

ACT Profile Report - State

Graduating Class 2010
Maine



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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.

Total Students in Report: 1,611

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

36% 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: 1,611 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. 64% 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, 16% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 67% 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 4% of the cohort took less than three years of natural science courses. 17% 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 31% 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.

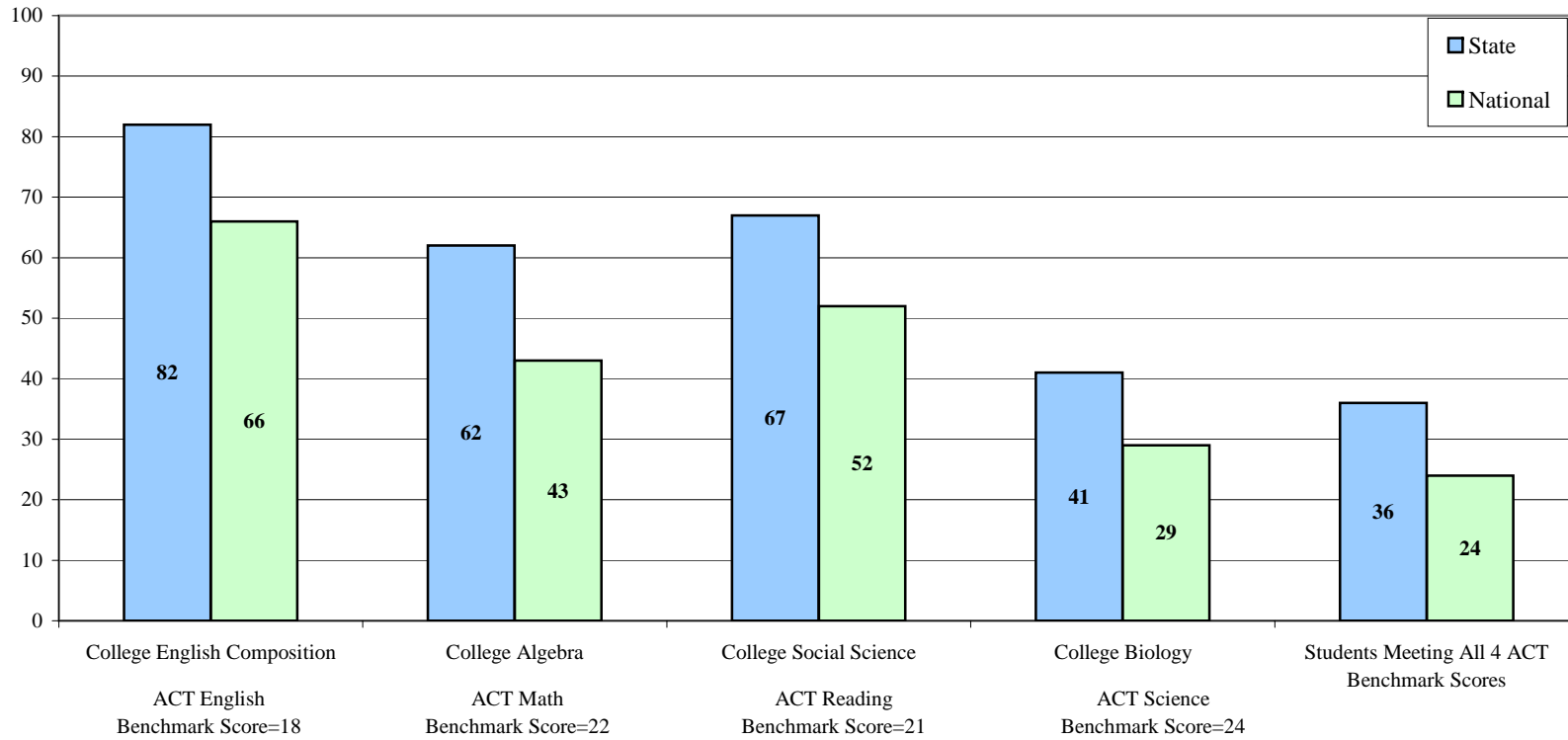
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 508-229-0111.

Section I

Executive Summary

Total Students in Report: 1,611

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: 1,611

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	1,536	1,206,455	78	69	51	42	65	53	33	27	28	21
2007	1,600	1,300,599	80	69	53	43	63	53	33	28	28	23
2008	1,527	1,421,941	81	68	56	43	65	53	37	28	30	22
2009	1,438	1,480,469	82	67	60	42	69	53	39	28	34	23
2010	1,611	1,568,835	82	66	62	43	67	52	41	29	36	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	1,536	1,206,455	22.0	20.6	21.9	20.8	23.1	21.4	21.6	20.9	22.3	21.1
2007	1,600	1,300,599	22.4	20.7	22.2	21.0	22.9	21.5	21.8	21.0	22.5	21.2
2008	1,527	1,421,941	22.7	20.6	22.5	21.0	23.2	21.4	22.0	20.8	22.7	21.1
2009	1,438	1,480,469	23.0	20.6	23.0	21.0	23.6	21.4	22.3	20.9	23.1	21.1
2010	1,611	1,568,835	23.2	20.5	23.0	21.0	23.6	21.3	22.5	20.9	23.2	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: 1,611

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	591	584	38	38	22.6	21.7	22.4	21.5	23.9	22.8	22.2	21.4	22.9	22.0
2007	600	585	38	37	22.8	22.5	22.4	22.3	23.2	23.0	22.0	21.9	22.7	22.6
2008	818	489	54	32	22.9	22.9	22.5	23.0	23.5	23.4	22.3	22.1	22.9	23.0
2009	945	412	66	29	23.2	23.4	23.1	23.4	23.9	23.7	22.4	22.6	23.3	23.4
2010	1,033	505	64	31	23.5	23.0	23.2	22.9	24.0	23.2	22.7	22.4	23.5	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.

