



Profile Report - State

Graduating Class 2015
Public High School Students
Hawaii

Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Who Met College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT College Reportable Scores by Test Session Duration	
Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration	
Section II: Academic Achievement	Page 11
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Who Met College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
Section III: College Readiness & Impact of Course Rigor	Page 17
Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
Section IV: Career and Educational Aspirations	Page 25
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
Section V: Optional Writing Test Results	Page 29
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

This report provides information about the performance of your 2015 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 2015. 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 in August of 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

10% 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: 10,304 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. 51% 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, 2% were college ready. 26% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 5% of these students were college ready. In comparison, 37% 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 13% of the cohort took less than three years of natural science courses. 5% of these students were college ready. In comparison, 21% 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 71% 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

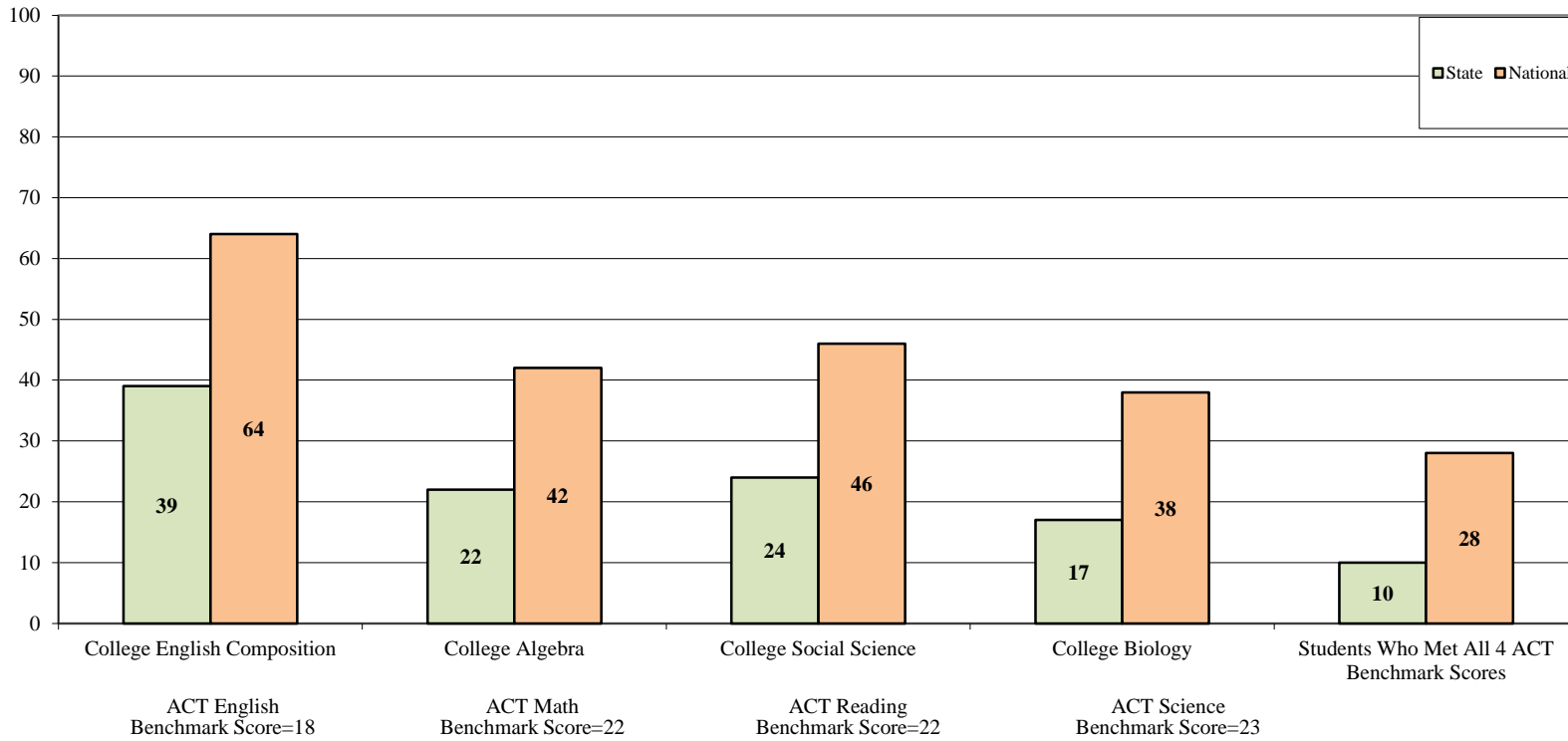
Executive Summary

Beginning in August of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included.

Also beginning in August 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
2011	2,027	1,623,112	57	66	38	45	41	52	20	30	16	25
2012	2,234	1,666,017	55	67	38	46	40	52	21	31	16	25
2013	3,900	1,799,243	46	64	33	44	28	44	21	36	13	26
2014	10,233	1,845,787	36	64	21	43	21	44	15	37	9	26
2015	10,304	1,924,436	39	64	22	42	24	46	17	38	10	28

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
2011	2,027	1,623,112	18.9	20.6	20.2	21.1	19.8	21.3	19.8	20.9	19.8	21.1
2012	2,234	1,666,017	18.7	20.5	20.2	21.1	19.7	21.3	19.8	20.9	19.7	21.1
2013	3,900	1,799,243	17.3	20.2	19.5	20.9	18.6	21.1	18.7	20.7	18.6	20.9
2014	10,233	1,845,787	15.9	20.3	18.2	20.9	17.5	21.3	17.3	20.8	17.3	21.0
2015	10,304	1,924,436	16.2	20.4	18.2	20.8	17.7	21.4	17.6	20.9	17.5	21.0

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
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
2014	1,845,787	20.3	20.9	21.3	20.8	21.0
2015	1,924,436	20.4	20.8	21.4	20.9	21.0

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
2011	1,625	383	80	19	19.6	16.1	20.8	17.8	20.4	17.4	20.3	17.7	20.4	17.4
2012	1,778	421	80	19	19.1	16.8	20.6	18.4	20.1	18.1	20.2	18.2	20.1	18.0
2013	2,645	1,061	68	27	18.6	14.9	20.3	17.7	19.6	16.6	19.6	16.8	19.7	16.6
2014	5,399	3,425	53	33	17.6	14.2	19.4	16.9	19.0	15.8	18.7	15.8	18.8	15.8
2015	5,233	3,416	51	33	18.0	14.3	19.6	16.9	19.3	16.1	19.2	16.1	19.1	15.9

