

ACT Profile Report - State

Graduating Class 2010
New Hampshire



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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

40% 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: 2,685 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. 80% 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, 25% were college ready. 6% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 20% 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. 19% of these students were college ready. In comparison, 48% 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.

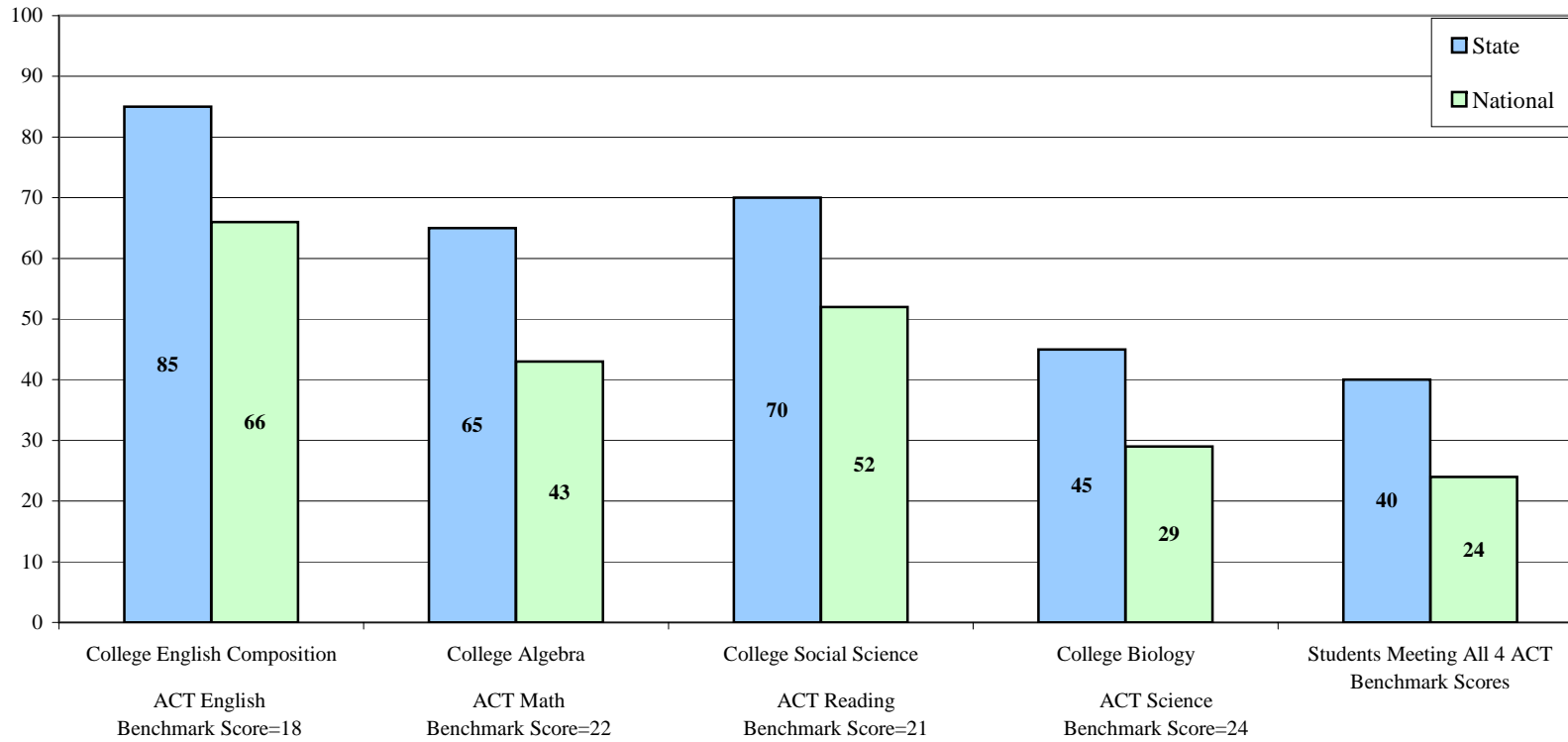
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 508-229-0111.

Section I

Executive Summary

Total Students in Report: 2,685

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: 2,685

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	1,779	1,206,455	80	69	57	42	66	53	34	27	29	21
2007	2,269	1,300,599	83	69	57	43	65	53	38	28	32	23
2008	2,548	1,421,941	82	68	59	43	68	53	39	28	33	22
2009	2,469	1,480,469	84	67	63	42	72	53	40	28	36	23
2010	2,685	1,568,835	85	66	65	43	70	52	45	29	40	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	1,779	1,206,455	22.4	20.6	22.5	20.8	23.2	21.4	21.8	20.9	22.6	21.1
2007	2,269	1,300,599	22.7	20.7	22.7	21.0	23.3	21.5	22.2	21.0	22.9	21.2
2008	2,548	1,421,941	23.0	20.6	23.0	21.0	23.7	21.4	22.2	20.8	23.1	21.1
2009	2,469	1,480,469	23.3	20.6	23.4	21.0	24.1	21.4	22.6	20.9	23.5	21.1
2010	2,685	1,568,835	23.6	20.5	23.5	21.0	24.1	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: 2,685

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	683	547	38	31	23.7	22.1	23.3	22.4	24.6	22.8	22.7	21.7	23.7	22.4
2007	939	714	41	31	23.7	22.2	23.5	21.9	24.4	22.9	23.1	21.7	23.8	22.3
2008	1,545	678	61	27	23.6	22.6	23.5	22.6	24.3	23.3	22.6	21.8	23.6	22.7
2009	1,899	457	77	19	23.6	22.8	23.7	22.9	24.4	23.7	22.9	22.0	23.8	23.0
2010	2,148	433	80	16	23.9	23.1	23.8	22.6	24.3	23.6	23.2	22.2	23.9	23.0

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.

