

ACT Profile Report - State

Graduating Class 2013
Hawaii



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

21% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 5,345 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. 70% 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 6% of the cohort took less than three years of math courses. Of these students, 4% were college ready. 18% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% of these students were college ready. In comparison, 55% 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 7% of the cohort took less than three years of natural science courses. 14% of these students were college ready. In comparison, 32% 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 48% 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.

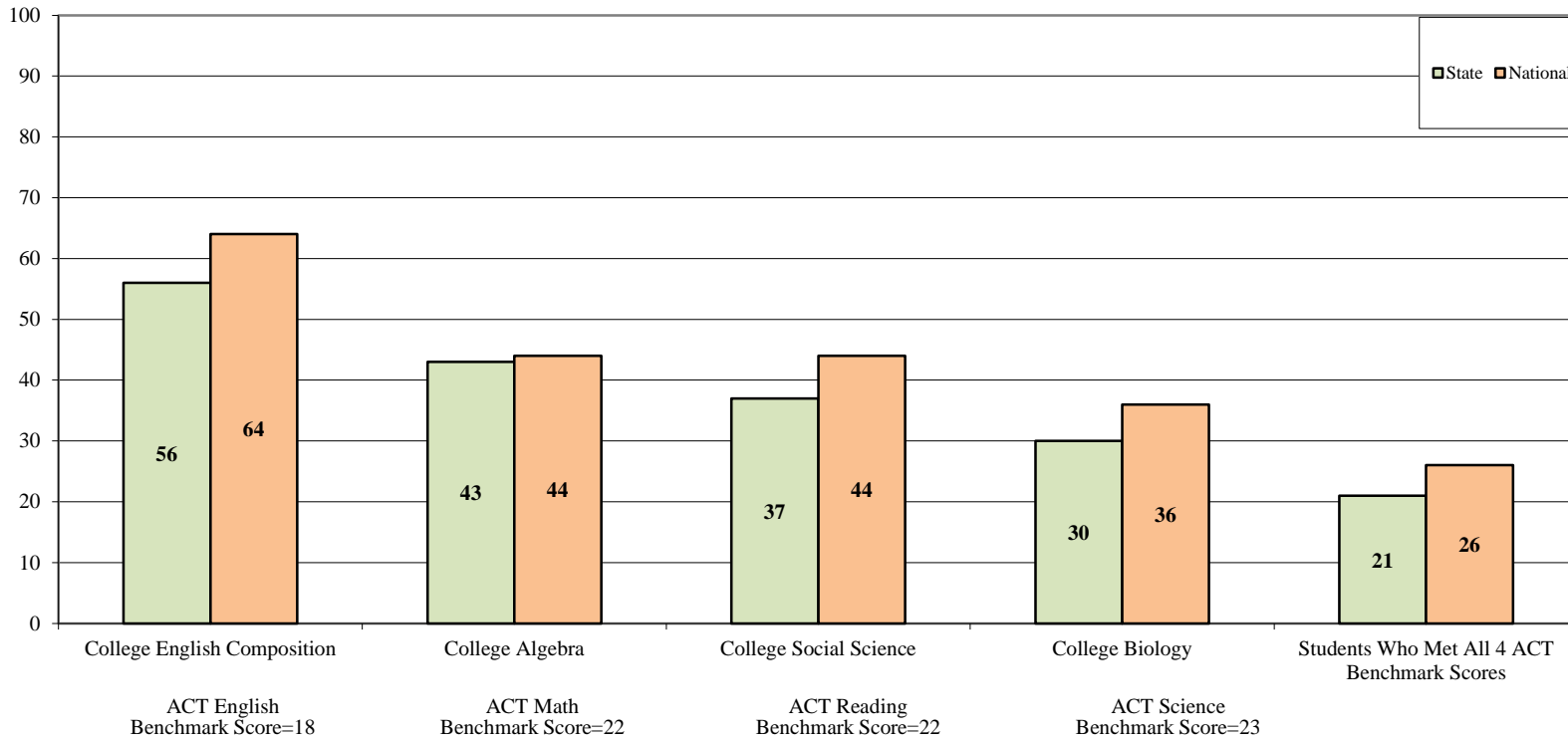
Section I

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.

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	3,115	1,480,469	69	67	50	42	53	53	28	28	24	23
2010	3,054	1,568,835	70	66	52	43	53	52	30	29	25	24
2011	3,259	1,623,112	68	66	50	45	52	52	30	30	25	25
2012	3,616	1,666,017	66	67	51	46	52	52	31	31	26	25
2013	5,345	1,799,243	56	64	43	44	37	44	30	36	21	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	3,115	1,480,469	20.9	20.6	22.1	21.0	21.4	21.4	21.0	20.9	21.5	21.1
2010	3,054	1,568,835	20.9	20.5	22.2	21.0	21.5	21.3	21.2	20.9	21.6	21.0
2011	3,259	1,623,112	20.6	20.6	21.8	21.1	21.3	21.3	21.1	20.9	21.3	21.1
2012	3,616	1,666,017	20.5	20.5	21.9	21.1	21.2	21.3	21.1	20.9	21.3	21.1
2013	5,345	1,799,243	19.0	20.2	20.8	20.9	20.0	21.1	19.9	20.7	20.1	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: 5,345

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	2,309	708	74	23	21.3	19.7	22.5	20.6	21.8	20.3	21.3	19.9	21.9	20.3
2010	2,412	624	79	20	21.2	19.7	22.5	21.2	21.8	20.4	21.5	20.3	21.9	20.5
2011	2,559	673	79	21	21.0	19.4	22.1	20.9	21.6	20.2	21.3	20.2	21.6	20.3
2012	2,828	736	78	20	20.7	19.6	22.0	21.3	21.4	20.8	21.2	20.5	21.5	20.7
2013	3,717	1,417	70	27	20.0	17.1	21.5	19.5	20.8	18.5	20.7	18.5	20.9	18.5

