

ACT Profile Report - State

Graduating Class 2012
Alaska



ACT, INC. -- CONFIDENTIAL



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This report provides information about the performance of your 2012 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 2012 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

Total Students in Report: 2,598

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

26% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 2,598 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. 60% 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 9% of the cohort took less than three years of math courses. Of these students, 7% were college ready. 15% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 68% 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 18% of the cohort took less than three years of natural science courses. 12% of these students were college ready. In comparison, 39% 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 45% 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

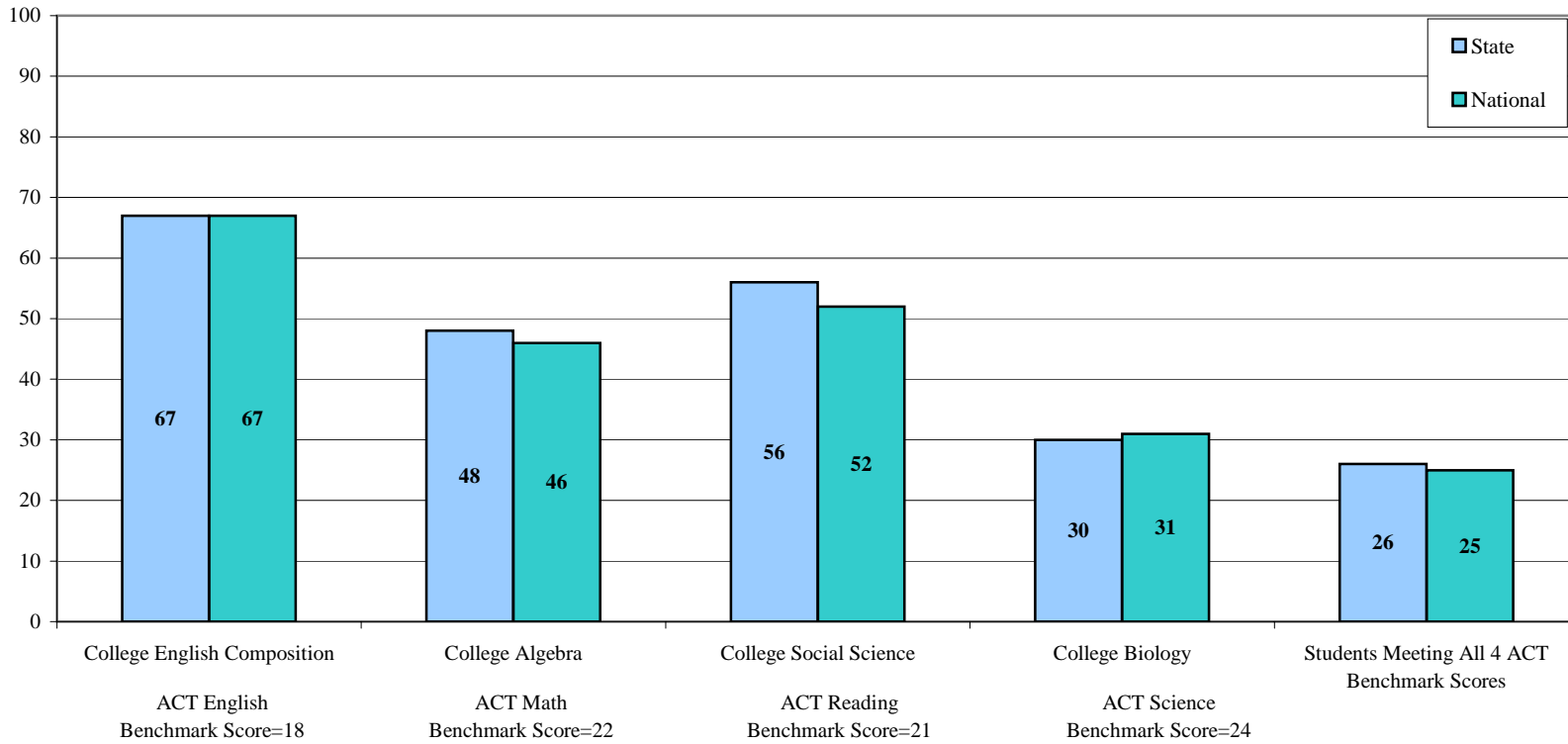
Executive Summary

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: 2,598

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

Total Students in Report: 2,598

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
2008	2,047	1,421,941	66	68	46	43	55	53	31	28	26	22
2009	2,254	1,480,469	65	67	44	42	55	53	28	28	25	23
2010	2,228	1,568,835	65	66	47	43	55	52	31	29	26	24
2011	3,022	1,623,112	65	66	47	45	56	52	30	30	25	25
2012	2,598	1,666,017	67	67	48	46	56	52	30	31	26	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
2008	2,047	1,421,941	20.3	20.6	21.2	21.0	21.8	21.4	20.8	20.8	21.2	21.1
2009	2,254	1,480,469	20.1	20.6	21.1	21.0	21.7	21.4	20.7	20.9	21.0	21.1
2010	2,228	1,568,835	20.3	20.5	21.2	21.0	21.7	21.3	20.9	20.9	21.1	21.0
2011	3,022	1,623,112	20.3	20.6	21.4	21.1	21.7	21.3	21.0	20.9	21.2	21.1
2012	2,598	1,666,017	20.3	20.5	21.3	21.1	21.8	21.3	20.8	20.9	21.2	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
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
2012	1,666,017	20.5	21.1	21.3	20.9	21.1

Total Students in Report: 2,598

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
2008	940	548	46	27	23.3	20.3	23.8	20.4	24.6	22.2	23.1	20.8	23.8	21.1
2009	1,228	504	54	22	23.0	19.9	23.6	19.8	24.4	21.8	22.8	20.2	23.6	20.5
2010	1,275	479	57	21	22.9	19.7	23.4	19.9	24.2	21.3	22.9	20.1	23.5	20.3
2011	1,698	811	56	27	22.6	18.9	23.3	19.7	23.7	20.7	22.8	19.6	23.2	19.9
2012	1,568	695	60	27	22.5	18.8	23.2	19.3	23.8	20.3	22.5	19.5	23.1	19.6

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.