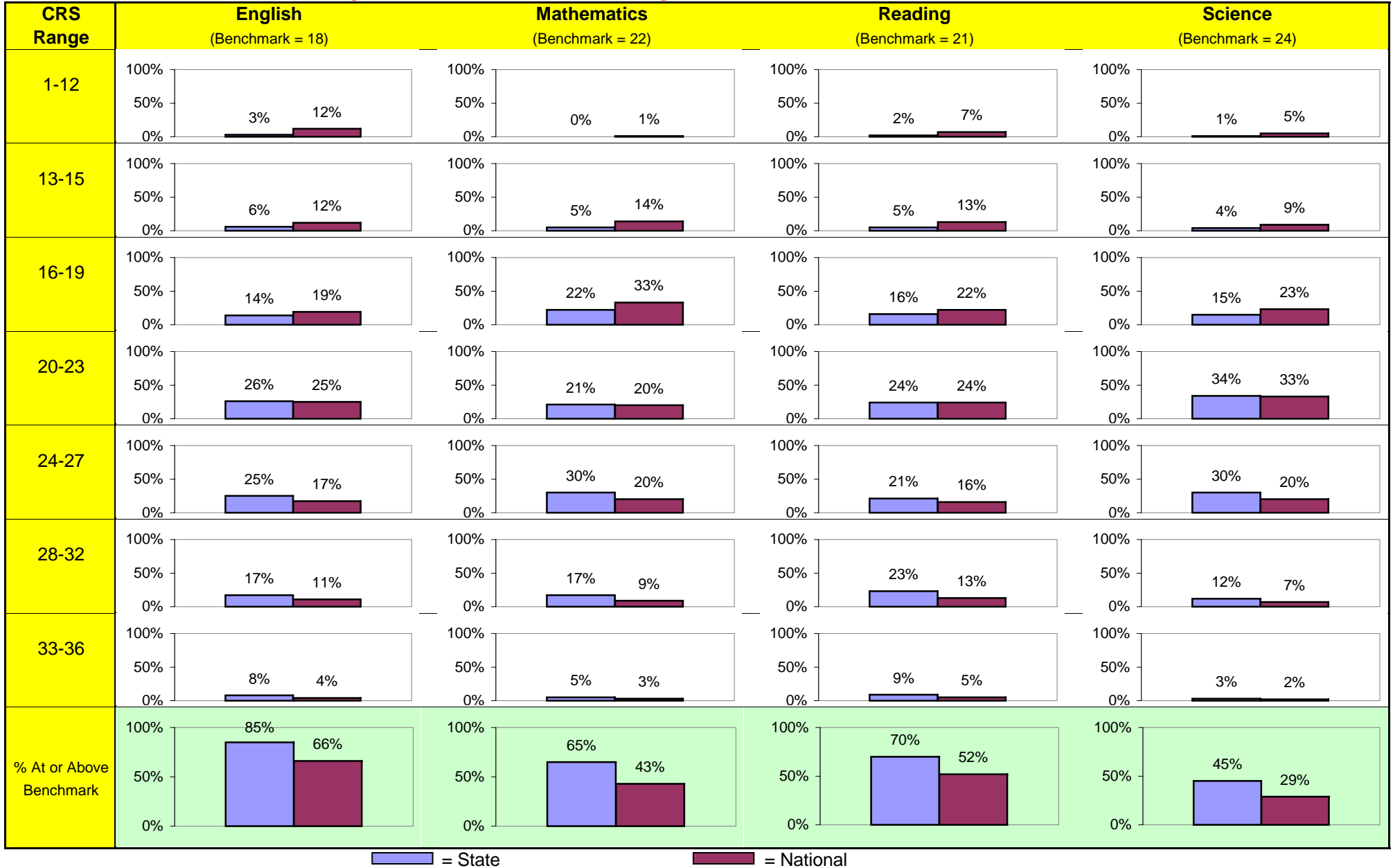
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	1,779	100	22.6	2,269	100	22.9	2,548	100	23.1	2,469	100	23.5	2,685	100	23.7
African American/Black	28	2	19.8	35	2	20.4	45	2	21.5	51	2	20.2	42	2	20.2
American Indian/Alaska Native	6	0	20.3	6	0	23.2	6	0	20.8	7	0	23.7	7	0	26.1
Caucasian American/White	1,249	70	22.5	1,509	67	22.8	1,966	77	23.0	2,021	82	23.4	2,244	84	23.6
Hispanic	29	2	21.6	44	2	21.5	43	2	21.7	41	2	22.5	65	2	22.5
Asian American/Pacific Islander	52	3	24.1	43	2	24.0	61	2	24.5	61	2	25.7	84	3	25.8
Other/No Response	415	23	22.8	632	28	23.1	427	17	23.8	288	12	24.4	243	9	24.2

Total Students in Report: 2,685

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



Section II

Academic Achievement

Total Students in Report: 2,685

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	15	100	11	100	23	100	10	100	1	100	36
35	56	99	46	100	48	99	22	100	11	100	35
34	75	97	44	98	67	97	16	99	29	100	34
33	78	95	45	96	97	95	32	98	33	98	33
32	59	92	55	95	83	91	20	97	62	97	32
31	87	89	59	93	124	88	51	96	83	95	31
30	76	86	97	90	121	84	63	94	114	92	30
29	94	83	104	87	147	79	72	92	124	88	29
28	141	80	135	83	133	74	115	89	141	83	28
27	112	75	189	78	124	69	152	85	161	78	27
26	194	70	186	71	129	64	143	79	206	72	26
25	167	63	194	64	169	59	257	74	222	64	25
24	211	57	236	57	141	53	257	65	205	56	24
23	172	49	195	48	164	48	258	55	200	48	23
22	187	43	151	41	189	42	228	45	197	41	22
21	186	36	93	35	131	34	198	37	172	33	21
20	154	29	121	31	171	30	227	29	174	27	20
19	132	23	124	27	120	23	137	21	137	20	19
18	91	18	142	22	90	19	145	16	124	15	18
17	78	15	169	17	153	15	73	11	103	11	17
16	83	12	159	11	64	10	59	8	64	7	16
15	70	9	97	5	60	7	52	6	55	5	15
14	53	6	21	1	51	5	32	4	36	2	14
13	29	4	6	1	28	3	26	2	19	1	13
12	26	3	3	1	26	2	14	1	6	1	12
11	22	2	2	1	17	1	12	1	4	1	11
10	19	1	0	1	12	1	8	1	1	1	10
9	5	1	0	1	2	1	4	1	1	1	9
8	11	1	0	1	0	1	1	1	0	1	8
7	0	1	0	1	1	1	0	1	0	1	7
6	1	1	0	1	0	1	1	1	0	1	6
5	1	1	0	1	0	1	0	1	0	1	5
4	0	1	1	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	23.6 (5.8)		23.5 (5.2)		24.1 (5.9)		22.9 (4.6)		23.7 (4.8)		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: 2,685

