

ACT Profile Report - State

Graduating Class 2010
Connecticut



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This report provides information about the performance of your 2010 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2010 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state 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, or the state.

Furthermore, 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. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

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

39% of your students 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: 10,453 of your students 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. 82% 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 1% of the cohort took less than three years of math courses. Of these students, 19% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 70% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry 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 5% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 47% 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 26% 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.

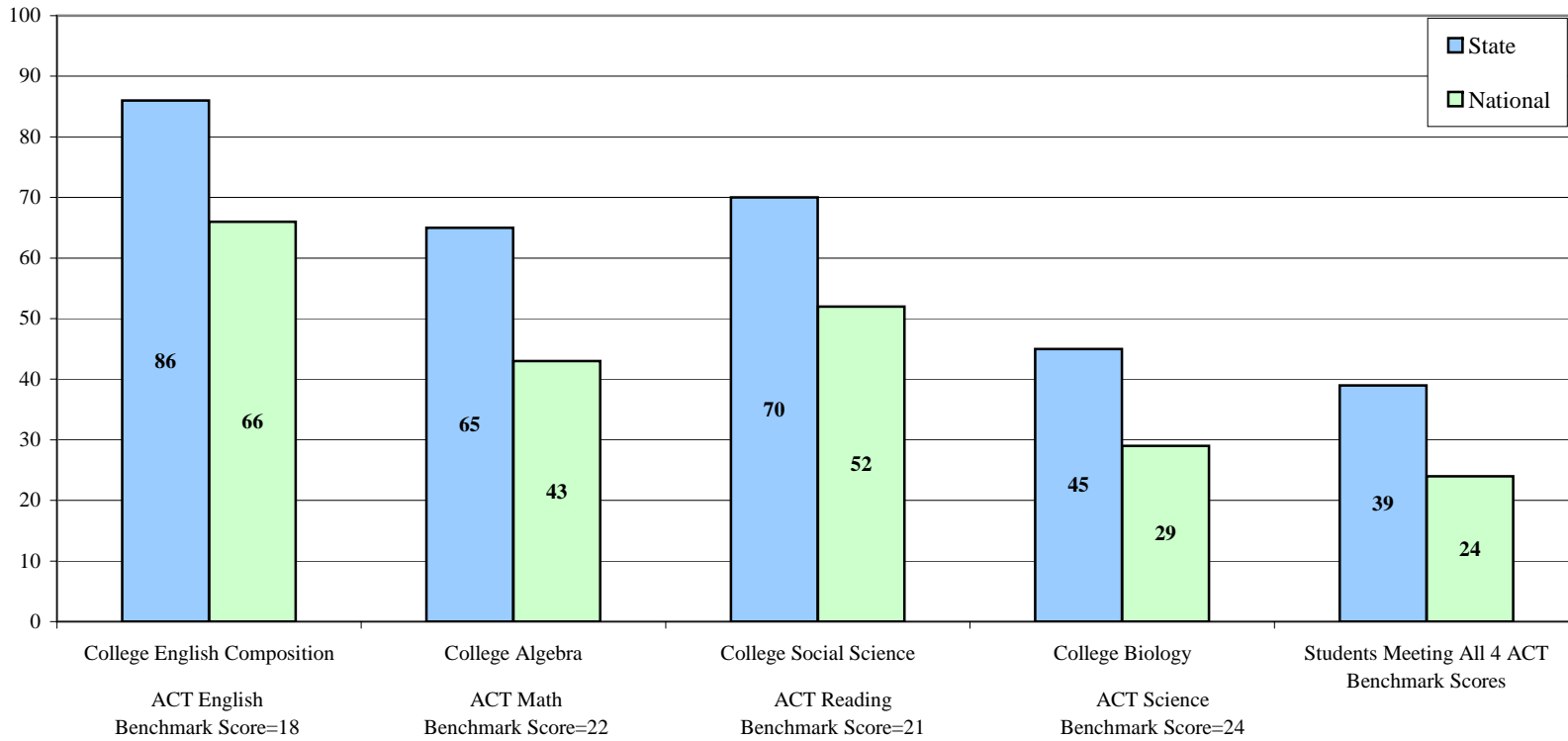
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 508-229-0111.

Section I

Executive Summary

Total Students in Report: 10,453

Figure 1.1. Percent of Your 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.

Total Students in Report: 10,453

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

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
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
2008	8,159	1,421,941	84	68	62	43	69	53	40	28	34	22
2009	9,240	1,480,469	85	67	63	42	71	53	41	28	37	23
2010	10,453	1,568,835	86	66	65	43	70	52	45	29	39	24

Table 1.2. Five Year Trends—Average ACT Scores

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
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
2008	8,159	1,421,941	23.2	20.6	23.3	21.0	23.6	21.4	22.3	20.8	23.3	21.1
2009	9,240	1,480,469	23.6	20.6	23.5	21.0	24.0	21.4	22.6	20.9	23.5	21.1
2010	10,453	1,568,835	23.8	20.5	23.5	21.0	23.9	21.3	22.9	20.9	23.7	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0

Total Students in Report: 10,453

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	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
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
2008	5,039	1,798	62	22	23.5	22.3	23.5	22.3	23.8	22.7	22.6	21.5	23.5	22.4
2009	7,318	1,590	79	17	24.0	22.5	23.8	22.4	24.4	22.8	22.9	21.8	23.9	22.5
2010	8,561	1,687	82	16	24.1	22.6	23.8	22.4	24.2	22.7	23.2	21.8	24.0	22.5