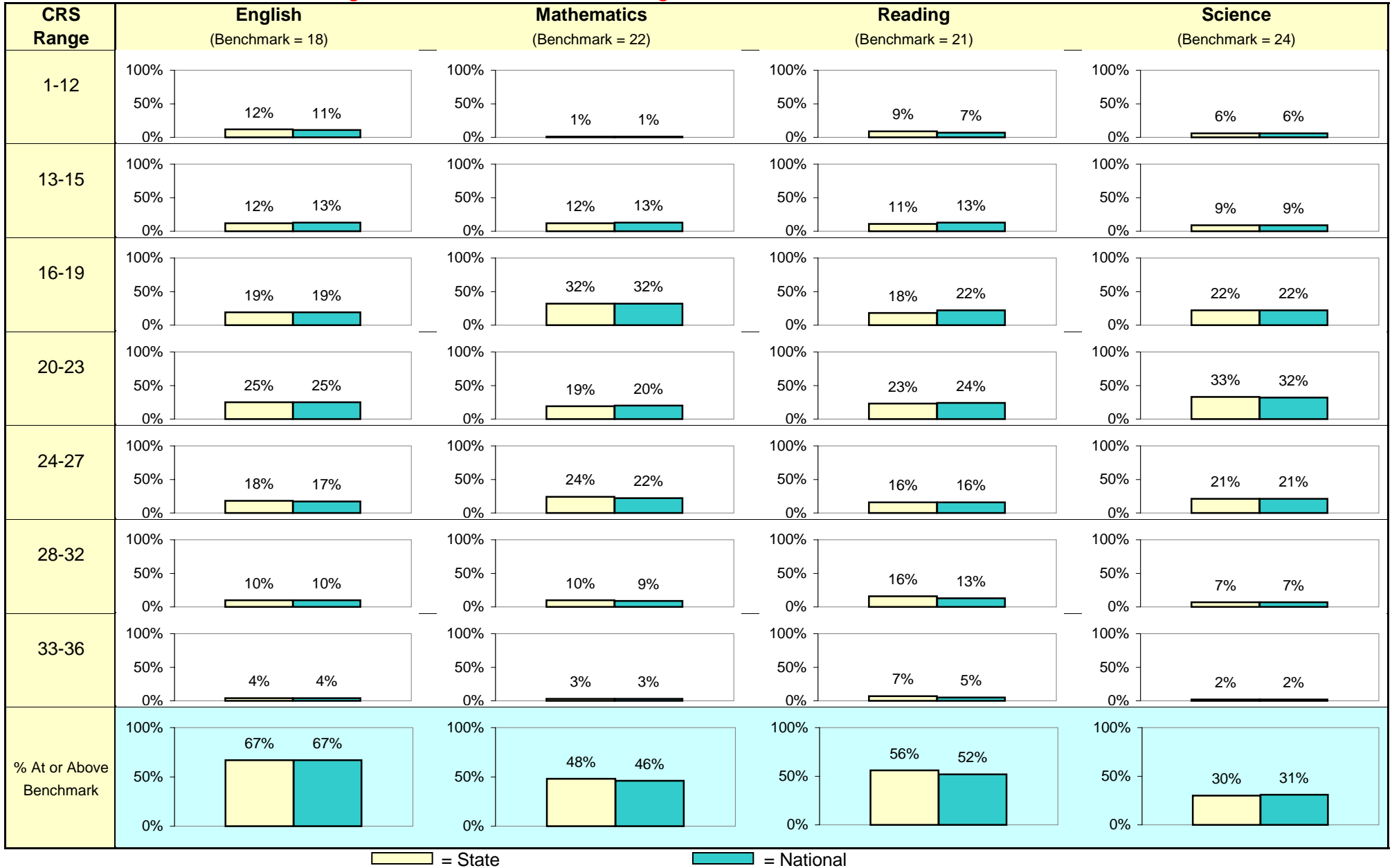
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	2,047	100	21.2	2,254	100	21.0	2,228	100	21.1	3,022	100	21.2	2,598	100	21.2
Black/African American	57	3	18.7	65	3	19.2	72	3	16.7	120	4	18.5	79	3	17.8
American Indian/Alaska Native	266	13	17.1	337	15	17.2	351	16	17.0	280	9	17.1	315	12	15.5
White	1,033	50	23.3	1,235	55	23.2	1,214	54	23.5	1,610	53	23.2	1,413	54	23.1
Hispanic/Latino	54	3	19.9	65	3	20.5	50	2	20.3	133	4	20.5	142	5	20.3
Asian	119	6	21.0	130	6	20.9	152	7	21.0	230	8	19.9	159	6	20.0
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	15	0	17.7	33	1	16.6
Two or more races	51	2	22.3	62	3	21.7	59	3	22.1	226	7	20.8	246	9	21.5
Prefer not to respond/No response	467	23	19.1	360	16	17.5	330	15	17.7	408	14	18.1	211	8	19.7

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

Total Students in Report: 2,598

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



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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: 2,598

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	6	100	7	100	25	100	9	100	1	100	36
35	26	100	12	100	27	99	8	100	4	100	35
34	34	99	17	99	52	98	18	99	12	100	34
33	33	97	33	99	69	96	13	99	29	99	33
32	39	96	34	97	74	93	27	98	36	98	32
31	49	95	26	96	84	90	30	97	51	97	31
30	48	93	53	95	76	87	36	96	54	95	30
29	60	91	61	93	100	84	32	95	75	93	29
28	60	89	83	91	93	80	67	93	103	90	28
27	71	86	119	87	86	77	101	91	82	86	27
26	95	84	164	83	81	74	91	87	130	83	26
25	120	80	167	77	84	70	161	83	137	78	25
24	183	75	185	70	166	67	184	77	166	73	24
23	128	68	151	63	115	61	203	70	174	66	23
22	165	63	134	57	151	56	207	62	169	59	22
21	190	57	87	52	179	51	213	54	168	53	21
20	163	50	114	49	164	44	225	46	190	46	20
19	154	43	125	44	100	37	141	37	159	39	19
18	115	37	198	39	157	34	173	32	170	33	18
17	113	33	215	32	102	28	128	25	138	26	17
16	116	29	284	24	101	24	126	20	129	21	16
15	134	24	192	13	89	20	103	16	97	16	15
14	102	19	92	5	87	16	68	12	110	12	14
13	71	15	25	2	103	13	72	9	88	8	13
12	57	12	12	1	96	9	47	6	68	5	12
11	64	10	3	1	43	5	51	4	36	2	11
10	68	8	2	1	48	4	24	2	13	1	10
9	40	5	0	1	19	2	24	2	4	1	9
8	51	4	0	1	8	1	6	1	4	1	8
7	27	2	1	1	7	1	6	1	1	1	7
6	6	1	1	1	6	1	3	1	0	1	6
5	8	1	0	1	3	1	0	1	0	1	5
4	1	1	1	1	0	1	1	1	0	1	4
3	1	1	0	1	3	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)	20.3 (6.5)		21.3 (5.3)		21.8 (6.7)		20.8 (5.3)		21.2 (5.4)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Total Students in Report: 2,598