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	215	100	65	100	105	100	138	100	218	100	51	100	56	100	18
17	169	92	22	98	168	96	364	95	243	92	53	98	30	98	17
16	167	86	260	97	285	90	243	81	244	83	151	96	134	97	16
15	295	79	309	87	239	79	327	72	269	74	128	91	282	92	15
14	184	68	242	76	242	70	139	60	230	64	383	86	359	81	14
13	241	62	313	67	195	61	264	55	197	55	386	71	312	68	13
12	211	53	384	55	282	54	223	45	270	48	283	57	350	56	12
11	243	45	344	41	226	44	272	37	252	38	402	47	290	43	11
10	322	36	213	28	240	35	190	27	198	28	271	32	303	32	10
9	199	24	227	20	291	26	153	20	165	21	289	21	201	21	9
8	135	16	122	11	165	15	109	14	170	15	140	11	165	14	8
7	104	11	85	7	121	9	91	10	171	9	64	6	79	8	7
6	95	7	42	4	50	5	83	6	42	2	33	3	60	5	6
5	56	4	23	2	38	3	67	3	5	1	26	2	27	2	5
4	36	2	22	1	18	1	16	1	7	1	5	1	17	1	4
3	11	1	8	1	16	1	5	1	3	1	16	1	9	1	3
2	2	1	3	1	4	1	1	1	0	1	0	1	8	1	2
1	0	1	1	1	0	1	0	1	1	1	4	1	3	1	1
Avg (SD)	12.1 (3.7)		12.1 (3.0)		12.1 (3.4)		12.7 (3.6)		12.7 (3.5)		11.8 (2.8)		11.8 (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: 2,685

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	2,685	80	23.9	23.0
	African American/Black	42	67	21.2	19.3
	American Indian/Alaska Native	7	71	24.6	30.0
	Caucasian American/White	2,244	81	23.8	23.0
	Hispanic	65	75	22.8	21.8
	Asian American/Pacific Islander	84	81	25.9	26.2
	Other/No Response	243	70	25.2	23.0
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	23.6	23.5	24.1	22.9	23.7
	African American/Black	20.0	20.5	20.0	19.5	20.2
	American Indian/Alaska Native	24.7	25.7	27.9	25.9	26.1
	Caucasian American/White	23.6	23.3	24.1	23.0	23.6
	Hispanic	22.5	22.2	23.4	21.4	22.5
	Asian American/Pacific Islander	25.9	27.3	25.1	24.4	25.8
	Other/No Response	24.1	24.7	24.2	23.3	24.2
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: 2,685

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	224	8	146	5	235	9	80	3
	28 to 32	457	17	450	17	608	23	321	12
	24 to 27	684	25	805	30	563	21	809	30
	20 to 23	699	26	560	21	655	24	911	34
	16 to 19	384	14	594	22	427	16	414	15
	13 to 15	152	6	124	5	139	5	110	4
	01 to 12	85	3	6	0	58	2	40	1
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	1,171	44	23.1	24.1	23.8	23.5	23.7
	Females	1,512	56	24.0	23.0	24.3	22.6	23.6
	Missing	2	0	11.0	21.5	11.5	18.0	16.0
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	69	49	44
	Females	87	62	72	42	37
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 2,685

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	2,148	87	23.9	68	23.8	72	24.3	47	23.2	42	23.9
	Less than Core	433	81	23.1	55	22.6	68	23.6	40	22.2	35	23.0
	Missing ³	104	68	19.9	42	21.4	43	20.6	18	20.2	15	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	2,541	86	23.8	2,541	67	23.7	2,296	71	24.1	2,456	48	23.3
	Less than Core	45	87	22.4	44	25	18.0	288	76	24.8	128	19	19.2
	Missing ³	99	68	19.7	100	42	21.3	101	45	20.7	101	18	20.1
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.

