

ACT Profile Report - State

Graduating Class 2009
Wyoming



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This report provides information about the performance of your 2009 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2009 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

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: 5,530 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. 54% 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 16% of the cohort took less than three years of math courses. Of these students, 6% were college ready. 22% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 10% of these students were college ready. In comparison, 49% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 23% of the cohort took less than three years of natural science courses. 8% of these students were college ready. In comparison, 27% 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.

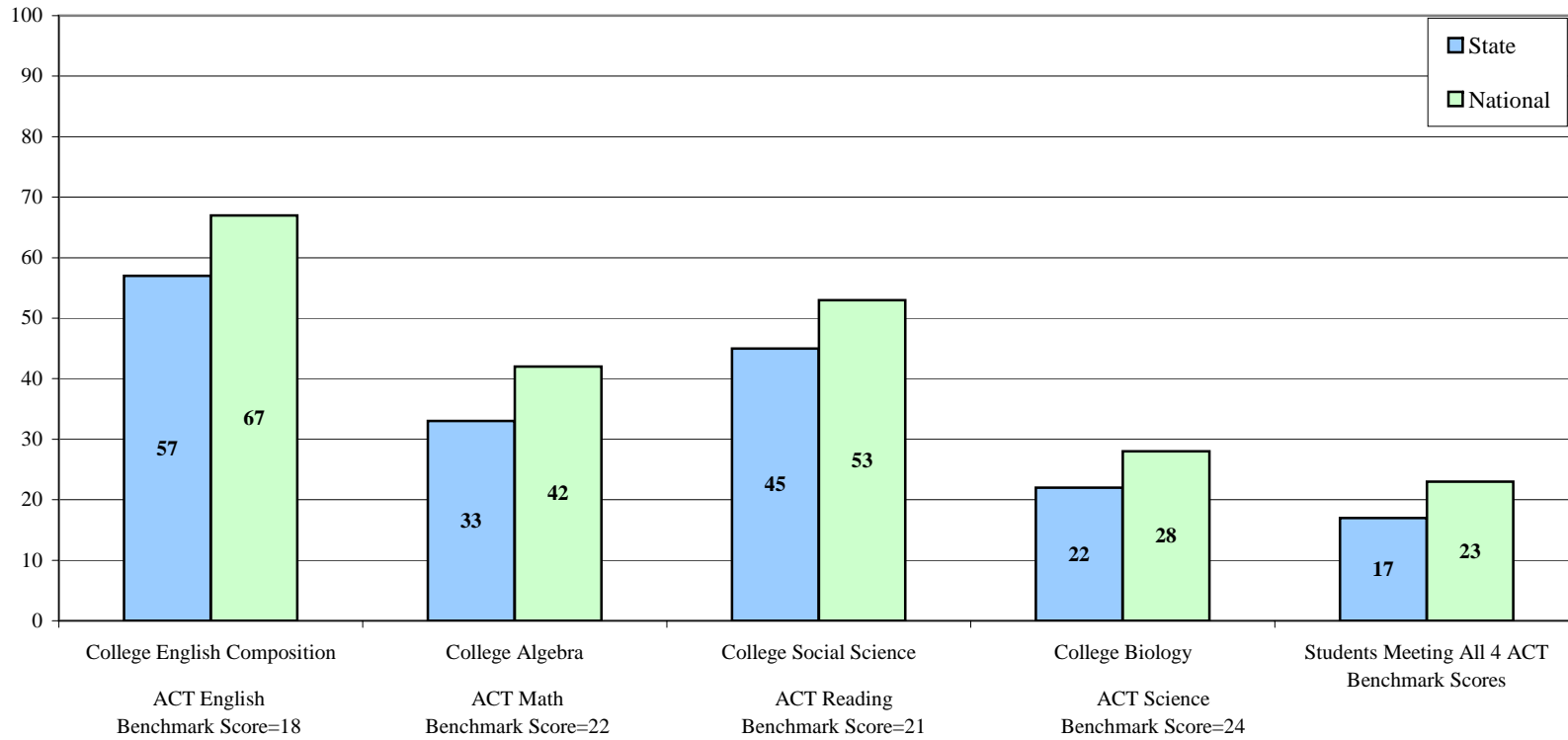
For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

Section I

Executive Summary

Total Students in Report: 5,530

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: 5,530

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

Year	Number of Students Tested		Percent Meeting Benchmarks									
			English		Mathematics		Reading		Science		Meeting All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	3,857	1,186,251	71	68	43	41	58	51	28	26	21	21
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

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2005	3,857	1,186,251	20.6	20.4	21.0	20.7	22.0	21.3	21.4	20.9	21.4	20.9
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1

Total Students in Report: 5,530

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	2,149	1,496	56	39	21.7	19.3	22.1	19.5	22.9	20.8	22.2	20.3	22.3	20.1
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

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

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

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

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	3,857	100	21.4	3,871	100	21.6	4,115	100	21.5	4,361	100	21.1	5,530	100	20.0
African American/Black	20	1	18.2	24	1	18.2	32	1	19.1	37	1	17.8	43	1	17.0
American Indian/Alaska Native	37	1	18.9	53	1	19.2	56	1	17.2	63	1	18.2	176	3	16.4
Caucasian American/White	3,252	84	21.5	3,174	82	21.8	3,223	78	21.7	3,649	84	21.3	4,085	74	20.5
Hispanic	143	4	19.8	165	4	19.3	155	4	19.4	191	4	18.9	364	7	17.9
Asian American/Pacific Islander	35	1	20.9	40	1	22.6	40	1	22.2	58	1	20.9	59	1	20.0
Other/No Response	370	10	21.2	415	11	21.4	609	15	21.3	363	8	20.9	803	15	19.0