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	3,115	100	21.5	3,054	100	21.6	3,259	100	21.3	3,616	100	21.3	5,345	100	20.1
Black/African American	72	2	18.2	62	2	18.7	57	2	18.1	55	2	18.7	82	2	17.7
American Indian/Alaska Native	12	0	21.1	9	0	21.0	7	0	21.6	2	0	23.5	10	0	17.0
White	416	13	23.1	403	13	23.3	427	13	23.3	397	11	23.4	462	9	22.3
Hispanic/Latino	77	2	20.7	62	2	19.8	199	6	20.6	338	9	20.7	583	11	18.9
Asian	1,955	63	21.4	1,950	64	21.5	1,491	46	21.5	1,406	39	21.8	2,072	39	20.6
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	278	9	18.0	413	11	18.1	496	9	17.2
Two or more races	277	9	22.2	308	10	22.4	651	20	21.9	855	24	21.4	1,362	25	20.4
Prefer not to respond/No response	306	10	19.9	260	9	19.5	149	5	19.6	150	4	21.0	278	5	19.4

Total Students in Report: 5,345

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



Total Students in Report: 5,345

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	5,278	99	19.0	20.8	20.0	20.0	20.1
	Extended Time	67	1	17.0	19.2	19.6	18.9	18.8
	Total	5,345	100	19.0	20.8	20.0	19.9	20.1
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	57	43	37	30	21
	Extended Time	43	28	40	31	25
	Total	56	43	37	30	21
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: 5,345

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	9	100	34	100	29	100	13	100	1	100	36
35	23	100	29	99	21	99	25	100	10	100	35
34	53	99	74	99	74	99	20	99	28	100	34
33	66	98	34	97	69	98	11	99	37	99	33
32	56	97	47	97	81	96	48	99	53	99	32
31	60	96	53	96	138	95	55	98	70	98	31
30	69	95	92	95	106	92	60	97	82	96	30
29	95	94	105	93	103	90	56	96	99	95	29
28	126	92	166	91	130	88	95	95	124	93	28
27	100	90	206	88	139	86	148	93	164	91	27
26	168	88	283	84	144	83	152	90	191	88	26
25	207	85	285	79	155	81	287	87	238	84	25
24	242	81	258	74	302	78	363	82	281	79	24
23	256	76	319	69	221	72	272	75	344	74	23
22	318	71	292	63	275	68	411	70	331	68	22
21	336	65	234	57	400	63	475	62	328	62	21
20	384	59	250	53	331	55	411	53	373	55	20
19	260	52	318	48	298	49	423	46	366	48	19
18	191	47	307	42	285	44	382	38	359	42	18
17	261	44	523	37	312	38	230	31	345	35	17
16	327	39	579	27	275	32	308	26	327	28	16
15	330	33	464	16	308	27	229	21	297	22	15
14	272	26	235	7	274	21	192	16	310	17	14
13	209	21	107	3	271	16	194	13	249	11	13
12	192	17	30	1	251	11	148	9	215	6	12
11	217	14	15	1	180	7	180	6	89	2	11
10	201	10	3	1	87	3	69	3	24	1	10
9	108	6	0	1	43	2	40	2	5	1	9
8	124	4	2	1	19	1	28	1	4	1	8
7	60	2	0	1	15	1	10	1	1	1	7
6	13	1	0	1	4	1	5	1	0	1	6
5	11	1	0	1	1	1	0	1	0	1	5
4	1	1	1	1	3	1	1	1	0	1	4
3	0	1	0	1	0	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	3	1	0	1	1
Avg (SD)	19.0 (6.4)		20.8 (5.4)		20.0 (6.3)		19.9 (5.3)		20.1 (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: 5,345

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	105	100	39	100	90	100	156	100	193	100	55	100	66	100	18
17	184	98	43	99	192	98	215	97	237	96	75	99	21	99	17
16	192	95	181	98	211	95	237	93	225	92	125	98	195	98	16
15	173	91	248	95	203	91	298	89	303	88	252	95	286	95	15
14	213	88	284	90	239	87	299	83	323	82	396	91	346	89	14
13	284	84	382	85	426	83	315	77	460	76	530	83	422	83	13
12	323	78	512	78	549	75	388	72	449	67	536	73	624	75	12
11	495	72	527	68	458	64	537	64	486	59	632	63	584	63	11
10	534	63	493	59	473	56	450	54	513	50	846	51	509	52	10
9	572	53	637	49	527	47	374	46	350	40	498	36	859	43	9
8	426	42	537	37	555	37	607	39	515	34	606	26	517	27	8
7	502	34	445	27	531	27	363	27	699	24	278	15	400	17	7
6	372	25	320	19	322	17	399	21	356	11	248	10	205	10	6
5	364	18	344	13	329	11	368	13	160	4	33	5	82	6	5
4	320	11	224	7	120	4	216	6	49	1	141	4	135	4	4
3	187	5	104	2	73	2	84	2	21	1	68	2	24	2	3
2	88	2	19	1	40	1	39	1	6	1	1	1	45	1	2
1	11	1	6	1	7	1	0	1	0	1	25	1	25	1	1
Avg (SD)	9.4 (3.9)		9.7 (3.4)		10.1 (3.6)		10.2 (3.9)		10.7 (3.6)		10.5 (3.1)		10.4 (3.2)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	23	25	24	23	24
Q2 (50th Percentile)	19	20	20	20	20
Q1 (25th Percentile)	14	16	15	16	16