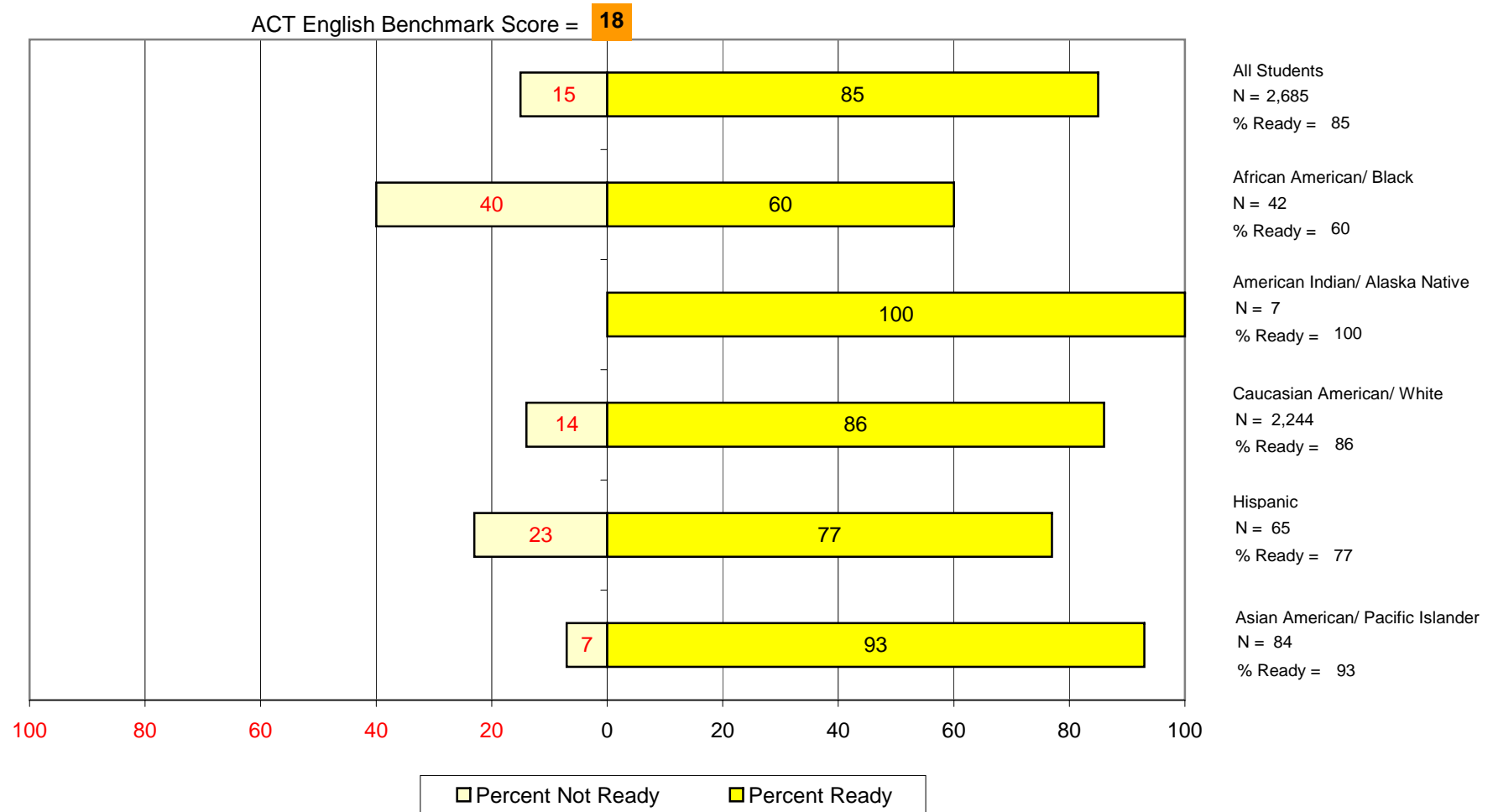
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