Section II

Academic Achievement

Total Students in Report: 5,530

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	7	100	22	100	6	100	1	100	36
35	23	100	9	100	11	100	10	100	2	100	35
34	34	99	18	100	56	99	12	100	18	100	34
33	35	99	25	99	64	98	22	99	12	100	33
32	30	98	23	99	75	97	14	99	24	99	32
31	58	98	40	99	107	96	26	99	50	99	31
30	76	97	46	98	130	94	49	98	53	98	30
29	69	95	81	97	131	92	51	97	91	97	29
28	115	94	128	95	162	89	89	97	110	95	28
27	100	92	124	93	134	86	110	95	151	93	27
26	153	90	206	91	178	84	222	93	190	91	26
25	206	87	229	87	208	81	310	89	267	87	25
24	239	84	305	83	230	77	305	83	270	82	24
23	289	79	264	78	392	73	377	78	299	78	23
22	296	74	295	73	261	66	365	71	394	72	22
21	379	69	316	67	354	61	565	64	407	65	21
20	391	62	313	62	443	55	584	54	422	58	20
19	375	55	441	56	367	47	526	44	467	50	19
18	306	48	488	48	286	40	551	34	430	42	18
17	275	43	584	39	281	35	278	24	469	34	17
16	437	38	718	29	438	30	265	19	431	25	16
15	310	30	571	16	231	22	205	14	348	18	15
14	323	24	216	5	350	18	194	11	285	11	14
13	214	18	40	2	194	11	83	7	181	6	13
12	245	14	36	1	222	8	135	6	111	3	12
11	181	10	3	1	118	4	110	3	40	1	11
10	146	7	2	1	43	2	36	1	5	1	10
9	84	4	2	1	18	1	18	1	1	1	9
8	86	2	0	1	13	1	6	1	1	1	8
7	28	1	0	1	4	1	2	1	0	1	7
6	14	1	0	1	4	1	3	1	0	1	6
5	5	1	0	1	3	1	1	1	0	1	5
4	2	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	1	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	18.9 (5.8)		19.8 (4.5)		20.4 (5.8)		20.2 (4.5)		20.0 (4.6)		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: 5,530

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	94	100	31	100	60	100	131	100	71	100	21	100	21	100	18
17	74	98	45	99	153	99	155	98	160	99	21	100	12	100	17
16	158	97	141	99	247	96	288	95	174	96	67	99	113	99	16
15	168	94	223	96	279	92	378	90	204	93	111	98	164	97	15
14	200	91	309	92	241	87	409	83	275	89	309	96	364	94	14
13	285	87	378	86	401	82	357	75	442	84	327	90	506	88	13
12	308	82	543	80	593	75	493	69	390	76	400	85	442	79	12
11	497	77	666	70	420	64	320	60	591	69	817	77	742	71	11
10	643	68	630	58	638	57	536	54	452	58	884	63	849	57	10
9	557	56	758	46	787	45	664	45	700	50	832	47	956	42	9
8	523	46	539	33	614	31	473	33	750	37	680	31	559	25	8
7	567	37	492	23	427	20	374	24	801	24	461	19	405	15	7
6	495	26	363	14	310	12	325	17	372	9	322	11	74	7	6
5	414	17	230	7	194	7	406	11	85	3	55	5	199	6	5
4	352	10	130	3	100	3	161	4	45	1	150	4	24	2	4
3	120	4	45	1	45	1	40	1	15	1	63	1	83	2	3
2	65	1	6	1	13	1	15	1	3	1	1	1	3	1	2
1	10	1	1	1	8	1	5	1	0	1	9	1	14	1	1
Avg (SD)	9.1 (3.6)		9.9 (3.1)		10.3 (3.3)		10.4 (3.7)		10.1 (3.2)		9.7 (2.7)		10.2 (2.8)		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	19
Q1 (25th Percentile)	15	16	16	18	16

Total Students in Report: 5,530

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	5,530	54	21.4	18.3
	African American/Black	43	40	17.4	17.6
	American Indian/Alaska Native	176	39	17.7	15.6
	Caucasian American/White	4,085	58	21.8	18.8
	Hispanic	364	45	19.8	16.4
	Asian American/Pacific Islander	59	69	21.1	17.4
	Other/No Response	803	41	20.6	17.8
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	18.9	19.8	20.4	20.2	20.0
	African American/Black	15.4	17.0	18.1	17.2	17.0
	American Indian/Alaska Native	14.4	16.8	16.6	17.2	16.4
	Caucasian American/White	19.5	20.3	21.0	20.7	20.5
	Hispanic	16.3	18.2	18.1	18.4	17.9
	Asian American/Pacific Islander	18.9	20.7	19.9	20.0	20.0
	Other/No Response	17.9	19.1	19.3	19.4	19.0
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Total Students in Report: 5,530

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	97	2	59	1	153	3	50	1
	28 to 32	348	6	318	6	605	11	229	4
	24 to 27	698	13	864	16	750	14	947	17
	20 to 23	1,355	25	1,188	21	1,450	26	1,891	34
	16 to 19	1,393	25	2,231	40	1,372	25	1,620	29
	13 to 15	847	15	827	15	775	14	482	9
	01 to 12	792	14	43	1	425	8	311	6
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	2,729	49	18.3	20.3	19.9	20.5	19.9
	Females	2,753	50	19.5	19.4	20.8	19.9	20.1
	Missing	48	1	15.9	18.8	18.0	18.9	18.0
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