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

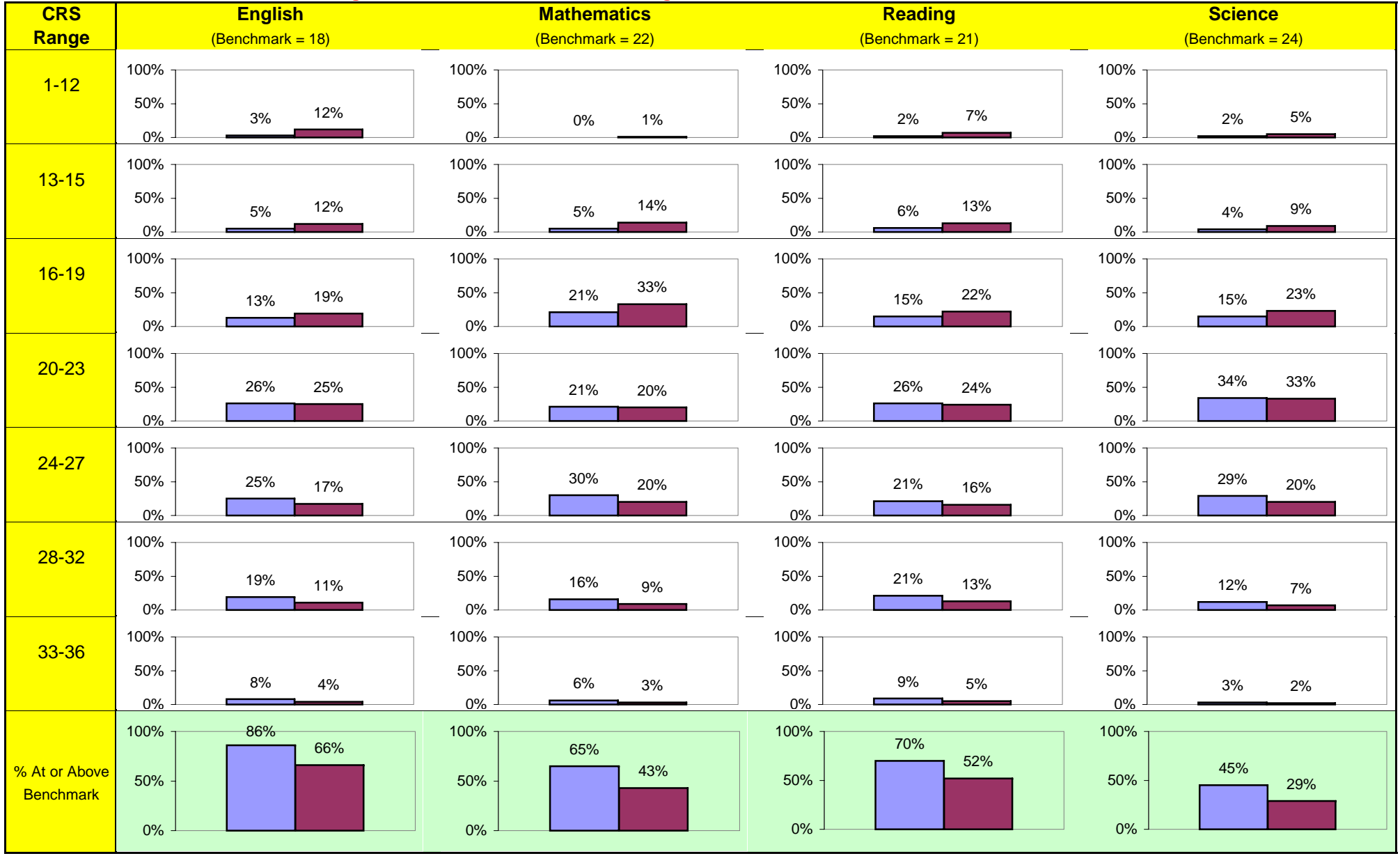
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2006			2007			2008			2009			2010		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	5,093	100	23.1	6,651	100	23.2	8,159	100	23.3	9,240	100	23.5	10,453	100	23.7
African American/Black	278	5	19.0	360	5	18.3	410	5	18.4	462	5	18.4	545	5	18.8
American Indian/Alaska Native	18	0	21.2	20	0	21.5	22	0	21.7	18	0	20.5	25	0	21.1
Caucasian American/White	3,213	63	23.4	3,901	59	23.5	5,369	66	23.4	6,856	74	23.8	7,910	76	24.0
Hispanic	158	3	21.1	213	3	20.9	348	4	20.9	411	4	21.1	476	5	21.6
Asian American/Pacific Islander	144	3	23.8	178	3	24.6	265	3	24.8	338	4	25.1	459	4	25.7
Other/No Response	1,282	25	23.3	1,979	30	23.7	1,745	21	24.2	1,155	13	24.3	1,038	10	23.6

Total Students in Report: 10,453

Table 1.6. Percent of Students in College Readiness Standards Score Ranges



State

National

Section II

Academic Achievement

Total Students in Report: 10,453

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	53	100	42	100	101	100	59	100	6	100	36
35	227	99	163	100	140	99	99	99	48	100	35
34	258	97	193	98	311	98	77	98	121	99	34
33	295	95	227	96	341	95	121	98	153	98	33
32	235	92	206	94	414	91	67	97	226	97	32
31	316	90	263	92	362	87	206	96	307	95	31
30	417	87	371	90	510	84	276	94	407	92	30
29	437	83	287	86	448	79	291	91	508	88	29
28	586	79	535	83	487	75	412	89	614	83	28
27	550	73	684	78	544	70	603	85	689	77	27
26	663	68	789	72	496	65	540	79	733	71	26
25	726	61	814	64	653	60	1,010	74	783	64	25
24	705	54	900	56	516	54	928	64	841	56	24
23	680	48	751	48	666	49	990	55	785	48	23
22	649	41	612	40	729	43	870	46	795	40	22
21	764	35	384	35	575	36	853	37	683	33	21
20	604	28	493	31	707	30	851	29	622	26	20
19	470	22	525	26	462	23	505	21	505	20	19
18	315	17	496	21	378	19	497	16	450	16	18
17	299	14	570	16	425	15	305	11	327	11	17
16	306	12	592	11	257	11	231	9	313	8	16
15	241	9	336	5	245	9	210	6	203	5	15
14	200	6	135	2	258	7	124	4	139	3	14
13	97	4	48	1	168	4	115	3	97	2	13
12	68	3	21	1	117	2	81	2	50	1	12
11	112	3	9	1	76	1	52	1	30	1	11
10	68	2	4	1	41	1	35	1	8	1	10
9	48	1	2	1	11	1	20	1	7	1	9
8	32	1	0	1	6	1	11	1	2	1	8
7	22	1	0	1	3	1	3	1	1	1	7
6	8	1	0	1	2	1	4	1	0	1	6
5	2	1	0	1	1	1	1	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	1	1	6	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	1	1	2	1	0	1	0	1	1
Avg (SD)	23.8 (5.8)		23.5 (5.3)		23.9 (6.0)		22.9 (4.8)		23.7 (4.9)		Avg (SD)

