

ACT Profile Report - State

Graduating Class 2011
Wyoming



Table of Contents

<p>Section I: Executive Summary</p> <ul style="list-style-type: none"> Percent of Your Students Ready for College-Level Coursework Five Year Trends—Percent of Students Meeting College Readiness Benchmarks Five Year Trends—Average ACT Scores Five Year Trends—Average ACT Scores by Level of Preparation Five Year Trends—Percent and Average Composite Score by Race/Ethnicity Percent of Students in College Readiness Standards Score Ranges 	<p>Page 5</p>
<p>Section II: Academic Achievement</p> <ul style="list-style-type: none"> ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values Average ACT Composite Scores for Race/Ethnicity by Level of Preparation Average ACT Scores by Race/Ethnicity Percent of Students in College Readiness Standards Score Ranges Average ACT Scores by Gender Percent of Students Meeting College Readiness Benchmark Scores by Gender College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum 	<p>Page 11</p>
<p>Section III: College Readiness & Impact of Course Rigor</p> <ul style="list-style-type: none"> Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity Average ACT Scores and Average ACT Score Changes by Common Course Patterns College Readiness Percents by Common Course Patterns 	<p>Page 17</p>
<p>Section IV: Career and Educational Aspirations</p> <ul style="list-style-type: none"> Distribution of Planned Educational Majors for All Students by College Plans Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations Students' Score Report Preferences at Time of Testing 	<p>Page 25</p>
<p>Section V: Optional Writing Test Results</p> <ul style="list-style-type: none"> Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing 	<p>Page 29</p>

This report provides information about the performance of your 2011 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 2011 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

18% 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. 57% 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 12% of the cohort took less than three years of math courses. Of these students, 5% were college ready. 21% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 10% of these students were college ready. In comparison, 50% 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 23% of the cohort took less than three years of natural science courses. 8% 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 54% 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.

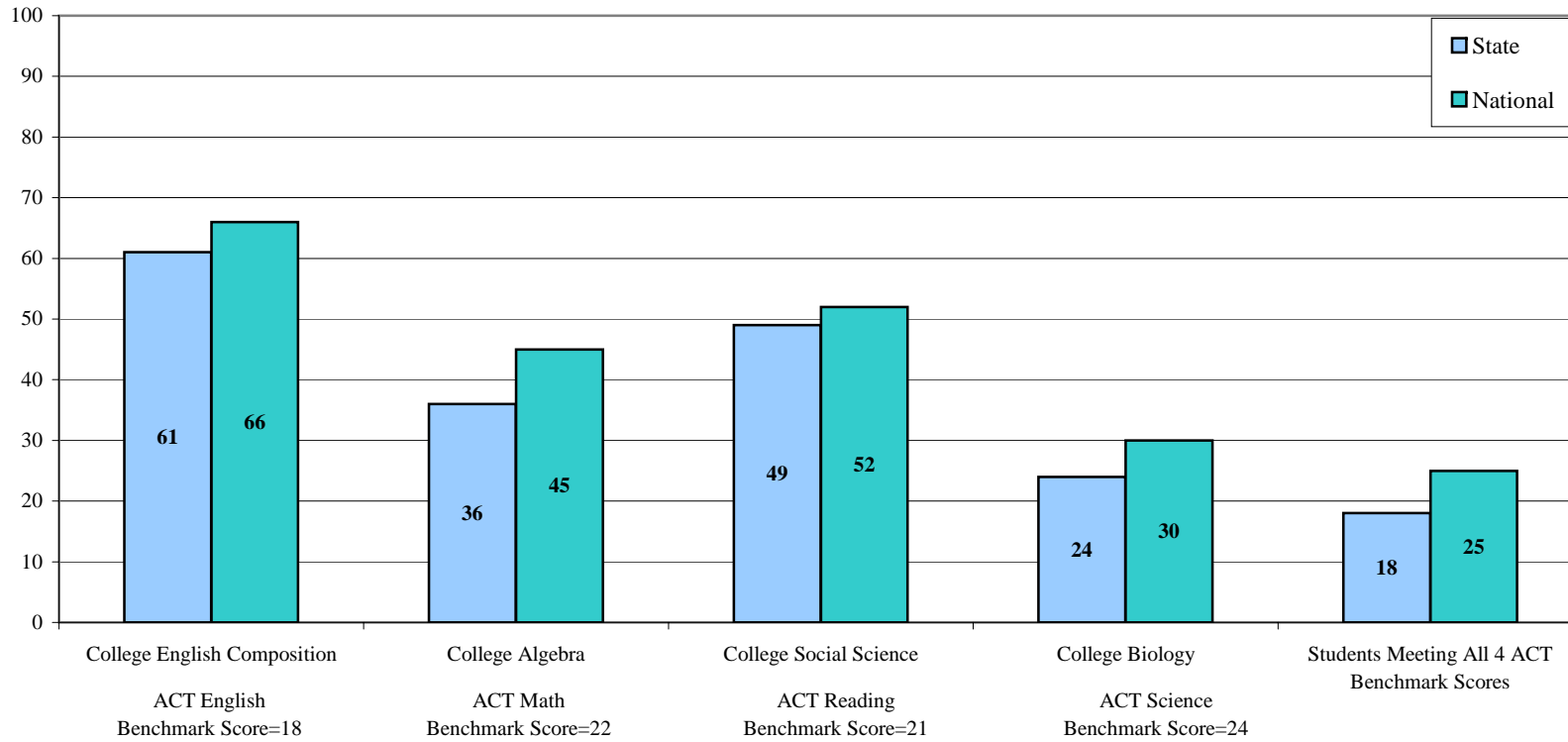
Section I

Executive Summary

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 5,533

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
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
2011	5,533	1,623,112	61	66	36	45	49	52	24	30	18	25

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
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
2011	5,533	1,623,112	19.4	20.6	20.0	21.1	20.8	21.3	20.4	20.9	20.3	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
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
2011	1,623,112	20.6	21.1	21.3	20.9	21.1

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
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
2011	3,140	2,195	57	40	21.1	17.1	21.5	18.1	22.3	18.9	21.8	18.6	21.8	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.

