

ACT High School Profile Report

The Graduating Class of 2007
New Hampshire



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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

32% 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. 2,269 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. 41% 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 10% of the cohort took less than three years of math courses. Of these students, 38% were college ready. 8% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 20% of these students were college ready. In comparison, 67% 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 11% of the cohort took less than three years of natural science courses. 25% of these students were college ready. In comparison, 43% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES. Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 31% 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.

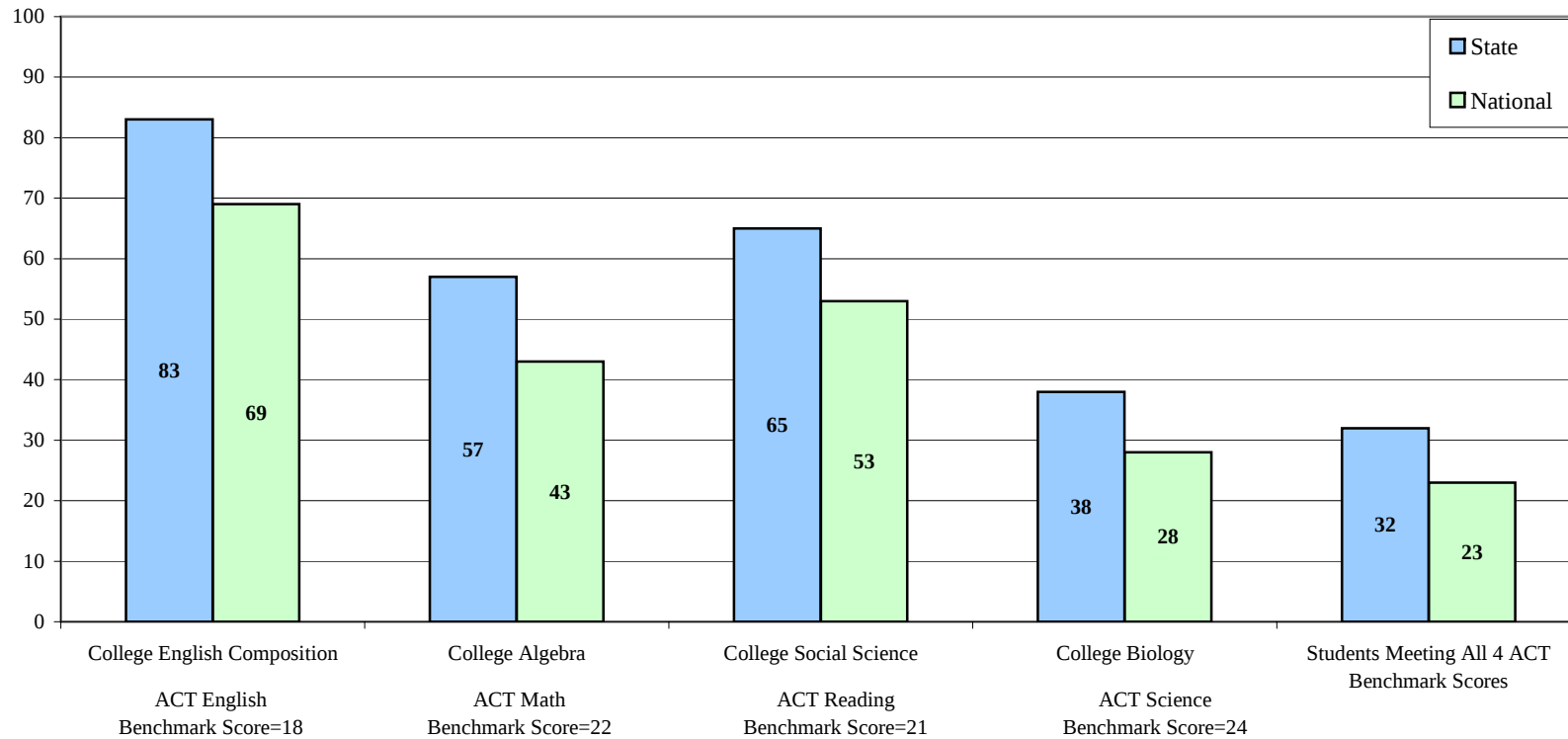
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	1,210	1,175,059	78	67	53	40	65	52	31	26	27	20
2004	1,340	1,171,460	79	68	51	40	67	52	34	26	28	21
2005	1,578	1,186,251	77	68	53	41	63	51	34	26	28	21
2006	1,779	1,206,455	80	69	57	42	66	53	34	27	29	21
2007	2,269	1,300,599	83	69	57	43	65	53	38	28	32	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	1,210	1,175,059	21.7	20.3	21.9	20.6	22.9	21.2	21.7	20.8	22.2	20.8
2004	1,340	1,171,460	22.1	20.4	22.1	20.7	23.3	21.3	21.9	20.9	22.5	20.9
2005	1,578	1,186,251	21.9	20.4	22.1	20.7	23.0	21.3	21.8	20.9	22.3	20.9
2006	1,779	1,206,455	22.4	20.6	22.5	20.8	23.2	21.4	21.8	20.9	22.6	21.1
2007	2,269	1,300,599	22.7	20.7	22.7	21.0	23.3	21.5	22.2	21.0	22.9	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									
					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	Core or More	Less than Core	Core or More	Less than Core
2003	569	393	47	32	22.1	20.8	22.6	20.9	23.5	21.6	22.2	20.9	22.7	21.2
2004	641	422	48	31	23.0	21.2	22.9	21.4	24.3	22.4	22.7	21.3	23.3	21.7
2005	718	470	46	30	22.5	21.1	22.7	21.4	23.6	22.3	22.3	21.2	22.9	21.7
2006	683	547	38	31	23.7	22.1	23.3	22.4	24.6	22.8	22.7	21.7	23.7	22.4
2007	939	714	41	31	23.7	22.2	23.5	21.9	24.4	22.9	23.1	21.7	23.8	22.3