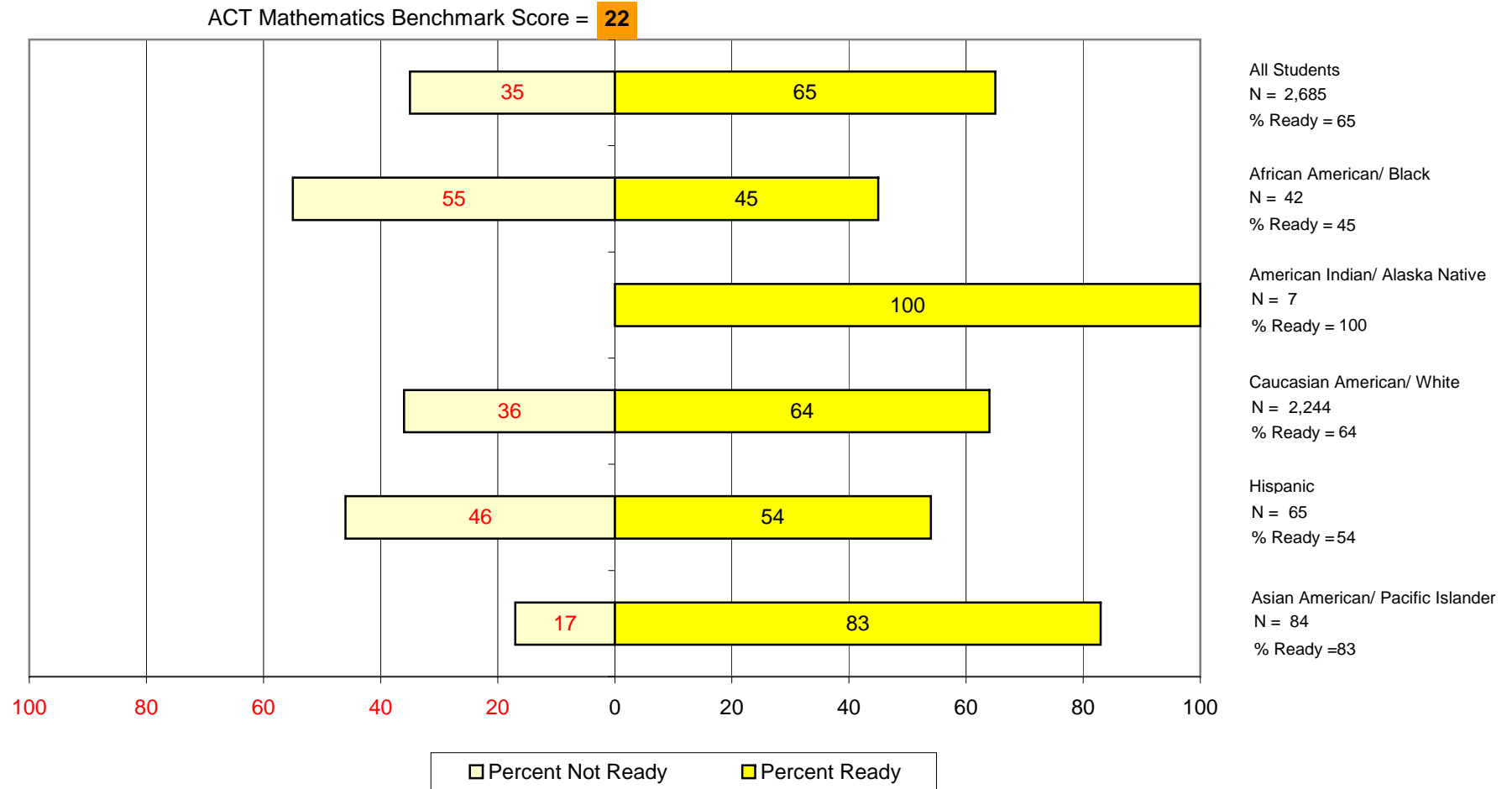
Total Students in Report: 2,685

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



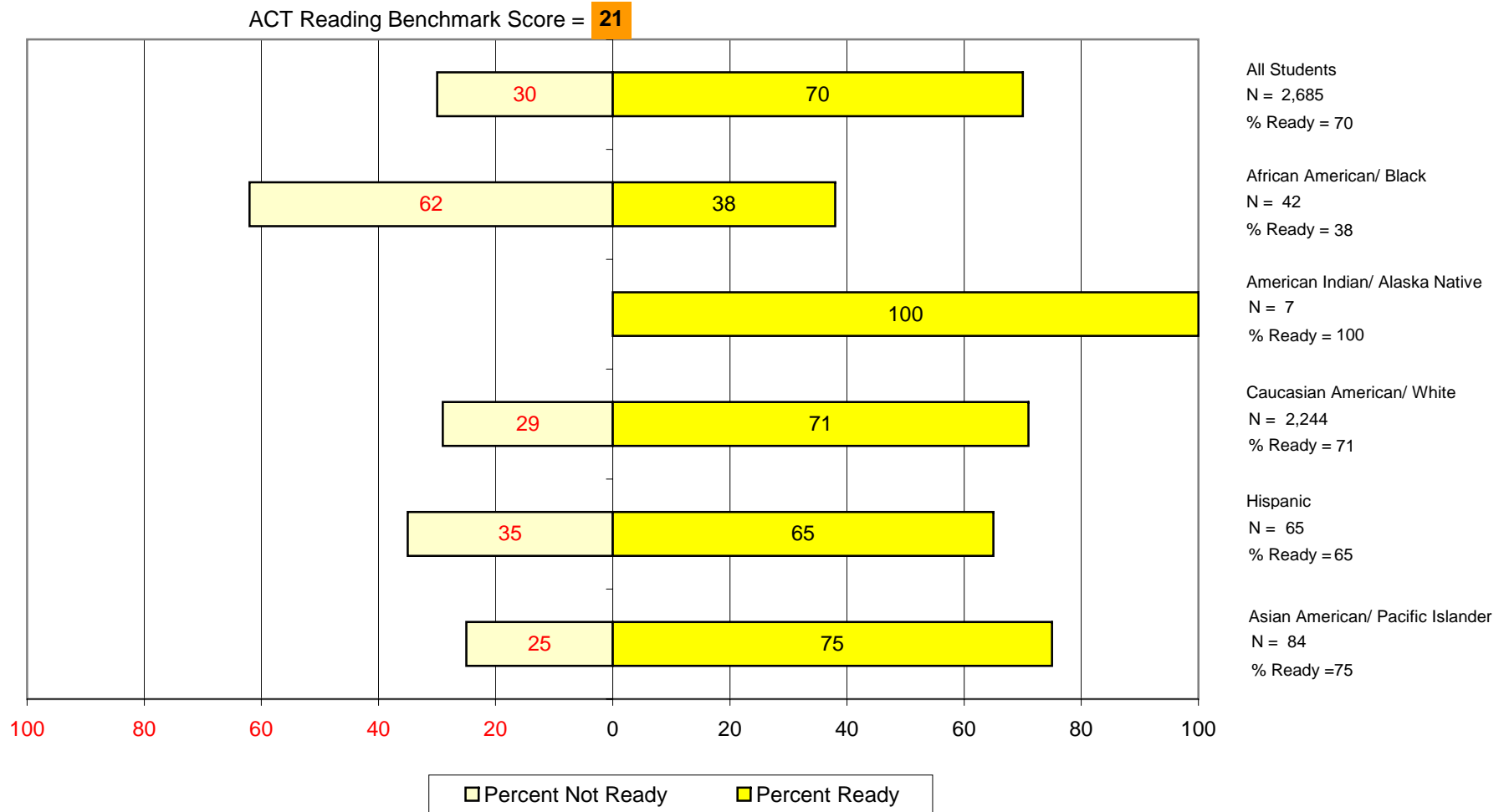
Total Students in Report: 2,685

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