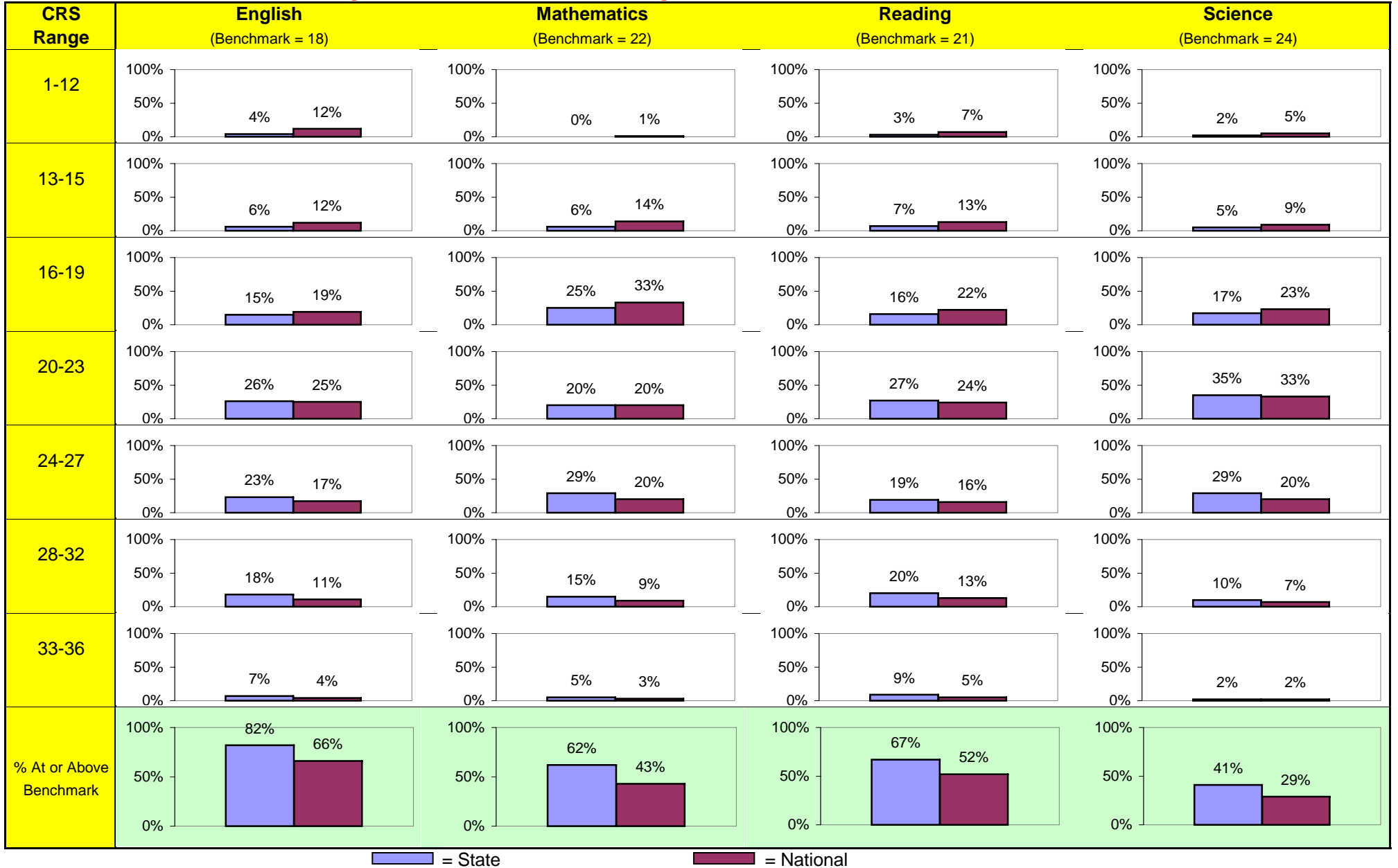
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	1,536	100	22.3	1,600	100	22.5	1,527	100	22.7	1,438	100	23.1	1,611	100	23.2
African American/Black	34	2	16.9	32	2	17.2	29	2	18.6	24	2	18.4	35	2	18.2
American Indian/Alaska Native	10	1	19.4	7	0	20.7	8	1	19.3	7	0	21.1	8	0	20.4
Caucasian American/White	1,134	74	22.6	1,131	71	22.6	1,173	77	22.8	1,208	84	23.4	1,340	83	23.5
Hispanic	18	1	19.6	33	2	22.3	23	2	19.5	23	2	20.3	23	1	21.2
Asian American/Pacific Islander	25	2	20.0	28	2	21.8	26	2	22.7	30	2	23.6	49	3	23.5
Other/No Response	315	21	22.4	369	23	22.6	268	18	23.1	146	10	22.6	156	10	22.3

Total Students in Report: 1,611

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



Section II

Academic Achievement

Total Students in Report: 1,611

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	5	100	6	100	20	100	6	100	1	100	36
35	31	100	25	100	17	99	7	100	2	100	35
34	41	98	16	98	48	98	9	99	8	100	34
33	29	95	30	97	52	95	16	99	19	99	33
32	37	93	27	95	65	91	2	98	38	98	32
31	57	91	33	94	54	87	21	98	47	96	31
30	73	88	52	91	80	84	37	96	55	93	30
29	59	83	49	88	63	79	42	94	80	89	29
28	70	79	75	85	58	75	57	91	76	84	28
27	64	75	106	81	61	72	83	88	109	80	27
26	99	71	99	74	71	68	109	83	111	73	26
25	96	65	121	68	89	63	139	76	104	66	25
24	107	59	144	60	90	58	136	67	121	60	24
23	96	52	111	51	104	52	162	59	102	52	23
22	93	46	97	45	111	46	112	49	118	46	22
21	139	41	43	38	97	39	142	42	117	38	21
20	97	32	78	36	120	33	153	33	123	31	20
19	77	26	81	31	60	26	77	23	86	24	19
18	56	21	92	26	59	22	97	19	87	18	18
17	42	18	125	20	97	18	61	13	69	13	17
16	71	15	104	12	43	12	37	9	50	9	16
15	55	11	56	6	43	9	33	7	39	5	15
14	32	7	32	3	53	7	24	5	23	3	14
13	13	5	5	1	14	3	24	3	18	2	13
12	27	4	3	1	25	3	10	2	4	1	12
11	16	3	0	1	10	1	5	1	2	1	11
10	9	2	0	1	6	1	5	1	2	1	10
9	13	1	0	1	1	1	3	1	0	1	9
8	5	1	1	1	0	1	2	1	0	1	8
7	2	1	0	1	0	1	0	1	0	1	7
6	0	1	0	1	0	1	0	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	0	1	0	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)	23.2 (6.0)		23.0 (5.3)		23.6 (6.0)		22.5 (4.6)		23.2 (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: 1,611