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

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 10,453

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

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	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	816	100	215	100	387	100	494	100	874	100	198	100	174	100	18
17	723	92	160	98	777	96	1,465	95	903	92	267	98	161	98	17
16	830	85	993	96	997	89	720	81	922	83	562	96	574	97	16
15	1,011	77	1,228	87	852	79	1,173	74	1,030	74	551	90	990	91	15
14	857	68	1,025	75	878	71	572	63	990	64	1,403	85	1,239	82	14
13	911	59	1,260	65	841	63	998	58	943	55	1,471	71	1,357	70	13
12	845	51	1,394	53	1,098	55	980	48	927	46	1,226	57	1,381	57	12
11	900	43	1,339	40	969	44	1,157	39	993	37	1,476	46	1,035	44	11
10	1,173	34	809	27	962	35	735	28	745	27	1,079	32	1,354	34	10
9	737	23	809	19	1,021	26	540	21	718	20	956	21	825	21	9
8	497	16	486	12	662	16	483	15	629	13	574	12	567	13	8
7	440	11	328	7	500	10	385	11	482	7	299	7	294	8	7
6	299	7	129	4	210	5	326	7	191	3	136	4	188	5	6
5	176	4	113	3	163	3	272	4	64	1	131	2	125	3	5
4	140	2	105	2	63	1	104	1	34	1	38	1	72	2	4
3	64	1	48	1	40	1	31	1	5	1	57	1	62	1	3
2	31	1	11	1	25	1	16	1	2	1	0	1	43	1	2
1	3	1	1	1	8	1	2	1	1	1	29	1	12	1	1
Avg (SD)	12.3 (3.7)		12.1 (3.0)		12.1 (3.5)		12.5 (3.6)		12.8 (3.4)		11.8 (2.9)		11.7 (3.0)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	28	27	29	26	27
Q2 (50th Percentile)	24	24	24	23	24
Q1 (25th Percentile)	20	19	20	20	20

Total Students in Report: 10,453

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	10,453	82	24.0	22.5
	African American/Black	545	71	19.0	18.3
	American Indian/Alaska Native	25	80	21.4	20.0
	Caucasian American/White	7,910	84	24.2	22.8
	Hispanic	476	77	22.3	19.7
	Asian American/Pacific Islander	459	80	25.8	25.7
	Other/No Response	1,038	73	24.0	23.5
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	23.8	23.5	23.9	22.9	23.7
	African American/Black	18.3	18.9	18.7	18.7	18.8
	American Indian/Alaska Native	19.7	21.2	21.8	21.3	21.1
	Caucasian American/White	24.2	23.8	24.3	23.3	24.0
	Hispanic	21.5	21.4	22.0	21.2	21.6
	Asian American/Pacific Islander	25.5	26.9	25.3	24.7	25.7
	Other/No Response	23.7	23.8	23.8	22.8	23.6
National	All Students	20.5	21.0	21.3	20.9	21.0
	African American/Black	15.7	17.1	16.8	17.2	16.9
	American Indian/Alaska Native	17.9	18.8	19.4	19.3	19.0
	Caucasian American/White	22.0	22.0	22.6	22.0	22.3
	Hispanic	17.3	19.0	18.7	18.7	18.6
	Asian American/Pacific Islander	22.6	24.7	22.9	23.0	23.4
	Other/No Response	20.0	20.7	20.9	20.4	20.6

Total Students in Report: 10,453

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	833	8	625	6	893	9	356	3
	28 to 32	1,991	19	1,662	16	2,221	21	1,252	12
	24 to 27	2,644	25	3,187	30	2,209	21	3,081	29
	20 to 23	2,697	26	2,240	21	2,677	26	3,564	34
	16 to 19	1,390	13	2,183	21	1,522	15	1,538	15
	13 to 15	538	5	519	5	671	6	449	4
	01 to 12	360	3	37	0	260	2	213	2
National	33 to 36	66,467	4	46,930	3	76,605	5	30,627	2
	28 to 32	165,254	11	142,908	9	211,021	13	111,377	7
	24 to 27	268,486	17	319,044	20	248,190	16	317,878	20
	20 to 23	386,648	25	318,678	20	383,226	24	513,801	33
	16 to 19	302,869	19	518,636	33	340,348	22	368,286	23
	13 to 15	191,597	12	213,176	14	201,824	13	148,317	9
	01 to 12	187,514	12	9,463	1	107,621	7	78,549	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	4,603	44	23.0	24.1	23.5	23.3	23.6
	Females	5,834	56	24.3	23.1	24.3	22.6	23.7
	Missing	16	0	21.6	20.8	21.9	20.2	21.3
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	83	69	67	49	42
	Females	88	63	72	42	37
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 10,453

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	8,561	88	24.1	68	23.8	72	24.2	47	23.2	41	24.0
	Less than Core	1,687	77	22.6	54	22.4	61	22.7	36	21.8	32	22.5
	Missing ³	205	61	20.1	45	21.1	50	20.9	26	19.9	22	20.7
National	Core or More	1,118,639	74	21.6	51	21.9	58	22.2	35	21.7	29	22.0
	Less than Core	397,685	50	18.1	26	18.9	37	19.2	17	19.0	13	18.9
	Missing	52,511	33	15.5	16	17.4	24	17.1	10	17.3	7	16.9

¹ "Curriculum Taken" reflects overall high school curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite CRB% results reflect students who meet all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	10,098	86	23.9	10,106	66	23.7	9,122	70	24.0	9,755	47	23.2
	Less than Core	159	70	20.7	148	19	17.8	1,134	67	23.7	498	18	19.4
	Missing ³	196	61	20.0	199	45	21.1	197	50	20.9	200	27	19.9
National	Core or More	1,451,549	69	20.8	1,423,506	47	21.4	1,366,601	54	21.6	1,290,372	33	21.5
	Less than Core	74,180	39	16.4	97,949	7	16.4	156,679	39	19.5	231,566	12	18.3
	Missing	43,106	34	15.7	47,380	16	17.5	45,555	25	17.3	46,897	10	17.4

