

ACT Profile Report - State

Graduating Class 2009
Connecticut



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This report provides information about the performance of your 2009 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 2009 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.

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.

Total Students in Report: 9,240

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

37% 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: 9,240 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. 79% 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 2% of the cohort took less than three years of math courses. Of these students, 22% were college ready. 8% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 17% of these students were college ready. In comparison, 68% of the students who advanced beyond minimum math 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 5% of the cohort took less than three years of natural science courses. 23% 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 27% 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.

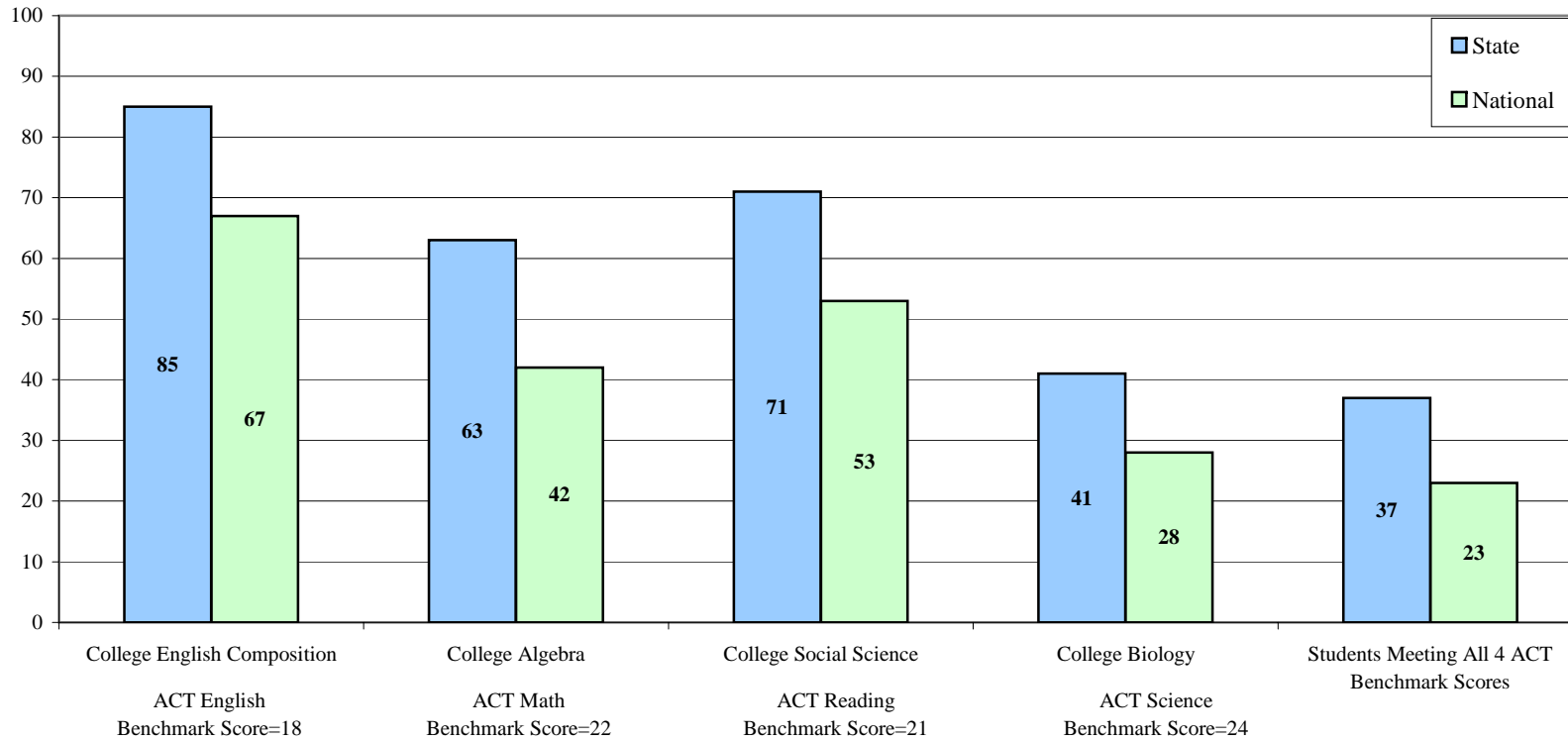
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 518-869-7378.

Section I

Executive Summary

Total Students in Report: 9,240

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: 9,240

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
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
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

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
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
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
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

Total Students in Report: 9,240

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
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
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

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	4,035	100	22.8	5,093	100	23.1	6,651	100	23.2	8,159	100	23.3	9,240	100	23.5
African American/Black	260	6	17.7	278	5	19.0	360	5	18.3	410	5	18.4	462	5	18.4
American Indian/Alaska Native	8	0	23.8	18	0	21.2	20	0	21.5	22	0	21.7	18	0	20.5
Caucasian American/White	2,720	67	23.2	3,213	63	23.4	3,901	59	23.5	5,369	66	23.4	6,856	74	23.8
Hispanic	160	4	20.5	158	3	21.1	213	3	20.9	348	4	20.9	411	4	21.1
Asian American/Pacific Islander	141	3	24.0	144	3	23.8	178	3	24.6	265	3	24.8	338	4	25.1
Other/No Response	746	18	23.3	1,282	25	23.3	1,979	30	23.7	1,745	21	24.2	1,155	13	24.3

