

ACT Profile Report - State

Graduating Class 2013
Alaska



ACT, INC. -- CONFIDENTIAL



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This report provides information about the performance of your 2013 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 2013. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

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 who met or exceeded 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, updated for 2013, are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

28% 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: 2,724 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. 62% 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, 6% were college ready. 14% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 19% of these students were college ready. In comparison, 66% 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. 23% of these students were college ready. In comparison, 46% 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 ACT Customer Service at 319-337-1309 or customerservices@act.org.

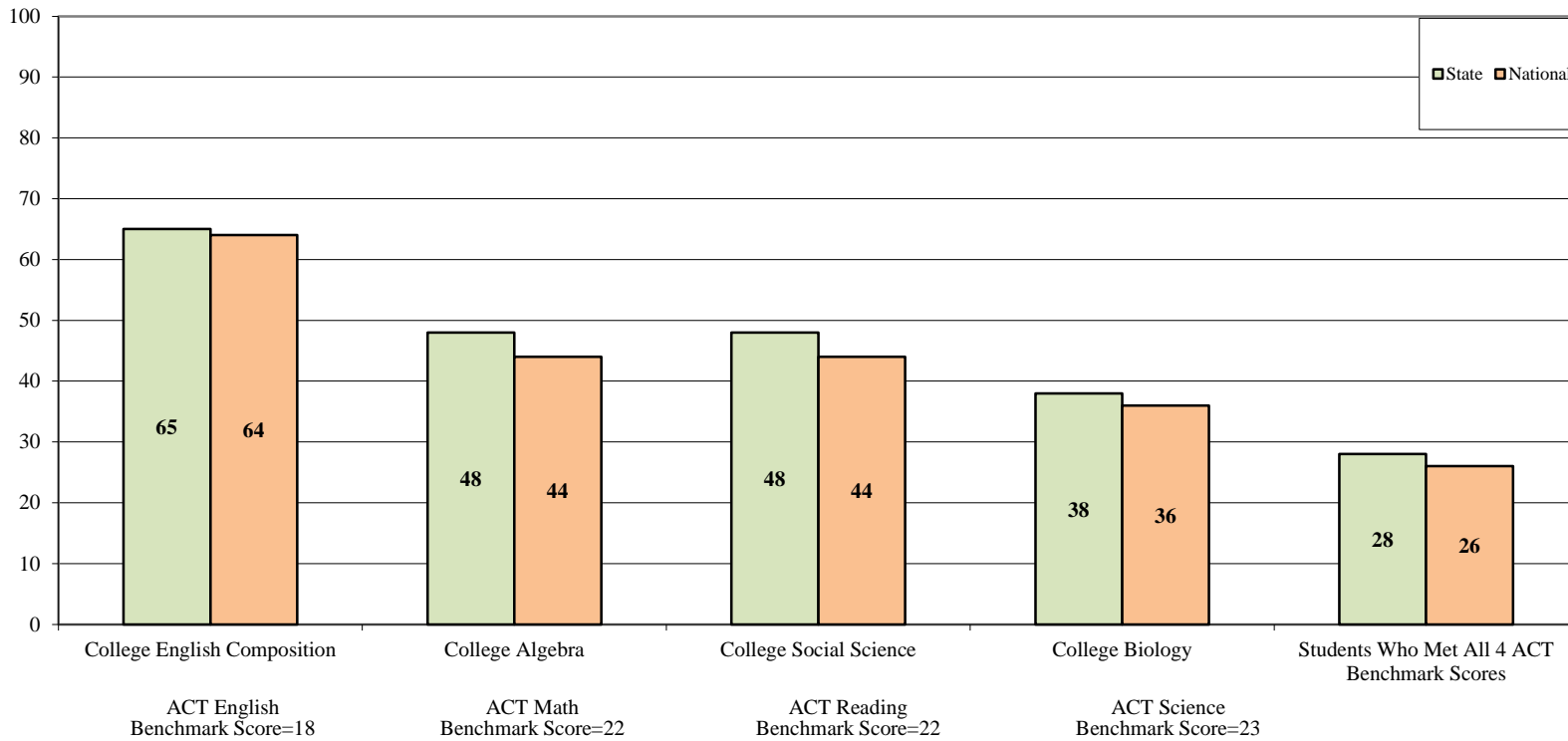
Section I

Executive Summary

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

To find the results of only standard time or extended time test takers, refer to Tables 1.7 and 1.8 on page 10.

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: 2,724

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
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
2013	2,724	1,799,243	65	64	48	44	48	44	38	36	28	26

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
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
2013	2,724	1,799,243	20.1	20.2	21.2	20.9	21.7	21.1	21.0	20.7	21.1	20.9

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2013	1,799,243	20.2	20.9	21.1	20.7	20.9

Total Students in Report: 2,724

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
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
2013	1,701	696	62	26	22.0	18.6	22.9	19.0	23.4	20.4	22.5	19.6	22.8	19.5

