

ACT Profile Report - State

Graduating Class 2014

Hawaii



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This report provides information about the performance of your 2014 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 2014. 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

13% 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: 11,797 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. 55% 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, 3% were college ready. 24% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 7% of these students were college ready. In comparison, 43% 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. 6% of these students were college ready. In comparison, 23% 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.

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

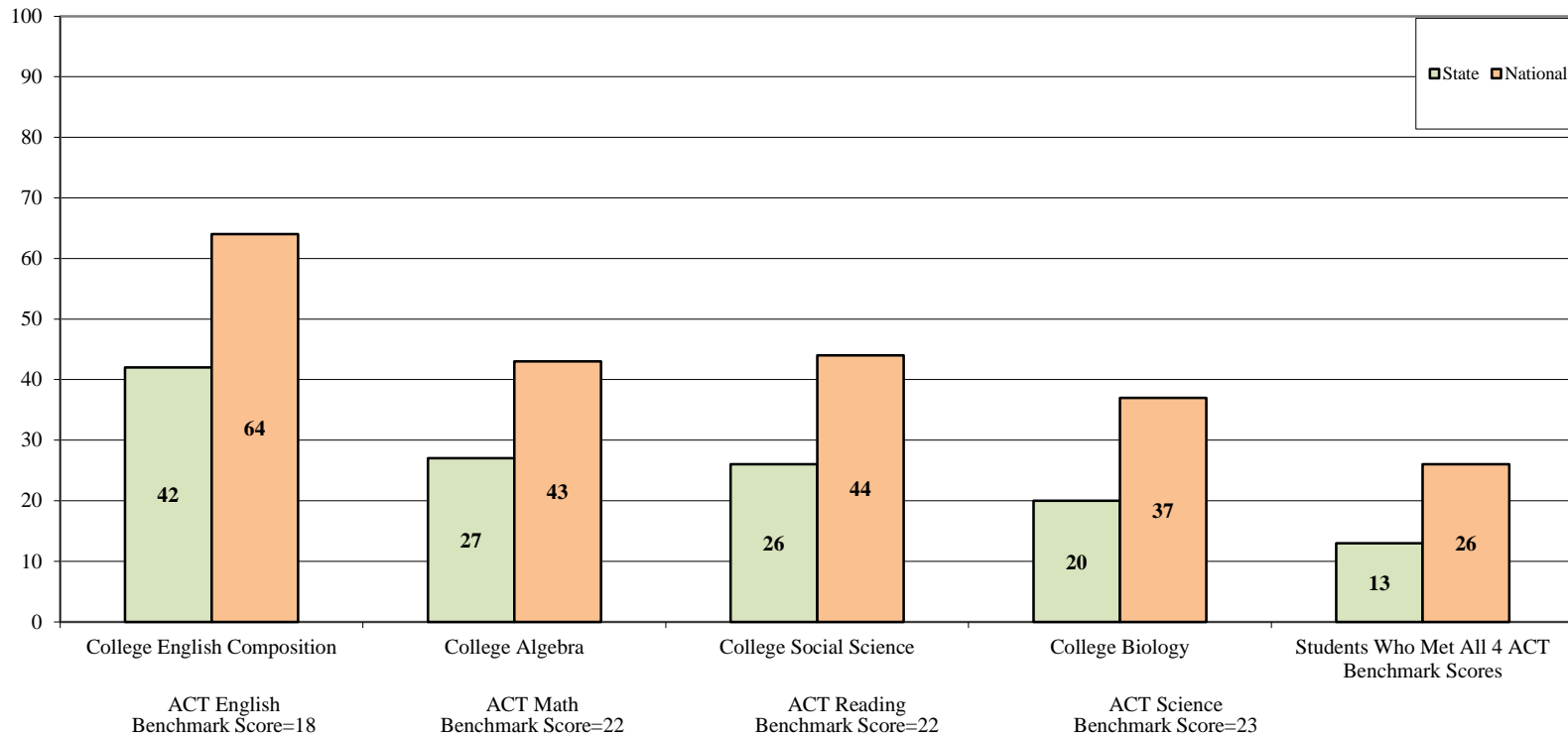
Executive Summary

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.

Total Students in Report: 11,797

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
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
2014	11,797	1,845,787	42	64	27	43	26	44	20	37	13	26

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
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
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores				
	State	National	English	Mathematics	Reading	Science	Composite
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
2014	1,845,787		20.3	20.9	21.3	20.8	21.0

Total Students in Report: 11,797

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
					English		Mathematics		Reading		Science		Composite	
	Core or More ¹	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	Core or More	Less than Core	Core or More	Less than Core
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
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

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

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	3,054	100	21.6	3,259	100	21.3	3,616	100	21.3	5,345	100	20.1	11,797	100	18.2
Black/African American	62	2	18.7	57	2	18.1	55	2	18.7	82	2	17.7	142	1	17.4
American Indian/Alaska Native	9	0	21.0	7	0	21.6	2	0	23.5	10	0	17.0	17	0	15.8
White	403	13	23.3	427	13	23.3	397	11	23.4	462	9	22.3	993	8	21.1
Hispanic/Latino	62	2	19.8	199	6	20.6	338	9	20.7	583	11	18.9	1,315	11	17.6
Asian	1,950	64	21.5	1,491	46	21.5	1,406	39	21.8	2,072	39	20.6	3,719	32	18.9
Native Hawaiian/Other Pacific Islander	0	0	.	278	9	18.0	413	11	18.1	496	9	17.2	1,483	13	15.4
Two or more races	308	10	22.4	651	20	21.9	855	24	21.4	1,362	25	20.4	2,953	25	18.8
Prefer not to respond/No response	260	9	19.5	149	5	19.6	150	4	21.0	278	5	19.4	1,175	10	16.5