Total Students in Report: 5,345

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

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	5,345	70	20.9	18.5
	Black/African American	82	65	18.8	16.2
	American Indian/Alaska Native	10	60	17.8	16.7
	White	462	70	22.6	22.0
	Hispanic/Latino	583	66	20.0	16.9
	Asian	2,072	72	21.2	19.1
	Native Hawaiian/Other Pac. Isl.	496	64	18.1	15.9
	Two or more races	1,362	72	21.1	18.9
	Prefer not/No Response	278	58	21.1	17.2
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	19.0	20.8	20.0	19.9	20.1
	Black/African American	16.4	18.2	18.1	17.4	17.7
	American Indian/Alaska Native	16.6	16.5	16.8	17.6	17.0
	White	22.0	21.6	23.4	21.7	22.3
	Hispanic/Latino	17.9	19.3	19.1	18.9	18.9
	Asian	19.4	21.9	20.0	20.5	20.6
	Native Hawaiian/Other Pac. Isl.	15.7	18.1	17.4	17.2	17.2
	Two or more races	19.5	20.9	20.6	20.3	20.4
	Prefer not/No Response	17.9	20.3	19.5	19.5	19.4
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: 5,345

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	151	3	171	3	193	4	69	1
	28 to 32	406	8	463	9	558	10	314	6
	24 to 27	717	13	1,032	19	740	14	950	18
	20 to 23	1,294	24	1,095	20	1,227	23	1,569	29
	16 to 19	1,039	19	1,727	32	1,170	22	1,343	25
	13 to 15	811	15	806	15	853	16	615	12
	01 to 12	927	17	51	1	604	11	485	9
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	2,320	43	18.2	21.1	19.5	20.1	19.9
	Females	2,998	56	19.6	20.6	20.5	19.8	20.3
	Missing	27	1	12.7	16.8	15.6	16.3	15.5
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	51	45	34	34	23
	Females	61	41	40	27	20
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 5,345

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

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ⁴	Avg
State	Core or More ²	3,717	64	20.0	48	21.5	41	20.8	34	20.7	24	20.9
	Less than Core	1,417	42	17.1	33	19.5	29	18.5	23	18.5	16	18.5
	Missing ³	211	26	14.5	20	17.6	18	16.6	12	16.8	9	16.5
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	4,756	60	19.5	4,866	46	21.3	4,214	39	20.4	4,749	32	20.3
	Less than Core	415	27	14.6	299	4	15.6	938	33	19.1	400	14	16.5
	Missing ³	174	28	14.9	180	21	17.8	193	17	16.8	196	13	17.0
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.