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

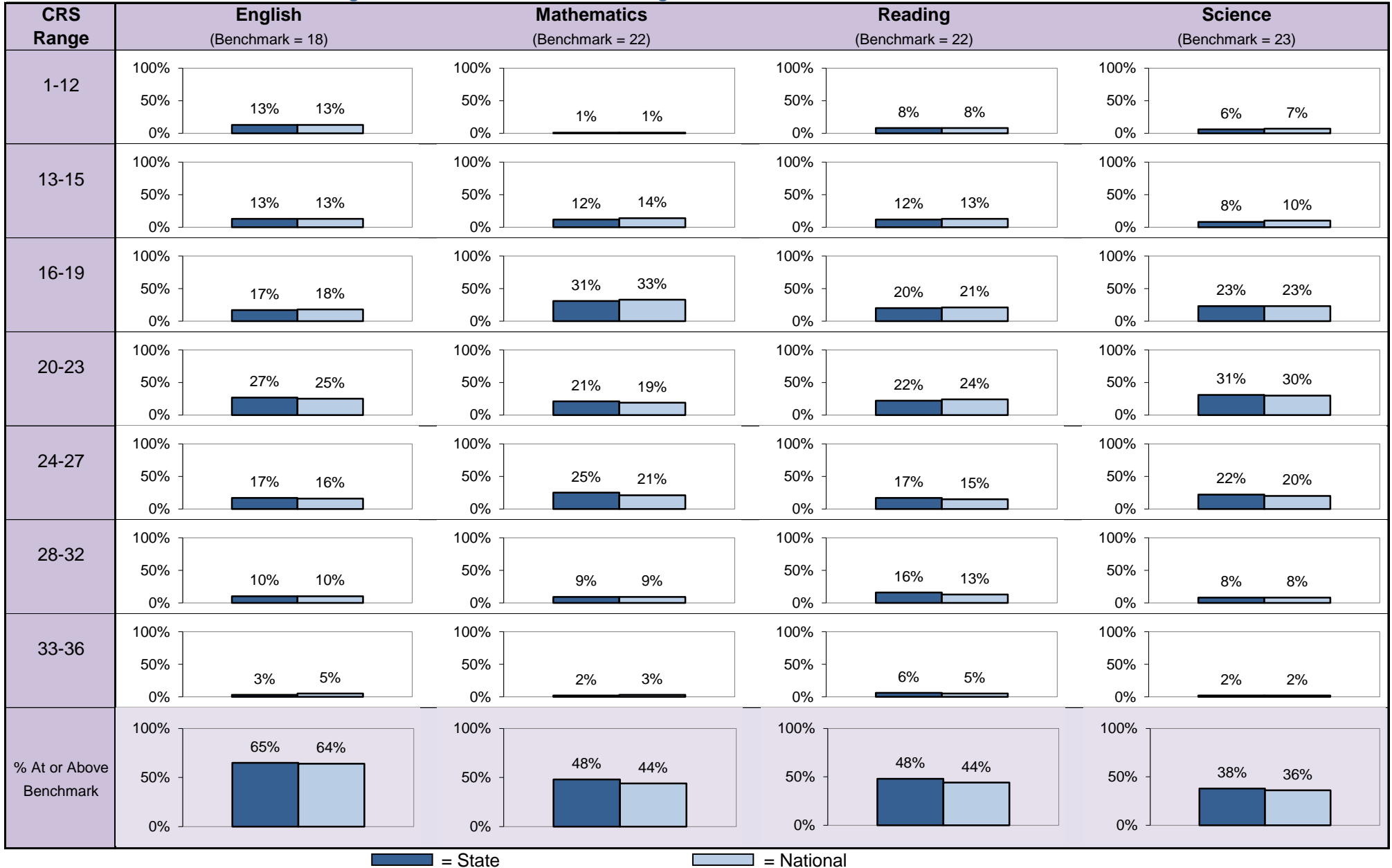
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	2,254	100	21.0	2,228	100	21.1	3,022	100	21.2	2,598	100	21.2	2,724	100	21.1
Black/African American	65	3	19.2	72	3	16.7	120	4	18.5	79	3	17.8	74	3	17.6
American Indian/Alaska Native	337	15	17.2	351	16	17.0	280	9	17.1	315	12	15.5	343	13	16.1
White	1,235	55	23.2	1,214	54	23.5	1,610	53	23.2	1,413	54	23.1	1,445	53	23.1
Hispanic/Latino	65	3	20.5	50	2	20.3	133	4	20.5	142	5	20.3	176	6	20.1
Asian	130	6	20.9	152	7	21.0	230	8	19.9	159	6	20.0	163	6	20.0
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	15	0	17.7	33	1	16.6	35	1	17.5
Two or more races	62	3	21.7	59	3	22.1	226	7	20.8	246	9	21.5	270	10	20.7
Prefer not to respond/No response	360	16	17.5	330	15	17.7	408	14	18.1	211	8	19.7	218	8	20.0

Total Students in Report: 2,724

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



Total Students in Report: 2,724

Table 1.7. Average ACT College Reportable Scores by Test Session Duration

Student Group	Test Session Duration	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Standard Time	2,693	99	20.2	21.2	21.7	21.0	21.2
	Extended Time	31	1	16.7	18.2	19.3	19.3	18.6
	Total	2,724	100	20.1	21.2	21.7	21.0	21.1
National	Standard Time	1,727,041	96	20.4	21.0	21.3	20.9	21.0
	Extended Time	72,202	4	15.9	17.7	18.1	17.9	17.5
	Total	1,799,243	100	20.2	20.9	21.1	20.7	20.9

Table 1.8. Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	65	48	49	38	28
	Extended Time	45	26	32	23	13
	Total	65	48	48	38	28
National	Standard Time	65	45	45	37	27
	Extended Time	35	20	28	20	13
	Total	64	44	44	36	26

Section II

Academic Achievement

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 2,724

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	8	100	4	100	25	100	10	100	0	100	36
35	12	100	7	100	30	99	16	100	7	100	35
34	26	99	21	100	40	98	17	99	11	100	34
33	41	98	20	99	66	97	9	98	18	99	33
32	35	97	29	98	66	94	31	98	40	99	32
31	33	96	27	97	94	92	28	97	44	97	31
30	59	94	57	96	89	88	37	96	49	96	30
29	58	92	56	94	83	85	56	95	72	94	29
28	84	90	76	92	95	82	56	93	100	91	28
27	80	87	145	89	86	78	79	90	115	87	27
26	109	84	171	84	89	75	105	88	127	83	26
25	122	80	167	77	110	72	181	84	153	79	25
24	150	76	194	71	170	68	245	77	157	73	24
23	144	70	178	64	136	62	155	68	181	67	23
22	176	65	144	58	140	57	206	62	199	61	22
21	206	58	122	52	180	52	266	55	204	53	21
20	210	51	116	48	154	45	207	45	193	46	20
19	126	43	132	44	150	39	233	37	160	39	19
18	98	38	161	39	155	34	200	29	175	33	18
17	100	35	269	33	117	28	98	22	148	26	17
16	139	31	273	23	124	24	104	18	124	21	16
15	157	26	196	13	132	19	87	14	142	16	15
14	106	20	110	6	85	14	79	11	99	11	14
13	101	16	25	2	100	11	57	8	78	8	13
12	64	13	13	1	84	8	52	6	67	5	12
11	69	10	9	1	56	5	48	4	39	2	11
10	62	8	1	1	32	2	32	2	9	1	10
9	55	5	0	1	15	1	15	1	9	1	9
8	42	3	1	1	1	1	8	1	4	1	8
7	28	2	0	1	8	1	5	1	0	1	7
6	16	1	0	1	7	1	2	1	0	1	6
5	5	1	0	1	3	1	0	1	0	1	5
4	2	1	0	1	0	1	0	1	0	1	4
3	1	1	0	1	2	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)	20.1 (6.4)		21.2 (5.1)		21.7 (6.5)		21.0 (5.2)		21.1 (5.3)		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: 2,724