Total Students in Report: 11,797

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



Total Students in Report: 11,797

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	11,634	99	16.9	19.0	18.3	18.1	18.2
	Extended Time	163	1	15.2	17.6	16.9	17.4	16.9
	Total	11,797	100	16.9	19.0	18.3	18.1	18.2
National	Standard Time	1,769,033	96	20.5	21.0	21.4	20.9	21.1
	Extended Time	76,754	4	16.2	17.8	18.5	18.1	17.8
	Total	1,845,787	100	20.3	20.9	21.3	20.8	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	42	27	26	20	13
	Extended Time	29	22	24	20	16
	Total	42	27	26	20	13
National	Standard Time	65	44	45	37	27
	Extended Time	37	21	30	21	15
	Total	64	43	44	37	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: 11,797

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	18	100	21	100	35	100	25	100	2	100	36
35	47	100	34	100	25	100	36	100	20	100	35
34	73	99	50	100	77	99	47	99	28	100	34
33	71	99	54	99	147	99	36	99	45	100	33
32	97	98	56	99	152	98	47	99	56	99	32
31	73	97	46	98	149	96	41	98	83	99	31
30	100	97	103	98	143	95	72	98	110	98	30
29	106	96	164	97	166	94	55	97	129	97	29
28	127	95	193	96	184	92	103	97	179	96	28
27	144	94	279	94	211	91	208	96	215	94	27
26	199	93	380	92	237	89	217	94	279	93	26
25	328	91	401	88	302	87	415	92	334	90	25
24	432	88	584	85	317	85	533	89	381	87	24
23	316	85	479	80	524	82	478	84	489	84	23
22	484	82	364	76	413	77	760	80	566	80	22
21	567	78	492	73	820	74	773	74	605	75	21
20	627	73	498	69	478	67	651	67	686	70	20
19	691	68	624	64	905	63	996	62	733	64	19
18	477	62	678	59	526	55	592	53	812	58	18
17	360	58	1,338	53	552	51	1,139	48	828	51	17
16	790	55	2,087	42	1,000	46	678	39	912	44	16
15	862	48	1,654	24	580	38	674	33	961	36	15
14	863	41	798	10	1,147	33	702	27	1,022	28	14
13	637	33	278	4	612	23	619	21	1,092	20	13
12	622	28	77	1	965	18	536	16	733	10	12
11	889	23	50	1	404	10	463	12	341	4	11
10	798	15	11	1	452	6	376	8	101	1	10
9	514	8	1	1	137	2	355	4	33	1	9
8	245	4	2	1	6	1	85	1	15	1	8
7	175	2	0	1	60	1	49	1	6	1	7
6	37	1	1	1	41	1	2	1	0	1	6
5	18	1	0	1	14	1	18	1	1	1	5
4	9	1	0	1	0	1	5	1	0	1	4
3	0	1	0	1	10	1	0	1	0	1	3
2	1	1	0	1	3	1	9	1	0	1	2
1	0	1	0	1	3	1	2	1	0	1	1
Avg (SD)	16.9 (6.2)		19.0 (4.7)		18.3 (6.0)		18.1 (5.4)		18.2 (5.1)		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	154	100	50	100	103	100	173	100	193	100	55	100	48	100	18
17	302	99	53	100	300	99	369	99	246	98	72	100	31	100	17
16	174	96	231	99	328	97	390	95	319	96	118	99	226	99	16
15	315	95	355	97	277	94	417	92	369	94	268	98	319	97	15
14	228	92	324	94	465	91	452	89	475	90	571	96	627	95	14
13	488	90	615	91	862	88	596	85	968	86	741	91	615	89	13
12	560	86	624	86	744	80	614	80	823	78	775	85	749	84	12
11	753	81	993	81	822	74	712	74	699	71	1,414	78	1,492	78	11
10	920	75	966	72	943	67	771	68	753	65	1,392	66	976	65	10
9	958	67	1,467	64	1,096	59	1,677	62	1,341	59	2,649	54	2,083	57	9
8	1,385	59	1,215	52	1,240	50	929	48	1,527	48	1,466	32	2,307	39	8
7	1,083	47	1,116	42	2,128	39	1,001	40	1,550	35	1,140	19	1,127	20	7
6	1,153	38	1,269	32	970	21	1,033	31	1,272	21	116	10	64	10	6
5	1,203	28	1,089	21	749	13	1,596	23	917	11	679	9	688	10	5
4	951	18	1,030	12	423	7	526	9	213	3	13	3	56	4	4
3	910	10	313	3	212	3	346	5	98	1	267	3	308	3	3
2	224	2	75	1	87	1	179	2	31	1	1	1	20	1	2
1	36	1	12	1	48	1	16	1	3	1	60	1	61	1	1
Avg (SD)	8.2 (3.8)		8.5 (3.4)		9.2 (3.5)		9.0 (3.9)		9.4 (3.5)		9.6 (2.8)		9.5 (2.9)		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)	21	22	22	22	21
Q2 (50th Percentile)	16	17	17	18	17
Q1 (25th Percentile)	12	16	14	14	14

Total Students in Report: 11,797

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	11,797	55	19.6	16.8
	Black/African American	142	54	18.7	15.9
	American Indian/Alaska Native	17	35	18.0	15.5
	White	993	63	22.0	20.0
	Hispanic/Latino	1,315	54	18.9	16.2
	Asian	3,719	61	20.0	17.3
	Native Hawaiian/Other Pac. Isl.	1,483	45	16.7	14.5
	Two or more races	2,953	59	19.9	17.3
	Prefer not/No Response	1,175	35	18.5	15.5
National	All Students	1,845,787	73	21.8	18.9
	Black/African American	241,678	68	17.6	15.7
	American Indian/Alaska Native	14,263	62	19.0	16.5
	White	1,038,435	76	23.1	20.2
	Hispanic/Latino	281,216	71	19.5	17.3
	Asian	80,370	79	24.2	21.6
	Native Hawaiian/Other Pac. Isl.	5,676	65	20.0	16.6
	Two or more races	70,013	74	22.0	19.2
	Prefer not/No Response	114,136	56	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	16.9	19.0	18.3	18.1	18.2
	Black/African American	16.4	17.8	18.0	16.8	17.4
	American Indian/Alaska Native	14.0	17.3	15.7	15.7	15.8
	White	20.5	20.7	21.9	20.7	21.1
	Hispanic/Latino	16.5	18.1	17.8	17.4	17.6
	Asian	17.5	20.1	18.5	18.9	18.9
	Native Hawaiian/Other Pac. Isl.	13.5	16.7	15.3	15.5	15.4
	Two or more races	17.7	19.3	19.1	18.6	18.8
	Prefer not/No Response	14.9	17.5	16.6	16.4	16.5
National	All Students	20.3	20.9	21.3	20.8	21.0
	Black/African American	15.8	17.2	17.3	17.0	17.0
	American Indian/Alaska Native	16.6	18.1	18.4	18.3	18.0
	White	22.0	22.0	22.8	22.1	22.3
	Hispanic/Latino	17.7	19.2	19.1	18.8	18.8
	Asian	22.8	24.9	22.8	23.2	23.5
	Native Hawaiian/Other Pac. Isl.	17.5	19.2	18.7	18.6	18.6
	Two or more races	20.6	20.9	21.7	21.0	21.2
	Prefer not/No Response	20.0	20.7	21.1	20.5	20.7

