



# Profile Report - State

Graduating Class 2015

Hawaii





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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](http://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](http://www.act.org)

## How to Improve Scores and Increase College Readiness

15% 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:** 11,957 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. 54% 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 8% of the cohort took less than three years of math courses. Of these students, 2% were college ready. 23% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 6% of these students were college ready. In comparison, 45% 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 11% of the cohort took less than three years of natural science courses. 7% of these students were college ready. In comparison, 27% 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 64% 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](http://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](mailto:customerservices@act.org).

# Section I

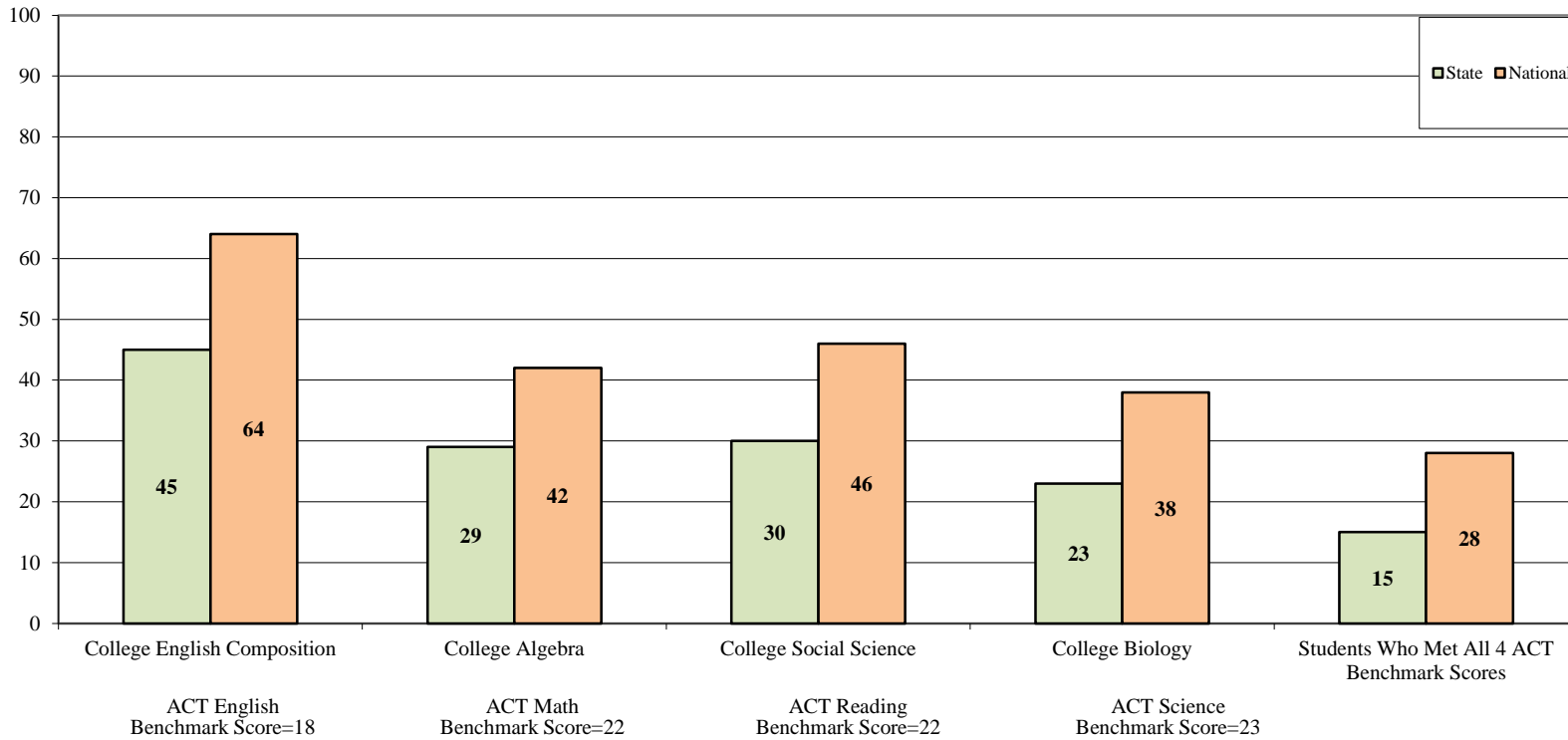
## Executive Summary

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.



Total Students in Report: 11,957

**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	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
2014	11,797	1,845,787	42	64	27	43	26	44	20	37	13	26
<b>2015</b>	<b>11,957</b>	<b>1,924,436</b>	<b>45</b>	<b>64</b>	<b>29</b>	<b>42</b>	<b>30</b>	<b>46</b>	<b>23</b>	<b>38</b>	<b>15</b>	<b>28</b>

**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	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
2014	11,797	1,845,787	16.9	20.3	19.0	20.9	18.3	21.3	18.1	20.8	18.2	21.0
<b>2015</b>	<b>11,957</b>	<b>1,924,436</b>	<b>17.2</b>	<b>20.4</b>	<b>19.1</b>	<b>20.8</b>	<b>18.6</b>	<b>21.4</b>	<b>18.4</b>	<b>20.9</b>	<b>18.5</b>	<b>21.0</b>

**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
<b>2015</b>	<b>1,924,436</b>	<b>20.4</b>	<b>20.8</b>	<b>21.4</b>	<b>20.9</b>	<b>21.0</b>

Total Students in Report: 11,957

**Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation**

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	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	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
2014	6,509	3,860	55	33	18.5	15.3	20.2	17.8	19.8	16.8	19.5	16.7	19.6	16.8
<b>2015</b>	<b>6,412</b>	<b>3,873</b>	<b>54</b>	<b>32</b>	<b>19.1</b>	<b>15.5</b>	<b>20.4</b>	<b>17.8</b>	<b>20.2</b>	<b>17.1</b>	<b>19.9</b>	<b>17.1</b>	<b>20.0</b>	<b>17.0</b>

<sup>1</sup>"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.