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subscore 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	48	100	29	100	87	100	103	100	108	100	8	100	16	100	18
17	121	98	37	99	154	97	134	96	123	96	31	100	8	99	17
16	114	94	134	98	171	91	175	91	109	92	54	99	87	99	16
15	110	90	150	93	151	85	203	85	167	88	136	97	169	96	15
14	141	86	224	87	178	79	222	77	208	81	236	92	253	90	14
13	143	80	218	79	214	73	188	69	270	74	327	83	221	80	13
12	207	75	306	71	253	65	210	62	241	64	290	71	409	72	12
11	295	68	288	60	246	56	253	55	240	55	322	60	257	57	11
10	307	57	269	49	240	47	261	45	270	46	392	48	290	48	10
9	247	45	269	39	256	38	186	36	172	36	269	34	403	37	9
8	216	36	248	29	272	28	214	29	263	30	244	24	225	22	8
7	217	28	158	20	224	18	175	21	316	20	174	15	172	14	7
6	157	20	109	14	113	10	128	15	147	9	103	9	87	8	6
5	152	15	132	10	88	6	158	10	63	3	56	5	56	5	5
4	120	9	76	6	28	3	70	4	20	1	38	3	32	3	4
3	79	5	57	3	16	2	28	2	3	1	22	2	16	1	3
2	42	2	18	1	23	1	15	1	4	1	9	1	13	1	2
1	8	1	2	1	10	1	1	1	0	1	13	1	10	1	1
Avg (SD)	9.9 (3.9)		10.4 (3.5)		11.0 (3.7)		11.0 (3.9)		11.0 (3.5)		10.6 (3.0)		10.7 (3.0)		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	26	24	25
Q2 (50th Percentile)	20	21	21	21	21
Q1 (25th Percentile)	15	17	17	18	17

Total Students in Report: 2,724

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	2,724	62	22.8	19.5
	Black/African American	74	51	18.7	16.6
	American Indian/Alaska Native	343	24	19.5	16.4
	White	1,445	73	23.8	20.9
	Hispanic/Latino	176	64	21.4	18.2
	Asian	163	74	20.7	18.2
	Native Hawaiian/Other Pac. Isl.	35	46	17.7	17.3
	Two or more races	270	64	21.6	19.5
	Prefer not/No Response	218	44	23.7	20.2
National	All Students	1,799,243	74	21.7	18.7
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	20.1	21.2	21.7	21.0	21.1
	Black/African American	16.5	17.5	18.2	17.8	17.6
	American Indian/Alaska Native	14.0	17.3	16.0	16.6	16.1
	White	22.4	22.8	23.9	22.7	23.1
	Hispanic/Latino	19.1	20.0	20.8	20.1	20.1
	Asian	18.6	20.9	19.8	20.2	20.0
	Native Hawaiian/Other Pac. Isl.	15.8	18.1	17.2	18.0	17.5
	Two or more races	19.6	20.9	21.1	20.9	20.7
	Prefer not/No Response	18.8	20.1	20.6	20.0	20.0
National	All Students	20.2	20.9	21.1	20.7	20.9
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7

Total Students in Report: 2,724

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	87	3	52	2	161	6	52	2
	28 to 32	269	10	245	9	427	16	208	8
	24 to 27	461	17	677	25	455	17	610	22
	20 to 23	736	27	560	21	610	22	834	31
	16 to 19	463	17	835	31	546	20	635	23
	13 to 15	364	13	331	12	317	12	223	8
	01 to 12	344	13	24	1	208	8	162	6
National	33 to 36	81,846	5	51,648	3	89,731	5	36,033	2
	28 to 32	175,672	10	156,561	9	239,643	13	138,865	8
	24 to 27	291,095	16	385,102	21	277,723	15	364,600	20
	20 to 23	447,398	25	343,822	19	424,936	24	542,531	30
	16 to 19	327,718	18	590,816	33	384,706	21	413,107	23
	13 to 15	242,064	13	258,384	14	240,069	13	183,840	10
	01 to 12	233,450	13	12,910	1	142,435	8	120,267	7

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	1,190	44	19.9	22.1	21.7	21.8	21.5
	Females	1,533	56	20.2	20.5	21.7	20.4	20.8
	Missing	1	0	10.0	17.0	15.0	17.0	15.0
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	64	54	47	43	32
	Females	66	42	49	33	25
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 2,724

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	1,701	77	22.0	63	22.9	58	23.4	48	22.5	37	22.8
	Less than Core	696	57	18.6	27	19.0	41	20.4	24	19.6	15	19.5
	Missing ³	327	20	13.6	14	17.1	13	15.6	10	16.3	7	15.8
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	10	17.4

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 met 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	2,321	72	21.1	2,158	57	22.3	2,271	54	22.6	1,911	46	22.3
	Less than Core	81	59	18.8	241	6	16.5	132	39	20.2	491	23	19.3
	Missing ³	322	20	13.6	325	14	17.1	321	13	15.6	322	11	16.4
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	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

