

ACT High School Profile Report

The Graduating Class of 2007
Connecticut



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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

35% 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. 6,651 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 7% of the cohort took less than three years of math courses. Of these students, 44% were college ready. 8% of the cohort reported taking the minimum core (Algebra I, Algebra II, and Geometry). 23% of these students were college ready. In comparison, 70% 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. 28% 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 28% 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.

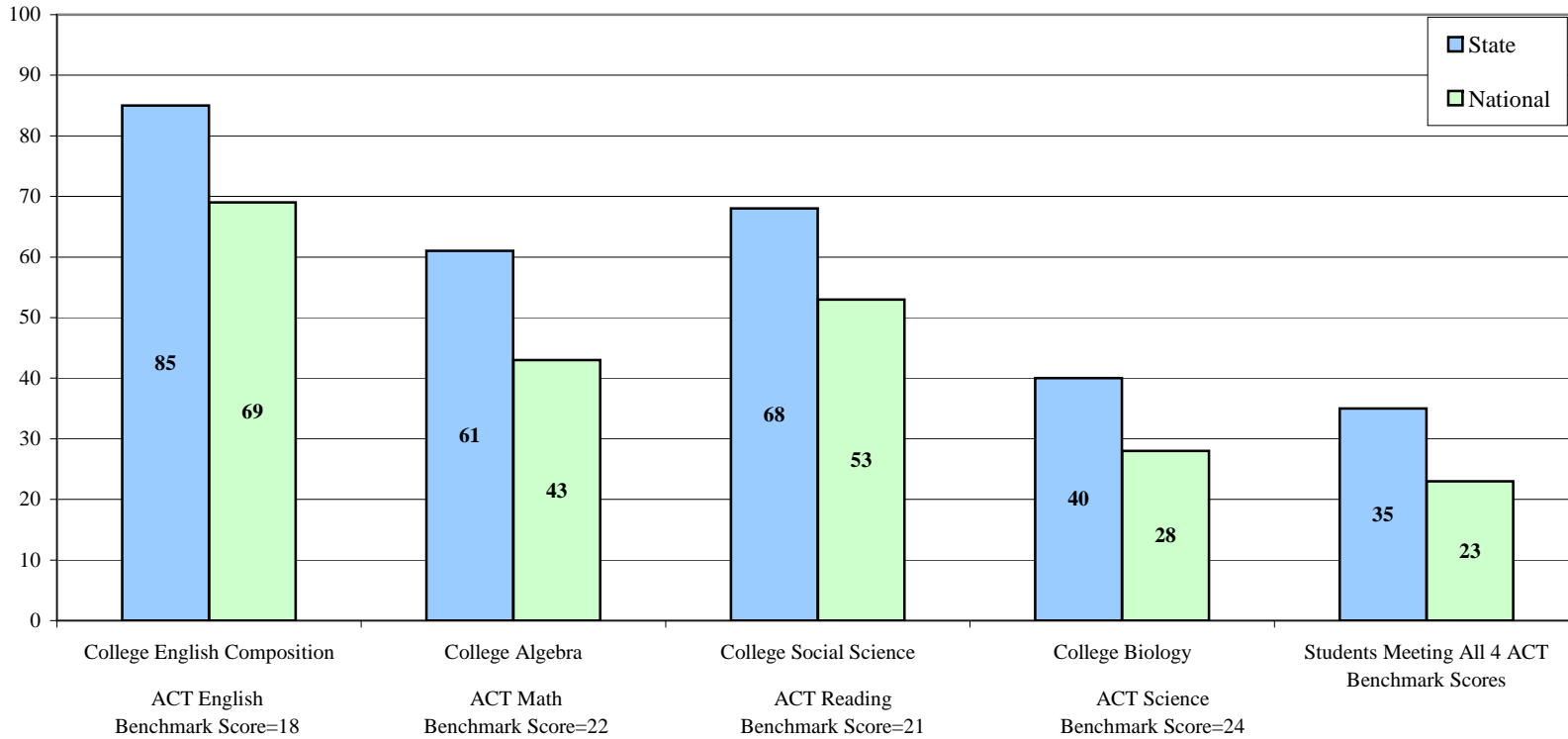
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS. Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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	2,791	1,175,059	77	67	51	40	62	52	31	26	27	20
2004	3,366	1,171,460	81	68	55	40	64	52	35	26	30	21
2005	4,035	1,186,251	80	68	57	41	67	51	36	26	31	21
2006	5,093	1,206,455	84	69	61	42	69	53	37	27	32	21
2007	6,651	1,300,599	85	69	61	43	68	53	40	28	35	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	2,791	1,175,059	21.8	20.3	21.9	20.6	22.7	21.2	21.5	20.8	22.1	20.8
2004	3,366	1,171,460	22.3	20.4	22.4	20.7	23.0	21.3	21.9	20.9	22.5	20.9
2005	4,035	1,186,251	22.5	20.4	22.7	20.7	23.4	21.3	22.0	20.9	22.8	20.9
2006	5,093	1,206,455	23.0	20.6	23.0	20.8	23.6	21.4	22.2	20.9	23.1	21.1
2007	6,651	1,300,599	23.2	20.7	23.2	21.0	23.6	21.5	22.4	21.0	23.2	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	963	982	35	35	22.5	21.0	22.4	21.1	23.4	21.9	22.1	20.9	22.7	21.4
2004	1,549	778	46	23	22.7	21.2	22.8	20.9	23.4	22.0	22.5	21.0	23.0	21.4
2005	1,880	1,034	47	26	22.9	21.7	23.0	21.8	23.8	22.7	22.5	21.3	23.2	22.0
2006	2,264	1,345	44	26	23.5	22.1	23.5	22.1	24.0	22.9	22.7	21.5	23.5	22.3
2007	2,918	1,683	44	25	23.7	22.4	23.5	22.3	24.1	22.9	22.9	21.8	23.7	22.5