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	104	100	37	100	68	100	85	100	118	100	24	100	32	100	18
17	99	94	24	98	88	96	204	95	134	93	33	99	13	98	17
16	107	87	145	96	177	90	108	82	144	84	78	96	70	97	16
15	173	81	165	87	119	79	167	75	117	75	72	92	146	93	15
14	102	70	141	77	112	72	84	65	136	68	196	87	193	84	14
13	131	64	171	68	106	65	168	60	154	60	207	75	201	72	13
12	126	56	216	58	178	58	142	49	150	50	182	62	219	59	12
11	123	48	211	44	155	47	170	41	144	41	232	51	150	46	11
10	211	40	127	31	151	38	98	30	119	32	181	36	196	36	10
9	138	27	154	23	196	28	94	24	122	25	200	25	148	24	9
8	79	18	89	14	99	16	104	18	126	17	100	13	113	15	8
7	81	14	54	8	79	10	61	12	92	9	46	7	52	8	7
6	64	9	26	5	52	5	61	8	40	3	16	4	35	5	6
5	35	5	28	3	16	2	37	4	7	1	24	3	16	3	5
4	27	2	14	1	7	1	19	2	5	1	4	1	14	2	4
3	7	1	8	1	6	1	6	1	2	1	14	1	8	1	3
2	4	1	1	1	2	1	3	1	1	1	0	1	5	1	2
1	0	1	0	1	0	1	0	1	0	1	2	1	0	1	1
Avg (SD)	11.9 (3.7)		11.9 (3.1)		11.9 (3.4)		12.4 (3.7)		12.4 (3.5)		11.5 (2.8)		11.6 (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)	27	27	28	25	27
Q2 (50th Percentile)	23	23	23	23	23
Q1 (25th Percentile)	19	18	19	20	20

Total Students in Report: 1,611

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	1,611	64	23.5	23.0
	African American/Black	35	37	18.5	17.2
	American Indian/Alaska Native	8	63	20.6	19.5
	Caucasian American/White	1,340	66	23.7	23.3
	Hispanic	23	52	21.8	22.6
	Asian American/Pacific Islander	49	51	22.5	24.5
	Other/No Response	156	60	23.3	21.8
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	23.2	23.0	23.6	22.5	23.2
	African American/Black	17.8	17.6	18.6	18.3	18.2
	American Indian/Alaska Native	20.0	18.9	21.4	19.9	20.4
	Caucasian American/White	23.6	23.1	24.0	22.7	23.5
	Hispanic	21.5	20.7	21.7	20.3	21.2
	Asian American/Pacific Islander	22.8	25.0	22.5	23.1	23.5
	Other/No Response	21.5	23.3	22.1	21.7	22.3
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: 1,611

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	106	7	77	5	137	9	38	2
	28 to 32	296	18	236	15	320	20	159	10
	24 to 27	366	23	470	29	311	19	467	29
	20 to 23	425	26	329	20	432	27	569	35
	16 to 19	246	15	402	25	259	16	272	17
	13 to 15	100	6	93	6	110	7	81	5
	01 to 12	72	4	4	0	42	3	25	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	648	40	22.8	23.9	23.5	23.1	23.4
	Females	963	60	23.5	22.4	23.7	22.1	23.0
	Missing	0	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	81	68	68	47	41
	Females	83	57	67	37	32
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 1,611

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	1,033	85	23.5	63	23.2	70	24.0	42	22.7	37	23.5
	Less than Core	505	80	23.0	60	22.9	63	23.2	42	22.4	35	23.0
	Missing ³	73	58	19.2	48	20.6	49	20.5	26	20.5	19	20.2
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	1,522	83	23.4	1,504	63	23.2	1,095	68	23.8	1,485	43	22.7
	Less than Core	25	72	20.2	38	16	17.3	448	66	23.6	59	17	18.9
	Missing ³	64	59	19.5	69	49	20.6	68	51	20.7	67	27	20.7
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.