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 2,724

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

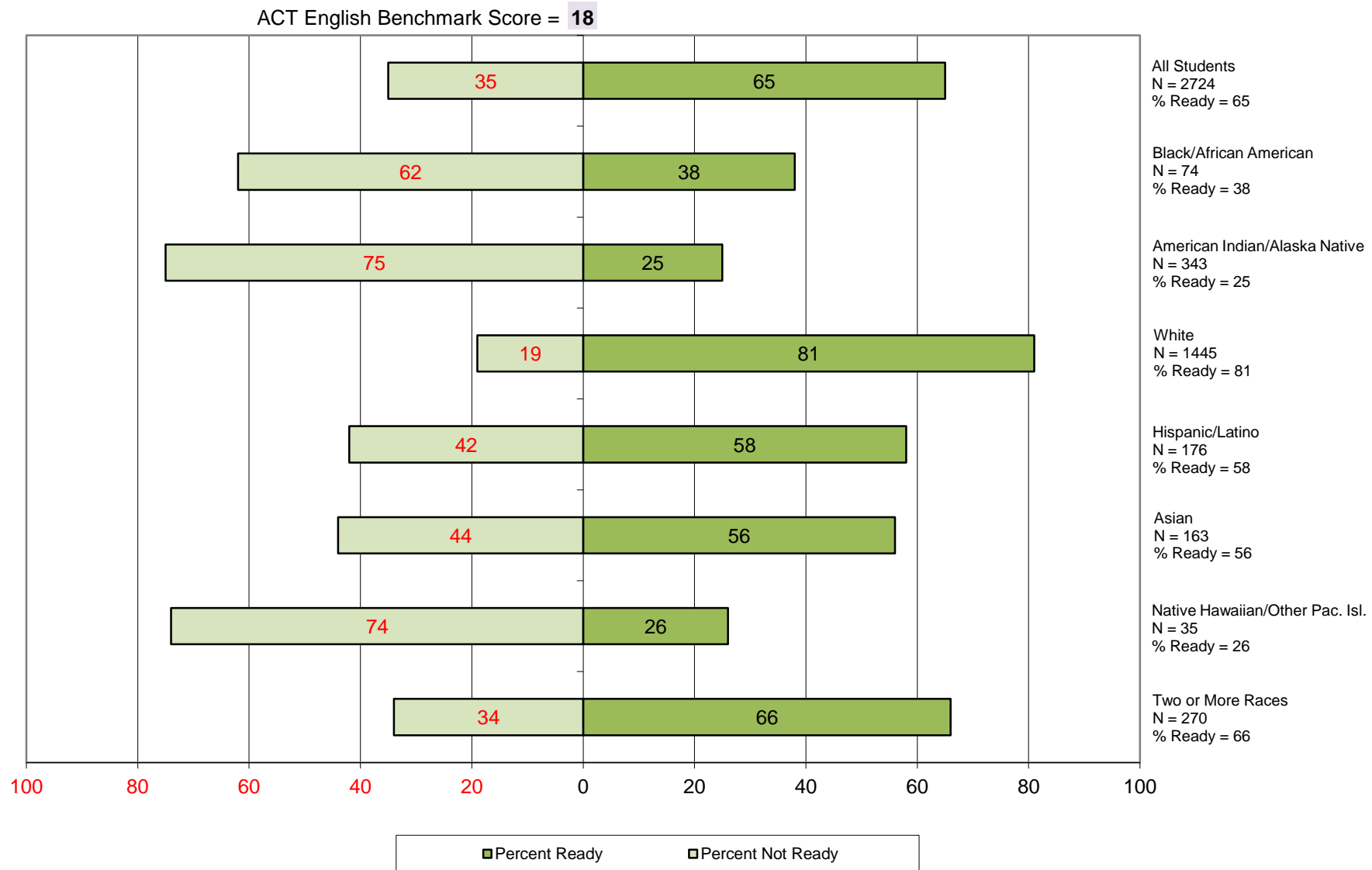