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/Ethnicity

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	2,027	100	19.8	2,234	100	19.7	3,900	100	18.6	10,233	100	17.3	10,304	100	17.5
Black/African American	49	2	17.7	49	2	18.4	77	2	17.3	135	1	17.2	130	1	17.1
American Indian/Alaska Native	3	0	18.0	1	0	18.0	9	0	16.4	16	0	15.0	13	0	17.2
White	216	11	22.4	208	9	22.0	288	7	21.0	771	8	20.1	764	7	20.6
Hispanic/Latino	126	6	19.5	229	10	19.7	470	12	17.9	1,211	12	17.2	1,311	13	17.1
Asian	965	48	19.9	881	39	20.1	1,556	40	19.0	3,195	31	17.9	3,271	32	18.4
Native Hawaiian/Other Pacific Islander	180	9	16.4	284	13	16.8	365	9	15.8	1,334	13	14.8	1,254	12	14.5
Two or more races	382	19	20.6	491	22	19.8	936	24	19.1	2,472	24	17.8	2,692	26	18.0
Prefer not to respond/No response	106	5	18.4	91	4	19.3	199	5	17.2	1,099	11	16.0	869	8	15.4

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

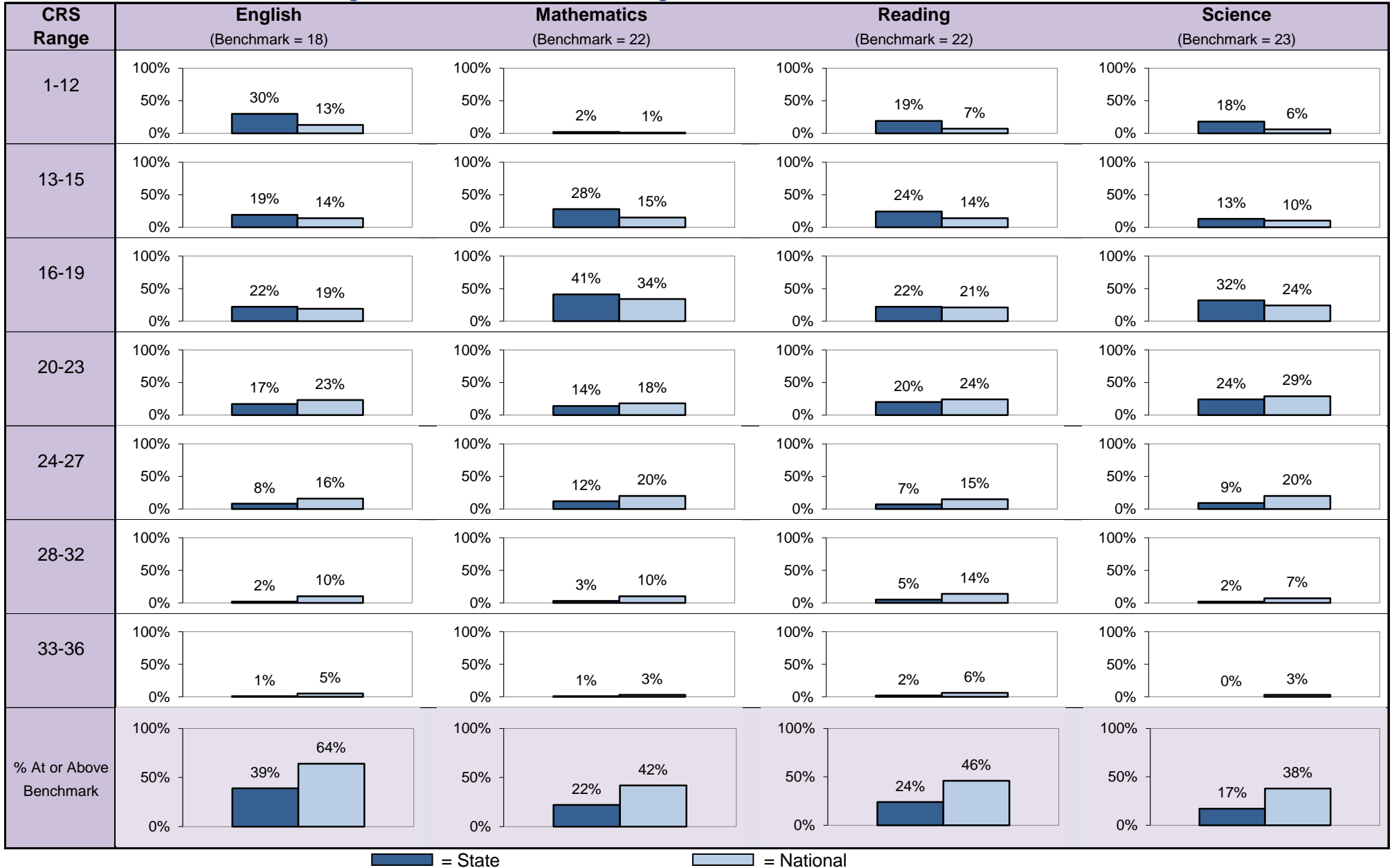


Table 1.7. Average ACT College Reportable Scores by Test Session Duration

Student Group	Test Session Duration	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Standard Time	10,152	99	16.2	18.3	17.7	17.7	17.6
	Extended Time	152	1	12.1	15.3	14.0	14.8	14.2
	Total	10,304	100	16.2	18.2	17.7	17.6	17.5
National	Standard Time	1,838,433	96	20.6	21.0	21.5	21.1	21.2
	Extended Time	86,003	4	16.5	18.1	18.8	18.3	18.1
	Total	1,924,436	100	20.4	20.8	21.4	20.9	21.0

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	39	22	25	17	10
	Extended Time	11	8	8	5	4
	Total	39	22	24	17	10
National	Standard Time	65	43	47	39	28
	Extended Time	38	22	32	23	16
	Total	64	42	46	38	28

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.