Total Students in Report: 2,685

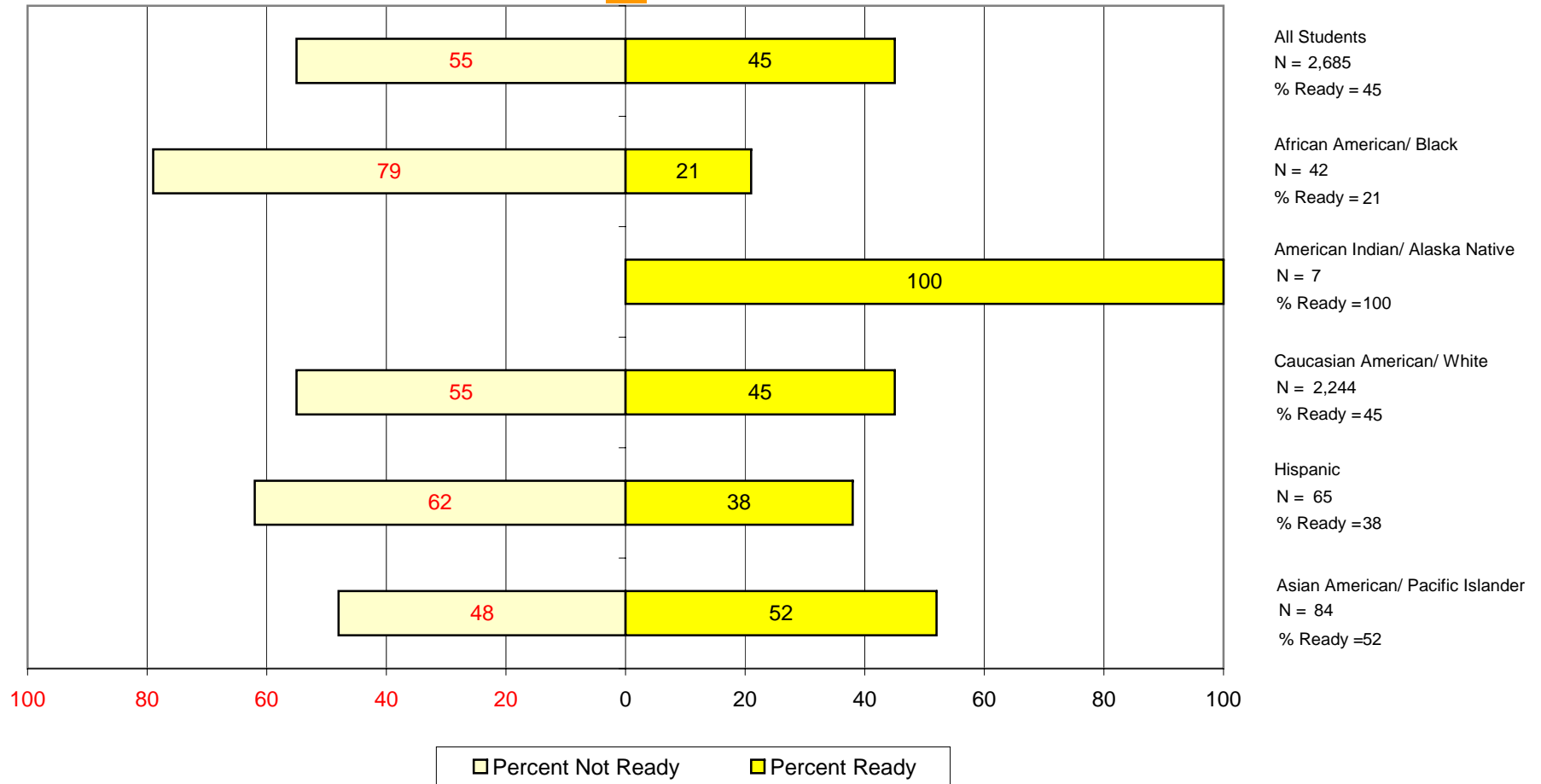
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 2,685

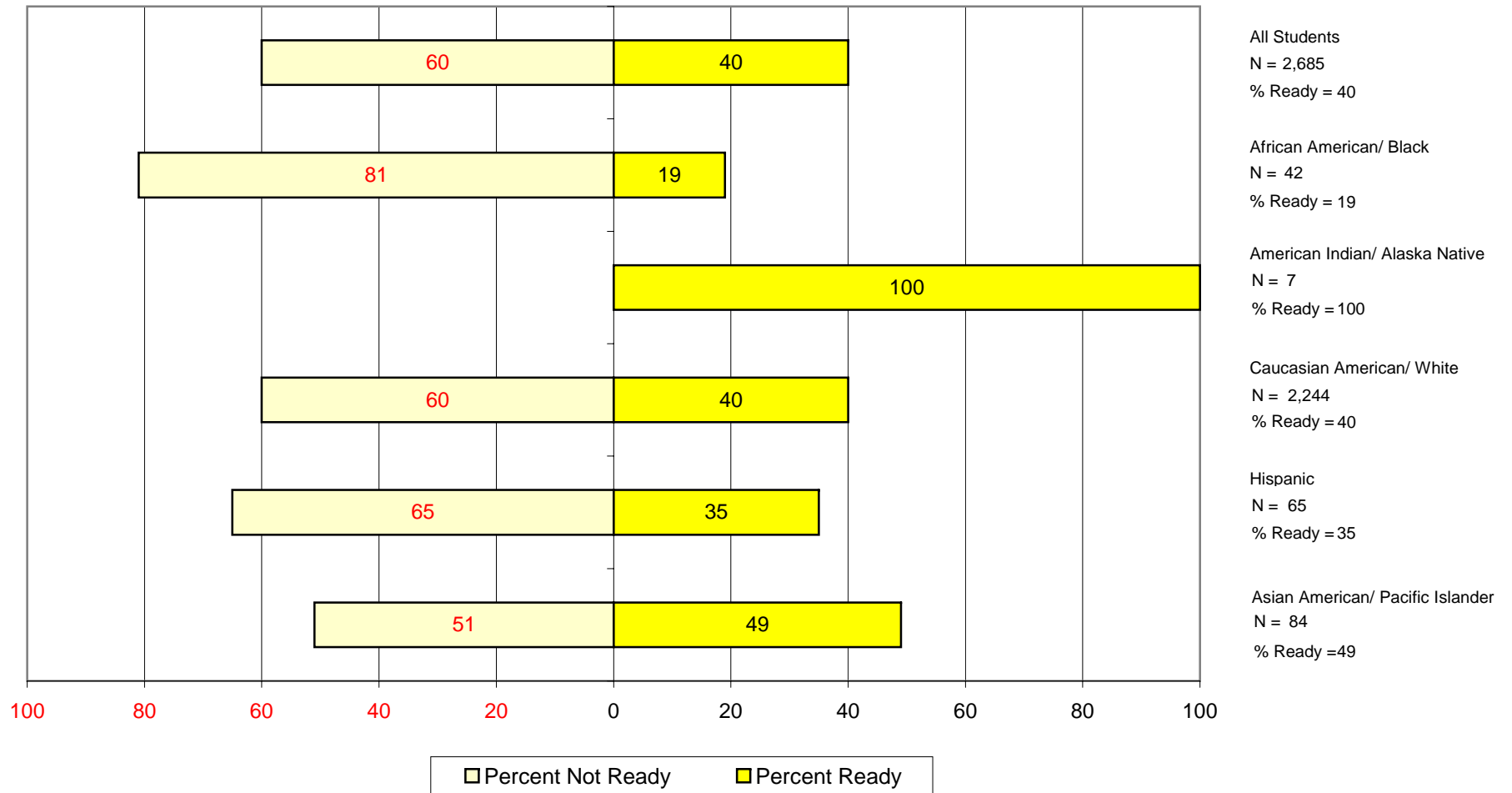
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 2,685