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	80	100	24	100	88	100	103	100	95	100	18	100	34	100	18
17	104	97	31	99	143	97	155	96	117	96	16	99	4	99	17
16	105	93	149	98	196	91	173	90	89	92	82	99	86	99	16
15	98	89	152	92	134	84	182	83	155	88	109	96	183	95	15
14	156	85	188	86	166	78	224	76	198	82	270	91	225	88	14
13	115	79	228	79	194	72	175	68	280	75	308	81	227	80	13
12	221	75	298	70	244	65	238	61	240	64	245	69	319	71	12
11	259	66	280	59	201	55	209	52	242	55	329	60	277	59	11
10	274	56	243	48	247	47	228	44	212	45	353	47	288	48	10
9	260	46	293	39	238	38	180	35	202	37	302	33	348	37	9
8	209	36	197	27	213	29	190	28	276	30	245	22	245	23	8
7	239	28	156	20	210	21	137	21	275	19	117	12	163	14	7
6	149	18	94	14	120	12	137	16	154	8	81	8	78	8	6
5	114	13	108	10	97	8	112	10	48	2	42	5	42	5	5
4	98	8	93	6	66	4	98	6	9	1	44	3	34	3	4
3	76	5	46	2	21	2	40	2	1	1	22	1	31	2	3
2	34	2	14	1	10	1	14	1	5	1	0	1	7	1	2
1	7	1	4	1	10	1	3	1	0	1	15	1	7	1	1
Avg (SD)	10.1 (3.9)		10.5 (3.5)		11.0 (3.8)		11.1 (4.0)		11.0 (3.5)		10.7 (3.0)		10.7 (3.1)		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)	24	25	27	24	25
Q2 (50th Percentile)	21	21	21	21	21
Q1 (25th Percentile)	16	17	17	17	17

Total Students in Report: 2,598

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	2,598	60	23.1	19.6
	Black/African American	79	54	19.9	15.3
	American Indian/Alaska Native	315	25	18.5	16.7
	White	1,413	71	24.1	20.9
	Hispanic/Latino	142	55	21.3	19.4
	Asian	159	69	21.2	17.2
	Native Hawaiian/Other Pac. Isl.	33	61	17.2	16.0
	Two or more races	246	61	22.6	19.7
	Prefer not/No Response	211	40	24.2	19.7
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

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	20.3	21.3	21.8	20.8	21.2
	Black/African American	16.6	18.1	18.1	17.8	17.8
	American Indian/Alaska Native	13.6	16.8	15.3	15.9	15.5
	White	22.6	22.8	24.1	22.5	23.1
	Hispanic/Latino	19.6	20.3	20.5	20.4	20.3
	Asian	18.4	21.7	19.7	19.8	20.0
	Native Hawaiian/Other Pac. Isl.	15.7	17.3	16.5	16.6	16.6
	Two or more races	20.7	21.3	22.2	21.2	21.5
	Prefer not/No Response	18.7	20.1	20.2	19.3	19.7
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

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

Total Students in Report: 2,598

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	99	4	69	3	173	7	48	2
	28 to 32	256	10	257	10	427	16	192	7
	24 to 27	469	18	635	24	417	16	537	21
	20 to 23	646	25	486	19	609	23	848	33
	16 to 19	498	19	822	32	460	18	568	22
	13 to 15	307	12	309	12	279	11	243	9
	01 to 12	323	12	20	1	233	9	162	6
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	1,110	43	19.8	22.0	21.7	21.6	21.4
	Females	1,488	57	20.7	20.8	21.8	20.3	21.0
	Missing	0	0
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	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	64	53	55	37	31
	Females	69	44	58	24	22
National	Males	64	50	51	35	29
	Females	69	42	53	27	22

Total Students in Report: 2,598

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	1,568	80	22.5	64	23.2	70	23.8	42	22.5	36	23.1
	Less than Core	695	58	18.8	30	19.3	45	20.3	15	19.5	12	19.6
	Missing ³	335	23	13.6	11	16.8	16	15.1	5	15.7	3	15.4
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

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

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

³ Zero years or no coursework information reported in one or more content areas.

⁴ Composite CRB% results reflect students who meet all four subject-area benchmarks.

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	2,180	74	21.4	2,032	59	22.6	2,130	63	22.9	1,787	39	22.2
	Less than Core	85	65	19.6	234	7	16.8	135	47	20.6	479	12	19.2
	Missing ³	333	23	13.6	332	11	16.7	333	16	15.1	332	5	15.7
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9

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.

