

ACT Profile Report - State

Graduating Class 2010
Wyoming



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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

17% 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: 5,533 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. 55% 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 14% of the cohort took less than three years of math courses. Of these students, 5% were college ready. 25% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 12% of these students were college ready. In comparison, 51% 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 25% of the cohort took less than three years of natural science courses. 7% of these students were college ready. In comparison, 29% 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 56% 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.

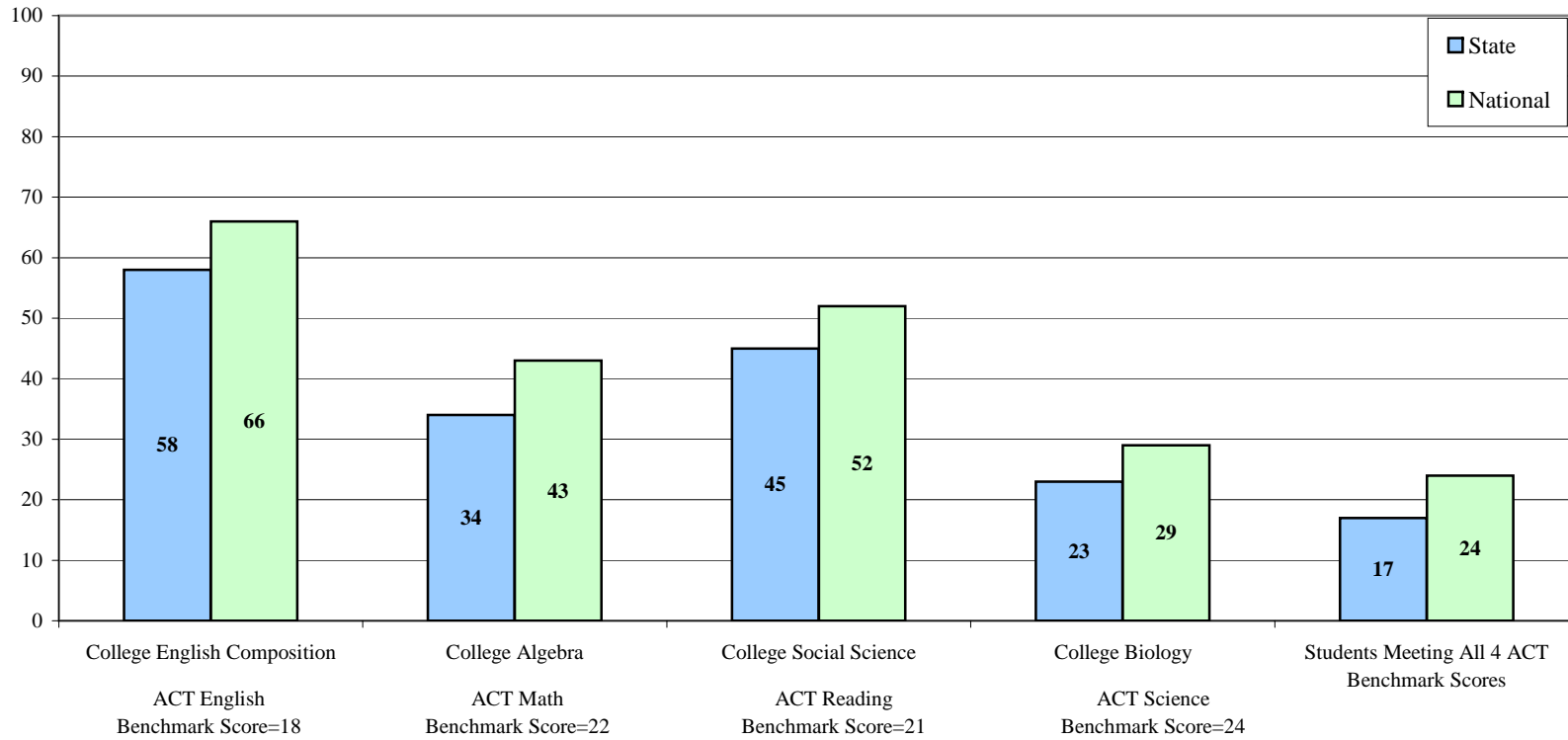
PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

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 303-337-3273.

Section I

Executive Summary

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: 5,533

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	3,871	1,206,455	73	69	44	42	61	53	31	27	24	21
2007	4,115	1,300,599	73	69	44	43	59	53	30	28	23	23
2008	4,361	1,421,941	68	68	41	43	55	53	27	28	21	22
2009	5,530	1,480,469	57	67	33	42	45	53	22	28	17	23
2010	5,533	1,568,835	58	66	34	43	45	52	23	29	17	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	3,871	1,206,455	20.7	20.6	21.0	20.8	22.4	21.4	21.7	20.9	21.6	21.1
2007	4,115	1,300,599	20.7	20.7	21.1	21.0	22.2	21.5	21.4	21.0	21.5	21.2
2008	4,361	1,421,941	20.1	20.6	20.8	21.0	21.8	21.4	21.0	20.8	21.1	21.1
2009	5,530	1,480,469	18.9	20.6	19.8	21.0	20.4	21.4	20.2	20.9	20.0	21.1
2010	5,533	1,568,835	19.0	20.5	19.8	21.0	20.4	21.3	20.1	20.9	20.0	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: 5,533

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2006	2,080	1,538	54	40	22.0	19.1	22.2	19.5	23.5	20.9	22.6	20.4	22.7	20.1
2007	1,947	1,667	47	41	22.1	19.1	22.4	19.6	23.4	20.8	22.4	20.2	22.7	20.1
2008	2,355	1,710	54	39	21.5	18.7	22.0	19.3	23.0	20.6	22.1	19.9	22.3	19.7
2009	2,990	2,309	54	42	20.6	16.9	21.2	18.3	21.9	18.7	21.4	18.8	21.4	18.3
2010	3,026	2,304	55	42	20.8	16.9	21.3	18.1	22.0	18.6	21.6	18.5	21.5	18.2

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.