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	5	100	10	100	28	100	8	100	1	100	36
35	17	100	10	100	9	100	11	100	7	100	35
34	40	100	18	100	66	100	20	100	9	100	34
33	58	99	14	100	80	99	8	100	18	100	33
32	33	99	37	99	78	98	34	100	31	100	32
31	48	99	27	99	106	97	31	99	46	99	31
30	47	98	38	99	110	96	24	99	55	99	30
29	44	98	75	99	122	95	49	99	70	98	29
28	68	97	116	98	125	94	85	98	106	98	28
27	148	97	212	97	154	93	93	97	146	97	27
26	152	95	247	95	164	91	243	96	167	95	26
25	180	94	346	92	188	90	333	94	246	94	25
24	331	92	430	89	250	88	285	91	315	91	24
23	293	89	414	85	457	86	543	88	403	88	23
22	396	86	284	81	575	81	609	83	411	84	22
21	472	82	427	78	347	76	466	77	543	80	21
20	569	77	272	74	726	72	895	72	572	75	20
19	615	72	557	71	462	65	660	64	649	69	19
18	476	66	929	66	511	61	688	57	790	63	18
17	459	61	1,118	57	830	56	658	51	841	56	17
16	768	57	1,638	46	511	48	1,339	44	904	47	16
15	820	49	1,582	30	969	43	652	31	877	39	15
14	596	41	939	15	570	33	84	25	938	30	14
13	578	36	338	5	930	28	625	24	849	21	13
12	508	30	155	2	840	19	552	18	706	13	12
11	581	25	31	1	365	11	441	13	392	6	11
10	750	19	23	1	461	7	356	8	137	2	10
9	409	12	9	1	117	3	333	5	47	1	9
8	456	8	1	1	6	1	90	2	12	1	8
7	233	4	4	1	75	1	50	1	10	1	7
6	92	1	2	1	40	1	20	1	3	1	6
5	39	1	0	1	21	1	1	1	3	1	5
4	11	1	0	1	1	1	12	1	0	1	4
3	3	1	0	1	2	1	0	1	0	1	3
2	2	1	0	1	5	1	4	1	0	1	2
1	7	1	1	1	3	1	2	1	0	1	1
Avg (SD)	16.2 (5.9)		18.2 (4.3)		17.7 (5.8)		17.6 (5.1)		17.5 (4.7)		Avg (SD)

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

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

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	83	100	35	100	99	100	141	100	85	100	19	100	18	100	18
17	158	99	16	100	148	99	256	99	108	99	24	100	5	100	17
16	117	98	147	100	158	98	360	96	174	98	57	100	105	100	16
15	117	97	228	98	397	96	126	93	243	96	141	99	149	99	15
14	301	95	301	96	243	92	460	91	314	94	360	98	415	97	14
13	231	92	388	93	579	90	503	87	764	91	577	94	766	93	13
12	475	90	521	89	506	84	586	82	605	84	501	89	618	86	12
11	639	86	832	84	590	79	627	76	591	78	1,362	84	763	80	11
10	1,103	79	827	76	1,475	74	699	70	767	72	1,158	70	1,928	72	10
9	895	69	1,365	68	989	59	738	64	1,285	65	2,385	59	1,218	54	9
8	936	60	1,159	55	1,221	50	1,449	56	1,435	52	1,407	36	1,237	42	8
7	991	51	1,115	44	1,105	38	778	42	1,502	38	1,090	22	1,233	30	7
6	1,019	41	1,101	33	1,707	27	1,467	35	1,302	24	70	12	903	18	6
5	1,004	31	612	22	632	11	753	21	516	11	682	11	93	9	5
4	914	22	1,104	16	39	4	915	13	480	6	60	5	531	8	4
3	859	13	400	5	258	4	250	4	96	1	321	4	46	3	3
2	382	4	131	1	105	2	187	2	30	1	14	1	219	3	2
1	80	1	22	1	53	1	9	1	7	1	76	1	57	1	1
Avg (SD)	7.7 (3.6)		8.2 (3.3)		8.9 (3.3)		8.7 (3.8)		8.9 (3.2)		9.2 (2.7)		9.1 (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)	20	21	21	21	20
Q2 (50th Percentile)	16	17	17	17	17
Q1 (25th Percentile)	11	15	13	15	14

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	10,304	51	19.1	15.9
	Black/African American	130	50	19.2	15.6
	American Indian/Alaska Native	13	23	21.0	16.7
	White	764	62	21.8	18.4
	Hispanic/Latino	1,311	51	18.5	15.7
	Asian	3,271	57	19.7	16.6
	Native Hawaiian/Other Pac. Isl.	1,254	36	15.7	13.9
	Two or more races	2,692	54	19.2	16.5
	Prefer not/No Response	869	28	17.5	14.6
National	All Students	1,924,436	72	21.9	18.9
	Black/African American	252,566	67	17.8	15.9
	American Indian/Alaska Native	14,711	61	19.0	16.5
	White	1,057,803	76	23.2	20.2
	Hispanic/Latino	299,920	71	19.6	17.4
	Asian	87,499	79	24.5	22.0
	Native Hawaiian/Other Pac. Isl.	6,090	62	20.3	16.5
	Two or more races	76,066	73	22.0	19.3
	Prefer not/No Response	129,781	54	22.6	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.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	16.2	18.2	17.7	17.6	17.5
	Black/African American	15.9	17.3	17.6	17.0	17.1
	American Indian/Alaska Native	15.5	18.0	18.2	16.7	17.2
	White	20.1	20.0	21.6	20.3	20.6
	Hispanic/Latino	15.9	17.5	17.5	17.0	17.1
	Asian	16.9	19.4	18.1	18.7	18.4
	Native Hawaiian/Other Pac. Isl.	12.5	15.9	14.4	14.8	14.5
	Two or more races	16.8	18.4	18.3	17.9	18.0
	Prefer not/No Response	13.7	16.6	15.5	15.6	15.4
National	All Students	20.4	20.8	21.4	20.9	21.0
	Black/African American	15.9	17.2	17.4	17.3	17.1
	American Indian/Alaska Native	16.6	18.1	18.4	18.2	17.9
	White	22.1	21.9	22.9	22.2	22.4
	Hispanic/Latino	17.8	19.1	19.2	19.0	18.9
	Asian	23.0	25.0	23.3	23.6	23.9
	Native Hawaiian/Other Pac. Isl.	17.7	19.2	18.9	18.8	18.8
	Two or more races	20.7	20.8	21.8	21.1	21.2
	Prefer not/No Response	19.9	20.5	21.1	20.5	20.6

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	120	1	52	1	183	2	47	0
	28 to 32	240	2	293	3	541	5	223	2
	24 to 27	811	8	1,235	12	756	7	954	9
	20 to 23	1,730	17	1,397	14	2,105	20	2,513	24
	16 to 19	2,318	22	4,242	41	2,314	22	3,345	32
	13 to 15	1,994	19	2,859	28	2,469	24	1,361	13
	01 to 12	3,091	30	226	2	1,936	19	1,861	18
National	33 to 36	100,774	5	54,201	3	114,663	6	62,731	3
	28 to 32	198,676	10	185,515	10	261,565	14	140,666	7
	24 to 27	303,299	16	384,130	20	281,364	15	388,063	20
	20 to 23	444,997	23	352,854	18	463,232	24	559,967	29
	16 to 19	357,690	19	646,399	34	409,189	21	462,353	24
	13 to 15	277,710	14	283,831	15	264,288	14	200,383	10
	01 to 12	241,290	13	17,506	1	130,135	7	110,273	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	5,168	50	15.5	18.3	17.1	17.4	17.2
	Females	5,092	49	16.9	18.2	18.3	17.9	17.9
	Missing	44	0	11.2	15.0	13.6	13.5	13.5
National	Males	895,775	47	20.0	21.3	21.2	21.3	21.1
	Females	1,013,212	53	20.8	20.4	21.6	20.6	21.0
	Missing	15,449	1	15.7	17.7	17.6	17.5	17.3