Section II

Academic Achievement

Total Students in Report: 9,240

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	51	100	62	100	145	100	30	100	5	100	36
35	167	99	98	99	69	98	67	100	37	100	35
34	269	98	162	98	296	98	110	99	99	100	34
33	201	95	235	97	404	94	80	98	136	98	33
32	251	93	207	94	235	90	79	97	199	97	32
31	259	90	210	92	421	88	176	96	287	95	31
30	412	87	212	89	438	83	225	94	338	92	30
29	349	83	429	87	380	78	255	92	460	88	29
28	461	79	513	83	474	74	301	89	551	83	28
27	403	74	545	77	468	69	328	86	546	77	27
26	603	69	657	71	445	64	612	82	652	71	26
25	632	63	687	64	399	59	975	76	711	64	25
24	618	56	736	57	618	55	579	65	667	56	24
23	602	49	581	49	501	48	926	59	677	49	23
22	641	43	451	42	580	43	634	49	678	42	22
21	624	36	516	37	696	36	762	42	608	35	21
20	540	29	451	32	475	29	866	34	548	28	20
19	420	23	433	27	438	24	644	24	504	22	19
18	315	19	493	22	277	19	443	17	425	17	18
17	304	15	521	17	362	16	243	12	325	12	17
16	273	12	550	11	306	12	263	10	267	9	16
15	266	9	312	5	223	9	167	7	206	6	15
14	135	6	111	2	227	6	145	5	142	3	14
13	119	5	37	1	141	4	120	4	87	2	13
12	96	4	17	1	93	2	71	2	49	1	12
11	76	2	6	1	70	1	56	2	18	1	11
10	59	2	2	1	19	1	35	1	10	1	10
9	50	1	3	1	14	1	34	1	5	1	9
8	20	1	1	1	14	1	6	1	2	1	8
7	11	1	2	1	7	1	2	1	1	1	7
6	6	1	0	1	2	1	3	1	0	1	6
5	6	1	0	1	3	1	1	1	0	1	5
4	0	1	0	1	0	1	1	1	0	1	4
3	1	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)	23.6 (5.9)		23.5 (5.3)		24.0 (6.1)		22.6 (4.8)		23.5 (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: 9,240

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	667	100	199	100	484	100	785	100	624	100	181	100	207	100	18
17	613	93	128	98	606	95	452	92	964	93	171	98	60	98	17
16	653	86	921	96	705	88	1,193	87	718	83	523	96	542	97	16
15	844	79	942	86	958	81	1,090	74	845	75	504	91	793	91	15
14	695	70	996	76	680	70	983	62	809	66	1,378	85	1,071	83	14
13	782	62	1,070	66	748	63	521	51	773	57	799	70	1,435	71	13
12	835	54	1,329	54	1,151	55	814	46	1,158	49	1,280	62	814	56	12
11	842	45	955	40	719	42	747	37	690	36	934	48	1,248	47	11
10	982	36	898	29	765	35	581	29	735	29	1,570	38	1,025	33	10
9	795	25	693	20	920	26	489	22	538	21	817	21	746	22	9
8	461	17	452	12	536	16	571	17	633	15	494	12	632	14	8
7	404	12	266	7	511	10	368	11	492	8	274	6	204	7	7
6	288	7	157	4	239	5	277	7	197	3	75	3	181	5	6
5	175	4	116	3	115	2	235	4	43	1	138	3	127	3	5
4	116	2	76	1	34	1	84	1	12	1	36	1	64	2	4
3	61	1	33	1	41	1	41	1	6	1	37	1	50	1	3
2	23	1	7	1	17	1	9	1	3	1	13	1	24	1	2
1	4	1	2	1	11	1	0	1	0	1	16	1	17	1	1
Avg (SD)	12.1 (3.7)		12.1 (3.0)		12.1 (3.5)		12.6 (3.7)		12.6 (3.4)		11.7 (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	25	27
Q2 (50th Percentile)	24	24	24	23	24
Q1 (25th Percentile)	20	19	20	20	20

Total Students in Report: 9,240

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	9,240	79	23.9	22.5
	African American/Black	462	69	18.8	17.5
	American Indian/Alaska Native	18	61	21.6	21.2
	Caucasian American/White	6,856	82	24.1	22.8
	Hispanic	411	74	21.7	19.5
	Asian American/Pacific Islander	338	84	25.3	24.5
	Other/No Response	1,155	70	24.8	24.6
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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	23.6	23.5	24.0	22.6	23.5
	African American/Black	17.8	18.5	18.5	18.2	18.4
	American Indian/Alaska Native	20.8	20.5	21.3	19.0	20.5
	Caucasian American/White	24.0	23.6	24.3	22.9	23.8
	Hispanic	20.7	21.0	21.6	20.4	21.1
	Asian American/Pacific Islander	24.5	26.6	24.6	24.3	25.1
	Other/No Response	24.3	24.4	24.8	23.1	24.3
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 9,240

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	688	7	557	6	914	10	287	3
	28 to 32	1,732	19	1,571	17	1,948	21	1,036	11
	24 to 27	2,256	24	2,625	28	1,930	21	2,494	27
	20 to 23	2,407	26	1,999	22	2,252	24	3,188	35
	16 to 19	1,312	14	1,997	22	1,383	15	1,593	17
	13 to 15	520	6	460	5	591	6	432	5
	01 to 12	325	4	31	0	222	2	210	2
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	3,865	42	23.0	24.1	23.7	23.0	23.6
	Females	5,314	58	24.0	23.0	24.1	22.3	23.5
	Missing	61	1	25.7	25.4	26.1	24.2	25.5
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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	82	67	68	45	40
	Females	86	60	73	38	35
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 9,240

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 % ³	Avg
State	Core or More ²	7,318	87	24.0	65	23.8	74	24.4	43	22.9	38	23.9
	Less than Core	1,590	77	22.5	54	22.4	63	22.8	38	21.8	34	22.5
	Missing	332	67	20.0	44	20.9	49	20.7	23	19.9	21	20.5
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

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.