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	2,791	100	22.1	3,366	100	22.5	4,035	100	22.8	5,093	100	23.1	6,651	100	23.2
African American/Black	243	9	16.9	254	8	18.0	260	6	17.7	278	5	19.0	360	5	18.3
American Indian/Alaska Native	2	0	20.0	9	0	17.9	8	0	23.8	18	0	21.2	20	0	21.5
Caucasian American/White	1,783	64	22.9	2,197	65	23.0	2,720	67	23.2	3,213	63	23.4	3,901	59	23.5
Hispanic	101	4	19.5	135	4	20.0	160	4	20.5	158	3	21.1	213	3	20.9
Asian American/Pacific Islander	92	3	23.1	125	4	23.1	141	3	24.0	144	3	23.8	178	3	24.6
Other/No Response	570	20	22.2	646	19	23.1	746	18	23.3	1,282	25	23.3	1,979	30	23.7

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	7	100	26	100	44	100	28	100	2	100	36
35	101	100	72	100	99	99	57	100	11	100	35
34	139	98	104	99	162	98	26	99	42	100	34
33	148	96	77	97	191	95	105	98	77	99	33
32	144	94	138	96	219	93	73	97	128	98	32
31	201	92	196	94	243	89	93	96	178	96	31
30	193	89	160	91	233	86	135	94	246	93	30
29	256	86	322	88	298	82	148	92	297	90	29
28	381	82	269	84	407	78	211	90	354	85	28
27	281	76	417	79	353	71	266	87	403	80	27
26	409	72	474	73	329	66	446	83	490	74	26
25	584	66	495	66	331	61	464	76	482	67	25
24	421	57	510	59	449	56	623	69	547	59	24
23	394	51	401	51	546	50	539	60	540	51	23
22	483	45	428	45	310	41	675	52	459	43	22
21	459	38	336	39	319	37	562	42	442	36	21
20	457	31	391	33	434	32	580	33	424	29	20
19	352	24	340	28	319	25	377	24	407	23	19
18	217	19	317	22	229	21	382	19	293	17	18
17	173	15	341	18	264	17	233	13	238	12	17
16	224	13	420	13	207	13	140	9	192	9	16
15	191	9	229	6	187	10	123	7	140	6	15
14	130	7	111	3	164	7	115	5	103	4	14
13	70	5	37	1	142	5	69	4	82	2	13
12	61	4	22	1	91	3	56	3	43	1	12
11	46	3	10	1	41	1	45	2	19	1	11
10	46	2	5	1	22	1	44	1	6	1	10
9	36	1	2	1	6	1	18	1	4	1	9
8	35	1	0	1	6	1	10	1	0	1	8
7	8	1	0	1	4	1	5	1	2	1	7
6	2	1	1	1	0	1	1	1	0	1	6
5	1	1	0	1	1	1	1	1	0	1	5
4	1	1	0	1	1	1	0	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)	23.2 (5.7)		23.2 (5.2)		23.6 (5.9)		22.4 (4.8)		23.2 (4.8)		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	273	100	54	100	165	100	364	100	381	100	96	100	122	100	18
17	598	96	160	99	534	98	573	95	474	94	112	99	91	98	17
16	398	87	491	97	499	89	676	86	587	87	243	97	302	97	16
15	373	81	716	89	428	82	732	76	590	78	511	93	639	92	15
14	739	75	695	79	549	76	650	65	701	69	669	86	711	83	14
13	599	64	769	68	494	67	654	55	803	59	1,001	75	833	72	13
12	719	55	854	57	902	60	573	45	601	47	728	60	779	59	12
11	616	44	935	44	721	46	489	37	516	38	758	49	812	48	11
10	661	35	653	30	552	35	509	29	614	30	1,021	38	824	36	10
9	465	25	490	20	487	27	389	22	340	21	545	23	626	23	9
8	415	18	376	13	609	20	300	16	419	16	391	15	361	14	8
7	292	12	190	7	269	11	208	11	407	9	225	9	238	8	7
6	189	8	112	4	189	7	301	8	145	3	144	5	109	5	6
5	157	5	82	2	113	4	145	4	45	1	116	3	73	3	5
4	88	2	55	1	84	2	62	1	19	1	15	1	53	2	4
3	51	1	16	1	41	1	17	1	8	1	60	1	49	1	3
2	16	1	3	1	8	1	9	1	0	1	0	1	6	1	2
1	2	1	0	1	7	1	0	1	1	1	16	1	23	1	1
Avg (SD)	11.9 (3.6)		11.9 (2.9)		11.8 (3.5)		12.5 (3.6)		12.5 (3.4)		11.5 (2.9)		11.6 (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	27	28	25	27
Q2 (50th Percentile)	23	23	24	22	23
Q1 (25th Percentile)	20	19	19	20	20

