

ACT Profile Report - State

Graduating Class 2011
Alaska



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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.

Total Students in Report: 3,022

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

25% 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: 3,022 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. 56% 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, 9% were college ready. 15% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 21% of these students were college ready. In comparison, 69% 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 17% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 38% 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 44% 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.

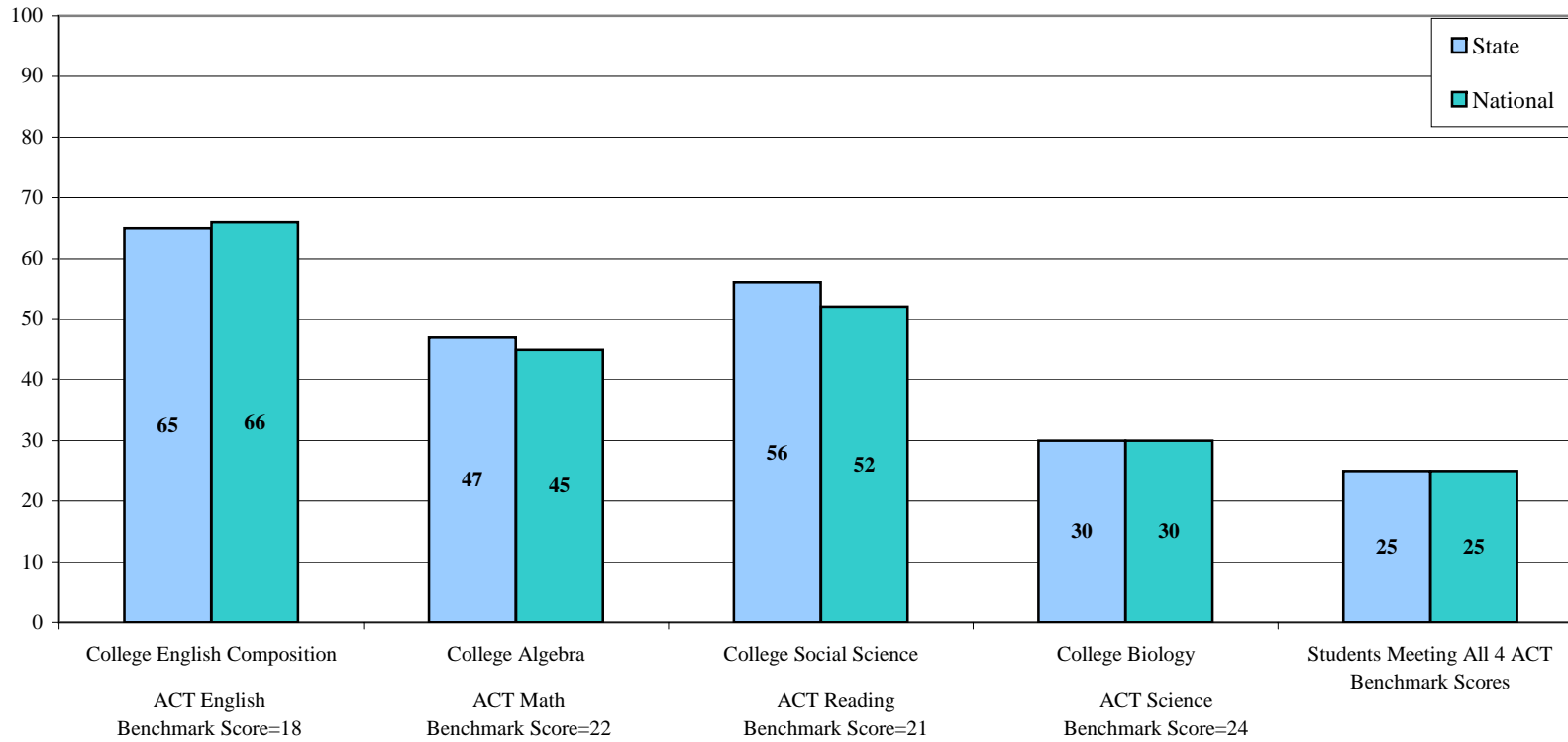
Section I

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: 3,022

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: 3,022

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	2,106	1,300,599	65	69	47	43	55	53	31	28	26	23
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

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	2,106	1,300,599	20.1	20.7	21.3	21.0	21.8	21.5	21.0	21.0	21.2	21.2
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

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: 3,022

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	742	660	35	31	23.5	20.2	24.1	20.8	24.9	22.3	23.5	21.0	24.1	21.2
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

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.