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

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	54	35	42	26	19
	Females	62	30	49	19	14
National	Males	65	47	52	33	27
	Females	69	38	53	24	20

Total Students in Report: 5,530

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ³	Avg
State	Core or More ²	2,990	71	20.6	45	21.2	57	21.9	30	21.4	24	21.4
	Less than Core	2,309	43	16.9	18	18.3	32	18.7	13	18.8	9	18.3
	Missing	231	34	15.7	12	17.2	26	17.3	7	17.5	4	17.1
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

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

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

³Composite CRB% results reflect students who meet all four subject-area benchmarks.

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	4,813	61	19.3	4,478	39	20.6	4,224	50	21.0	4,108	27	20.9
	Less than Core	563	35	16.0	859	6	16.6	1,133	30	18.5	1,224	8	18.1
	Missing	154	43	16.4	193	13	17.2	173	29	17.9	198	8	17.9
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

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

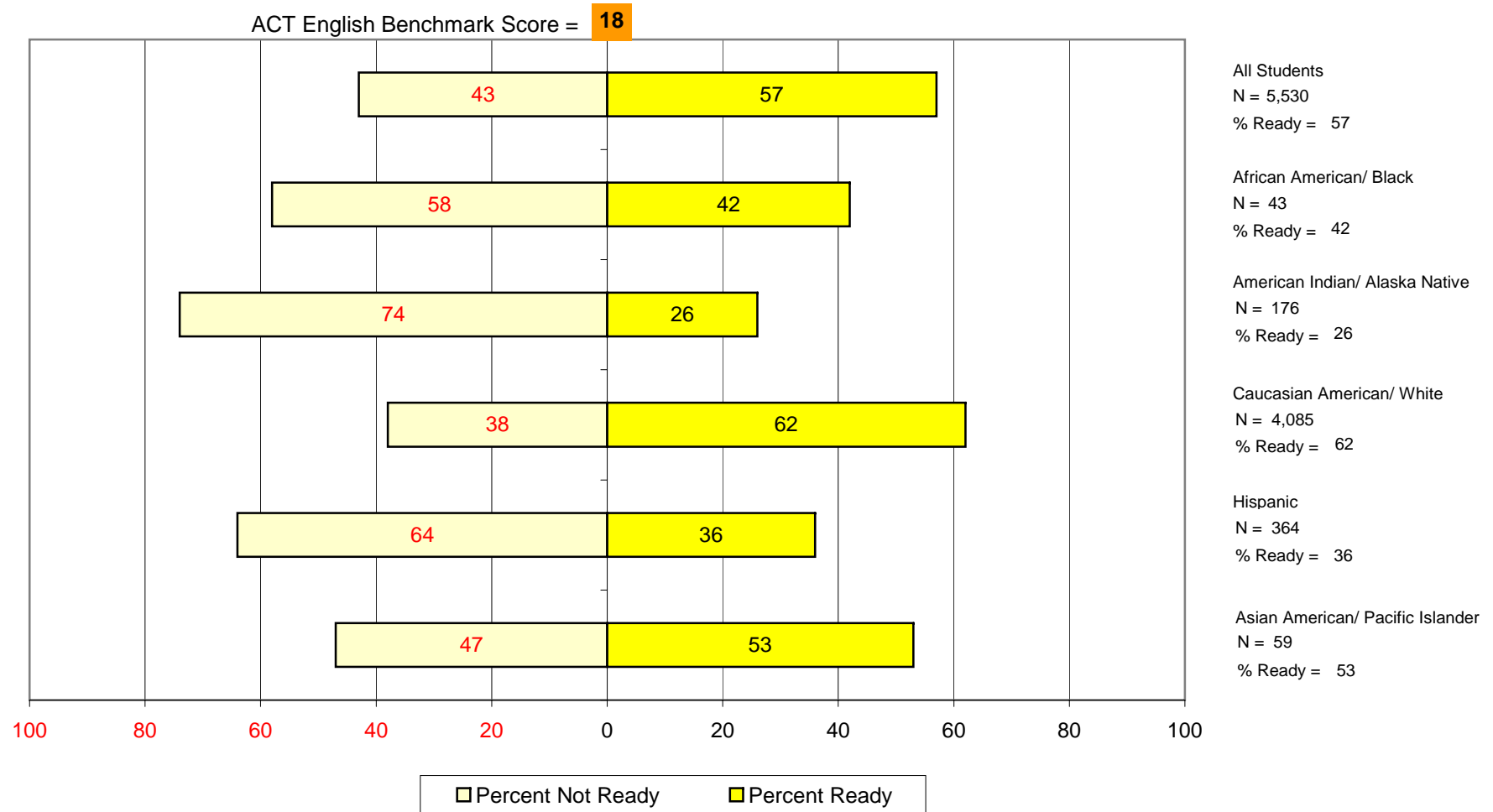
For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the Impact of Course Rigor