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

² "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

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

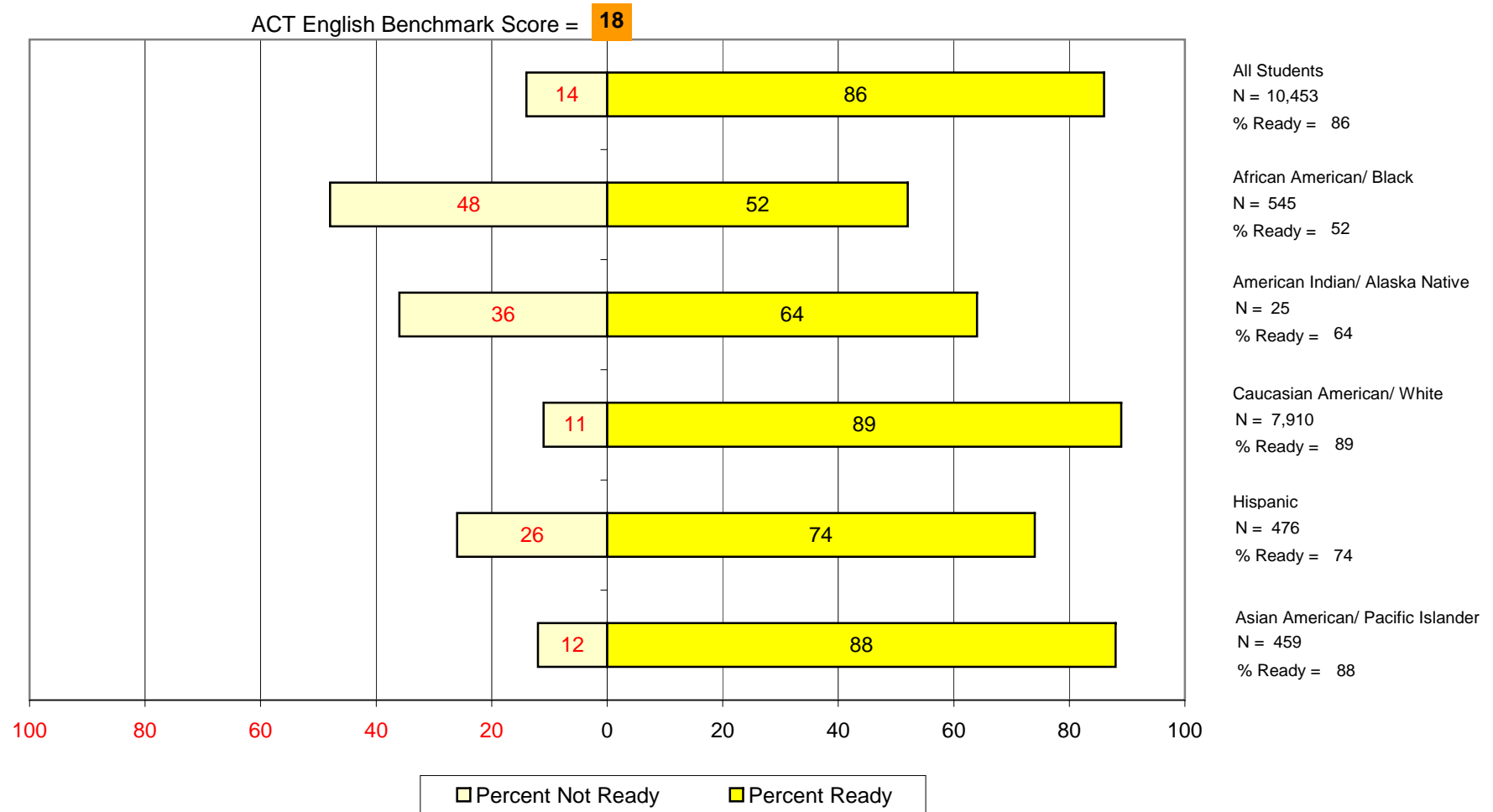
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