Total Students in Report: 11,797

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	209	2	159	1	284	2	144	1
	28 to 32	503	4	562	5	794	7	318	3
	24 to 27	1,103	9	1,644	14	1,067	9	1,373	12
	20 to 23	1,994	17	1,833	16	2,235	19	2,662	23
	16 to 19	2,318	20	4,727	40	2,983	25	3,405	29
	13 to 15	2,362	20	2,730	23	2,339	20	1,995	17
	01 to 12	3,308	28	142	1	2,095	18	1,900	16
National	33 to 36	92,922	5	55,103	3	97,714	5	55,222	3
	28 to 32	185,768	10	174,260	9	257,722	14	128,357	7
	24 to 27	302,723	16	383,630	21	263,034	14	367,160	20
	20 to 23	431,178	23	336,283	18	445,726	24	542,581	29
	16 to 19	330,518	18	616,601	33	409,685	22	448,064	24
	13 to 15	264,127	14	266,401	14	240,948	13	186,262	10
	01 to 12	238,551	13	13,509	1	130,958	7	118,141	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	5,406	46	16.3	19.1	17.8	18.0	17.9
	Females	5,887	50	17.7	19.0	18.9	18.3	18.6
	Missing	504	4	14.4	17.2	16.3	16.2	16.1
National	Males	856,651	46	20.0	21.4	21.1	21.2	21.1
	Females	977,127	53	20.7	20.5	21.5	20.5	20.9
	Missing	12,009	1	15.7	17.8	17.3	17.4	17.2

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	38	28	24	20	13
	Females	47	28	29	20	14
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 11,797

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	6,509	54	18.5	36	20.2	34	19.8	26	19.5	17	19.6
	Less than Core	3,860	30	15.3	18	17.8	18	16.8	13	16.7	9	16.8
	Missing ³	1,428	23	13.9	11	16.8	12	15.6	7	15.5	4	15.6
National	Core or More	1,347,997	71	21.4	50	21.7	50	22.2	42	21.6	31	21.8
	Less than Core	405,073	48	17.9	27	18.9	30	19.2	23	18.9	15	18.9
	Missing	92,717	36	16.0	18	17.7	23	17.7	16	17.6	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	8,816	49	17.9	9,463	32	19.7	8,061	31	19.1	9,147	23	18.9
	Less than Core	1,740	22	14.0	1,046	3	15.5	2,384	19	16.9	1,323	6	15.0
	Missing ³	1,241	25	14.2	1,288	11	16.9	1,352	12	15.6	1,327	8	15.6
National	Core or More	1,676,095	67	20.8	1,686,194	46	21.3	1,580,108	47	21.7	1,538,158	41	21.4
	Less than Core	88,420	36	15.9	74,627	8	16.4	180,385	32	19.4	220,701	17	18.1
	Missing	81,272	38	16.3	84,966	19	17.8	85,294	24	17.8	86,928	17	17.7

¹ "Curriculum Taken" reflects content-specific curriculum in this table.

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

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

³ Zero years or no coursework information reported in the specified content area.

Section III

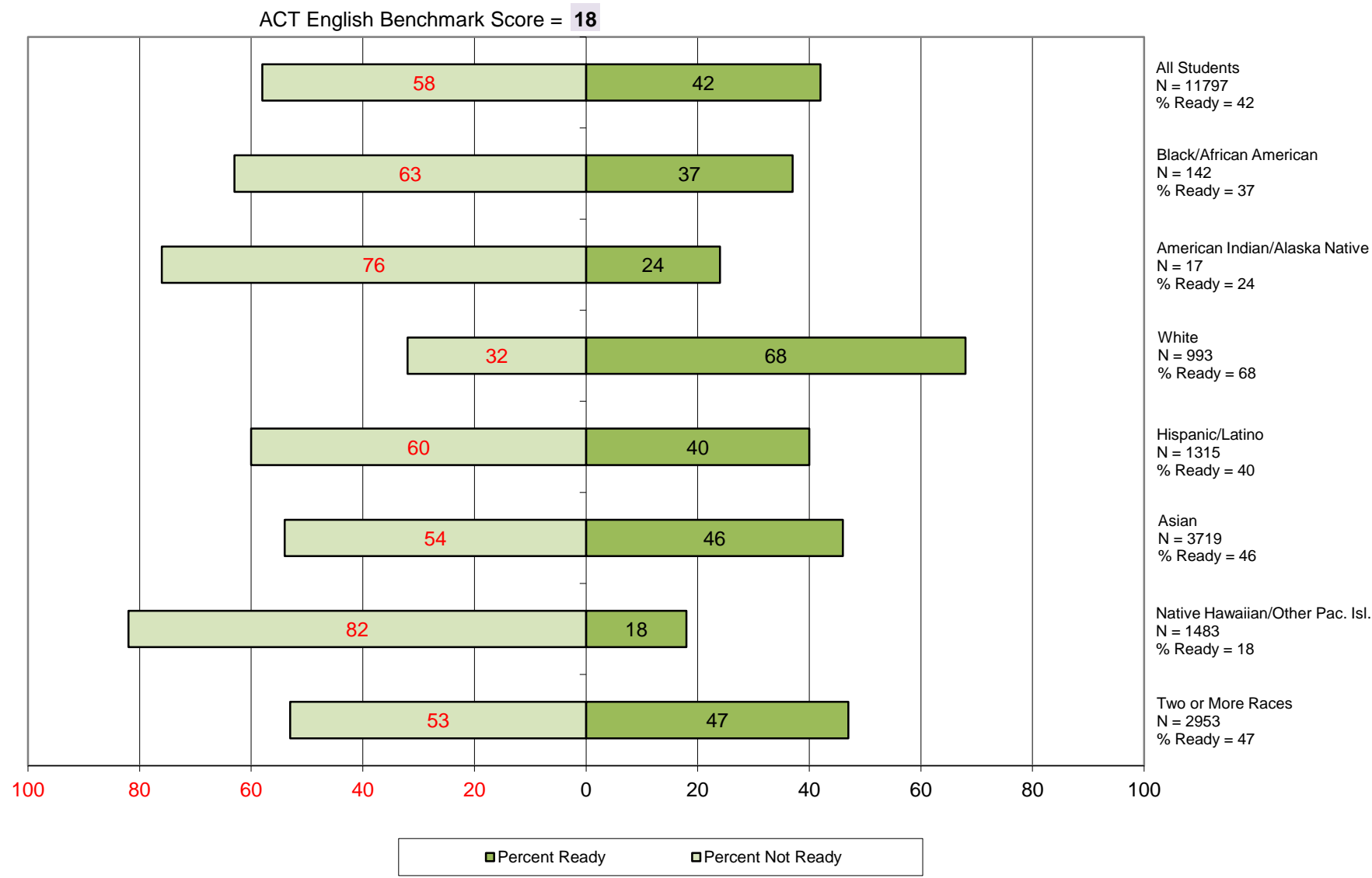
College Readiness and the Impact of Course Rigor