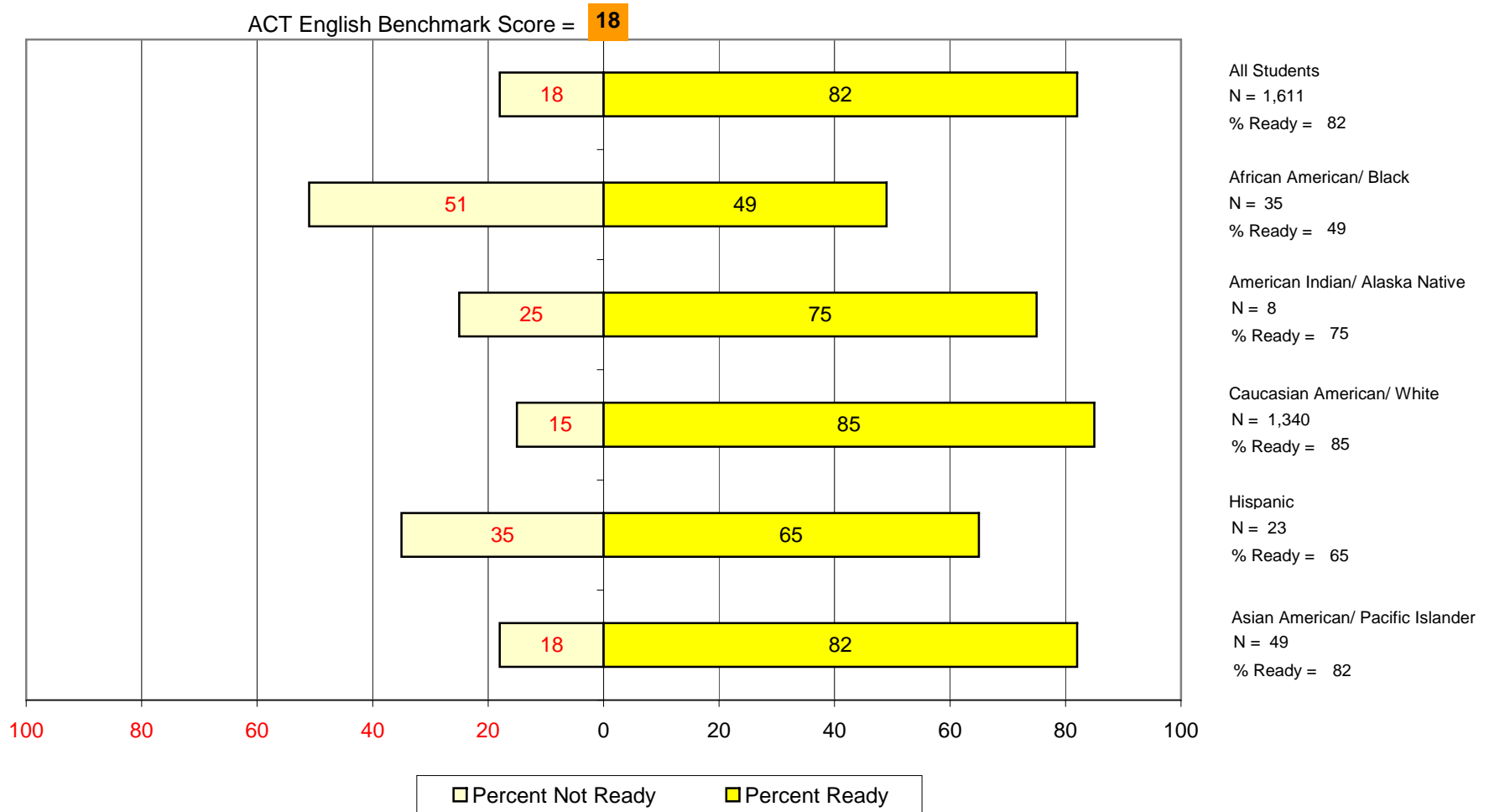
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