³Composite 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	8,806	85	23.7	8,734	64	23.7	7,872	72	24.1	8,441	43	22.9
	Less than Core	121	69	21.1	185	19	17.8	1,048	70	23.9	481	22	19.7
	Missing	313	67	20.0	321	45	20.9	320	49	20.6	318	24	19.9
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

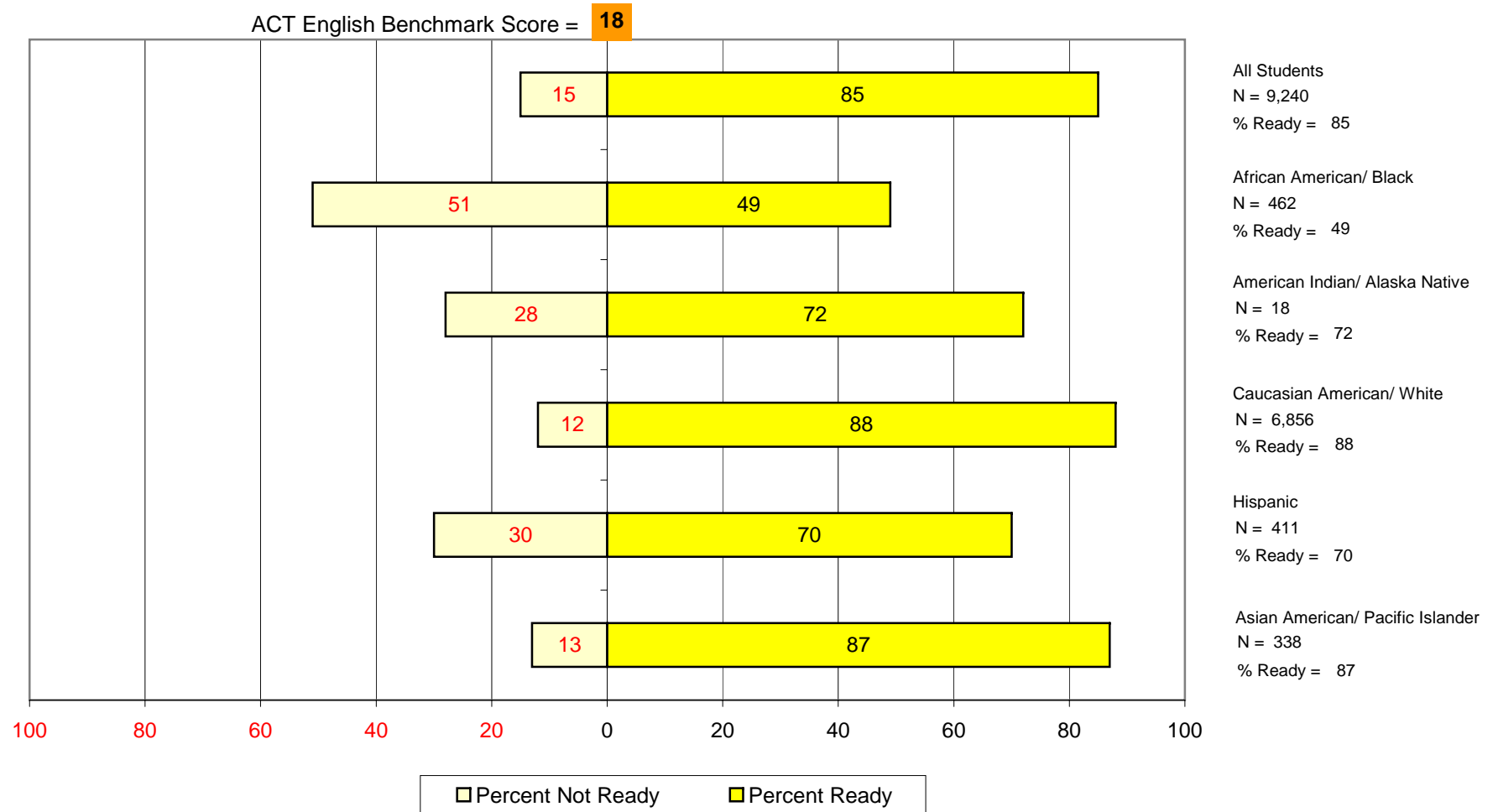
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