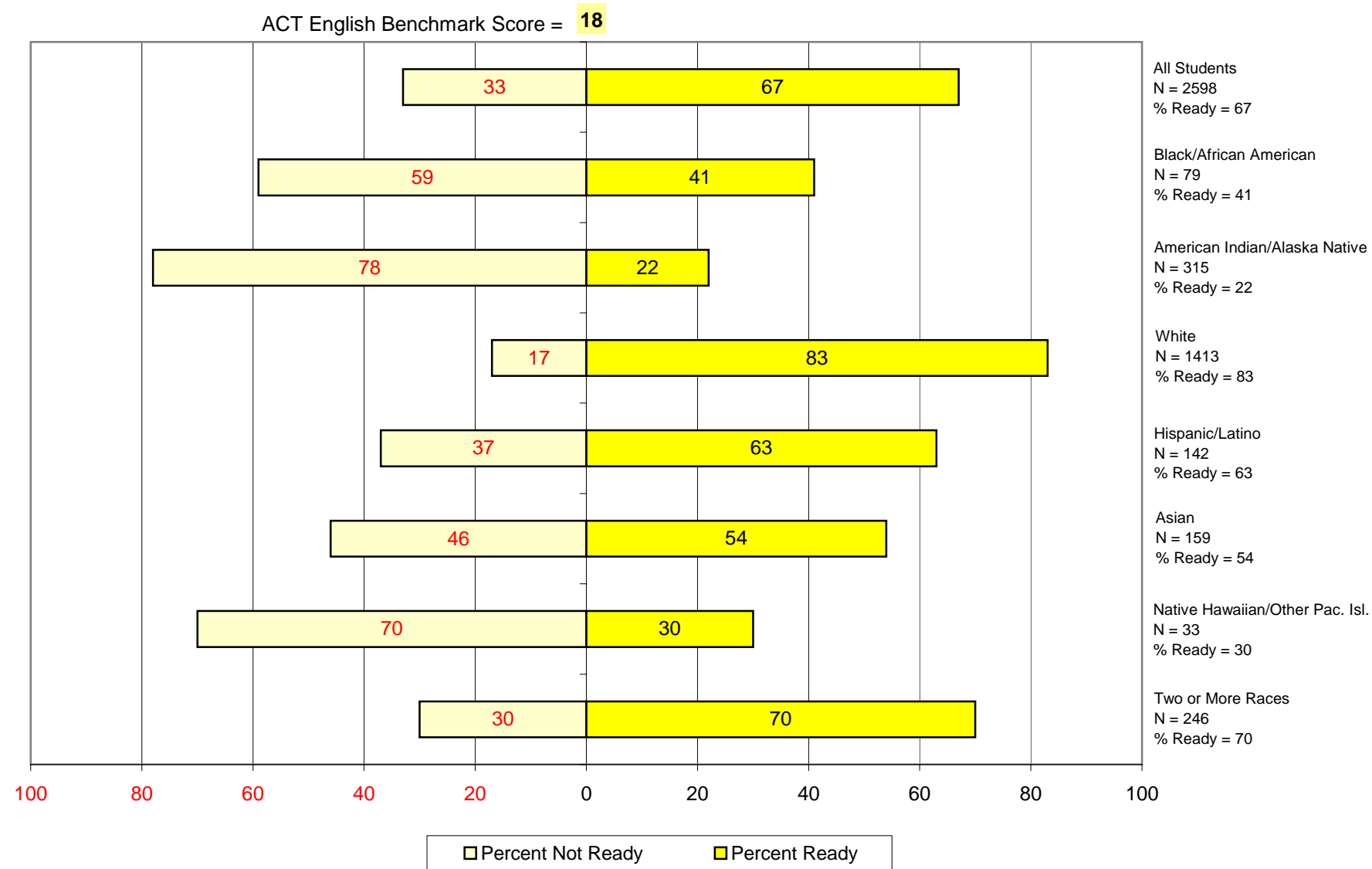
Section III

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.