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

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

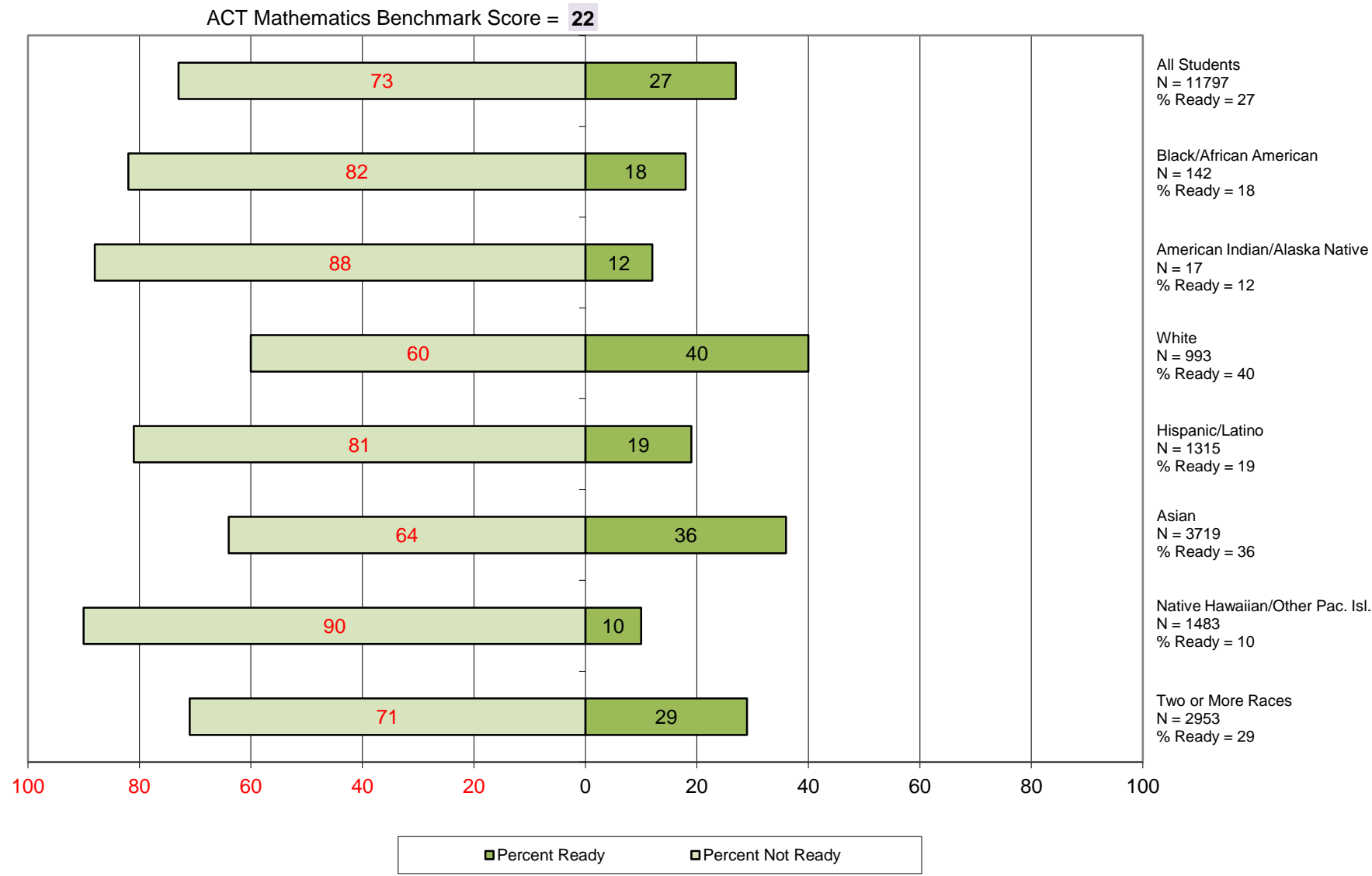
Total Students in Report: 11,797

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



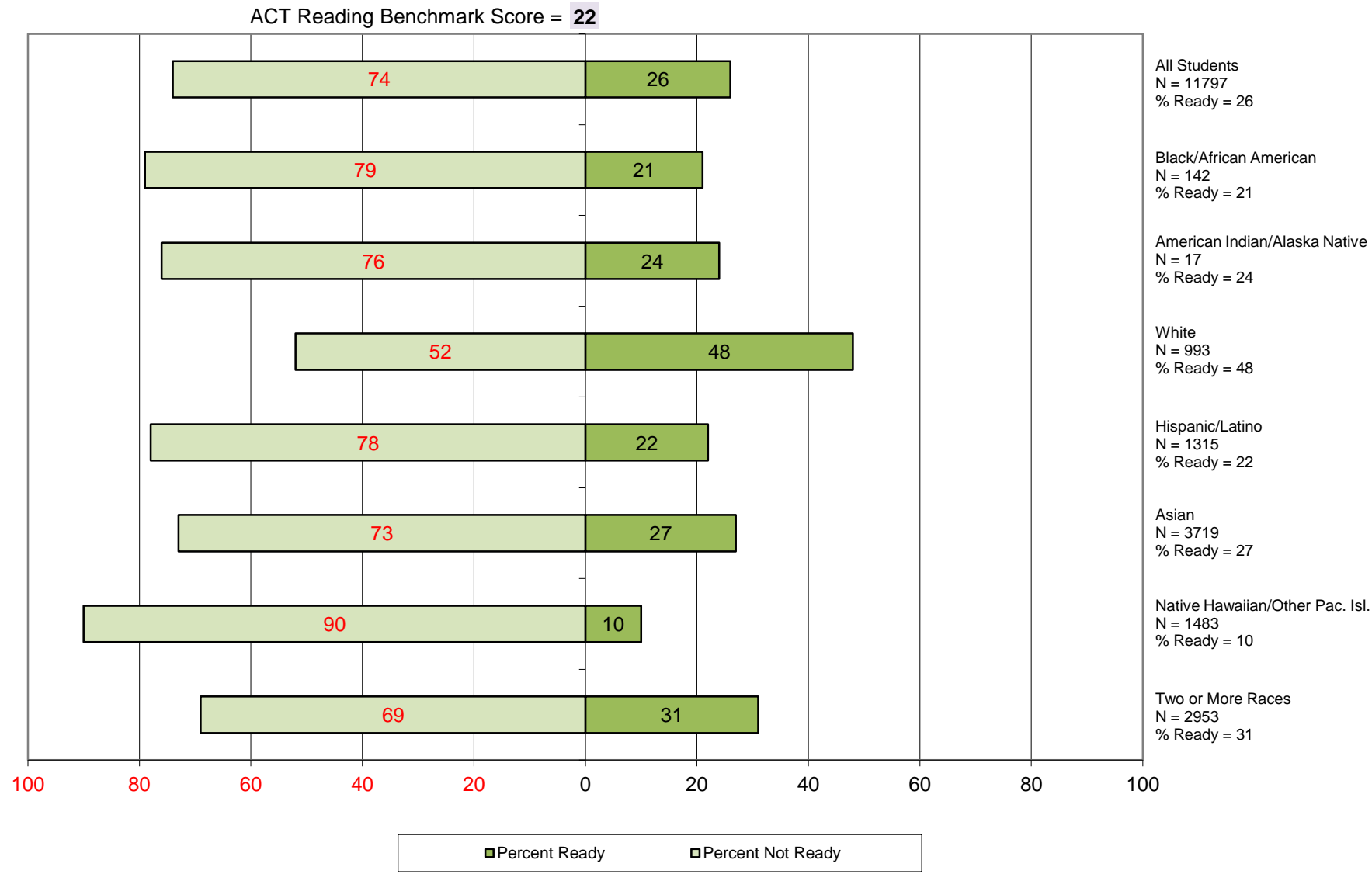
Total Students in Report: 11,797

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



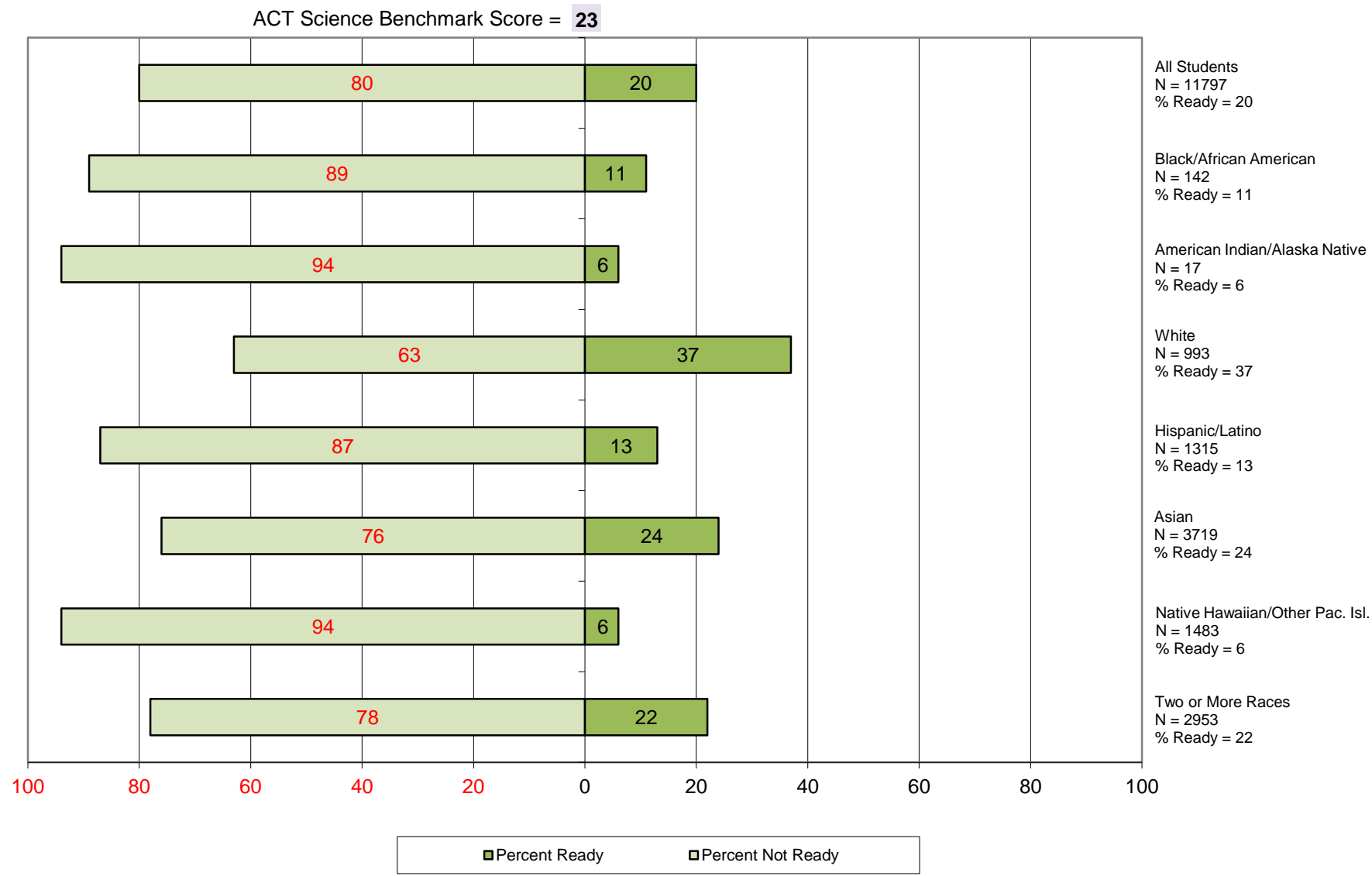
Total Students in Report: 11,797

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



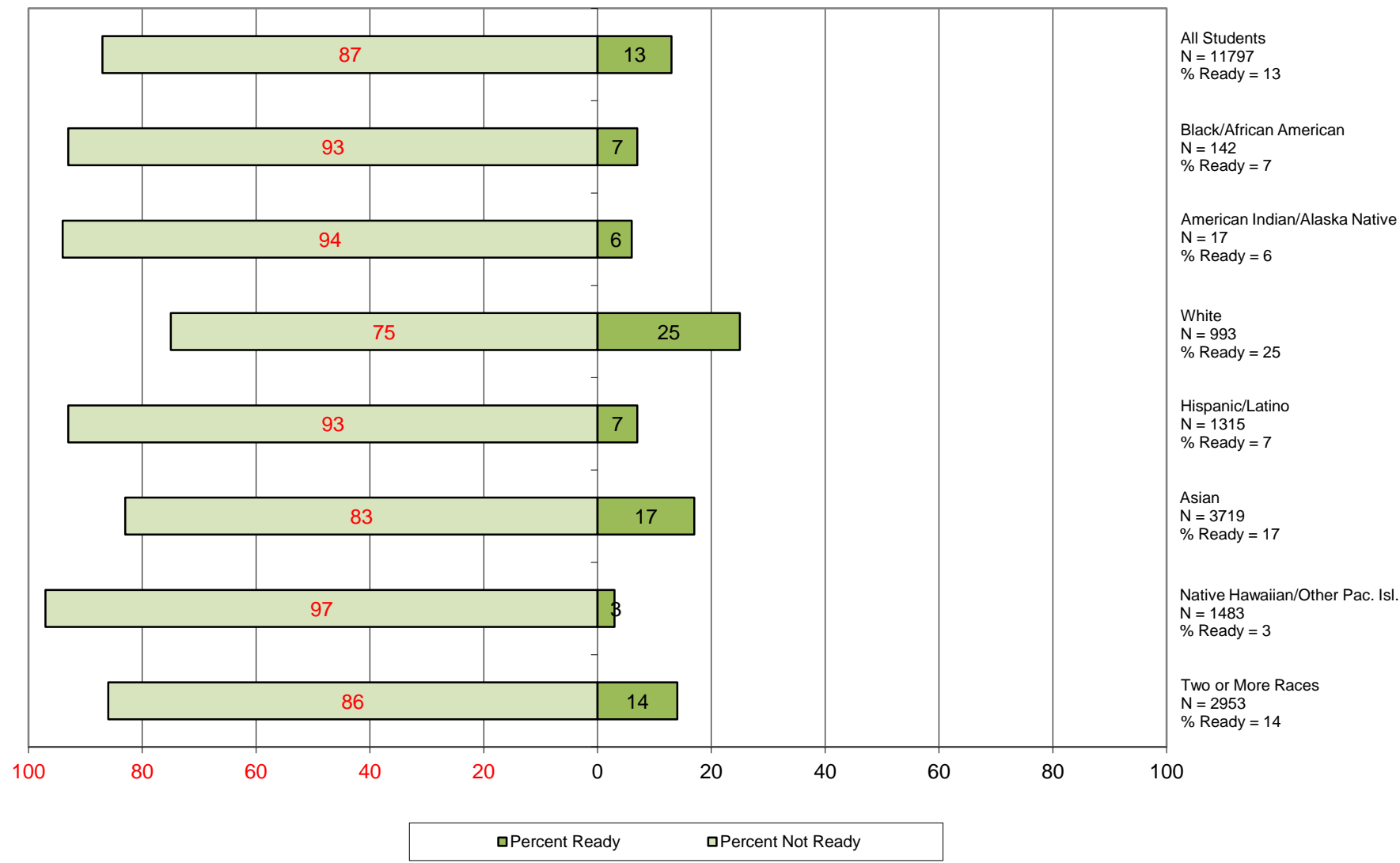
Total Students in Report: 11,797

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



Total Students in Report: 11,797

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



Total Students in Report: 11,797

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	1,246	11	19.3	5.3	480	9	18.4	4.8	736	13	19.8	5.3
Eng 9, Eng 10, Eng 11, Eng 12	7,570	64	17.6	3.6	3,492	65	17.0	3.4	3,907	66	18.3	3.8
Less than 4 years of English	1,740	15	14.0	-	888	16	13.6	-	771	13	14.5	-
Zero years / no English courses reported	1,241	11	14.2	-	546	10	13.9	-	473	8	14.6	-
MATHEMATICS COURSE PATTERN												
	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹
Alg 1, Alg 2, Geom, Trig, & Calc	906	8	22.2	6.7	388	7	22.5	7.0	495	8	22.2	6.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,097	9	21.4	5.9	413	8	21.8	6.3	666	11	21.2	5.8
Alg 1, Alg 2, Geom, & Trig	1,406	12	19.1	3.6	632	12	19.4	3.9	722	12	18.9	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	1,043	9	18.7	3.2	443	8	19.0	3.5	589	10	18.6	3.2