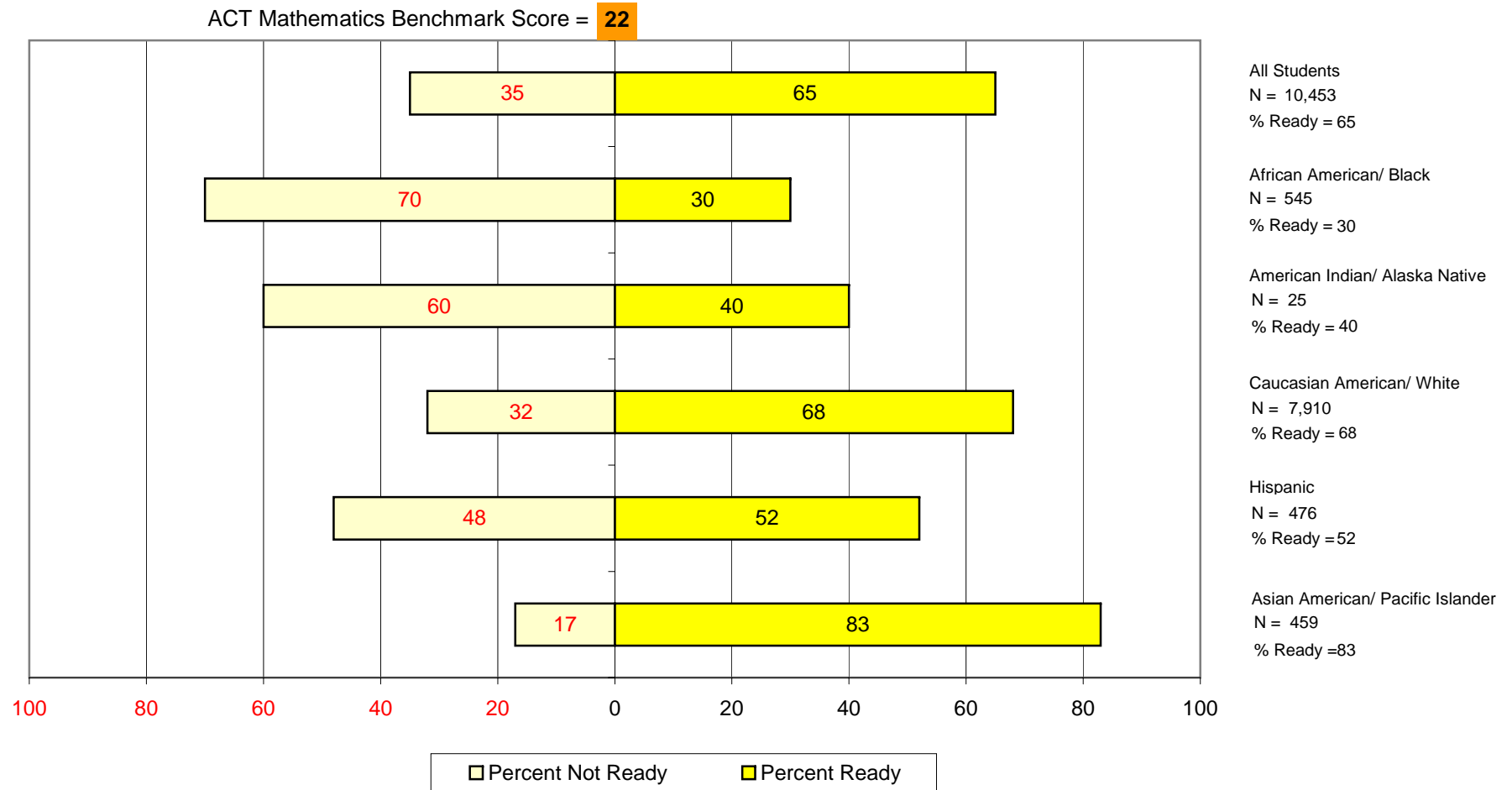
Total Students in Report: 10,453

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



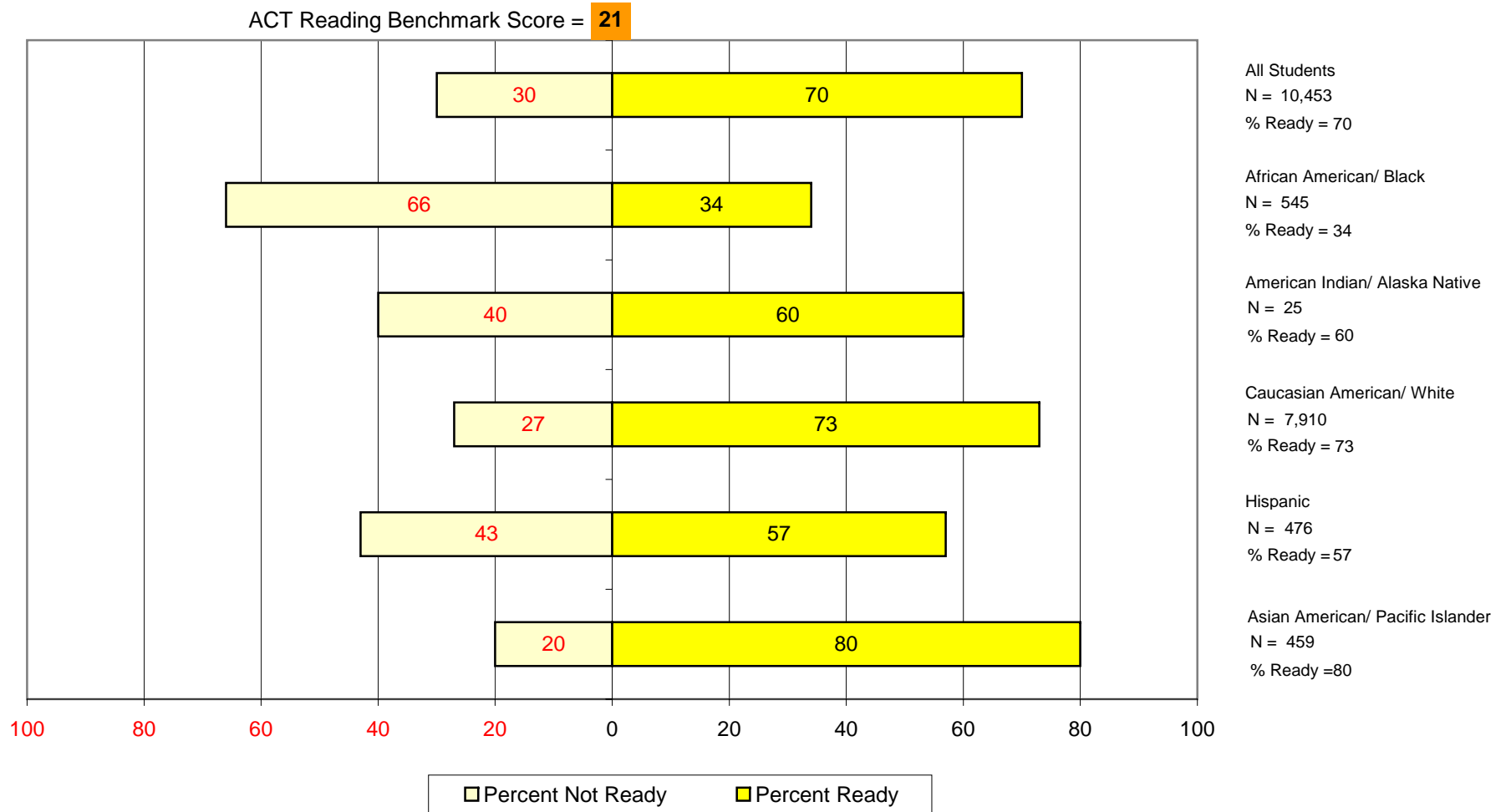
Total Students in Report: 10,453

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