Total Students in Report: 2,598

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

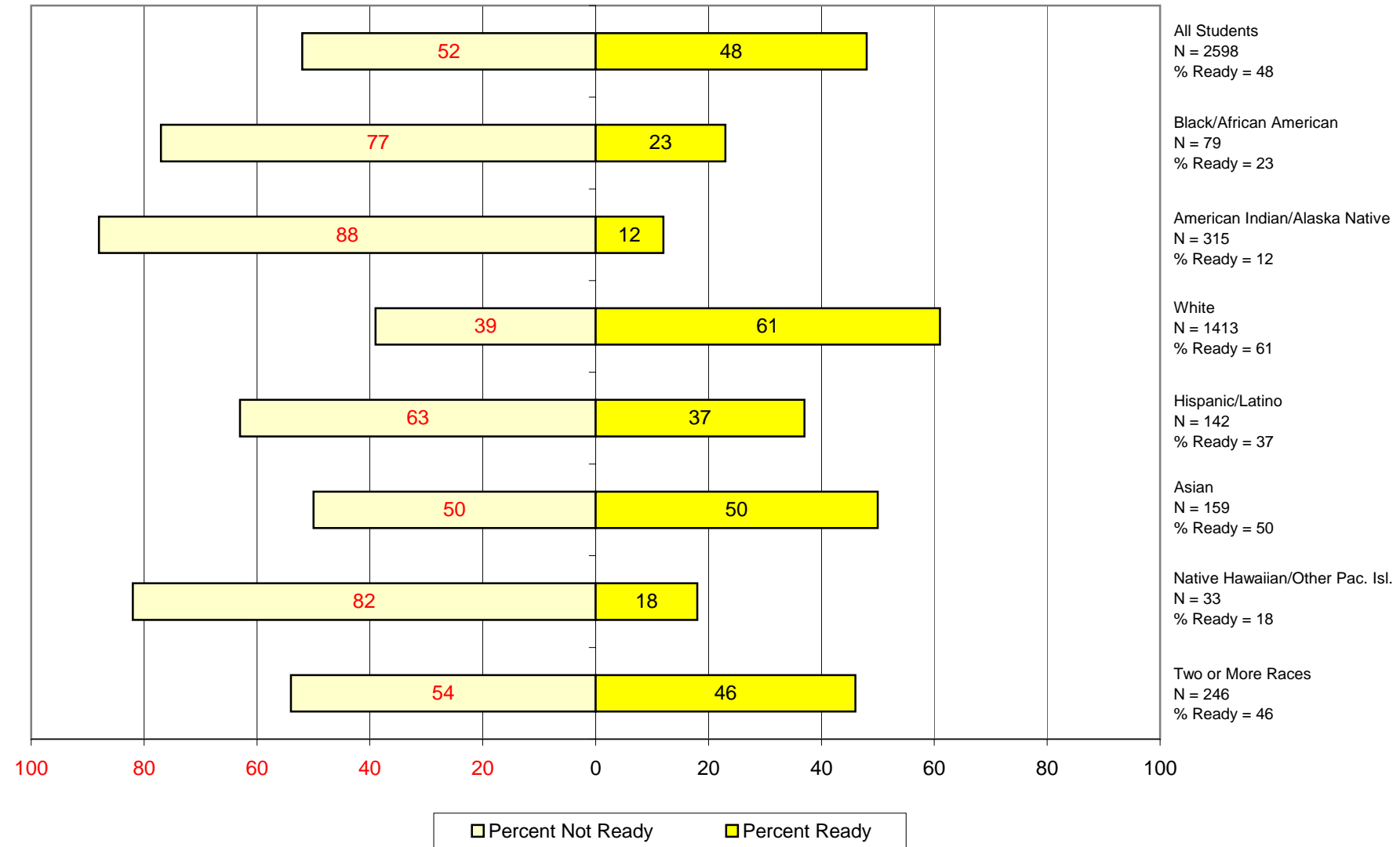


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 2,598

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

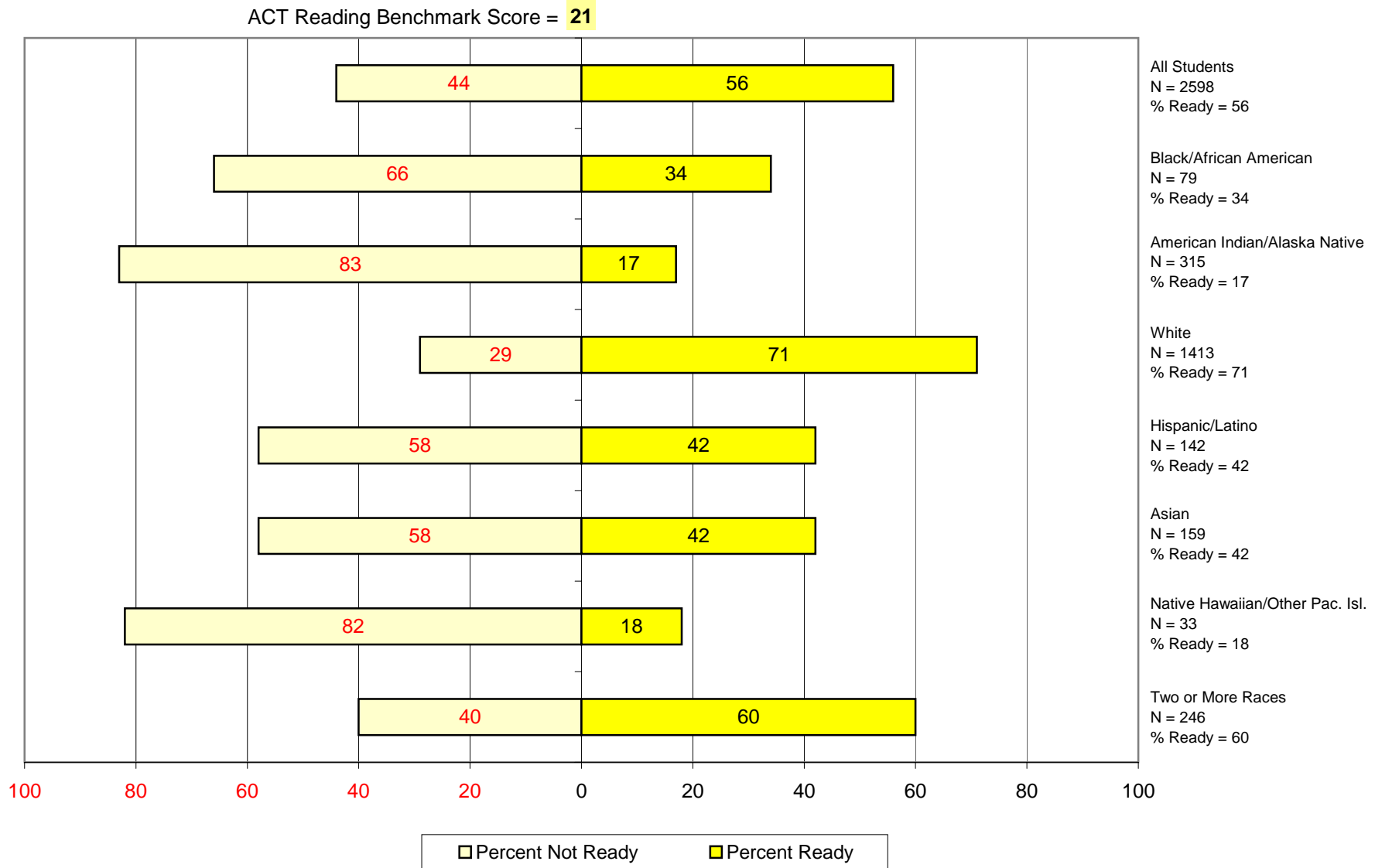
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 2,598