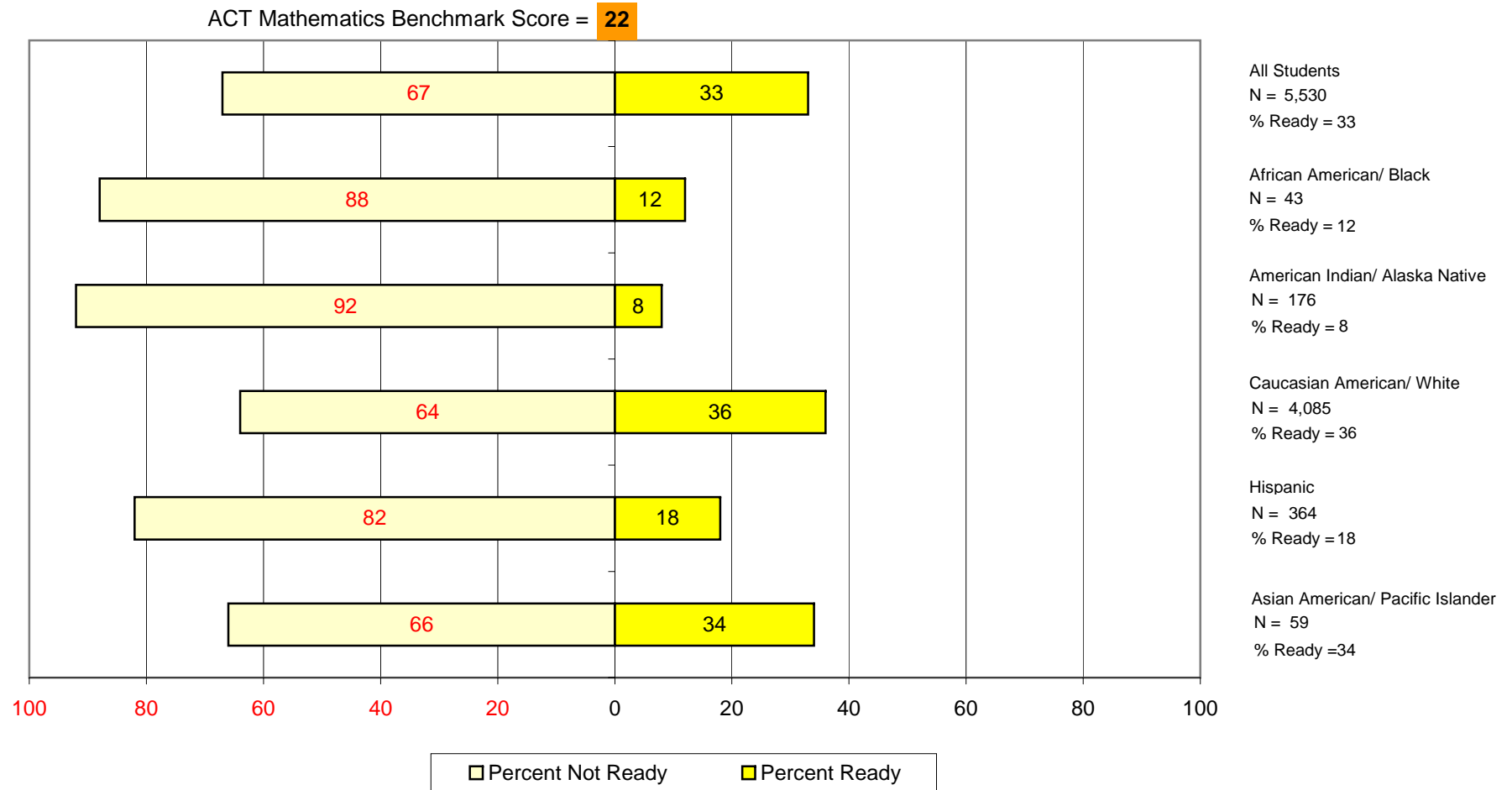
Total Students in Report: 5,530

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



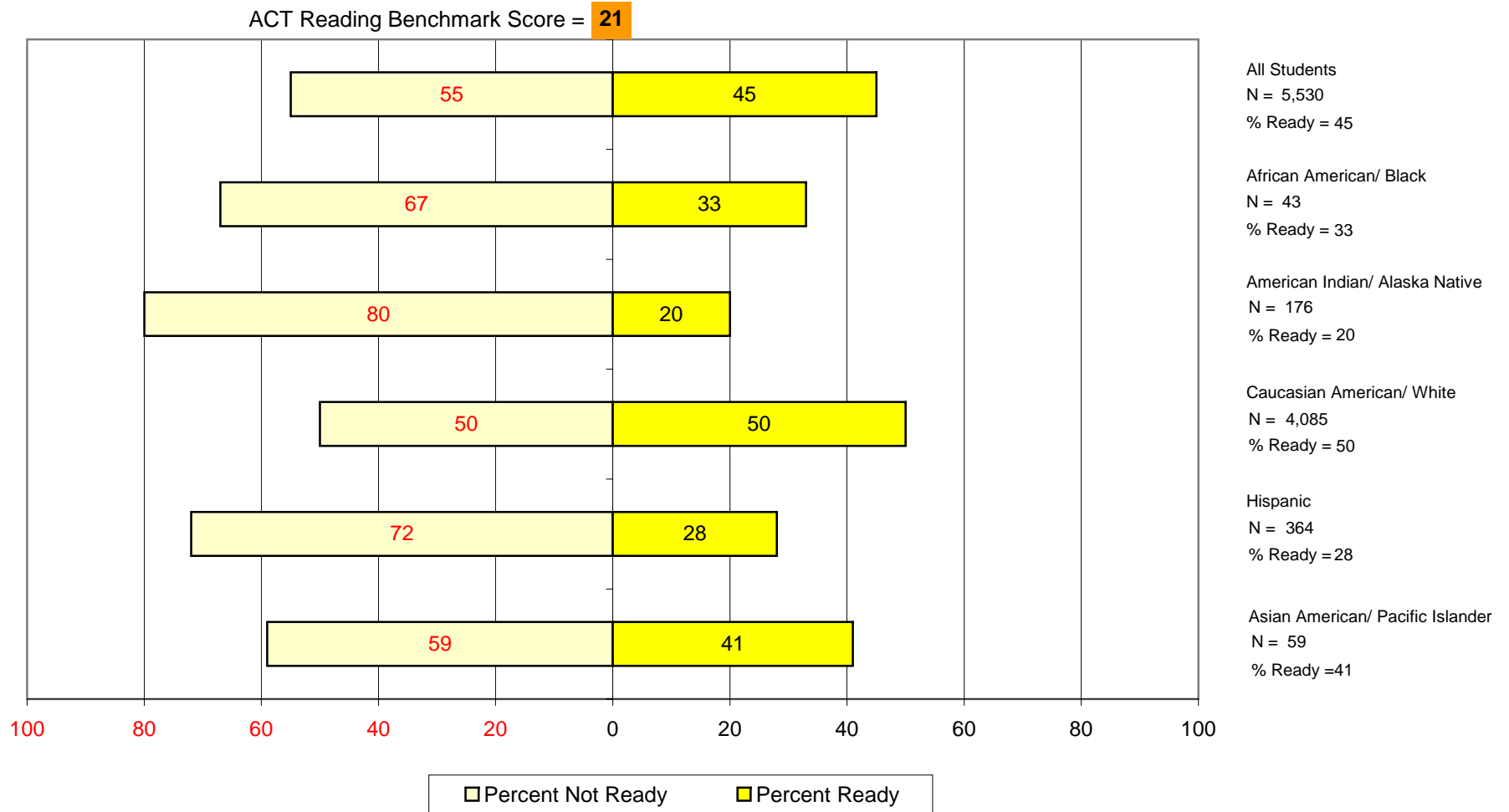
Total Students in Report: 5,530