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

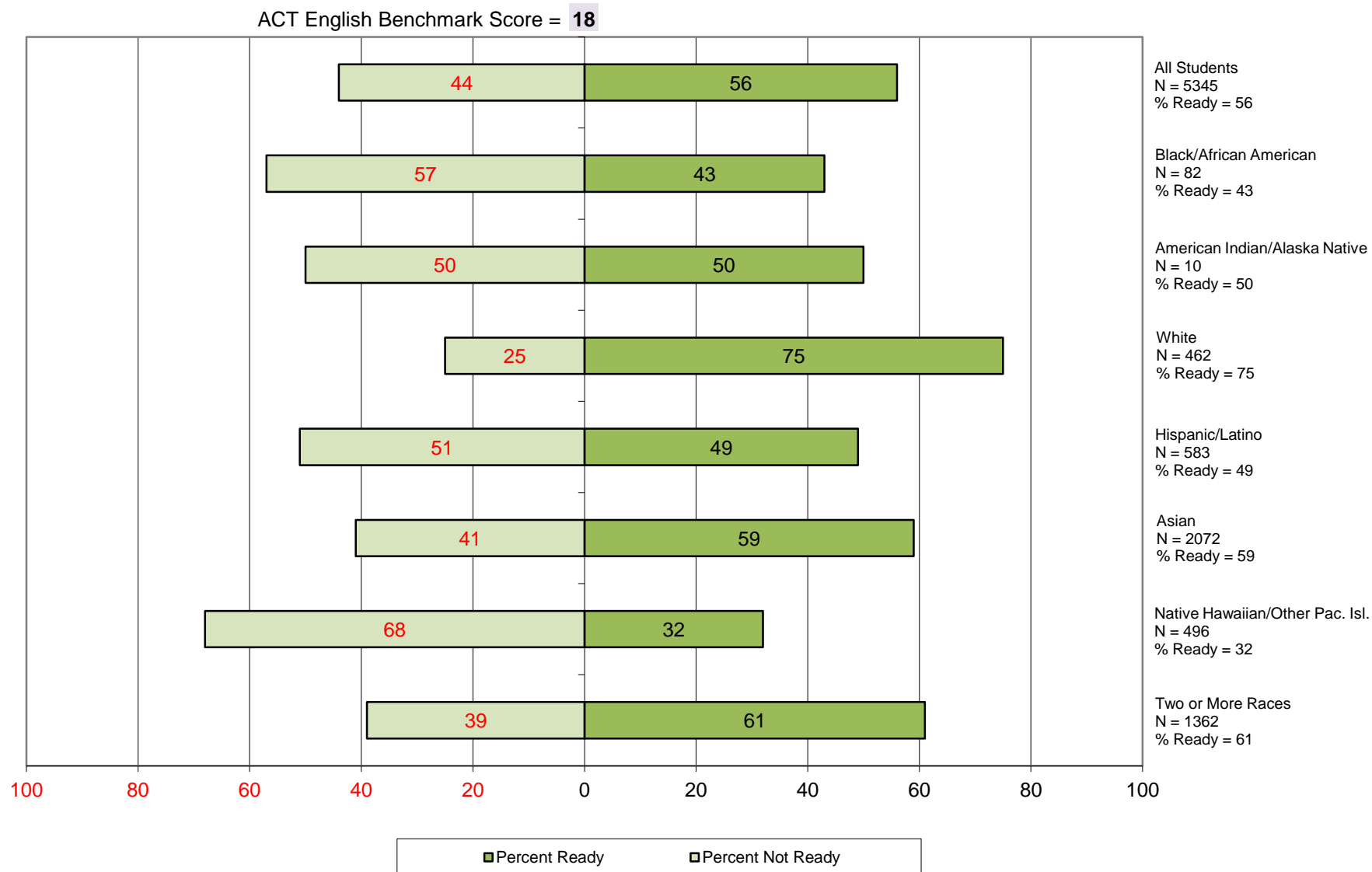


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