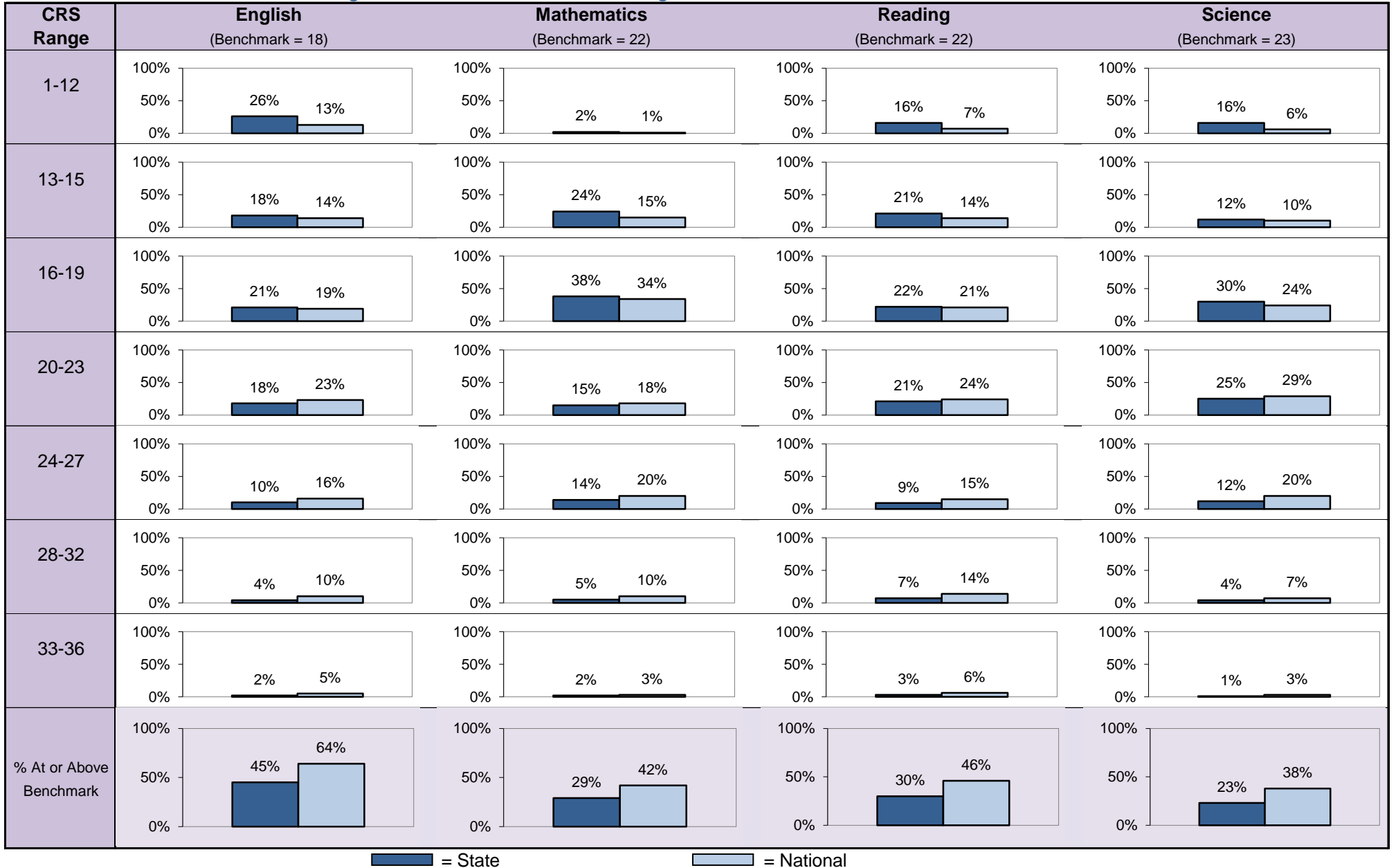
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**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
<b>All Students</b>	<b>3,259</b>	<b>100</b>	<b>21.3</b>	<b>3,616</b>	<b>100</b>	<b>21.3</b>	<b>5,345</b>	<b>100</b>	<b>20.1</b>	<b>11,797</b>	<b>100</b>	<b>18.2</b>	<b>11,957</b>	<b>100</b>	<b>18.5</b>
Black/African American	57	2	18.1	55	2	18.7	82	2	17.7	142	1	17.4	136	1	17.3
American Indian/Alaska Native	7	0	21.6	2	0	23.5	10	0	17.0	17	0	15.8	13	0	17.2
White	427	13	23.3	397	11	23.4	462	9	22.3	993	8	21.1	965	8	21.5
Hispanic/Latino	199	6	20.6	338	9	20.7	583	11	18.9	1,315	11	17.6	1,461	12	17.7
Asian	1,491	46	21.5	1,406	39	21.8	2,072	39	20.6	3,719	32	18.9	3,827	32	19.4
Native Hawaiian/Other Pacific Islander	278	9	18.0	413	11	18.1	496	9	17.2	1,483	13	15.4	1,399	12	15.2
Two or more races	651	20	21.9	855	24	21.4	1,362	25	20.4	2,953	25	18.8	3,205	27	18.9
Prefer not to respond/No response	149	5	19.6	150	4	21.0	278	5	19.4	1,175	10	16.5	951	8	16.2

Total Students in Report: 11,957

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



Total Students in Report: 11,957

**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	11,758	98	17.3	19.1	18.6	18.5	18.5
	Extended Time	199	2	14.8	17.2	16.7	16.9	16.5
	Total	11,957	100	17.2	19.1	18.6	18.4	18.5
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	46	29	30	23	15
	Extended Time	28	20	21	17	14
	Total	45	29	30	23	15
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.