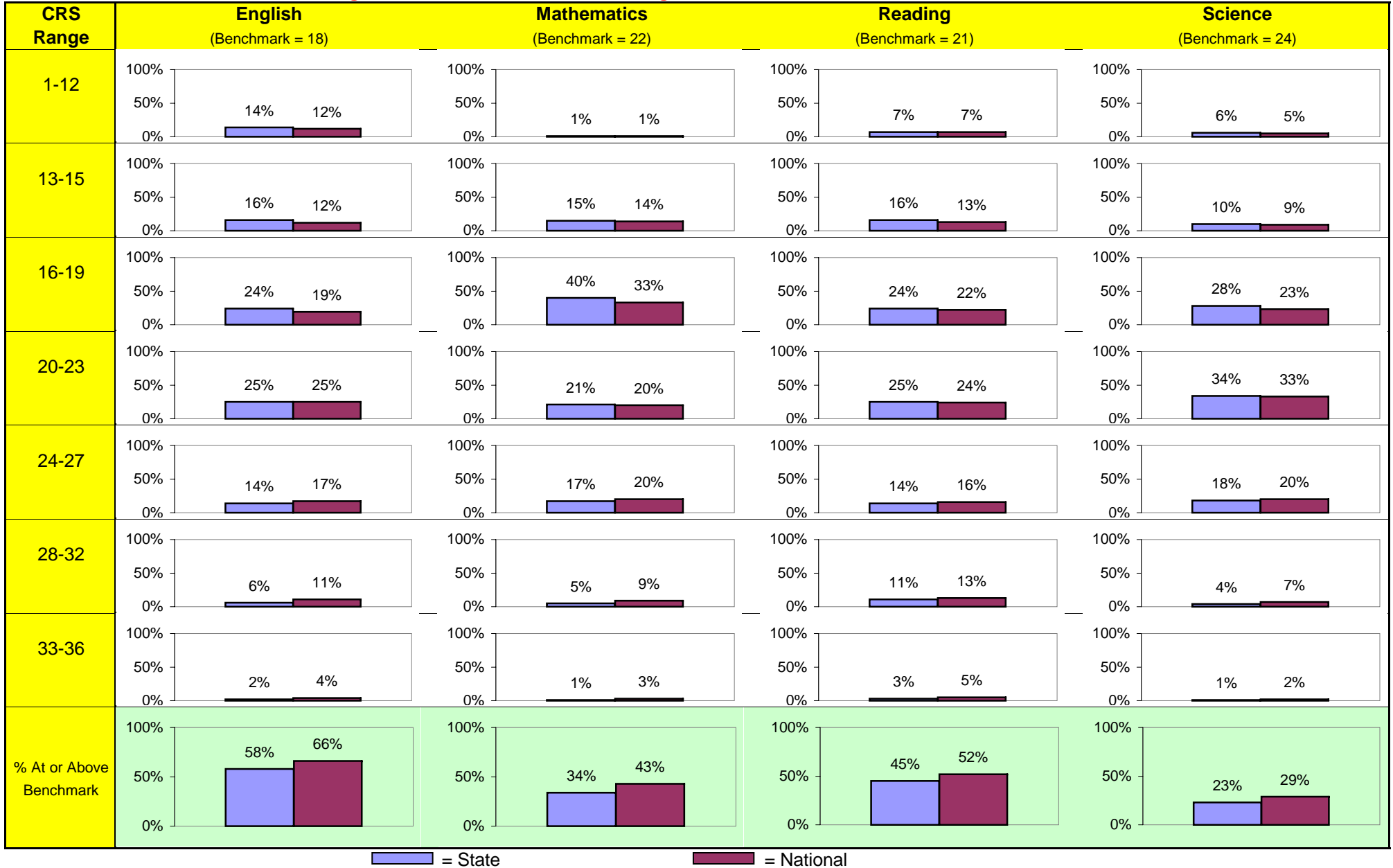
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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	3,871	100	21.6	4,115	100	21.5	4,361	100	21.1	5,530	100	20.0	5,533	100	20.0
African American/Black	24	1	18.2	32	1	19.1	37	1	17.8	43	1	17.0	43	1	16.8
American Indian/Alaska Native	53	1	19.2	56	1	17.2	63	1	18.2	176	3	16.4	135	2	17.0
Caucasian American/White	3,174	82	21.8	3,223	78	21.7	3,649	84	21.3	4,085	74	20.5	4,381	79	20.4
Hispanic	165	4	19.3	155	4	19.4	191	4	18.9	364	7	17.9	384	7	18.0
Asian American/Pacific Islander	40	1	22.6	40	1	22.2	58	1	20.9	59	1	20.0	52	1	21.1
Other/No Response	415	11	21.4	609	15	21.3	363	8	20.9	803	15	19.0	538	10	19.0

Total Students in Report: 5,533

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



Section II

Academic Achievement

Total Students in Report: 5,533

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	4	100	3	100	24	100	2	100	0	100	36
35	22	100	11	100	21	100	10	100	0	100	35
34	34	100	19	100	54	99	8	100	11	100	34
33	25	99	23	99	84	98	20	100	18	100	33
32	45	98	25	99	73	97	19	99	32	99	32
31	39	98	32	99	109	95	33	99	46	99	31
30	57	97	58	98	145	93	57	98	74	98	30
29	82	96	68	97	141	91	46	97	76	97	29
28	106	94	118	96	131	88	84	96	109	95	28
27	130	93	143	94	155	86	140	95	148	93	27
26	192	90	197	91	186	83	190	92	214	91	26
25	185	87	258	87	189	80	319	89	285	87	25
24	263	83	315	83	237	76	331	83	221	82	24
23	265	79	305	77	338	72	381	77	338	78	23
22	313	74	307	72	330	66	414	70	379	72	22
21	445	68	309	66	289	60	535	63	436	65	21
20	364	60	265	60	430	55	547	53	406	57	20
19	359	54	331	56	322	47	481	43	430	50	19
18	286	47	533	50	256	41	360	35	437	42	18
17	310	42	541	40	422	36	392	28	445	34	17
16	359	36	800	30	328	29	295	21	411	26	16
15	316	30	562	16	366	23	213	16	355	18	15
14	364	24	227	6	239	16	176	12	303	12	14
13	220	17	51	2	265	12	170	9	217	6	13
12	196	14	15	1	205	7	108	6	100	3	12
11	199	10	14	1	113	4	123	4	28	1	11
10	140	6	1	1	52	1	48	1	10	1	10
9	101	4	0	1	14	1	13	1	2	1	9
8	79	2	0	1	8	1	12	1	1	1	8
7	21	1	0	1	1	1	4	1	1	1	7
6	7	1	2	1	2	1	1	1	0	1	6
5	3	1	0	1	4	1	1	1	0	1	5
4	1	1	0	1	0	1	0	1	0	1	4
3	1	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)	19.0 (5.7)		19.8 (4.5)		20.4 (5.9)		20.1 (4.6)		20.0 (4.7)		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: 5,533