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

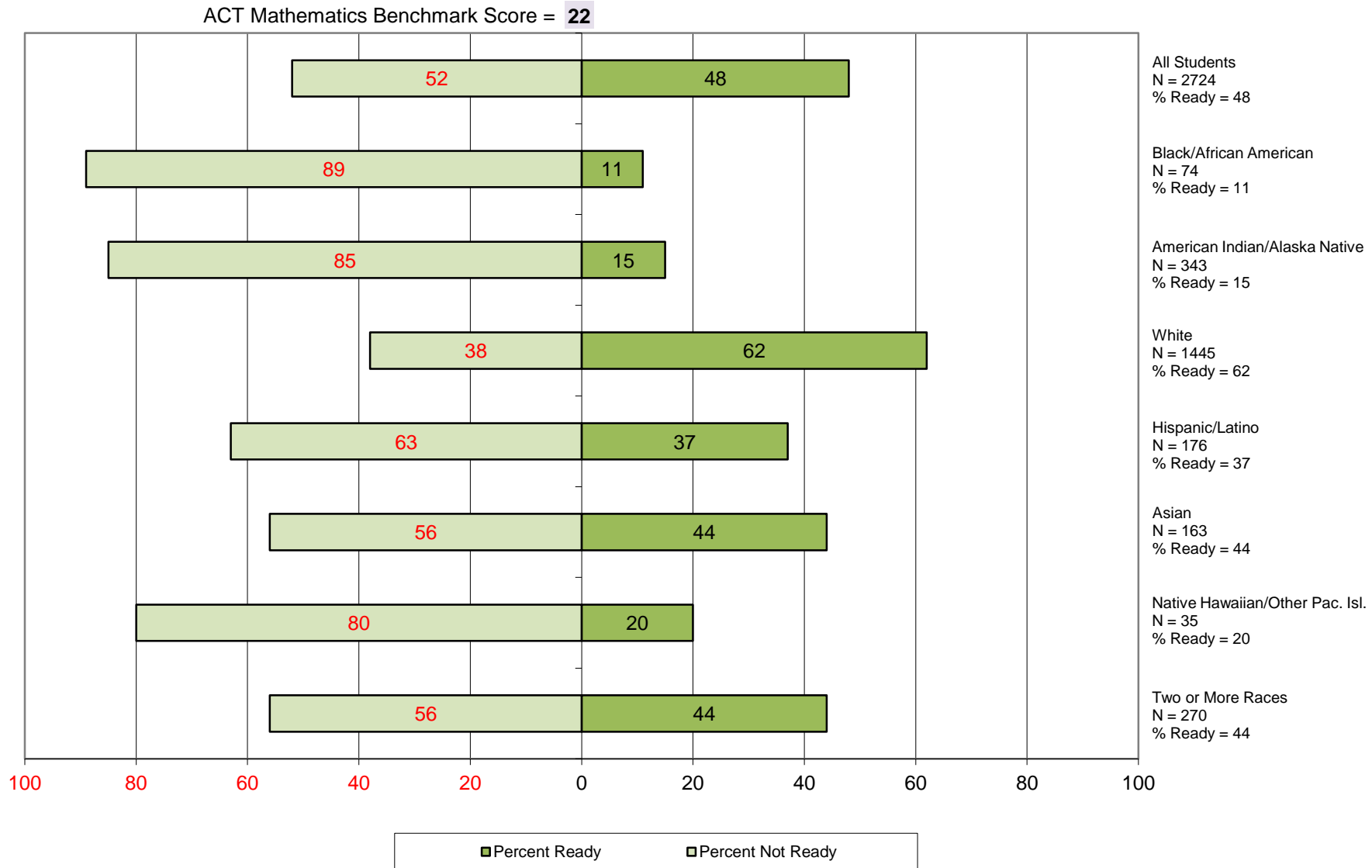


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