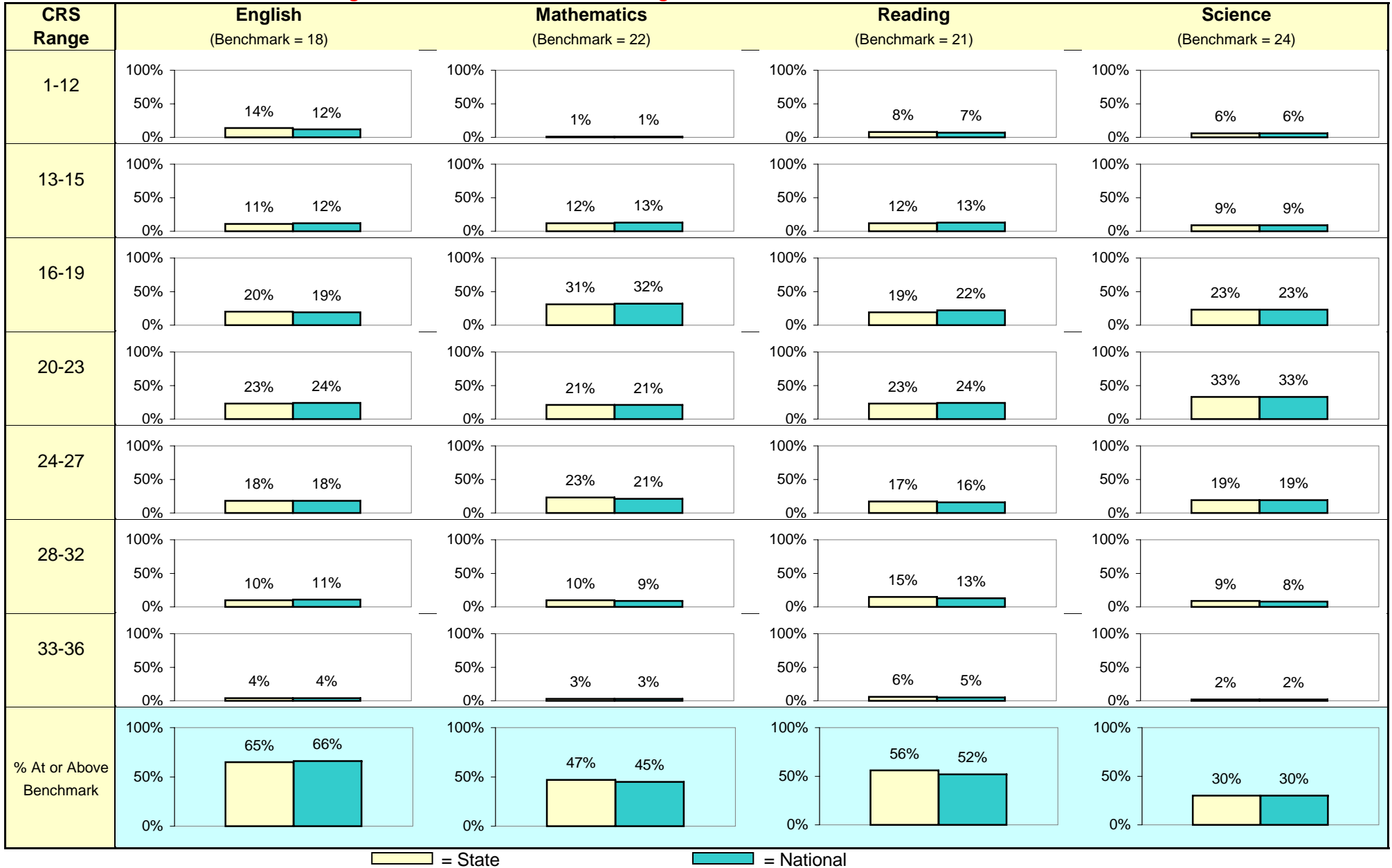
Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity¹

	2007			2008			2009			2010			2011		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	2,106	100	21.2	2,047	100	21.2	2,254	100	21.0	2,228	100	21.1	3,022	100	21.2
Black/African American	88	4	18.2	57	3	18.7	65	3	19.2	72	3	16.7	120	4	18.5
American Indian/Alaska Native	217	10	17.3	266	13	17.1	337	15	17.2	351	16	17.0	280	9	17.1
White	973	46	23.4	1,033	50	23.3	1,235	55	23.2	1,214	54	23.5	1,610	53	23.2
Hispanic/Latino	39	2	20.8	54	3	19.9	65	3	20.5	50	2	20.3	133	4	20.5
Asian	108	5	21.0	119	6	21.0	130	6	20.9	152	7	21.0	230	8	19.9
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	15	0	17.7
Two or more races	41	2	22.5	51	2	22.3	62	3	21.7	59	3	22.1	226	7	20.8
Prefer not to respond/No response	640	30	19.5	467	23	19.1	360	16	17.5	330	15	17.7	408	14	18.1

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

Total Students in Report: 3,022

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: 3,022

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	8	100	33	100	7	100	1	100	36
35	42	100	20	100	29	99	15	100	11	100	35
34	41	98	28	99	53	98	4	99	16	100	34
33	30	97	38	98	78	96	29	99	30	99	33
32	55	96	40	97	60	94	24	98	37	98	32
31	42	94	45	96	92	92	44	97	51	97	31
30	59	93	70	94	82	89	54	96	70	95	30
29	73	91	46	92	91	86	64	94	91	93	29
28	72	88	111	90	122	83	95	92	101	90	28
27	112	86	140	87	105	79	87	89	123	86	27
26	127	82	165	82	129	75	141	86	142	82	26
25	145	78	157	76	135	71	123	81	177	78	25
24	164	73	220	71	135	67	218	77	179	72	24
23	145	68	161	64	178	62	242	70	190	66	23
22	201	63	185	59	182	56	189	62	198	60	22
21	200	57	146	53	187	50	293	56	224	53	21
20	149	50	136	48	158	44	260	46	188	46	20
19	153	45	162	43	166	39	208	37	182	39	19
18	162	40	178	38	147	33	194	31	190	33	18
17	119	35	231	32	138	28	156	24	159	27	17
16	170	31	351	24	118	24	126	19	151	22	16
15	126	25	206	13	138	20	95	15	144	17	15
14	126	21	120	6	115	15	86	12	135	12	14
13	95	17	33	2	99	12	83	9	111	8	13
12	83	14	13	1	103	8	60	6	63	4	12
11	77	11	9	1	76	5	70	4	32	2	11
10	92	8	2	1	24	2	29	2	18	1	10
9	53	5	0	1	18	2	16	1	6	1	9
8	61	3	1	1	11	1	7	1	1	1	8
7	28	1	0	1	6	1	1	1	0	1	7
6	6	1	0	1	6	1	0	1	1	1	6
5	7	1	0	1	4	1	0	1	0	1	5
4	1	1	0	1	1	1	0	1	0	1	4
3	0	1	0	1	2	1	1	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	1	1	0	1	1
Avg (SD)	20.3 (6.6)		21.4 (5.3)		21.7 (6.6)		21.0 (5.2)		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: 3,022