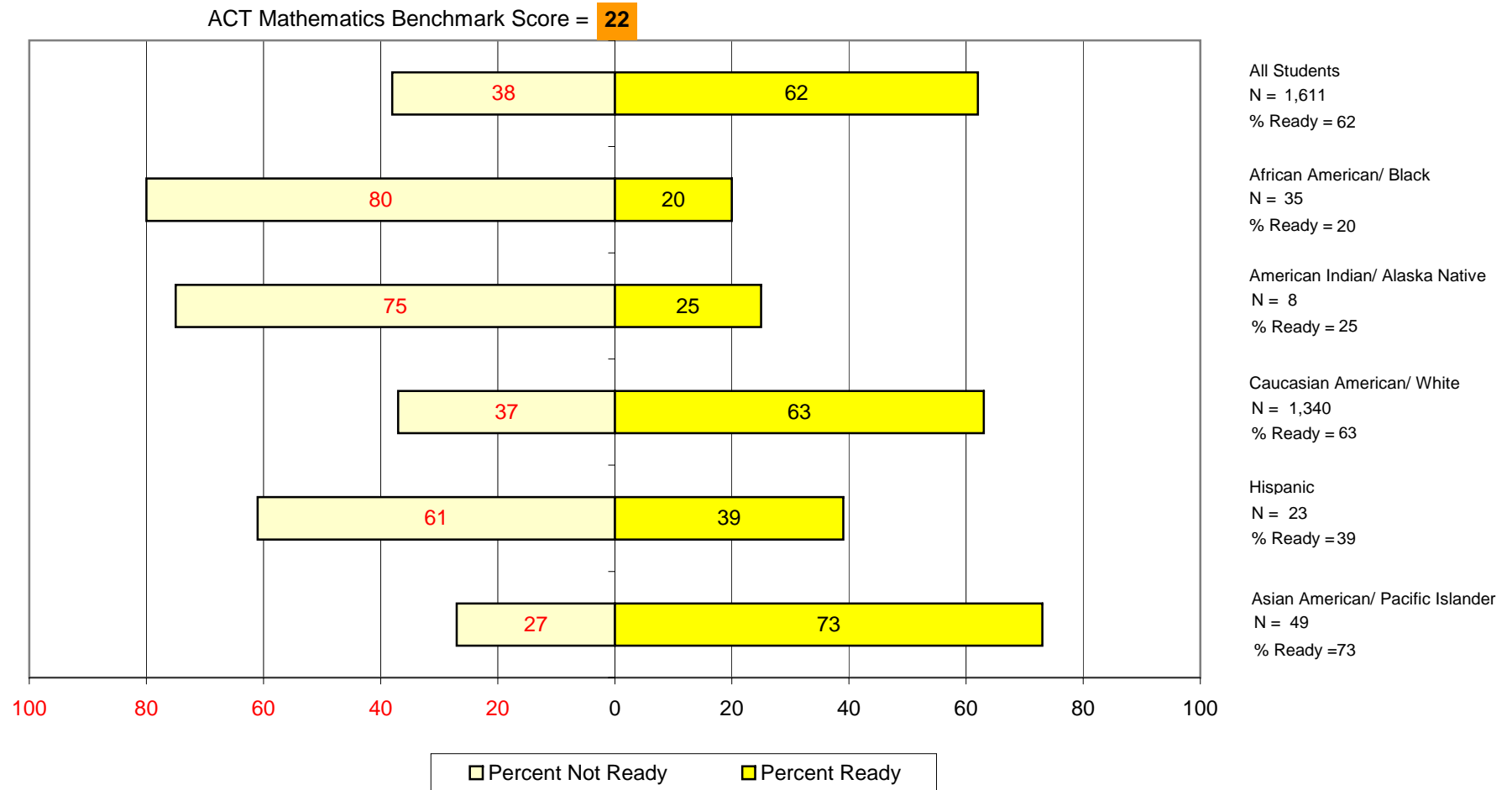
Total Students in Report: 1,611

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



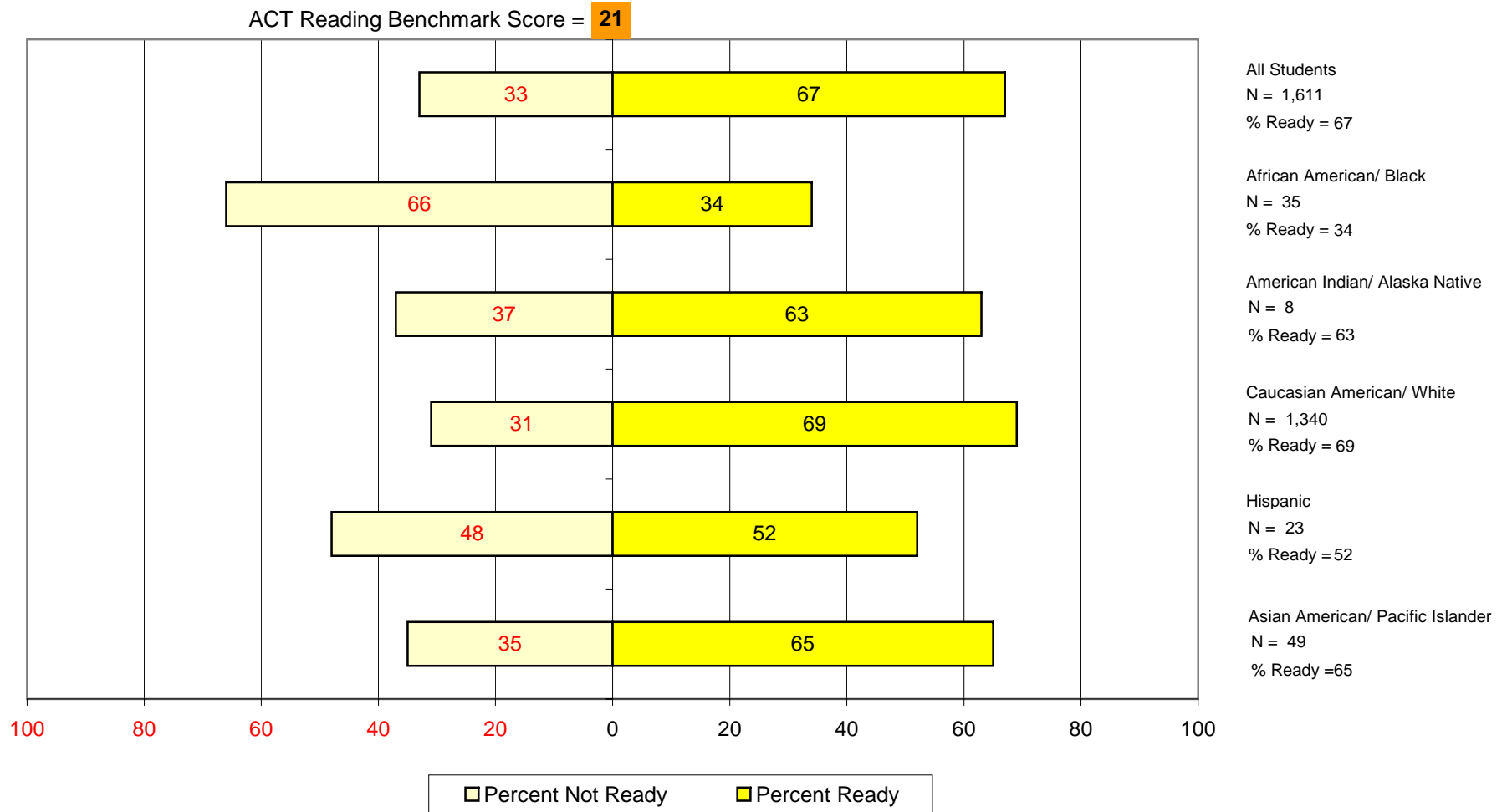
Total Students in Report: 1,611

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