Total Students in Report: 11,957

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	14	100	36	100	54	100	24	100	4	100	36
35	57	100	35	100	28	100	39	100	25	100	35
34	103	99	69	99	133	99	57	99	44	100	34
33	112	99	47	99	160	98	37	99	57	99	33
32	89	98	69	98	145	97	74	99	76	99	32
31	101	97	78	98	177	96	53	98	102	98	31
30	108	96	96	97	180	94	56	98	132	97	30
29	86	95	154	96	187	93	97	97	147	96	29
28	131	94	224	95	194	91	149	96	201	95	28
27	217	93	325	93	221	89	168	95	236	93	27
26	243	91	388	91	242	88	356	94	269	91	26
25	303	89	449	87	247	86	469	91	363	89	25
24	439	87	558	84	366	84	441	87	437	86	24
23	416	83	523	79	565	80	697	83	536	82	23
22	515	80	375	74	682	76	717	77	528	78	22
21	579	75	498	71	457	70	605	71	652	74	21
20	671	71	347	67	820	66	1,004	66	669	68	20
19	679	65	630	64	545	59	762	58	731	63	19
18	550	59	1,011	59	586	55	753	51	865	56	18
17	511	55	1,218	51	874	50	702	45	911	49	17
16	814	50	1,693	40	573	43	1,389	39	945	42	16
15	878	44	1,609	26	1,019	38	685	28	903	34	15
14	627	36	953	13	589	29	102	22	954	26	14
13	591	31	346	5	954	24	644	21	857	18	13
12	518	26	155	2	848	16	560	16	708	11	12
11	590	22	31	1	371	9	446	11	393	5	11
10	757	17	23	1	468	6	359	7	137	2	10
9	411	11	9	1	118	2	333	4	47	1	9
8	457	7	1	1	6	1	90	1	12	1	8
7	236	3	4	1	76	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)	17.2 (6.4)		19.1 (4.9)		18.6 (6.2)		18.4 (5.5)		18.5 (5.3)		Avg (SD)

<sup>1</sup>CP 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: 11,957

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), 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	204	100	93	100	195	100	266	100	246	100	71	100	76	100	18
17	319	98	63	99	285	98	403	98	221	98	62	99	13	99	17
16	218	96	309	99	292	96	531	94	331	96	136	99	251	99	16
15	253	94	373	96	546	94	291	90	375	93	333	98	346	97	15
14	405	92	464	93	351	89	619	88	466	90	593	95	646	94	14
13	373	88	579	89	756	86	634	82	978	86	803	90	983	89	13
12	613	85	728	84	683	80	724	77	778	78	656	83	807	81	12
11	855	80	1,028	78	752	74	755	71	709	72	1,575	78	950	74	11
10	1,262	73	974	70	1,645	68	805	65	904	66	1,369	65	2,082	66	10
9	1,003	62	1,502	61	1,086	54	864	58	1,381	58	2,509	53	1,348	49	9
8	1,048	54	1,268	49	1,351	45	1,533	51	1,525	47	1,485	32	1,300	37	8
7	1,060	45	1,149	38	1,166	34	847	38	1,580	34	1,112	20	1,274	26	7
6	1,060	36	1,129	29	1,742	24	1,522	31	1,321	21	82	10	921	16	6
5	1,029	27	630	19	649	9	779	18	524	10	693	10	98	8	5
4	926	19	1,112	14	40	4	933	12	482	5	62	4	538	7	4
3	864	11	402	5	260	3	252	4	99	1	325	3	47	3	3
2	385	4	132	1	105	1	190	2	30	1	14	1	219	2	2
1	80	1	22	1	53	1	9	1	7	1	77	1	58	1	1
Avg (SD)	8.3 (4.0)		8.8 (3.5)		9.4 (3.5)		9.2 (4.0)		9.5 (3.5)		9.6 (2.9)		9.5 (3.2)		Avg (SD)

<sup>1</sup>CP 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)	21	23	22	22	22
Q2 (50th Percentile)	16	17	18	18	18
Q1 (25th Percentile)	12	15	14	15	14

Total Students in Report: 11,957

**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 <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>11,957</b>	<b>54</b>	<b>20.0</b>	<b>17.0</b>
	Black/African American	136	51	19.6	15.6
	American Indian/Alaska Native	13	23	21.0	16.7
	White	965	64	22.5	20.1
	Hispanic/Latino	1,461	54	19.0	16.2
	Asian	3,827	59	20.6	18.0
	Native Hawaiian/Other Pac. Isl.	1,399	40	16.8	14.3
	Two or more races	3,205	57	20.1	17.5
	Prefer not/No Response	951	31	18.7	15.4
National	<b>All Students</b>	<b>1,924,436</b>	<b>72</b>	<b>21.9</b>	<b>18.9</b>
	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

<sup>1</sup>"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	<b>All Students</b>	17.2	19.1	18.6	18.4	18.5
	Black/African American	16.1	17.5	17.9	17.2	17.3
	American Indian/Alaska Native	15.5	18.0	18.2	16.7	17.2
	White	21.1	21.0	22.4	21.2	21.5
	Hispanic/Latino	16.6	17.9	18.1	17.6	17.7
	Asian	18.1	20.4	19.1	19.5	19.4
	Native Hawaiian/Other Pac. Isl.	13.3	16.4	15.2	15.5	15.2
	Two or more races	17.9	19.3	19.2	18.7	18.9
	Prefer not/No Response	14.6	17.3	16.3	16.3	16.2
National	<b>All Students</b>	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



Total Students in Report: 11,957

**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	286	2	187	2	375	3	157	1
	28 to 32	515	4	621	5	883	7	429	4
	24 to 27	1,202	10	1,720	14	1,076	9	1,434	12
	20 to 23	2,181	18	1,743	15	2,524	21	3,023	25
	16 to 19	2,554	21	4,552	38	2,578	22	3,606	30
	13 to 15	2,096	18	2,908	24	2,562	21	1,431	12
	01 to 12	3,123	26	226	2	1,959	16	1,877	16
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	5,880	49	16.4	19.1	17.9	18.2	18.0
	Females	6,033	50	18.1	19.1	19.2	18.7	18.9
	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	40	29	28	23	15
	Females	51	28	32	22	15
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 11,957

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	6,412	58	19.1	38	20.4	39	20.2	31	19.9	21	20.0
	Less than Core	3,873	32	15.5	19	17.8	22	17.1	15	17.1	10	17.0
	Missing <sup>3</sup>	1,672	26	14.3	13	16.9	16	16.0	10	16.0	5	15.9
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

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> 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 <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	8,742	53	18.4	9,536	33	19.8	7,851	35	19.6	9,027	27	19.3
	Less than Core	1,754	22	13.7	912	2	15.3	2,523	22	17.1	1,366	7	15.3
	Missing <sup>3</sup>	1,461	29	14.6	1,509	14	17.0	1,583	16	16.0	1,564	11	16.1
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

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "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.