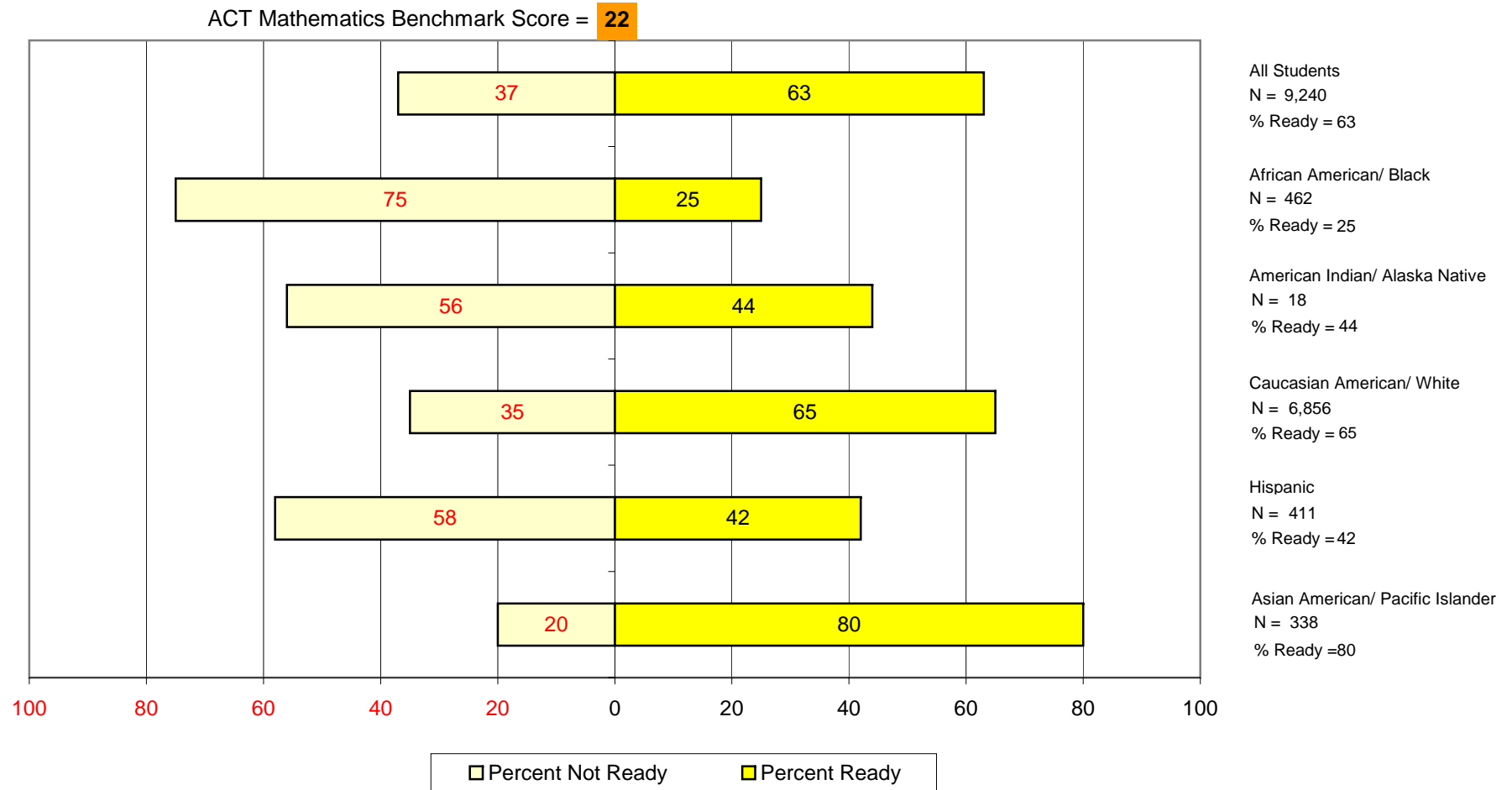
Total Students in Report: 9,240

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



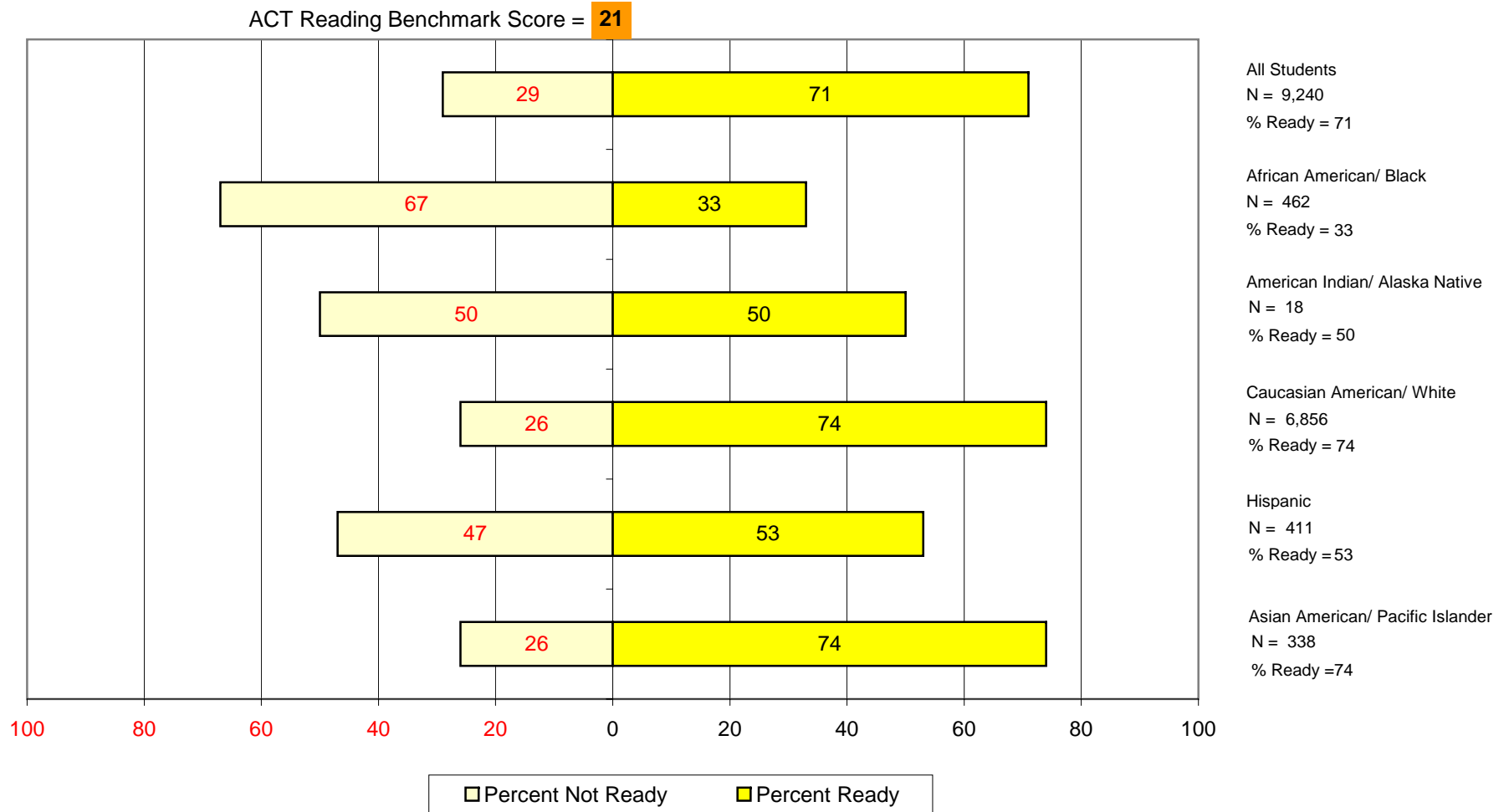
Total Students in Report: 9,240

