

ACT High School Profile Report

The Graduating Class of 2007
Maine



ACT High School Profile Report

The Graduating Class of 2007

Maine

Section I: Executive Summary	P. 5
Section II: Academic Achievement	P. 9
Section III: College Readiness & the Impact of Course Rigor	P. 14
Section IV: Career and Educational Aspirations	P. 22
Section V: Optional Writing Test Results	P. 26



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

28% 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. 1,600 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. 38% 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 9% of the cohort took less than three years of math courses. Of these students, 46% were college ready. 10% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 19% of these students were college ready. In comparison, 62% 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 10% of the cohort took less than three years of natural science courses. 26% of these students were college ready. In comparison, 36% 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 36% 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.

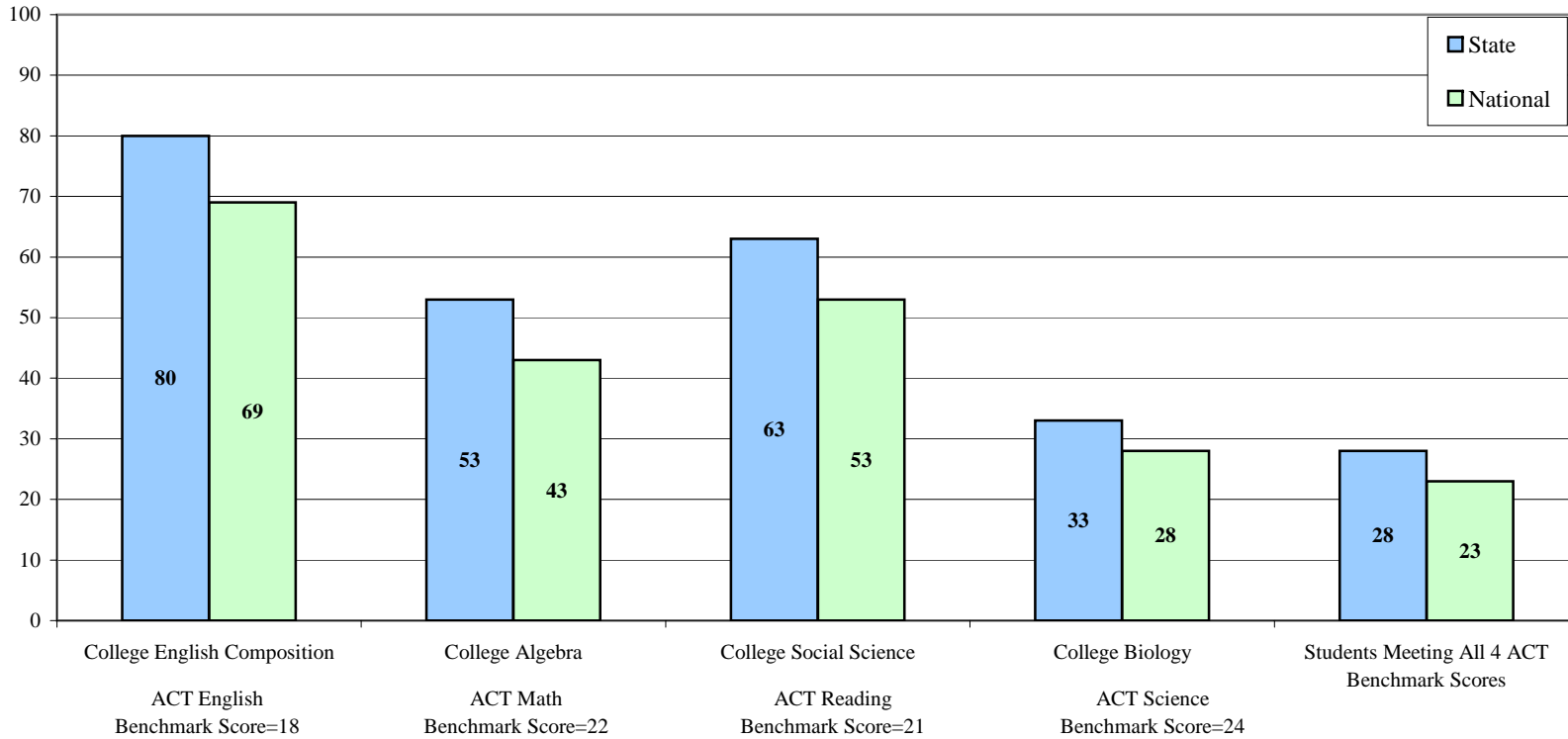
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	1,172	1,175,059	79	67	52	40	67	52	33	26	28	20
2004	1,311	1,171,460	79	68	51	40	67	52	37	26	31	21
2005	1,476	1,186,251	78	68	50	41	62	51	35	26	28	21
2006	1,536	1,206,455	78	69	51	42	65	53	33	27	28	21
2007	1,600	1,300,599	80	69	53	43	63	53	33	28	28	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	1,172	1,175,059	22.2	20.3	22.0	20.6	23.4	21.2	21.8	20.8	22.5	20.8
2004	1,311	1,171,460	22.3	20.4	22.1	20.7	23.4	21.3	22.0	20.9	22.6	20.9
2005	1,476	1,186,251	22.1	20.4	22.0	20.7	23.1	21.3	21.9	20.9	22.4	20.9
2006	1,536	1,206,455	22.0	20.6	21.9	20.8	23.1	21.4	21.6	20.9	22.3	21.1
2007	1,600	1,300,599	22.4	20.7	22.2	21.0	22.9	21.5	21.8	21.0	22.5	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	501	468	43	40	23.0	21.9	22.5	21.8	24.4	23.0	22.5	21.4	23.2	22.1
2004	550	512	42	39	22.8	22.0	22.5	21.7	24.0	23.1	22.5	21.7	23.1	22.3
2005	587	610	40	41	22.5	22.0	22.3	21.9	23.6	23.1	22.4	21.9	22.8	22.4
2006	591	584	38	38	22.6	21.7	22.4	21.5	23.9	22.8	22.2	21.4	22.9	22.0
2007	600	585	38	37	22.8	22.5	22.4	22.3	23.2	23.0	22.0	21.9	22.7	22.6