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	76	100	26	100	89	100	101	100	98	100	19	100	25	100	18
17	95	99	21	100	151	98	258	98	145	98	34	100	10	100	17
16	137	97	152	99	248	96	311	94	182	96	75	99	72	99	16
15	200	94	227	96	282	91	377	88	225	92	91	98	188	98	15
14	244	91	285	92	255	86	223	81	296	88	310	96	442	95	14
13	280	86	385	87	412	81	367	77	347	83	345	90	450	87	13
12	303	81	620	80	408	74	459	70	413	77	515	84	464	79	12
11	521	76	623	69	522	67	541	62	661	69	864	75	872	70	11
10	596	66	733	58	694	57	517	52	514	57	772	59	707	54	10
9	646	56	622	44	579	45	470	43	444	48	853	45	1,067	42	9
8	543	44	545	33	763	34	680	35	836	40	668	30	559	22	8
7	559	34	467	23	489	20	338	22	836	25	471	18	311	12	7
6	457	24	333	15	281	12	336	16	395	10	271	9	69	7	6
5	391	16	250	9	179	7	249	10	105	3	44	4	176	5	5
4	289	9	184	4	111	3	222	6	33	1	109	4	29	2	4
3	146	4	48	1	45	1	57	2	0	1	68	2	67	2	3
2	46	1	11	1	17	1	26	1	2	1	5	1	10	1	2
1	4	1	1	1	8	1	1	1	1	1	19	1	15	1	1
Avg (SD)	9.2 (3.6)		9.9 (3.1)		10.3 (3.4)		10.4 (3.8)		10.1 (3.2)		9.9 (2.7)		10.3 (2.7)		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)	23	23	24	23	23
Q2 (50th Percentile)	19	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	16

Total Students in Report: 5,533

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	5,533	55	21.5	18.2
	African American/Black	43	28	19.3	15.6
	American Indian/Alaska Native	135	44	18.8	15.6
	Caucasian American/White	4,381	57	21.8	18.5
	Hispanic	384	47	19.3	17.0
	Asian American/Pacific Islander	52	58	22.8	18.2
	Other/No Response	538	47	20.9	17.5
National	All Students	1,568,835	71	22.0	18.9
	African American/Black	214,836	65	17.5	15.8
	American Indian/Alaska Native	16,382	60	20.2	17.4
	Caucasian American/White	979,329	74	23.1	20.0
	Hispanic	157,579	68	19.4	17.0
	Asian American/Pacific Islander	65,362	81	23.9	21.5
	Other/No Response	135,347	65	21.8	18.7

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	19.0	19.8	20.4	20.1	20.0
	African American/Black	15.3	16.9	17.1	17.5	16.8
	American Indian/Alaska Native	14.8	17.5	17.2	17.9	17.0
	Caucasian American/White	19.5	20.2	20.9	20.5	20.4
	Hispanic	16.6	18.3	18.2	18.4	18.0
	Asian American/Pacific Islander	20.2	21.3	21.5	20.7	21.1
	Other/No Response	17.9	19.0	19.5	19.0	19.0
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: 5,533

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	85	2	56	1	183	3	40	1
	28 to 32	329	6	301	5	599	11	239	4
	24 to 27	770	14	913	17	767	14	980	18
	20 to 23	1,387	25	1,186	21	1,387	25	1,877	34
	16 to 19	1,314	24	2,205	40	1,328	24	1,528	28
	13 to 15	900	16	840	15	870	16	559	10
	01 to 12	748	14	32	1	399	7	310	6
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	2,727	49	18.5	20.3	20.1	20.4	20.0
	Females	2,750	50	19.5	19.4	20.8	19.8	20.0
	Missing	56	1	17.2	18.7	18.1	18.2	18.3
National	Males	713,544	45	20.1	21.6	21.1	21.4	21.2
	Females	852,493	54	20.8	20.5	21.4	20.5	20.9
	Missing	2,798	0	16.2	17.9	17.7	17.9	17.5

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	54	38	43	26	20
	Females	62	30	48	20	15
National	Males	64	48	51	34	28
	Females	69	40	53	25	21

Total Students in Report: 5,533

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	3,026	72	20.8	47	21.3	57	22.0	32	21.6	25	21.5
	Less than Core	2,304	42	16.9	19	18.1	32	18.6	12	18.5	8	18.2
	Missing ³	203	35	15.9	14	17.4	23	17.4	11	17.4	6	17.1
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	4,861	61	19.4	4,607	39	20.5	4,274	50	21.0	4,001	29	21.0
	Less than Core	541	31	15.5	754	5	16.2	1,113	31	18.5	1,368	7	17.8
	Missing ³	131	44	16.7	172	15	17.5	146	29	18.2	164	14	18.0
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.