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	103	100	41	100	92	100	123	100	116	100	21	100	52	100	18
17	108	97	18	99	135	97	224	96	106	96	37	99	20	98	17
16	145	93	173	98	221	92	215	89	169	93	79	98	98	98	16
15	139	88	222	92	187	85	174	81	220	87	123	95	180	94	15
14	168	84	180	85	176	79	208	76	209	80	278	91	280	88	14
13	163	78	277	79	201	73	270	69	278	73	357	82	282	79	13
12	236	73	321	70	286	67	238	60	229	64	263	70	346	70	12
11	264	65	319	59	240	57	261	52	302	56	427	62	323	58	11
10	331	56	305	49	318	49	280	43	246	46	379	48	452	48	10
9	257	45	323	39	268	39	193	34	208	38	408	35	372	33	9
8	206	37	242	28	322	30	196	28	354	31	220	22	240	20	8
7	254	30	163	20	196	19	136	21	345	19	190	14	168	12	7
6	200	21	118	14	159	13	202	17	159	8	95	8	44	7	6
5	168	15	125	11	100	7	143	10	53	3	67	5	93	5	5
4	126	9	125	6	53	4	90	5	23	1	34	3	23	2	4
3	118	5	55	2	34	2	42	2	3	1	30	1	27	2	3
2	31	1	15	1	20	1	24	1	2	1	3	1	18	1	2
1	5	1	0	1	14	1	3	1	0	1	11	1	4	1	1
Avg (SD)	10.0 (4.0)		10.5 (3.5)		10.9 (3.8)		11.2 (4.1)		11.1 (3.5)		10.7 (3.0)		10.8 (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)	25	25	26	24	25
Q2 (50th Percentile)	21	21	21	21	21
Q1 (25th Percentile)	16	17	17	18	17

Total Students in Report: 3,022

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	3,022	56	23.2	19.9
	Black/African American	120	55	20.2	16.4
	American Indian/Alaska Native	280	30	20.7	17.4
	White	1,610	69	24.2	21.0
	Hispanic/Latino	133	59	21.2	19.6
	Asian	230	60	21.1	18.1
	Native Hawaiian/Other Pac. Isl.	15	53	18.9	16.5
	Two or more races	226	54	22.3	19.6
	Prefer not/No Response	408	22	23.2	19.6
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	20.3	21.4	21.7	21.0	21.2
	Black/African American	17.0	18.9	18.7	18.8	18.5
	American Indian/Alaska Native	15.4	18.2	17.0	17.3	17.1
	White	22.7	22.9	24.0	22.7	23.2
	Hispanic/Latino	19.8	20.7	20.7	20.4	20.5
	Asian	18.3	21.3	19.4	20.3	19.9
	Native Hawaiian/Other Pac. Isl.	15.4	19.3	18.1	17.7	17.7
	Two or more races	20.0	20.7	21.6	20.5	20.8
	Prefer not/No Response	16.6	18.8	18.3	18.3	18.1
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: 3,022

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	119	4	94	3	193	6	55	2
	28 to 32	301	10	312	10	447	15	281	9
	24 to 27	548	18	682	23	504	17	569	19
	20 to 23	695	23	628	21	705	23	984	33
	16 to 19	604	20	922	31	569	19	684	23
	13 to 15	347	11	359	12	352	12	264	9
	01 to 12	408	14	25	1	252	8	185	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	1,358	45	20.0	22.3	21.5	21.7	21.5
	Females	1,661	55	20.5	20.6	21.8	20.4	21.0
	Missing	3	0	16.0	15.7	18.3	18.3	17.0
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	64	54	56	36	30
	Females	67	43	56	25	22
National	Males	64	49	51	34	28
	Females	69	41	53	26	22

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	1,698	80	22.6	64	23.3	70	23.7	41	22.8	37	23.2
	Less than Core	811	59	18.9	32	19.7	49	20.7	19	19.6	14	19.9
	Missing ³	513	28	14.9	16	17.5	19	16.4	9	16.9	7	16.5
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	2,339	74	21.6	2,256	59	22.7	2,289	65	23.0	2,009	38	22.4
	Less than Core	188	54	18.2	262	9	17.1	236	50	20.6	514	18	19.4
	Missing ³	495	27	14.8	504	16	17.4	497	19	16.3	499	9	16.8
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.