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	1,172	100	22.5	1,311	100	22.6	1,476	100	22.4	1,536	100	22.3	1,600	100	22.5
African American/Black	12	1	17.3	17	1	20.6	18	1	15.3	34	2	16.9	32	2	17.2
American Indian/Alaska Native	4	0	23.0	4	0	20.8	6	0	21.2	10	1	19.4	7	0	20.7
Caucasian American/White	950	81	22.7	1,046	80	22.6	1,195	81	22.5	1,134	74	22.6	1,131	71	22.6
Hispanic	16	1	20.9	12	1	21.3	16	1	19.1	18	1	19.6	33	2	22.3
Asian American/Pacific Islander	21	2	22.9	21	2	22.1	31	2	22.7	25	2	20.0	28	2	21.8
Other/No Response	169	14	21.8	211	16	22.8	210	14	22.8	315	21	22.4	369	23	22.6

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	2	100	5	100	6	100	0	100	36
35	16	100	8	100	18	100	6	100	4	100	35
34	33	99	18	99	30	99	2	99	2	100	34
33	27	97	13	98	37	97	13	99	14	100	33
32	25	95	33	97	43	94	9	98	14	99	32
31	49	94	29	95	63	92	18	98	22	98	31
30	43	91	32	94	63	88	23	97	61	97	30
29	51	88	68	92	71	84	26	95	69	93	29
28	91	85	58	87	71	79	40	94	68	88	28
27	63	79	84	84	91	75	57	91	78	84	27
26	73	75	109	78	76	69	105	88	115	79	26
25	117	70	114	72	71	65	103	81	113	72	25
24	91	63	110	65	108	60	124	75	122	65	24
23	90	57	76	58	95	53	134	67	109	57	23
22	102	52	91	53	84	47	186	58	139	51	22
21	111	45	97	47	76	42	140	47	104	42	21
20	132	39	87	41	126	37	152	38	98	35	20
19	89	30	95	36	74	30	116	29	114	29	19
18	73	25	95	30	64	25	96	21	87	22	18
17	55	20	127	24	68	21	70	15	85	17	17
16	79	17	141	16	67	17	41	11	61	11	16
15	50	12	72	7	60	12	41	8	55	8	15
14	45	9	23	3	42	9	22	6	30	4	14
13	30	6	14	1	46	6	22	4	21	2	13
12	16	4	3	1	34	3	22	3	9	1	12
11	15	3	0	1	9	1	11	2	4	1	11
10	10	2	1	1	4	1	6	1	2	1	10
9	4	1	0	1	0	1	4	1	0	1	9
8	12	1	0	1	1	1	2	1	0	1	8
7	1	1	0	1	1	1	0	1	0	1	7
6	1	1	0	1	2	1	1	1	0	1	6
5	3	1	0	1	0	1	0	1	0	1	5
4	1	1	0	1	0	1	1	1	0	1	4
3	0	1	0	1	0	1	1	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)	22.4 (5.8)		22.2 (5.1)		22.9 (6.0)		21.8 (4.6)		22.5 (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	52	100	14	100	22	100	72	100	70	100	8	100	13	100	18
17	119	97	34	99	112	99	113	96	83	96	27	100	14	99	17
16	86	89	91	97	126	92	180	88	93	90	38	98	60	98	16
15	89	84	175	91	105	84	157	77	140	85	107	95	143	95	15
14	146	78	133	80	119	77	142	67	163	76	141	89	157	86	14
13	126	69	162	72	121	70	136	59	159	66	223	80	175	76	13
12	154	61	211	62	198	62	147	50	163	56	180	66	165	65	12
11	146	52	195	49	159	50	103	41	123	46	150	55	193	55	11
10	155	43	186	37	139	40	128	34	168	38	270	45	218	43	10
9	151	33	128	25	122	31	103	26	110	27	171	29	200	29	9
8	120	24	133	17	145	24	78	20	140	21	105	18	102	16	8
7	100	16	71	9	100	15	84	15	133	12	82	11	75	10	7
6	66	10	36	4	56	8	97	10	36	3	39	6	30	5	6
5	43	6	14	2	32	5	34	4	14	1	29	4	18	3	5
4	23	3	9	1	26	3	19	2	4	1	4	2	17	2	4
3	11	2	4	1	10	1	5	1	0	1	20	2	14	1	3
2	11	1	3	1	4	1	2	1	1	1	0	1	3	1	2
1	2	1	1	1	4	1	0	1	0	1	6	1	3	1	1
Avg (SD)	11.3 (3.7)		11.5 (3.0)		11.4 (3.6)		12.1 (3.7)		11.8 (3.3)		11.0 (2.9)		11.2 (3.0)		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)	27	26	28	25	26
Q2 (50th Percentile)	22	22	23	22	22
Q1 (25th Percentile)	19	18	19	19	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	1,600	38	22.7	22.6
	African Am./Black	32	13	19.0	18.2
	Am. Indian/Alaska Native	7	43	19.0	26.0
	Caucasian Am./White	1,131	42	22.6	22.7
	Hispanic	33	24	20.1	23.5
	Asian Am./Pacific Islander	28	43	23.6	20.6
	Other/No Response	369	27	23.7	22.2
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	22.4	22.2	22.9	21.8	22.5
	African Am./Black	16.3	16.8	18.0	17.4	17.2
	Am. Indian/Alaska Native	18.4	20.7	20.7	22.3	20.7
	Caucasian Am./White	22.7	22.3	23.1	21.9	22.6
	Hispanic	21.8	22.8	22.4	21.5	22.3
	Asian Am./Pacific Islander	21.2	22.9	21.5	21.1	21.8
	Other/No Response	22.3	22.4	23.2	21.7	22.6
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	78	5	41	3	90	6	27	2
	28 to 32	259	16	220	14	311	19	116	7
	24 to 27	344	22	417	26	346	22	389	24
	20 to 23	435	27	351	22	381	24	612	38
	16 to 19	296	19	458	29	273	17	323	20
	13 to 15	125	8	109	7	148	9	85	5
	01 to 12	63	4	4	0	51	3	48	3
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	580	36	21.6	22.9	22.1	22.0	22.3
	Females	883	55	22.9	21.8	23.3	21.6	22.5
	Missing	137	9	22.7	22.1	23.9	21.8	22.8
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	55	37	32
	Females	84	50	67	31	26
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