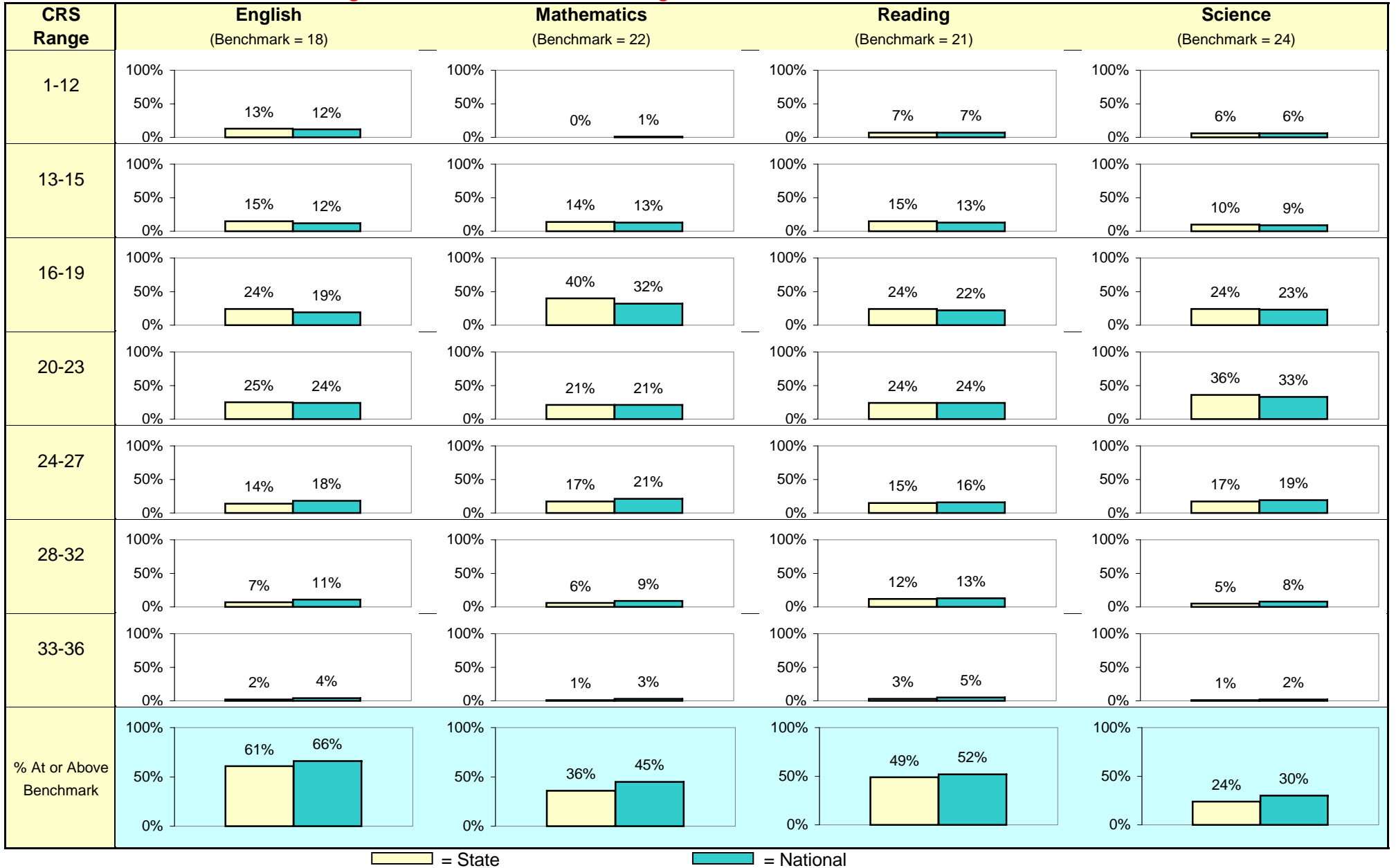
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	4,115	100	21.5	4,361	100	21.1	5,530	100	20.0	5,533	100	20.0	5,533	100	20.3
Black/African American	32	1	19.1	37	1	17.8	43	1	17.0	43	1	16.8	47	1	17.3
American Indian/Alaska Native	56	1	17.2	63	1	18.2	176	3	16.4	135	2	17.0	118	2	16.9
White	3,223	78	21.7	3,649	84	21.3	4,085	74	20.5	4,381	79	20.4	4,227	76	20.7
Hispanic/Latino	155	4	19.4	191	4	18.9	364	7	17.9	384	7	18.0	463	8	18.5
Asian	40	1	22.2	58	1	20.9	59	1	20.0	52	1	21.1	47	1	21.4
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	6	0	19.7
Two or more races	61	1	21.6	87	2	19.9	131	2	20.0	153	3	19.1	146	3	20.4
Prefer not to respond/No response	548	13	21.3	276	6	21.2	672	12	18.8	385	7	18.9	479	9	19.2

¹Refer to the section header on page 5 for a description of race/ethnicity changes.

Total Students in Report: 5,533

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



Section II

Academic Achievement

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

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	7	100	1	100	30	100	6	100	2	100	36
35	39	100	19	100	21	99	13	100	5	100	35
34	34	99	19	100	49	99	24	100	12	100	34
33	31	99	30	99	81	98	36	99	29	100	33
32	55	98	37	99	123	97	11	99	38	99	32
31	53	97	47	98	107	95	34	98	43	98	31
30	65	96	47	97	113	93	66	98	88	98	30
29	118	95	88	96	141	91	65	97	88	96	29
28	101	93	94	95	171	88	115	95	111	94	28
27	149	91	146	93	234	85	127	93	176	92	27
26	176	88	199	90	183	81	196	91	210	89	26
25	208	85	293	87	215	77	322	87	315	86	25
24	265	81	309	82	210	73	312	82	248	80	24
23	307	76	335	76	260	70	500	76	313	75	23
22	271	71	309	70	435	65	341	67	402	70	22
21	412	66	282	64	311	57	565	61	469	62	21
20	388	59	263	59	340	51	569	51	408	54	20
19	406	52	329	54	445	45	516	40	431	47	19
18	281	44	527	49	326	37	304	31	437	39	18
17	280	39	554	39	292	31	302	26	422	31	17
16	339	34	809	29	246	26	211	20	348	23	16
15	354	28	509	14	369	22	234	16	345	17	15
14	310	22	207	5	310	15	192	12	252	11	14
13	177	16	60	1	149	9	144	9	179	6	13
12	172	13	14	1	198	7	123	6	116	3	12
11	169	10	5	1	113	3	90	4	39	1	11
10	169	7	1	1	24	1	84	2	5	1	10
9	97	4	0	1	22	1	16	1	1	1	9
8	67	2	0	1	9	1	10	1	1	1	8
7	27	1	0	1	4	1	3	1	0	1	7
6	4	1	0	1	0	1	1	1	0	1	6
5	2	1	0	1	2	1	0	1	0	1	5
4	0	1	0	1	0	1	1	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)	19.4 (5.9)		20.0 (4.6)		20.8 (5.9)		20.4 (4.8)		20.3 (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/ Sciences		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	106	100	39	100	101	100	88	100	126	100	25	100	34	100	18
17	102	98	31	99	143	98	266	98	148	98	41	100	0	99	17
16	167	96	243	99	348	96	281	94	170	95	81	99	89	99	16
15	192	93	247	94	265	89	304	89	242	92	124	97	205	98	15
14	269	90	307	90	277	85	279	83	296	88	271	95	386	94	14
13	228	85	418	84	500	80	428	78	404	82	565	90	355	87	13
12	347	81	553	77	514	70	476	70	392	75	428	80	765	81	12
11	501	74	719	67	453	61	538	62	704	68	615	72	639	67	11
10	700	65	556	54	503	53	494	52	393	55	1,031	61	958	55	10
9	546	53	816	44	674	44	537	43	484	48	807	43	648	38	9
8	656	43	484	29	757	32	420	33	723	39	624	28	824	26	8
7	444	31	399	20	421	18	382	26	869	26	422	17	83	11	7
6	410	23	290	13	256	10	529	19	372	11	262	9	281	10	6
5	343	16	229	8	182	6	239	9	155	4	146	4	134	5	5
4	334	9	139	4	89	3	191	5	32	1	20	2	37	2	4
3	159	3	53	1	33	1	55	1	18	1	45	1	65	2	3
2	29	1	8	1	13	1	24	1	5	1	10	1	11	1	2
1	0	1	2	1	4	1	2	1	0	1	16	1	19	1	1
Avg (SD)	9.4 (3.6)		10.2 (3.2)		10.5 (3.4)		10.4 (3.7)		10.2 (3.3)		10.0 (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	25	23	23
Q2 (50th Percentile)	19	19	20	20	20
Q1 (25th Percentile)	15	16	16	17	17