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



Total Students in Report: 5,530

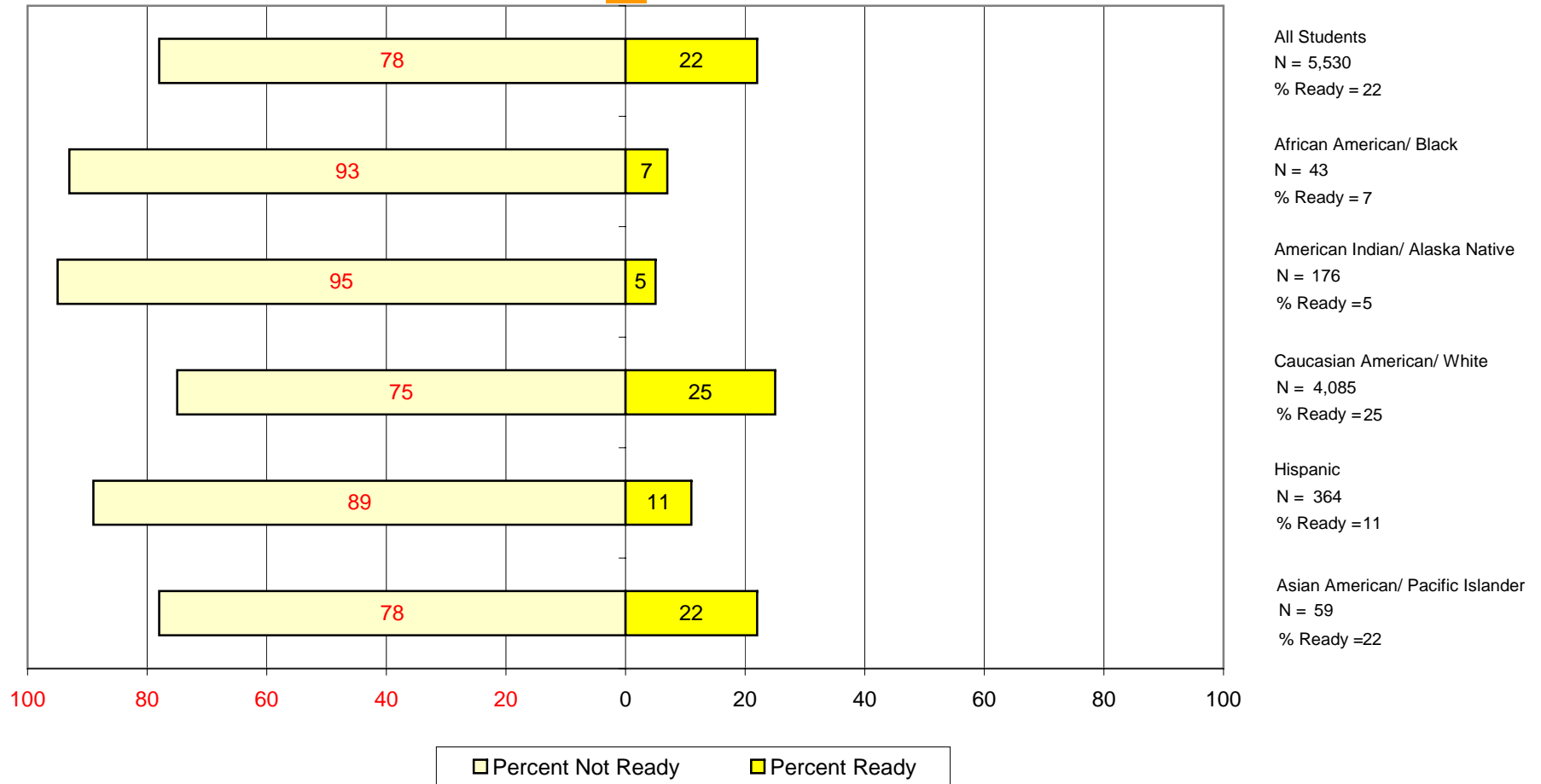
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING