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



Total Students in Report: 9,240

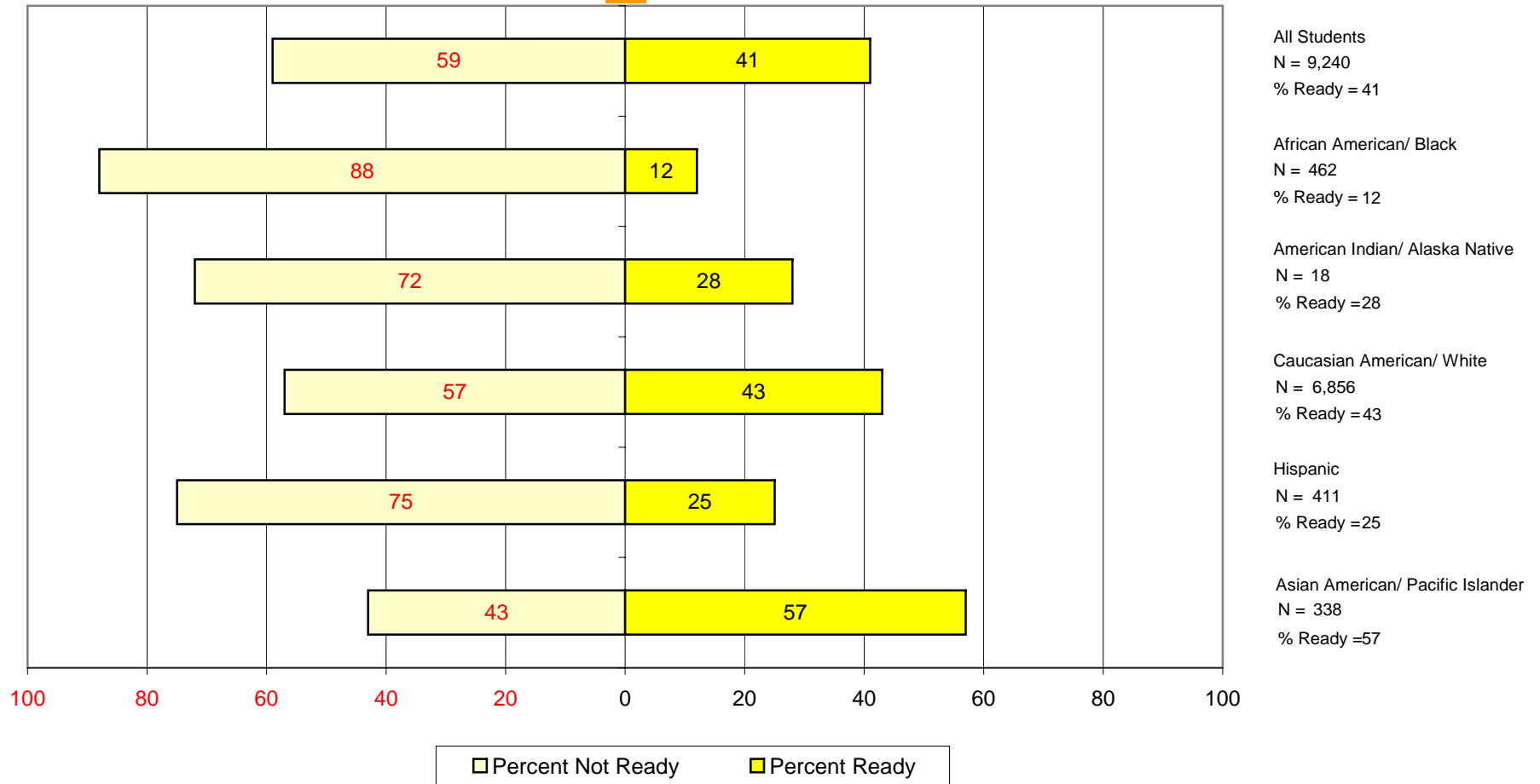
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 9,240