<sup>3</sup> 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

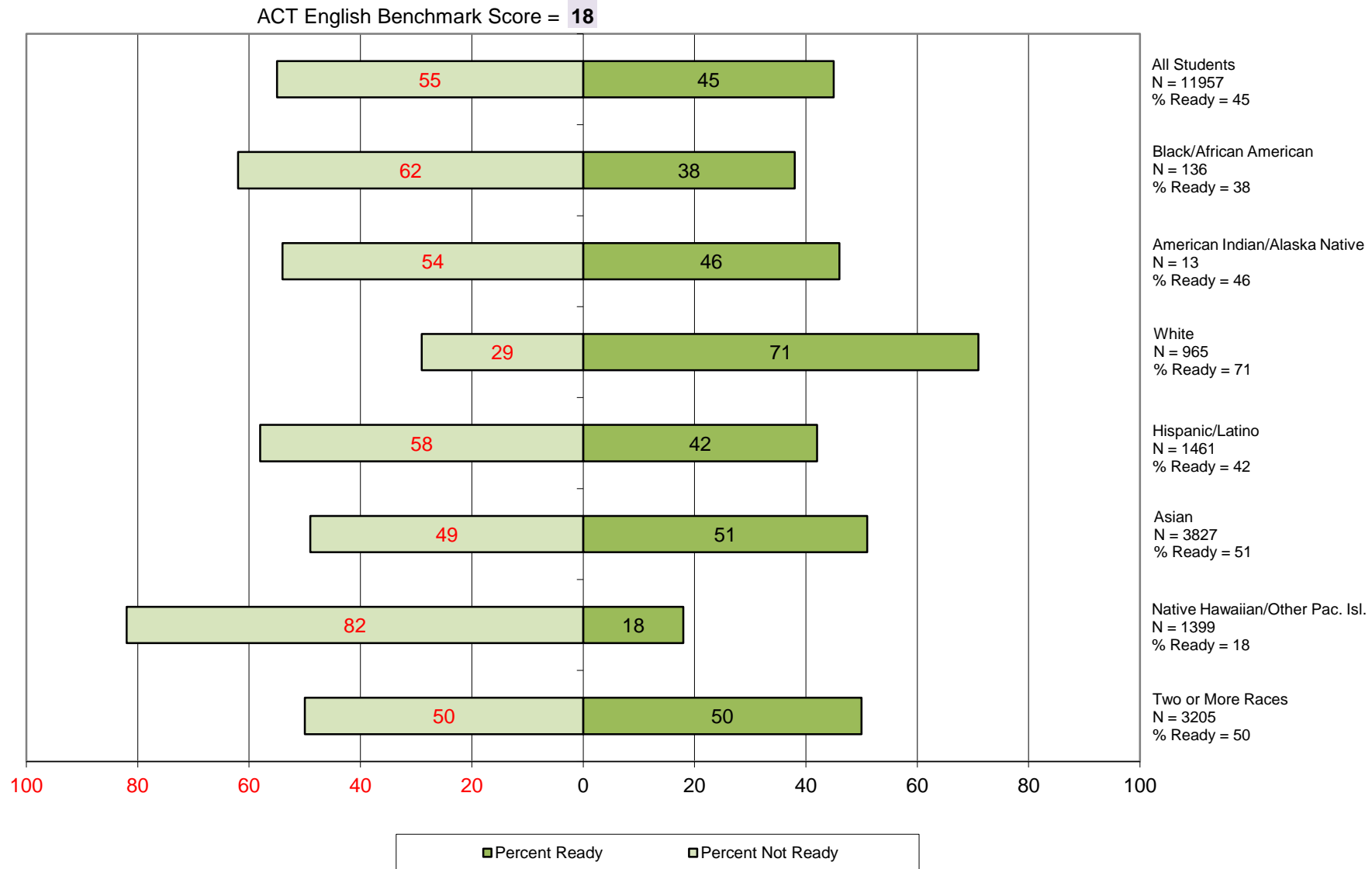


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