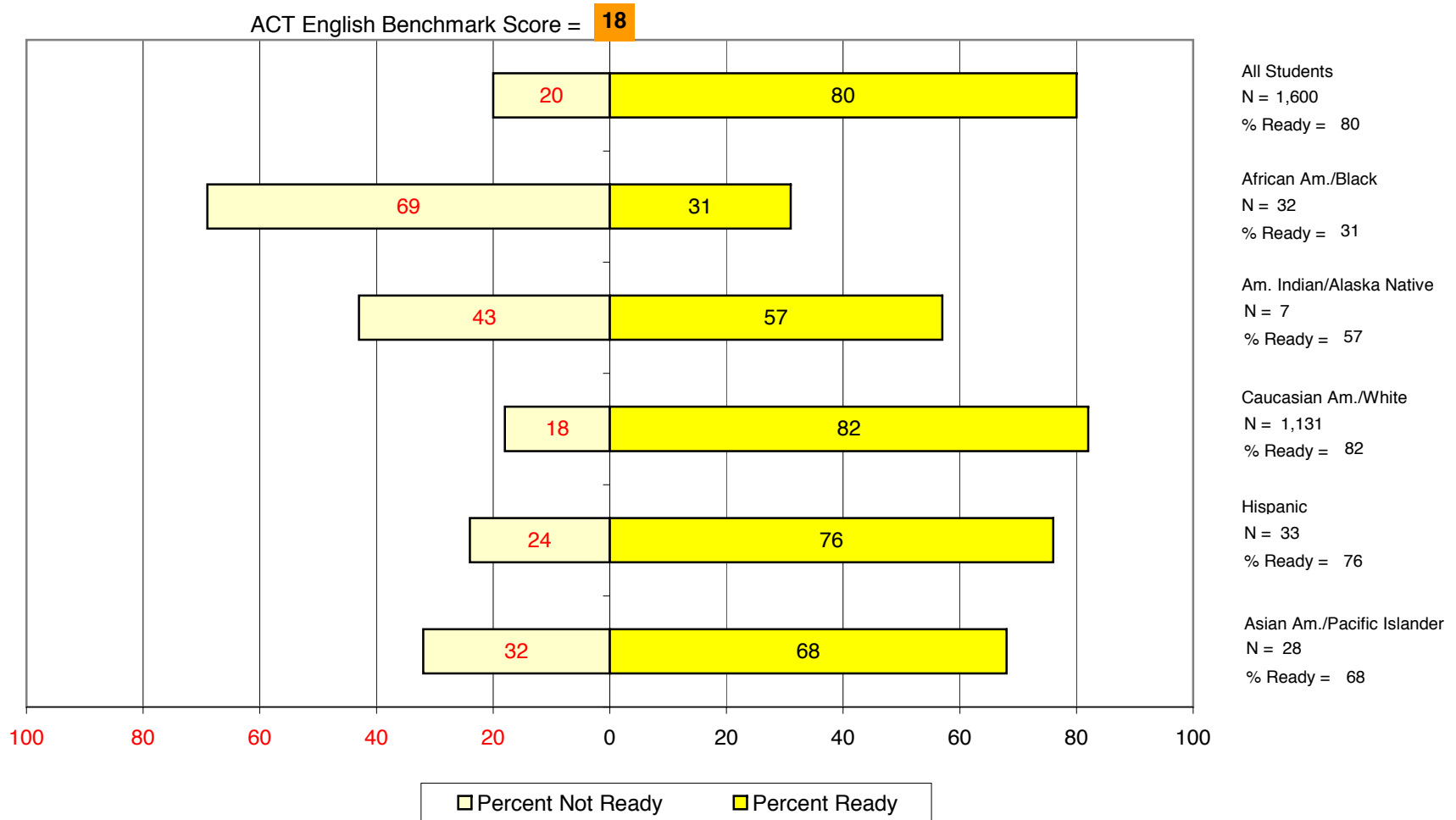


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

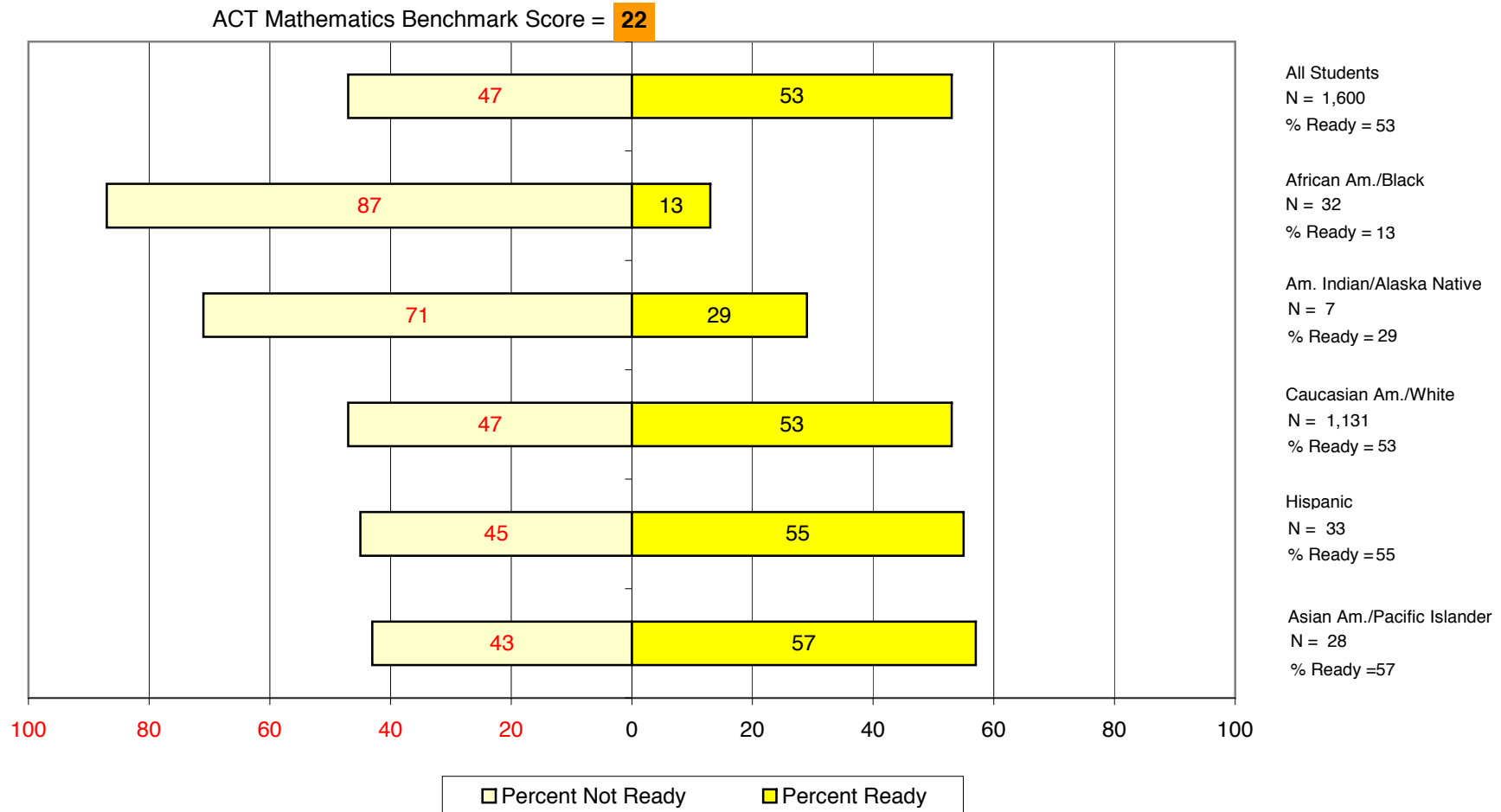


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

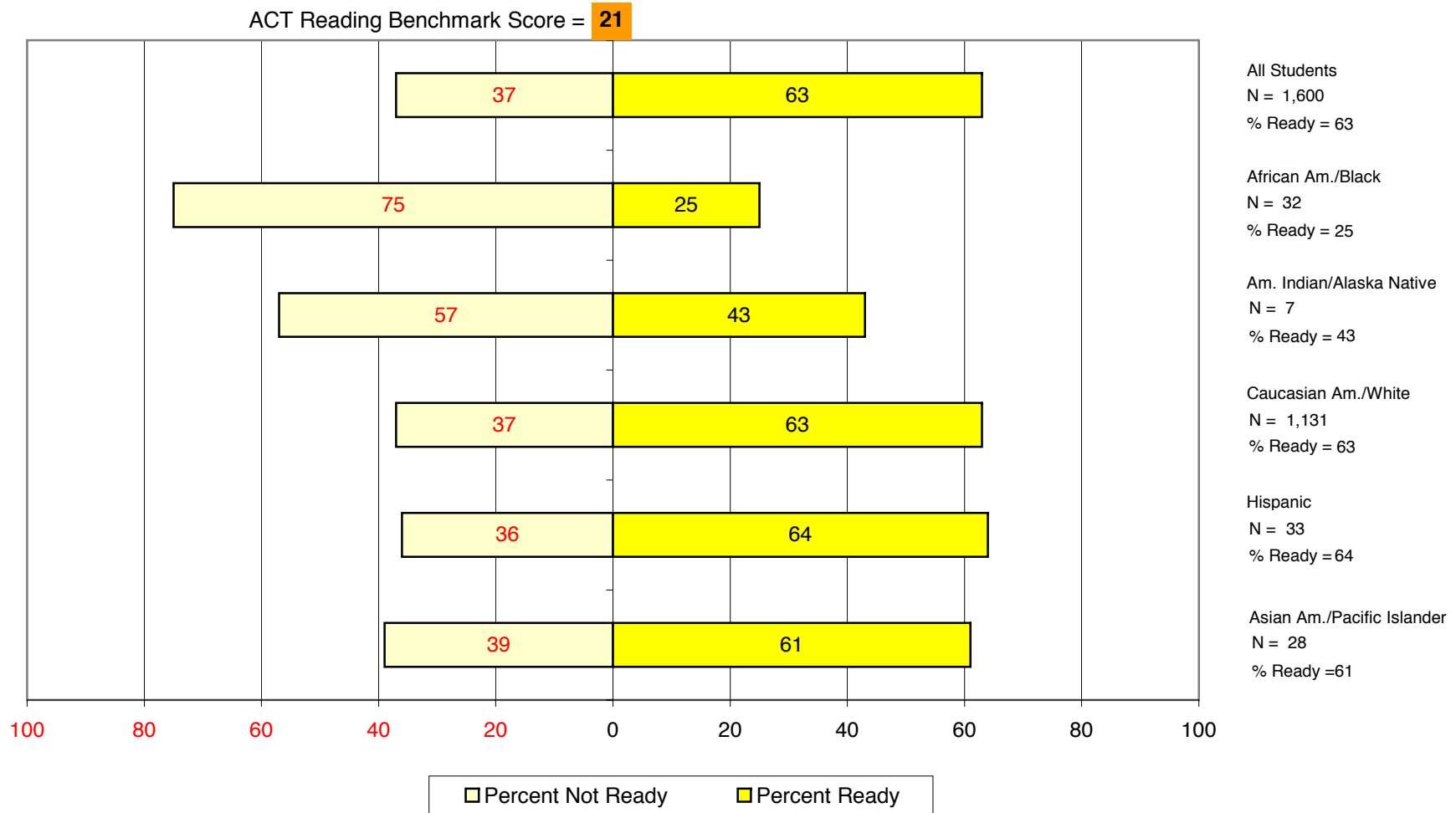


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

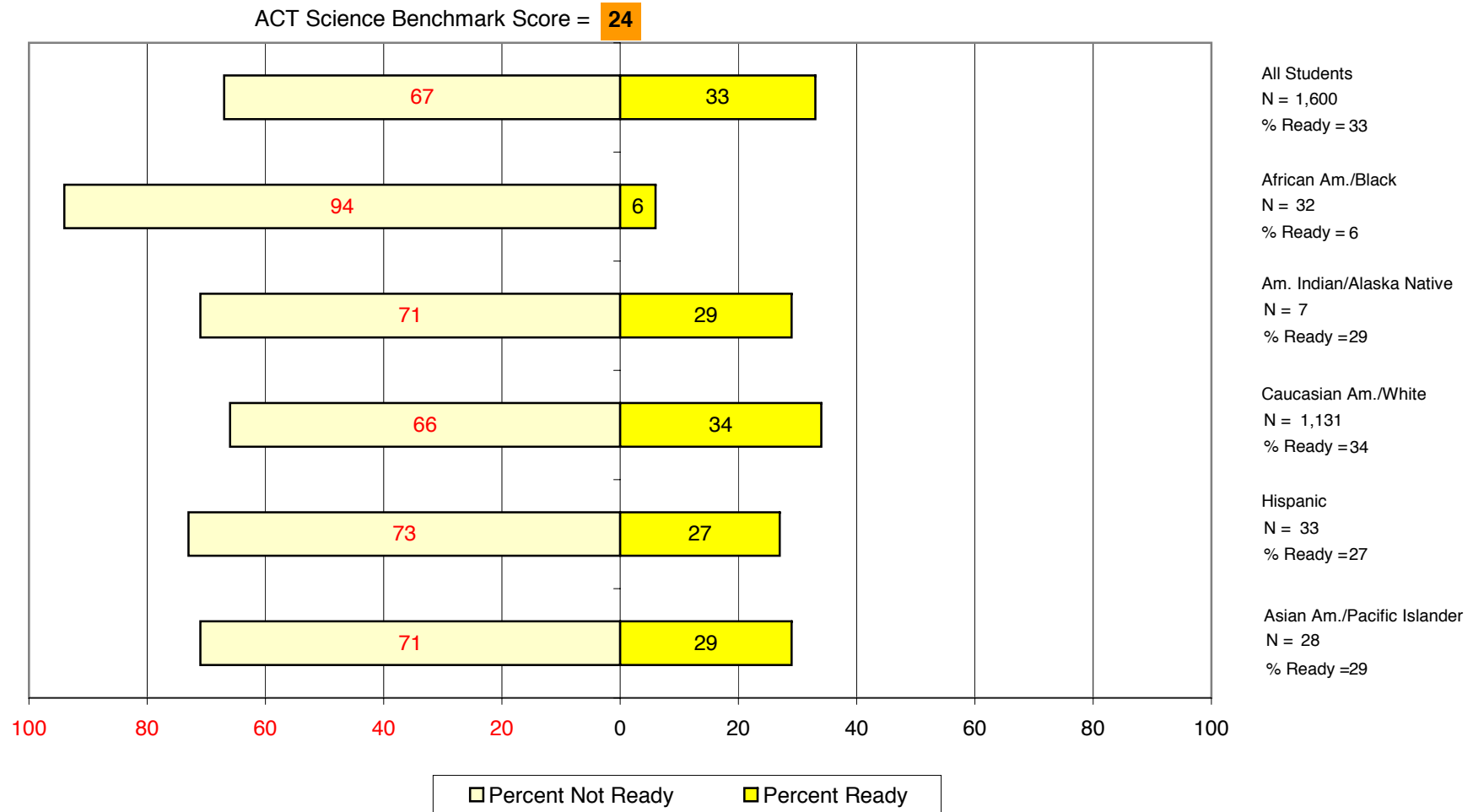


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

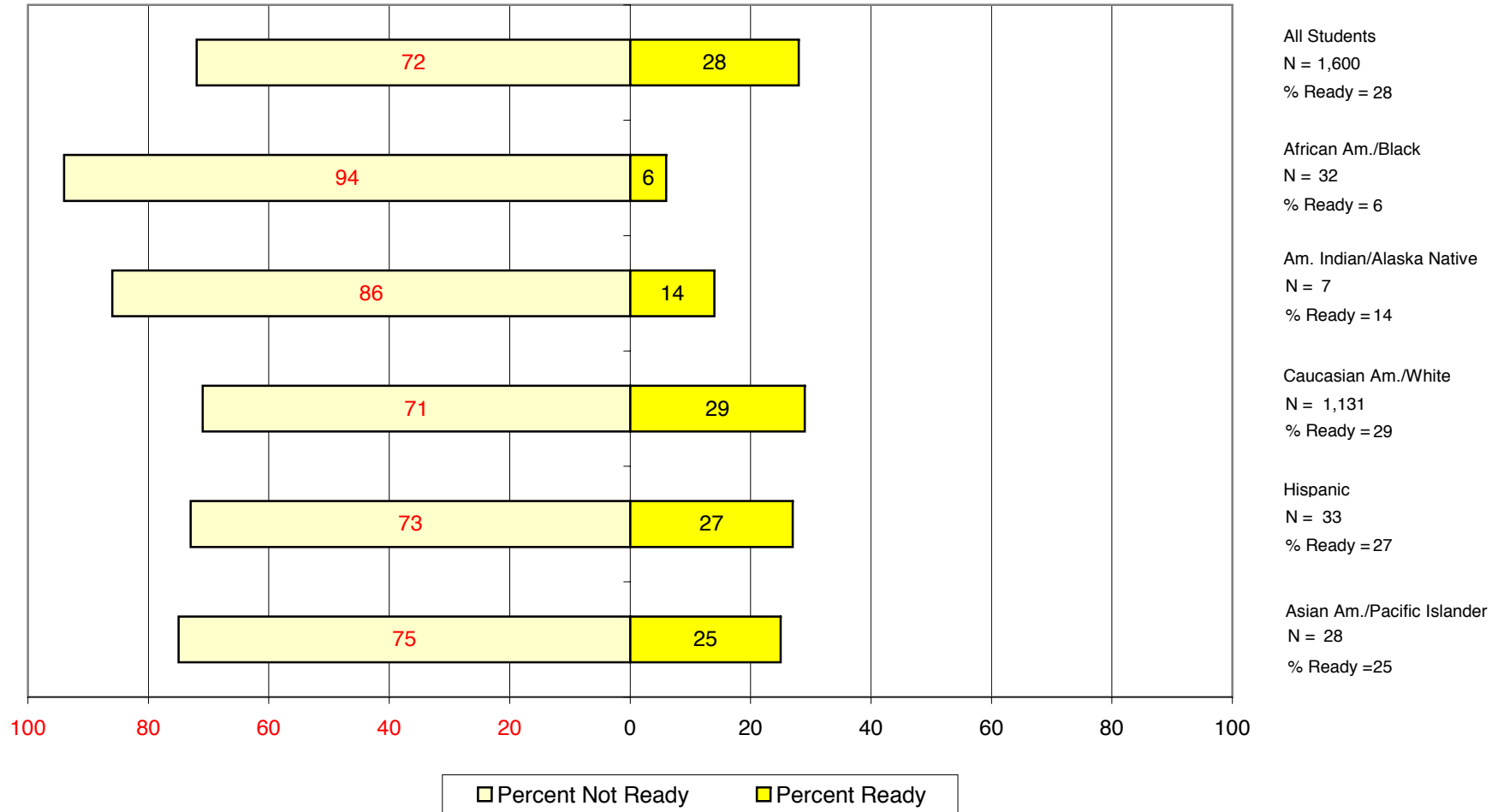


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	200	13	24.0	2.0	62	11	23.3	1.0	127	14	24.2	2.4
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	799	50	22.5	0.5	252	43	21.6	-0.7	489	55	22.9	1.1
Less than 4 years of English	176	11	22.0	-	67	12	22.3	-	97	11	21.8	-
No English course/grade information reported	425	27	21.7	-	199	34	20.8	-	170	19	22.7	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	94	6	24.9	3.5	33	6	25.5	3.1	55	6	24.7	3.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	106	7	22.4	1.0	39	7	23.7	1.3	61	7	21.6	0.7
Alg 1, Alg 2, Geom, & Trig	84	5	20.6	-0.8	23	4	20.1	-2.3	51	6	20.5	-0.4
Alg 1, Alg 2, Geom, & Other Adv Math	257	16	21.1	-0.3	75	13	21.6	-0.8	166	19	20.9	0.0