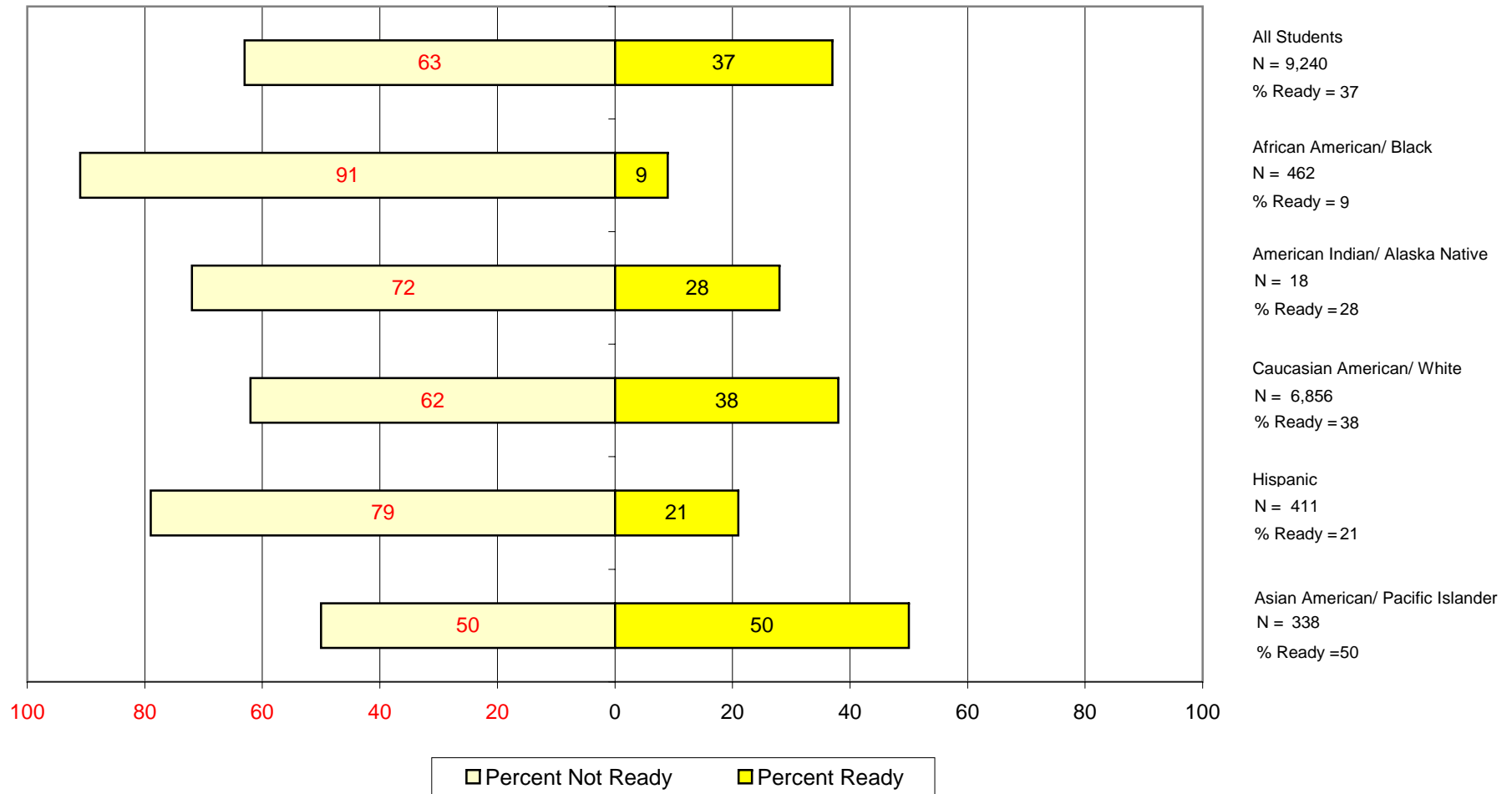
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 9,240