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	1,210	100	22.2	1,340	100	22.5	1,578	100	22.3	1,779	100	22.6	2,269	100	22.9
African American/Black	15	1	20.5	22	2	19.9	16	1	21.7	28	2	19.8	35	2	20.4
American Indian/Alaska Native	2	0	15.0	5	0	19.8	3	0	23.3	6	0	20.3	6	0	23.2
Caucasian American/White	955	79	22.3	1,049	78	22.5	1,218	77	22.3	1,249	70	22.5	1,509	67	22.8
Hispanic	16	1	19.9	16	1	18.7	20	1	18.6	29	2	21.6	44	2	21.5
Asian American/Pacific Islander	27	2	20.6	34	3	21.7	24	2	22.0	52	3	24.1	43	2	24.0
Other/No Response	195	16	22.1	214	16	22.9	297	19	22.8	415	23	22.8	632	28	23.1

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	2	100	4	100	13	100	5	100	0	100	36
35	32	100	12	100	24	99	13	100	1	100	35
34	56	99	20	99	61	98	5	99	9	100	34
33	46	96	26	98	63	96	32	99	16	100	33
32	46	94	49	97	67	93	20	98	41	99	32
31	52	92	60	95	89	90	30	97	48	97	31
30	72	90	44	92	92	86	47	95	85	95	30
29	56	87	105	91	87	82	39	93	102	91	29
28	106	84	85	86	124	78	58	92	117	87	28
27	95	79	141	82	124	73	95	89	109	82	27
26	98	75	166	76	104	67	132	85	149	77	26
25	183	71	148	69	97	63	186	79	155	70	25
24	139	63	147	62	151	58	191	71	163	63	24
23	109	57	157	56	147	52	178	62	189	56	23
22	207	52	122	49	107	45	239	55	178	48	22
21	161	43	126	43	122	41	201	44	188	40	21
20	189	36	147	38	167	35	237	35	146	32	20
19	138	27	131	31	114	28	149	25	133	25	19
18	85	21	133	26	85	23	122	18	136	19	18
17	68	17	141	20	112	19	89	13	106	13	17
16	89	14	171	13	93	14	55	9	66	9	16
15	82	11	74	6	66	10	40	6	60	6	15
14	55	7	37	3	48	7	30	5	32	3	14
13	26	5	8	1	43	5	25	3	21	2	13
12	23	3	6	1	36	3	16	2	13	1	12
11	18	2	3	1	19	1	12	2	4	1	11
10	20	2	3	1	6	1	14	1	1	1	10
9	4	1	2	1	3	1	6	1	1	1	9
8	9	1	1	1	3	1	0	1	0	1	8
7	3	1	0	1	0	1	0	1	0	1	7
6	0	1	0	1	1	1	1	1	0	1	6
5	0	1	0	1	0	1	1	1	0	1	5
4	0	1	0	1	1	1	1	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	22.7 (5.7)		22.7 (5.1)		23.3 (6.0)		22.2 (4.6)		22.9 (4.7)		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	92	100	24	100	52	100	122	100	99	100	20	100	15	100	18
17	178	96	48	99	162	98	180	95	154	96	39	99	27	99	17
16	109	88	163	97	155	91	232	87	166	89	64	97	83	98	16
15	108	83	223	90	188	84	223	76	196	82	165	95	210	94	15
14	219	79	187	80	158	75	210	67	220	73	213	87	234	85	14
13	169	69	224	72	154	68	201	57	246	63	328	78	296	75	13
12	240	61	289	62	315	62	212	49	224	52	246	63	257	62	12
11	238	51	351	49	236	48	168	39	186	42	258	53	288	51	11
10	265	40	239	33	207	37	169	32	241	34	353	41	321	38	10
9	185	29	193	23	189	28	147	24	135	24	204	26	219	24	9
8	152	21	170	14	188	20	115	18	176	18	158	17	130	14	8
7	122	14	59	7	103	12	81	13	152	10	97	10	91	8	7
6	79	8	50	4	77	7	118	9	47	3	44	5	35	4	6
5	68	5	34	2	41	4	49	4	13	1	43	4	26	3	5
4	26	2	11	1	28	2	33	2	9	1	3	2	15	2	4
3	13	1	4	1	8	1	8	1	2	1	29	1	18	1	3
2	6	1	0	1	4	1	1	1	3	1	0	1	0	1	2
1	0	1	0	1	4	1	0	1	0	1	5	1	4	1	1
Avg (SD)	11.5 (3.6)		11.7 (2.9)		11.6 (3.5)		12.3 (3.7)		12.1 (3.3)		11.2 (2.9)		11.4 (2.8)		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	25	26
Q2 (50th Percentile)	22	23	23	22	23
Q1 (25th Percentile)	19	18	19	20	19