Other comb of 4 or more years of Math	261	16	25.7	4.3	88	15	26.7	4.3	158	18	25.1	4.2
Alg 1, Alg 2, & Geom (Min. Core)	158	10	18.7	-2.7	48	8	19.7	-2.7	102	12	18.3	-2.6
Other comb of 3 or 3.5 years of Math	61	4	23.5	2.1	20	3	25.1	2.7	36	4	22.7	1.8
Less than 3 years of Math	139	9	21.4	-	48	8	22.4	-	78	9	20.9	-
No Math course/grade information reported	440	28	21.9	-	206	36	22.1	-	176	20	21.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	59	4	22.8	-0.6	19	3	20.6	-2.3	36	4	24.3	0.6
Other comb of 4 or more years Social Science	221	14	23.2	-0.2	68	12	21.8	-1.1	139	16	23.6	-0.1
US Hist, World Hist, & Am Gov (Min. Core)	92	6	22.7	-0.7	25	4	21.5	-1.4	62	7	23.1	-0.6
Other comb of 3 or 3.5 years of Social Science	320	20	22.8	-0.6	104	18	22.4	-0.5	191	22	22.6	-1.1
Less than 3 years of Social Science	459	29	23.4	-	159	27	22.9	-	271	31	23.7	-
No Soc Sci course/grade information reported	449	28	22.5	-	205	35	21.6	-	184	21	23.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	566	35	22.6	1.5	187	32	23.2	2.4	351	40	22.2	0.8
Bio, Chem, Phys	101	6	23.8	2.7	38	7	25.2	4.4	48	5	23.2	1.8