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



Total Students in Report: 9,240

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	2,692	29	24.0	2.7	1,000	26	23.3	2.6	1,676	32	24.3	2.7
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	6,114	66	23.6	2.3	2,625	68	23.2	2.5	3,453	65	24.0	2.4
Less than 4 years of English	129	1	21.3	-	47	1	20.7	-	80	2	21.6	-
No English course/grade information reported	305	3	19.9	-	193	5	19.1	-	105	2	21.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	798	9	26.7	8.6	318	8	27.2	9.8	475	9	26.3	7.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	921	10	23.2	5.1	340	9	23.7	6.3	577	11	23.0	4.5
Alg 1, Alg 2, Geom, & Trig	532	6	20.7	2.6	215	6	21.1	3.7	316	6	20.5	2.0
Alg 1, Alg 2, Geom, & Other Adv Math	1,690	18	21.3	3.2	577	15	21.8	4.4	1,106	21	21.0	2.5
Other comb of 4 or more years of Math	3,642	39	25.9	7.8	1,696	44	26.5	9.1	1,914	36	25.3	6.8
Alg 1, Alg 2, & Geom (Min. Core)	695	8	18.1	0.0	259	7	18.3	0.9	435	8	18.0	-0.5
Other comb of 3 or 3.5 years of Math	456	5	22.8	4.7	184	5	23.1	5.7	270	5	22.5	4.0
Less than 3 years of Math	198	2	18.1	-	81	2	17.4	-	115	2	18.5	-
No Math course/grade information reported	308	3	20.9	-	195	5	20.7	-	106	2	21.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,051	11	25.1	1.2	480	12	24.7	1.4	566	11	25.4	1.1
Other comb of 4 or more years Social Science	3,695	40	24.0	0.1	1,508	39	24.1	0.8	2,167	41	24.0	-0.3
US Hist, World Hist, & Am Gov (Min. Core)	796	9	23.4	-0.5	351	9	22.7	-0.6	440	8	23.9	-0.4
Other comb of 3 or 3.5 years of Social Science	2,330	25	24.1	0.2	882	23	24.1	0.8	1,438	27	24.1	-0.2
Less than 3 years of Social Science	1,056	11	23.9	-	447	12	23.3	-	595	11	24.3	-
No Soc Sci course/grade information reported	312	3	20.5	-	197	5	19.8	-	108	2	21.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	4,926	53	23.4	3.6	2,214	57	23.8	4.0	2,681	50	23.0	3.3
Bio, Chem, Phys	1,083	12	24.9	5.1	440	11	25.7	5.9	632	12	24.2	4.5
Gen Sci ² , Bio, Chem (Min. Core)	2,307	25	21.0	1.2	782	20	20.9	1.1	1,517	29	21.1	1.4
Other comb of 3 years of Natural Science	125	1	20.9	1.1	60	2	20.4	0.6	65	1	21.4	1.7
Less than 3 years of Natural Science	488	5	19.8	-	174	5	19.8	-	310	6	19.7	-
No Nat Sci course/grade information reported	311	3	19.8	-	195	5	19.3	-	109	2	20.6	-

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.

Total Students in Report: 9,240

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	2,692	29	24.0	86	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	6,114	66	23.6	85	1,029,431	70	20.6	68
Less than 4 years of English	129	1	21.3	71	74,090	5	16.7	42
No English course/grade information reported	305	3	19.9	66	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	798	9	26.7	86	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	921	10	23.2	68	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	532	6	20.7	43	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	1,690	18	21.3	46	220,868	15	20.1	36
Other comb of 4 or more years of Math	3,642	39	25.9	80	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	695	8	18.1	17	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	456	5	22.8	58	70,732	5	20.1	35
Less than 3 years of Math	198	2	18.1	22	105,591	7	16.5	7
No Math course/grade information reported	308	3	20.9	44	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,051	11	25.1	78	46,754	3	22.8	61
Other comb of 4 or more years Social Science	3,695	40	24.0	72	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	796	9	23.4	66	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	2,330	25	24.1	72	420,236	28	21.3	52
Less than 3 years of Social Science	1,056	11	23.9	70	152,775	10	19.7	40
No Soc Sci course/grade information reported	312	3	20.5	49	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	4,926	53	23.4	47	563,824	38	22.2	39
Bio, Chem, Phys	1,083	12	24.9	60	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	2,307	25	21.0	27	459,833	31	20.1	21
Other comb of 3 years of Natural Science	125	1	20.9	28	41,353	3	19.8	21
Less than 3 years of Natural Science	488	5	19.8	23	233,215	16	18.4	11
No Nat Sci course/grade information reported	311	3	19.8	23	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 9,240

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	72	1	22.1	1	2	23.0	66	1	21.9
Architecture & Environmental Design	145	2	22.9	0	0	.	123	2	22.5
Business & Management	1,260	14	23.0	3	7	14.3	1,091	14	22.9
Business & Office	41	0	20.8	1	2	15.0	35	0	21.0
Marketing & Distribution	105	1	22.5	0	0	.	90	1	22.0
Communications & Comm. Technologies	373	4	22.8	1	2	20.0	329	4	22.7
Community & Personal Services	118	1	19.9	1	2	20.0	109	1	20.1
Computer & Information Sciences	103	1	24.9	1	2	23.0	84	1	25.0
Cross-Disciplinary Studies	44	0	26.2	0	0	.	35	0	25.7
Education	458	5	21.5	2	5	16.0	401	5	21.7
Teacher Education	193	2	20.4	1	2	13.0	172	2	20.4
Engineering	320	3	25.9	1	2	17.0	287	4	25.8
Engineering-Related Technologies	191	2	24.1	1	2	15.0	167	2	24.3
Foreign Languages	85	1	26.2	0	0	.	67	1	26.1
Health Sciences & Allied Health Fields	1,072	12	22.7	11	26	16.6	964	13	22.7
Human, Family & Consumer Science	57	1	21.4	1	2	7.0	50	1	21.3
Letters	93	1	26.0	1	2	21.0	81	1	26.1
Mathematics	113	1	26.3	1	2	14.0	94	1	26.2
Philosophy, Religion & Theology	52	1	24.5	0	0	.	48	1	24.4
Sciences (Biological & Physical)	798	9	25.7	0	0	.	699	9	25.5
Social Sciences	789	9	24.2	0	0	.	717	9	24.3
Trade & Industrial	23	0	18.4	5	12	14.8	15	0	19.6
Visual & Performing Arts	528	6	22.7	6	14	14.8	459	6	22.7
Undecided	1,825	20	24.4	4	10	16.5	1,378	18	24.2
No Response	382	4	21.0	0	0	.	50	1	22.5