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



Total Students in Report: 2,685

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	859	32	24.5	2.1	353	30	24.2	1.9	506	33	24.7	2.3
Eng 9, Eng 10, Eng 11, Eng 12	1,682	63	23.4	1.0	729	62	22.9	0.6	953	63	23.8	1.4
Less than 4 years of English	45	2	22.4	-	22	2	22.3	-	23	2	22.4	-
Zero years / no English courses reported	99	4	19.7	-	67	6	19.7	-	30	2	20.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	208	8	25.9	7.9	91	8	26.5	9.0	117	8	25.4	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	233	9	22.1	4.1	88	8	22.3	4.8	145	10	22.0	3.6
Alg 1, Alg 2, Geom, & Trig	130	5	20.8	2.8	54	5	21.3	3.8	76	5	20.4	2.0
Alg 1, Alg 2, Geom, & Other Adv Math	400	15	21.1	3.1	123	11	21.8	4.3	277	18	20.7	2.3
Other comb of 4 or more years of Math	1,276	48	25.7	7.7	611	52	26.2	8.7	665	44	25.2	6.8
Alg 1, Alg 2, & Geom	162	6	18.0	0.0	59	5	18.1	0.6	103	7	18.0	-0.4
Other comb of 3 or 3.5 years of Math	132	5	21.5	3.5	57	5	20.7	3.2	75	5	22.1	3.7
Less than 3 years of Math	44	2	18.0	-	21	2	17.5	-	23	2	18.4	-
Zero years / no Math courses reported	100	4	21.3	-	67	6	21.5	-	31	2	20.8	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	79	3	26.9	2.1	37	3	26.5	2.3	42	3	27.2	1.8
Other comb of 4 or more years Social Science	1,468	55	24.0	-0.8	613	52	24.1	-0.1	855	57	24.0	-1.4
US Hist, World Hist, & Am Gov	40	1	25.6	0.8	17	1	25.0	0.8	23	2	26.0	0.6
Other comb of 3 or 3.5 years of Social Science	709	26	24.0	-0.8	303	26	23.2	-1.0	406	27	24.5	-0.9
Less than 3 years of Social Science	288	11	24.8	-	133	11	24.2	-	155	10	25.4	-
Zero years / no Social Science courses reported	101	4	20.7	-	68	6	21.2	-	31	2	20.2	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,662	62	23.8	4.6	747	64	24.5	5.3	915	61	23.2	3.9
Bio, Chem, Phys	202	8	24.8	5.6	89	8	24.9	5.7	113	7	24.7	5.4
Gen Sci ² , Bio, Chem	539	20	21.0	1.8	191	16	20.8	1.6	348	23	21.2	1.9
Other comb of 3 years of Natural Science	53	2	23.3	4.1	27	2	24.3	5.1	26	2	22.3	3.0
Less than 3 years of Natural Science	128	5	19.2	-	48	4	19.2	-	80	5	19.3	-
Zero years / no Natural Science courses reported	101	4	20.1	-	69	6	20.5	-	30	2	19.3	-

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: 2,685

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	859	32	24.5	87	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	1,682	63	23.4	85	1,096,437	70	20.5	66
Less than 4 years of English	45	2	22.4	87	74,180	5	16.4	39
Zero years / no English courses reported	99	4	19.7	68	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	208	8	25.9	84	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	233	9	22.1	59	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	130	5	20.8	44	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	400	15	21.1	49	239,289	15	20.0	36
Other comb of 4 or more years of Math	1,276	48	25.7	81	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	162	6	18.0	20	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	132	5	21.5	52	74,720	5	19.9	35
Less than 3 years of Math	44	2	18.0	25	97,949	6	16.4	7
Zero years / no Math courses reported	100	4	21.3	42	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	79	3	26.9	84	47,523	3	22.6	60
Other comb of 4 or more years Social Science	1,468	55	24.0	71	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	40	1	25.6	83	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	709	26	24.0	68	439,520	28	21.2	51
Less than 3 years of Social Science	288	11	24.8	76	156,679	10	19.5	39
Zero years / no Social Science courses reported	101	4	20.7	45	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	1,662	62	23.8	52	620,765	40	22.2	40
Bio, Chem, Phys	202	8	24.8	62	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	539	20	21.0	27	474,375	30	20.1	21
Other comb of 3 years of Natural Science	53	2	23.3	51	43,231	3	19.7	21
Less than 3 years of Natural Science	128	5	19.2	19	231,566	15	18.3	12
Zero years / no Natural Science courses reported	101	4	20.1	18	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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	9	0	20.1	3	13	15.7	6	0	22.3
Architecture & Environmental Design	30	1	24.5	1	4	20.0	27	1	24.7
Business & Management	294	11	23.0	2	9	15.5	256	11	23.1
Business & Office	5	0	21.2	0	0	.	3	0	18.7
Marketing & Distribution	18	1	22.6	0	0	.	17	1	22.9
Communications & Comm. Technologies	93	3	23.1	0	0	.	86	4	23.2
Community & Personal Services	30	1	20.3	2	9	16.5	27	1	20.4
Computer & Information Sciences	40	1	24.5	0	0	.	34	2	23.9
Cross-Disciplinary Studies	19	1	25.6	0	0	.	19	1	25.6
Education	103	4	21.8	0	0	.	93	4	21.6
Teacher Education	48	2	20.3	2	9	18.5	41	2	20.2
Engineering	154	6	25.5	0	0	.	140	6	25.4
Engineering-Related Technologies	76	3	24.7	0	0	.	73	3	24.6
Foreign Languages	36	1	26.9	0	0	.	31	1	26.8
Health Sciences & Allied Health Fields	367	14	22.8	7	30	17.0	334	15	22.9
Human, Family & Consumer Science	12	0	22.9	0	0	.	12	1	22.9
Letters	24	1	25.0	0	0	.	23	1	24.7
Mathematics	26	1	26.5	1	4	14.0	20	1	26.6
Philosophy, Religion & Theology	11	0	22.7	0	0	.	9	0	23.7
Sciences (Biological & Physical)	317	12	25.2	0	0	.	283	13	25.2
Social Sciences	222	8	24.5	0	0	.	199	9	24.3
Trade & Industrial	7	0	21.3	1	4	16.0	6	0	22.2
Visual & Performing Arts	125	5	22.8	1	4	28.0	116	5	22.9
Undecided	467	17	24.4	2	9	14.0	368	16	24.2
No Response	152	6	20.7	1	4	26.0	11	0	22.6