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	6,651	44	23.7	22.5
	African Am./Black	360	45	18.9	17.5
	Am. Indian/Alaska Native	20	50	20.9	20.8
	Caucasian Am./White	3,901	49	24.1	23.0
	Hispanic	213	41	21.2	20.4
	Asian Am./Pacific Islander	178	51	25.3	23.8
	Other/No Response	1,979	34	23.9	22.8
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	23.2	23.2	23.6	22.4	23.2
	African Am./Black	17.7	18.3	18.7	18.0	18.3
	Am. Indian/Alaska Native	21.8	22.8	20.3	20.8	21.5
	Caucasian Am./White	23.5	23.4	23.9	22.8	23.5
	Hispanic	20.6	21.0	21.3	20.4	20.9
	Asian Am./Pacific Islander	24.1	25.9	24.4	23.4	24.6
	Other/No Response	23.9	23.6	24.1	22.8	23.7
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	395	6	279	4	496	7	216	3
	28 to 32	1,175	18	1,085	16	1,400	21	660	10
	24 to 27	1,695	25	1,896	29	1,462	22	1,799	27
	20 to 23	1,793	27	1,556	23	1,609	24	2,356	35
	16 to 19	966	15	1,418	21	1,019	15	1,132	17
	13 to 15	391	6	377	6	493	7	307	5
	01 to 12	236	4	40	1	172	3	181	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	2,441	37	22.4	23.7	23.0	22.6	23.0
	Females	3,359	51	23.8	22.7	24.1	22.3	23.4
	Missing	851	13	23.5	23.1	23.8	22.6	23.4
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	80	65	64	43	38
	Females	87	59	71	38	34
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