Gen Sci ² , Bio, Chem (Min. Core)	295	18	20.9	-0.2	72	12	21.3	0.5	203	23	20.7	-0.7
Other comb of 3 years of Natural Science	33	2	20.2	-0.9	19	3	20.5	-0.3	12	1	19.9	-1.5
Less than 3 years of Natural Science	160	10	21.1	-	59	10	20.8	-	88	10	21.4	-
No Nat Sci course/grade information reported	445	28	21.1	-	205	35	21.2	-	181	20	21.0	-

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	200	13	24.0	86	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	799	50	22.5	81	766,001	59	20.5	68
Less than 4 years of English	176	11	22.0	81	141,777	11	19.7	64
No English course/grade information reported	425	27	21.7	75	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	94	6	24.9	79	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	106	7	22.4	58	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	84	5	20.6	37	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	257	16	21.1	45	163,562	13	20.4	38
Other comb of 4 or more years of Math	261	16	25.7	79	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	158	10	18.7	19	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	61	4	23.5	69	57,945	4	20.9	43
Less than 3 years of Math	139	9	21.4	46	145,617	11	18.3	21
No Math course/grade information reported	440	28	21.9	50	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	59	4	22.8	63	31,985	2	22.7	61
Other comb of 4 or more years Social Science	221	14	23.2	62	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	92	6	22.7	66	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	320	20	22.8	63	333,689	26	21.4	52
Less than 3 years of Social Science	459	29	23.4	65	201,605	16	20.6	47
No Soc Sci course/grade information reported	449	28	22.5	59	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	566	35	22.6	40	333,648	26	22.4	40
Bio, Chem, Phys	101	6	23.8	55	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	295	18	20.9	24	353,348	27	20.2	20
Other comb of 3 years of Natural Science	33	2	20.2	21	32,593	3	20.4	24
Less than 3 years of Natural Science	160	10	21.1	26	247,312	19	19.1	15
No Nat Sci course/grade information reported	445	28	21.1	30	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	4	0	21.5	0	0	.	4	0	21.5
Architecture & Environmental Design	18	1	22.4	0	0	.	17	2	22.6
Business & Management	78	5	21.7	0	0	.	75	7	21.7