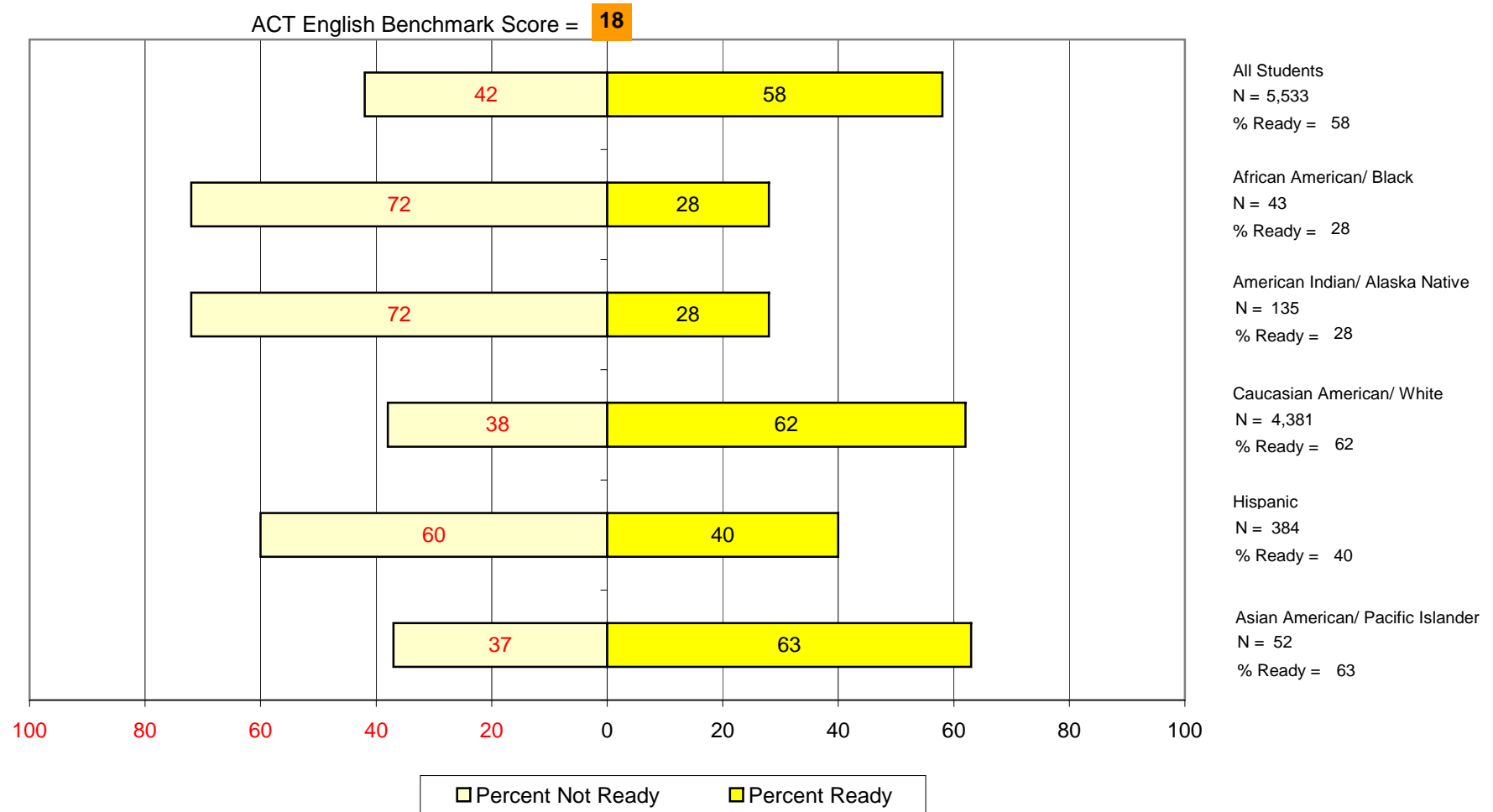
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