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: 2,685

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	2	18.0	0	.	0	.	2	18.0	0	.	0	.	0	.
2-yr College Degree	21	17.3	0	.	0	.	19	17.2	0	.	1	16.0	1	20.0
Bachelors Degree	816	21.9	10	17.6	3	25.3	735	21.9	10	19.2	10	25.1	48	22.3
Graduate Study	753	24.2	7	19.1	1	23.0	648	24.2	16	25.0	24	24.3	57	24.3
Prof. Level Degree	665	25.7	8	24.0	3	28.0	531	25.6	23	23.7	41	27.2	59	26.8
Other	19	22.3	1	16.0	0	.	17	22.9	0	.	0	.	1	18.0
No Response	409	23.4	16	20.6	0	.	292	23.6	16	20.3	8	24.5	77	23.5

Total Students in Report: 2,685

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	359	104	255	1	2	16	29	35	17	1
KEENE STATE COLLEGE	New Hampshire	131	45	86	3	11	29	31	21	5	1
NORTHEASTERN UNIVERSITY	Massachusetts	120	32	88	0	0	5	23	45	26	2
PLYMOUTH STATE UNIVERSITY	New Hampshire	107	21	86	3	14	30	34	15	5	0
BOSTON UNIVERSITY	Massachusetts	98	38	60	0	1	3	21	47	22	5
NCAA ELIGIBILITY CENTER	Indiana	73	53	20	1	8	21	27	26	15	1
UNIVERSITY OF VERMONT	Vermont	73	9	64	0	0	10	26	45	19	0
BOSTON COLLEGE	Massachusetts	65	28	37	0	2	5	11	51	31	2
DARTMOUTH COLLEGE	New Hampshire	50	22	28	0	0	4	20	26	46	4
UNIVERSITY OF CONNECTICUT	Connecticut	49	16	33	0	2	8	18	51	20	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	45	7	38	2	9	18	29	33	9	0
TUFTS UNIVERSITY	Massachusetts	42	13	29	0	0	2	7	33	48	10
QUINNIPIAC UNIVERSITY	Connecticut	40	12	28	0	0	13	40	30	18	0
SOUTHERN NEW HAMPSHIRE UNIVERSITY	New Hampshire	40	7	33	3	18	33	33	15	0	0
ENDICOTT COLLEGE	Massachusetts	35	7	28	0	6	20	51	20	3	0
SAINT ANSELM COLLEGE	New Hampshire	34	5	29	0	0	21	41	29	9	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	33	9	24	0	9	12	24	39	15	0
WORCESTER POLYTECHNIC INST	Massachusetts	32	10	22	0	0	3	25	31	38	3
UNIV OF MASSACHUSETTS LOWELL	Massachusetts	30	8	22	0	7	20	40	30	3	0
NEW YORK UNIVERSITY	New York	29	13	16	0	0	7	34	28	31	0
UNIVERSITY OF NEW ENGLAND	Maine	29	7	22	0	7	17	31	34	10	0
NHTI-CONCORD'S COMMUNITY COLLEGE	New Hampshire	28	11	17	4	29	29	18	21	0	0
BROWN UNIVERSITY	Rhode Island	26	8	18	0	0	0	8	38	46	8
EMERSON COLLEGE	Massachusetts	25	10	15	0	0	4	28	44	20	4
UNIVERSITY OF SOUTHERN MAINE	Maine	25	3	22	0	16	12	36	24	12	0
ITHACA COLLEGE	New York	23	6	17	0	0	4	35	48	13	0
STONEHILL COLLEGE	Massachusetts	23	5	18	0	0	17	22	43	13	4
SYRACUSE UNIVERSITY	New York	23	4	19	0	0	9	22	39	30	0
BENTLEY UNIVERSITY	Massachusetts	22	6	16	0	14	5	23	23	36	0
CORNELL UNIVERSITY	New York	22	7	15	0	0	0	14	32	41	14
All Other Institutions		1,994	536	1,458	1	4	13	26	32	22	3
Total		3,725	1,062	2,663	1	4	13	27	33	20	2

Section V Optional Writing Test Results

Total Students in Report: 2,685

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	2,254	869,014	24.1	21.4	7.8	7.1	23.3	20.8
African American/Black	32	107,638	21.4	16.4	6.8	6.4	20.4	16.4
American Indian/Alaska Native	6	6,232	25.5	18.9	8.2	6.6	24.7	18.4
Caucasian American/White	1,872	518,004	24.0	23.0	7.8	7.3	23.2	22.1
Hispanic	54	101,126	23.1	18.1	7.5	6.9	22.4	18.1
Asian American/Pacific Islander	77	49,922	26.4	23.6	8.2	7.7	25.3	22.9
Other/No Response	213	86,092	24.5	21.0	7.8	7.1	23.7	20.4
Males	961	384,152	23.7	21.1	7.6	6.9	22.8	20.3
Females	1,291	484,023	24.4	21.7	7.9	7.3	23.7	21.2
Missing	2	839	11.0	16.8	6.0	6.3	12.0	16.6