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	34	23	23	18	11
	Females	44	21	26	17	10
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

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	5,233	52	18.0	32	19.6	33	19.3	25	19.2	16	19.1
	Less than Core	3,416	25	14.3	12	16.9	16	16.1	9	16.1	5	15.9
	Missing ³	1,655	26	14.2	13	16.9	16	15.9	10	15.9	5	15.8
National	Core or More	1,389,338	71	21.4	49	21.7	52	22.3	44	21.8	33	21.9
	Less than Core	424,562	48	18.0	27	18.9	32	19.3	24	19.0	16	18.9
	Missing	110,536	38	16.3	19	17.8	25	18.0	19	17.8	11	17.6

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

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

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

⁴ Composite CRB% results reflect students who 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	7,128	45	17.1	7,907	26	18.8	6,630	30	18.7	7,444	21	18.4
	Less than Core	1,732	22	13.6	905	2	15.3	2,108	13	15.5	1,313	5	15.1
	Missing ³	1,444	28	14.5	1,492	14	17.0	1,566	16	16.0	1,547	10	16.0
National	Core or More	1,732,463	67	20.8	1,743,121	45	21.2	1,627,689	49	21.8	1,592,830	42	21.5
	Less than Core	93,944	36	15.9	78,951	8	16.3	194,720	34	19.5	227,926	18	18.1
	Missing	98,029	40	16.5	102,364	20	17.8	102,027	26	18.1	103,680	20	18.0