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

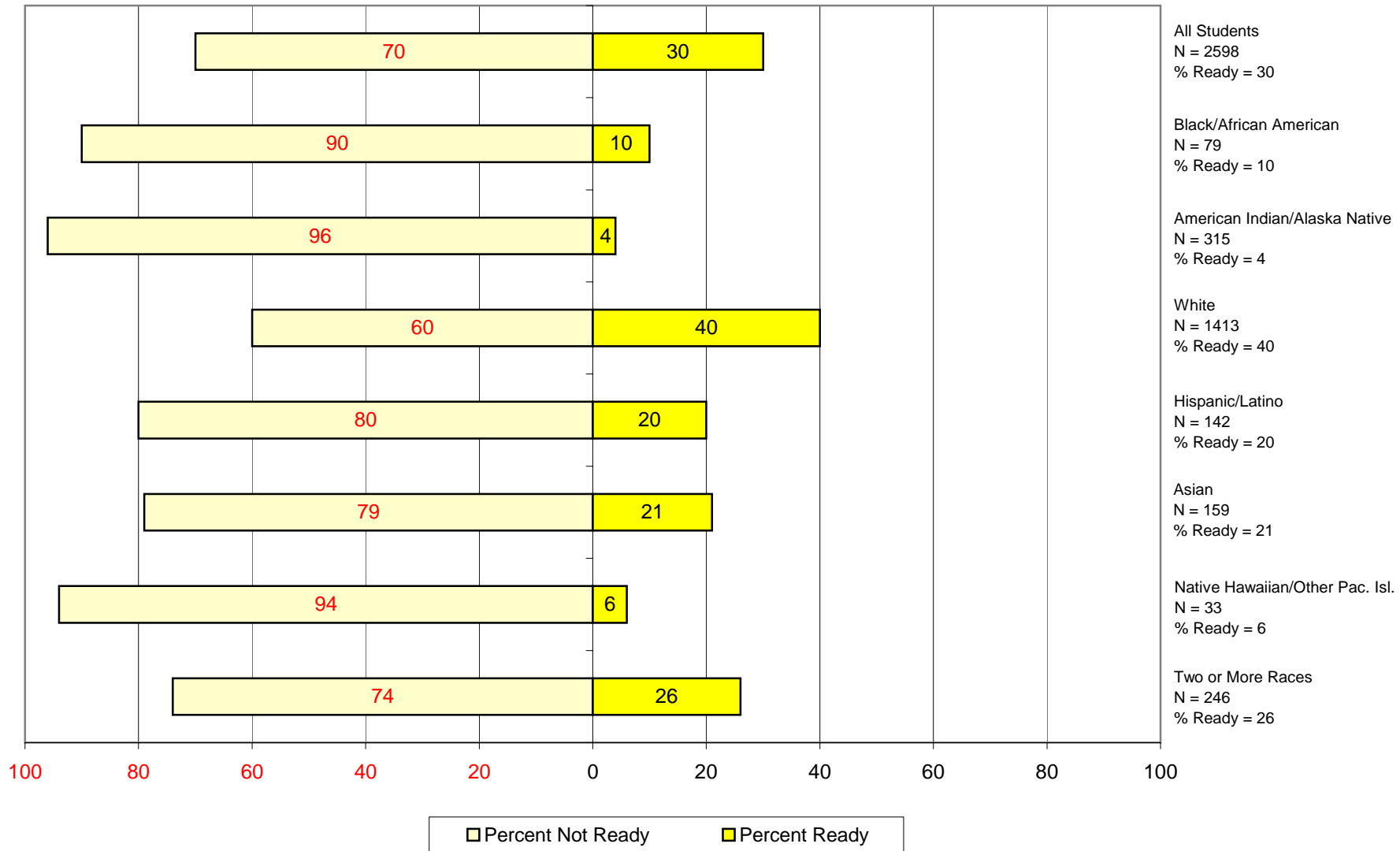


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 2,598

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

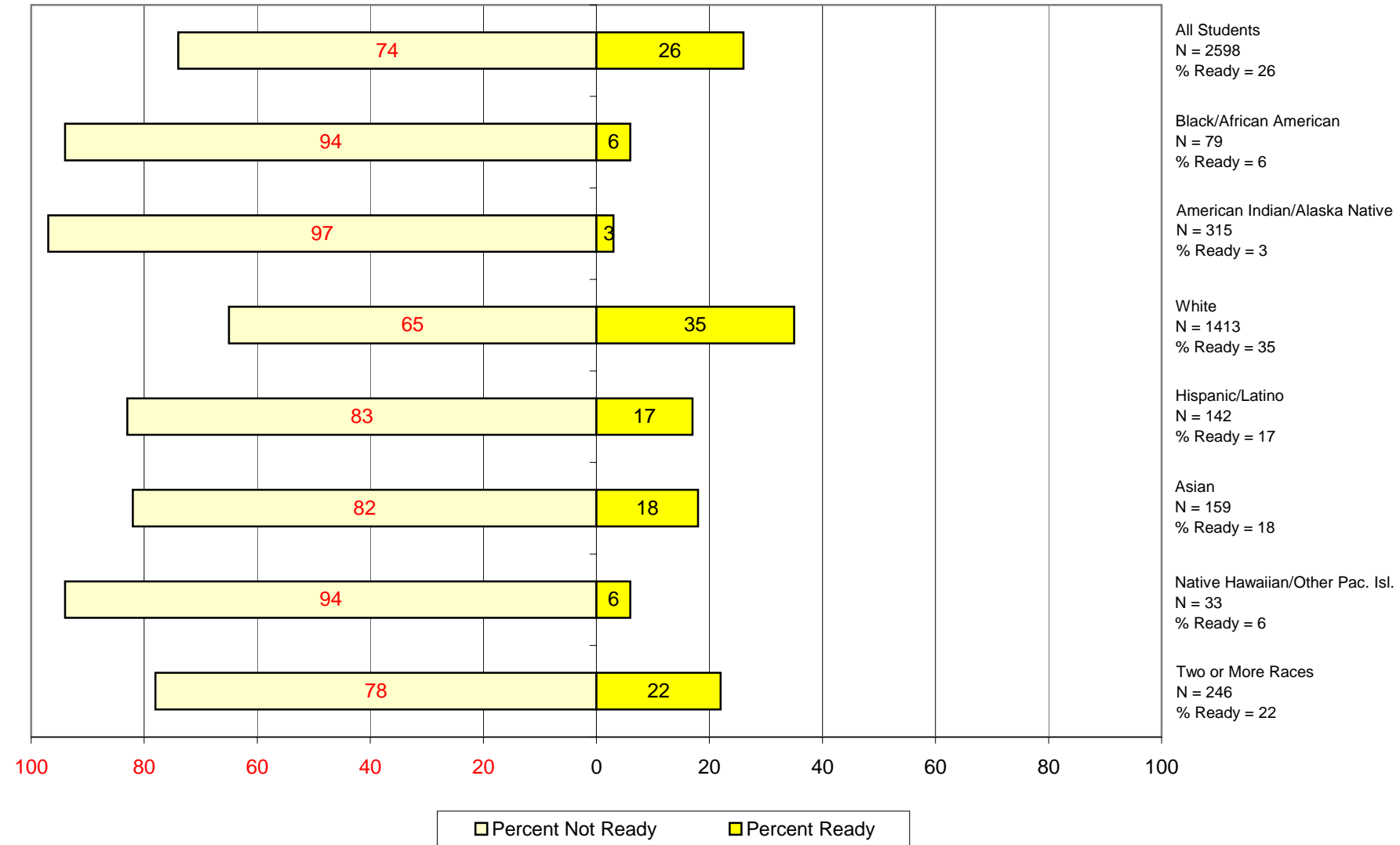
ACT Science Benchmark Score = **24**



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

Total Students in Report: 2,598

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: 2,598

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	717	28	21.2	1.6	285	26	20.9	1.0	432	29	21.5	2.1
Eng 9, Eng 10, Eng 11, Eng 12	1,463	56	21.5	1.9	638	57	21.1	1.2	825	55	21.8	2.4
Less than 4 years of English	85	3	19.6	-	33	3	19.9	-	52	3	19.4	-
Zero years / no English courses reported	333	13	13.6	-	154	14	12.8	-	179	12	14.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	199	8	25.9	9.1	94	8	26.7	9.6	105	7	25.2	8.6
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	252	10	22.9	6.1	82	7	22.8	5.7	170	11	22.9	6.3
Alg 1, Alg 2, Geom, & Trig	134	5	21.5	4.7	49	4	22.1	5.0	85	6	21.2	4.6
Alg 1, Alg 2, Geom, & Other Adv Math	219	8	21.0	4.2	81	7	21.7	4.6	138	9	20.6	4.0
Other comb of 4 or more years of Math	735	28	24.9	8.1	357	32	25.4	8.3	378	25	24.5	7.9
Alg 1, Alg 2, & Geom	392	15	18.3	1.5	150	14	19.1	2.0	242	16	17.8	1.2
Other comb of 3 or 3.5 years of Math	101	4	19.9	3.1	44	4	20.7	3.6	57	4	19.2	2.6
Less than 3 years of Math	234	9	16.8	-	98	9	17.1	-	136	9	16.6	-
Zero years / no Math courses reported	332	13	16.7	-	155	14	17.0	-	177	12	16.4	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	190	7	23.9	3.3	97	9	24.2	2.8	93	6	23.5	3.5
Other comb of 4 or more years Social Science	1,348	52	22.9	2.3	539	49	23.1	1.7	809	54	22.7	2.7
US Hist, World Hist, & Am Gov	112	4	24.3	3.7	46	4	24.6	3.2	66	4	24.1	4.1
Other comb of 3 or 3.5 years of Social Science	480	18	22.3	1.7	213	19	21.7	0.3	267	18	22.8	2.8
Less than 3 years of Social Science	135	5	20.6	-	61	5	21.4	-	74	5	20.0	-
Zero years / no Social Science courses reported	333	13	15.1	-	154	14	14.5	-	179	12	15.5	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	766	29	22.9	3.7	393	35	23.8	4.3	373	25	22.0	2.9
Bio, Chem, Phys	203	8	25.2	6.0	92	8	26.2	6.7	111	7	24.4	5.3
Gen Sci ² , Bio, Chem	753	29	20.9	1.7	262	24	21.3	1.8	491	33	20.6	1.5
Other comb of 3 years of Natural Science	65	3	20.6	1.4	40	4	21.2	1.7	25	2	19.6	0.5
Less than 3 years of Natural Science	479	18	19.2	-	169	15	19.5	-	310	21	19.1	-
Zero years / no Natural Science courses reported	332	13	15.7	-	154	14	15.7	-	178	12	15.7	-

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: 2,598

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	717	28	21.2	71	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	1,463	56	21.5	75	1,178,400	71	20.5	67