Business & Office	4	0	19.5	0	0	.	4	0	19.5
Marketing & Distribution	10	1	21.7	0	0	.	10	1	21.7
Communications & Comm. Technologies	33	2	23.6	1	8	20.0	32	3	23.8
Community & Personal Services	17	1	21.4	0	0	.	16	2	21.4
Computer & Information Sciences	6	0	23.8	0	0	.	6	1	23.8
Cross-Disciplinary Studies	4	0	24.0	0	0	.	4	0	24.0
Education	28	2	21.3	0	0	.	27	3	21.6
Teacher Education	16	1	19.8	0	0	.	16	2	19.8
Engineering	28	2	23.4	0	0	.	27	3	23.3
Engineering-Related Technologies	19	1	24.2	1	8	15.0	17	2	25.2
Foreign Languages	14	1	26.0	0	0	.	14	1	26.0
Health Sciences & Allied Health Fields	155	10	21.6	1	8	15.0	148	15	21.7
Human, Family & Consumer Science	11	1	19.4	0	0	.	11	1	19.4
Letters	13	1	25.2	0	0	.	12	1	24.8
Mathematics	7	0	27.0	0	0	.	7	1	27.0
Philosophy, Religion & Theology	6	0	20.8	0	0	.	4	0	20.0
Sciences (Biological & Physical)	67	4	24.7	0	0	.	65	6	24.5
Social Sciences	73	5	22.8	0	0	.	71	7	22.9
Trade & Industrial	4	0	20.3	0	0	.	4	0	20.3
Visual & Performing Arts	42	3	22.6	2	15	18.5	37	4	22.9
Undecided	205	13	22.2	4	31	16.8	186	18	22.4
No Response	738	46	22.5	4	31	17.8	204	20	22.8