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

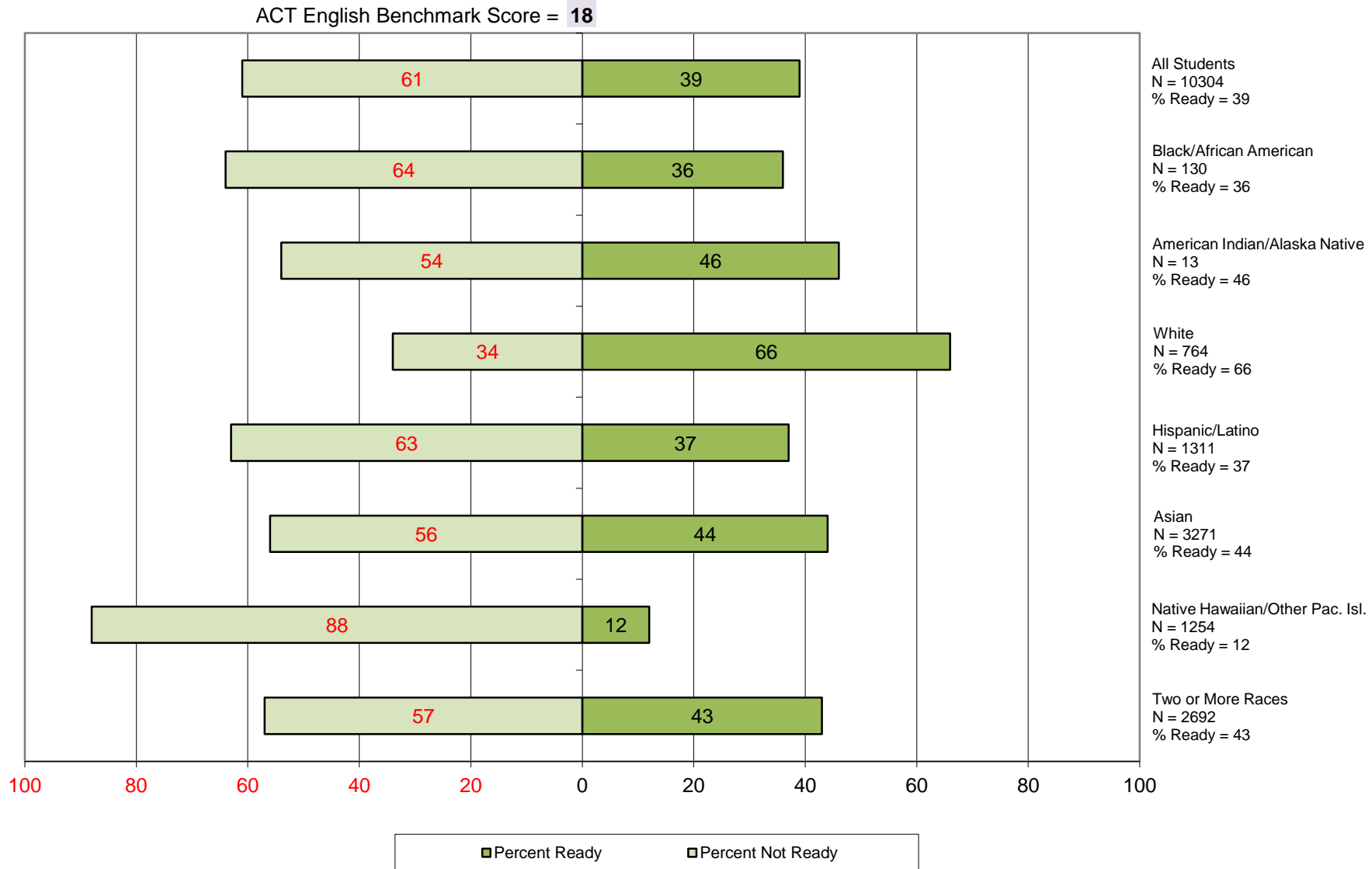


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

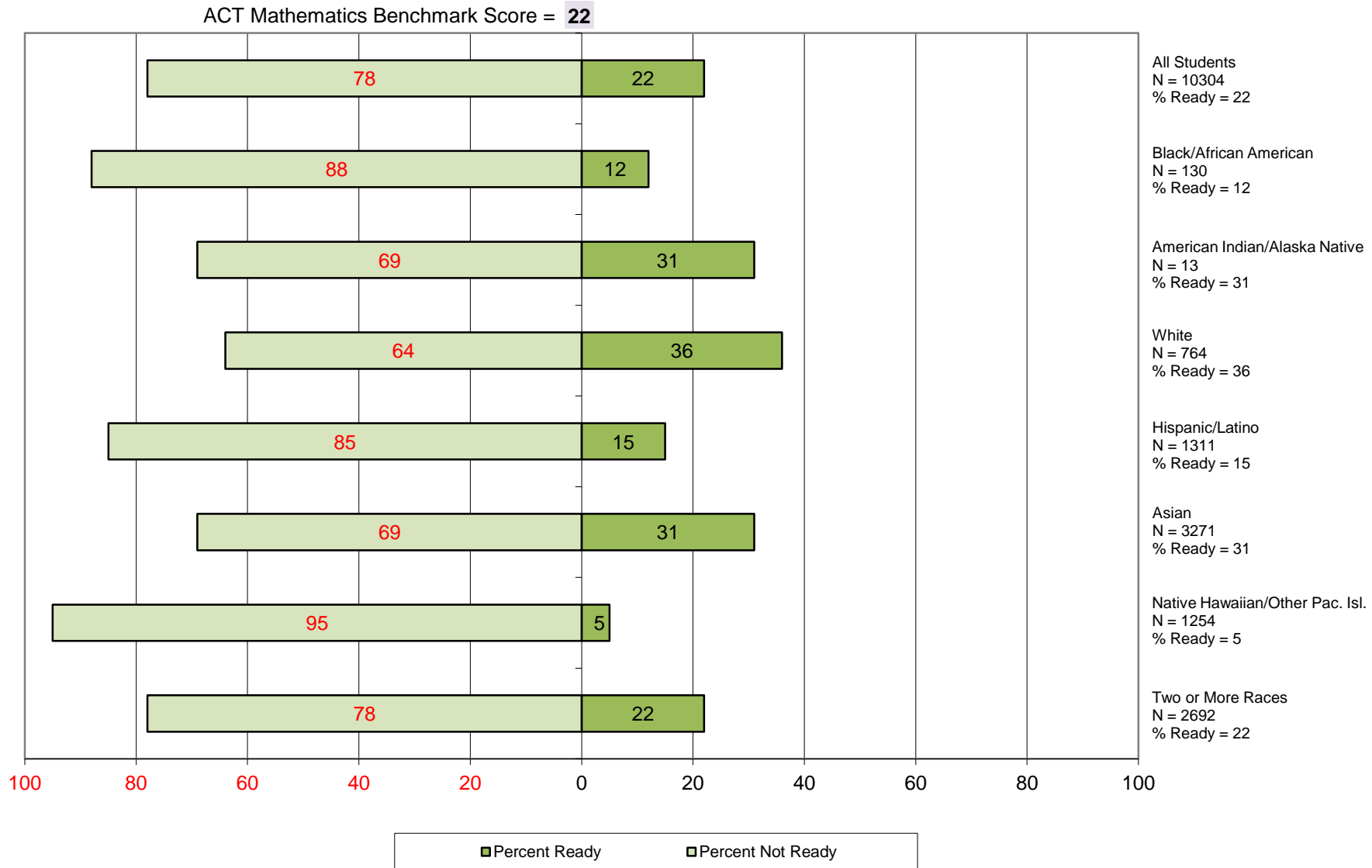


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

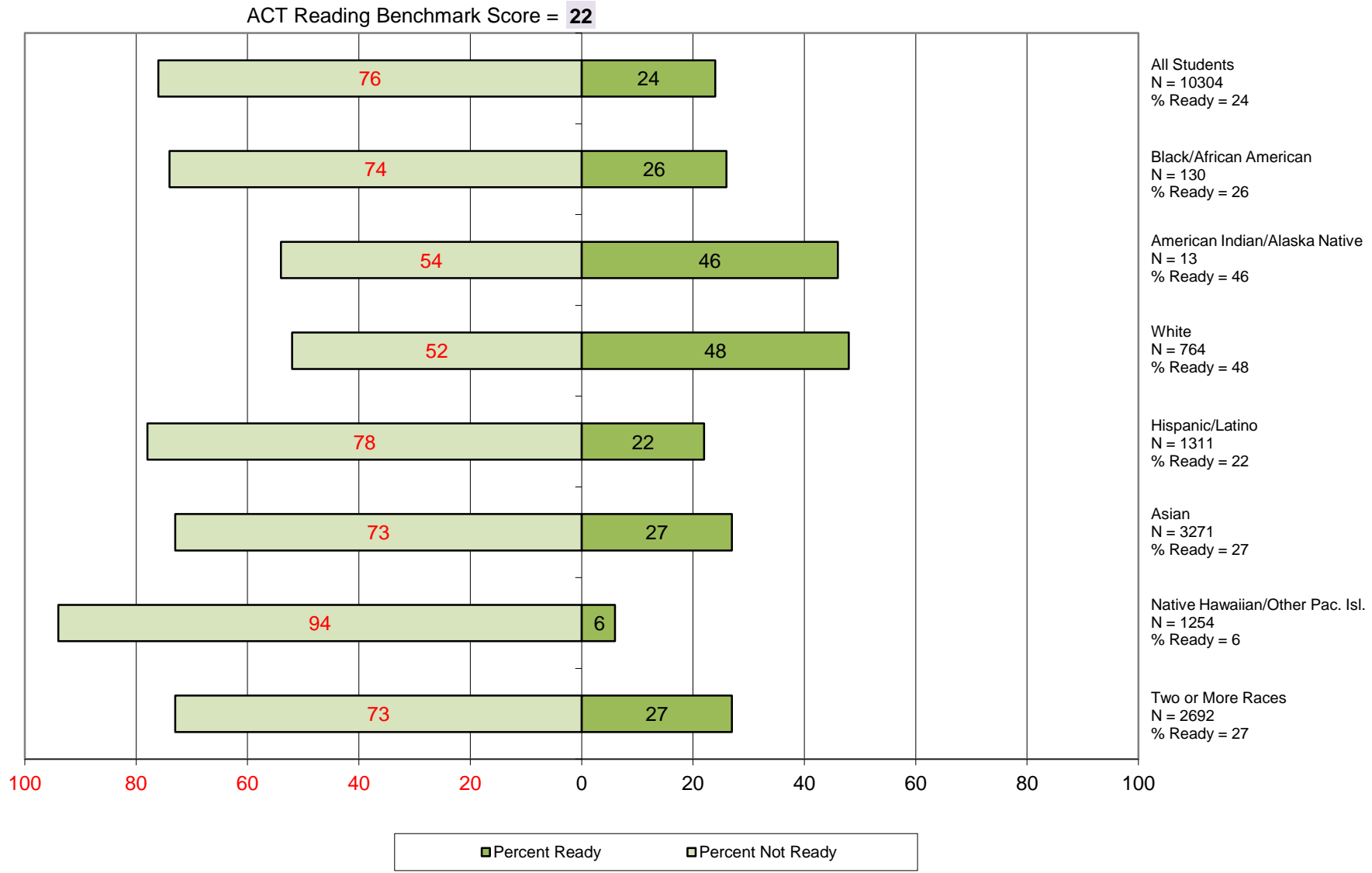


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

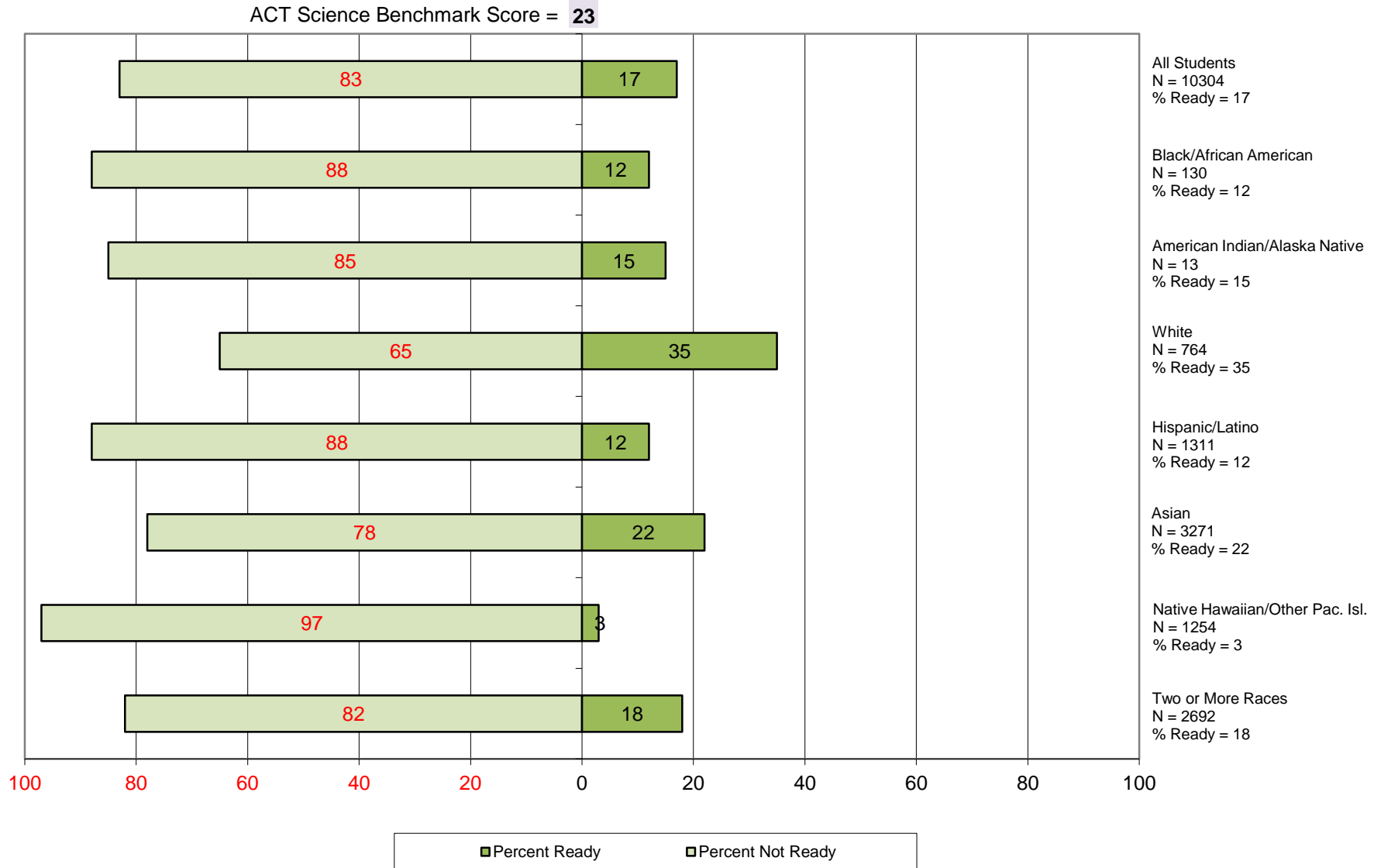


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

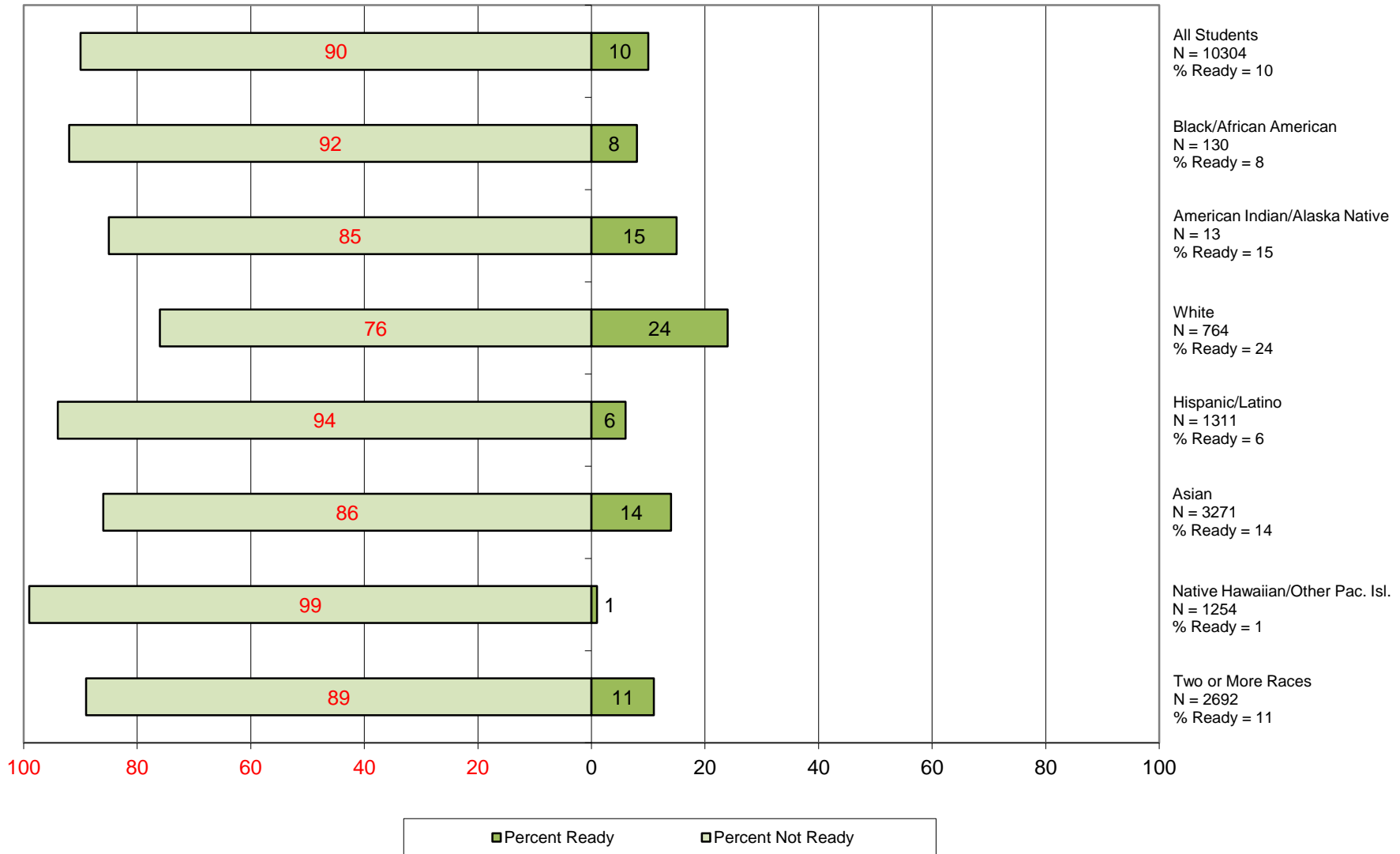


Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

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	807	8	18.4	4.8	345	7	17.3	4.3	462	9	19.2	4.7
Eng 9, Eng 10, Eng 11, Eng 12	6,321	61	17.0	3.4	3,095	60	16.4	3.4	3,218	63	17.5	3.0
Less than 4 years of English	1,732	17	13.6	-	956	18	13.0	-	770	15	14.5	-
Zero years / no English courses reported	1,444	14	14.5	-	772	15	13.9	-	642	13	15.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	835	8	21.9	6.6	399	8	22.6	7.2	436	9	21.2	6.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	737	7	20.8	5.5	279	5	21.4	6.0	458	9	20.5	5.3
Alg 1, Alg 2, Geom, & Trig	1,243	12	18.6	3.3	569	11	18.9	3.5	673	13	18.5	3.3
Alg 1, Alg 2, Geom, & Other Adv Math	950	9	18.3	3.0	434	8	18.6	3.2	515	10	18.0	2.8
Other comb of 4 or more years of Math	1,312	13	21.7	6.4	663	13	21.8	6.4	649	13	21.6	6.4
Alg 1, Alg 2, & Geom	2,662	26	16.2	0.9	1,408	27	16.3	0.9	1,246	24	16.2	1.0
Other comb of 3 or 3.5 years of Math	168	2	17.4	2.1	94	2	17.4	2.0	74	1	17.4	2.2
Less than 3 years of Math	905	9	15.3	-	529	10	15.4	-	372	7	15.2	-