Total Students in Report: 5,533

Table 2.4. Average ACT Composite Scores for Race/Ethnicity¹ by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	5,533	57	21.8	18.3
	Black/African American	47	60	19.0	14.4
	American Indian/Alaska Native	118	41	18.6	15.9
	White	4,227	59	22.2	18.7
	Hispanic/Latino	463	55	19.9	16.7
	Asian	47	77	22.3	19.0
	Native Hawaiian/Other Pac. Isl.	6	33	19.0	20.0
	Two or more races	146	53	22.1	18.6
	Prefer not/No Response	479	44	21.0	17.7
National	All Students	1,623,112	74	21.9	19.0
	Black/African American	223,383	69	17.5	15.9
	American Indian/Alaska Native	14,970	63	19.7	17.1
	White	981,585	76	23.1	20.3
	Hispanic/Latino	200,661	72	19.4	17.2
	Asian	66,650	81	24.1	21.9
	Native Hawaiian/Other Pac. Isl.	2,244	78	20.0	17.8
	Two or more races	46,378	72	21.8	19.3
	Prefer not/No Response	87,241	65	22.1	18.7

¹Refer to the section header on page 11 for a description of race/ethnicity changes.

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.

Table 2.5. Average ACT Scores by Race/Ethnicity¹

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	19.4	20.0	20.8	20.4	20.3
	Black/African American	16.2	17.6	17.3	17.4	17.3
	American Indian/Alaska Native	15.2	17.4	17.5	17.0	16.9
	White	19.9	20.4	21.3	20.8	20.7
	Hispanic/Latino	17.1	18.8	18.5	18.9	18.5
	Asian	20.2	22.3	20.5	22.2	21.4
	Native Hawaiian/Other Pac. Isl.	18.3	21.2	18.3	20.5	19.7
	Two or more races	19.4	19.4	21.5	20.7	20.4
	Prefer not/No Response	18.1	19.0	19.8	19.3	19.2
National	All Students	20.6	21.1	21.3	20.9	21.1
	Black/African American	15.9	17.2	17.0	17.1	17.0
	American Indian/Alaska Native	17.5	18.6	19.1	18.9	18.6
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.6	19.2	18.9	18.8	18.7
	Asian	22.8	25.1	22.9	23.1	23.6
	Native Hawaiian/Other Pac. Isl.	18.6	19.9	19.4	19.5	19.5
	Two or more races	20.7	20.7	21.6	20.9	21.1
	Prefer not/No Response	20.2	20.9	21.0	20.4	20.7

¹Refer to the section header on page 11 for a description of race/ethnicity changes.

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	111	2	69	1	181	3	79	1
	28 to 32	392	7	313	6	655	12	291	5
	24 to 27	798	14	947	17	842	15	957	17
	20 to 23	1,378	25	1,189	21	1,346	24	1,975	36
	16 to 19	1,306	24	2,219	40	1,309	24	1,333	24
	13 to 15	841	15	776	14	828	15	570	10
	01 to 12	707	13	20	0	372	7	328	6
National	33 to 36	68,159	4	49,703	3	81,236	5	32,031	2
	28 to 32	174,801	11	144,331	9	211,084	13	130,969	8
	24 to 27	286,161	18	344,894	21	265,974	16	316,182	19
	20 to 23	394,076	24	332,913	21	382,505	24	530,056	33
	16 to 19	309,855	19	525,628	32	360,259	22	366,855	23
	13 to 15	201,235	12	217,338	13	214,265	13	153,754	9
	01 to 12	188,825	12	8,305	1	107,789	7	93,265	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	2,608	47	18.8	20.5	20.5	20.7	20.2
	Females	2,825	51	20.0	19.7	21.2	20.2	20.4
	Missing	100	2	17.3	18.0	18.4	18.4	18.2
National	Males	739,070	46	20.2	21.6	21.1	21.4	21.2
	Females	879,957	54	20.9	20.6	21.4	20.5	21.0
	Missing	4,085	0	16.4	17.8	17.7	17.8	17.6

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	57	40	46	26	20
	Females	65	33	51	22	17
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

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	3,140	74	21.1	48	21.5	59	22.3	33	21.8	26	21.8
	Less than Core	2,195	44	17.1	19	18.1	34	18.9	12	18.6	8	18.3
	Missing ³	198	37	16.6	17	17.8	31	18.6	15	18.6	9	18.1
National	Core or More	1,202,164	72	21.5	51	21.8	57	22.0	34	21.6	29	21.9
	Less than Core	366,518	51	18.3	27	19.0	38	19.3	17	19.0	13	19.0
	Missing	54,430	38	16.3	21	18.0	27	17.7	12	17.7	9	17.5

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	4,840	64	19.8	4,734	40	20.6	4,390	52	21.3	4,082	29	21.2
	Less than Core	559	39	16.5	638	5	16.2	994	34	18.9	1,294	8	18.0
	Missing ³	134	40	17.3	161	17	17.7	149	34	19.1	157	17	19.0
National	Core or More	1,510,179	68	20.9	1,494,425	47	21.4	1,424,252	54	21.6	1,367,777	33	21.4
	Less than Core	66,225	40	16.6	79,145	8	16.4	149,746	40	19.7	205,148	12	18.3
	Missing	46,708	39	16.5	49,542	21	18.1	49,114	28	17.9	50,187	13	17.8

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.

