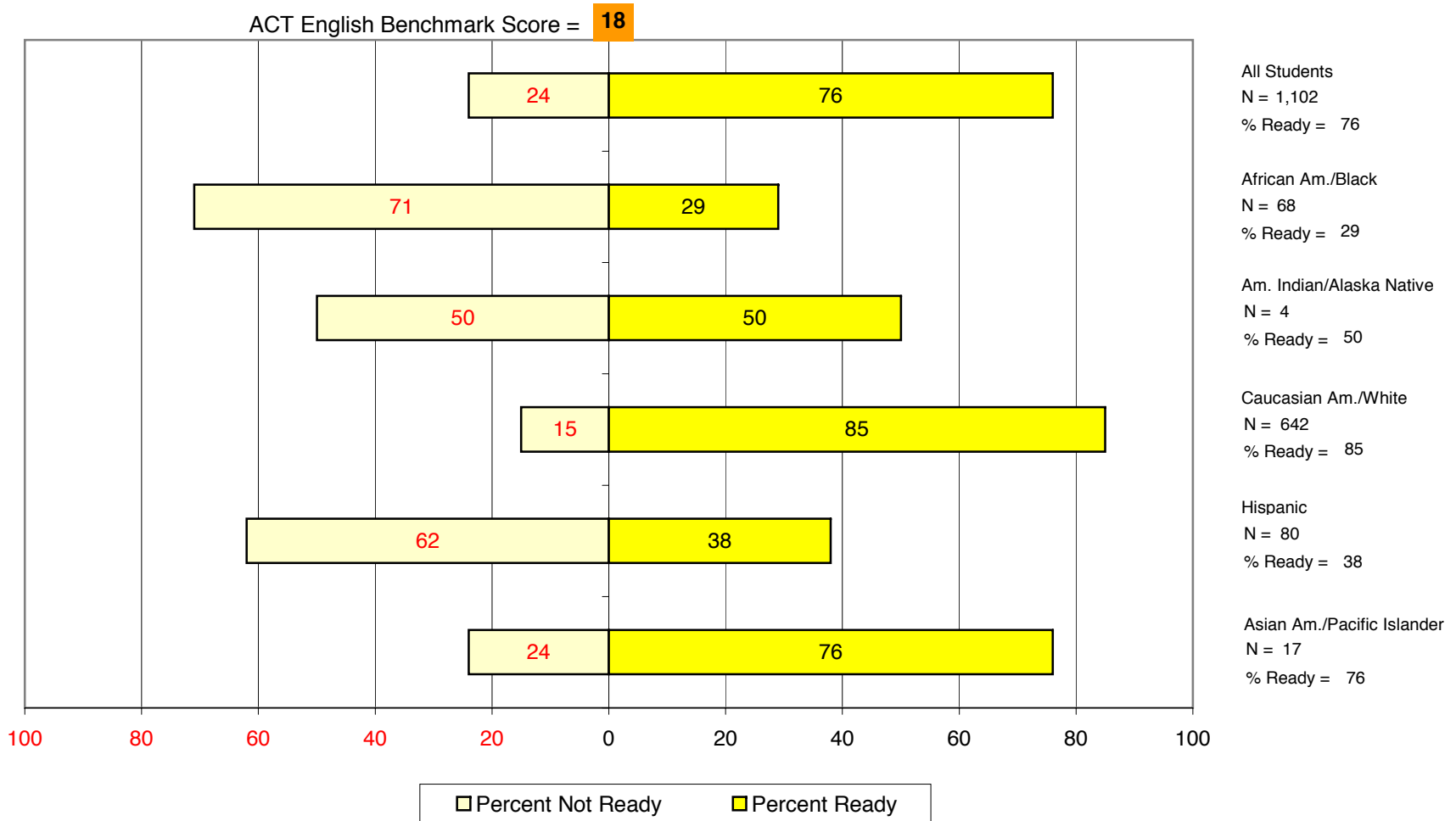


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

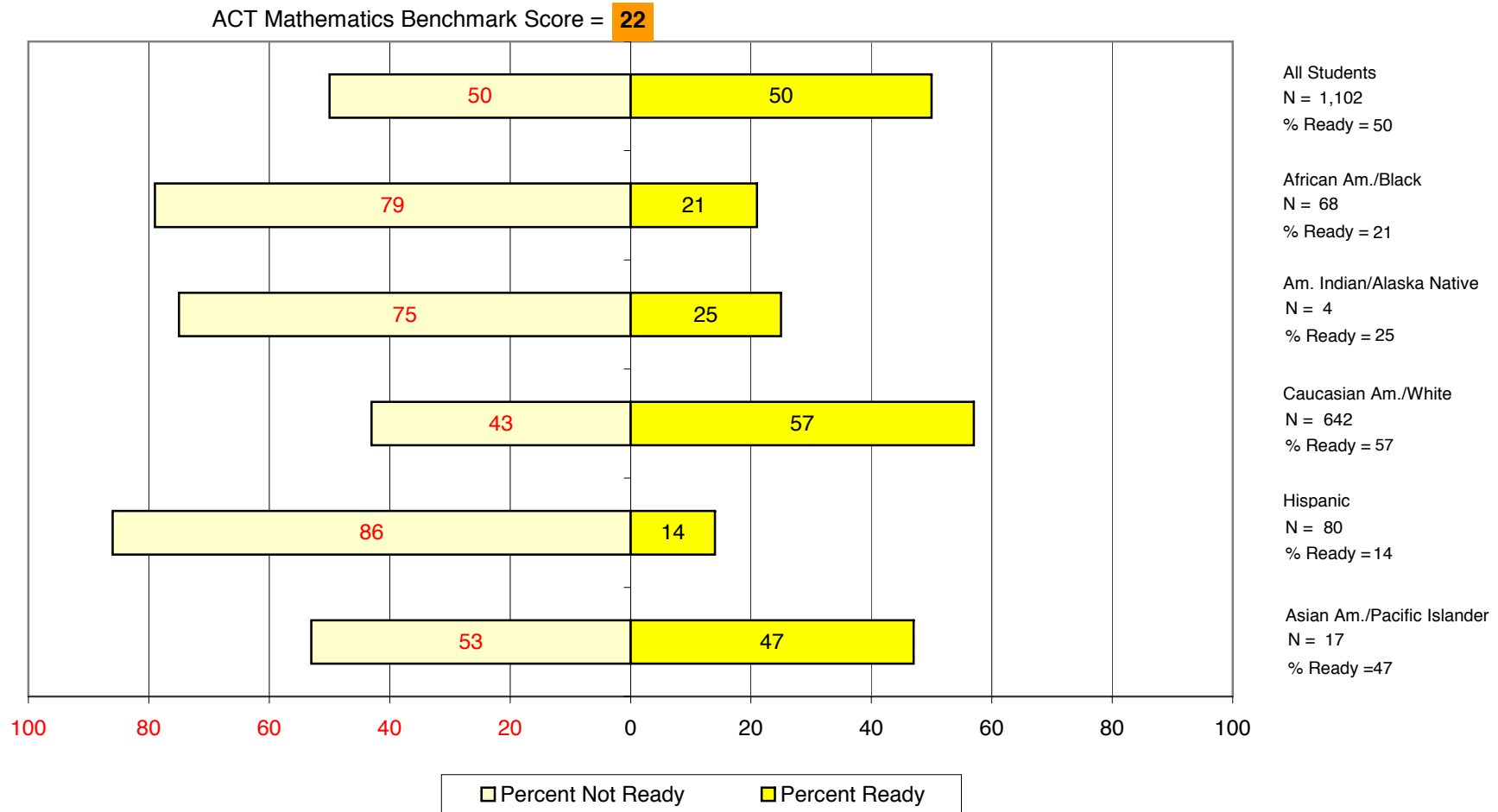


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

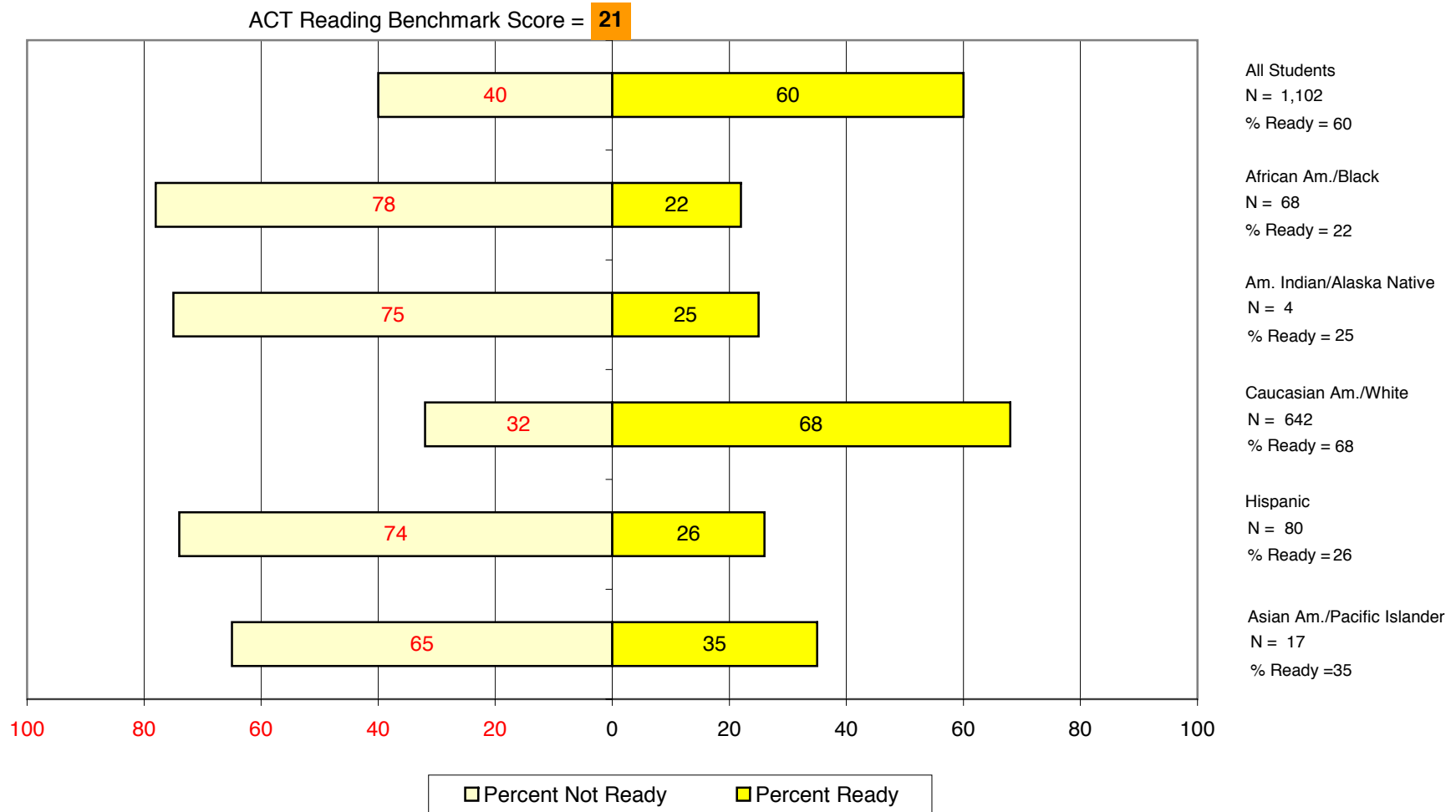


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

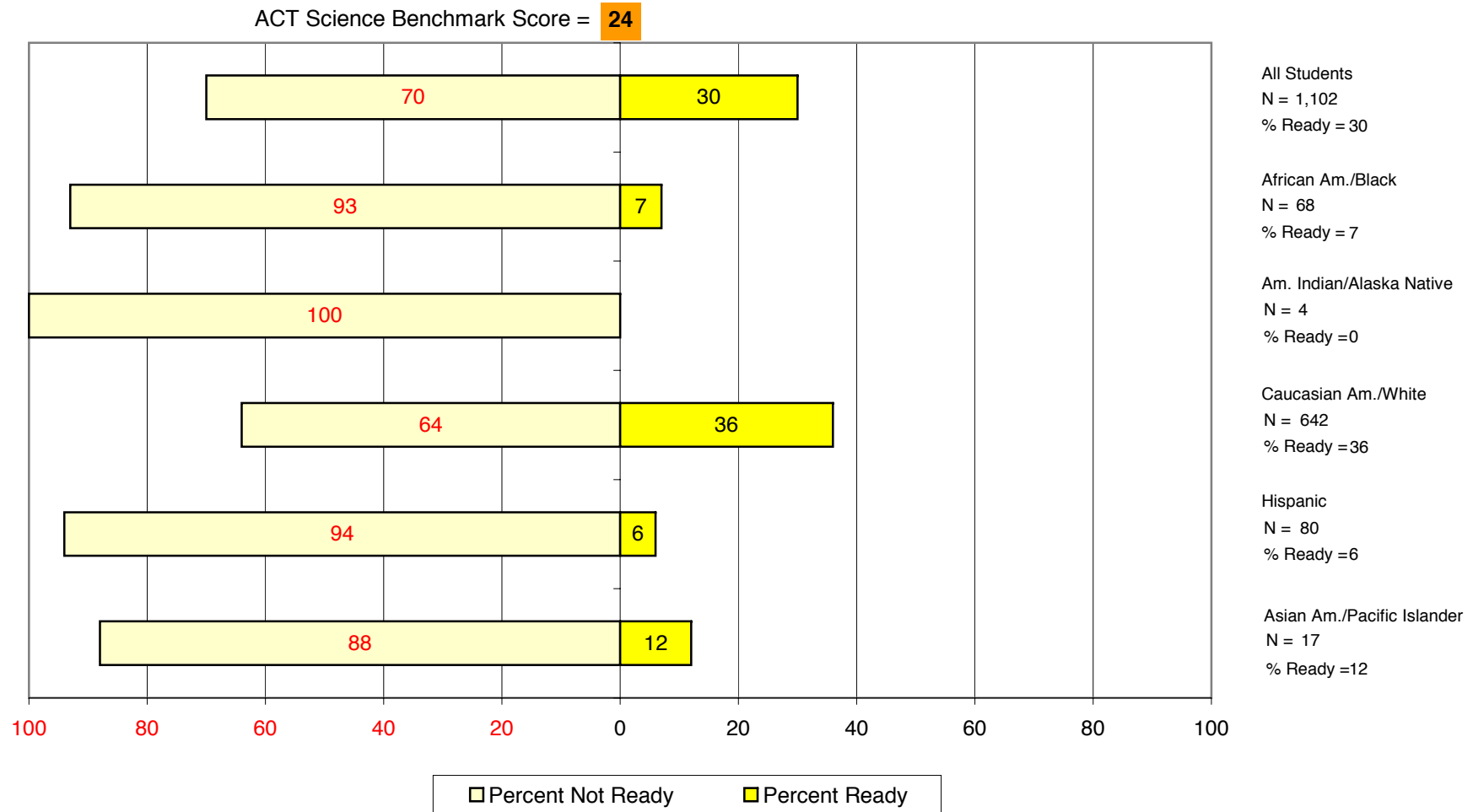


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

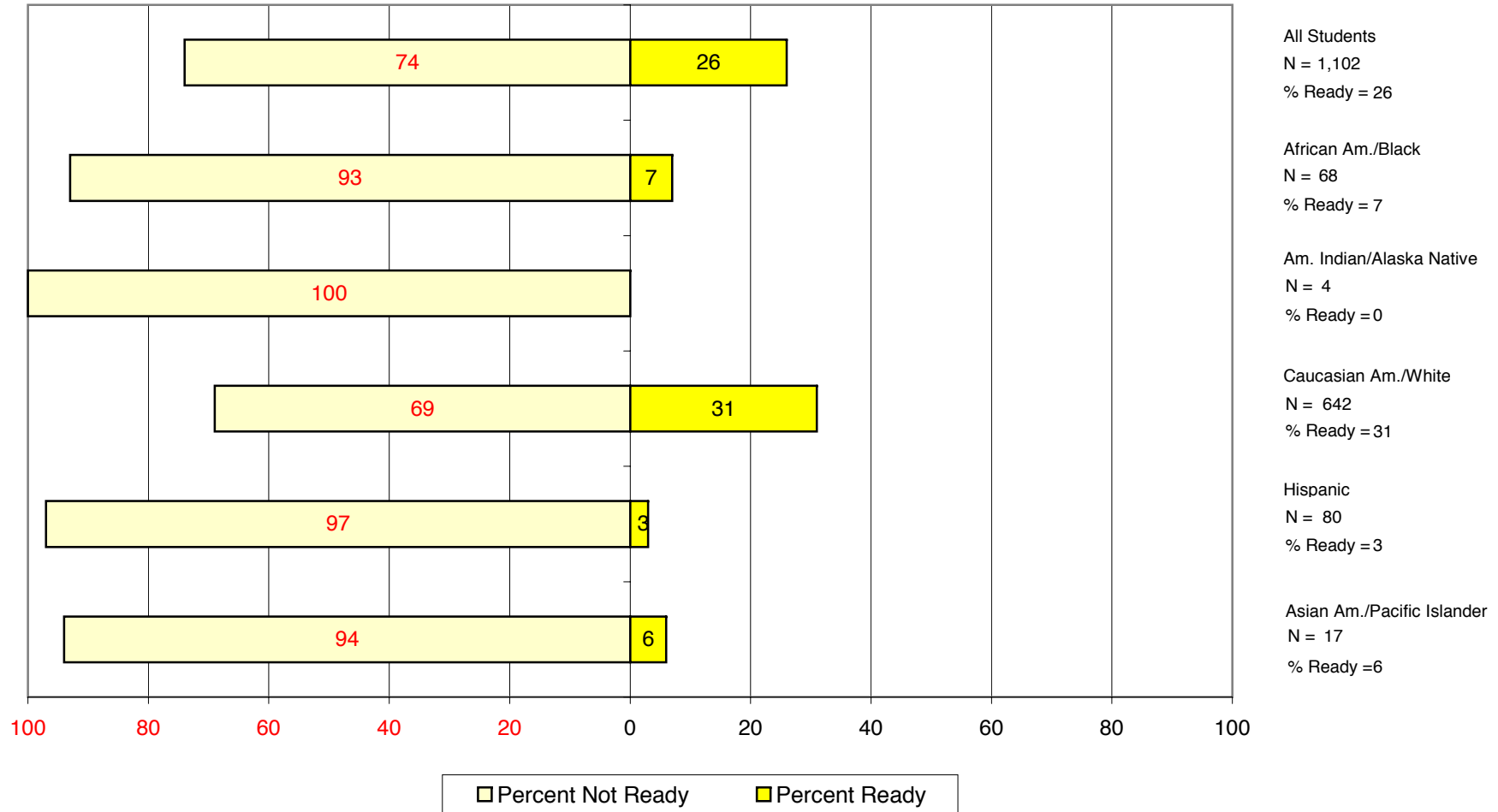


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	127	12	23.9	2.1	43	11	22.4	1.4	75	13	25.0	2.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	525	48	22.8	1.0	202	50	22.6	1.6	275	47	23.2	0.6
Less than 4 years of English	113	10	21.8	-	38	9	21.0	-	65	11	22.6	-
No English course/grade information reported	337	31	18.9	-	123	30	17.6	-	171	29	18.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	73	7	25.8	5.3	28	7	27.3	5.3	40	7	24.2	4.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	77	7	23.6	3.1	31	8	24.2	2.2	38	6	23.1	3.6