Zero years / no Math courses reported	1,492	14	17.0	-	793	15	17.1	-	669	13	17.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	872	8	18.5	3.0	452	9	18.2	3.1	419	8	18.8	2.6
Other comb of 4 or more years Social Science	3,089	30	19.3	3.8	1,400	27	18.9	3.8	1,687	33	19.8	3.6
US Hist, World Hist, & Am Gov	470	5	16.6	1.1	254	5	16.2	1.1	216	4	17.1	0.9
Other comb of 3 or 3.5 years of Social Science	2,199	21	18.4	2.9	1,031	20	17.9	2.8	1,166	23	18.9	2.7
Less than 3 years of Social Science	2,108	20	15.5	-	1,185	23	15.1	-	915	18	16.2	-
Zero years / no Social Science courses reported	1,566	15	16.0	-	846	16	15.6	-	689	14	16.5	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	3,167	31	19.1	4.0	1,618	31	19.3	4.6	1,547	30	18.8	3.3
Bio, Chem, Phys	680	7	20.6	5.5	314	6	21.0	6.3	365	7	20.3	4.8
Gen Sci ² , Bio, Chem	3,253	32	17.5	2.4	1,446	28	17.1	2.4	1,804	35	17.9	2.4
Other comb of 3 years of Natural Science	344	3	16.4	1.3	196	4	16.3	1.6	147	3	16.4	0.9
Less than 3 years of Natural Science	1,313	13	15.1	-	759	15	14.7	-	548	11	15.5	-
Zero years / no Natural Science courses reported	1,547	15	16.0	-	835	16	15.8	-	681	13	16.4	-

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.

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	807	8	18.4	53	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	6,321	61	17.0	44	1,359,318	71	20.6	65
Less than 4 years of English	1,732	17	13.6	22	93,944	5	15.9	36