Total Students in Report: 1,611

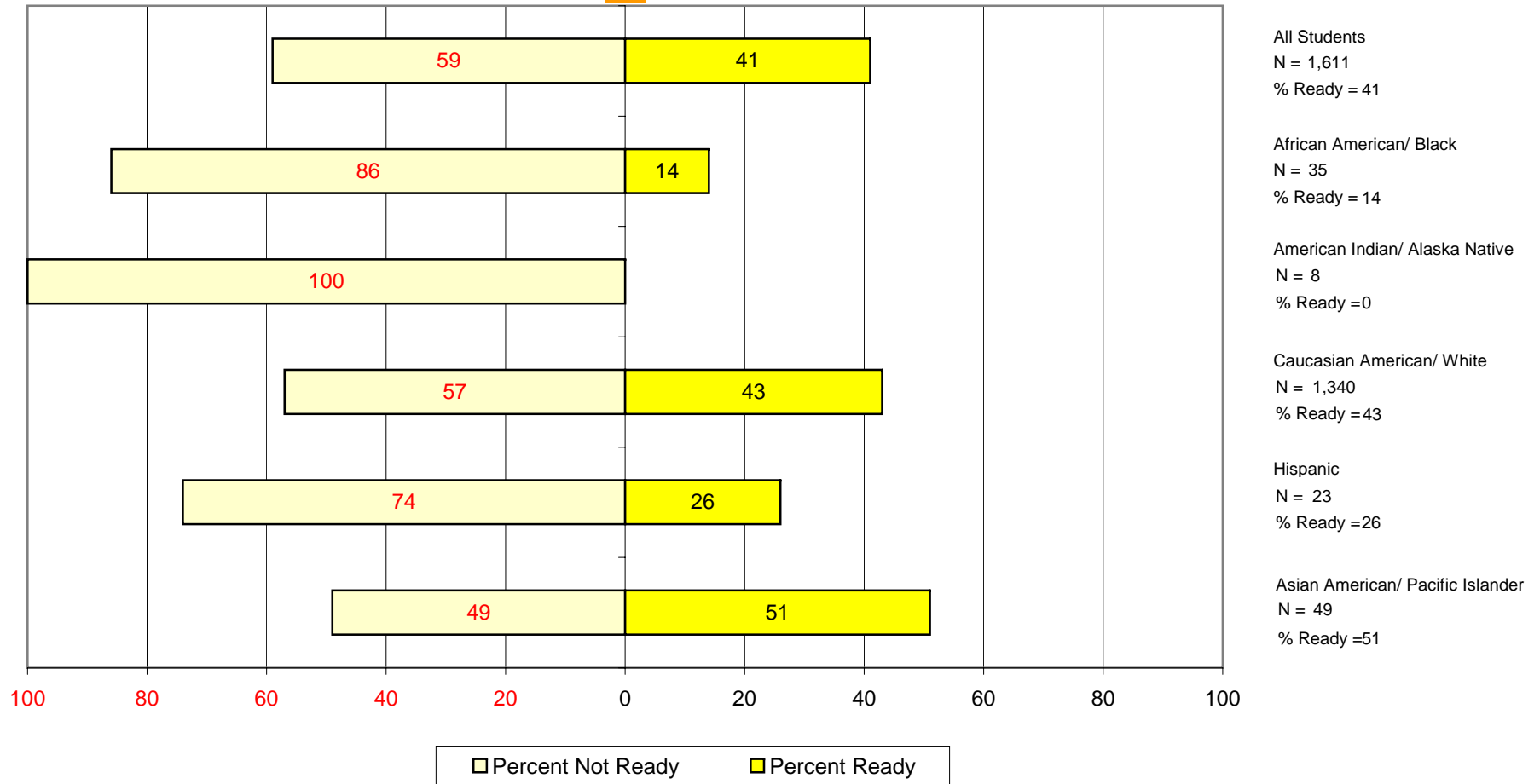
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 1,611

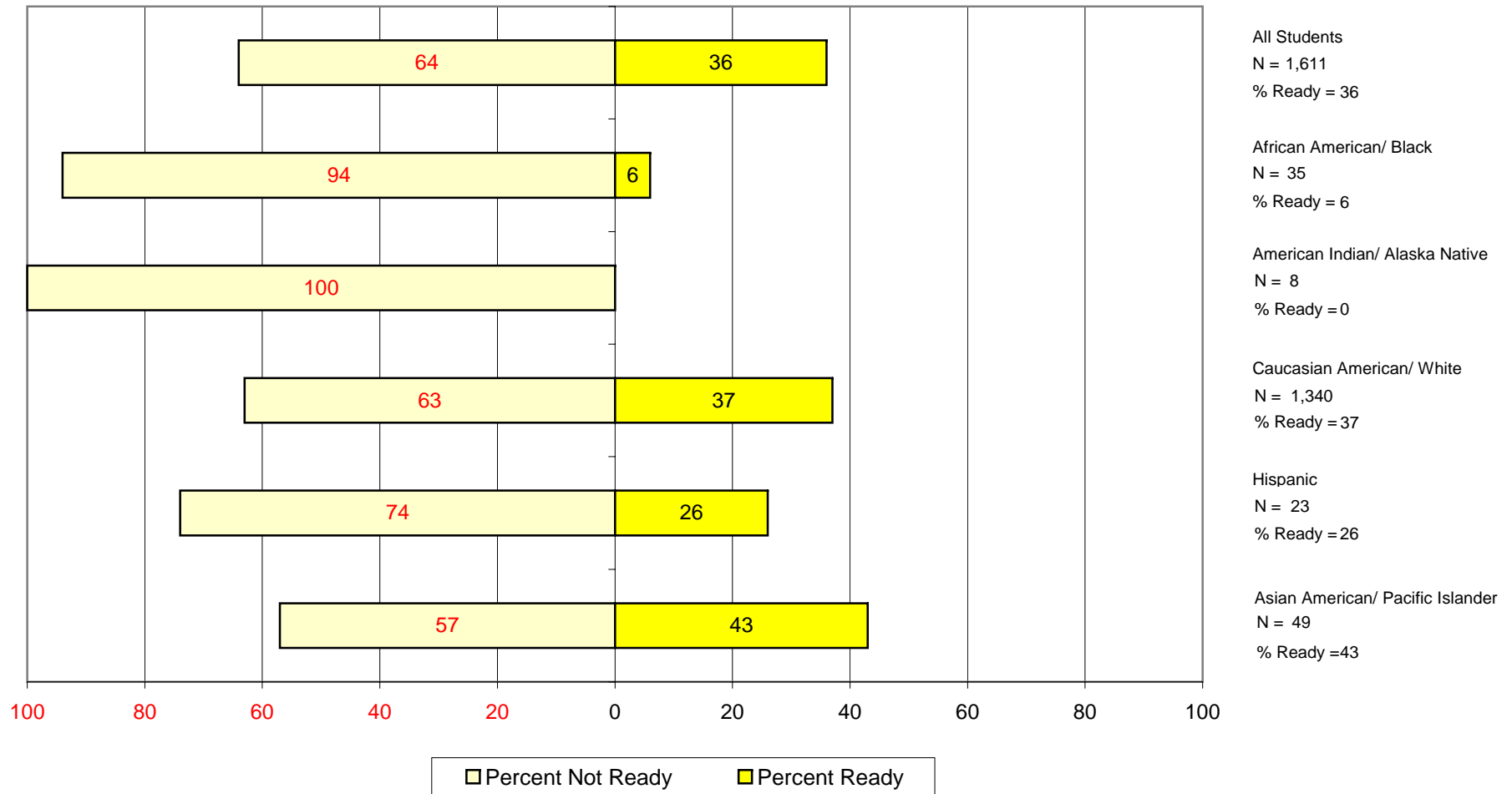
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = **24**