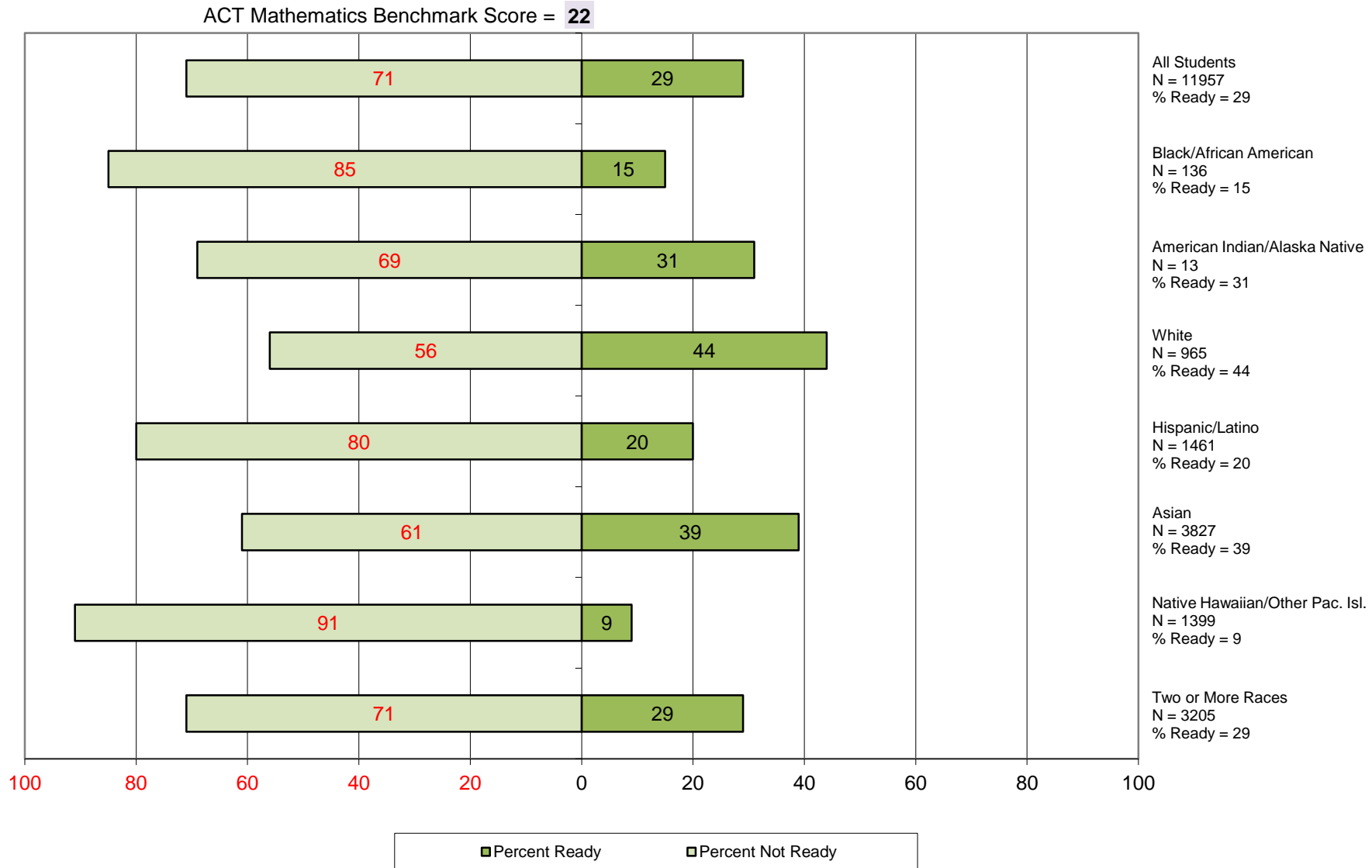


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

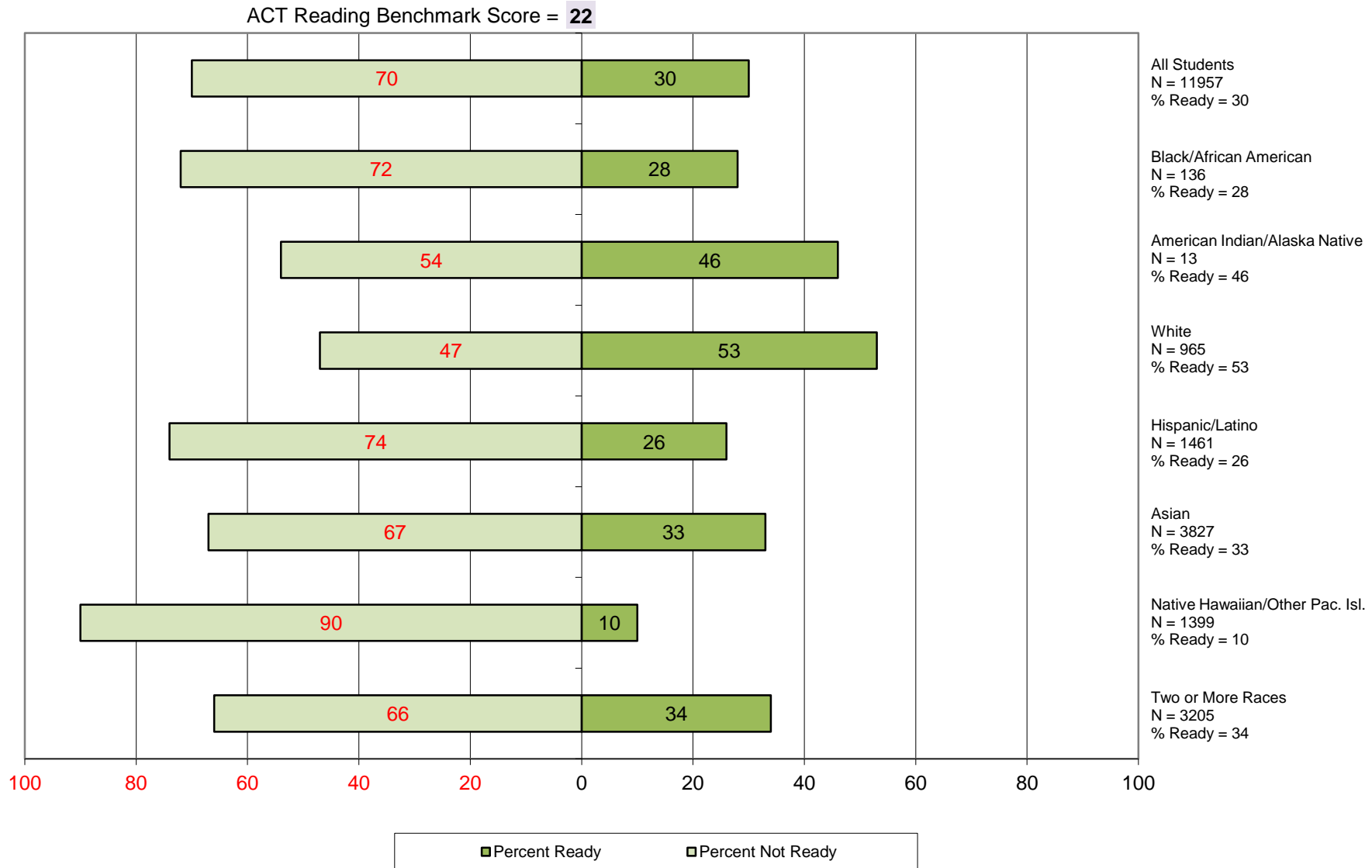