Other comb of 4 or more years of Math	1,904	16	23.3	7.8	871	16	23.6	8.1	1,009	17	23.0	7.6
Alg 1, Alg 2, & Geom	2,878	24	16.6	1.1	1,393	26	16.9	1.4	1,386	24	16.3	0.9
Other comb of 3 or 3.5 years of Math	229	2	18.5	3.0	122	2	18.9	3.4	104	2	18.1	2.7
Less than 3 years of Math	1,046	9	15.5	-	580	11	15.5	-	418	7	15.4	-
Zero years / no Math courses reported	1,288	11	16.9	-	564	10	17.0	-	498	8	16.8	-
SOCIAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹
US Hist, World Hist, Am Gov, & Other Hist	1,030	9	18.2	1.3	533	10	17.9	1.6	449	8	18.7	1.0
Other comb of 4 or more years Social Science	3,842	33	19.6	2.7	1,632	30	19.3	3.0	2,115	36	19.9	2.2
US Hist, World Hist, & Am Gov	472	4	16.7	-0.2	239	4	16.6	0.3	221	4	17.0	-0.7
Other comb of 3 or 3.5 years of Social Science	2,717	23	19.2	2.3	1,169	22	18.6	2.3	1,496	25	19.8	2.1
Less than 3 years of Social Science	2,384	20	16.9	-	1,225	23	16.3	-	1,089	18	17.7	-
Zero years / no Social Science courses reported	1,352	11	15.6	-	608	11	15.2	-	517	9	15.9	-
NATURAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹
Gen Sci ² , Bio, Chem, & Phys	4,102	35	19.8	4.8	1,946	36	19.9	5.0	2,079	35	19.8	4.5
Bio, Chem, Phys	1,143	10	21.0	6.0	492	9	21.1	6.2	644	11	21.0	5.7
Gen Sci ² , Bio, Chem	3,536	30	17.3	2.3	1,454	27	17.1	2.2	1,961	33	17.5	2.2
Other comb of 3 years of Natural Science	366	3	16.7	1.7	224	4	16.6	1.7	128	2	16.9	1.6
Less than 3 years of Natural Science	1,323	11	15.0	-	701	13	14.9	-	563	10	15.3	-
Zero years / no Natural Science courses reported	1,327	11	15.6	-	589	11	15.5	-	512	9	15.6	-