Zero years / no English courses reported	1,444	14	14.5	28	98,029	5	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	835	8	21.9	52	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	737	7	20.8	44	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	1,243	12	18.6	24	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	950	9	18.3	17	362,476	19	19.4	30
Other comb of 4 or more years of Math	1,312	13	21.7	51	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	2,662	26	16.2	5	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	168	2	17.4	14	95,502	5	19.8	34
Less than 3 years of Math	905	9	15.3	2	78,951	4	16.3	8
Zero years / no Math courses reported	1,492	14	17.0	14	102,364	5	17.8	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	872	8	18.5	29	48,944	3	22.3	51
Other comb of 4 or more years Social Science	3,089	30	19.3	34	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	470	5	16.6	17	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	2,199	21	18.4	28	527,956	27	21.4	46
Less than 3 years of Social Science	2,108	20	15.5	13	194,720	10	19.5	34
Zero years / no Social Science courses reported	1,566	15	16.0	16	102,027	5	18.1	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	3,167	31	19.1	26	807,744	42	22.2	48
Bio, Chem, Phys	680	7	20.6	35	217,893	11	23.2	55
Gen Sci ¹ , Bio, Chem	3,253	32	17.5	13	512,754	27	20.1	30
Other comb of 3 years of Natural Science	344	3	16.4	8	54,439	3	19.1	24
Less than 3 years of Natural Science	1,313	13	15.1	5	227,926	12	18.1	18
Zero years / no Natural Science courses reported	1,547	15	16.0	10	103,680	5	18.0	20

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.