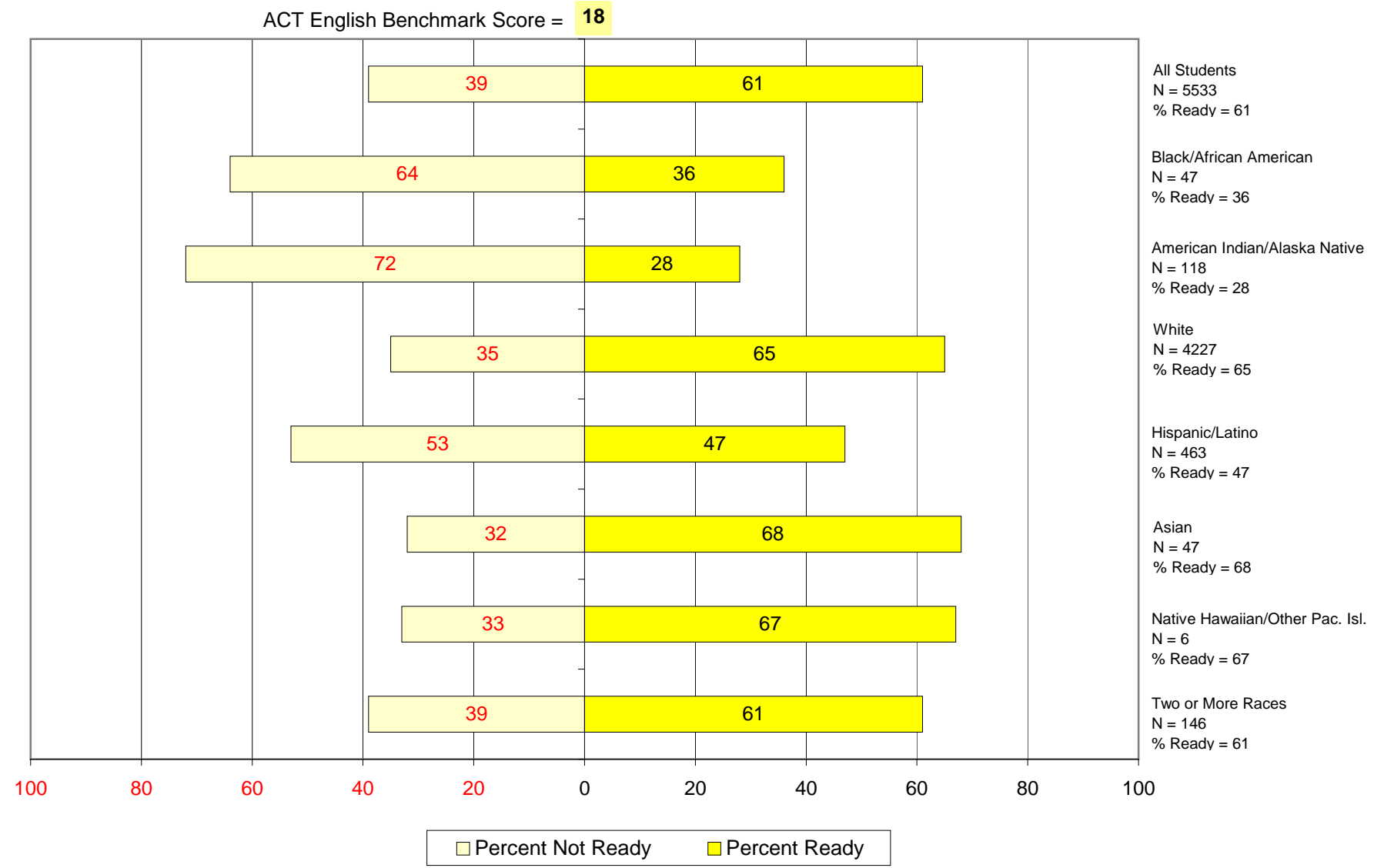
³ Zero years or no coursework information reported in the specified content area.