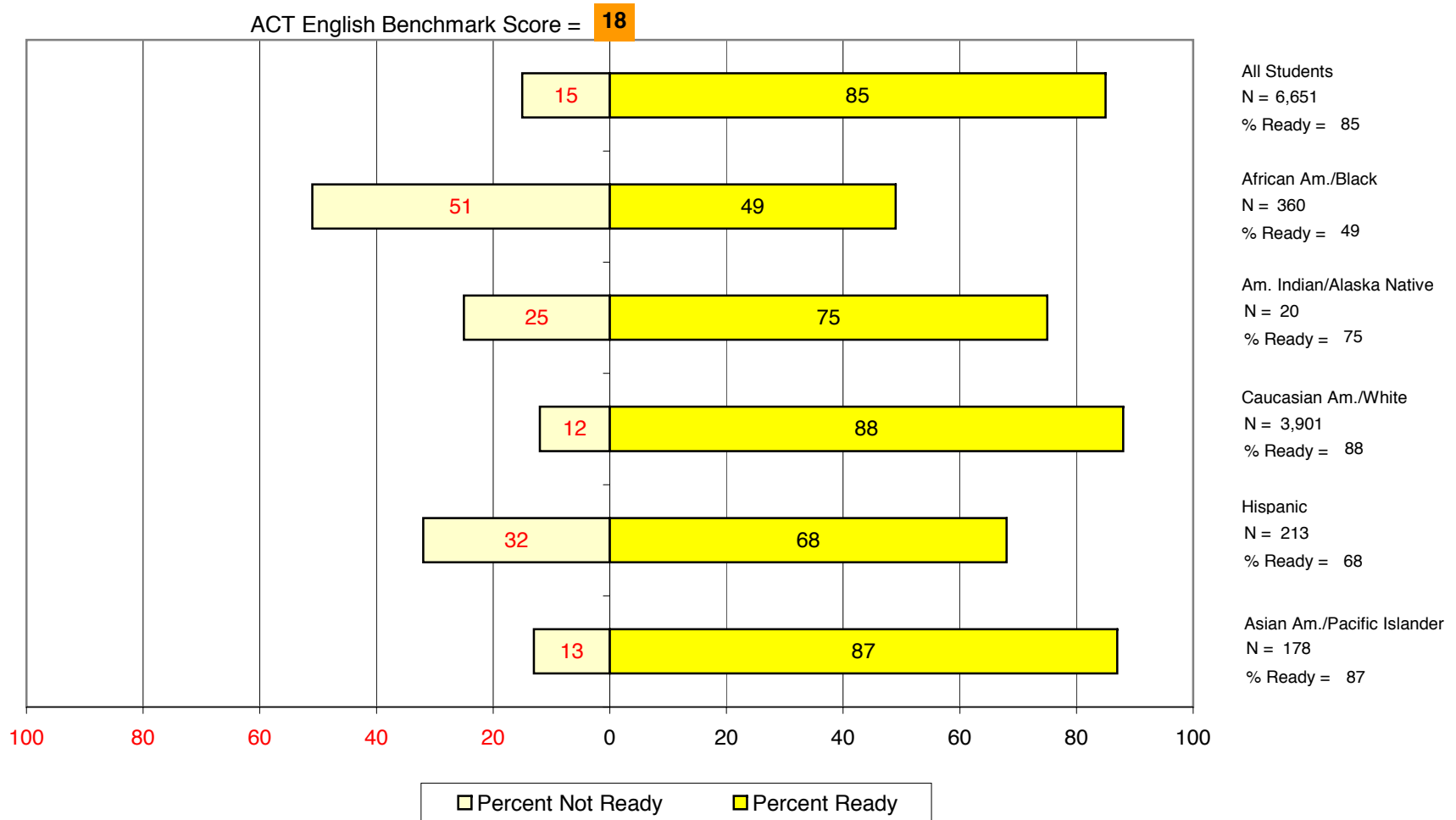


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

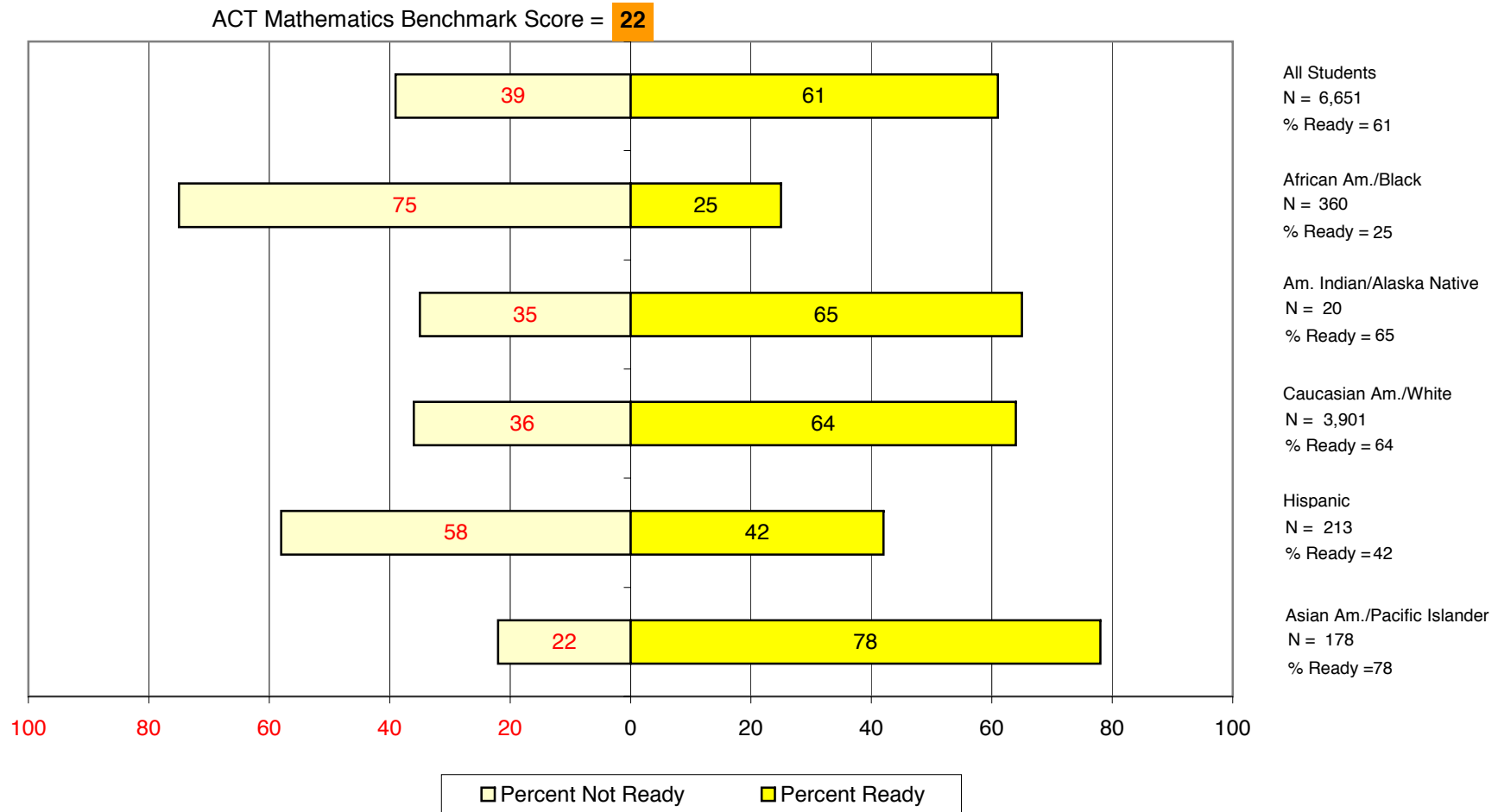


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: **READING**

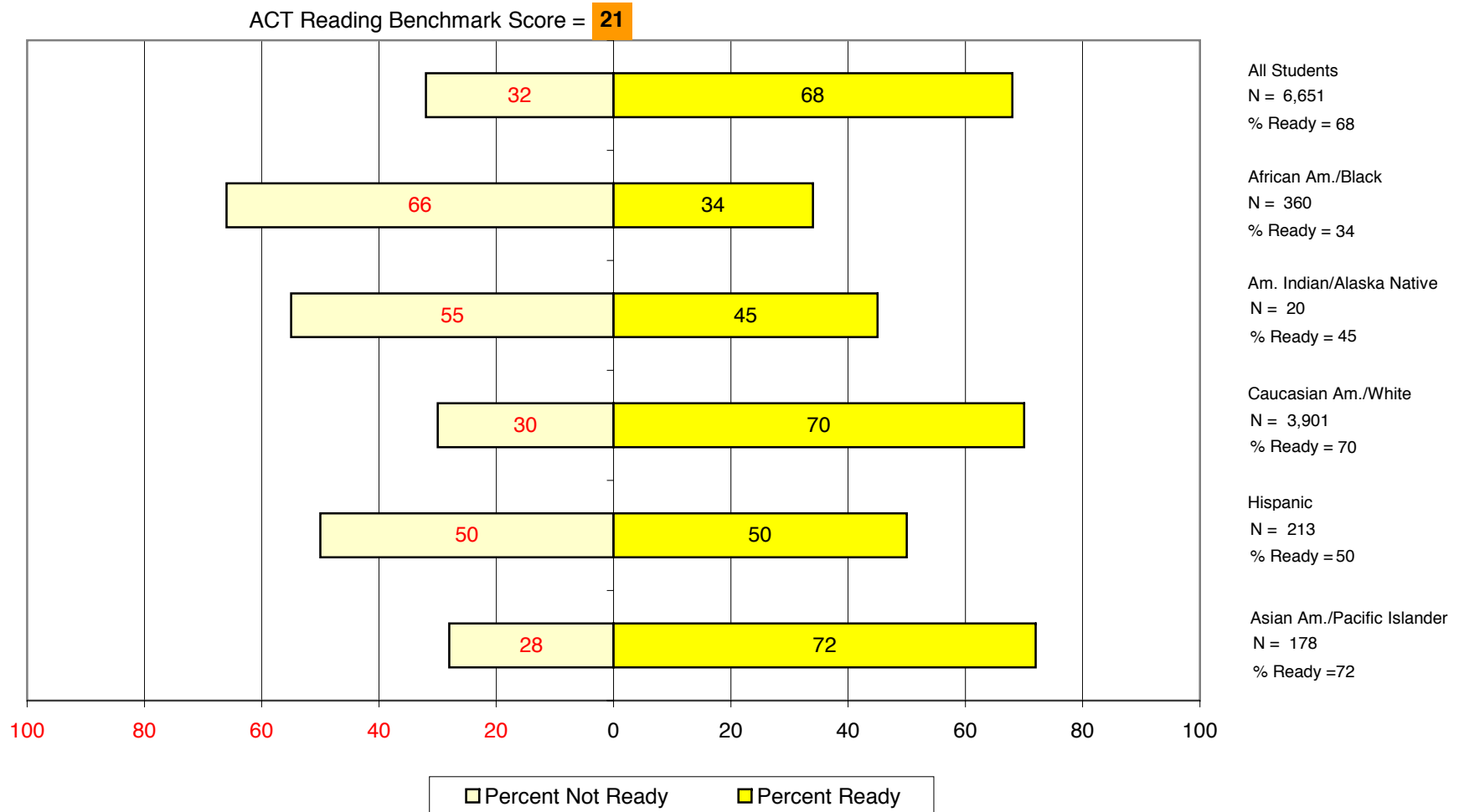


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

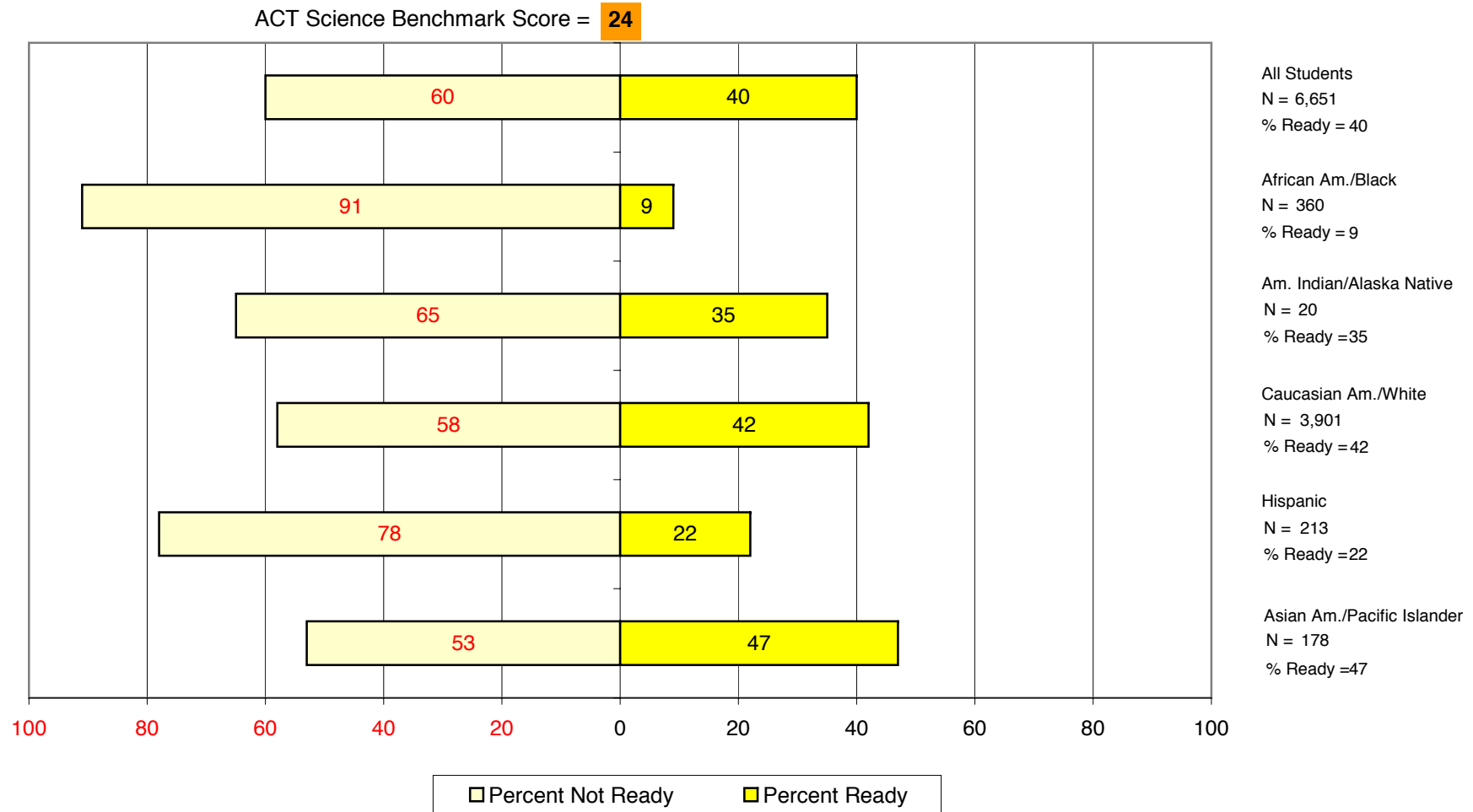


Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

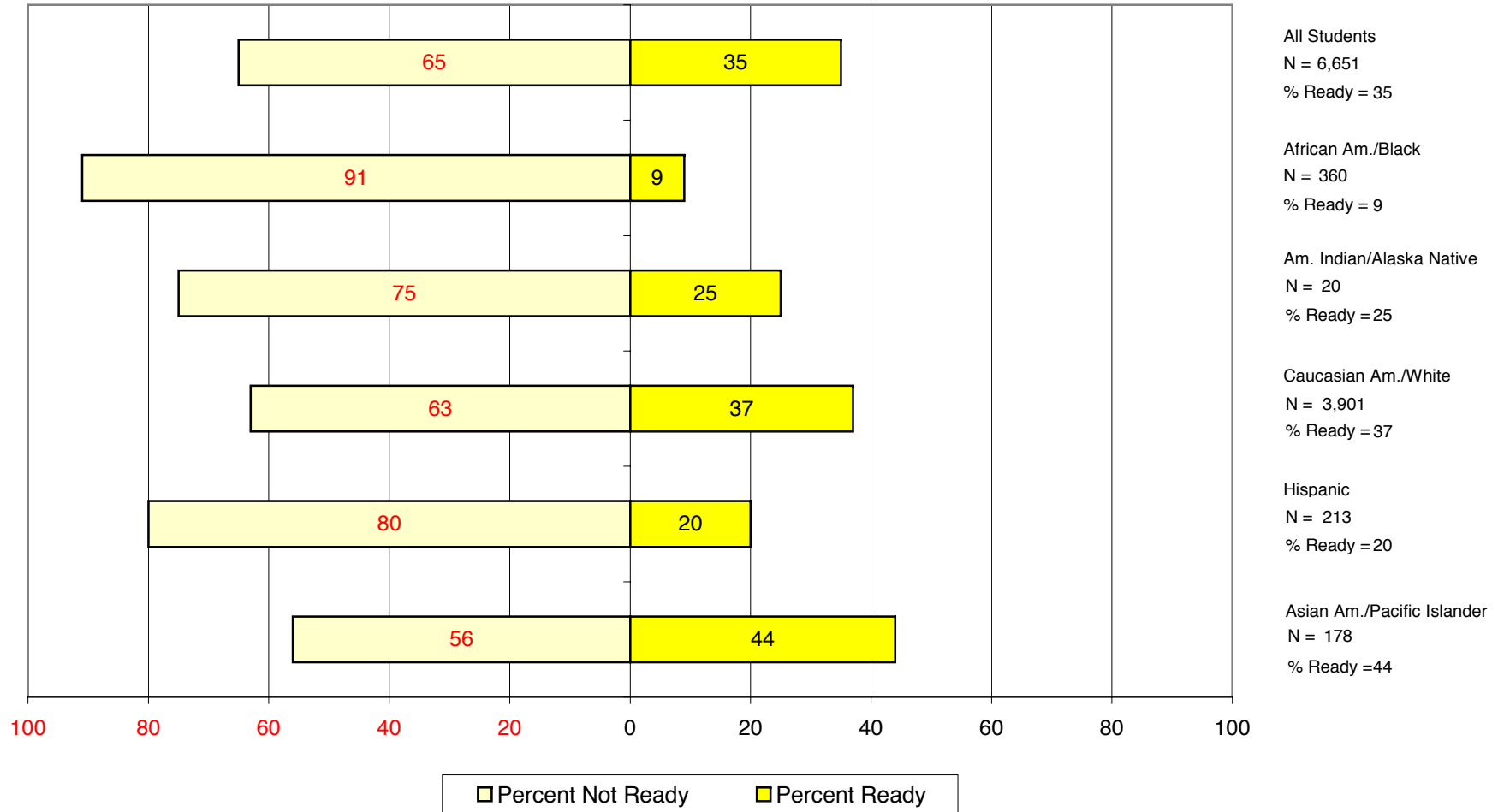


Table 3.1. Average ACT Scores and ACT Average Score Changes by Common Course Patterns