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, 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: 9,240

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	11	14.0	3	12.7	1	9.0	5	17.2	2	10.5	0	.	0	.
2-yr College Degree	31	16.8	6	15.0	1	15.0	18	18.1	3	12.3	1	23.0	2	15.5
Bachelors Degree	2,731	21.6	138	17.0	6	23.3	2,222	22.0	114	18.9	50	22.0	201	21.9
Graduate Study	2,700	24.2	103	19.1	4	25.5	2,170	24.4	92	22.7	84	25.5	247	24.6
Prof. Level Degree	2,180	25.1	139	19.9	2	16.0	1,450	25.6	144	22.4	139	25.9	306	25.9
Other	135	21.3	9	17.1	1	23.0	92	21.9	7	19.0	9	21.8	17	21.0
No Response	1,452	23.9	64	18.0	3	16.0	899	24.3	49	20.6	55	26.0	382	24.2

Total Students in Report: 9,240

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	1,083	400	683	0	3	16	31	33	16	1
CENTRAL CONNECTICUT STATE UNIVERSITY	Connecticut	373	102	271	1	11	35	35	13	5	0
SOUTHERN CONNECTICUT STATE UNIVERSITY	Connecticut	320	67	253	1	15	36	33	14	2	0
QUINNIPIAC UNIVERSITY	Connecticut	257	64	193	0	3	16	42	29	10	0
EASTERN CONNECTICUT STATE UNIVERSITY	Connecticut	246	64	182	2	10	37	34	14	2	0
NORTHEASTERN UNIVERSITY	Massachusetts	226	62	164	0	0	7	27	39	27	0
BOSTON UNIVERSITY	Massachusetts	221	78	143	0	1	5	26	38	29	1
UNIVERSITY OF RHODE ISLAND	Rhode Island	215	35	180	0	2	24	38	31	5	0
WESTERN CONNECTICUT STATE UNIVERSITY	Connecticut	207	44	163	3	12	43	26	14	2	0
BOSTON COLLEGE	Massachusetts	172	73	99	0	1	3	13	34	48	1
SACRED HEART UNIVERSITY	Connecticut	158	37	121	0	9	30	35	22	3	0
NCAA ELIGIBILITY CENTER	Indiana	145	98	47	2	11	25	30	22	9	1
UNIVERSITY OF NEW HAVEN	Connecticut	141	42	99	1	9	28	40	18	4	0
UNIVERSITY OF VERMONT	Vermont	141	36	105	0	1	11	29	42	16	2
FAIRFIELD UNIVERSITY	Connecticut	129	19	110	0	6	19	29	37	9	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	127	10	117	0	2	11	35	32	19	1
MARIST COLLEGE	New York	117	30	87	0	2	15	31	43	9	1
PROVIDENCE COLLEGE	Rhode Island	103	21	82	0	1	8	25	41	24	1
ROGER WILLIAMS UNIVERSITY	Rhode Island	102	20	82	0	1	25	43	26	4	0
WESTERN NEW ENGLAND COLLEGE	Massachusetts	102	23	79	1	5	27	42	22	3	0
YALE UNIVERSITY	Connecticut	102	44	58	0	2	7	15	28	36	12
FORDHAM UNIVERSITY	New York	101	23	78	0	1	12	24	42	19	3
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	101	14	87	0	0	17	36	35	12	1
BROWN UNIVERSITY	Rhode Island	98	35	63	0	1	3	11	26	48	11
UNIVERSITY OF HARTFORD	Connecticut	98	17	81	0	8	26	39	23	4	0
SALVE REGINA UNIVERSITY	Rhode Island	91	23	68	0	3	27	41	20	8	1
NEW YORK UNIVERSITY	New York	80	23	57	0	3	13	16	39	29	1
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	75	18	57	0	0	7	29	43	21	0
SPRINGFIELD COLLEGE	Massachusetts	75	16	59	0	4	27	41	23	5	0
BRYANT UNIVERSITY	Rhode Island	72	18	54	0	0	7	43	35	15	0
All Other Institutions		5,914	1,532	4,382	1	5	16	27	29	19	2
Total		11,392	3,088	8,304	1	5	18	29	29	17	2

Section V Optional Writing Test Results

Total Students in Report: 9,240

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	7,641	814,713	24.2	21.5	8.4	7.2	24.0	20.8
African American/Black	334	96,225	18.8	16.5	7.7	6.4	19.4	16.5
American Indian/Alaska Native	11	5,489	22.5	18.9	8.3	6.7	22.7	18.5
Caucasian American/White	5,676	497,164	24.5	22.8	8.5	7.3	24.3	21.9
Hispanic	329	85,681	21.5	18.4	8.2	7.0	21.8	18.4
Asian American/Pacific Islander	315	44,716	24.9	23.5	8.5	7.6	24.5	22.8
Other/No Response	976	85,438	25.2	21.4	8.4	7.2	24.8	20.8
Males	3,052	357,025	23.8	21.1	8.2	6.9	23.5	20.3
Females	4,538	455,190	24.5	21.7	8.6	7.4	24.4	21.2
Missing	51	2,498	26.5	22.1	8.5	7.2	25.9	21.3