Less than 4 years of English	85	3	19.6	65	64,748	4	16.5	41
Zero years / no English courses reported	333	13	13.6	23	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	199	8	25.9	88	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	252	10	22.9	69	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	134	5	21.5	52	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	219	8	21.0	50	279,658	17	19.9	36
Other comb of 4 or more years of Math	735	28	24.9	76	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	392	15	18.3	19	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	101	4	19.9	32	82,509	5	19.9	35
Less than 3 years of Math	234	9	16.8	7	69,741	4	16.6	8
Zero years / no Math courses reported	332	13	16.7	11	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	190	7	23.9	67	47,179	3	22.3	59
Other comb of 4 or more years Social Science	1,348	52	22.9	63	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	112	4	24.3	75	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	480	18	22.3	58	452,172	27	21.2	51
Less than 3 years of Social Science	135	5	20.6	47	149,266	9	19.7	40
Zero years / no Social Science courses reported	333	13	15.1	16	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	766	29	22.9	45	740,499	44	21.9	39
Bio, Chem, Phys	203	8	25.2	65	171,734	10	23.0	47
Gen Sci ¹ , Bio, Chem	753	29	20.9	27	466,992	28	20.0	22
Other comb of 3 years of Natural Science	65	3	20.6	31	45,992	3	19.5	20
Less than 3 years of Natural Science	479	18	19.2	12	194,661	12	18.4	13
Zero years / no Natural Science courses reported	332	13	15.7	5	46,139	3	17.9	14

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: 2,598

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	23	1	24.2	2	1	15.5	21	1	25.0
Architecture	26	1	20.5	3	2	13.3	21	1	21.7
Area, Ethnic, & Multidisciplinary Studies	4	0	19.8	0	0	.	3	0	18.0
Arts: Visual & Performing	138	5	20.2	9	5	17.2	117	6	20.6
Business	171	7	20.0	11	6	16.4	143	7	20.5
Communications	30	1	22.4	2	1	18.5	26	1	22.7
Community, Family, & Personal Services	47	2	18.4	11	6	14.5	33	2	19.8
Computer Science & Mathematics	51	2	23.9	2	1	16.5	45	2	24.0
Education	137	5	20.2	4	2	16.5	118	6	20.5
Engineering	257	10	23.8	14	8	14.1	214	10	24.6
Engineering Technology & Drafting	31	1	20.8	2	1	17.0	27	1	21.0
English & Foreign Languages	53	2	22.2	0	0	.	43	2	22.2
Health Administration & Assisting	79	3	18.6	8	5	15.1	66	3	19.0
Health Sciences & Technologies	460	18	21.5	26	15	16.3	396	19	21.9
Philosophy, Religion, & Theology	10	0	23.5	0	0	.	9	0	23.6
Repair, Production, & Construction	66	3	16.9	27	16	16.4	30	1	17.4
Sciences: Biological & Physical	205	8	24.3	6	4	16.7	185	9	24.5
Social Sciences & Law	190	7	21.6	7	4	16.7	165	8	22.3
Undecided	476	18	20.9	32	19	16.3	347	17	21.6
No Response	141	5	17.2	3	2	19.7	31	2	20.6