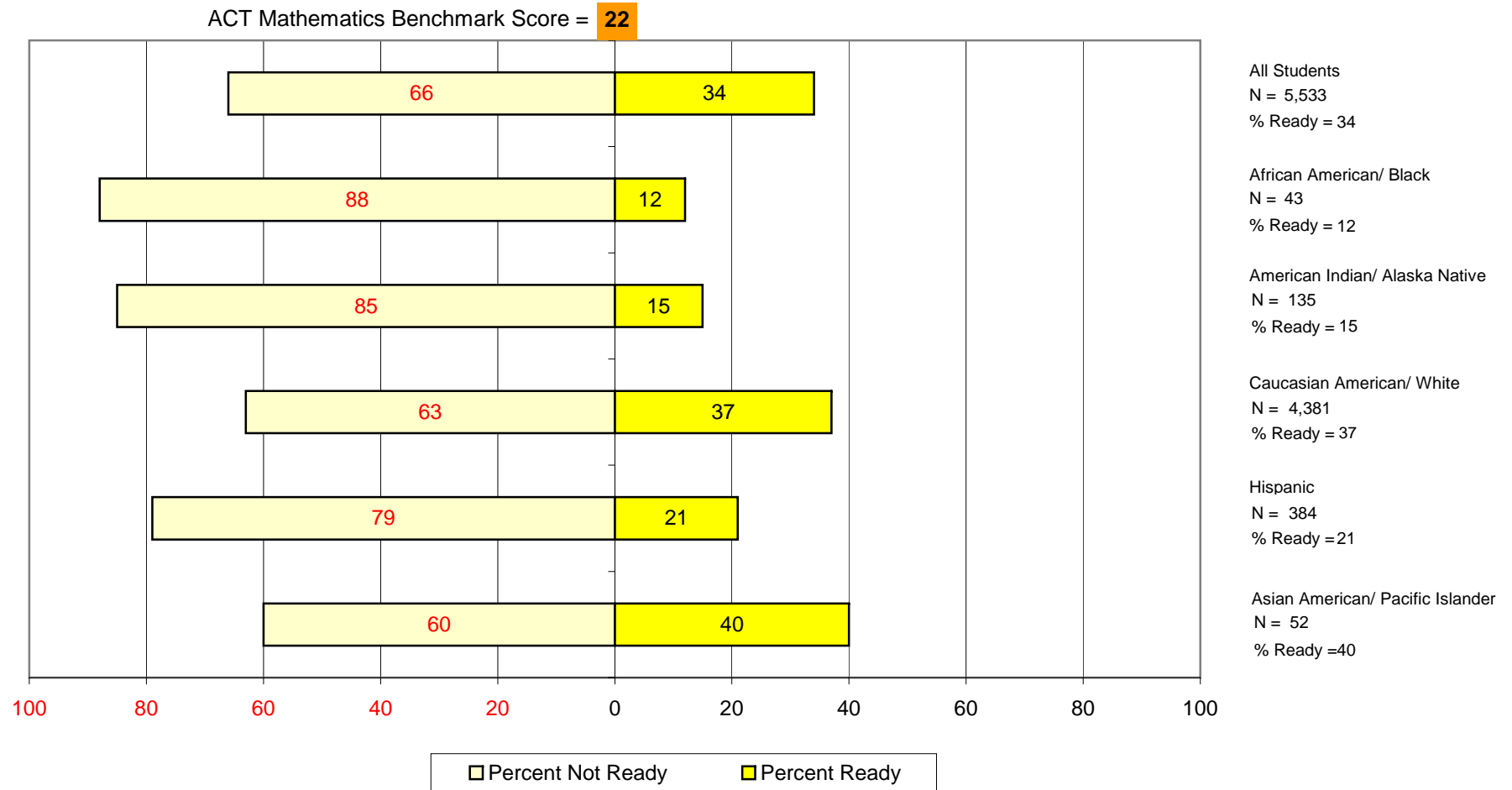
Total Students in Report: 5,533

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



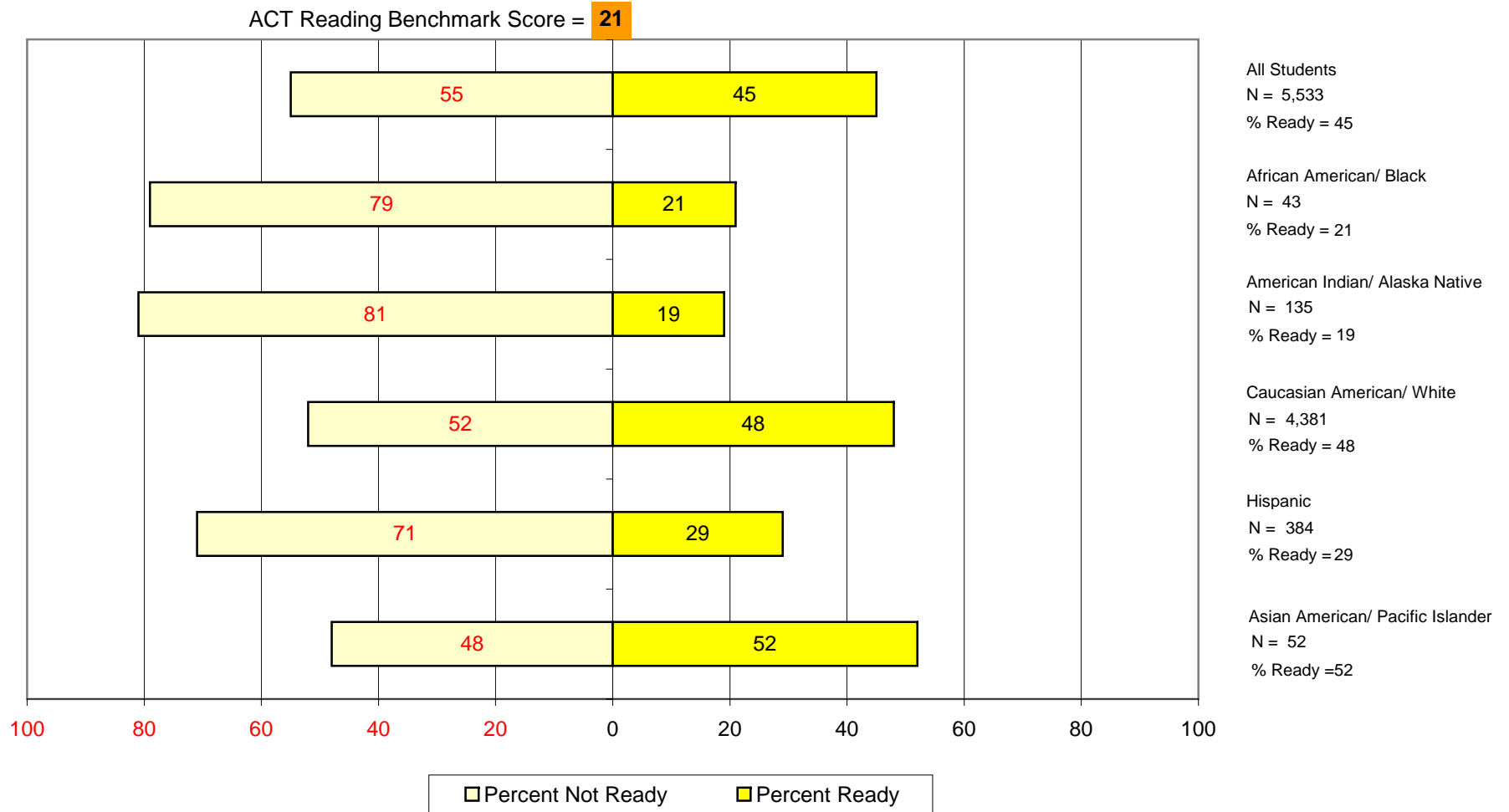
Total Students in Report: 5,533

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