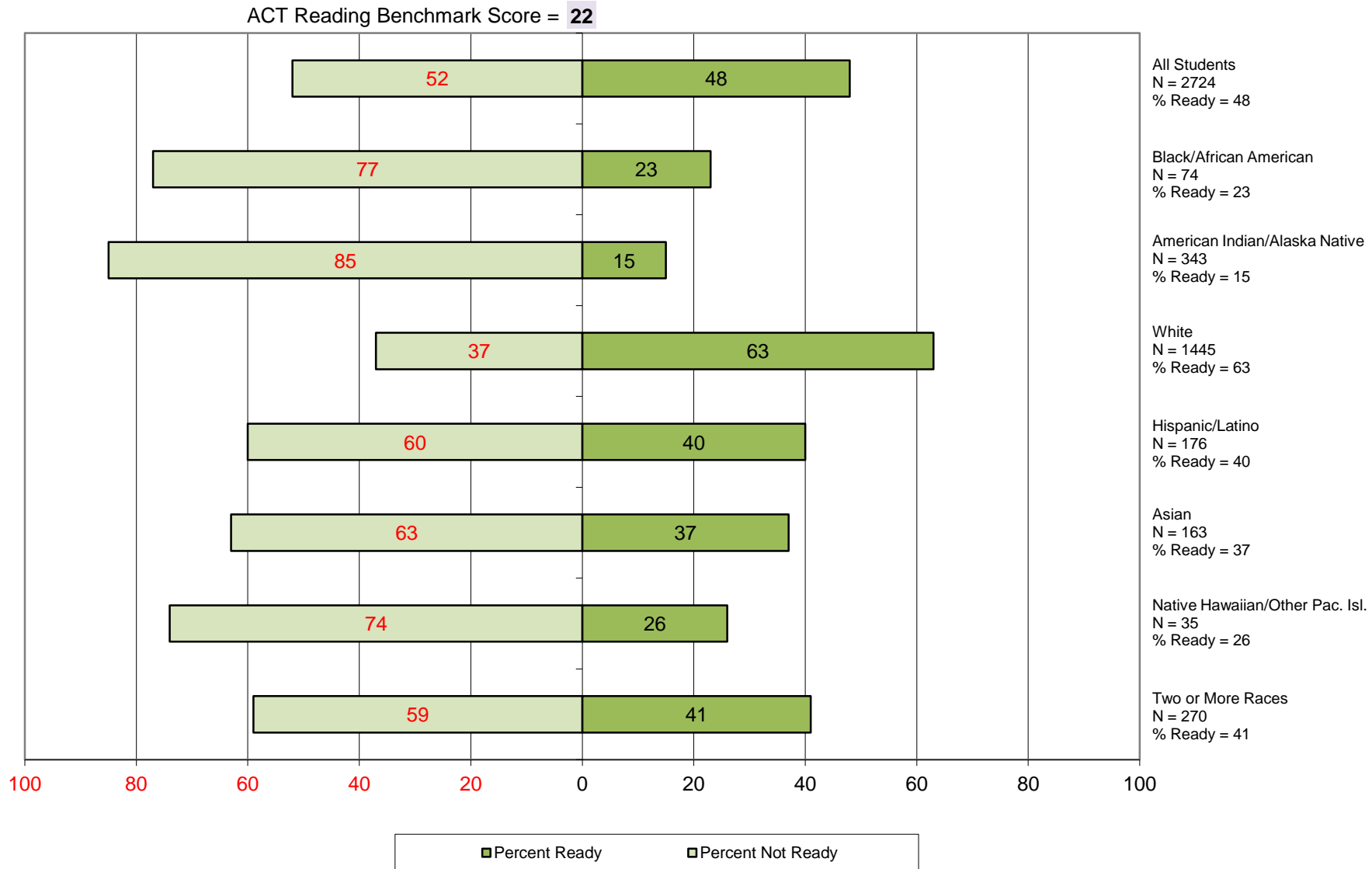


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

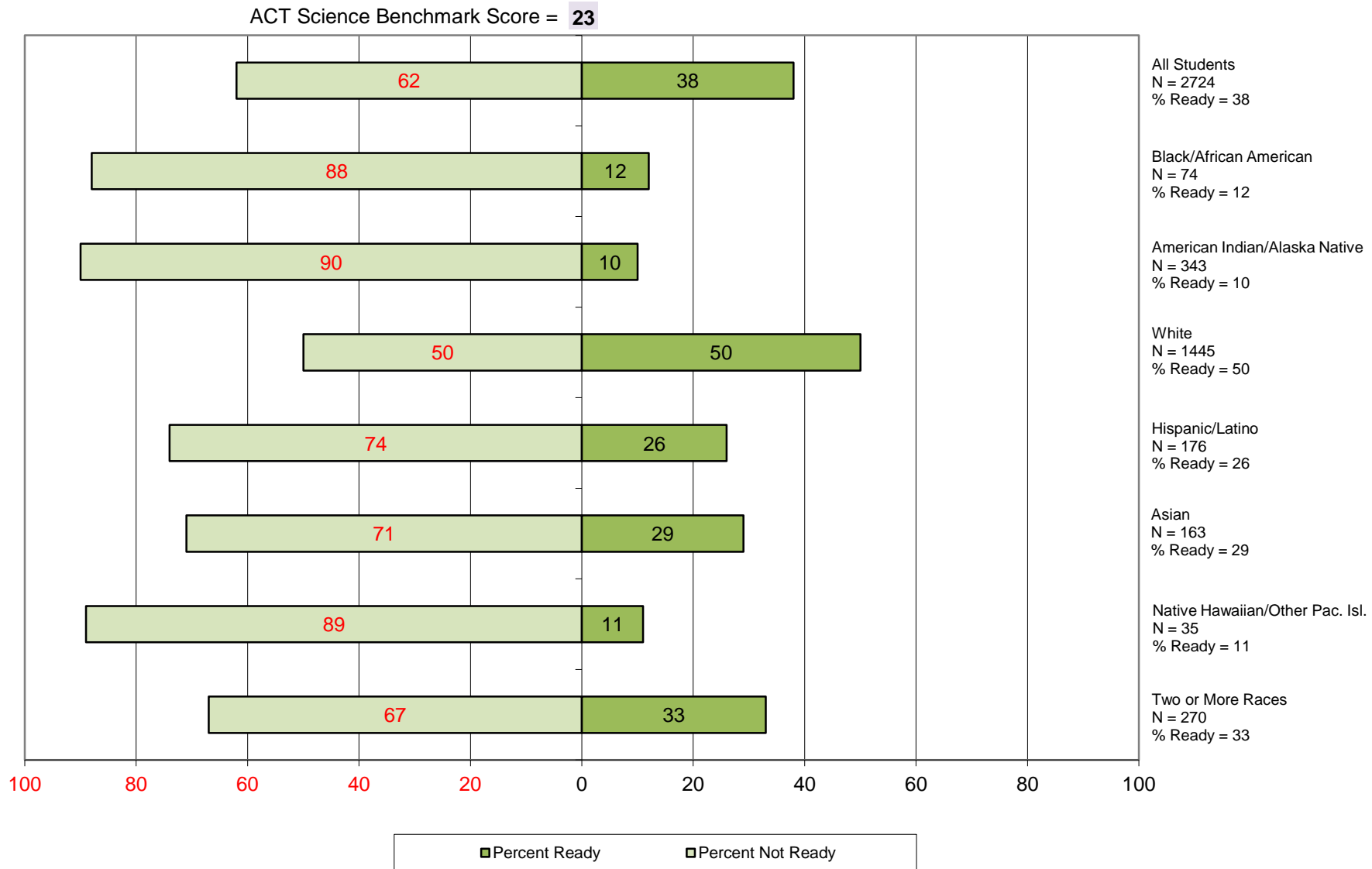
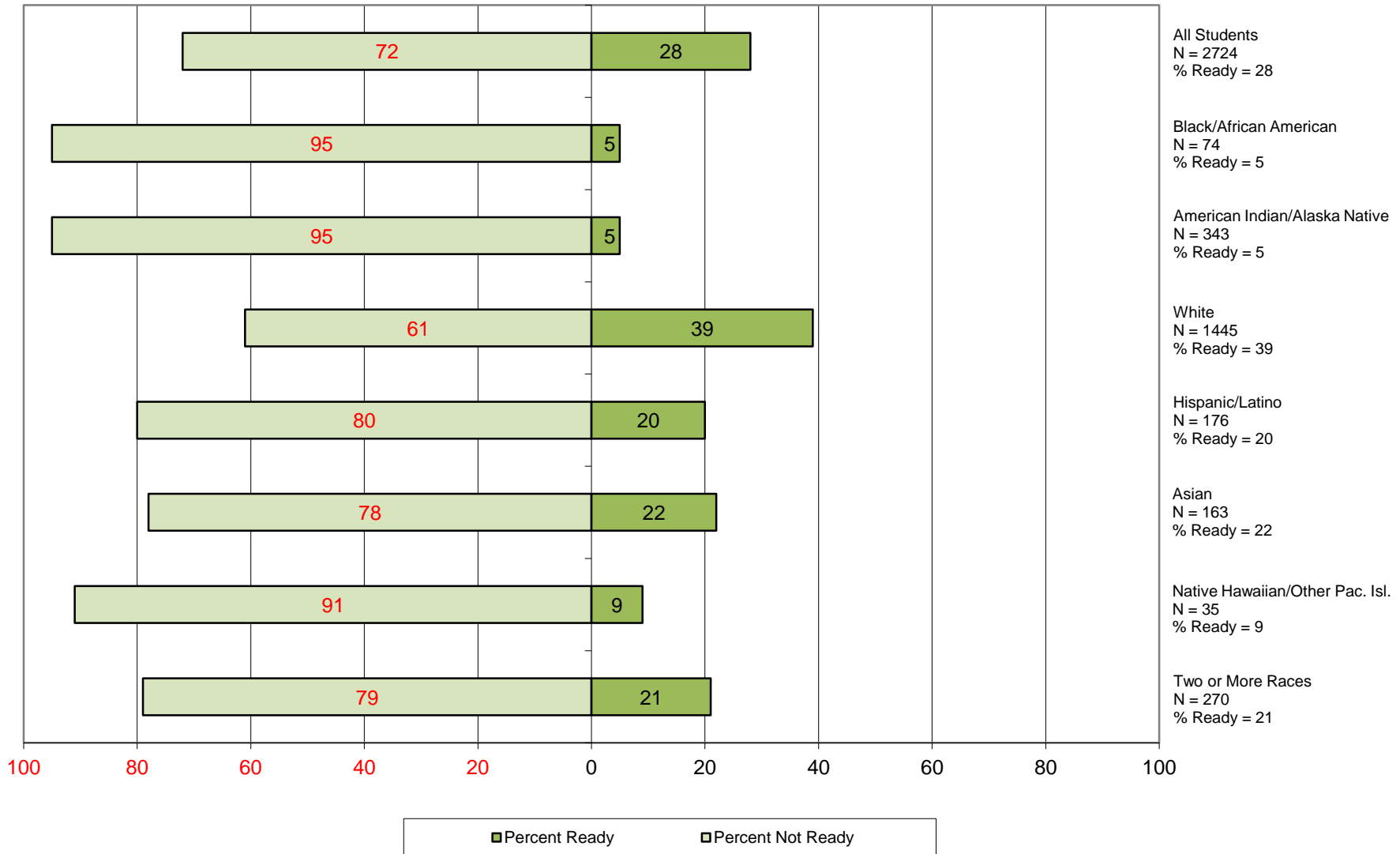