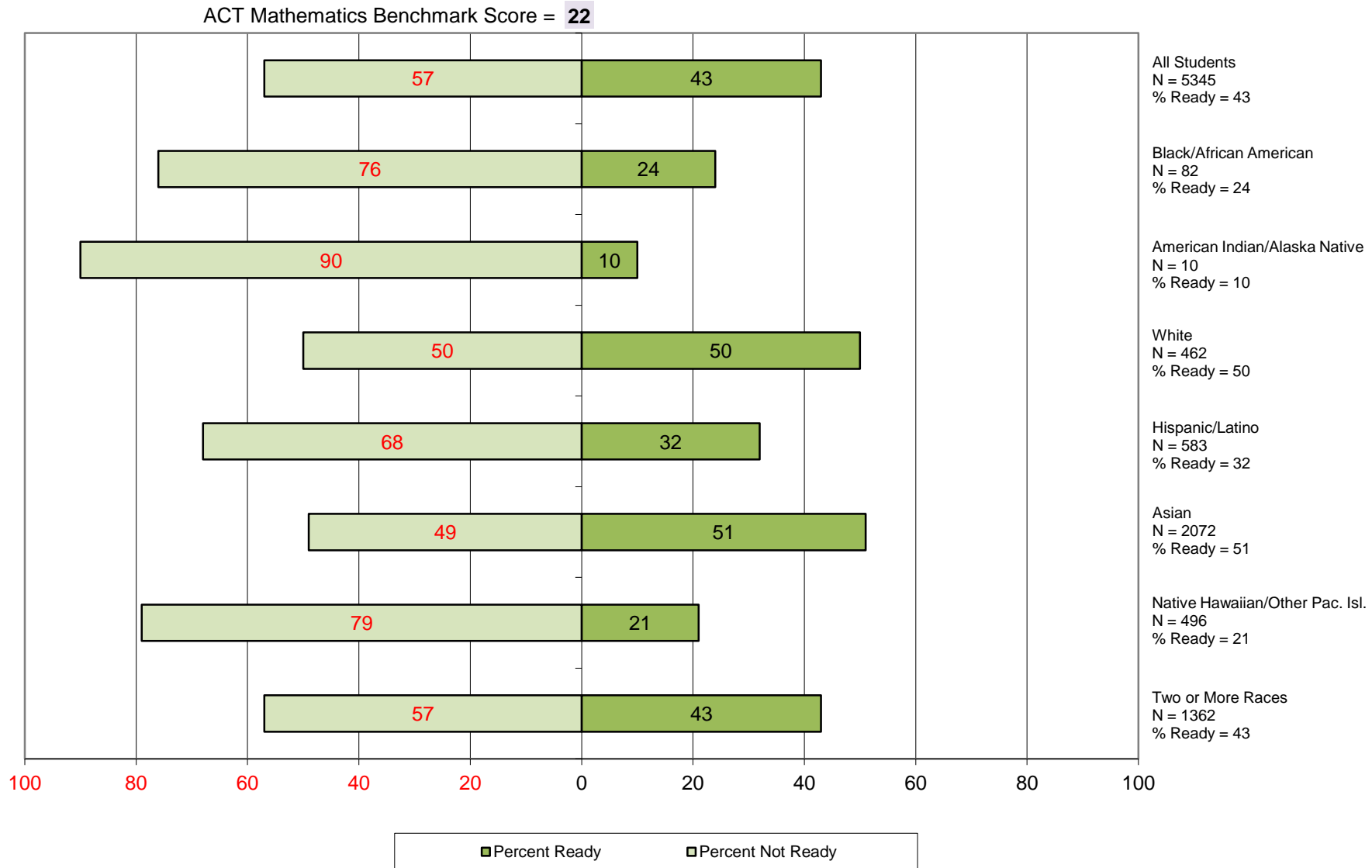


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

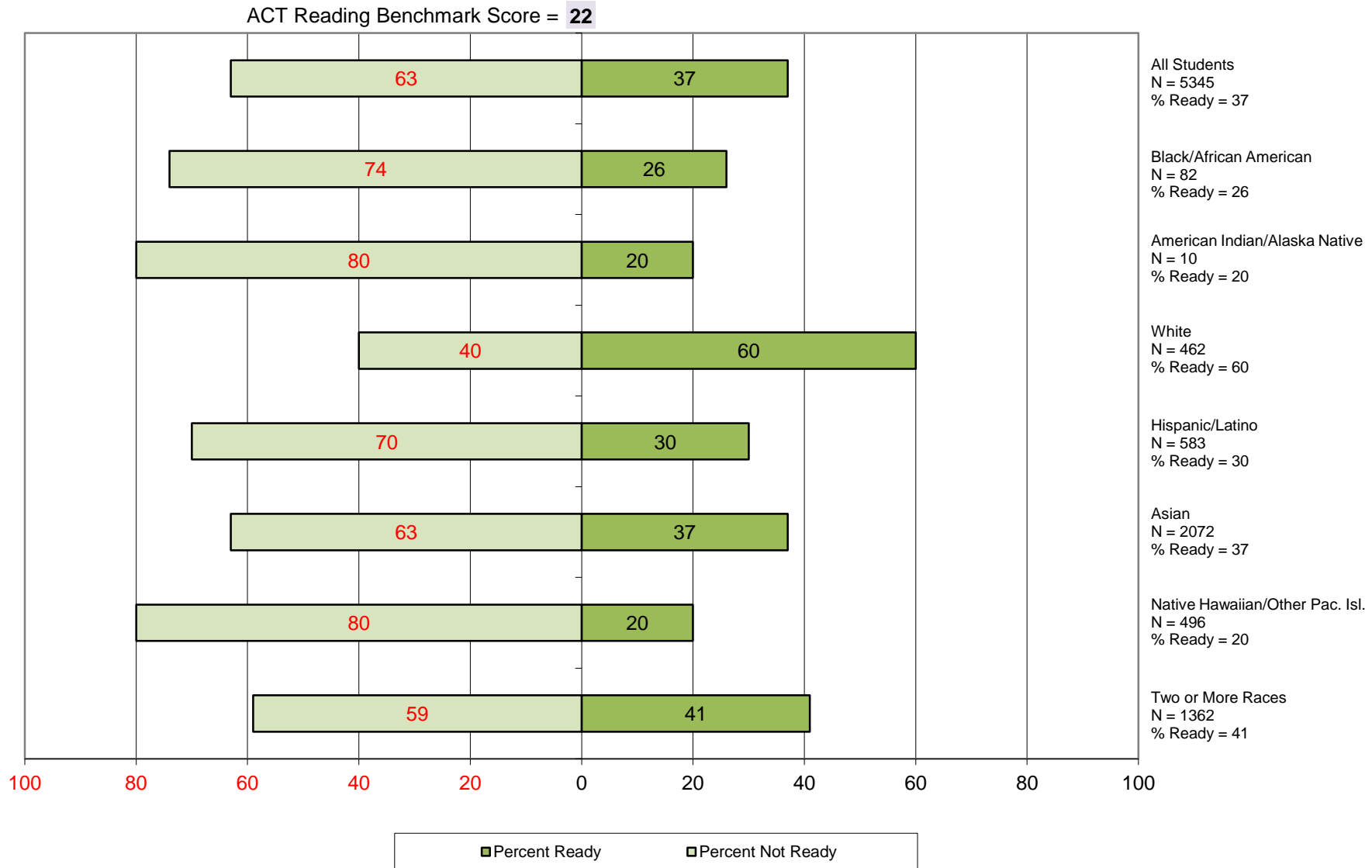