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	2,269	41	23.8	22.3
	African Am./Black	35	37	22.5	20.0
	Am. Indian/Alaska Native	6	33	25.5	21.3
	Caucasian Am./White	1,509	46	23.8	22.1
	Hispanic	44	34	21.0	20.8
	Asian Am./Pacific Islander	43	51	25.0	22.8
	Other/No Response	632	31	24.0	23.2
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	22.7	22.7	23.3	22.2	22.9
	African Am./Black	20.1	20.9	21.0	19.0	20.4
	Am. Indian/Alaska Native	21.3	22.8	24.3	22.8	23.2
	Caucasian Am./White	22.7	22.5	23.3	22.2	22.8
	Hispanic	21.0	21.5	22.1	21.1	21.5
	Asian Am./Pacific Islander	23.3	25.5	23.0	23.5	24.0
	Other/No Response	23.1	23.0	23.6	22.4	23.1
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	136	6	62	3	161	7	55	2
	28 to 32	332	15	343	15	459	20	194	9
	24 to 27	515	23	602	27	476	21	604	27
	20 to 23	666	29	552	24	543	24	855	38
	16 to 19	380	17	576	25	404	18	415	18
	13 to 15	163	7	119	5	157	7	95	4
	01 to 12	77	3	15	1	69	3	51	2
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	844	37	21.7	23.1	22.4	22.4	22.5
	Females	1,200	53	23.4	22.3	24.0	22.1	23.1
	Missing	225	10	23.1	23.0	23.4	22.6	23.1
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	76	59	58	39	34
	Females	87	55	70	36	29
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