Total Students in Report: 5,533

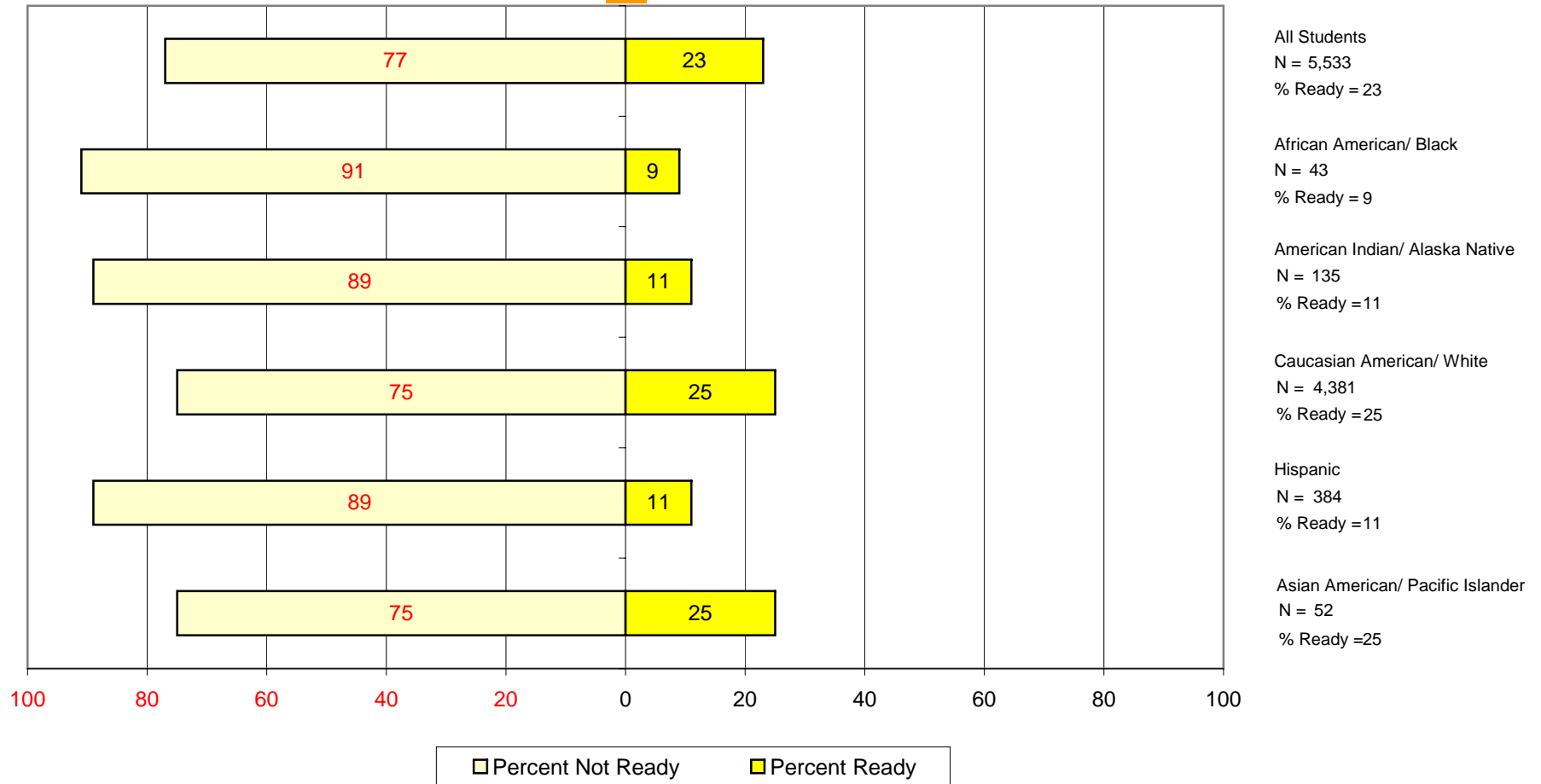
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 5,533

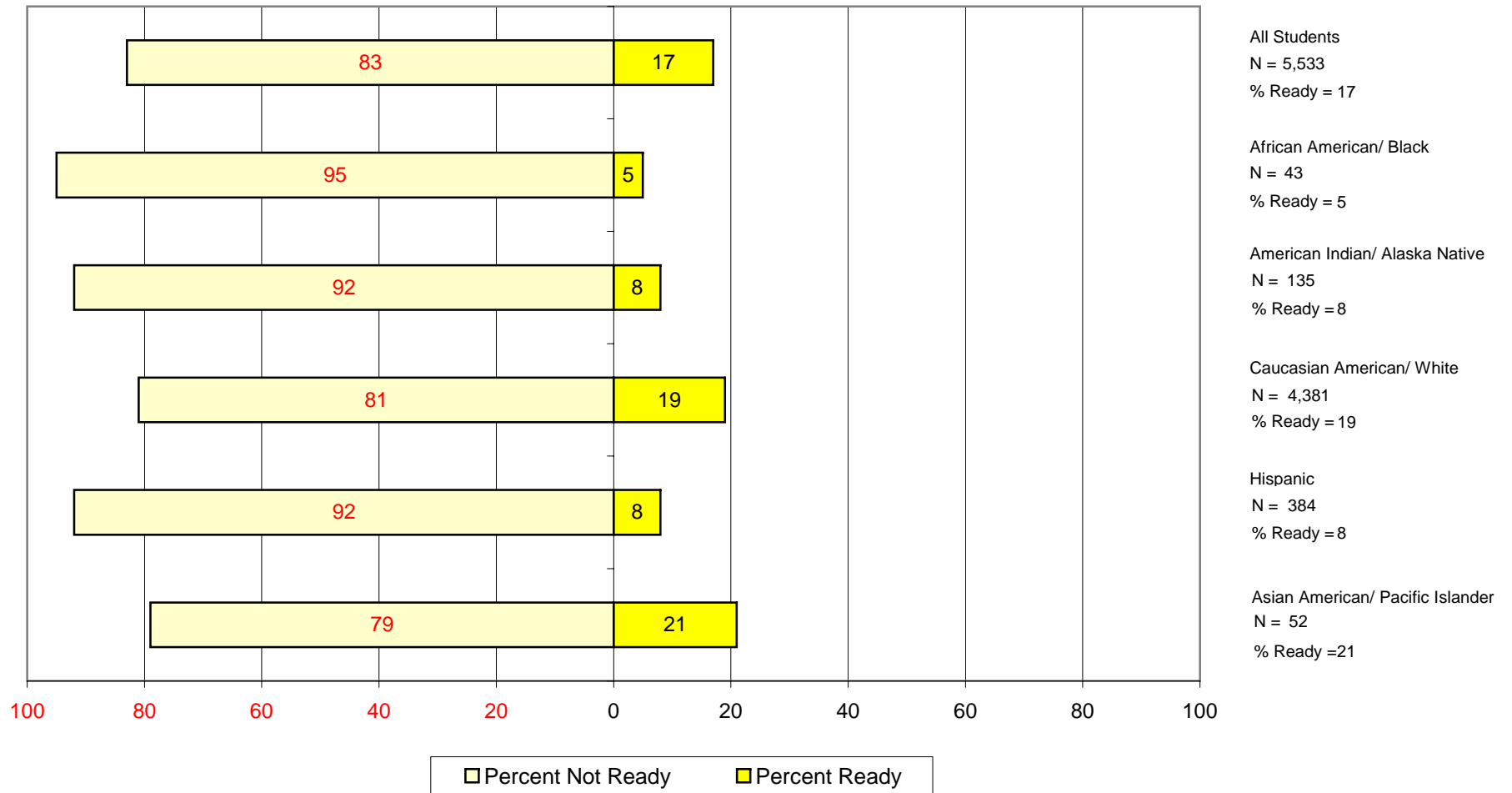
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 5,533