Total Students in Report: 10,453

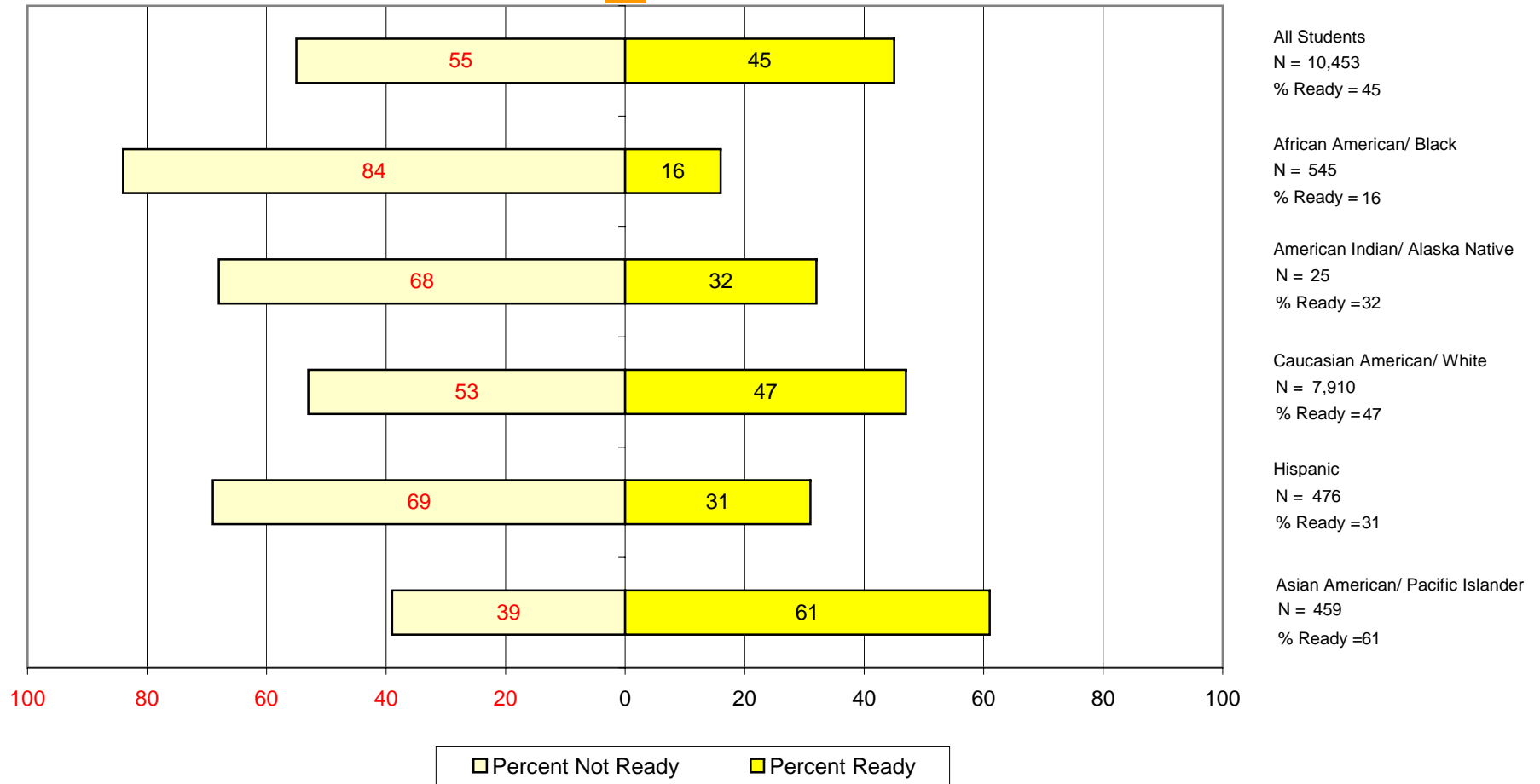
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 10,453

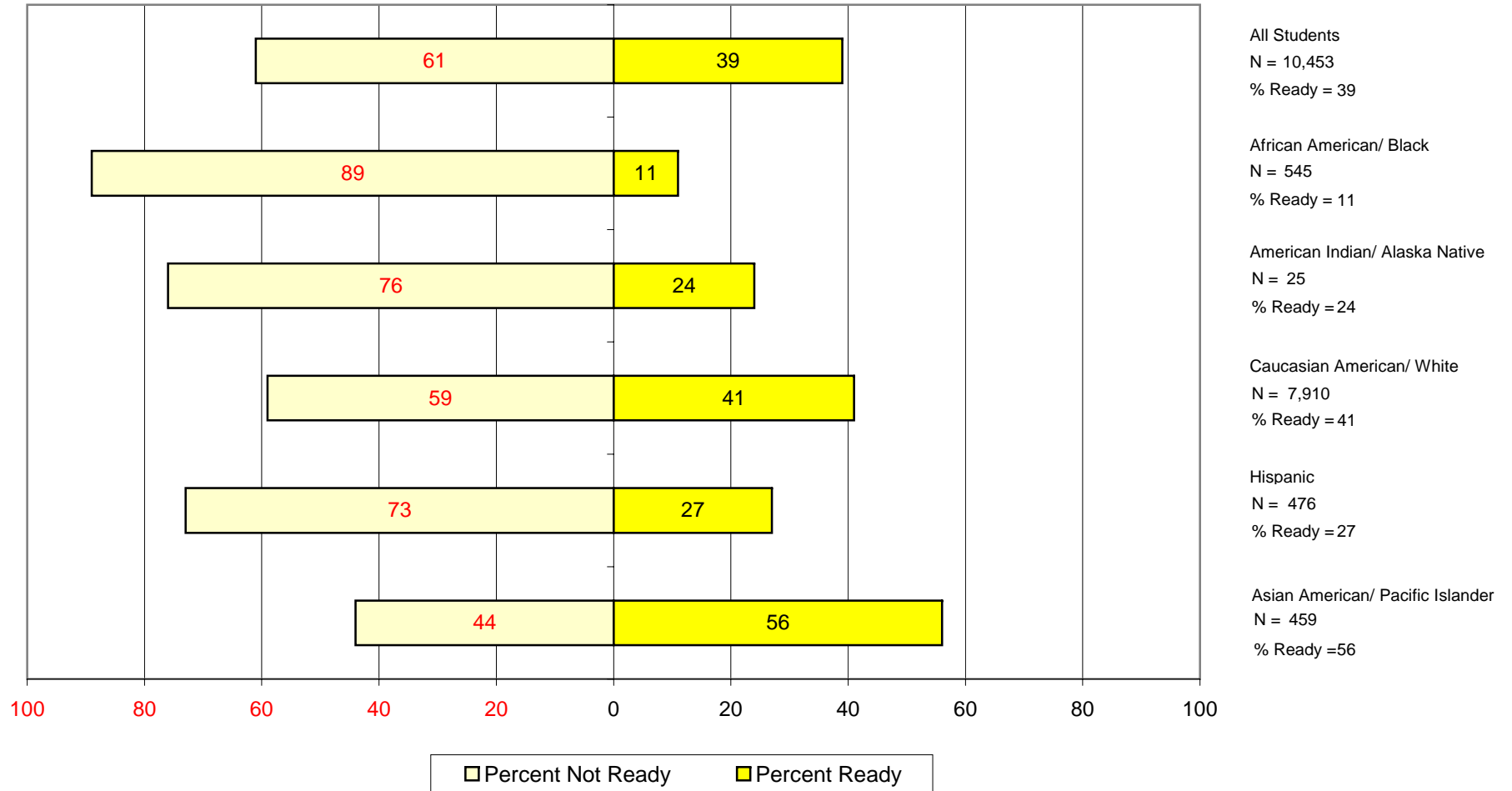
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 10,453