Alg 1, Alg 2, Geom, & Trig	47	4	20.4	-0.1	15	4	21.0	-1.0	30	5	19.9	0.4
Alg 1, Alg 2, Geom, & Other Adv Math	118	11	20.2	-0.3	40	10	21.1	-0.9	68	12	19.8	0.3
Other comb of 4 or more years of Math	222	20	24.9	4.4	89	22	25.5	3.5	112	19	24.7	5.2
Alg 1, Alg 2, & Geom (Min. Core)	73	7	18.3	-2.2	26	6	18.4	-3.6	38	6	18.5	-1.0
Other comb of 3 or 3.5 years of Math	58	5	23.1	2.6	18	4	23.3	1.3	32	5	23.0	3.5
Less than 3 years of Math	87	8	20.5	-	32	8	22.0	-	51	9	19.5	-
No Math course/grade information reported	347	31	19.3	-	127	31	19.6	-	177	30	18.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	28	3	23.5	-0.3	15	4	22.0	-1.5	10	2	24.2	0.0
Other comb of 4 or more years Social Science	113	10	23.0	-0.8	41	10	23.8	0.3	62	11	22.9	-1.3
US Hist, World Hist, & Am Gov (Min. Core)	38	3	22.6	-1.2	21	5	22.9	-0.6	14	2	22.5	-1.7
Other comb of 3 or 3.5 years of Social Science	218	20	23.9	0.1	74	18	23.7	0.2	127	22	24.1	-0.1