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	775	12	23.9	1.1	217	9	23.1	0.7	478	14	24.3	1.2
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	3,126	47	23.2	0.4	1,112	46	22.6	0.2	1,712	51	23.6	0.5
Less than 4 years of English	675	10	22.8	-	284	12	22.4	-	304	9	23.1	-
No English course/grade information reported	2,075	31	23.2	-	828	34	21.8	-	865	26	24.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	421	6	26.9	5.9	156	6	28.0	6.4	230	7	26.4	5.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	405	6	23.4	2.4	121	5	23.6	2.0	244	7	23.4	2.5
Alg 1, Alg 2, Geom, & Trig	410	6	22.1	1.1	151	6	22.5	0.9	214	6	22.0	1.1
Alg 1, Alg 2, Geom, & Other Adv Math	892	13	21.7	0.7	264	11	22.4	0.8	534	16	21.4	0.5
Other comb of 4 or more years of Math	1,061	16	26.3	5.3	441	18	27.2	5.6	522	16	25.6	4.7
Alg 1, Alg 2, & Geom (Min. Core)	555	8	18.6	-2.4	182	7	19.4	-2.2	310	9	18.2	-2.7
Other comb of 3 or 3.5 years of Math	285	4	23.4	2.4	98	4	23.5	1.9	162	5	23.1	2.2
Less than 3 years of Math	466	7	21.0	-	167	7	21.6	-	247	7	20.9	-
No Math course/grade information reported	2,156	32	23.2	-	861	35	23.2	-	896	27	23.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	506	8	24.6	1.2	196	8	23.6	0.6	267	8	25.3	1.6
Other comb of 4 or more years Social Science	1,130	17	23.9	0.5	340	14	23.5	0.5	656	20	24.0	0.3
US Hist, World Hist, & Am Gov (Min. Core)	554	8	22.9	-0.5	223	9	22.8	-0.2	271	8	23.1	-0.6
Other comb of 3 or 3.5 years of Social Science	1,246	19	23.7	0.3	410	17	23.4	0.4	736	22	24.1	0.4
Less than 3 years of Social Science	1,019	15	23.4	-	397	16	23.0	-	513	15	23.7	-
No Soc Sci course/grade information reported	2,196	33	23.5	-	875	36	22.5	-	916	27	24.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,826	27	23.4	2.6	703	29	24.0	2.7	934	28	23.0	2.3
Bio, Chem, Phys	703	11	24.7	3.9	238	10	25.2	3.9	408	12	24.5	3.8
Gen Sci ² , Bio, Chem (Min. Core)	1,189	18	20.8	0.0	356	15	20.7	-0.6	708	21	20.8	0.1
Other comb of 3 years of Natural Science	75	1	20.8	0.0	38	2	21.7	0.4	29	1	20.0	-0.7
Less than 3 years of Natural Science	642	10	20.8	-	222	9	21.3	-	353	11	20.7	-
No Nat Sci course/grade information reported	2,216	33	22.3	-	884	36	22.0	-	927	28	22.3	-

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	775	12	23.9	87	191,202	15	22.2	79
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	3,126	47	23.2	84	766,001	59	20.5	68
Less than 4 years of English	675	10	22.8	83	141,777	11	19.7	64
No English course/grade information reported	2,075	31	23.2	85	201,619	16	20.7	69
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	421	6	26.9	91	75,970	6	24.8	75
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	405	6	23.4	71	87,647	7	22.4	58
Alg 1, Alg 2, Geom, & Trig	410	6	22.1	53	100,139	8	20.5	40
Alg 1, Alg 2, Geom, & Other Adv Math	892	13	21.7	52	163,562	13	20.4	38
Other comb of 4 or more years of Math	1,061	16	26.3	84	239,187	18	24.3	69
Alg 1, Alg 2, & Geom (Min. Core)	555	8	18.6	23	218,745	17	17.9	15
Other comb of 3 or 3.5 years of Math	285	4	23.4	63	57,945	4	20.9	43
Less than 3 years of Math	466	7	21.0	44	145,617	11	18.3	21
No Math course/grade information reported	2,156	32	23.2	62	211,787	16	21.1	44
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	506	8	24.6	74	31,985	2	22.7	61
Other comb of 4 or more years Social Science	1,130	17	23.9	70	448,356	34	22.0	56
US Hist, World Hist, & Am Gov (Min. Core)	554	8	22.9	62	72,952	6	20.8	48
Other comb of 3 or 3.5 years of Social Science	1,246	19	23.7	68	333,689	26	21.4	52
Less than 3 years of Social Science	1,019	15	23.4	65	201,605	16	20.6	47
No Soc Sci course/grade information reported	2,196	33	23.5	69	212,012	16	21.5	53
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	1,826	27	23.4	48	333,648	26	22.4	40
Bio, Chem, Phys	703	11	24.7	60	115,297	9	23.4	48
Gen Sci ¹ , Bio, Chem (Min. Core)	1,189	18	20.8	25	353,348	27	20.2	20
Other comb of 3 years of Natural Science	75	1	20.8	31	32,593	3	20.4	24
Less than 3 years of Natural Science	642	10	20.8	28	247,312	19	19.1	15
No Nat Sci course/grade information reported	2,216	33	22.3	40	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	22	0	22.9	1	3	19.0	19	0	23.2
Architecture & Environmental Design	45	1	22.9	1	3	19.0	44	1	23.0
Business & Management	344	5	22.1	1	3	15.0	325	8	22.2
Business & Office	11	0	20.0	0	0	.	9	0	20.3
Marketing & Distribution	36	1	23.0	0	0	.	33	1	23.4
Communications & Comm. Technologies	140	2	22.9	0	0	.	132	3	22.9
Community & Personal Services	49	1	19.2	4	13	18.0	43	1	19.5
Computer & Information Sciences	57	1	24.1	0	0	.	52	1	24.3
Cross-Disciplinary Studies	12	0	24.7	0	0	.	12	0	24.7
Education	147	2	22.2	0	0	.	139	3	22.4
Teacher Education	82	1	19.9	0	0	.	75	2	20.0
Engineering	102	2	25.6	1	3	14.0	97	2	25.5
Engineering-Related Technologies	70	1	24.8	1	3	25.0	66	2	24.6
Foreign Languages	29	0	25.4	0	0	.	27	1	25.3
Health Sciences & Allied Health Fields	460	7	22.2	2	6	15.0	439	11	22.3
Human, Family & Consumer Science	24	0	18.0	0	0	.	21	1	18.3
Letters	29	0	25.5	0	0	.	28	1	25.5
Mathematics	24	0	26.2	0	0	.	23	1	26.2
Philosophy, Religion & Theology	9	0	24.0	0	0	.	9	0	24.0
Sciences (Biological & Physical)	253	4	25.4	1	3	14.0	241	6	25.5
Social Sciences	317	5	23.8	2	6	17.5	299	7	23.8
Trade & Industrial	10	0	16.3	4	13	16.0	5	0	17.4
Visual & Performing Arts	205	3	22.5	2	6	11.0	182	5	22.7
Undecided	851	13	23.0	4	13	17.0	758	19	23.0
No Response	3,323	50	23.5	8	25	16.4	942	23	23.3