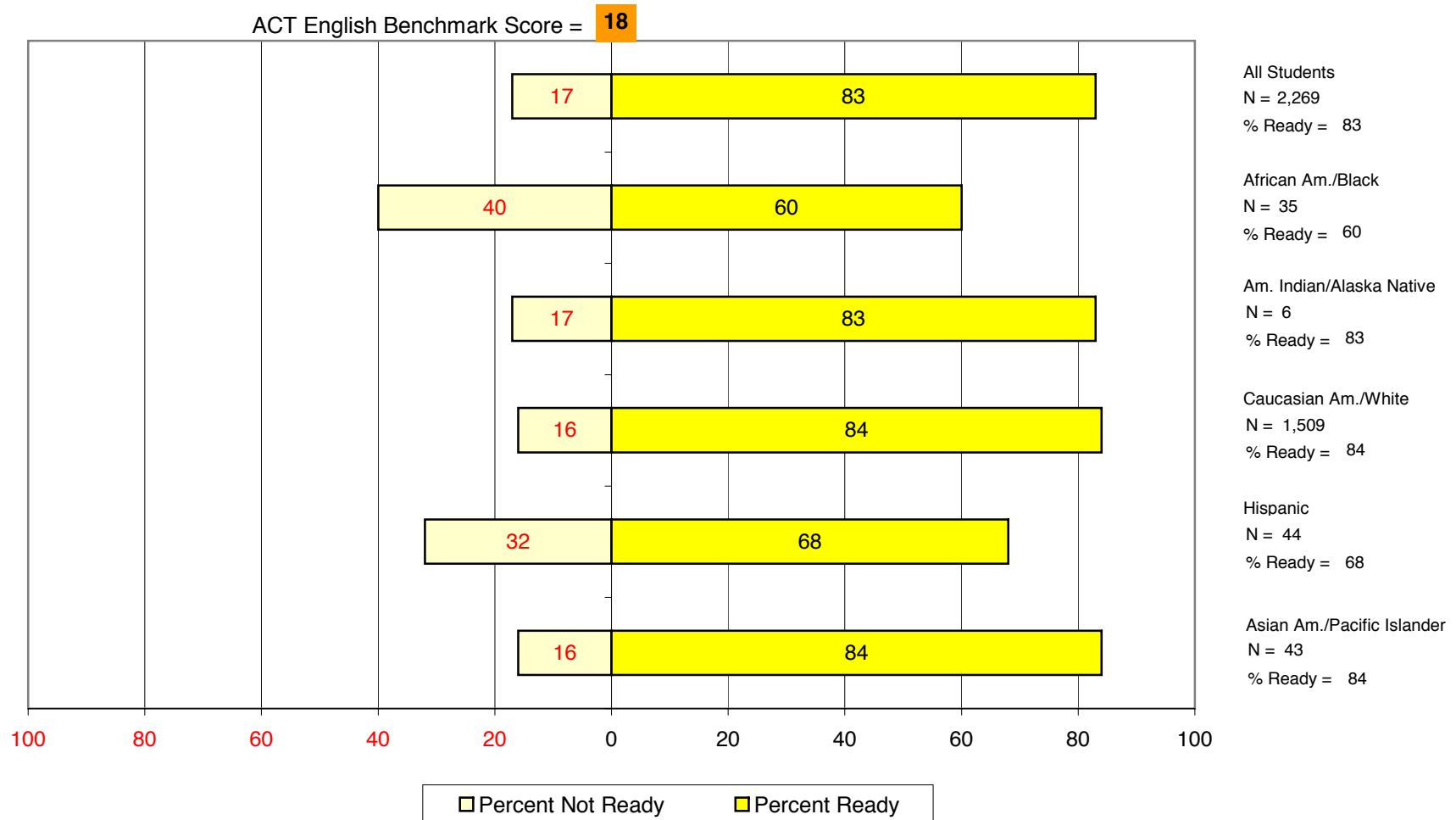


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

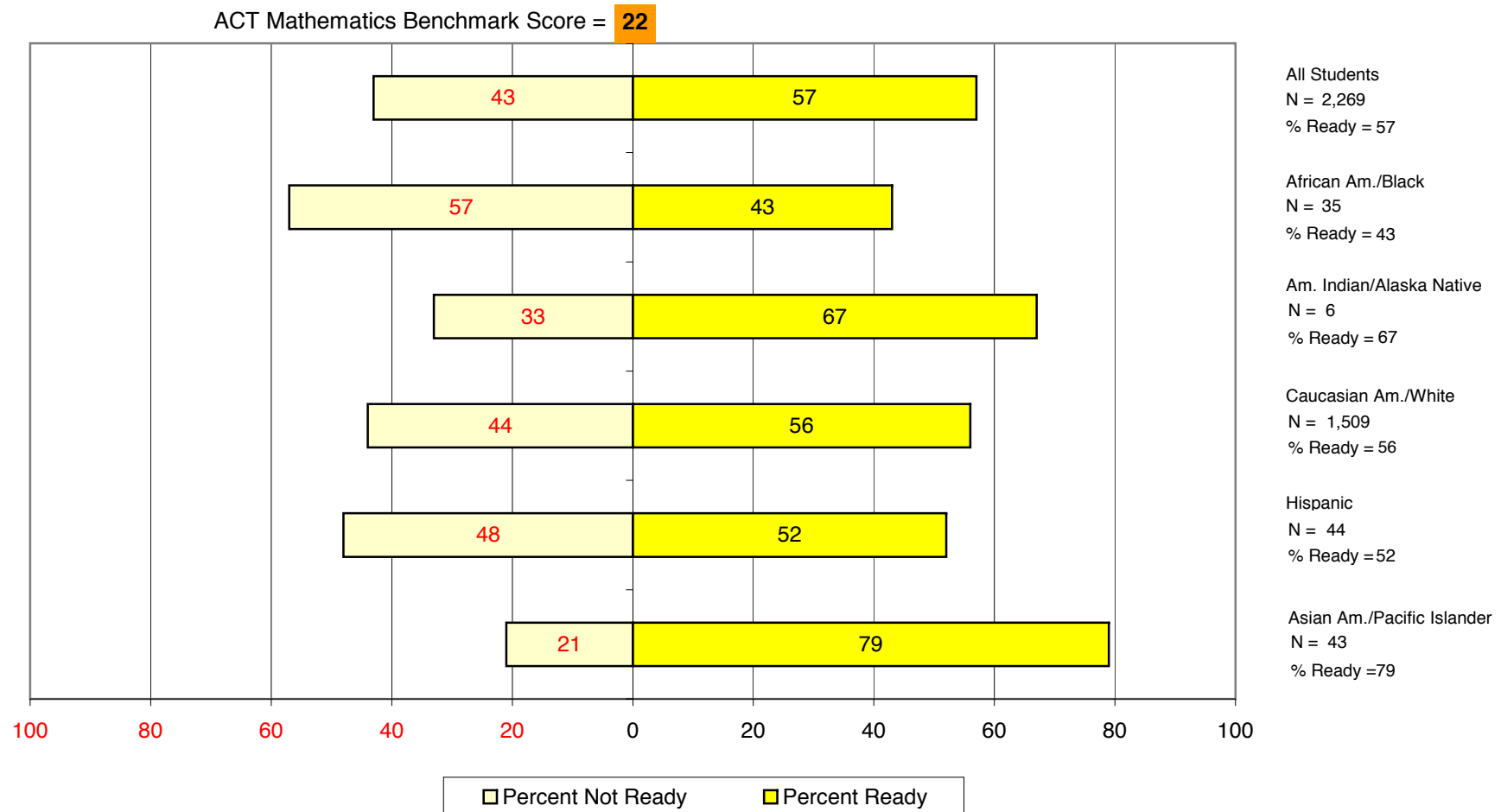


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

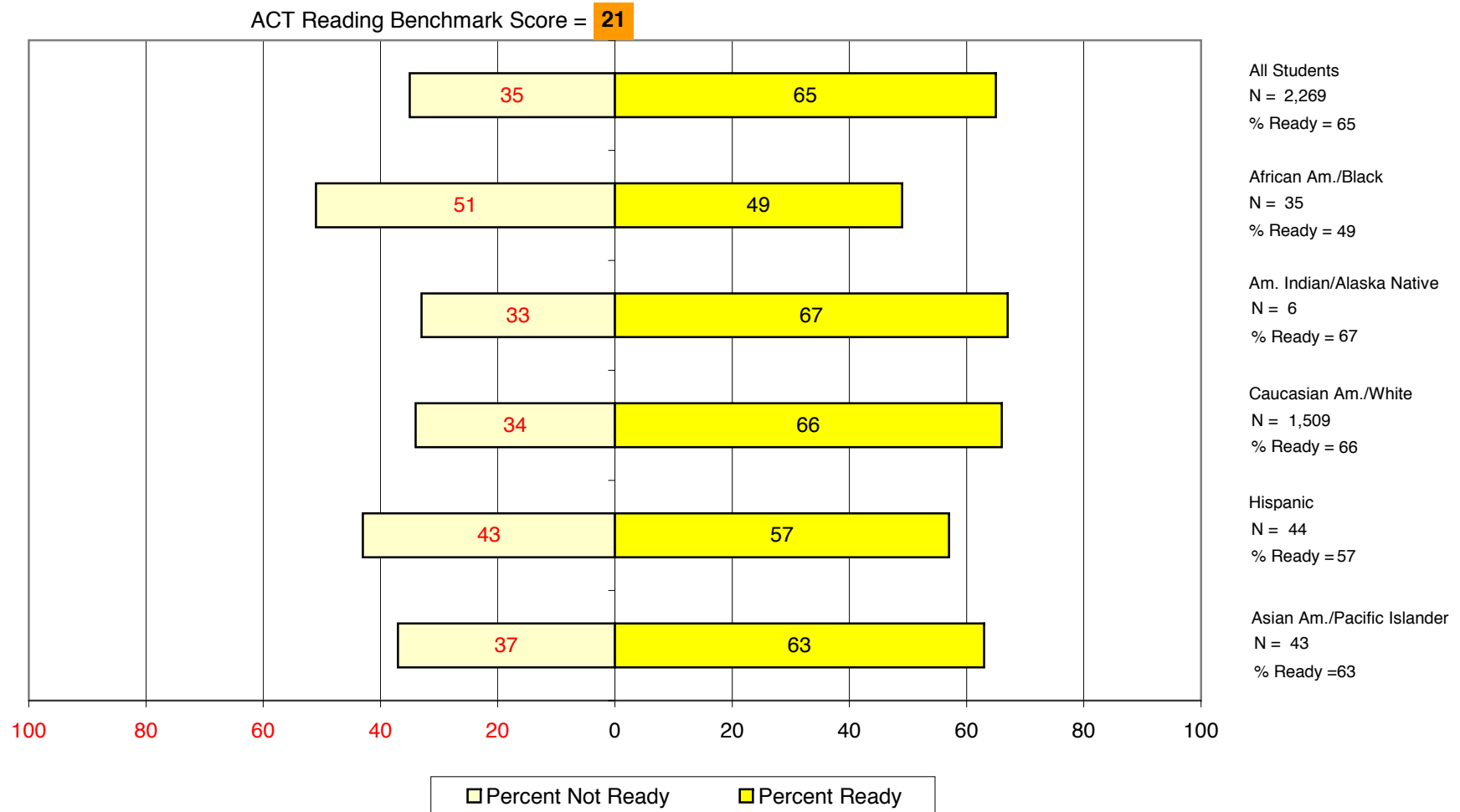


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

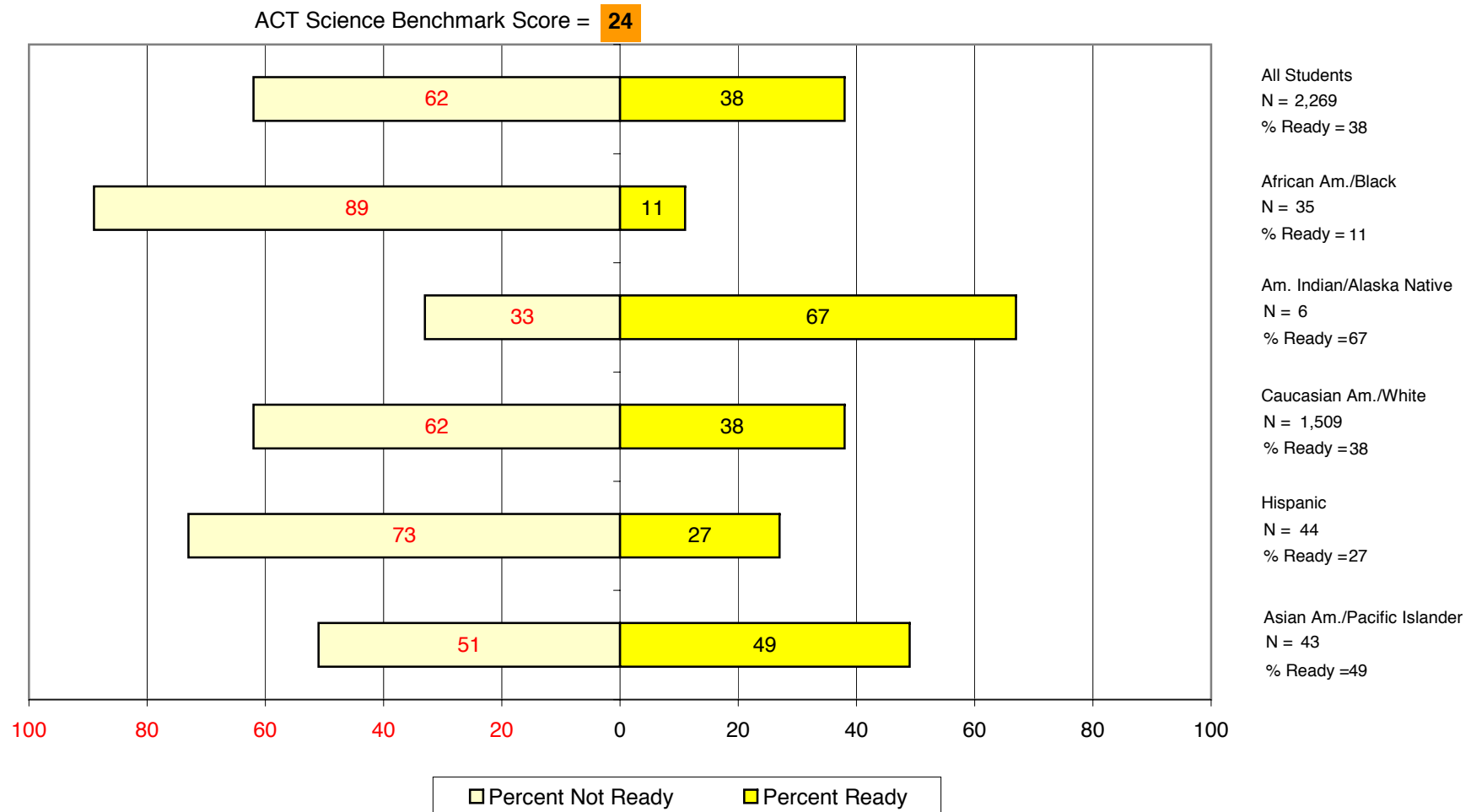


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

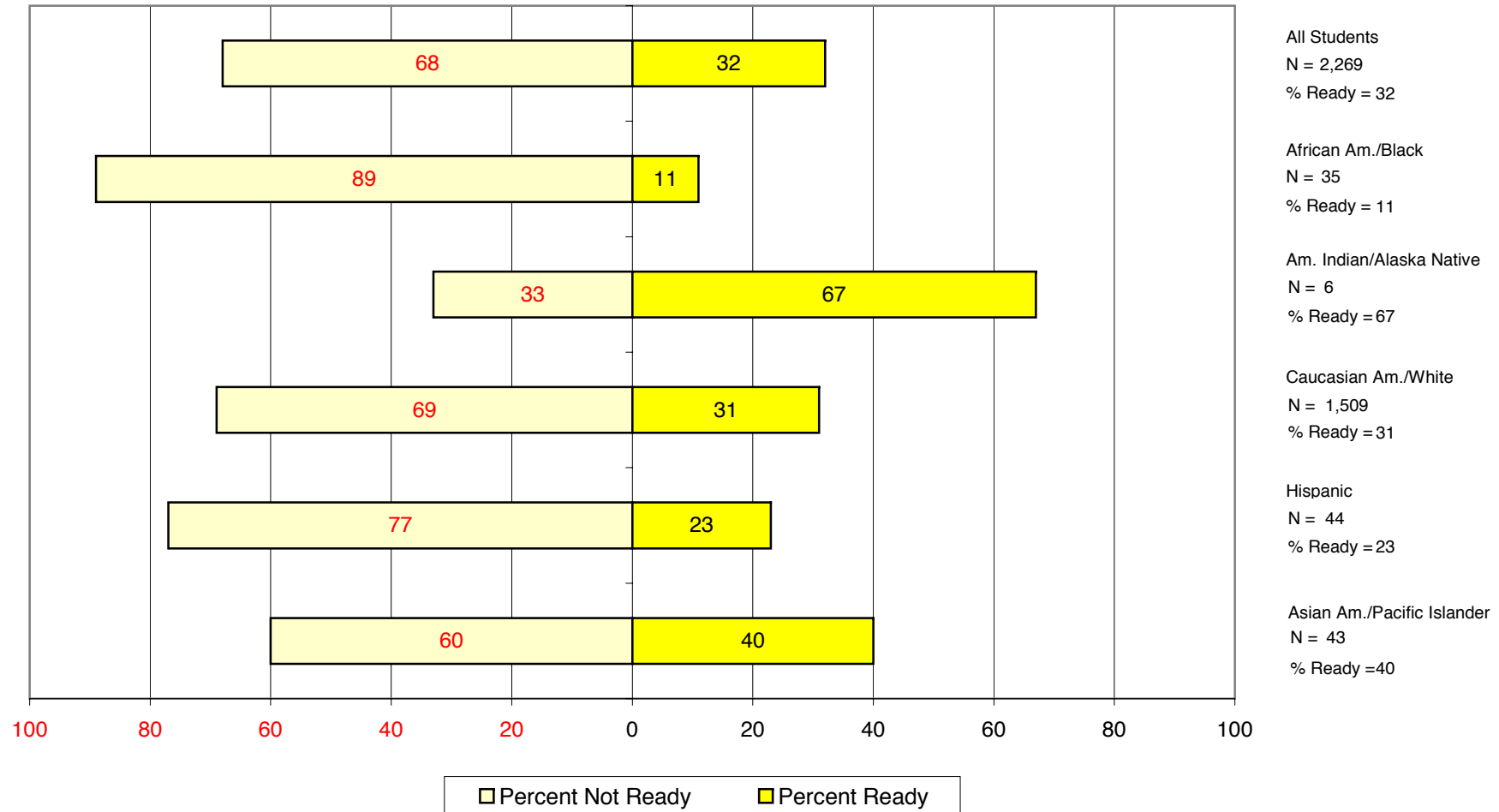


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	331	15	23.6	1.4	95	11	22.2	-0.1	206	17	24.3	2.0
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,058	47	23.0	0.8	384	45	22.3	0.0	597	50	23.4	1.1
Less than 4 years of English	254	11	22.2	-	90	11	22.3	-	134	11	22.3	-
No English course/grade information reported	626	28	21.9	-	275	33	20.6	-	263	22	23.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	163	7	26.5	6.2	58	7	26.8	5.6	95	8	26.2	6.7
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	128	6	23.1	2.8	35	4	23.7	2.5	81	7	22.8	3.3
Alg 1, Alg 2, Geom, & Trig	116	5	21.2	0.9	37	4	22.1	0.9	65	5	20.6	1.1
Alg 1, Alg 2, Geom, & Other Adv Math	276	12	21.4	1.1	77	9	22.7	1.5	181	15	21.1	1.6
Other comb of 4 or more years of Math	430	19	25.6	5.3	173	20	25.8	4.6	217	18	25.3	5.8
Alg 1, Alg 2, & Geom (Min. Core)	173	8	18.7	-1.6	50	6	18.8	-2.4	110	9	18.9	-0.6
Other comb of 3 or 3.5 years of Math	95	4	23.1	2.8	45	5	23.2	2.0	43	4	23.1	3.6