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	130	1	16.8	32	3	13.8	93	1	18.0
Architecture	122	1	18.5	9	1	13.4	107	2	19.1
Area, Ethnic, & Multidisciplinary Studies	23	0	17.5	5	0	16.6	17	0	18.1
Arts: Visual & Performing	829	8	17.5	114	11	15.1	665	10	18.1
Business	728	7	17.9	91	9	14.9	607	9	18.4
Communications	116	1	19.0	11	1	15.0	101	1	19.6
Community, Family, & Personal Services	495	5	16.1	108	10	15.0	360	5	16.6
Computer Science & Mathematics	229	2	20.2	22	2	17.2	202	3	20.6
Education	306	3	18.0	24	2	14.0	273	4	18.5
Engineering	786	8	19.5	88	8	15.2	674	10	20.2
Engineering Technology & Drafting	233	2	17.1	56	5	14.7	167	2	18.1
English & Foreign Languages	115	1	19.3	8	1	15.8	101	1	19.9
Health Administration & Assisting	274	3	16.5	39	4	14.5	220	3	16.9
Health Sciences & Technologies	1,629	16	18.5	86	8	14.8	1,486	22	18.8
Philosophy, Religion, & Theology	29	0	18.2	1	0	11.0	25	0	18.6
Repair, Production, & Construction	219	2	15.5	75	7	14.9	129	2	15.9
Sciences: Biological & Physical	364	4	20.5	15	1	13.3	336	5	20.9
Social Sciences & Law	530	5	18.7	19	2	14.7	489	7	18.8
Undecided	549	5	18.6	75	7	15.6	420	6	19.4
No Response	2,498	24	15.6	135	13	13.6	277	4	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).

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	259	14.8	2	18.5	0	.	7	17.0	51	15.5
2-yr College Degree	791	14.7	8	15.8	3	11.3	34	16.0	101	15.2
Bachelors Degree	4,261	17.7	64	17.0	2	18.5	328	20.4	560	17.3
Graduate Study	1,025	20.1	13	17.9	2	16.5	110	23.4	121	18.5
Prof. Level Degree	1,512	20.2	20	19.1	3	23.0	146	22.7	191	19.0
Other	238	15.0	2	20.0	1	13.0	11	17.0	30	15.1
No Response	2,218	15.9	21	14.9	2	19.0	128	18.2	257	16.0

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	259	14.8	58	14.7	46	13.0	61	15.7	34	14.1
2-yr College Degree	791	14.7	220	14.6	137	13.4	211	15.3	77	14.5
Bachelors Degree	4,261	17.7	1,419	18.2	502	15.2	1,156	17.9	230	16.1
Graduate Study	1,025	20.1	381	20.8	87	15.4	276	20.4	35	18.5
Prof. Level Degree	1,512	20.2	530	21.3	115	15.8	418	19.9	89	18.9
Other	238	15.0	55	15.1	48	13.6	60	16.1	31	13.9
No Response	2,218	15.9	608	17.0	319	13.6	510	16.8	373	14.3

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	3,486	1,549	1,937	9	22	34	23	9	3	0
UNIVERSITY OF HAWAII AT HILO	Hawaii	1,124	370	754	13	32	32	16	5	2	0
HAWAII PACIFIC UNIVERSITY	Hawaii	1,006	199	807	9	23	37	23	7	1	0
UNIVERSITY OF HAWAII-WEST OAHU	Hawaii	859	170	689	13	28	35	19	4	1	0
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	796	247	549	16	36	29	15	3	1	0
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	793	228	565	17	35	32	13	3	0	0
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	768	215	553	13	33	35	15	4	1	0
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	698	216	482	8	26	44	18	3	1	0
U OF HAWAII-HAWAII COMMUNITY COLLEGE	Hawaii	598	225	373	20	39	29	9	2	1	0
UNIVERSITY OF OREGON	Oregon	555	163	392	7	23	31	24	10	3	0
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	529	113	416	8	26	40	18	7	1	0
UNIVERSITY OF WASHINGTON	Washington	497	128	369	4	12	27	31	18	7	1
U OF HAWAII-MAUI COLLEGE	Hawaii	457	172	285	19	36	31	12	2	1	0
STATE-NO COLLEGE PLANS	Iowa	451	451	0	27	39	22	9	3	1	0
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	430	129	301	4	17	32	28	12	7	1
OREGON STATE UNIVERSITY	Oregon	337	79	258	10	26	26	21	12	4	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	302	86	216	4	19	32	25	14	5	1
UNIVERSITY OF PORTLAND	Oregon	272	54	218	2	10	32	36	17	4	0
U OF HAWAII-WINDWARD COMMUNITY COLLEGE	Hawaii	264	45	219	17	34	31	14	4	0	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	248	70	178	2	10	22	25	23	16	2
SAN DIEGO STATE UNIVERSITY	California	233	66	167	6	21	36	26	9	3	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	214	73	141	16	26	28	17	8	5	0
SEATTLE UNIVERSITY	Washington	199	27	172	2	11	35	30	19	4	0
U OF HAWAII-KAUAI COMMUNITY COLLEGE	Hawaii	195	55	140	25	32	32	9	1	1	0
UNIVERSITY OF SAN FRANCISCO	California	193	44	149	5	11	28	37	14	5	1
CALIFORNIA STATE UNIV-LOS ANGELES	California	191	44	147	13	36	31	16	4	1	0
ART INST OF CALIFORNIA-LOS ANGELES	California	190	45	145	13	33	35	15	4	1	0
WASHINGTON STATE UNIVERSITY	Washington	181	44	137	4	15	33	33	12	3	1
CALIFORNIA STATE UNIV-LONG BEACH	California	180	42	138	14	35	31	14	5	1	0
NCAA ELIGIBILITY CENTER	Indiana	178	64	114	8	25	40	15	8	2	0
All Other Institutions		11,291	2,770	8,521	10	23	30	20	12	4	1
Total		27,715	8,183	19,532	11	25	32	20	9	3	0

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.

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	9,953	1,108,908	16.1	21.0	5.9	6.9	15.7	20.2
Black/African American	118	136,380	16.0	16.3	5.9	6.0	15.6	15.9
American Indian/Alaska Native	12	7,142	16.1	16.5	5.7	5.9	15.7	16.0
White	720	567,060	20.0	22.8	6.5	7.1	19.1	21.8
Hispanic/Latino	1,266	196,970	15.8	18.4	5.9	6.7	15.5	18.1
Asian	3,166	68,736	16.9	23.9	6.2	7.6	16.6	23.0
Native Hawaiian/Other Pac. Isl.	1,205	4,070	12.4	18.0	5.1	6.5	12.2	17.6
Two or more races	2,622	45,517	16.7	21.3	5.9	6.9	16.2	20.4
Prefer not/No Response	844	83,033	13.7	20.8	5.2	6.7	13.3	19.9
Males	5,001	507,737	15.4	20.7	5.5	6.6	14.9	19.7
Females	4,911	590,537	16.9	21.4	6.2	7.1	16.6	20.8
Missing	41	10,634	11.3	16.0	4.3	5.6	10.8	15.4