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

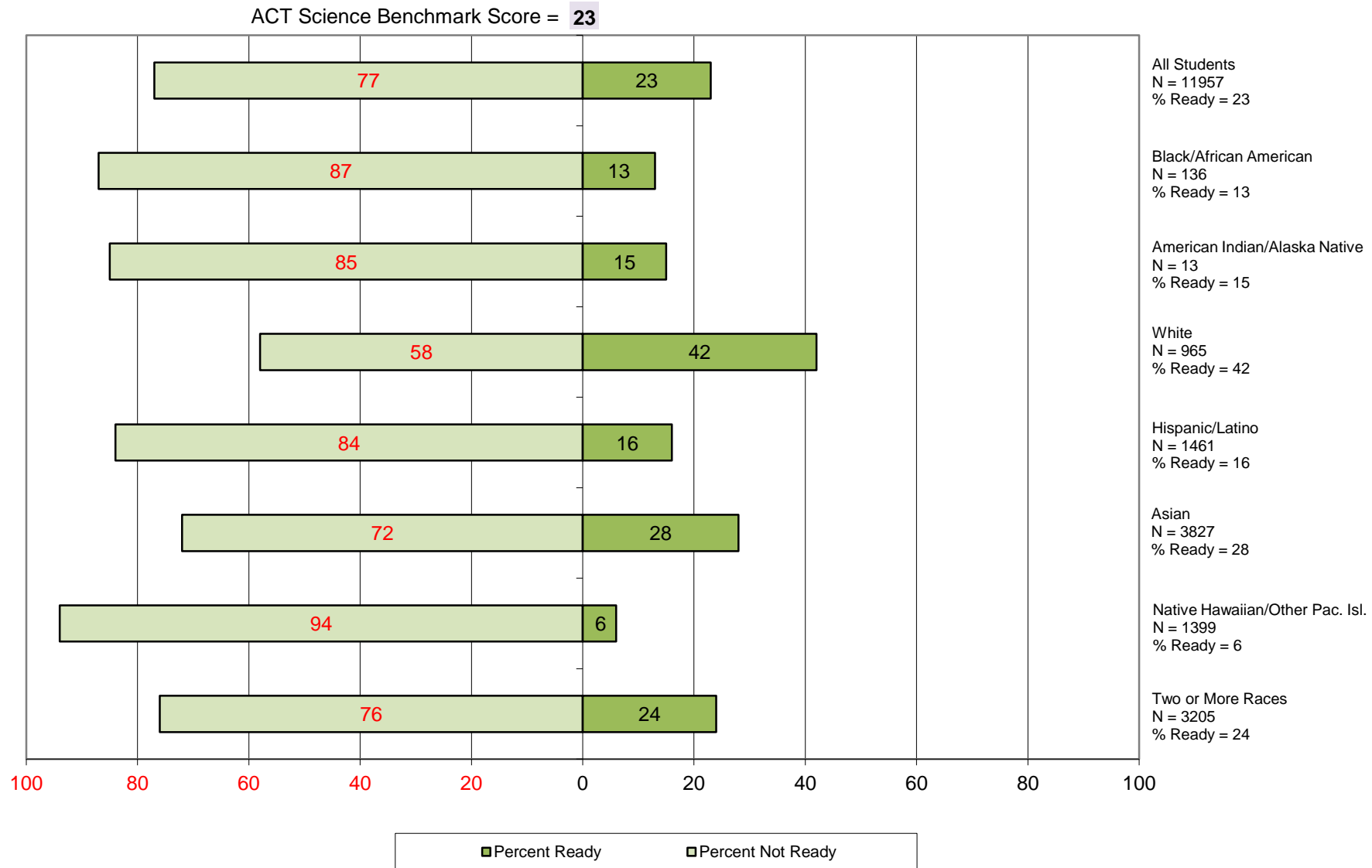
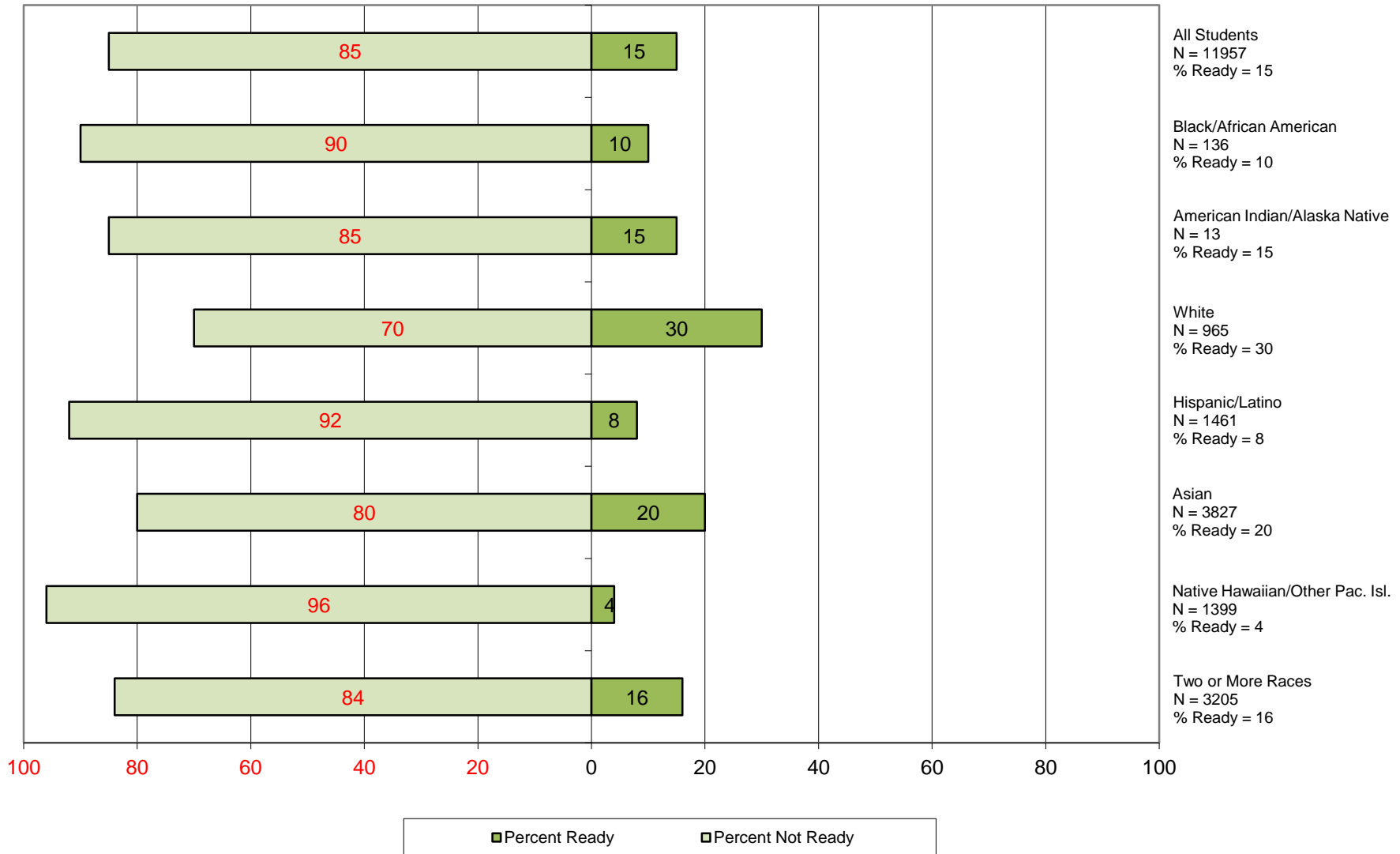