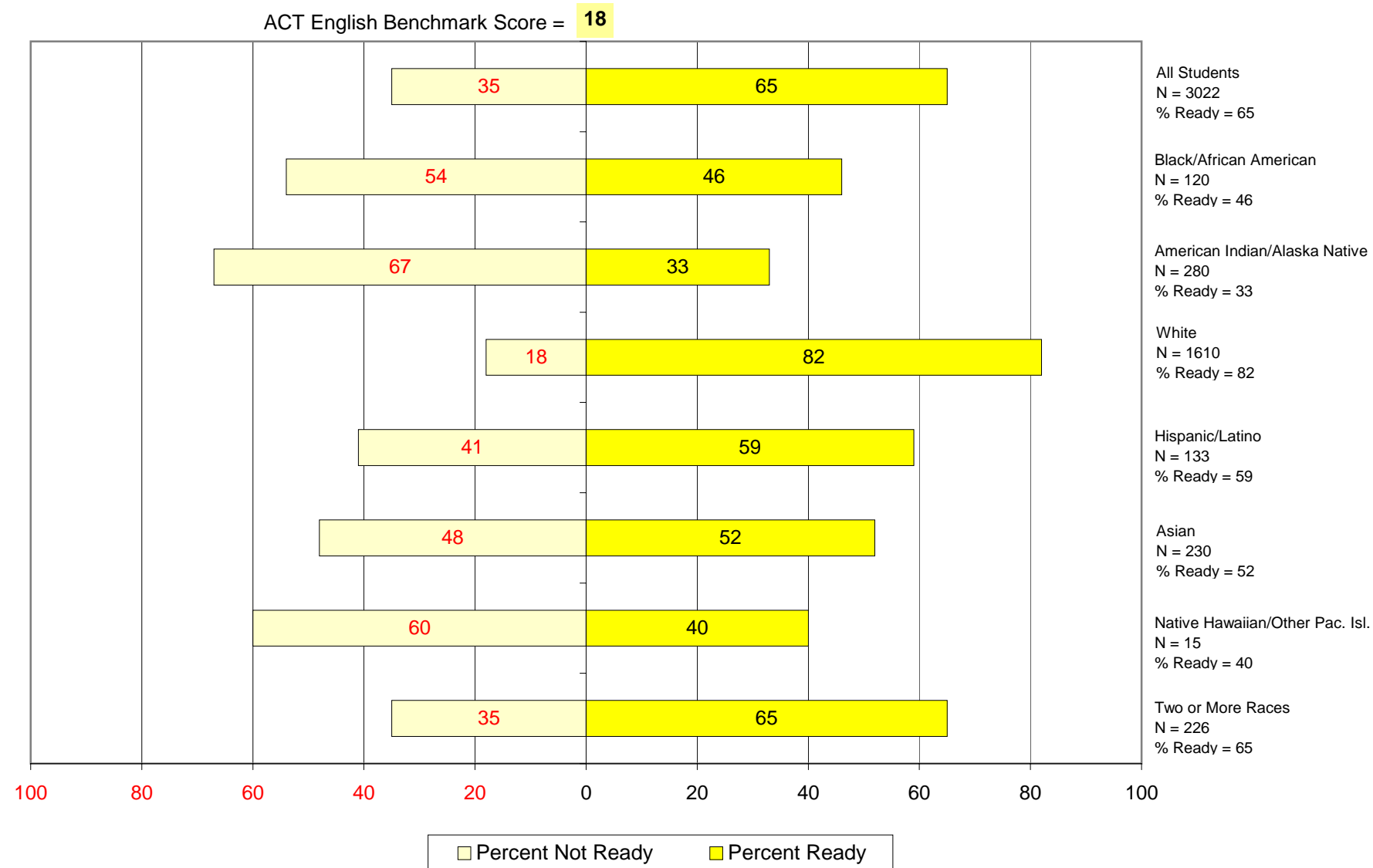
Section III

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.