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: 11,797

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	1,246	11	19.3	59	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	7,570	64	17.6	47	1,305,220	71	20.5	65
Less than 4 years of English	1,740	15	14.0	22	88,420	5	15.9	36
Zero years / no English courses reported	1,241	11	14.2	25	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	906	8	22.2	54	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,097	9	21.4	48	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	1,406	12	19.1	27	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	1,043	9	18.7	21	356,555	19	19.4	31
Other comb of 4 or more years of Math	1,904	16	23.3	62	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	2,878	24	16.6	7	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	229	2	18.5	22	90,105	5	19.8	35
Less than 3 years of Math	1,046	9	15.5	3	74,627	4	16.4	8
Zero years / no Math courses reported	1,288	11	16.9	11	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	1,030	9	18.2	25	48,992	3	22.3	50
Other comb of 4 or more years Social Science	3,842	33	19.6	33	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	472	4	16.7	17	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	2,717	23	19.2	32	504,877	27	21.3	43
Less than 3 years of Social Science	2,384	20	16.9	19	180,385	10	19.4	32
Zero years / no Social Science courses reported	1,352	11	15.6	12	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	4,102	35	19.8	30	781,043	42	22.1	46
Bio, Chem, Phys	1,143	10	21.0	37	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	3,536	30	17.3	13	505,460	27	20.0	28
Other comb of 3 years of Natural Science	366	3	16.7	13	52,236	3	19.2	24
Less than 3 years of Natural Science	1,323	11	15.0	6	220,701	12	18.1	17
Zero years / no Natural Science courses reported	1,327	11	15.6	8	86,928	5	17.7	17

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	176	1	16.8	34	3	13.9	126	2	17.5
Architecture	149	1	19.1	5	0	17.8	135	2	19.1
Area, Ethnic, & Multidisciplinary Studies	22	0	17.9	1	0	13.0	19	0	18.9
Arts: Visual & Performing	856	7	17.6	131	12	15.3	660	8	18.2
Business	941	8	18.8	103	9	15.1	782	10	19.2
Communications	183	2	20.1	15	1	16.2	160	2	20.4
Community, Family, & Personal Services	552	5	15.6	133	12	15.2	391	5	15.8
Computer Science & Mathematics	255	2	21.0	13	1	16.2	229	3	21.3
Education	346	3	18.2	28	2	14.2	304	4	18.6
Engineering	928	8	19.9	104	9	14.3	759	9	20.5
Engineering Technology & Drafting	256	2	16.6	62	5	14.5	176	2	17.5
English & Foreign Languages	135	1	20.1	11	1	14.4	112	1	20.4
Health Administration & Assisting	263	2	16.7	38	3	14.8	205	3	16.8
Health Sciences & Technologies	2,012	17	18.8	95	8	15.0	1,850	23	18.9
Philosophy, Religion, & Theology	36	0	18.2	5	0	13.0	28	0	18.8
Repair, Production, & Construction	250	2	15.8	99	9	14.8	131	2	16.6
Sciences: Biological & Physical	527	4	21.7	27	2	15.2	467	6	22.1
Social Sciences & Law	654	6	19.8	19	2	14.4	602	7	20.0
Undecided	882	7	20.4	54	5	15.4	678	8	20.5
No Response	2,288	19	15.6	122	11	13.3	258	3	15.6