Less than 3 years of Math	223	10	20.3	-	81	10	21.2	-	121	10	19.5	-
No Math course/grade information reported	665	29	22.3	-	288	34	22.1	-	287	24	22.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	38	2	25.4	2.2	14	2	24.9	2.3	21	2	25.9	2.4
Other comb of 4 or more years Social Science	510	22	24.4	1.2	156	18	23.7	1.1	322	27	24.8	1.3
US Hist, World Hist, & Am Gov (Min. Core)	28	1	22.1	-1.1	13	2	23.4	0.8	14	1	21.3	-2.2
Other comb of 3 or 3.5 years of Social Science	538	24	23.7	0.5	194	23	22.9	0.3	294	25	24.4	0.9
Less than 3 years of Social Science	472	21	23.2	-	173	20	22.6	-	253	21	23.5	-
No Soc Sci course/grade information reported	683	30	22.2	-	294	35	21.1	-	296	25	23.0	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	736	32	23.5	3.2	279	33	23.8	3.3	405	34	23.2	3.2
Bio, Chem, Phys	179	8	25.0	4.7	68	8	25.8	5.3	88	7	24.4	4.4
Gen Sci ² , Bio, Chem (Min. Core)	378	17	21.1	0.8	92	11	20.6	0.1	253	21	21.5	1.5
Other comb of 3 years of Natural Science	40	2	21.4	1.1	24	3	21.6	1.1	14	1	21.4	1.4
Less than 3 years of Natural Science	252	11	20.3	-	85	10	20.5	-	144	12	20.0	-
No Nat Sci course/grade information reported	684	30	21.5	-	296	35	21.3	-	296	25	21.4	-

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	331	15	23.6	86	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,058	47	23.0	86	766,001	59	20.5	68
Less than 4 years of English	254	11	22.2	83	141,777	11	19.7	64