Total Students in Report: 3,022

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

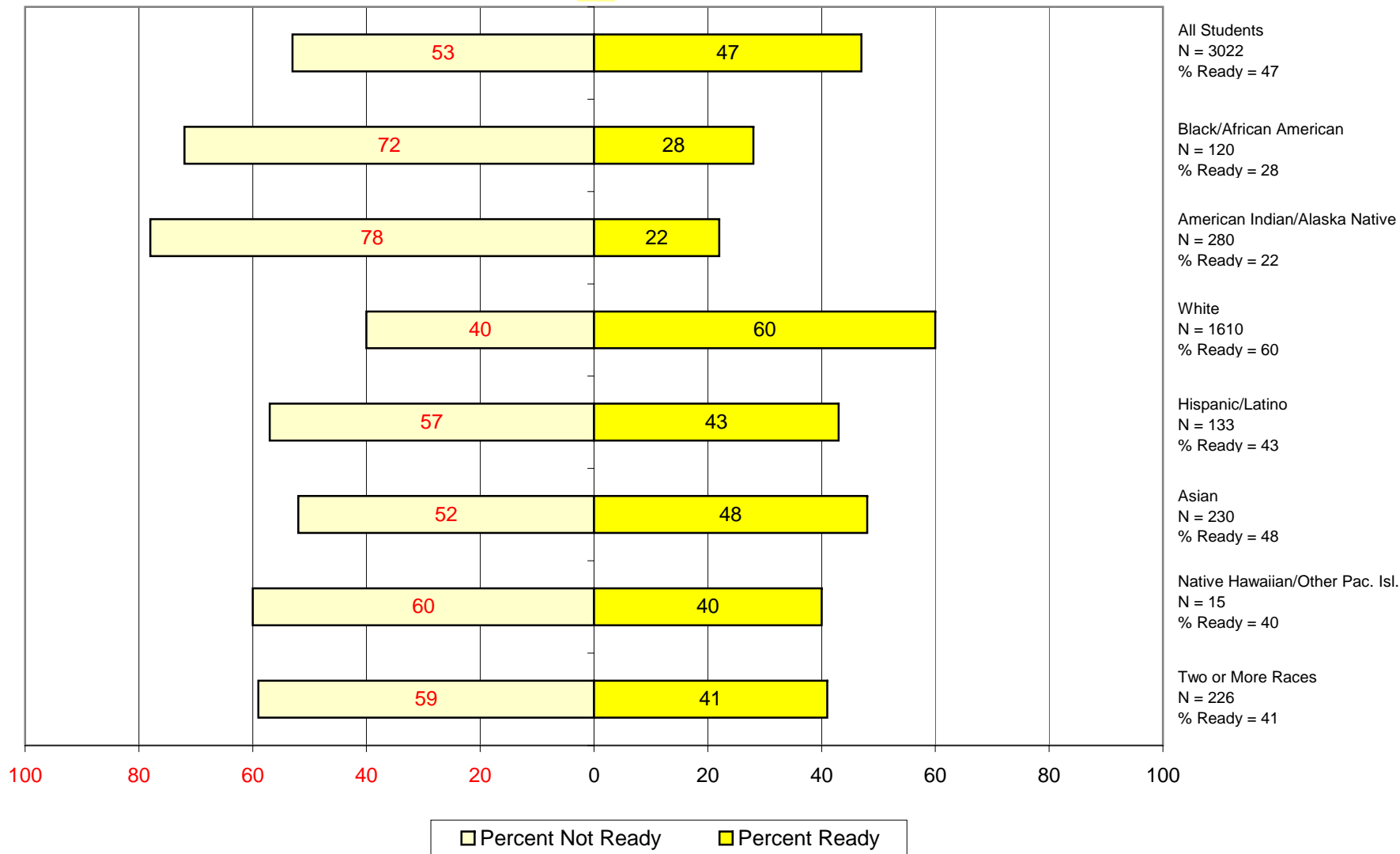


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 3,022

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

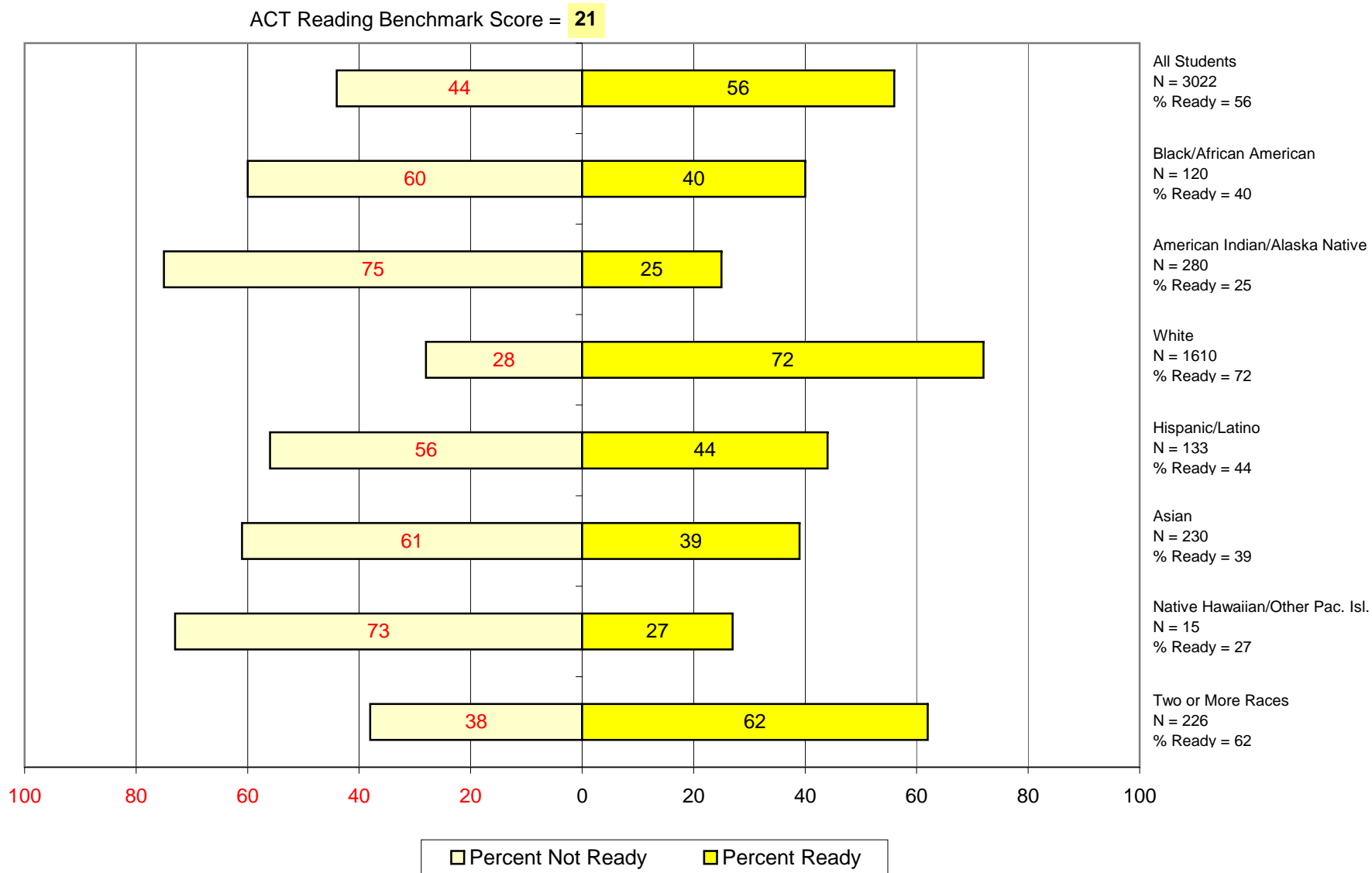
ACT Mathematics Benchmark Score = **22**