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



Total Students in Report: 5,533

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	1,063	19	20.8	5.3	448	16	20.1	5.0	610	22	21.3	5.3
Eng 9, Eng 10, Eng 11, Eng 12	3,798	69	19.1	3.6	1,895	69	18.7	3.6	1,861	68	19.4	3.4
Less than 4 years of English	541	10	15.5	-	313	11	15.1	-	220	8	16.0	-
Zero years / no English courses reported	131	2	16.7	-	71	3	16.3	-	59	2	17.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	346	6	23.5	7.3	173	6	24.6	8.2	171	6	22.4	6.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	438	8	22.0	5.8	182	7	22.3	5.9	253	9	21.7	5.7
Alg 1, Alg 2, Geom, & Trig	432	8	20.3	4.1	199	7	20.7	4.3	227	8	20.0	4.0
Alg 1, Alg 2, Geom, & Other Adv Math	612	11	19.6	3.4	278	10	20.2	3.8	328	12	19.2	3.2
Other comb of 4 or more years of Math	1,176	21	23.2	7.0	610	22	24.0	7.6	557	20	22.3	6.3
Alg 1, Alg 2, & Geom	1,371	25	17.7	1.5	682	25	18.0	1.6	675	25	17.3	1.3
Other comb of 3 or 3.5 years of Math	232	4	19.5	3.3	113	4	20.0	3.6	117	4	19.0	3.0
Less than 3 years of Math	754	14	16.2	-	390	14	16.4	-	351	13	16.0	-
Zero years / no Math courses reported	172	3	17.5	-	100	4	17.6	-	71	3	17.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	207	4	21.3	2.8	101	4	20.2	1.9	101	4	22.6	4.0
Other comb of 4 or more years Social Science	1,797	32	21.6	3.1	766	28	21.6	3.3	1,021	37	21.7	3.1
US Hist, World Hist, & Am Gov	663	12	19.9	1.4	361	13	19.7	1.4	296	11	20.2	1.6
Other comb of 3 or 3.5 years of Social Science	1,607	29	20.8	2.3	786	29	20.5	2.2	802	29	21.0	2.4
Less than 3 years of Social Science	1,113	20	18.5	-	632	23	18.3	-	466	17	18.6	-
Zero years / no Social Science courses reported	146	3	18.2	-	81	3	17.8	-	64	2	18.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,602	29	21.7	3.9	818	30	22.4	4.6	770	28	21.1	3.3
Bio, Chem, Phys	136	2	23.9	6.1	72	3	24.5	6.7	64	2	23.2	5.4
Gen Sci ² , Bio, Chem	1,842	33	20.4	2.6	803	29	20.6	2.8	1,017	37	20.3	2.5
Other comb of 3 years of Natural Science	421	8	19.8	2.0	255	9	20.2	2.4	161	6	19.2	1.4
Less than 3 years of Natural Science	1,368	25	17.8	-	686	25	17.8	-	668	24	17.8	-
Zero years / no Natural Science courses reported	164	3	18.0	-	93	3	18.3	-	70	3	17.7	-

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: 5,533

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	1,063	19	20.8	71	355,112	23	21.9	75
Eng 9, Eng 10, Eng 11, Eng 12	3,798	69	19.1	59	1,096,437	70	20.5	66
Less than 4 years of English	541	10	15.5	31	74,180	5	16.4	39
Zero years / no English courses reported	131	2	16.7	44	43,106	3	15.7	34
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	346	6	23.5	68	98,076	6	24.4	72
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	438	8	22.0	57	141,740	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	432	8	20.3	38	112,685	7	19.9	35
Alg 1, Alg 2, Geom, & Other Adv Math	612	11	19.6	29	239,289	15	20.0	36
Other comb of 4 or more years of Math	1,176	21	23.2	64	498,709	32	23.9	67
Alg 1, Alg 2, & Geom	1,371	25	17.7	12	258,287	16	17.4	12
Other comb of 3 or 3.5 years of Math	232	4	19.5	30	74,720	5	19.9	35
Less than 3 years of Math	754	14	16.2	5	97,949	6	16.4	7
Zero years / no Math courses reported	172	3	17.5	15	47,380	3	17.5	16
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	207	4	21.3	49	47,523	3	22.6	60
Other comb of 4 or more years Social Science	1,797	32	21.6	55	793,514	51	21.9	57
US Hist, World Hist, & Am Gov	663	12	19.9	42	86,044	5	20.4	45
Other comb of 3 or 3.5 years of Social Science	1,607	29	20.8	47	439,520	28	21.2	51
Less than 3 years of Social Science	1,113	20	18.5	31	156,679	10	19.5	39
Zero years / no Social Science courses reported	146	3	18.2	29	45,555	3	17.3	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	1,602	29	21.7	35	620,765	40	22.2	40
Bio, Chem, Phys	136	2	23.9	53	152,001	10	23.2	48
Gen Sci ¹ , Bio, Chem	1,842	33	20.4	23	474,375	30	20.1	21
Other comb of 3 years of Natural Science	421	8	19.8	22	43,231	3	19.7	21
Less than 3 years of Natural Science	1,368	25	17.8	7	231,566	15	18.3	12
Zero years / no Natural Science courses reported	164	3	18.0	14	46,897	3	17.4	10