No English course/grade information reported	626	28	21.9	75	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	163	7	26.5	88	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	128	6	23.1	59	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	116	5	21.2	48	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	276	12	21.4	49	163,562	13	20.4	38
Other comb of 4 or more years of Math	430	19	25.6	79	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	173	8	18.7	20	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	95	4	23.1	61	57,945	4	20.9	43
Less than 3 years of Math	223	10	20.3	38	145,617	11	18.3	21
No Math course/grade information reported	665	29	22.3	54	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	38	2	25.4	76	31,985	2	22.7	61
Other comb of 4 or more years Social Science	510	22	24.4	71	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	28	1	22.1	57	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	538	24	23.7	70	333,689	26	21.4	52
Less than 3 years of Social Science	472	21	23.2	65	201,605	16	20.6	47
No Soc Sci course/grade information reported	683	30	22.2	56	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	736	32	23.5	48	333,648	26	22.4	40
Bio, Chem, Phys	179	8	25.0	64	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	378	17	21.1	27	353,348	27	20.2	20
Other comb of 3 years of Natural Science	40	2	21.4	30	32,593	3	20.4	24
Less than 3 years of Natural Science	252	11	20.3	25	247,312	19	19.1	15
No Nat Sci course/grade information reported	684	30	21.5	31	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	7	0	19.6	0	0	.	7	0	19.6
Architecture & Environmental Design	22	1	22.1	0	0	.	21	1	22.2
Business & Management	114	5	21.8	1	3	18.0	111	7	21.8
Business & Office	6	0	21.7	1	3	24.0	4	0	23.3
Marketing & Distribution	13	1	21.4	0	0	.	13	1	21.4
Communications & Comm. Technologies	45	2	22.9	0	0	.	44	3	22.8
Community & Personal Services	19	1	19.6	2	7	17.0	17	1	19.9
Computer & Information Sciences	15	1	24.3	0	0	.	15	1	24.3
Cross-Disciplinary Studies	4	0	25.8	0	0	.	4	0	25.8
Education	59	3	21.2	0	0	.	57	4	21.2
Teacher Education	22	1	20.6	1	3	14.0	20	1	21.2
Engineering	52	2	25.0	1	3	21.0	51	3	25.1
Engineering-Related Technologies	60	3	24.3	1	3	29.0	59	4	24.3
Foreign Languages	16	1	24.5	0	0	.	15	1	24.3
Health Sciences & Allied Health Fields	204	9	22.5	5	17	17.6	191	13	22.7
Human, Family & Consumer Science	5	0	21.8	0	0	.	5	0	21.8
Letters	13	1	24.7	0	0	.	12	1	24.6
Mathematics	11	0	27.6	0	0	.	9	1	28.0
Philosophy, Religion & Theology	6	0	26.3	0	0	.	6	0	26.3
Sciences (Biological & Physical)	97	4	24.8	0	0	.	93	6	24.8
Social Sciences	119	5	23.9	1	3	21.0	115	8	23.9
Trade & Industrial	6	0	20.2	1	3	16.0	5	0	21.0
Visual & Performing Arts	50	2	22.2	2	7	19.5	46	3	22.6
Undecided	343	15	22.6	4	13	15.0	309	20	22.7
No Response	961	42	22.8	10	33	16.5	289	19	23.0