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

Total Students in Report: 3,022

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

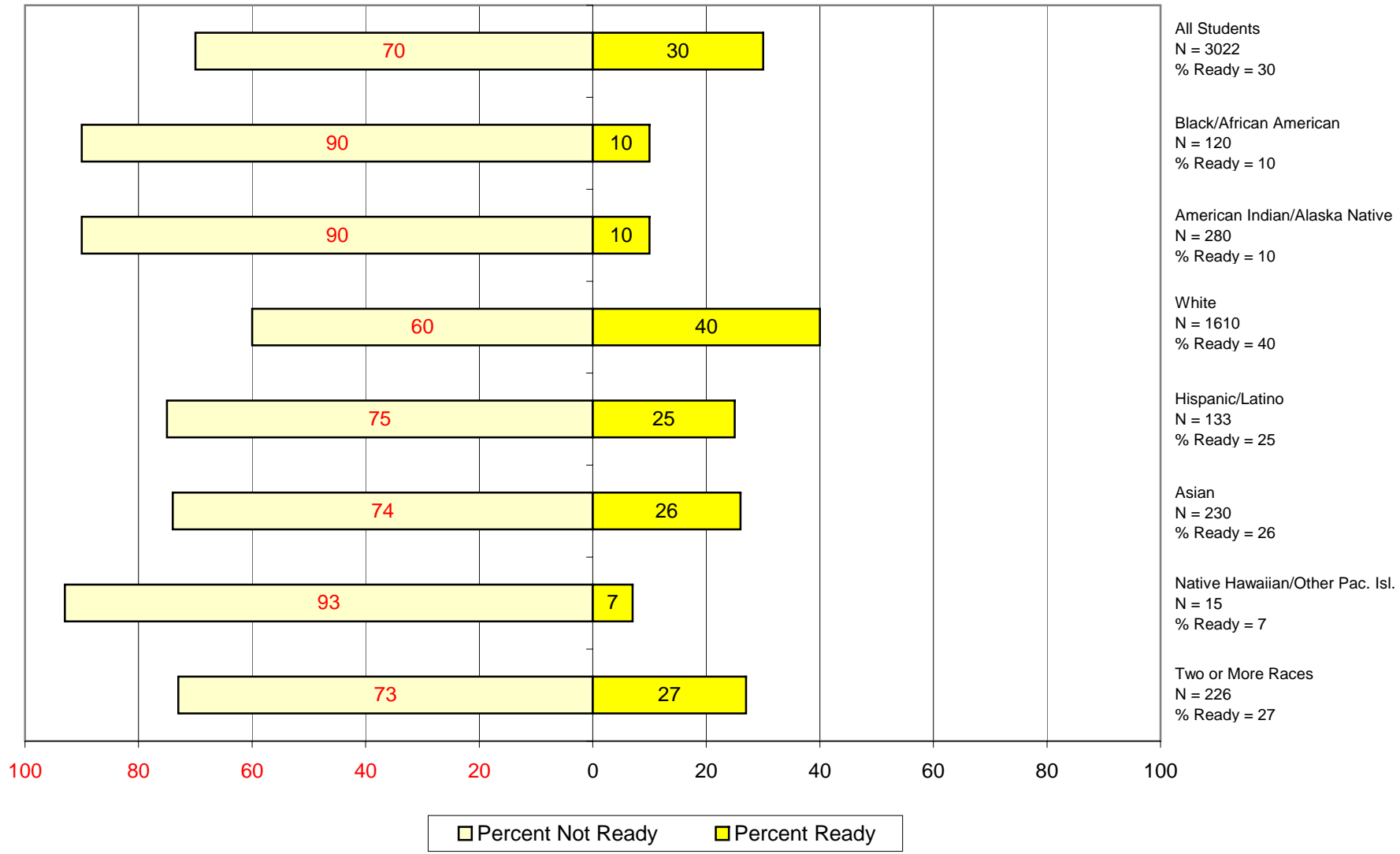


¹Refer to the section header on page 17 for a description of race/ethnicity changes.