Total Students in Report: 1,611

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



Total Students in Report: 1,611

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	387	24	23.8	3.6	134	21	23.6	7.7	253	26	23.9	1.6
Eng 9, Eng 10, Eng 11, Eng 12	1,135	70	23.2	3.0	466	72	23.0	7.1	669	69	23.4	1.1
Less than 4 years of English	25	2	20.2	-	8	1	15.9	-	17	2	22.3	-
Zero years / no English courses reported	64	4	19.5	-	40	6	18.4	-	24	2	21.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	116	7	26.0	8.7	51	8	26.9	8.4	65	7	25.3	8.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	185	11	22.4	5.1	57	9	22.5	4.0	128	13	22.4	5.6
Alg 1, Alg 2, Geom, & Trig	86	5	20.2	2.9	34	5	20.6	2.1	52	5	20.0	3.2
Alg 1, Alg 2, Geom, & Other Adv Math	281	17	20.8	3.5	88	14	21.5	3.0	193	20	20.5	3.7
Other comb of 4 or more years of Math	622	39	25.7	8.4	283	44	26.5	8.0	339	35	25.1	8.3
Alg 1, Alg 2, & Geom	126	8	18.1	0.8	46	7	18.9	0.4	80	8	17.7	0.9
Other comb of 3 or 3.5 years of Math	88	5	22.0	4.7	34	5	22.9	4.4	54	6	21.4	4.6
Less than 3 years of Math	38	2	17.3	-	12	2	18.5	-	26	3	16.8	-
Zero years / no Math courses reported	69	4	20.6	-	43	7	20.8	-	26	3	20.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	126	8	25.0	1.4	54	8	24.3	0.8	72	7	25.6	1.9
Other comb of 4 or more years Social Science	485	30	23.9	0.3	213	33	24.0	0.5	272	28	23.8	0.1
US Hist, World Hist, & Am Gov	87	5	22.5	-1.1	33	5	22.9	-0.6	54	6	22.3	-1.4
Other comb of 3 or 3.5 years of Social Science	397	25	23.5	-0.1	135	21	23.5	0.0	262	27	23.4	-0.3
Less than 3 years of Social Science	448	28	23.6	-	172	27	23.5	-	276	29	23.7	-
Zero years / no Social Science courses reported	68	4	20.7	-	41	6	19.6	-	27	3	22.5	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,032	64	23.1	4.2	416	64	23.8	4.7	616	64	22.6	3.8
Bio, Chem, Phys	128	8	23.7	4.8	60	9	24.5	5.4	68	7	23.0	4.2
Gen Sci ² , Bio, Chem	303	19	21.1	2.2	96	15	21.5	2.4	207	21	21.0	2.2
Other comb of 3 years of Natural Science	22	1	21.1	2.2	16	2	21.5	2.4	6	1	20.2	1.4
Less than 3 years of Natural Science	59	4	18.9	-	18	3	19.1	-	41	4	18.8	-
Zero years / no Natural Science courses reported	67	4	20.7	-	42	6	20.3	-	25	3	21.4	-

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: 1,611

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	387	24	23.8	86	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	1,135	70	23.2	82	1,096,437	70	20.5	66
Less than 4 years of English	25	2	20.2	72	74,180	5	16.4	39
Zero years / no English courses reported	64	4	19.5	59	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	116	7	26.0	88	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	185	11	22.4	63	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	86	5	20.2	40	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	281	17	20.8	44	239,289	15	20.0	36
Other comb of 4 or more years of Math	622	39	25.7	81	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	126	8	18.1	18	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	88	5	22.0	51	74,720	5	19.9	35
Less than 3 years of Math	38	2	17.3	16	97,949	6	16.4	7
Zero years / no Math courses reported	69	4	20.6	49	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	126	8	25.0	74	47,523	3	22.6	60
Other comb of 4 or more years Social Science	485	30	23.9	69	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	87	5	22.5	57	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	397	25	23.5	68	439,520	28	21.2	51
Less than 3 years of Social Science	448	28	23.6	66	156,679	10	19.5	39
Zero years / no Social Science courses reported	68	4	20.7	51	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	1,032	64	23.1	46	620,765	40	22.2	40
Bio, Chem, Phys	128	8	23.7	48	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	303	19	21.1	30	474,375	30	20.1	21
Other comb of 3 years of Natural Science	22	1	21.1	32	43,231	3	19.7	21
Less than 3 years of Natural Science	59	4	18.9	17	231,566	15	18.3	12
Zero years / no Natural Science courses reported	67	4	20.7	27	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 1,611