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 2,724

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	770	28	21.0	2.2	320	27	20.8	2.4	450	29	21.1	2.0
Eng 9, Eng 10, Eng 11, Eng 12	1,551	57	21.1	2.3	699	59	21.0	2.6	852	56	21.2	2.1
Less than 4 years of English	81	3	18.8	-	28	2	18.4	-	52	3	19.1	-
Zero years / no English courses reported	322	12	13.6	-	143	12	13.3	-	179	12	13.8	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	196	7	25.9	9.4	93	8	26.7	9.9	103	7	25.3	9.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	251	9	23.0	6.5	92	8	23.5	6.7	159	10	22.7	6.4
Alg 1, Alg 2, Geom, & Trig	195	7	21.0	4.5	79	7	21.3	4.5	116	8	20.8	4.5
Alg 1, Alg 2, Geom, & Other Adv Math	248	9	20.7	4.2	96	8	21.6	4.8	152	10	20.1	3.8
Other comb of 4 or more years of Math	787	29	24.3	7.8	413	35	25.1	8.3	374	24	23.5	7.2
Alg 1, Alg 2, & Geom	392	14	18.2	1.7	148	12	18.3	1.5	244	16	18.2	1.9
Other comb of 3 or 3.5 years of Math	89	3	20.7	4.2	44	4	21.3	4.5	45	3	20.2	3.9
Less than 3 years of Math	241	9	16.5	-	83	7	16.8	-	157	10	16.3	-
Zero years / no Math courses reported	325	12	17.1	-	142	12	17.3	-	183	12	16.9	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	205	8	23.8	3.6	91	8	23.5	1.9	114	7	24.0	4.6
Other comb of 4 or more years Social Science	1,400	51	22.7	2.5	619	52	22.7	1.1	781	51	22.6	3.2
US Hist, World Hist, & Am Gov	137	5	22.3	2.1	59	5	22.6	1.0	78	5	22.1	2.7
Other comb of 3 or 3.5 years of Social Science	529	19	22.2	2.0	228	19	22.0	0.4	301	20	22.3	2.9
Less than 3 years of Social Science	132	5	20.2	-	51	4	21.6	-	80	5	19.4	-
Zero years / no Social Science courses reported	321	12	15.6	-	142	12	15.3	-	179	12	15.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	814	30	23.0	3.7	439	37	23.8	4.4	375	24	22.1	2.9
Bio, Chem, Phys	193	7	25.2	5.9	100	8	26.3	6.9	93	6	24.0	4.8
Gen Sci ² , Bio, Chem	823	30	20.9	1.6	282	24	21.3	1.9	541	35	20.7	1.5
Other comb of 3 years of Natural Science	81	3	21.7	2.4	39	3	22.8	3.4	42	3	20.5	1.3
Less than 3 years of Natural Science	491	18	19.3	-	188	16	19.4	-	302	20	19.2	-
Zero years / no Natural Science courses reported	322	12	16.4	-	142	12	16.5	-	180	12	16.2	-

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: 2,724

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	770	28	21.0	71	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	1,551	57	21.1	72	1,265,911	70	20.3	65
Less than 4 years of English	81	3	18.8	59	84,048	5	15.9	36
Zero years / no English courses reported	322	12	13.6	20	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	196	7	25.9	86	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	251	9	23.0	71	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	195	7	21.0	45	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	248	9	20.7	44	336,291	19	19.6	32
Other comb of 4 or more years of Math	787	29	24.3	74	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	392	14	18.2	19	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	89	3	20.7	42	88,866	5	19.7	34
Less than 3 years of Math	241	9	16.5	6	77,906	4	16.3	7
Zero years / no Math courses reported	325	12	17.1	14	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	205	8	23.8	60	50,989	3	22.2	51
Other comb of 4 or more years Social Science	1,400	51	22.7	55	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	137	5	22.3	53	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	529	19	22.2	50	489,586	27	21.0	43
Less than 3 years of Social Science	132	5	20.2	39	171,617	10	19.1	32
Zero years / no Social Science courses reported	321	12	15.6	13	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	814	30	23.0	53	767,293	43	21.9	46
Bio, Chem, Phys	193	7	25.2	73	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	823	30	20.9	33	504,165	28	19.9	28
Other comb of 3 years of Natural Science	81	3	21.7	37	51,822	3	19.1	25
Less than 3 years of Natural Science	491	18	19.3	23	218,267	12	18.0	17
Zero years / no Natural Science courses reported	322	12	16.4	11	74,011	4	17.8	18

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 2,724

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

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture & Natural Resources Conservation	19	1	21.9	1	1	15.0	18	1	22.3
Architecture	27	1	21.8	0	0	.	27	1	21.8
Area, Ethnic, & Multidisciplinary Studies	5	0	19.4	2	1	11.0	3	0	25.0
Arts: Visual & Performing	152	6	20.2	9	5	14.3	131	6	20.7
Business	186	7	20.2	23	13	15.5	148	7	21.0
Communications	30	1	21.7	1	1	17.0	27	1	22.1
Community, Family, & Personal Services	60	2	18.7	11	6	18.7	39	2	19.2
Computer Science & Mathematics	52	2	22.9	3	2	19.7	44	2	23.0
Education	140	5	20.3	6	3	16.8	124	6	20.7
Engineering	297	11	24.4	9	5	17.2	271	12	24.7
Engineering Technology & Drafting	48	2	19.9	6	3	16.5	38	2	20.6
English & Foreign Languages	59	2	22.9	2	1	14.0	54	2	23.4
Health Administration & Assisting	93	3	17.9	13	7	16.4	69	3	18.3
Health Sciences & Technologies	452	17	21.1	25	14	16.7	395	18	21.5
Philosophy, Religion, & Theology	15	1	23.4	1	1	23.0	13	1	23.8
Repair, Production, & Construction	50	2	16.5	17	9	14.8	24	1	18.0
Sciences: Biological & Physical	215	8	23.9	2	1	18.5	201	9	23.9
Social Sciences & Law	191	7	21.9	6	3	16.8	169	8	22.1
Undecided	533	20	20.5	41	23	15.6	387	18	21.1
No Response	96	4	16.7	1	1	14.0	14	1	19.4