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 11,957

**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 <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,146	10	19.9	6.2	494	8	18.9	5.8	652	11	20.7	6.1
Eng 9, Eng 10, Eng 11, Eng 12	7,596	64	18.1	4.4	3,631	62	17.4	4.3	3,957	66	18.8	4.2
Less than 4 years of English	1,754	15	13.7	-	972	17	13.1	-	776	13	14.6	-
Zero years / no English courses reported	1,461	12	14.6	-	783	13	14.0	-	648	11	15.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,023	9	22.7	7.4	485	8	23.4	8.0	538	9	22.1	6.9
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,004	8	21.5	6.2	380	6	22.1	6.7	624	10	21.2	6.0
Alg 1, Alg 2, Geom, & Trig	1,331	11	18.8	3.5	603	10	19.0	3.6	727	12	18.7	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	1,135	9	18.7	3.4	505	9	18.9	3.5	629	10	18.5	3.3
Other comb of 4 or more years of Math	2,062	17	23.4	8.1	1,005	17	23.6	8.2	1,057	18	23.3	8.1
Alg 1, Alg 2, & Geom	2,760	23	16.3	1.0	1,453	25	16.4	1.0	1,299	22	16.3	1.1
Other comb of 3 or 3.5 years of Math	221	2	18.7	3.4	112	2	18.4	3.0	109	2	18.9	3.7
Less than 3 years of Math	912	8	15.3	-	533	9	15.4	-	375	6	15.2	-
Zero years / no Math courses reported	1,509	13	17.0	-	804	14	17.1	-	675	11	17.0	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	943	8	19.0	1.9	493	8	18.8	2.4	449	7	19.3	1.3
Other comb of 4 or more years Social Science	3,663	31	20.0	2.9	1,669	28	19.6	3.2	1,992	33	20.4	2.4
US Hist, World Hist, & Am Gov	489	4	16.8	-0.3	265	5	16.4	0.0	224	4	17.3	-0.7
Other comb of 3 or 3.5 years of Social Science	2,756	23	19.6	2.5	1,242	21	19.0	2.6	1,512	25	20.1	2.1
Less than 3 years of Social Science	2,523	21	17.1	-	1,354	23	16.4	-	1,161	19	18.0	-
Zero years / no Social Science courses reported	1,583	13	16.0	-	857	15	15.6	-	695	12	16.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	4,167	35	20.1	4.8	2,065	35	20.4	5.4	2,100	35	19.9	4.1
Bio, Chem, Phys	1,074	9	22.0	6.7	471	8	22.4	7.4	602	10	21.8	6.0
Gen Sci <sup>2</sup> , Bio, Chem	3,425	29	17.8	2.5	1,511	26	17.3	2.3	1,911	32	18.2	2.4
Other comb of 3 years of Natural Science	361	3	16.6	1.3	202	3	16.5	1.5	158	3	16.8	1.0
Less than 3 years of Natural Science	1,366	11	15.3	-	785	13	15.0	-	575	10	15.8	-
Zero years / no Natural Science courses reported	1,564	13	16.1	-	846	14	15.8	-	687	11	16.5	-

<sup>1</sup>Course 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.

<sup>2</sup>Includes General, Physical and Earth Sciences.

Total Students in Report: 11,957

**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
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	1,146	10	19.9	62	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	7,596	64	18.1	51	1,359,318	71	20.6	65
Less than 4 years of English	1,754	15	13.7	22	93,944	5	15.9	36
Zero years / no English courses reported	1,461	12	14.6	29	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,023	9	22.7	58	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,004	8	21.5	52	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	1,331	11	18.8	25	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	1,135	9	18.7	21	362,476	19	19.4	30
Other comb of 4 or more years of Math	2,062	17	23.4	63	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	2,760	23	16.3	6	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	221	2	18.7	25	95,502	5	19.8	34
Less than 3 years of Math	912	8	15.3	2	78,951	4	16.3	8
Zero years / no Math courses reported	1,509	13	17.0	14	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	943	8	19.0	32	48,944	3	22.3	51
Other comb of 4 or more years Social Science	3,663	31	20.0	38	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	489	4	16.8	19	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	2,756	23	19.6	35	527,956	27	21.4	46
Less than 3 years of Social Science	2,523	21	17.1	22	194,720	10	19.5	34
Zero years / no Social Science courses reported	1,583	13	16.0	16	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	4,167	35	20.1	34	807,744	42	22.2	48
Bio, Chem, Phys	1,074	9	22.0	45	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	3,425	29	17.8	15	512,754	27	20.1	30
Other comb of 3 years of Natural Science	361	3	16.6	11	54,439	3	19.1	24
Less than 3 years of Natural Science	1,366	11	15.3	7	227,926	12	18.1	18
Zero years / no Natural Science courses reported	1,564	13	16.1	11	103,680	5	18.0	20

<sup>1</sup>Includes 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: 11,957

**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 <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	153	1	17.8	33	3	13.8	111	1	19.0
Architecture	147	1	19.2	9	1	13.4	127	2	19.8
Area, Ethnic, & Multidisciplinary Studies	28	0	18.7	5	0	16.6	21	0	19.6
Arts: Visual & Performing	911	8	18.0	114	11	15.1	735	9	18.6
Business	935	8	19.1	92	9	14.9	776	10	19.5
Communications	149	1	20.2	11	1	15.0	132	2	20.7
Community, Family, & Personal Services	512	4	16.2	109	10	15.0	373	5	16.7
Computer Science & Mathematics	263	2	20.8	22	2	17.2	231	3	21.1
Education	347	3	18.5	25	2	14.2	311	4	19.0
Engineering	963	8	20.6	88	8	15.2	828	10	21.2
Engineering Technology & Drafting	252	2	17.5	56	5	14.7	184	2	18.5
English & Foreign Languages	145	1	20.6	8	1	15.8	125	2	21.0
Health Administration & Assisting	316	3	17.2	40	4	14.6	259	3	17.6
Health Sciences & Technologies	1,918	16	19.3	86	8	14.8	1,747	21	19.4
Philosophy, Religion, & Theology	34	0	18.9	1	0	11.0	30	0	19.3
Repair, Production, & Construction	223	2	15.6	75	7	14.9	132	2	16.0
Sciences: Biological & Physical	521	4	22.1	15	1	13.3	468	6	22.2
Social Sciences & Law	643	5	19.5	19	2	14.7	592	7	19.6
Undecided	884	7	21.0	78	7	15.8	643	8	21.4
No Response	2,513	21	15.6	135	13	13.6	281	3	15.4

<sup>1</sup>2-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.