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: 2,598

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	41	15.0	0	.	25	13.5	6	19.0	2	13.5
2-yr College Degree	130	16.3	2	14.0	52	13.8	37	18.8	10	19.0
Bachelors Degree	1,246	20.6	38	17.3	153	15.9	711	22.1	71	19.6
Graduate Study	359	24.3	10	20.6	17	18.4	250	24.9	15	24.1
Prof. Level Degree	436	24.2	16	18.7	23	18.7	271	25.3	30	22.4
Other	42	18.3	3	18.0	12	13.7	17	22.5	0	.
No Response	344	19.2	10	16.1	33	15.0	121	22.3	14	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	41	15.0	0	.	1	17.0	4	19.8	3	13.7
2-yr College Degree	130	16.3	7	16.7	1	14.0	16	18.1	5	15.4
Bachelors Degree	1,246	20.6	77	18.7	16	17.3	120	20.7	60	21.1
Graduate Study	359	24.3	18	22.3	2	16.5	29	24.5	18	25.1
Prof. Level Degree	436	24.2	28	23.3	4	16.5	44	25.0	20	24.7
Other	42	18.3	3	16.3	2	13.0	5	18.8	0	.
No Response	344	19.2	26	20.0	7	16.6	28	18.8	105	17.4

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

Total Students in Report: 2,598

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 ALASKA ANCHORAGE	Alaska	664	375	289	8	18	29	25	16	4	0
UNIVERSITY OF ALASKA FAIRBANKS	Alaska	545	299	246	8	17	24	22	18	9	1
UNIVERSITY OF ALASKA SOUTHEAST	Alaska	118	27	91	15	24	28	22	6	4	1
UNIVERSITY OF WASHINGTON	Washington	67	12	55	0	15	22	19	18	25	0
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	66	22	44	0	3	12	24	30	27	3
NCAA ELIGIBILITY CENTER	Indiana	52	23	29	2	2	17	35	19	17	8
BRIGHAM YOUNG UNIVERSITY	Utah	49	37	12	0	4	16	35	16	29	0
KUSKOKWIM COLLEGE	Alaska	49	17	32	33	51	16	0	0	0	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	46	12	34	2	4	15	39	20	20	0
WASHINGTON STATE UNIVERSITY	Washington	43	6	37	0	0	14	23	30	26	7
ALASKA PACIFIC UNIVERSITY	Alaska	39	11	28	15	10	31	23	13	8	0
UNIVERSITY OF OREGON	Oregon	39	10	29	0	5	10	23	31	28	3
OREGON STATE UNIVERSITY	Oregon	34	5	29	3	0	15	15	29	32	6
BOISE STATE UNIVERSITY	Idaho	32	12	20	0	6	31	31	19	13	0
FORT LEWIS COLLEGE	Colorado	32	13	19	3	28	41	22	6	0	0
NORTHERN ARIZONA UNIVERSITY	Arizona	32	7	25	3	3	16	38	25	13	3
UNIVERSITY OF IDAHO	Idaho	32	7	25	0	0	34	25	31	9	0
STANFORD UNIVERSITY	California	30	7	23	0	0	3	7	27	47	17
WESTERN WASHINGTON UNIVERSITY	Washington	30	6	24	0	0	13	23	33	27	3
COLORADO STATE UNIVERSITY	Colorado	29	8	21	0	0	10	28	24	38	0
GONZAGA UNIVERSITY	Washington	24	2	22	13	25	4	13	13	25	8
MATANUSKA-SUSITNA COLLEGE/UAA	Alaska	24	10	14	4	21	29	25	17	4	0
UNIV OF COLORADO-BOULDER	Colorado	23	4	19	0	0	0	22	39	30	9
ARIZONA STATE UNIVERSITY	Arizona	22	2	20	0	9	23	27	27	9	5
UNIVERSITY OF MONTANA	Montana	22	6	16	0	0	32	23	23	23	0
EASTERN WASHINGTON UNIVERSITY	Washington	21	4	17	5	5	43	29	14	5	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	20	2	18	5	15	25	30	15	10	0
UNIVERSITY OF ARIZONA	Arizona	19	7	12	0	0	11	47	16	21	5
UNIV OF TEXAS AT AUSTIN	Texas	18	3	15	0	6	11	28	28	22	6
COLORADO SCHOOL OF MINES	Colorado	17	5	12	0	0	6	6	24	41	24
All Other Institutions		1,770	494	1,276	1	8	20	26	23	17	4
Total		4,008	1,455	2,553	4	12	22	25	20	14	3

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: 2,598

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	1,689	931,148	21.3	21.5	7.0	7.1	20.5	20.7
Black/African American	58	113,247	16.6	16.6	6.2	6.2	16.3	16.4
American Indian/Alaska Native	180	5,233	14.0	17.8	5.6	6.5	13.9	17.5
White	957	518,974	23.4	23.2	7.3	7.2	22.4	22.1
Hispanic/Latino	96	150,249	20.6	18.5	7.1	6.8	20.1	18.3
Asian	102	53,381	19.7	23.7	6.8	7.6	19.2	22.8
Native Hawaiian/Other Pac. Isl.	24	2,851	16.6	19.9	6.6	7.1	16.8	19.6
Two or more races	175	32,346	21.1	21.9	6.7	7.1	20.1	21.1
Prefer not/No Response	97	54,867	22.0	21.8	7.1	7.1	21.1	21.0
Males	701	413,617	20.8	21.2	6.7	6.8	19.9	20.3
Females	988	515,745	21.7	21.7	7.2	7.2	21.0	21.1
Missing	0	1,786	.	16.8	.	6.3	.	16.6

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