Total Students in Report: 3,022

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

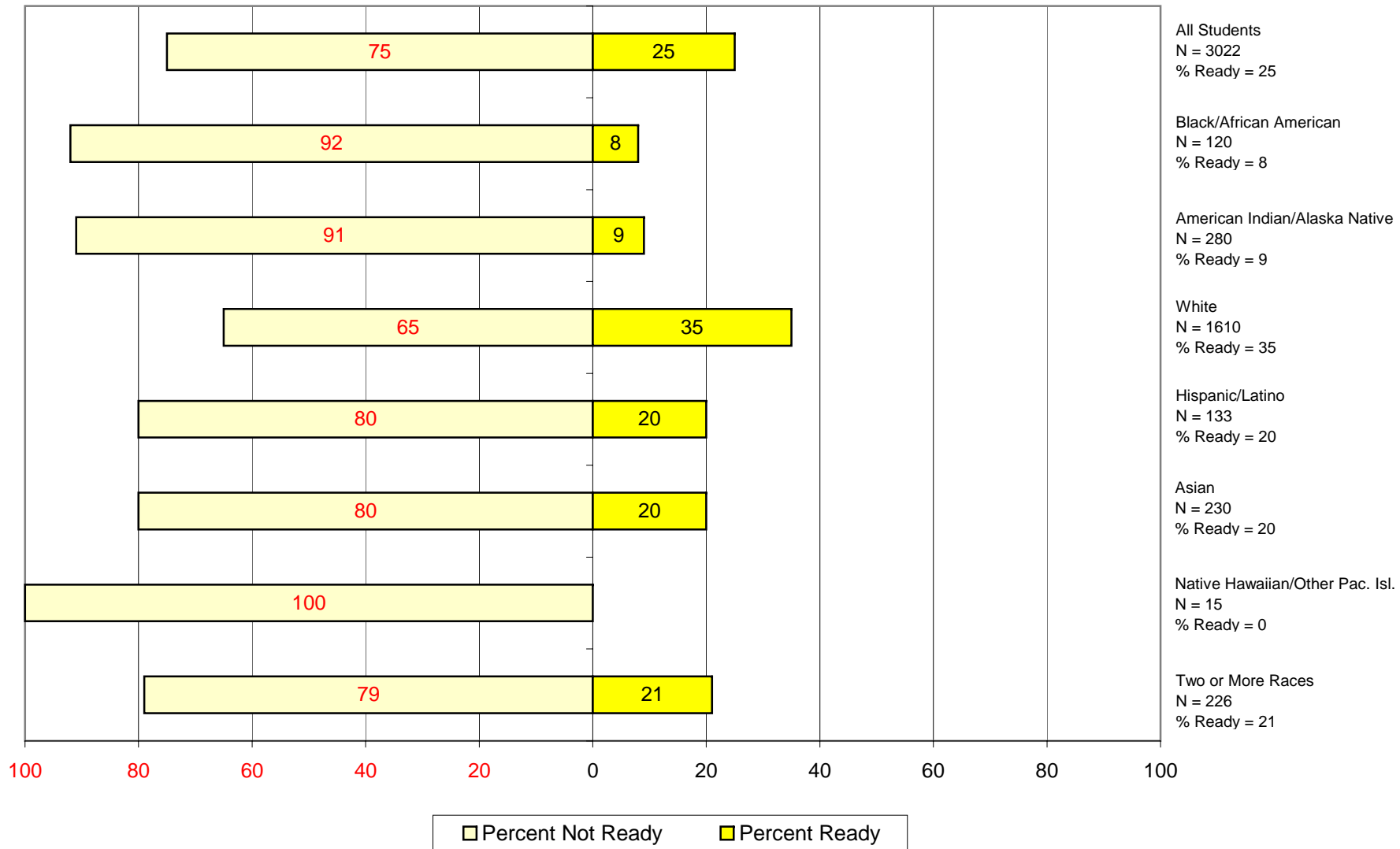
ACT Science Benchmark Score = **24**



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

Total Students in Report: 3,022

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: 3,022

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	746	25	21.5	3.3	297	22	21.7	3.0	449	27	21.3	3.4
Eng 9, Eng 10, Eng 11, Eng 12	1,593	53	21.7	3.5	762	56	21.3	2.6	831	50	22.1	4.2
Less than 4 years of English	188	6	18.2	-	75	6	18.7	-	110	7	17.9	-
Zero years / no English courses reported	495	16	14.8	-	224	16	14.1	-	271	16	15.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	230	8	25.9	8.8	106	8	26.1	8.5	124	7	25.8	9.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	264	9	22.4	5.3	98	7	22.8	5.2	166	10	22.3	5.6
Alg 1, Alg 2, Geom, & Trig	167	6	21.7	4.6	78	6	23.6	6.0	89	5	20.1	3.4
Alg 1, Alg 2, Geom, & Other Adv Math	227	8	21.0	3.9	87	6	21.9	4.3	140	8	20.4	3.7
Other comb of 4 or more years of Math	817	27	25.2	8.1	429	32	26.0	8.4	388	23	24.3	7.6
Alg 1, Alg 2, & Geom	462	15	18.5	1.4	180	13	19.1	1.5	281	17	18.2	1.5
Other comb of 3 or 3.5 years of Math	89	3	20.9	3.8	41	3	21.9	4.3	48	3	20.0	3.3
Less than 3 years of Math	262	9	17.1	-	110	8	17.6	-	150	9	16.7	-
Zero years / no Math courses reported	504	17	17.4	-	229	17	17.6	-	275	17	17.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	178	6	24.5	3.9	88	6	23.9	2.8	90	5	25.2	5.1
Other comb of 4 or more years Social Science	1,447	48	23.3	2.7	632	47	23.4	2.3	815	49	23.2	3.1
US Hist, World Hist, & Am Gov	120	4	22.1	1.5	59	4	21.1	0.0	61	4	23.2	3.1
Other comb of 3 or 3.5 years of Social Science	544	18	21.9	1.3	241	18	21.6	0.5	303	18	22.1	2.0
Less than 3 years of Social Science	236	8	20.6	-	113	8	21.1	-	120	7	20.1	-
Zero years / no Social Science courses reported	497	16	16.3	-	225	17	15.8	-	272	16	16.8	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	823	27	23.2	3.8	426	31	23.8	3.8	397	24	22.4	3.3
Bio, Chem, Phys	271	9	25.6	6.2	157	12	26.4	6.4	114	7	24.3	5.2
Gen Sci ² , Bio, Chem	840	28	20.7	1.3	295	22	20.9	0.9	544	33	20.5	1.4
Other comb of 3 years of Natural Science	75	2	21.8	2.4	39	3	22.6	2.6	36	2	20.9	1.8
Less than 3 years of Natural Science	514	17	19.4	-	215	16	20.0	-	297	18	19.1	-
Zero years / no Natural Science courses reported	499	17	16.8	-	226	17	16.7	-	273	16	16.9	-

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: 3,022

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	746	25	21.5	74	366,770	23	21.8	74
Eng 9, Eng 10, Eng 11, Eng 12	1,593	53	21.7	75	1,143,409	70	20.6	66
Less than 4 years of English	188	6	18.2	54	66,225	4	16.6	40
Zero years / no English courses reported	495	16	14.8	27	46,708	3	16.5	39
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	230	8	25.9	84	102,806	6	24.2	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	264	9	22.4	65	147,655	9	22.1	58
Alg 1, Alg 2, Geom, & Trig	167	6	21.7	54	115,939	7	19.7	34
Alg 1, Alg 2, Geom, & Other Adv Math	227	8	21.0	48	271,304	17	19.9	36
Other comb of 4 or more years of Math	817	27	25.2	76	539,241	33	23.8	66
Alg 1, Alg 2, & Geom	462	15	18.5	21	238,527	15	17.3	12
Other comb of 3 or 3.5 years of Math	89	3	20.9	48	78,953	5	19.9	35
Less than 3 years of Math	262	9	17.1	9	79,145	5	16.4	8
Zero years / no Math courses reported	504	17	17.4	16	49,542	3	18.1	21
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	178	6	24.5	72	47,284	3	22.5	59
Other comb of 4 or more years Social Science	1,447	48	23.3	67	845,170	52	21.9	56
US Hist, World Hist, & Am Gov	120	4	22.1	58	86,167	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	544	18	21.9	58	445,631	27	21.1	51
Less than 3 years of Social Science	236	8	20.6	50	149,746	9	19.7	40
Zero years / no Social Science courses reported	497	16	16.3	19	49,114	3	17.9	28
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	823	27	23.2	46	686,167	42	22.1	39
Bio, Chem, Phys	271	9	25.6	64	160,020	10	23.1	46
Gen Sci ¹ , Bio, Chem	840	28	20.7	22	476,294	29	20.1	21
Other comb of 3 years of Natural Science	75	2	21.8	36	45,296	3	19.6	20
Less than 3 years of Natural Science	514	17	19.4	18	205,148	13	18.3	12
Zero years / no Natural Science courses reported	499	17	16.8	9	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: 3,022

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	26	1	20.2	3	2	14.0	22	1	21.1
Architecture	44	1	21.3	1	1	13.0	40	2	21.8
Area, Ethnic, & Multidisciplinary Studies	5	0	23.6	1	1	18.0	4	0	25.0
Arts: Visual & Performing	157	5	21.5	14	9	18.0	131	6	21.8
Business	185	6	20.8	12	8	17.0	164	7	21.1
Communications	41	1	22.6	1	1	13.0	39	2	22.9
Community, Family, & Personal Services	82	3	19.1	11	7	17.7	68	3	19.5
Computer Science & Mathematics	58	2	22.3	2	1	14.5	52	2	22.8
Education	153	5	20.2	4	3	16.3	146	6	20.4
Engineering	284	9	23.7	13	8	14.2	255	11	24.2
Engineering Technology & Drafting	95	3	22.1	1	1	17.0	88	4	22.3
English & Foreign Languages	53	2	24.1	1	1	16.0	48	2	24.4
Health Administration & Assisting	60	2	19.5	7	4	17.4	45	2	19.8
Health Sciences & Technologies	469	16	22.0	11	7	17.2	437	19	22.1
Philosophy, Religion, & Theology	9	0	23.0	0	0	.	8	0	22.8
Repair, Production, & Construction	48	2	17.6	25	16	16.7	21	1	19.0
Sciences: Biological & Physical	198	7	24.3	1	1	21.0	187	8	24.4
Social Sciences & Law	193	6	22.6	2	1	17.5	182	8	22.7
Undecided	451	15	20.6	39	25	16.4	366	16	21.0
No Response	409	14	17.7	8	5	14.5	35	1	19.7