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



Total Students in Report: 10,453

Table 3.1. Average ACT Scores and Average ACT 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	2,907	28	24.1	3.4	1,131	25	23.3	3.7	1,774	30	24.6	2.9
Eng 9, Eng 10, Eng 11, Eng 12	7,191	69	23.8	3.1	3,294	72	23.2	3.6	3,887	67	24.3	2.6
Less than 4 years of English	159	2	20.7	-	74	2	19.6	-	85	1	21.7	-
Zero years / no English courses reported	196	2	20.0	-	104	2	18.2	-	88	2	21.9	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	913	9	26.6	8.8	398	9	27.1	8.8	514	9	26.3	9.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,043	10	23.1	5.3	430	9	23.5	5.2	613	11	22.8	5.6
Alg 1, Alg 2, Geom, & Trig	591	6	20.6	2.8	260	6	20.8	2.5	330	6	20.5	3.3
Alg 1, Alg 2, Geom, & Other Adv Math	1,875	18	21.2	3.4	683	15	21.6	3.3	1,190	20	21.0	3.8
Other comb of 4 or more years of Math	4,400	42	25.7	7.9	2,116	46	26.1	7.8	2,280	39	25.3	8.1
Alg 1, Alg 2, & Geom	787	8	18.2	0.4	304	7	18.1	-0.2	479	8	18.2	1.0
Other comb of 3 or 3.5 years of Math	497	5	22.9	5.1	237	5	23.4	5.1	260	4	22.5	5.3
Less than 3 years of Math	148	1	17.8	-	71	2	18.3	-	77	1	17.2	-
Zero years / no Math courses reported	199	2	21.1	-	104	2	20.1	-	91	2	22.1	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,167	11	24.8	1.1	532	12	24.0	1.2	634	11	25.5	1.2
Other comb of 4 or more years Social Science	4,287	41	24.1	0.4	1,926	42	23.8	1.0	2,359	40	24.3	0.0
US Hist, World Hist, & Am Gov	922	9	23.4	-0.3	417	9	22.9	0.1	503	9	23.8	-0.5
Other comb of 3 or 3.5 years of Social Science	2,746	26	23.7	0.0	1,111	24	23.5	0.7	1,630	28	23.9	-0.4
Less than 3 years of Social Science	1,134	11	23.7	-	514	11	22.8	-	618	11	24.3	-
Zero years / no Social Science courses reported	197	2	20.9	-	103	2	19.4	-	90	2	22.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	5,988	57	23.8	4.4	2,786	61	24.2	5.0	3,197	55	23.4	3.8
Bio, Chem, Phys	1,240	12	24.7	5.3	546	12	25.3	6.1	691	12	24.3	4.7
Gen Sci ² , Bio, Chem	2,402	23	21.0	1.6	884	19	21.0	1.8	1,517	26	21.0	1.4
Other comb of 3 years of Natural Science	125	1	20.9	1.5	69	1	20.7	1.5	56	1	21.1	1.5
Less than 3 years of Natural Science	498	5	19.4	-	214	5	19.2	-	281	5	19.6	-
Zero years / no Natural Science courses reported	200	2	19.9	-	104	2	18.9	-	92	2	20.8	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years and three years of English and non-English content areas, respectively.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 10,453

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	2,907	28	24.1	87	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	7,191	69	23.8	86	1,096,437	70	20.5	66
Less than 4 years of English	159	2	20.7	70	74,180	5	16.4	39
Zero years / no English courses reported	196	2	20.0	61	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	913	9	26.6	88	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,043	10	23.1	68	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	591	6	20.6	43	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	1,875	18	21.2	50	239,289	15	20.0	36
Other comb of 4 or more years of Math	4,400	42	25.7	81	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	787	8	18.2	19	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	497	5	22.9	63	74,720	5	19.9	35
Less than 3 years of Math	148	1	17.8	19	97,949	6	16.4	7
Zero years / no Math courses reported	199	2	21.1	45	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,167	11	24.8	75	47,523	3	22.6	60
Other comb of 4 or more years Social Science	4,287	41	24.1	72	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	922	9	23.4	67	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	2,746	26	23.7	68	439,520	28	21.2	51
Less than 3 years of Social Science	1,134	11	23.7	67	156,679	10	19.5	39
Zero years / no Social Science courses reported	197	2	20.9	50	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	5,988	57	23.8	52	620,765	40	22.2	40
Bio, Chem, Phys	1,240	12	24.7	59	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	2,402	23	21.0	27	474,375	30	20.1	21
Other comb of 3 years of Natural Science	125	1	20.9	31	43,231	3	19.7	21
Less than 3 years of Natural Science	498	5	19.4	18	231,566	15	18.3	12
Zero years / no Natural Science courses reported	200	2	19.9	27	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 10,453