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	11.5	1	9.0	0	.	0	.	0	.	0	.	1	14.0
2-yr College Degree	30	16.8	5	15.2	0	.	16	18.0	3	13.3	0	.	6	16.8
Bachelors Degree	1,282	21.2	76	15.7	6	18.8	885	21.7	46	19.1	16	21.4	253	21.6
Graduate Study	1,465	23.6	65	18.6	0	.	1,013	24.0	36	22.2	41	23.4	310	23.4
Prof. Level Degree	1,273	24.6	110	20.4	5	24.0	728	25.3	59	22.2	70	25.6	301	24.8
Other	71	19.2	14	15.2	1	15.0	31	20.5	2	16.5	1	27.0	22	19.9
No Response	2,528	23.6	89	18.4	8	22.6	1,228	23.6	67	21.0	50	25.2	1,086	24.2

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 CONNECTICUT	Connecticut	874	357	517	1	3	16	32	30	16	1
CENTRAL CONNECTICUT STATE UNIVERSITY	Connecticut	295	88	207	2	11	40	31	12	4	0
SOUTHERN CONNECTICUT STATE UNIVERSITY	Connecticut	244	38	206	5	18	39	25	11	2	0
QUINNIPIAC UNIVERSITY	Connecticut	215	53	162	0	5	28	35	24	7	0
EASTERN CONNECTICUT STATE UNIVERSITY	Connecticut	213	59	154	1	13	36	33	14	3	0
BOSTON UNIVERSITY	Massachusetts	196	67	129	0	2	6	22	44	25	2
NORTHEASTERN UNIVERSITY	Massachusetts	196	43	153	1	2	7	32	38	19	1
BOSTON COLLEGE	Massachusetts	164	54	110	0	1	3	16	39	35	6
WESTERN CONNECTICUT STATE UNIVERSITY	Connecticut	163	34	129	1	17	40	24	17	1	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	150	12	138	1	2	21	45	25	6	0
SACRED HEART UNIVERSITY	Connecticut	131	28	103	1	7	28	35	26	3	0
FAIRFIELD UNIVERSITY	Connecticut	119	31	88	1	5	13	27	40	13	1
YALE UNIVERSITY	Connecticut	116	50	66	1	3	11	16	26	36	7
UNIVERSITY OF VERMONT	Vermont	112	19	93	1	0	9	34	38	17	1
FORDHAM UNIVERSITY	New York	110	30	80	1	1	5	25	42	24	2
UNIVERSITY OF HARTFORD	Connecticut	110	19	91	0	12	35	25	16	10	1
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	105	15	90	1	4	17	39	27	12	0
SALVE REGINA UNIVERSITY	Rhode Island	98	23	75	0	6	27	41	24	2	0
NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE	Iowa	96	58	38	2	14	22	30	22	10	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	96	11	85	0	3	27	44	21	5	0
NEW YORK UNIVERSITY	New York	94	26	68	2	1	6	24	38	26	2
PROVIDENCE COLLEGE	Rhode Island	90	14	76	1	1	8	26	43	19	2
MARIST COLLEGE	New York	85	17	68	0	5	14	32	35	14	0
VILLANOVA UNIVERSITY	Pennsylvania	84	25	59	0	0	1	23	39	32	5
BROWN UNIVERSITY	Rhode Island	82	26	56	1	0	5	11	20	54	10
UNIVERSITY OF NEW HAVEN	Connecticut	80	20	60	3	10	38	36	11	3	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	78	13	65	0	1	15	37	35	12	0
TUFTS UNIVERSITY	Massachusetts	75	17	58	0	0	4	9	36	41	9
CONNECTICUT COLLEGE	Connecticut	74	36	38	0	5	16	36	19	22	1
BRYANT UNIVERSITY	Rhode Island	71	21	50	0	1	31	48	14	6	0
All Other Institutions		5,618	1,390	4,228	1	6	19	28	26	17	2
Total		10,234	2,694	7,540	1	6	20	29	26	16	2

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	5,038	532,943	24.1	22.3	8.7	7.6	24.2	21.8
African Am./Black	221	50,340	19.3	17.2	8.0	6.7	20.0	17.3
Am. Indian/Alaska Native	14	3,462	22.6	19.8	7.3	7.0	21.7	19.4
Caucasian Am./White	2,938	308,578	24.3	23.4	8.8	7.6	24.4	22.6
Hispanic	148	42,588	21.4	18.8	8.3	7.3	21.9	19.0
Asian Am./Pacific Islander	150	25,616	24.7	23.2	8.8	8.0	24.7	22.8
Other/No Response	1,567	102,359	24.7	23.2	8.8	7.8	24.7	22.7
Males	1,779	204,427	23.3	22.0	8.3	7.3	23.2	21.3
Females	2,605	285,556	24.7	22.5	8.9	7.7	24.8	22.1
Missing	654	42,960	24.3	23.0	8.9	7.8	24.5	22.6