Total Students in Report: 5,530

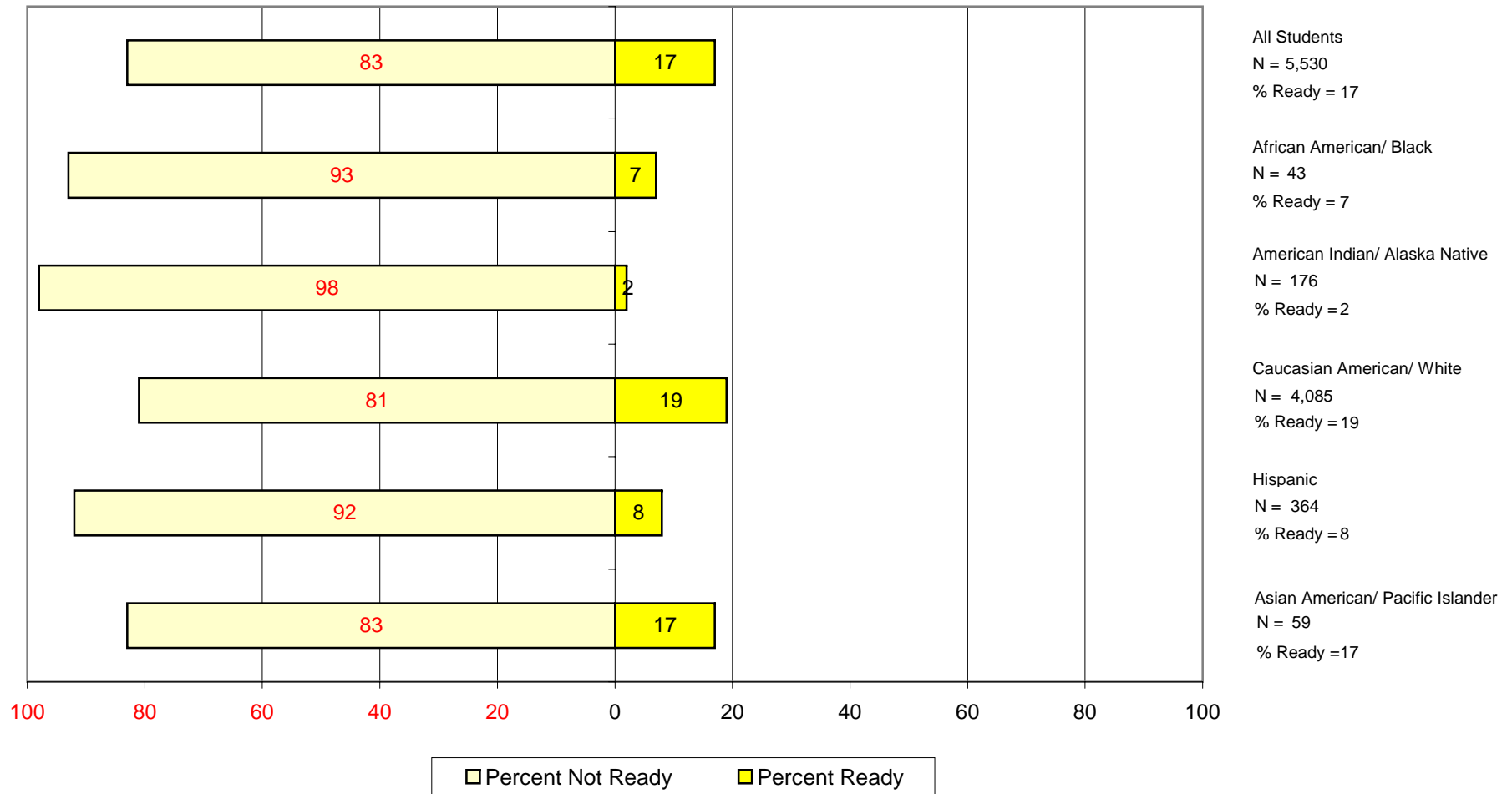
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