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	13	1	20.6	0	0	.	13	1	20.6
Architecture & Environmental Design	22	1	22.5	0	0	.	18	1	21.6
Business & Management	148	9	21.9	1	11	15.0	127	10	22.0
Business & Office	5	0	20.2	0	0	.	3	0	22.3
Marketing & Distribution	7	0	23.0	0	0	.	6	0	23.2
Communications & Comm. Technologies	51	3	21.6	1	11	16.0	46	3	21.8
Community & Personal Services	13	1	20.3	0	0	.	10	1	20.9
Computer & Information Sciences	14	1	23.8	0	0	.	13	1	23.6
Cross-Disciplinary Studies	4	0	26.0	0	0	.	4	0	26.0
Education	49	3	21.5	1	11	16.0	45	3	21.7
Teacher Education	20	1	22.2	0	0	.	18	1	22.2
Engineering	103	6	26.2	0	0	.	96	7	26.4
Engineering-Related Technologies	51	3	23.5	1	11	13.0	45	3	23.8
Foreign Languages	19	1	25.4	0	0	.	18	1	25.2
Health Sciences & Allied Health Fields	249	15	22.0	1	11	16.0	227	17	22.1
Human, Family & Consumer Science	12	1	21.2	0	0	.	11	1	21.6
Letters	25	2	24.9	0	0	.	24	2	25.0
Mathematics	25	2	27.0	0	0	.	22	2	26.9
Philosophy, Religion & Theology	12	1	25.3	0	0	.	11	1	24.9
Sciences (Biological & Physical)	159	10	24.9	0	0	.	150	11	24.9
Social Sciences	147	9	24.5	0	0	.	128	10	24.4
Trade & Industrial	2	0	16.0	0	0	.	1	0	16.0
Visual & Performing Arts	77	5	22.1	0	0	.	72	5	22.1
Undecided	298	18	23.6	4	44	16.0	212	16	23.8
No Response	86	5	20.4	0	0	.	14	1	22.7

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: 1,611

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	1	14.0	0	.	0	.	1	14.0	0	.	0	.	0	.
2-yr College Degree	8	15.8	0	.	0	.	6	15.0	0	.	1	16.0	1	20.0
Bachelors Degree	580	21.7	13	15.2	3	20.0	514	22.0	5	18.0	12	22.0	33	21.5
Graduate Study	318	24.2	3	22.0	1	21.0	269	24.4	4	26.0	11	22.9	30	23.5
Prof. Level Degree	436	25.1	8	20.4	2	20.0	370	25.3	10	22.6	14	26.6	32	24.7
Other	17	22.1	2	15.5	1	24.0	10	22.8	0	.	2	22.0	2	24.5
No Response	251	22.3	9	20.0	1	18.0	170	23.1	4	17.0	9	22.6	58	20.8

Total Students in Report: 1,611

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

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF MAINE THE	Maine	162	53	109	1	8	28	27	28	9	0
UNIVERSITY OF SOUTHERN MAINE	Maine	68	21	47	1	9	38	35	10	6	0
UNIVERSITY OF NEW ENGLAND	Maine	46	9	37	2	4	20	41	30	2	0
NORTHEASTERN UNIVERSITY	Massachusetts	45	9	36	0	4	4	22	42	24	2
COLBY COLLEGE	Maine	44	17	27	0	2	14	27	27	30	0
BOSTON UNIVERSITY	Massachusetts	40	16	24	0	3	5	25	43	25	0
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	37	7	30	3	11	27	41	11	8	0
BOSTON COLLEGE	Massachusetts	35	16	19	0	0	0	17	49	29	6
HUSSON UNIVERSITY	Maine	34	9	25	0	12	41	41	3	3	0
TUFTS UNIVERSITY	Massachusetts	33	6	27	0	0	6	9	21	58	6
UNIVERSITY OF VERMONT	Vermont	28	4	24	0	0	11	36	36	18	0
UNIVERSITY OF MAINE AT FARMINGTON	Maine	23	5	18	0	13	35	39	0	13	0
BOWDOIN COLLEGE	Maine	22	7	15	0	0	14	18	27	41	0
SAINT JOSEPH'S COLLEGE	Maine	19	5	14	0	5	21	53	21	0	0
MAINE MARITIME ACADEMY	Maine	18	6	12	0	22	28	33	17	0	0
NCAA ELIGIBILITY CENTER	Indiana	17	14	3	12	18	24	12	18	18	0
RENSSELAER POLYTECHNIC INSTITUTE	New York	17	5	12	0	0	0	12	24	59	6
UNIVERSITY OF CONNECTICUT	Connecticut	17	3	14	0	12	12	24	29	24	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	17	6	11	0	6	29	53	12	0	0
QUINNIPIAC UNIVERSITY	Connecticut	16	5	11	0	6	13	44	31	6	0
BENTLEY UNIVERSITY	Massachusetts	15	4	11	0	13	7	40	40	0	0
BOB JONES UNIVERSITY	South Carolina	15	14	1	7	0	7	40	33	13	0
MASSACHUSETTS COLL PHARM/HLTH SCIENCES	Massachusetts	15	8	7	0	0	13	53	20	13	0
NEW YORK UNIVERSITY	New York	15	10	5	0	0	13	20	53	13	0
SYRACUSE UNIVERSITY	New York	15	4	11	0	7	0	53	27	13	0
ITHACA COLLEGE	New York	14	3	11	0	0	7	14	50	29	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	14	2	12	0	0	36	29	21	14	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	14	3	11	0	0	36	21	29	14	0
BATES COLLEGE	Maine	13	3	10	0	0	0	38	15	46	0
SAINT ANSELM COLLEGE	New Hampshire	13	5	8	0	0	15	46	38	0	0
All Other Institutions		1,154	329	825	1	4	15	28	31	18	3
Total		2,035	608	1,427	1	5	17	29	29	18	2

Section V

Optional Writing Test Results

Total Students in Report: 1,611

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	1,315	869,014	23.7	21.4	7.8	7.1	23.1	20.8
African American/Black	20	107,638	18.8	16.4	6.5	6.4	18.3	16.4
American Indian/Alaska Native	7	6,232	19.6	18.9	7.6	6.6	20.0	18.4
Caucasian American/White	1,094	518,004	24.1	23.0	7.9	7.3	23.5	22.1
Hispanic	19	101,126	22.4	18.1	7.3	6.9	21.7	18.1
Asian American/Pacific Islander	45	49,922	22.9	23.6	8.0	7.7	22.6	22.9
Other/No Response	130	86,092	21.8	21.0	7.5	7.1	21.4	20.4
Males	498	384,152	23.4	21.1	7.5	6.9	22.5	20.3
Females	817	484,023	24.0	21.7	8.0	7.3	23.4	21.2
Missing	0	839	.	16.8	.	6.3	.	16.6