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	3	15.7	1	15.0	0	.	2	16.0	0	.	0	.	0	.
2-yr College Degree	10	17.8	0	.	0	.	9	17.9	0	.	0	.	1	17.0
Bachelors Degree	385	21.1	4	18.3	1	24.0	311	21.2	3	22.7	5	21.4	61	20.6
Graduate Study	306	23.3	3	22.0	1	28.0	238	23.3	5	21.8	4	20.3	55	23.3
Prof. Level Degree	327	23.8	4	15.8	2	17.5	254	23.9	9	22.9	9	23.9	49	24.3
Other	20	20.6	0	.	0	.	14	19.1	0	.	1	24.0	5	24.0
No Response	549	22.4	20	16.7	3	19.3	303	22.8	16	22.0	9	20.2	198	22.5

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 MAINE AT ORONO	Maine	238	83	155	0	6	33	32	21	8	0
UNIVERSITY OF SOUTHERN MAINE	Maine	117	26	91	1	9	42	33	10	4	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	71	8	63	0	4	34	35	24	3	0
BOSTON UNIVERSITY	Massachusetts	70	30	40	1	1	9	26	46	16	1
NORTHEASTERN UNIVERSITY	Massachusetts	60	11	49	0	2	15	32	33	18	0
HUSSON COLLEGE	Maine	55	19	36	0	22	47	20	9	2	0
UNIVERSITY OF MAINE AT FARMINGTON	Maine	49	12	37	0	10	47	27	14	2	0
BOSTON COLLEGE	Massachusetts	48	26	22	0	0	4	19	48	29	0
UNIVERSITY OF NEW ENGLAND	Maine	48	16	32	0	6	33	44	13	4	0
SAINT JOSEPH'S COLLEGE	Maine	43	16	27	2	19	47	26	7	0	0
COLBY COLLEGE	Maine	40	21	19	0	0	8	35	28	30	0
UNIVERSITY OF VERMONT	Vermont	37	6	31	0	3	11	24	54	8	0
TUFTS UNIVERSITY	Massachusetts	35	14	21	0	3	9	14	37	34	3
UNIVERSITY OF CONNECTICUT	Connecticut	31	5	26	0	3	13	55	29	0	0
BOWDOIN COLLEGE	Maine	28	3	25	0	0	11	18	32	36	4
STONEHILL COLLEGE	Massachusetts	26	4	22	0	8	8	42	35	8	0
QUINNIPIAC UNIVERSITY	Connecticut	24	8	16	0	0	33	38	25	4	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	22	14	8	9	36	27	14	5	5	5
UNIVERSITY OF MAINE AT AUGUSTA	Maine	22	2	20	5	18	45	23	9	0	0
SAINT MICHAEL'S COLLEGE	Vermont	21	3	18	0	5	19	29	38	5	5
CONNECTICUT COLLEGE	Connecticut	20	11	9	5	0	5	20	50	20	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	20	6	14	0	5	10	55	30	0	0
BENTLEY COLLEGE	Massachusetts	19	8	11	0	0	11	47	32	11	0
MAINE MARITIME ACADEMY	Maine	19	13	6	0	21	37	26	16	0	0
ENDICOTT COLLEGE	Massachusetts	18	6	12	0	17	17	56	11	0	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	17	6	11	0	6	12	29	35	12	6
UNIVERSITY OF MAINE AT PRESQUE ISLE	Maine	17	3	14	0	35	59	6	0	0	0
BATES COLLEGE	Maine	16	1	15	0	0	19	44	19	19	0
BRIGHAM YOUNG UNIVERSITY	Utah	16	11	5	6	0	6	13	56	13	6
CORNELL UNIVERSITY	New York	16	1	15	0	0	6	6	63	25	0
All Other Institutions		1,521	425	1,096	1	6	21	29	27	16	1
Total		2,784	818	1,966	1	7	23	30	26	13	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	1,129	532,943	23.3	22.3	8.2	7.6	23.1	21.8
African Am./Black	14	50,340	18.9	17.2	7.7	6.7	19.5	17.3
Am. Indian/Alaska Native	4	3,462	19.3	19.8	6.8	7.0	18.8	19.4
Caucasian Am./White	789	308,578	23.5	23.4	8.2	7.6	23.3	22.6
Hispanic	26	42,588	22.5	18.8	8.5	7.3	22.8	19.0
Asian Am./Pacific Islander	21	25,616	22.2	23.2	8.0	8.0	22.1	22.8
Other/No Response	275	102,359	23.3	23.2	8.1	7.8	23.0	22.7
Males	390	204,427	22.6	22.0	7.8	7.3	22.3	21.3
Females	637	285,556	23.7	22.5	8.4	7.7	23.7	22.1
Missing	102	42,960	23.5	23.0	8.1	7.8	23.2	22.6