Less than 3 years of Social Science	347	31	23.8	-	122	30	23.5	-	193	33	24.2	-
No Soc Sci course/grade information reported	358	32	20.1	-	133	33	19.1	-	180	31	20.1	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	315	29	22.9	3.0	120	30	23.5	3.2	166	28	22.4	2.6
Bio, Chem, Phys	126	11	24.0	4.1	54	13	24.4	4.1	65	11	23.5	3.7
Gen Sci ² , Bio, Chem (Min. Core)	180	16	20.7	0.8	57	14	20.9	0.6	105	18	21.0	1.2
Other comb of 3 years of Natural Science	10	1	21.6	1.7	2	0	25.0	4.7	8	1	20.8	1.0
Less than 3 years of Natural Science	98	9	19.9	-	35	9	20.3	-	52	9	19.8	-
No Nat Sci course/grade information reported	373	34	19.4	-	138	34	19.2	-	190	32	19.1	-

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	127	12	23.9	87	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	525	48	22.8	85	766,001	59	20.5	68
Less than 4 years of English	113	10	21.8	83	141,777	11	19.7	64
No English course/grade information reported	337	31	18.9	57	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	73	7	25.8	85	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	77	7	23.6	74	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	47	4	20.4	36	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	118	11	20.2	32	163,562	13	20.4	38
Other comb of 4 or more years of Math	222	20	24.9	79	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	73	7	18.3	22	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	58	5	23.1	59	57,945	4	20.9	43
Less than 3 years of Math	87	8	20.5	39	145,617	11	18.3	21
No Math course/grade information reported	347	31	19.3	35	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	28	3	23.5	75	31,985	2	22.7	61
Other comb of 4 or more years Social Science	113	10	23.0	63	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	38	3	22.6	58	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	218	20	23.9	70	333,689	26	21.4	52