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

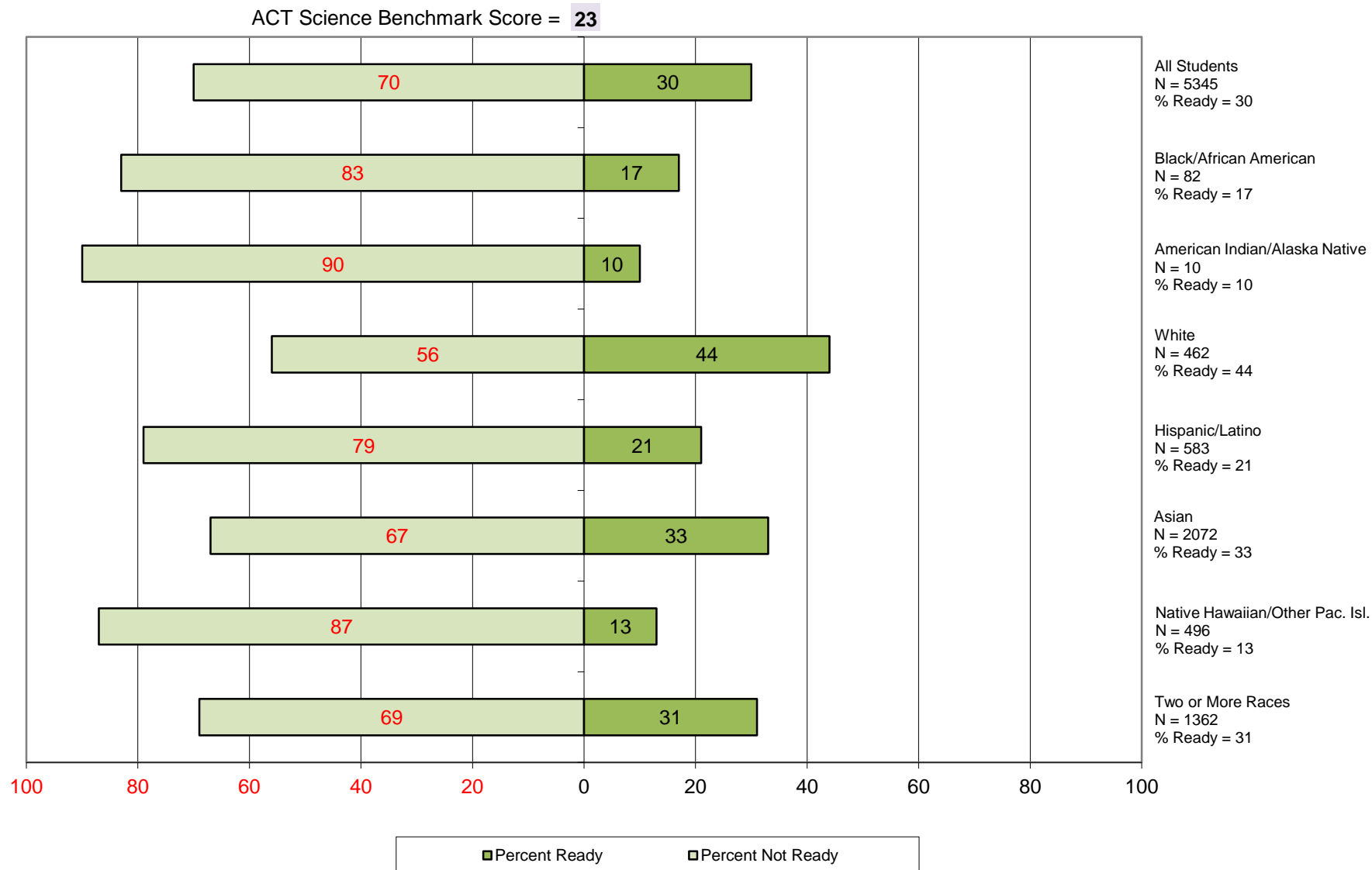
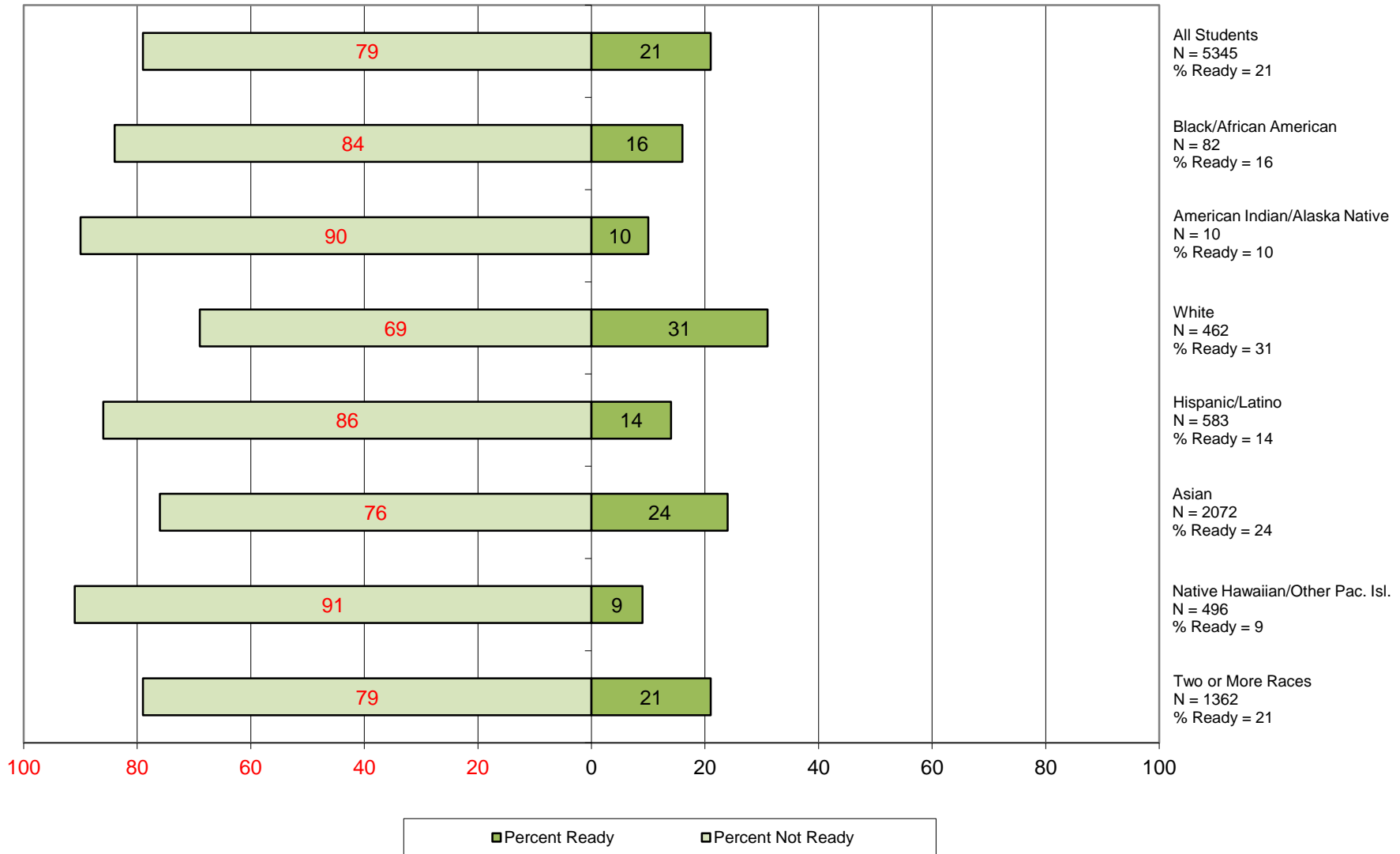