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: 11,797

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	247	14.5	4	14.5	0	.	14	16.9	22	14.0
2-yr College Degree	882	14.8	7	13.6	0	.	37	16.6	90	15.3
Bachelors Degree	4,794	17.9	58	17.3	4	14.0	430	20.3	553	17.2
Graduate Study	1,407	20.8	17	18.6	0	.	130	23.9	155	19.9
Prof. Level Degree	1,920	20.9	27	20.3	6	18.0	176	23.4	225	19.5
Other	255	15.5	1	18.0	1	14.0	21	18.5	30	16.0
No Response	2,292	16.9	28	15.3	6	15.0	185	20.1	240	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	247	14.5	67	14.9	56	13.5	48	15.2	36	14.0
2-yr College Degree	882	14.8	266	14.8	173	13.8	198	15.5	111	14.2
Bachelors Degree	4,794	17.9	1,564	18.1	601	15.7	1,238	18.4	346	16.7
Graduate Study	1,407	20.8	487	21.6	130	16.9	389	21.0	99	19.3
Prof. Level Degree	1,920	20.9	665	21.9	168	17.3	536	20.9	117	20.1
Other	255	15.5	60	14.9	37	13.8	59	16.5	46	14.8
No Response	2,292	16.9	610	17.7	318	14.5	485	17.4	420	15.6

Total Students in Report: 11,797

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	3,270	1,413	1,857	7	25	32	23	11	3	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	1,993	1,993	0	13	30	31	17	7	3	0
HAWAII PACIFIC UNIVERSITY	Hawaii	1,210	274	936	10	27	34	21	7	1	0
UNIVERSITY OF HAWAII AT HILO	Hawaii	1,066	385	681	12	33	32	16	6	1	0
UNIVERSITY OF HAWAII-WEST OAHU	Hawaii	871	179	692	12	32	33	17	5	1	0
U OF HAWAII-KAPIOLANI COMMUNITY COLLEGE	Hawaii	812	226	586	14	36	33	13	3	0	0
U OF HAWAII-LEEWARD COMMUNITY COLLEGE	Hawaii	804	268	536	15	41	29	11	3	0	0
U OF HAWAII-HONOLULU COMMUNITY COLLEGE	Hawaii	710	211	499	15	46	25	10	3	0	0
CHAMINADE UNIVERSITY OF HONOLULU	Hawaii	578	131	447	6	30	36	21	6	1	0
U OF HAWAII-HAWAII COMMUNITY COLLEGE	Hawaii	530	190	340	20	46	26	6	2	0	0
UNIVERSITY OF NEVADA-LAS VEGAS	Nevada	523	162	361	6	31	37	20	6	1	0
U OF HAWAII-MAUI COMMUNITY COLLEGE	Hawaii	422	127	295	16	40	28	12	4	0	0
UNIVERSITY OF WASHINGTON	Washington	414	103	311	2	12	23	29	24	9	2
UNIVERSITY OF OREGON	Oregon	398	110	288	7	21	30	25	14	4	0
OREGON STATE UNIVERSITY	Oregon	349	104	245	7	21	28	25	14	4	1
UNIVERSITY OF SOUTHERN CALIFORNIA	California	284	82	202	6	14	23	27	18	9	3
STATE-NO COLLEGE PLANS	Iowa	254	254	0	31	41	18	9	1	0	0
U OF HAWAII-WINDWARD COMMUNITY COLLEGE	Hawaii	250	46	204	15	36	32	13	4	0	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	224	85	139	14	25	30	19	10	3	0
SAN DIEGO STATE UNIVERSITY	California	222	54	168	5	27	35	22	9	2	0
UNIVERSITY OF PORTLAND	Oregon	222	39	183	4	8	32	31	17	7	1
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	212	60	152	4	17	25	25	22	6	1
U OF HAWAII-KAUAI COMMUNITY COLLEGE	Hawaii	201	57	144	16	42	29	7	3	1	0
SEATTLE UNIVERSITY	Washington	198	40	158	3	10	28	33	19	7	1
PACIFIC UNIVERSITY	Oregon	191	45	146	5	14	24	38	16	3	1
WASHINGTON STATE UNIVERSITY	Washington	170	31	139	4	14	28	37	16	1	0
NCAA ELIGIBILITY CENTER	Indiana	151	78	73	6	23	30	25	11	4	1
ARIZONA STATE UNIVERSITY	Arizona	147	48	99	10	28	32	23	4	3	1
UNIVERSITY OF SAN FRANCISCO	California	144	29	115	3	9	25	39	19	4	1
STANFORD UNIVERSITY	California	140	49	91	1	4	11	16	34	24	10
All Other Institutions		9,893	2,492	7,401	8	23	27	22	13	6	1
Total		26,853	9,365	17,488	9	27	29	20	10	4	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: 11,797

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	11,284	976,031	16.9	21.3	6.4	7.1	16.7	20.6
Black/African American	131	114,263	16.4	16.4	6.1	6.3	16.2	16.3
American Indian/Alaska Native	17	6,408	14.0	16.8	4.7	6.2	13.0	16.5
White	931	520,054	20.5	23.1	7.0	7.3	20.0	22.1
Hispanic/Latino	1,270	167,575	16.4	18.5	6.3	6.9	16.3	18.4
Asian	3,612	61,663	17.4	23.7	6.7	7.7	17.4	22.9
Native Hawaiian/Other Pac. Isl.	1,394	3,742	13.4	17.7	5.7	6.6	13.5	17.6
Two or more races	2,785	39,565	17.6	21.4	6.5	7.1	17.4	20.7
Prefer not/No Response	1,144	62,761	14.9	21.6	5.8	7.1	14.7	20.9
Males	5,178	438,500	16.2	21.1	6.1	6.9	15.9	20.2
Females	5,605	530,240	17.6	21.6	6.8	7.3	17.7	21.1
Missing	501	7,291	14.4	16.0	5.8	5.9	14.4	15.7