Less than 3 years of Social Science	347	31	23.8	69	201,605	16	20.6	47
No Soc Sci course/grade information reported	358	32	20.1	45	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	315	29	22.9	42	333,648	26	22.4	40
Bio, Chem, Phys	126	11	24.0	57	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	180	16	20.7	19	353,348	27	20.2	20
Other comb of 3 years of Natural Science	10	1	21.6	30	32,593	3	20.4	24
Less than 3 years of Natural Science	98	9	19.9	22	247,312	19	19.1	15
No Nat Sci course/grade information reported	373	34	19.4	19	218,401	17	20.9	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	6	1	23.0	0	0	.	5	1	23.2
Architecture & Environmental Design	10	1	22.9	1	17	15.0	9	1	23.8
Business & Management	58	5	22.9	0	0	.	57	8	22.9
Business & Office	1	0	17.0	0	0	.	1	0	17.0
Marketing & Distribution	2	0	23.0	0	0	.	2	0	23.0
Communications & Comm. Technologies	28	3	22.9	0	0	.	28	4	22.9
Community & Personal Services	4	0	18.0	1	17	20.0	3	0	17.3
Computer & Information Sciences	8	1	21.8	0	0	.	6	1	21.5
Cross-Disciplinary Studies	1	0	33.0	0	0	.	1	0	33.0
Education	28	3	22.1	0	0	.	26	4	22.4
Teacher Education	19	2	21.0	0	0	.	17	2	20.3
Engineering	32	3	26.2	0	0	.	31	4	26.1
Engineering-Related Technologies	7	1	25.0	0	0	.	7	1	25.0
Foreign Languages	7	1	24.0	0	0	.	7	1	24.0
Health Sciences & Allied Health Fields	78	7	22.1	2	33	15.5	76	11	22.3
Human, Family & Consumer Science	1	0	31.0	0	0	.	1	0	31.0
Letters	5	0	25.8	0	0	.	5	1	25.8
Mathematics	6	1	28.5	0	0	.	6	1	28.5
Philosophy, Religion & Theology	2	0	25.5	0	0	.	2	0	25.5
Sciences (Biological & Physical)	47	4	23.9	0	0	.	45	7	24.1
Social Sciences	43	4	24.4	0	0	.	42	6	24.4
Trade & Industrial	1	0	14.0	0	0	.	0	0	.
Visual & Performing Arts	18	2	21.9	0	0	.	17	2	21.6
Undecided	154	14	21.6	1	17	21.0	139	20	21.9
No Response	536	49	20.8	1	17	23.0	157	23	22.6

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	1	16.0	0	.	0	.	1	16.0	0	.	0	.	0	.