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 5,345

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	832	16	20.6	6.0	331	14	20.2	5.8	499	17	20.9	5.9
Eng 9, Eng 10, Eng 11, Eng 12	3,924	73	19.3	4.7	1,672	72	18.6	4.2	2,237	75	19.9	4.9
Less than 4 years of English	415	8	14.6	-	227	10	14.4	-	180	6	15.0	-
Zero years / no English courses reported	174	3	14.9	-	90	4	14.5	-	82	3	15.4	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	572	11	24.1	8.5	256	11	24.6	8.8	316	11	23.7	8.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	647	12	22.3	6.7	228	10	22.8	7.0	416	14	22.1	6.8
Alg 1, Alg 2, Geom, & Trig	648	12	19.9	4.3	249	11	20.3	4.5	396	13	19.7	4.4
Alg 1, Alg 2, Geom, & Other Adv Math	655	12	19.1	3.5	225	10	19.4	3.6	427	14	18.9	3.6
Other comb of 4 or more years of Math	1,289	24	24.6	9.0	604	26	25.4	9.6	683	23	23.9	8.6
Alg 1, Alg 2, & Geom	950	18	16.8	1.2	445	19	16.7	0.9	497	17	16.9	1.6
Other comb of 3 or 3.5 years of Math	105	2	20.9	5.3	51	2	19.8	4.0	54	2	21.9	6.6
Less than 3 years of Math	299	6	15.6	-	170	7	15.8	-	123	4	15.3	-
Zero years / no Math courses reported	180	3	17.8	-	92	4	18.1	-	86	3	17.5	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	380	7	18.8	-0.3	186	8	17.8	-0.5	193	6	19.8	-0.2
Other comb of 4 or more years Social Science	2,006	38	20.8	1.7	858	37	20.5	2.2	1,144	38	21.0	1.0
US Hist, World Hist, & Am Gov	152	3	19.0	-0.1	81	3	17.7	-0.6	68	2	20.8	0.8
Other comb of 3 or 3.5 years of Social Science	1,676	31	20.4	1.3	671	29	20.2	1.9	997	33	20.6	0.6
Less than 3 years of Social Science	938	18	19.1	-	421	18	18.3	-	508	17	20.0	-
Zero years / no Social Science courses reported	193	4	16.8	-	103	4	16.6	-	88	3	17.1	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	2,489	47	21.4	4.9	1,105	48	21.8	5.7	1,381	46	21.0	4.1
Bio, Chem, Phys	607	11	22.2	5.7	254	11	23.4	7.3	349	12	21.4	4.5
Gen Sci ² , Bio, Chem	1,515	28	18.1	1.6	583	25	17.7	1.6	917	31	18.4	1.5
Other comb of 3 years of Natural Science	138	3	17.7	1.2	78	3	17.9	1.8	60	2	17.5	0.6
Less than 3 years of Natural Science	400	7	16.5	-	202	9	16.1	-	196	7	16.9	-
Zero years / no Natural Science courses reported	196	4	17.0	-	98	4	17.2	-	95	3	16.8	-

¹Course value added is defined as the average ACT score change compared to course sequences in which students took

less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

²Includes General, Physical and Earth Sciences.

Total Students in Report: 5,345

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	832	16	20.6	68	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	3,924	73	19.3	58	1,265,911	70	20.3	65
Less than 4 years of English	415	8	14.6	27	84,048	5	15.9	36
Zero years / no English courses reported	174	3	14.9	28	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	572	11	24.1	69	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	647	12	22.3	59	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	648	12	19.9	37	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	655	12	19.1	25	336,291	19	19.6	32
Other comb of 4 or more years of Math	1,289	24	24.6	72	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	950	18	16.8	8	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	105	2	20.9	44	88,866	5	19.7	34
Less than 3 years of Math	299	6	15.6	4	77,906	4	16.3	7
Zero years / no Math courses reported	180	3	17.8	21	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	380	7	18.8	29	50,989	3	22.2	51
Other comb of 4 or more years Social Science	2,006	38	20.8	42	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	152	3	19.0	32	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	1,676	31	20.4	38	489,586	27	21.0	43
Less than 3 years of Social Science	938	18	19.1	33	171,617	10	19.1	32
Zero years / no Social Science courses reported	193	4	16.8	17	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	2,489	47	21.4	39	767,293	43	21.9	46
Bio, Chem, Phys	607	11	22.2	46	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	1,515	28	18.1	16	504,165	28	19.9	28
Other comb of 3 years of Natural Science	138	3	17.7	15	51,822	3	19.1	25
Less than 3 years of Natural Science	400	7	16.5	14	218,267	12	18.0	17
Zero years / no Natural Science courses reported	196	4	17.0	13	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: 5,345

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	60	1	18.0	4	2	14.3	52	1	18.7
Architecture	79	1	19.8	4	2	14.5	71	2	19.9
Area, Ethnic, & Multidisciplinary Studies	12	0	22.6	0	0	.	11	0	22.8
Arts: Visual & Performing	352	7	19.2	26	12	14.3	296	7	19.6
Business	479	9	19.9	21	9	16.1	407	10	20.0
Communications	89	2	21.4	4	2	16.3	79	2	21.6
Community, Family, & Personal Services	136	3	16.8	18	8	15.9	109	3	17.1
Computer Science & Mathematics	106	2	22.2	2	1	21.5	92	2	22.2
Education	195	4	19.1	10	4	13.8	171	4	19.3
Engineering	487	9	22.0	20	9	13.9	420	10	22.1
Engineering Technology & Drafting	96	2	18.4	15	7	13.2	72	2	19.9
English & Foreign Languages	59	1	22.4	3	1	13.7	53	1	23.0
Health Administration & Assisting	172	3	17.7	9	4	14.2	150	4	17.9
Health Sciences & Technologies	1,009	19	20.4	19	8	14.5	927	23	20.4
Philosophy, Religion, & Theology	14	0	19.4	1	0	14.0	10	0	20.9
Repair, Production, & Construction	48	1	15.6	17	8	14.7	23	1	16.5
Sciences: Biological & Physical	341	6	23.2	2	1	14.0	314	8	23.0
Social Sciences & Law	332	6	21.5	3	1	15.0	307	7	21.4
Undecided	631	12	21.5	26	12	14.0	483	12	21.8
No Response	640	12	16.5	18	8	12.3	48	1	15.3