Section III

College Readiness and the Impact of Course Rigor

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

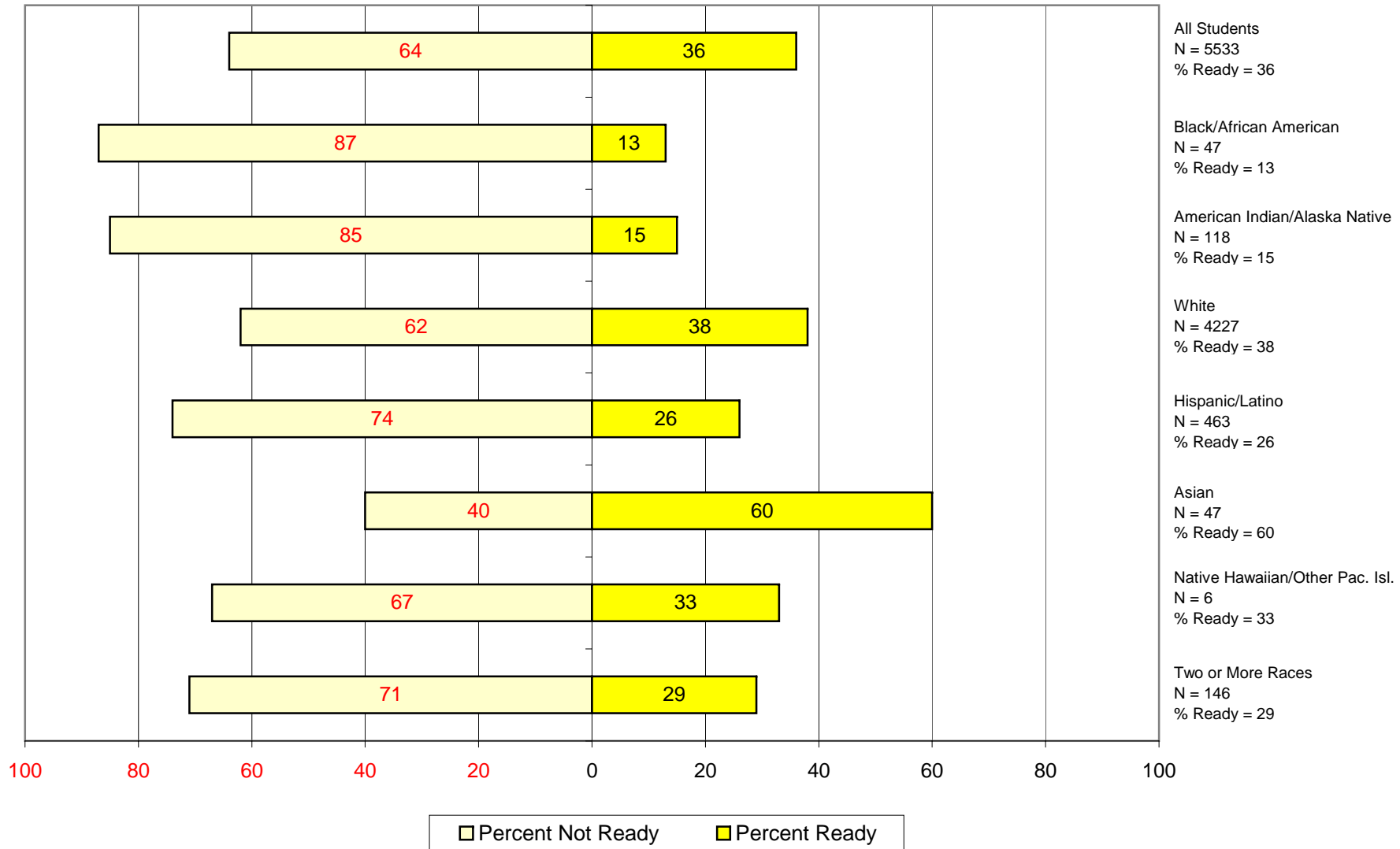
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ENGLISH



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

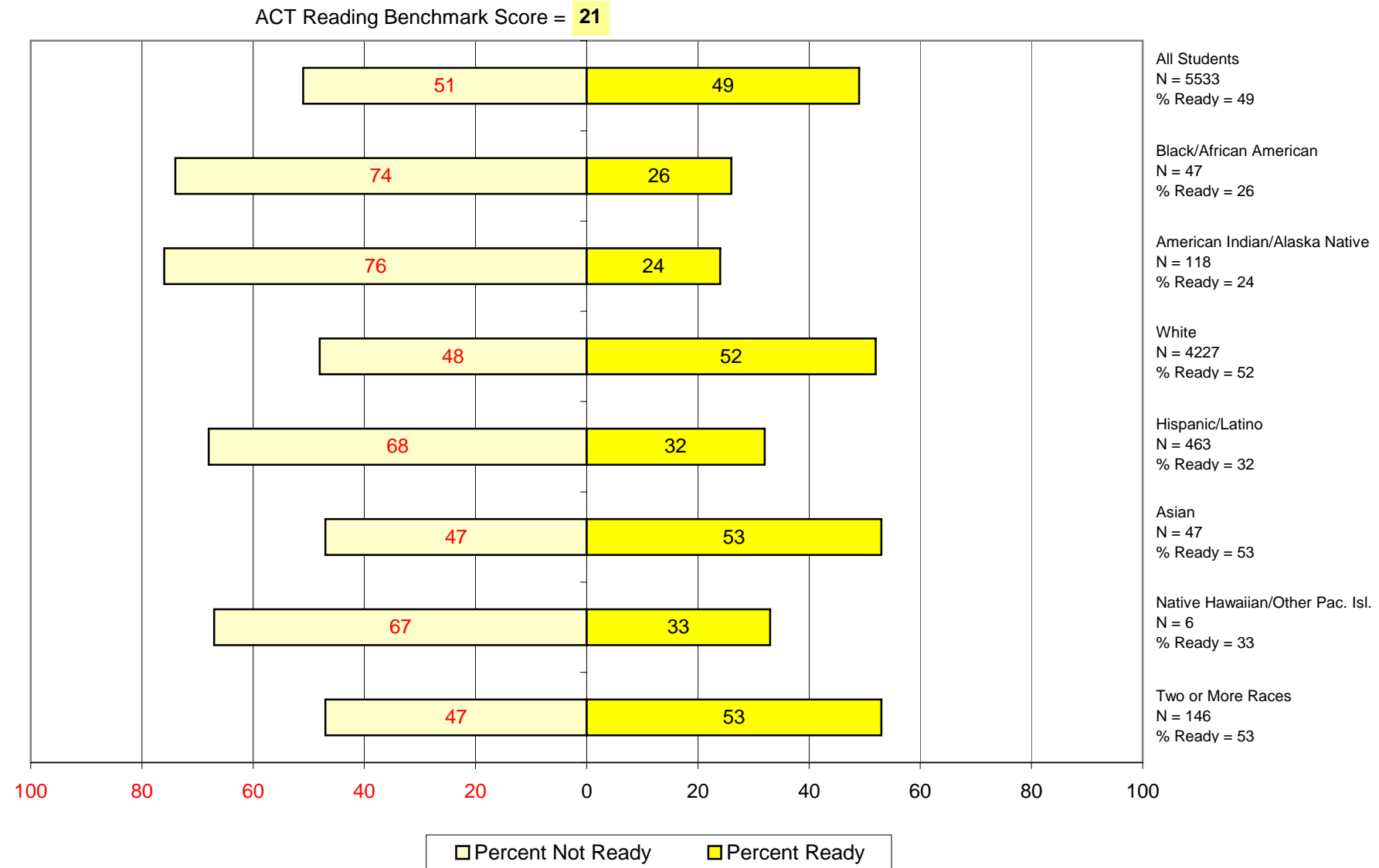
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: MATHEMATICS