Table 4.1. Distribution of Planned Educational Majors for All Students 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	74	1	21.2	6	9	16.5	61	1	21.8
Architecture & Environmental Design	162	2	23.1	2	3	11.5	144	2	23.2
Business & Management	1,337	13	23.3	7	11	16.9	1,119	13	23.3
Business & Office	49	0	22.9	0	0	.	41	0	23.3
Marketing & Distribution	109	1	22.3	0	0	.	89	1	22.2
Communications & Comm. Technologies	429	4	22.7	3	5	16.7	369	4	22.7
Community & Personal Services	198	2	19.3	8	12	15.8	178	2	19.4
Computer & Information Sciences	123	1	24.1	1	2	13.0	105	1	23.9
Cross-Disciplinary Studies	68	1	25.6	0	0	.	55	1	25.6
Education	473	5	21.9	1	2	19.0	425	5	22.0
Teacher Education	226	2	21.3	0	0	.	203	2	21.3
Engineering	400	4	25.3	1	2	19.0	366	4	25.2
Engineering-Related Technologies	241	2	24.2	1	2	18.0	213	2	24.2
Foreign Languages	102	1	26.5	0	0	.	84	1	26.4
Health Sciences & Allied Health Fields	1,342	13	22.9	12	18	18.5	1,197	14	22.9
Human, Family & Consumer Science	58	1	21.3	0	0	.	51	1	21.1
Letters	97	1	25.4	0	0	.	85	1	25.3
Mathematics	99	1	26.4	0	0	.	79	1	26.8
Philosophy, Religion & Theology	33	0	25.3	1	2	25.0	26	0	25.2
Sciences (Biological & Physical)	951	9	25.5	1	2	10.0	839	10	25.6
Social Sciences	890	9	24.4	0	0	.	782	9	24.3
Trade & Industrial	17	0	20.4	3	5	21.0	11	0	20.4
Visual & Performing Arts	515	5	23.0	2	3	18.0	436	5	22.9
Undecided	2,179	21	24.5	15	23	16.4	1,595	19	24.4
No Response	281	3	20.6	2	3	18.0	42	0	20.6

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Total Students in Report: 10,453

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 American/ Black		American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	10	19.4	1	26.0	0	.	7	18.9	1	25.0	1	11.0	0	.
2-yr College Degree	56	16.6	6	12.0	0	.	39	16.8	5	17.6	0	.	6	18.7
Bachelors Degree	3,096	21.8	148	16.7	8	19.3	2,526	22.2	131	20.4	74	22.9	209	21.5
Graduate Study	2,870	24.5	109	19.1	7	21.3	2,305	24.8	114	22.9	103	25.6	232	24.2
Prof. Level Degree	2,629	25.1	205	20.1	8	22.1	1,765	25.8	162	22.2	192	27.1	297	24.9
Other	180	21.1	10	17.0	0	.	122	21.3	7	19.0	9	23.6	32	21.3
No Response	1,612	24.0	66	19.7	2	23.5	1,146	24.4	56	21.1	80	25.8	262	23.8

Total Students in Report: 10,453

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	1,012	408	604	1	3	16	30	31	17	1
CENTRAL CONNECTICUT STATE UNIVERSITY	Connecticut	372	100	272	3	11	37	34	14	2	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	337	337	0	1	9	30	34	19	6	1
SOUTHERN CONNECTICUT STATE UNIVERSITY	Connecticut	293	55	238	3	10	38	32	13	4	0
QUINNIPIAC UNIVERSITY	Connecticut	252	49	203	1	4	16	38	33	8	0
NORTHEASTERN UNIVERSITY	Massachusetts	225	55	170	0	1	7	24	43	23	3
BOSTON UNIVERSITY	Massachusetts	223	82	141	0	1	7	20	40	30	2
EASTERN CONNECTICUT STATE UNIVERSITY	Connecticut	223	61	162	2	7	40	34	13	4	0
WESTERN CONNECTICUT STATE UNIVERSITY	Connecticut	187	49	138	3	11	35	30	17	5	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	179	33	146	0	3	20	42	28	8	0
BOSTON COLLEGE	Massachusetts	159	68	91	0	1	1	18	35	42	3
NEW YORK UNIVERSITY	New York	137	61	76	1	3	12	20	36	24	3
NCAA ELIGIBILITY CENTER	Indiana	135	85	50	4	3	25	20	24	20	4
SACRED HEART UNIVERSITY	Connecticut	132	30	102	3	8	22	40	23	4	0
UNIVERSITY OF NEW HAVEN	Connecticut	130	46	84	4	15	28	33	18	2	0
YALE UNIVERSITY	Connecticut	117	42	75	2	8	8	25	34	21	3
FAIRFIELD UNIVERSITY	Connecticut	108	25	83	3	9	17	32	31	8	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	107	16	91	0	0	9	30	45	15	1
UNIVERSITY OF HARTFORD	Connecticut	100	24	76	2	11	30	27	24	6	0
UNIVERSITY OF VERMONT	Vermont	92	19	73	0	0	2	29	37	32	0
MARIST COLLEGE	New York	89	30	59	0	2	7	39	43	9	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	89	15	74	0	2	29	38	20	10	0
PROVIDENCE COLLEGE	Rhode Island	88	18	70	0	1	9	28	34	26	1
FORDHAM UNIVERSITY	New York	85	18	67	0	4	2	27	44	22	1
WESTERN NEW ENGLAND COLLEGE	Massachusetts	74	17	57	0	0	32	35	24	8	0
VILLANOVA UNIVERSITY	Pennsylvania	72	14	58	0	3	6	8	42	39	3
BROWN UNIVERSITY	Rhode Island	70	24	46	0	4	1	14	24	46	10
ENDICOTT COLLEGE	Massachusetts	69	16	53	0	4	29	35	23	9	0
SALVE REGINA UNIVERSITY	Rhode Island	69	16	53	0	1	30	41	23	4	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	69	11	58	0	1	17	26	36	19	0
All Other Institutions		5,427	1,443	3,984	1	5	16	26	29	20	3
Total		10,721	3,267	7,454	1	5	18	28	28	17	2

Section V Optional Writing Test Results

Total Students in Report: 10,453

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	9,013	869,014	24.3	21.4	8.3	7.1	23.9	20.8
African American/Black	450	107,638	19.0	16.4	7.5	6.4	19.3	16.4
American Indian/Alaska Native	18	6,232	21.3	18.9	8.2	6.6	21.7	18.4
Caucasian American/White	6,809	518,004	24.7	23.0	8.3	7.3	24.2	22.1
Hispanic	414	101,126	21.8	18.1	7.9	6.9	21.8	18.1
Asian American/Pacific Islander	417	49,922	26.0	23.6	8.5	7.7	25.3	22.9
Other/No Response	905	86,092	24.3	21.0	8.3	7.1	23.9	20.4
Males	3,818	384,152	23.6	21.1	8.0	6.9	23.2	20.3
Females	5,180	484,023	24.7	21.7	8.4	7.3	24.4	21.2
Missing	15	839	21.9	16.8	7.4	6.3	21.4	16.6