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	2	16.0	0	.	0	.	2	16.0	0	.	0	.	0	.
2-yr College Degree	28	17.8	0	.	0	.	24	17.2	0	.	0	.	4	21.3
Bachelors Degree	557	20.9	6	16.0	1	18.0	421	21.1	9	19.8	7	19.9	113	20.7
Graduate Study	498	23.7	3	22.0	0	.	376	23.6	8	21.8	9	24.2	102	24.3
Prof. Level Degree	463	24.7	9	23.4	2	29.0	320	24.8	15	21.9	14	25.7	103	24.6
Other	24	20.8	1	13.0	1	15.0	15	21.6	0	.	1	23.0	6	20.7
No Response	697	22.8	16	20.4	2	24.0	351	22.5	12	22.3	12	24.3	304	23.3

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 NEW HAMPSHIRE	New Hampshire	359	103	256	1	5	22	35	23	14	1
NORTHEASTERN UNIVERSITY	Massachusetts	129	32	97	0	2	9	32	35	22	0
BOSTON UNIVERSITY	Massachusetts	100	40	60	0	3	6	24	41	26	0
PLYMOUTH STATE UNIVERSITY	New Hampshire	97	25	72	3	11	38	36	9	2	0
KEENE STATE COLLEGE	New Hampshire	95	21	74	3	8	33	39	12	5	0
UNIVERSITY OF VERMONT	Vermont	84	19	65	0	1	12	35	31	21	0
BOSTON COLLEGE	Massachusetts	71	24	47	0	0	4	14	32	48	1
SOUTHERN NEW HAMPSHIRE UNIVERSITY	New Hampshire	54	10	44	2	9	46	22	17	4	0
SAINT ANSELM COLLEGE	New Hampshire	52	12	40	2	0	17	35	35	12	0
TUFTS UNIVERSITY	Massachusetts	51	17	34	0	0	0	16	37	47	0
UNIVERSITY OF CONNECTICUT	Connecticut	50	9	41	0	2	16	34	32	16	0
DARTMOUTH COLLEGE	New Hampshire	45	14	31	0	0	11	24	24	36	4
QUINNIPIAC UNIVERSITY	Connecticut	44	7	37	0	0	18	34	39	9	0
WORCESTER POLYTECHNIC INST	Massachusetts	41	14	27	0	0	0	27	27	46	0
ENDICOTT COLLEGE	Massachusetts	40	9	31	0	5	30	38	23	5	0
SAINT MICHAEL'S COLLEGE	Vermont	40	12	28	0	0	15	43	28	15	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	36	16	20	3	8	33	33	14	8	0
COLBY-SAWYER COLLEGE	New Hampshire	35	8	27	3	9	29	40	20	0	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	34	6	28	0	0	9	56	21	12	3
UNIVERSITY OF RHODE ISLAND	Rhode Island	34	6	28	0	0	26	44	24	6	0
BENTLEY COLLEGE	Massachusetts	33	9	24	0	3	15	55	18	9	0
NEW HAMPSHIRE TECHNICAL INSTITUTE	New Hampshire	33	11	22	3	24	48	9	12	3	0
BROWN UNIVERSITY	Rhode Island	31	12	19	0	0	0	10	19	58	13
BOB JONES UNIVERSITY	South Carolina	29	19	10	0	10	24	24	24	14	3
SALVE REGINA UNIVERSITY	Rhode Island	29	5	24	0	0	34	31	31	3	0
RENSSELAER POLYTECHNIC INSTITUTE	New York	28	6	22	0	0	0	18	39	39	4
RIVIER COLLEGE	New Hampshire	28	10	18	4	7	43	21	21	4	0
SYRACUSE UNIVERSITY	New York	28	3	25	0	0	7	29	46	14	4
UNIVERSITY OF NEW ENGLAND	Maine	28	9	19	0	7	29	57	7	0	0
NEW YORK UNIVERSITY	New York	26	6	20	0	0	12	4	35	50	0
All Other Institutions		2,338	619	1,719	1	4	18	29	28	19	1
Total		4,122	1,113	3,009	1	4	19	30	27	18	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	State	National
All Students	1,628	532,943	23.5	22.3	8.1	7.6	23.2	21.8
African Am./Black	29	50,340	21.8	17.2	7.4	6.7	21.4	17.3
Am. Indian/Alaska Native	5	3,462	21.8	19.8	8.0	7.0	21.8	19.4
Caucasian Am./White	1,071	308,578	23.4	23.4	8.1	7.6	23.1	22.6
Hispanic	32	42,588	21.9	18.8	8.2	7.3	22.1	19.0
Asian Am./Pacific Islander	36	25,616	24.0	23.2	8.1	8.0	23.5	22.8
Other/No Response	455	102,359	23.9	23.2	8.2	7.8	23.5	22.7
Males	571	204,427	22.3	22.0	7.7	7.3	21.9	21.3
Females	905	285,556	24.1	22.5	8.3	7.7	23.9	22.1
Missing	152	42,960	24.1	23.0	8.3	7.8	23.8	22.6