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: 5,345

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	52	14.5	0	.	1	13.0	3	18.3	6	14.0
2-yr College Degree	174	14.4	1	13.0	0	.	11	17.6	18	13.7
Bachelors Degree	2,150	19.0	32	16.9	6	15.7	182	21.1	229	18.7
Graduate Study	849	22.6	6	19.3	0	.	77	23.3	77	20.9
Prof. Level Degree	1,100	22.5	19	21.7	2	22.0	103	24.8	127	21.4
Other	100	17.0	2	12.5	0	.	9	23.3	12	16.8
No Response	920	19.1	22	15.5	1	19.0	77	21.3	114	16.5

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	52	14.5	17	14.6	10	14.7	11	13.9	4	13.3
2-yr College Degree	174	14.4	75	14.2	20	13.0	33	15.5	16	13.1
Bachelors Degree	2,150	19.0	849	19.1	229	16.9	552	19.5	71	17.6
Graduate Study	849	22.6	347	23.3	66	19.3	233	22.5	43	24.5
Prof. Level Degree	1,100	22.5	440	22.9	77	19.7	282	22.5	50	21.8
Other	100	17.0	40	16.3	8	14.9	21	17.1	8	17.1
No Response	920	19.1	304	20.7	86	15.9	230	19.3	86	18.6

Total Students in Report: 5,345

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 HAWAII AT MANOA	Hawaii	1,356	639	717	4	15	28	31	16	5	0
HAWAII PACIFIC UNIVERSITY	Hawaii	578	174	404	7	25	35	22	9	2	0
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	403	121	282	20	34	31	12	2	1	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	378	378	0	18	28	29	15	8	1	0
UNIVERSITY OF HAWAII-WEST OAHU	Hawaii	324	62	262	9	24	36	23	7	1	0
UNIVERSITY OF HAWAII AT HILO	Hawaii	268	80	188	7	22	31	28	10	1	0
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	236	60	176	5	27	39	21	7	1	0
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	234	57	177	3	20	37	26	13	1	0
UNIVERSITY OF WASHINGTON	Washington	222	58	164	2	7	19	36	28	7	1
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	218	62	156	16	31	32	17	4	0	0
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	215	69	146	21	35	27	14	2	0	0
UNIVERSITY OF OREGON	Oregon	194	39	155	4	15	24	31	18	8	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	163	45	118	4	10	17	22	25	20	3
OREGON STATE UNIVERSITY	Oregon	154	29	125	3	16	21	32	19	8	0
NCAA ELIGIBILITY CENTER	Indiana	139	63	76	4	20	33	25	12	4	1
UNIVERSITY OF PORTLAND	Oregon	130	20	110	1	4	18	42	31	5	0
PACIFIC UNIVERSITY	Oregon	124	35	89	1	16	28	34	19	2	0
WASHINGTON STATE UNIVERSITY	Washington	106	21	85	1	7	29	39	19	6	0
STANFORD UNIVERSITY	California	102	40	62	3	4	7	17	22	35	13
UNIVERSITY OF SAN FRANCISCO	California	102	21	81	2	7	21	42	23	6	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	97	22	75	2	13	26	23	19	16	1
SEATTLE UNIVERSITY	Washington	93	15	78	1	5	19	44	25	5	0
U OF HAWAII-HAWAII COMMUNITY COLLEGE	Hawaii	92	31	61	18	45	24	9	4	0	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	91	38	53	3	16	32	30	14	4	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	88	17	71	5	9	17	19	26	24	0
BRIGHAM YOUNG UNIVERSITY	Utah	76	48	28	3	7	25	30	22	12	1
SANTA CLARA UNIVERSITY	California	76	20	56	0	0	13	30	32	25	0
CREIGHTON UNIVERSITY	Nebraska	68	17	51	0	3	21	38	32	4	1
UNIVERSITY OF THE PACIFIC	California	68	16	52	1	7	10	40	28	13	0
SAN DIEGO STATE UNIVERSITY	California	61	15	46	2	21	25	36	11	5	0
All Other Institutions		4,471	1,135	3,336	6	15	24	26	18	10	1
Total		10,927	3,447	7,480	7	17	26	26	16	7	1

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: 5,345

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	4,731	942,769	19.0	21.3	6.7	7.0	18.6	20.5
Black/African American	70	114,751	16.4	16.3	6.0	6.1	16.1	16.0
American Indian/Alaska Native	8	6,031	16.4	16.8	5.4	6.1	15.5	16.4
White	384	518,407	22.1	22.9	7.1	7.2	21.2	21.9
Hispanic/Latino	523	151,504	17.8	18.6	6.4	6.8	17.4	18.3
Asian	1,909	54,580	19.4	23.5	6.8	7.6	19.0	22.7
Native Hawaiian/Other Pac. Isl.	405	2,812	15.6	19.5	6.2	6.9	15.5	19.2
Two or more races	1,172	35,355	19.6	21.5	6.8	7.0	19.1	20.6
Prefer not/No Response	260	59,329	18.1	21.8	6.3	7.1	17.5	20.9
Males	2,069	423,104	18.2	21.0	6.3	6.7	17.7	20.1
Females	2,635	513,945	19.8	21.6	7.0	7.2	19.4	20.9
Missing	27	5,720	12.7	16.6	5.5	6.3	12.8	16.5