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

Total Students in Report: 11,957

**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	261	14.8	2	18.5	0	.	7	17.0	51	15.5
2-yr College Degree	797	14.7	8	15.8	3	11.3	34	16.0	101	15.2
Bachelors Degree	4,789	18.2	65	17.0	2	18.5	393	20.9	614	17.6
Graduate Study	1,416	21.4	14	18.6	2	16.5	157	24.2	159	19.5
Prof. Level Degree	1,950	21.4	24	19.8	3	23.0	186	23.7	235	19.8
Other	253	15.5	2	20.0	1	13.0	13	18.0	31	15.3
No Response	2,491	16.9	21	14.9	2	19.0	175	19.8	270	16.4

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	261	14.8	59	14.7	46	13.0	62	15.7	34	14.1
2-yr College Degree	797	14.7	221	14.7	139	13.5	214	15.3	77	14.5
Bachelors Degree	4,789	18.2	1,579	18.7	558	15.7	1,325	18.5	253	16.6
Graduate Study	1,416	21.4	525	22.2	118	17.2	394	21.5	47	20.6
Prof. Level Degree	1,950	21.4	682	22.5	155	17.6	562	21.3	103	20.1
Other	253	15.5	62	16.0	48	13.6	64	16.5	32	14.4
No Response	2,491	16.9	699	18.2	335	13.9	584	17.7	405	15.2

Total Students in Report: 11,957

**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	3,714	1,649	2,065	8	21	33	24	10	4	0
UNIVERSITY OF HAWAII AT HILO	Hawaii	1,164	378	786	13	32	31	17	5	2	0
HAWAII PACIFIC UNIVERSITY	Hawaii	1,037	204	833	8	23	36	24	7	2	0
UNIVERSITY OF HAWAII-WEST OAHU	Hawaii	878	174	704	13	28	35	19	5	1	0
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	807	249	558	16	36	29	15	3	1	0
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	801	228	573	17	35	32	13	3	0	0
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	781	217	564	12	32	35	16	4	1	0
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	746	231	515	8	24	43	20	4	1	0
UNIVERSITY OF OREGON	Oregon	602	172	430	6	22	31	25	12	4	0
U OF HAWAII-HAWAII COMMUNITY COLLEGE	Hawaii	599	225	374	20	39	29	9	2	1	0
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	568	125	443	8	24	40	20	7	1	0
UNIVERSITY OF WASHINGTON	Washington	558	147	411	3	11	25	30	20	9	1
U OF HAWAII-MAUI COLLEGE	Hawaii	458	172	286	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	451	132	319	4	17	31	27	12	8	1
OREGON STATE UNIVERSITY	Oregon	393	91	302	9	22	26	24	14	4	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	341	95	246	4	16	30	25	15	8	2
UNIVERSITY OF PORTLAND	Oregon	327	68	259	2	9	29	36	20	5	0
UNIVERSITY OF CALIFORNIA-BERKELEY	California	272	76	196	1	9	21	25	23	18	3
U OF HAWAII-WINDWARD COMMUNITY COLLEGE	Hawaii	270	45	225	17	33	32	14	4	0	0
SAN DIEGO STATE UNIVERSITY	California	246	71	175	6	20	35	27	10	3	0
SEATTLE UNIVERSITY	Washington	240	33	207	1	9	32	29	22	8	0
UNIVERSITY OF SAN FRANCISCO	California	228	49	179	4	9	25	36	18	7	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	227	79	148	15	24	28	18	8	5	0
STANFORD UNIVERSITY	California	213	66	147	2	10	14	22	24	22	6
NCAA ELIGIBILITY CENTER	Indiana	206	77	129	7	23	37	17	11	4	0
WASHINGTON STATE UNIVERSITY	Washington	198	46	152	4	14	32	32	15	3	1
CALIFORNIA STATE UNIV-LONG BEACH	California	195	47	148	13	32	30	15	7	2	0
U OF HAWAII-KAUAI COMMUNITY COLLEGE	Hawaii	195	55	140	25	32	32	9	1	1	0
ART INST OF CALIFORNIA-LOS ANGELES	California	193	45	148	12	32	35	16	4	1	0
All Other Institutions		12,784	3,159	9,625	9	21	29	22	13	6	1
<b>Total</b>		<b>30,143</b>	<b>8,856</b>	<b>21,287</b>	<b>10</b>	<b>23</b>	<b>31</b>	<b>21</b>	<b>10</b>	<b>4</b>	<b>1</b>

# 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: 11,957

**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
<b>All Students</b>	<b>11,430</b>	<b>1,108,908</b>	<b>17.2</b>	<b>21.0</b>	<b>6.1</b>	<b>6.9</b>	<b>16.7</b>	<b>20.2</b>
Black/African American	123	136,380	16.3	16.3	6.0	6.0	15.9	15.9
American Indian/Alaska Native	12	7,142	16.1	16.5	5.7	5.9	15.7	16.0
White	903	567,060	21.0	22.8	6.7	7.1	20.1	21.8
Hispanic/Latino	1,394	196,970	16.5	18.4	6.0	6.7	16.1	18.1
Asian	3,692	68,736	18.1	23.9	6.5	7.6	17.7	23.0
Native Hawaiian/Other Pac. Isl.	1,320	4,070	13.1	18.0	5.3	6.5	12.9	17.6
Two or more races	3,064	45,517	17.8	21.3	6.2	6.9	17.2	20.4
Prefer not/No Response	922	83,033	14.6	20.8	5.4	6.7	14.1	19.9
Males	5,629	507,737	16.3	20.7	5.8	6.6	15.8	19.7
Females	5,760	590,537	18.0	21.4	6.5	7.1	17.7	20.8
Missing	41	10,634	11.3	16.0	4.3	5.6	10.8	15.4