ACT Science Benchmark Score = 24



Total Students in Report: 5,530

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



Total Students in Report: 5,530

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	1,213	22	20.7	4.8	494	18	20.4	4.7	709	26	20.9	4.7
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	3,600	65	18.9	3.0	1,837	67	18.3	2.6	1,734	63	19.5	3.3
Less than 4 years of English	570	10	15.9	-	316	12	15.7	-	247	9	16.2	-
No English course/grade information reported	147	3	16.6	-	82	3	16.2	-	63	2	17.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	331	6	23.7	7.2	155	6	24.9	8.2	171	6	22.6	6.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	429	8	21.9	5.4	187	7	22.1	5.4	240	9	21.7	5.4
Alg 1, Alg 2, Geom, & Trig	441	8	20.0	3.5	214	8	20.7	4.0	223	8	19.4	3.1
Alg 1, Alg 2, Geom, & Other Adv Math	590	11	19.9	3.4	261	10	20.4	3.7	325	12	19.5	3.2
Other comb of 4 or more years of Math	1,224	22	23.0	6.5	607	22	23.7	7.0	612	22	22.3	6.0
Alg 1, Alg 2, & Geom (Min. Core)	1,240	22	17.7	1.2	619	23	18.1	1.4	607	22	17.2	0.9
Other comb of 3 or 3.5 years of Math	223	4	19.1	2.6	111	4	19.8	3.1	112	4	18.5	2.2
Less than 3 years of Math	892	16	16.5	-	483	18	16.7	-	397	14	16.3	-
No Math course/grade information reported	160	3	17.6	-	92	3	17.7	-	66	2	17.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	213	4	21.0	2.5	104	4	20.9	2.7	108	4	21.2	2.2
Other comb of 4 or more years Social Science	1,798	33	21.5	3.0	800	29	21.1	2.9	989	36	21.8	2.8
US Hist, World Hist, & Am Gov (Min. Core)	622	11	19.7	1.2	344	13	19.5	1.3	276	10	19.9	0.9
Other comb of 3 or 3.5 years of Social Science	1,591	29	20.9	2.4	762	28	20.5	2.3	812	29	21.3	2.3
Less than 3 years of Social Science	1,145	21	18.5	-	627	23	18.2	-	501	18	19.0	-
No Soc Sci course/grade information reported	161	3	18.2	-	92	3	17.9	-	67	2	18.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,618	29	21.8	3.7	835	31	22.5	4.5	773	28	21.0	2.9
Bio, Chem, Phys	128	2	23.1	5.0	53	2	24.2	6.2	75	3	22.3	4.2
Gen Sci ² , Bio, Chem (Min. Core)	1,971	36	20.3	2.2	872	32	20.4	2.4	1,082	39	20.2	2.1
Other comb of 3 years of Natural Science	391	7	19.8	1.7	228	8	20.5	2.5	162	6	18.8	0.7
Less than 3 years of Natural Science	1,258	23	18.1	-	649	24	18.0	-	591	21	18.1	-
No Nat Sci course/grade information reported	164	3	18.1	-	92	3	18.2	-	70	3	18.0	-

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 5,530

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	1,213	22	20.7	70	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	3,600	65	18.9	57	1,029,431	70	20.6	68
Less than 4 years of English	570	10	15.9	34	74,090	5	16.7	42
No English course/grade information reported	147	3	16.6	44	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	331	6	23.7	66	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	429	8	21.9	55	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	441	8	20.0	32	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	590	11	19.9	32	220,868	15	20.1	36
Other comb of 4 or more years of Math	1,224	22	23.0	62	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	1,240	22	17.7	10	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	223	4	19.1	27	70,732	5	20.1	35
Less than 3 years of Math	892	16	16.5	6	105,591	7	16.5	7
No Math course/grade information reported	160	3	17.6	16	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	213	4	21.0	50	46,754	3	22.8	61
Other comb of 4 or more years Social Science	1,798	33	21.5	55	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	622	11	19.7	39	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	1,591	29	20.9	49	420,236	28	21.3	52
Less than 3 years of Social Science	1,145	21	18.5	30	152,775	10	19.7	40
No Soc Sci course/grade information reported	161	3	18.2	30	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	1,618	29	21.8	35	563,824	38	22.2	39
Bio, Chem, Phys	128	2	23.1	48	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	1,971	36	20.3	21	459,833	31	20.1	21
Other comb of 3 years of Natural Science	391	7	19.8	19	41,353	3	19.8	21
Less than 3 years of Natural Science	1,258	23	18.1	8	233,215	16	18.4	11
No Nat Sci course/grade information reported	164	3	18.1	9	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Total Students in Report: 5,530

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	174	3	18.7	44	5	16.3	116	3	19.8
Architecture & Environmental Design	105	2	19.9	16	2	18.0	81	2	20.6
Business & Management	340	6	20.1	40	5	17.6	276	7	20.7
Business & Office	41	1	18.8	7	1	17.1	30	1	19.3
Marketing & Distribution	31	1	19.5	3	0	16.3	26	1	20.0
Communications & Comm. Technologies	92	2	20.5	11	1	17.8	74	2	21.2
Community & Personal Services	206	4	17.7	67	8	16.9	126	3	18.3
Computer & Information Sciences	78	1	22.1	7	1	19.1	66	2	22.6
Cross-Disciplinary Studies	4	0	25.5	0	0	.	4	0	25.5
Education	192	3	20.0	11	1	18.8	172	5	20.2
Teacher Education	206	4	19.9	10	1	16.1	194	5	20.2
Engineering	293	5	21.5	43	5	16.9	237	6	22.6
Engineering-Related Technologies	150	3	20.3	42	5	17.5	96	3	21.6
Foreign Languages	33	1	21.9	2	0	17.5	27	1	22.6
Health Sciences & Allied Health Fields	849	15	20.4	91	11	17.2	714	19	20.9
Human, Family & Consumer Science	90	2	18.3	20	2	17.0	62	2	19.4
Letters	41	1	23.0	1	0	18.0	37	1	23.5
Mathematics	16	0	25.1	2	0	22.0	14	0	25.6
Philosophy, Religion & Theology	22	0	23.5	1	0	20.0	19	1	23.9
Sciences (Biological & Physical)	208	4	22.0	13	2	15.9	184	5	22.5
Social Sciences	270	5	21.4	13	2	17.1	245	6	21.8
Trade & Industrial	230	4	17.8	146	18	17.3	73	2	19.1
Visual & Performing Arts	482	9	20.1	84	10	16.9	352	9	20.9
Undecided	710	13	20.3	104	13	16.9	516	14	21.3
No Response	667	12	18.1	24	3	15.6	48	1	16.1