2-yr College Degree	5	18.8	0	.	0	.	4	18.3	0	.	0	.	1	21.0
Bachelors Degree	208	21.2	3	19.7	1	19.0	148	21.4	5	16.0	2	22.0	49	21.1
Graduate Study	239	23.1	3	20.0	1	25.0	179	23.1	6	22.0	2	16.5	48	23.9
Prof. Level Degree	243	24.0	9	21.9	0	.	158	24.5	10	18.9	5	21.6	61	24.1
Other	9	18.2	0	.	0	.	7	18.1	0	.	0	.	2	18.5
No Response	397	20.2	53	16.0	2	13.5	145	22.2	59	16.0	8	19.4	130	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	240	84	156	1	5	23	37	22	11	0
RHODE ISLAND COLLEGE	Rhode Island	97	24	73	3	10	40	34	9	3	0
BOSTON UNIVERSITY	Massachusetts	63	21	42	0	2	3	21	41	32	2
NORTHEASTERN UNIVERSITY	Massachusetts	63	16	47	3	2	8	30	33	24	0
PROVIDENCE COLLEGE	Rhode Island	61	11	50	2	3	25	44	13	11	2
BOSTON COLLEGE	Massachusetts	58	25	33	0	0	7	21	40	28	5
ROGER WILLIAMS UNIVERSITY	Rhode Island	57	19	38	2	7	28	39	23	2	0
BROWN UNIVERSITY	Rhode Island	53	24	29	0	8	9	23	28	32	0
UNIVERSITY OF CONNECTICUT	Connecticut	53	7	46	0	2	11	30	36	21	0
BRYANT UNIVERSITY	Rhode Island	39	15	24	0	13	15	38	18	13	3
SALVE REGINA UNIVERSITY	Rhode Island	39	8	31	0	5	28	38	18	10	0
COMMUNITY COLLEGE OF RHODE ISLAND	Rhode Island	36	8	28	6	17	44	31	3	0	0
COLLEGE VISIONS AT AS220	Rhode Island	34	34	0	0	32	29	26	12	0	0
QUINNIPIAC UNIVERSITY	Connecticut	30	7	23	0	0	20	43	27	7	3
UNIVERSITY OF VERMONT	Vermont	28	6	22	0	0	4	32	54	11	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	27	7	20	0	4	11	48	30	7	0
STONEHILL COLLEGE	Massachusetts	26	5	21	0	0	12	42	35	12	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	20	4	16	0	0	20	30	35	15	0
JOHNSON AND WALES UNIVERSITY-PROVIDENCE	Rhode Island	19	6	13	16	0	37	42	5	0	0
SACRED HEART UNIVERSITY	Connecticut	19	4	15	0	0	21	47	26	5	0
BENTLEY COLLEGE	Massachusetts	18	5	13	0	0	11	44	33	11	0
TUFTS UNIVERSITY	Massachusetts	18	5	13	0	0	11	11	28	50	0
ASSUMPTION COLLEGE	Massachusetts	16	4	12	0	6	25	31	25	6	6
ENDICOTT COLLEGE	Massachusetts	16	4	12	0	0	50	38	13	0	0
NEW YORK UNIVERSITY	New York	15	3	12	0	0	13	20	33	27	7
UNIV OF MASSACHUSETTS-DARTMOUTH	Massachusetts	15	0	15	7	13	13	33	33	0	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	14	6	8	0	14	14	36	29	7	0
SUFFOLK UNIVERSITY	Massachusetts	14	1	13	7	0	29	29	29	7	0
EMERSON COLLEGE	Massachusetts	13	2	11	0	0	23	38	23	15	0
VILLANOVA UNIVERSITY	Pennsylvania	13	3	10	0	0	0	15	46	31	8
All Other Institutions		982	240	742	2	5	17	32	26	17	1
Total		2,196	608	1,588	2	5	19	33	25	15	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	808	532,943	21.8	22.3	8.1	7.6	22.0	21.8
African Am./Black	62	50,340	16.1	17.2	7.3	6.7	17.1	17.3
Am. Indian/Alaska Native	3	3,462	16.3	19.8	6.7	7.0	16.7	19.4
Caucasian Am./White	447	308,578	23.3	23.4	8.4	7.6	23.3	22.6
Hispanic	70	42,588	15.6	18.8	7.0	7.3	16.4	19.0
Asian Am./Pacific Islander	11	25,616	20.1	23.2	7.4	8.0	20.0	22.8
Other/No Response	215	102,359	22.6	23.2	8.2	7.8	22.7	22.7
Males	293	204,427	21.1	22.0	7.8	7.3	21.2	21.3
Females	434	285,556	22.2	22.5	8.2	7.7	22.4	22.1
Missing	81	42,960	22.4	23.0	8.3	7.8	22.6	22.6