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

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

Total Students in Report: 2,724

Table 4.2. Average ACT Composite Scores for Racial/Ethnic 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	50	15.6	1	19.0	26	13.1	12	18.8	2	16.0
2-yr College Degree	132	16.2	4	14.8	67	13.9	37	20.1	4	15.5
Bachelors Degree	1,314	20.5	37	16.6	149	16.9	714	21.8	88	19.4
Graduate Study	384	24.1	9	21.3	27	19.1	248	25.1	21	23.3
Prof. Level Degree	499	23.8	11	20.8	20	18.7	314	25.0	40	21.3
Other	62	17.2	3	16.3	22	14.5	19	20.4	6	18.5
No Response	283	19.7	9	15.8	32	16.3	101	23.2	15	19.3

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	50	15.6	2	14.0	0	.	4	19.0	3	20.0
2-yr College Degree	132	16.2	4	16.3	2	18.0	11	18.1	3	14.7
Bachelors Degree	1,314	20.5	85	18.7	22	17.4	147	20.1	72	21.1
Graduate Study	384	24.1	21	23.3	3	20.7	30	23.4	25	23.5
Prof. Level Degree	499	23.8	31	22.8	3	17.7	54	22.0	26	24.2
Other	62	17.2	2	12.5	1	15.0	5	19.4	4	15.8
No Response	283	19.7	18	20.1	4	15.8	19	20.1	85	17.2

Total Students in Report: 2,724

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	782	464	318	7	18	27	28	16	4	0
UNIVERSITY OF ALASKA FAIRBANKS	Alaska	593	355	238	7	16	21	27	18	9	1
UNIVERSITY OF ALASKA SOUTHEAST	Alaska	102	27	75	12	23	21	26	13	5	1
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	78	20	58	3	0	8	33	37	17	3
UNIVERSITY OF WASHINGTON	Washington	66	18	48	0	3	9	33	30	21	3
NCAA ELIGIBILITY CENTER	Indiana	58	33	25	0	14	17	31	24	14	0
WASHINGTON STATE UNIVERSITY	Washington	51	10	41	2	0	10	31	45	12	0
COLORADO STATE UNIVERSITY	Colorado	49	18	31	0	0	8	24	39	27	2
KUSKOKWIM COLLEGE	Alaska	48	8	40	33	46	19	2	0	0	0
UNIVERSITY OF OREGON	Oregon	47	8	39	0	9	6	23	45	11	6
ALASKA PACIFIC UNIVERSITY	Alaska	45	5	40	7	18	24	33	13	4	0
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	43	13	30	2	2	12	40	33	12	0
NORTHERN ARIZONA UNIVERSITY	Arizona	43	8	35	2	0	9	51	35	2	0
BOISE STATE UNIVERSITY	Idaho	42	10	32	0	0	26	38	19	14	2
BRIGHAM YOUNG UNIVERSITY	Utah	42	25	17	2	2	10	31	36	19	0
OREGON STATE UNIVERSITY	Oregon	42	9	33	0	2	14	33	29	19	2
FORT LEWIS COLLEGE	Colorado	41	10	31	2	39	29	12	7	10	0
STANFORD UNIVERSITY	California	35	12	23	0	0	0	14	23	43	20
UNIVERSITY OF IDAHO	Idaho	34	6	28	0	3	3	38	38	18	0
WESTERN WASHINGTON UNIVERSITY	Washington	31	11	20	0	0	16	29	29	19	6
KENAI PENINSULA COLLEGE	Alaska	28	16	12	7	14	18	29	18	14	0
ARIZONA STATE UNIVERSITY	Arizona	27	10	17	0	7	11	52	22	7	0
COLORADO SCHOOL OF MINES	Colorado	27	8	19	0	0	0	15	30	56	0
MATANUSKA-SUSITNA COLLEGE/UAA	Alaska	26	11	15	0	12	35	46	8	0	0
GONZAGA UNIVERSITY	Washington	24	5	19	0	4	13	38	29	13	4
SEATTLE PACIFIC UNIVERSITY	Washington	24	4	20	8	4	21	25	21	13	8
UNIVERSITY OF MONTANA	Montana	24	5	19	4	4	13	29	38	8	4
EASTERN WASHINGTON UNIVERSITY	Washington	23	8	15	0	0	30	26	35	9	0
SOUTHERN OREGON UNIVERSITY	Oregon	23	5	18	4	9	13	39	22	13	0
UNIVERSITY OF HAWAII AT MANOA	Hawaii	22	6	16	0	9	27	32	27	0	5
All Other Institutions		1,714	431	1,283	2	8	18	28	24	17	2
Total		4,234	1,579	2,655	4	11	19	28	23	13	2

Section V

Optional Writing Test Results

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

Total Students in Report: 2,724

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	1,812	942,769	20.9	21.3	6.9	7.0	20.1	20.5
Black/African American	50	114,751	17.4	16.3	6.7	6.1	17.5	16.0
American Indian/Alaska Native	208	6,031	14.3	16.8	5.6	6.1	14.1	16.4
White	969	518,407	23.2	22.9	7.3	7.2	22.2	21.9
Hispanic/Latino	127	151,504	19.4	18.6	6.8	6.8	19.0	18.3
Asian	122	54,580	19.0	23.5	6.8	7.6	18.6	22.7
Native Hawaiian/Other Pac. Isl.	19	2,812	15.4	19.5	6.4	6.9	15.7	19.2
Two or more races	184	35,355	20.3	21.5	6.9	7.0	19.7	20.6
Prefer not/No Response	133	59,329	19.9	21.8	6.4	7.1	18.9	20.9
Males	783	423,104	20.6	21.0	6.6	6.7	19.7	20.1
Females	1,028	513,945	21.1	21.6	7.1	7.2	20.5	20.9
Missing	1	5,720	10.0	16.6	6.0	6.3	11.0	16.5