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 5,533

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	156	3	18.3	46	6	16.4	99	3	19.3
Architecture & Environmental Design	79	1	20.9	4	1	15.8	70	2	21.4
Business & Management	289	5	20.2	41	5	17.6	232	6	20.7
Business & Office	28	1	17.9	9	1	16.8	17	0	18.9
Marketing & Distribution	24	0	19.9	4	1	18.3	17	0	21.0
Communications & Comm. Technologies	83	2	20.7	9	1	16.2	69	2	21.4
Community & Personal Services	209	4	17.9	66	8	16.8	128	3	18.6
Computer & Information Sciences	80	1	20.6	8	1	18.0	69	2	21.0
Cross-Disciplinary Studies	6	0	21.8	0	0	.	5	0	23.6
Education	221	4	20.0	13	2	19.0	194	5	20.1
Teacher Education	206	4	20.0	12	2	17.3	183	5	20.3
Engineering	290	5	21.4	48	6	16.0	224	6	22.9
Engineering-Related Technologies	147	3	21.0	33	4	17.4	109	3	22.2
Foreign Languages	27	0	22.5	1	0	24.0	22	1	23.0
Health Sciences & Allied Health Fields	867	16	20.5	93	12	17.1	735	20	21.0
Human, Family & Consumer Science	128	2	18.8	31	4	17.0	85	2	19.8
Letters	46	1	23.8	5	1	18.2	40	1	24.7
Mathematics	20	0	21.7	0	0	.	17	0	21.1
Philosophy, Religion & Theology	20	0	21.9	2	0	17.5	17	0	22.5
Sciences (Biological & Physical)	216	4	21.7	12	2	16.4	193	5	22.2
Social Sciences	326	6	21.5	10	1	16.8	300	8	21.7
Trade & Industrial	215	4	17.2	146	18	17.1	60	2	17.1
Visual & Performing Arts	428	8	20.4	80	10	17.4	313	8	21.5
Undecided	621	11	20.5	84	11	17.3	464	13	21.3
No Response	801	14	18.1	36	5	15.6	47	1	16.5

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: 5,533

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	229	16.8	3	14.7	5	13.8	174	16.9	15	15.9	0	.	32	17.7
2-yr College Degree	564	17.1	3	18.0	18	14.8	427	17.4	47	15.7	3	16.0	66	17.0
Bachelors Degree	1,904	20.0	10	17.0	41	17.7	1,585	20.3	125	18.4	15	20.5	128	18.8
Graduate Study	602	22.4	4	18.0	12	19.1	490	22.8	35	20.7	9	18.1	52	21.2
Prof. Level Degree	1,203	22.0	9	19.4	25	18.6	963	22.4	69	19.6	15	24.3	122	20.6
Other	240	17.3	4	15.0	6	19.2	176	17.2	20	15.8	1	25.0	33	18.8
No Response	791	18.6	10	14.9	28	15.1	566	19.2	73	17.1	9	20.7	105	17.9

Total Students in Report: 5,533

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 WYOMING	Wyoming	2,033	958	1,075	1	9	27	33	22	8	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	918	918	0	4	25	36	21	9	3	1
CASPER COLLEGE	Wyoming	741	318	423	3	19	40	28	9	2	0
LARAMIE COUNTY COMMUNITY COLLEGE	Wyoming	506	191	315	2	17	40	29	11	2	0
SHERIDAN COLLEGE	Wyoming	386	169	217	3	17	37	29	11	2	0
WESTERN WYOMING COMMUNITY COLLEGE	Wyoming	346	150	196	2	22	34	28	12	1	0
NORTHWEST COLLEGE	Wyoming	337	125	212	2	11	38	32	14	3	0
CENTRAL WYOMING COLLEGE	Wyoming	282	120	162	4	20	39	23	12	3	0
COLORADO STATE UNIVERSITY	Colorado	246	51	195	1	7	25	33	25	9	1
BLACK HILLS STATE UNIVERSITY	South Dakota	209	51	158	1	11	33	32	20	3	0
EASTERN WYOMING COLLEGE	Wyoming	174	61	113	2	22	38	29	7	2	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	156	41	115	0	7	24	30	30	8	1
UNIVERSITY OF UTAH	Utah	137	33	104	1	11	25	27	26	9	1
UTAH STATE UNIVERSITY	Utah	130	41	89	1	4	20	35	31	10	0
MONTANA STATE UNIVERSITY-BILLINGS	Montana	124	27	97	1	12	35	40	10	2	0
BRIGHAM YOUNG UNIVERSITY	Utah	120	43	77	1	6	13	31	28	15	6
STATE-NO COLLEGE PLANS	Iowa	117	117	0	15	38	35	7	5	1	0
CHADRON STATE COLLEGE	Nebraska	109	27	82	1	6	32	39	16	6	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	96	29	67	1	4	18	40	26	10	1
NCAA ELIGIBILITY CENTER	Indiana	90	40	50	0	16	17	31	29	8	0
MESA STATE COLLEGE	Colorado	78	17	61	1	8	24	37	19	10	0
UNIVERSITY OF MONTANA	Montana	78	20	58	1	17	21	26	23	13	0
UNIV OF COLORADO-BOULDER	Colorado	77	17	60	0	4	22	23	35	14	1
UNIVERSITY OF WASHINGTON	Washington	72	15	57	1	10	13	28	31	17	1
WEBER STATE UNIVERSITY	Utah	65	11	54	2	18	28	43	6	3	0
MICHIGAN STATE UNIVERSITY	Michigan	62	26	36	0	3	3	34	27	29	3
UNIVERSITY OF ARIZONA	Arizona	62	10	52	3	18	37	24	13	5	0
ARIZONA STATE UNIVERSITY	Arizona	59	17	42	2	17	25	29	15	12	0
BOISE STATE UNIVERSITY	Idaho	59	13	46	0	15	27	25	24	8	0
ART INSTITUTE OF COLORADO THE	Colorado	52	15	37	4	15	35	35	8	4	0
All Other Institutions		3,895	945	2,950	2	15	28	27	16	10	1
Total		11,816	4,616	7,200	2	15	30	29	16	7	1

Section V

Optional Writing Test Results

Total Students in Report: 5,533

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	604	869,014	23.5	21.4	7.4	7.1	22.6	20.8
African American/Black	8	107,638	17.6	16.4	5.5	6.4	16.4	16.4
American Indian/Alaska Native	12	6,232	20.4	18.9	7.3	6.6	20.0	18.4
Caucasian American/White	509	518,004	23.6	23.0	7.4	7.3	22.6	22.1
Hispanic	23	101,126	22.6	18.1	7.1	6.9	21.5	18.1
Asian American/Pacific Islander	6	49,922	30.2	23.6	8.3	7.7	28.5	22.9
Other/No Response	46	86,092	24.4	21.0	7.7	7.1	23.5	20.4
Males	267	384,152	23.1	21.1	7.2	6.9	22.0	20.3
Females	337	484,023	23.9	21.7	7.6	7.3	23.0	21.2
Missing	0	839	.	16.8	.	6.3	.	16.6