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

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

Total Students in Report: 5,530

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	247	17.0	1	16.0	15	14.7	188	17.4	16	16.9	2	16.5	25	15.9
2-yr College Degree	555	17.1	6	13.8	29	15.3	408	17.5	58	16.1	3	17.3	51	16.5
Bachelors Degree	2,028	20.1	13	15.9	63	16.7	1,640	20.5	136	18.1	22	18.0	154	19.6
Graduate Study	654	22.1	4	18.3	15	18.3	533	22.5	34	20.2	13	21.0	55	21.1
Prof. Level Degree	1,107	21.9	13	19.2	29	17.5	885	22.3	63	19.5	15	24.1	102	21.3
Other	271	17.4	3	17.0	10	14.8	186	17.9	30	15.7	1	11.0	41	17.4
No Response	668	18.6	3	18.0	15	16.4	245	19.1	27	17.3	3	17.7	375	18.6

Total Students in Report: 5,530

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	2,183	1,083	1,100	1	10	28	32	20	8	1
STATE-COLLEGE/NO REPORTS NOW	Iowa	845	825	20	5	22	38	23	9	2	0
CASPER COLLEGE	Wyoming	717	289	428	3	20	38	26	11	2	0
LARAMIE COUNTY COMMUNITY COLLEGE	Wyoming	451	168	283	4	16	39	26	13	2	0
SHERIDAN COLLEGE	Wyoming	380	138	242	2	18	42	26	12	1	0
WESTERN WYOMING COMMUNITY COLLEGE	Wyoming	379	169	210	2	19	40	26	12	1	0
NORTHWEST COLLEGE	Wyoming	349	147	202	2	15	35	33	13	1	0
COLORADO STATE UNIVERSITY	Colorado	305	49	256	1	10	23	32	21	11	1
CENTRAL WYOMING COLLEGE	Wyoming	242	97	145	4	20	37	27	11	1	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	241	56	185	0	8	20	32	26	14	0
BLACK HILLS STATE UNIVERSITY	South Dakota	208	50	158	0	9	35	32	20	3	0
EASTERN WYOMING COLLEGE	Wyoming	177	63	114	4	20	38	30	6	1	0
UNIVERSITY OF UTAH	Utah	157	31	126	2	13	26	25	27	7	1
UTAH STATE UNIVERSITY	Utah	151	40	111	0	5	24	32	32	7	0
MONTANA STATE UNIVERSITY-BILLINGS	Montana	142	31	111	1	13	37	31	16	2	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	130	45	85	0	2	18	39	31	10	1
STATE-NO COLLEGE PLANS	Iowa	125	118	7	15	37	31	14	2	0	0
BRIGHAM YOUNG UNIVERSITY	Utah	123	47	76	1	2	14	28	41	13	2
UNIVERSITY OF MONTANA	Montana	109	21	88	0	12	28	29	19	10	1
CHADRON STATE COLLEGE	Nebraska	107	32	75	1	10	36	36	12	5	0
UNIV OF COLORADO-BOULDER	Colorado	91	18	73	3	2	23	29	31	9	3
MESA STATE COLLEGE	Colorado	83	28	55	0	8	27	45	19	1	0
UNIV OF NORTHERN COLORADO	Colorado	77	24	53	1	10	21	34	27	6	0
WEBER STATE UNIVERSITY	Utah	72	16	56	0	6	31	35	25	3	1
NCAA ELIGIBILITY CENTER	Indiana	70	32	38	1	1	21	33	30	13	0
ARIZONA STATE UNIV AT THE TEMPE CAMPUS	Arizona	60	16	44	0	13	30	28	20	8	0
UNIVERSITY OF DENVER	Colorado	58	4	54	3	9	36	17	21	14	0
ART INSTITUTE OF COLORADO THE	Colorado	57	18	39	4	21	44	25	5	2	0
MICHIGAN STATE UNIVERSITY	Michigan	54	17	37	2	7	6	19	37	26	4
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	54	14	40	2	11	37	19	24	7	0
All Other Institutions		3,912	875	3,037	3	15	28	27	17	9	1
Total		12,109	4,561	7,548	3	14	31	28	17	6	1

Section V

Optional Writing Test Results

Total Students in Report: 5,530

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	570	814,713	23.1	21.5	7.4	7.2	22.2	20.8
African American/Black	4	96,225	18.3	16.5	8.3	6.4	19.8	16.5
American Indian/Alaska Native	7	5,489	15.6	18.9	7.4	6.7	16.9	18.5
Caucasian American/White	467	497,164	23.3	22.8	7.4	7.3	22.4	21.9
Hispanic	26	85,681	21.3	18.4	7.5	7.0	21.0	18.4
Asian American/Pacific Islander	15	44,716	23.0	23.5	7.6	7.6	22.2	22.8
Other/No Response	51	85,438	22.8	21.4	7.0	7.2	21.7	20.8
Males	222	357,025	23.1	21.1	7.1	6.9	21.9	20.3
Females	348	455,190	23.1	21.7	7.6	7.4	22.4	21.2
Missing	0	2,498	.	22.1	.	7.2	.	21.3