ACT Mathematics Benchmark Score = **22**



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: READING

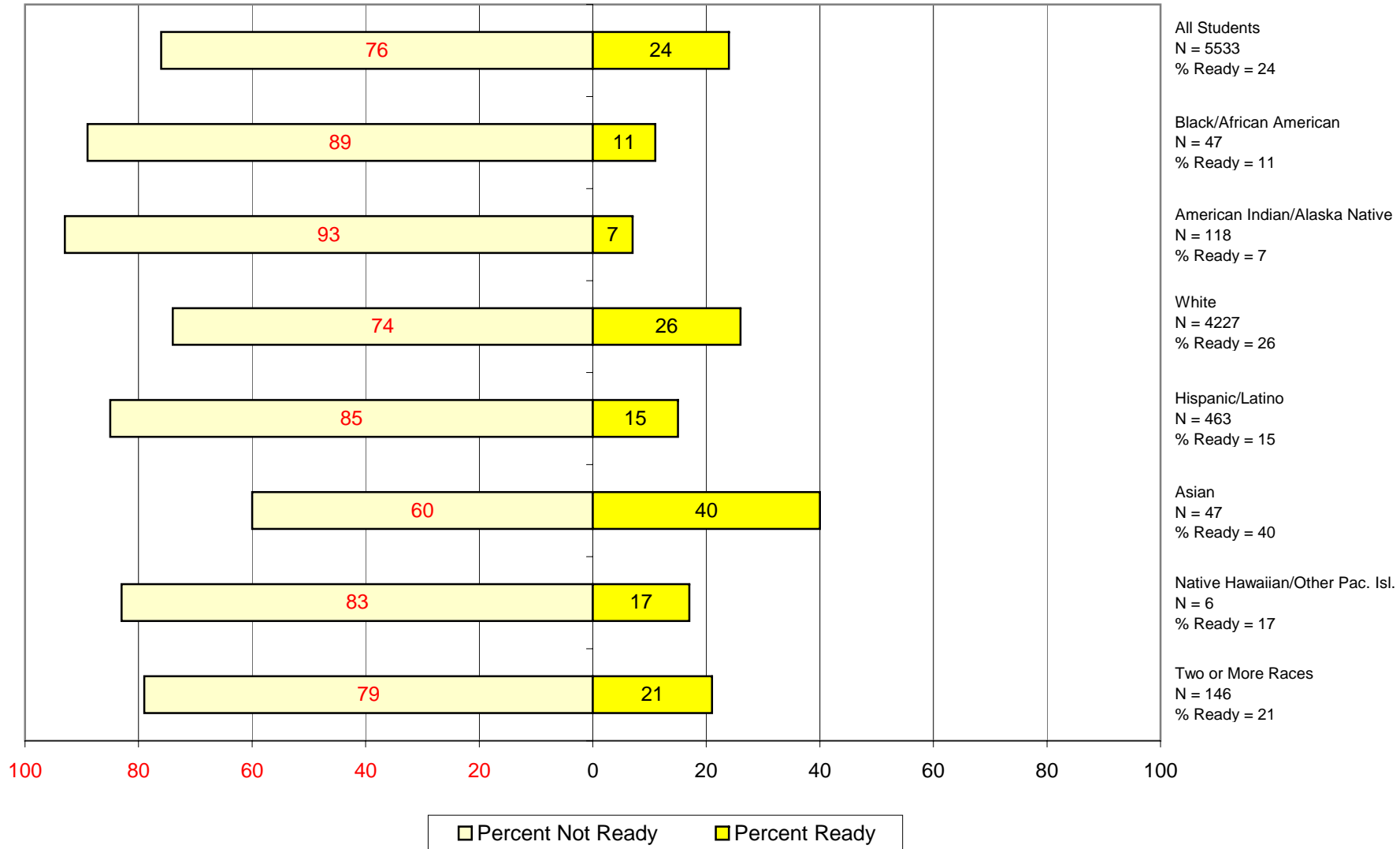


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 5,533

Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: SCIENCE

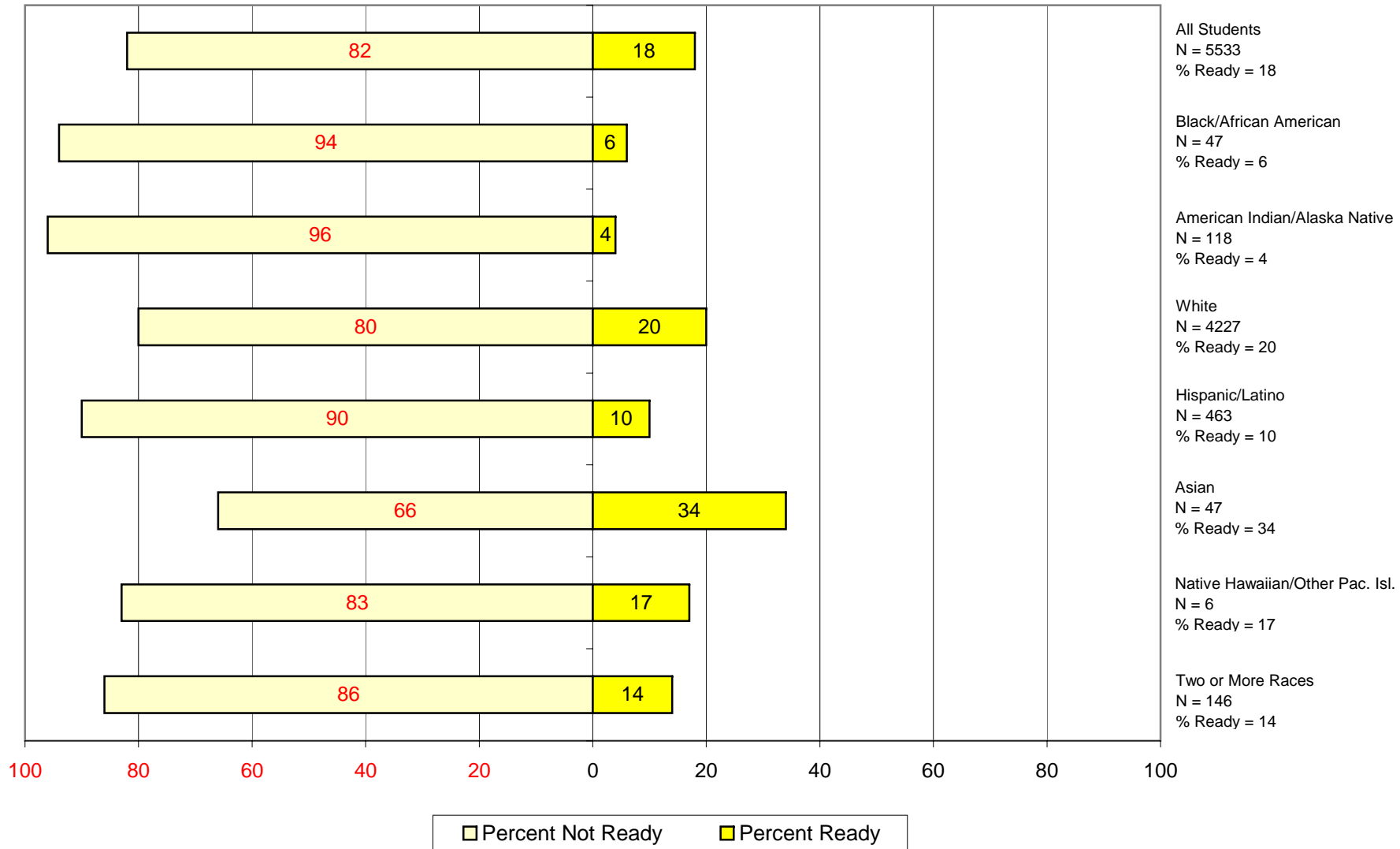
ACT Science Benchmark Score = **24**



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 5,533

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity¹: ALL FOUR



¹Refer to the section header on page 17 for a description of race/ethnicity changes.