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: 3,022

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	42	16.3	1	22.0	17	14.8	15	18.3	2	19.5
2-yr College Degree	116	16.5	6	15.2	32	14.2	43	18.3	6	18.0
Bachelors Degree	1,269	20.6	46	17.5	135	16.6	732	22.1	65	19.1
Graduate Study	420	23.6	20	20.1	34	18.4	286	24.9	13	23.5
Prof. Level Degree	650	24.0	35	19.8	43	20.3	375	25.2	33	23.4
Other	55	18.8	2	23.0	8	15.3	24	21.8	3	16.7
No Response	470	18.6	10	15.6	11	19.1	135	22.7	11	19.2

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	42	16.3	2	13.5	0	.	3	16.3	2	11.0
2-yr College Degree	116	16.5	11	16.4	1	13.0	8	16.9	9	16.0
Bachelors Degree	1,269	20.6	89	18.6	10	18.0	116	19.9	76	19.9
Graduate Study	420	23.6	27	21.8	1	14.0	19	21.7	20	22.3
Prof. Level Degree	650	24.0	64	22.7	2	19.5	57	24.0	41	24.3
Other	55	18.8	3	16.7	0	.	6	14.2	9	17.7
No Response	470	18.6	34	18.5	1	20.0	17	20.6	251	16.4

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

Total Students in Report: 3,022

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	920	507	413	6	20	26	28	14	6	0	
UNIVERSITY OF ALASKA FAIRBANKS	Alaska	661	359	302	7	19	27	23	15	9	1	
UNIVERSITY OF WASHINGTON	Washington	133	30	103	4	8	12	24	33	18	1	
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	120	44	76	1	2	7	23	35	29	3	
UNIVERSITY OF ALASKA SOUTHEAST	Alaska	114	28	86	11	31	23	20	11	4	0	
WASHINGTON STATE UNIVERSITY	Washington	100	21	79	3	2	12	36	29	17	1	
UNIVERSITY OF OREGON	Oregon	86	19	67	3	10	12	28	36	9	1	
ALASKA PACIFIC UNIVERSITY	Alaska	73	5	68	10	18	30	22	14	7	0	
NORTHERN ARIZONA UNIVERSITY	Arizona	69	23	46	0	0	26	25	38	12	0	
OREGON STATE UNIVERSITY	Oregon	65	11	54	2	5	9	25	35	22	3	
COLORADO STATE UNIVERSITY	Colorado	64	17	47	0	2	14	33	33	16	3	
NCAA ELIGIBILITY CENTER	Indiana	56	23	33	4	5	29	30	9	18	5	
UNIVERSITY OF IDAHO	Idaho	56	11	45	2	4	20	29	30	14	2	
KUSKOKWIM COLLEGE	Alaska	55	20	35	20	47	29	4	0	0	0	
STANFORD UNIVERSITY	California	55	13	42	0	5	4	16	22	31	22	
BOISE STATE UNIVERSITY	Idaho	49	14	35	0	2	27	51	16	2	2	
UNIV OF COLORADO-BOULDER	Colorado	45	8	37	0	0	9	29	40	20	2	
BRIGHAM YOUNG UNIVERSITY	Utah	41	27	14	0	7	10	24	29	27	2	
UNIVERSITY OF MONTANA	Montana	41	9	32	2	7	20	34	24	12	0	
WESTERN WASHINGTON UNIVERSITY	Washington	41	13	28	0	5	7	41	32	15	0	
UNIVERSITY OF HAWAII AT MANOA	Hawaii	37	6	31	3	5	16	51	19	5	0	
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	35	17	18	0	9	26	31	20	14	0	
ARIZONA STATE UNIVERSITY	Arizona	33	11	22	3	9	27	45	9	6	0	
FORT LEWIS COLLEGE	Colorado	32	5	27	6	25	44	13	6	6	0	
GONZAGA UNIVERSITY	Washington	32	9	23	0	9	13	22	34	22	0	
HAWAII PACIFIC UNIVERSITY	Hawaii	31	4	27	6	13	16	29	26	6	3	
HARVARD COLLEGE	Massachusetts	30	9	21	0	0	10	20	13	43	13	
UNIVERSITY OF PORTLAND	Oregon	30	5	25	0	3	30	30	27	10	0	
DUKE UNIVERSITY	North Carolina	29	7	22	0	7	10	17	17	21	28	
SEATTLE UNIVERSITY	Washington	29	5	24	3	7	14	24	24	24	3	
All Other Institutions		2,596	650	1,946	3	10	20	25	23	15	3	
Total		5,758	1,930	3,828	4	12	21	26	21	13	2	

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: 3,022

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	1,373	905,035	22.3	21.5	7.2	7.1	21.5	20.8
Black/African American	55	112,251	16.8	16.7	6.5	6.3	16.9	16.5
American Indian/Alaska Native	86	5,519	18.3	18.4	6.8	6.5	18.1	18.0
White	856	522,234	23.8	23.2	7.4	7.3	22.7	22.2
Hispanic/Latino	70	128,599	20.3	18.4	7.1	6.8	19.9	18.2
Asian	96	51,829	20.2	23.8	7.0	7.6	19.8	22.9
Native Hawaiian/Other Pac. Isl.	8	1,332	16.0	19.7	7.3	7.2	17.1	19.5
Two or more races	113	27,722	21.0	21.6	7.0	7.0	20.4	20.8
Prefer not/No Response	89	55,549	21.8	21.3	6.9	7.0	20.8	20.5
Males	576	399,206	22.1	21.3	7.0	6.8	21.1	20.3
Females	797	503,699	22.5	21.8	7.4	7.3	21.8	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.