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	1,065	19	21.0	4.5	408	16	20.4	4.1	651	23	21.3	4.4
Eng 9, Eng 10, Eng 11, Eng 12	3,775	68	19.4	2.9	1,828	70	18.9	2.6	1,884	67	19.9	3.0
Less than 4 years of English	559	10	16.5	-	318	12	16.3	-	227	8	16.9	-
Zero years / no English courses reported	134	2	17.3	-	54	2	16.8	-	63	2	17.5	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	331	6	23.6	7.4	150	6	24.2	7.8	181	6	23.0	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	506	9	22.1	5.9	214	8	22.6	6.2	285	10	21.7	5.7
Alg 1, Alg 2, Geom, & Trig	502	9	20.0	3.8	226	9	20.6	4.2	263	9	19.6	3.6
Alg 1, Alg 2, Geom, & Other Adv Math	750	14	19.5	3.3	299	11	20.2	3.8	441	16	19.0	3.0
Other comb of 4 or more years of Math	1,277	23	23.3	7.1	598	23	24.1	7.7	666	24	22.6	6.6
Alg 1, Alg 2, & Geom	1,142	21	17.4	1.2	605	23	17.8	1.4	511	18	16.8	0.8
Other comb of 3 or 3.5 years of Math	226	4	19.3	3.1	100	4	20.4	4.0	123	4	18.4	2.4
Less than 3 years of Math	638	12	16.2	-	345	13	16.4	-	281	10	16.0	-
Zero years / no Math courses reported	161	3	17.7	-	71	3	17.9	-	74	3	17.2	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	255	5	21.1	2.2	123	5	20.9	2.1	128	5	21.5	2.6
Other comb of 4 or more years Social Science	1,974	36	22.0	3.1	820	31	21.8	3.0	1,125	40	22.2	3.3
US Hist, World Hist, & Am Gov	673	12	19.8	0.9	344	13	19.6	0.8	320	11	20.2	1.3
Other comb of 3 or 3.5 years of Social Science	1,488	27	21.2	2.3	725	28	20.6	1.8	746	26	21.8	2.9
Less than 3 years of Social Science	994	18	18.9	-	528	20	18.8	-	442	16	18.9	-
Zero years / no Social Science courses reported	149	3	19.1	-	68	3	18.9	-	64	2	19.6	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	1,704	31	22.0	4.0	828	32	22.7	4.5	860	30	21.3	3.5
Bio, Chem, Phys	113	2	23.5	5.5	49	2	24.5	6.3	61	2	22.8	5.0
Gen Sci ² , Bio, Chem	1,915	35	20.7	2.7	821	31	20.6	2.4	1,062	38	20.8	3.0
Other comb of 3 years of Natural Science	350	6	19.8	1.8	203	8	20.3	2.1	139	5	19.2	1.4
Less than 3 years of Natural Science	1,294	23	18.0	-	641	25	18.2	-	629	22	17.8	-
Zero years / no Natural Science courses reported	157	3	19.0	-	66	3	19.1	-	74	3	18.8	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

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	1,065	19	21.0	72	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	3,775	68	19.4	62	1,143,409	70	20.6	66
Less than 4 years of English	559	10	16.5	39	66,225	4	16.6	40
Zero years / no English courses reported	134	2	17.3	40	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	331	6	23.6	67	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	506	9	22.1	58	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	502	9	20.0	36	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	750	14	19.5	29	271,304	17	19.9	36
Other comb of 4 or more years of Math	1,277	23	23.3	64	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	1,142	21	17.4	10	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	226	4	19.3	30	78,953	5	19.9	35
Less than 3 years of Math	638	12	16.2	5	79,145	5	16.4	8
Zero years / no Math courses reported	161	3	17.7	17	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	255	5	21.1	51	47,284	3	22.5	59
Other comb of 4 or more years Social Science	1,974	36	22.0	58	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	673	12	19.8	41	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	1,488	27	21.2	50	445,631	27	21.1	51
Less than 3 years of Social Science	994	18	18.9	34	149,746	9	19.7	40
Zero years / no Social Science courses reported	149	3	19.1	34	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	1,704	31	22.0	36	686,167	42	22.1	39
Bio, Chem, Phys	113	2	23.5	50	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	1,915	35	20.7	24	476,294	29	20.1	21
Other comb of 3 years of Natural Science	350	6	19.8	21	45,296	3	19.6	20
Less than 3 years of Natural Science	1,294	23	18.0	8	205,148	13	18.3	12
Zero years / no Natural Science courses reported	157	3	19.0	17	50,187	3	17.8	13

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

Total Students in Report: 5,533

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

Planned Educational Major ¹	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ²	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp	N	Percent ³	Avg ACT Comp
Agriculture & Natural Resources Conservation	174	3	18.9	41	5	18.0	126	3	19.3
Architecture	54	1	21.1	5	1	19.6	46	1	21.6
Area, Ethnic, & Multidisciplinary Studies	8	0	24.1	0	0	.	7	0	24.4
Arts: Visual & Performing	480	9	20.1	88	11	17.7	361	9	20.7
Business	296	5	20.5	55	7	17.5	230	6	21.3
Communications	76	1	21.7	8	1	18.4	65	2	22.3
Community, Family, & Personal Services	267	5	18.3	88	11	17.2	162	4	18.8
Computer Science & Mathematics	92	2	22.6	12	2	19.3	76	2	23.2
Education	509	9	20.6	32	4	17.3	452	12	20.9
Engineering	345	6	22.0	49	6	16.9	280	7	23.0
Engineering Technology & Drafting	149	3	20.3	35	4	16.6	107	3	21.5
English & Foreign Languages	74	1	23.3	8	1	19.0	64	2	23.8
Health Administration & Assisting	61	1	17.5	10	1	17.1	47	1	17.7
Health Sciences & Technologies	905	16	20.5	83	10	17.5	792	20	20.9
Philosophy, Religion, & Theology	32	1	22.6	4	1	18.5	28	1	23.2
Repair, Production, & Construction	198	4	17.0	120	15	16.5	69	2	18.1
Sciences: Biological & Physical	223	4	22.6	7	1	17.1	208	5	22.8
Social Sciences & Law	308	6	22.0	9	1	17.8	291	7	22.2
Undecided	613	11	20.3	104	13	16.8	436	11	21.4
No Response	669	12	18.8	39	5	15.2	44	1	17.0

¹Refer to the section header on page 25 for a description of educational major changes.

²2-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.

³Percent 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/Ethnic¹ Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	212	16.6	0	.	5	16.4	158	16.8	18	15.7
2-yr College Degree	585	17.3	6	15.5	21	16.1	425	17.7	60	15.7
Bachelors Degree	2,119	20.2	18	16.5	43	16.4	1,675	20.6	179	18.8
Graduate Study	684	22.8	4	18.3	6	15.5	554	23.1	44	21.7
Prof. Level Degree	1,088	22.1	10	21.2	24	19.5	830	22.5	100	19.4
Other	187	18.0	3	16.3	9	14.8	132	18.3	12	16.7
No Response	658	19.4	6	14.7	10	17.8	453	20.0	50	17.2

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	212	16.6	0	.	0	.	4	17.3	27	15.9
2-yr College Degree	585	17.3	3	18.3	1	11.0	13	17.5	56	16.5
Bachelors Degree	2,119	20.2	12	22.0	4	20.8	50	20.3	138	19.3
Graduate Study	684	22.8	9	23.4	0	.	18	22.0	49	21.8
Prof. Level Degree	1,088	22.1	10	22.9	1	24.0	37	22.6	76	21.7
Other	187	18.0	1	14.0	0	.	6	19.2	24	17.7
No Response	658	19.4	12	19.5	0	.	18	17.6	109	18.5

¹Refer to the section header on page 25 for a description of race/ethnicity changes.

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	2,070	946	1,124	1	9	24	33	23	9	1
STATE-COLLEGE/NO REPORTS NOW	Iowa	850	850	0	5	21	36	22	12	3	1
CASPER COLLEGE	Wyoming	738	302	436	3	19	34	28	14	2	0
LARAMIE COUNTY COMMUNITY COLLEGE	Wyoming	550	215	335	3	19	34	28	14	3	0
SHERIDAN COLLEGE	Wyoming	465	198	267	2	17	33	29	16	3	1
NORTHWEST COLLEGE	Wyoming	375	160	215	2	18	31	31	15	4	0
WESTERN WYOMING COMMUNITY COLLEGE	Wyoming	375	170	205	3	17	36	28	12	2	1
CENTRAL WYOMING COLLEGE	Wyoming	269	111	158	7	24	36	20	11	2	0
COLORADO STATE UNIVERSITY	Colorado	247	50	197	1	6	23	36	23	11	0
BLACK HILLS STATE UNIVERSITY	South Dakota	236	58	178	2	7	30	38	20	4	0
EASTERN WYOMING COLLEGE	Wyoming	171	63	108	4	18	39	32	6	1	0
UTAH STATE UNIVERSITY	Utah	171	50	121	1	8	20	35	23	13	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	158	38	120	1	4	20	35	27	13	1
UNIVERSITY OF UTAH	Utah	131	28	103	1	7	27	31	24	8	2
BRIGHAM YOUNG UNIVERSITY	Utah	127	40	87	0	4	20	25	31	17	2
MONTANA STATE UNIVERSITY-BILLINGS	Montana	125	23	102	3	11	30	30	20	5	0
CHADRON STATE COLLEGE	Nebraska	122	26	96	0	8	25	41	22	4	0
STATE-NO COLLEGE PLANS	Iowa	110	110	0	16	41	30	5	7	0	0
MESA STATE COLLEGE	Colorado	108	28	80	0	11	33	33	13	9	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	106	36	70	0	3	22	30	36	8	1
UNIVERSITY OF MONTANA	Montana	99	29	70	1	8	18	36	25	10	1
MICHIGAN STATE UNIVERSITY	Michigan	94	45	49	0	2	4	19	36	35	3
UNIV OF COLORADO-BOULDER	Colorado	88	25	63	0	3	20	36	23	16	1
BOISE STATE UNIVERSITY	Idaho	81	16	65	1	19	19	37	19	6	0
WEBER STATE UNIVERSITY	Utah	80	18	62	4	14	28	34	15	6	0
UNIV OF NORTHERN COLORADO	Colorado	71	17	54	0	11	18	30	25	15	0
ARIZONA STATE UNIVERSITY	Arizona	70	28	42	0	11	30	30	20	6	3
NCAA ELIGIBILITY CENTER	Indiana	70	32	38	1	4	14	39	31	9	1
UNIVERSITY OF DENVER	Colorado	69	10	59	3	12	23	29	29	4	0
UNIVERSITY OF ARIZONA	Arizona	61	12	49	3	13	41	25	15	3	0
All Other Institutions		3,789	928	2,861	2	11	28	27	19	11	2
Total		12,076	4,662	7,414	2	13	29	29	19	8	1

Section V

Optional Writing Test Results

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Total Students in Report: 5,533

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity¹ and Gender for students who took ACT Writing

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	637	905,035	23.7	21.5	7.4	7.1	22.7	20.8
Black/African American	6	112,251	22.0	16.7	7.2	6.3	21.0	16.5
American Indian/Alaska Native	10	5,519	23.4	18.4	7.6	6.5	22.6	18.0
White	502	522,234	24.0	23.2	7.4	7.3	22.9	22.2
Hispanic/Latino	61	128,599	21.1	18.4	7.2	6.8	20.6	18.2
Asian	10	51,829	24.0	23.8	7.6	7.6	23.0	22.9
Native Hawaiian/Other Pac. Isl.	2	1,332	20.0	19.7	6.0	7.2	18.5	19.5
Two or more races	17	27,722	22.8	21.6	7.6	7.0	22.2	20.8
Prefer not/No Response	29	55,549	25.8	21.3	7.5	7.0	24.2	20.5
Males	259	399,206	23.4	21.3	7.1	6.8	22.1	20.3
Females	378	503,699	23.9	21.8	7.6	7.3	23.1	21.1
Missing	0	2,130	.	17.6	.	6.2	.	17.1

¹Refer to the section header on page 29 for a description of race/ethnicity changes.

