

ACT Profile Report - State

Graduating Class 2014

Kansas



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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

31% 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: 23,924 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. 80% 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 4% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 14% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 60% 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. 21% of these students were college ready. In comparison, 47% 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 40% 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

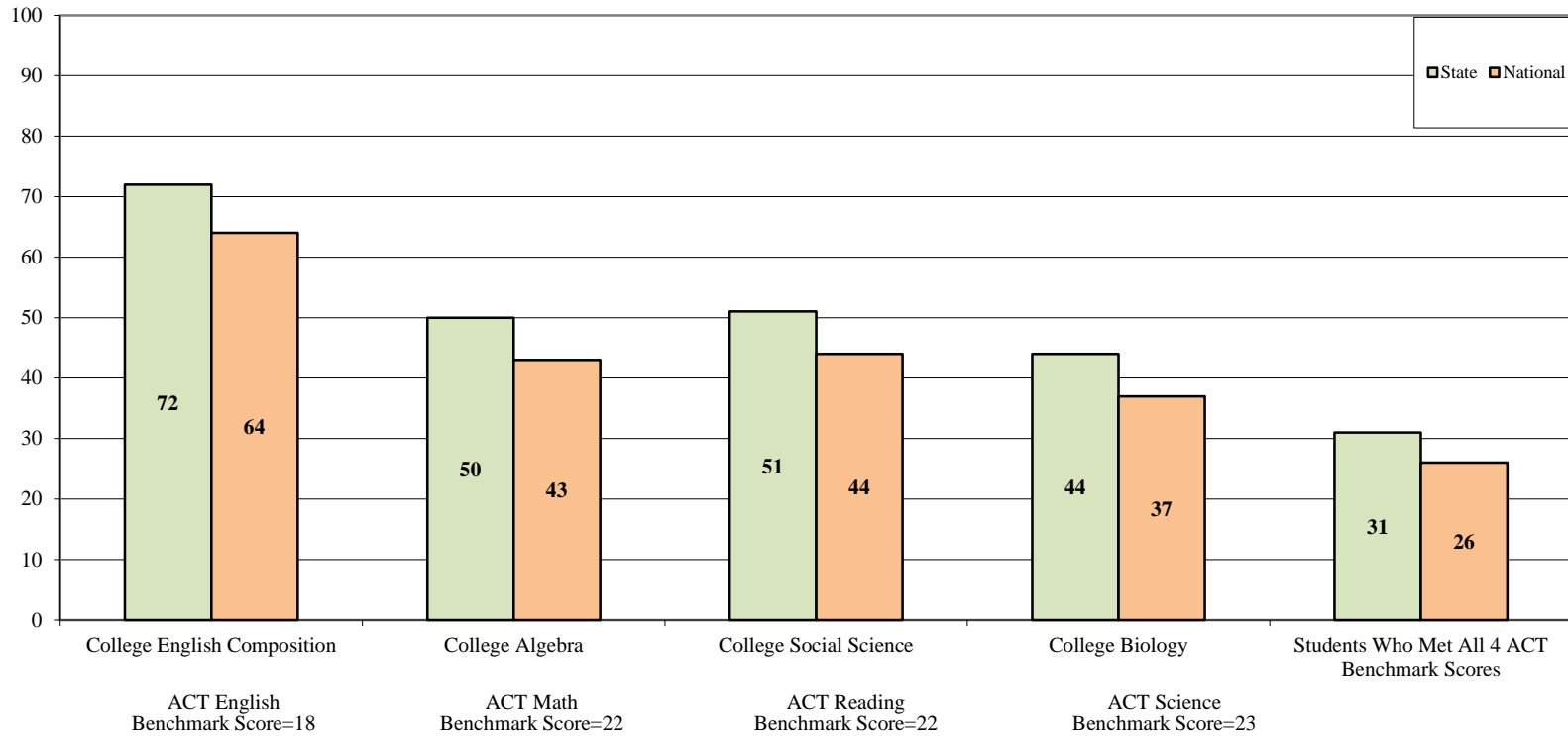
Executive Summary

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: 23,924

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	23,342	1,568,835	74	66	51	43	60	52	34	29	28	24
2011	23,628	1,623,112	73	66	51	45	60	52	34	30	28	25
2012	23,907	1,666,017	73	67	52	46	60	52	35	31	29	25
2013	24,268	1,799,243	72	64	51	44	51	44	42	36	30	26
2014	23,924	1,845,787	72	64	50	43	51	44	44	37	31	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	23,342	1,568,835	21.4	20.5	21.7	21.0	22.3	21.3	21.9	20.9	22.0	21.0
2011	23,628	1,623,112	21.4	20.6	21.8	21.1	22.3	21.3	21.9	20.9	22.0	21.1
2012	23,907	1,666,017	21.3	20.5	21.8	21.1	22.3	21.3	21.7	20.9	21.9	21.1
2013	24,268	1,799,243	21.2	20.2	21.7	20.9	22.3	21.1	21.7	20.7	21.8	20.9
2014	23,924	1,845,787	21.4	20.3	21.7	20.9	22.5	21.3	21.8	20.8	22.0	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	23,342	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	23,628	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	23,907	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	24,268	1,799,243	20.2	20.9	21.1	20.7	20.9
2014	23,924	1,845,787	20.3	20.9	21.3	20.8	21.0

Total Students in Report: 23,924

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	18,587	4,477	80	19	22.2	18.4	22.4	19.1	23.0	19.8	22.5	19.6	22.6	19.3
2011	18,912	4,471	80	19	22.1	18.5	22.4	19.2	22.9	20.0	22.4	19.6	22.6	19.5
2012	19,366	4,368	81	18	22.0	18.4	22.4	19.2	22.9	19.9	22.3	19.5	22.5	19.4
2013	19,467	4,455	80	18	22.0	18.0	22.4	18.9	22.9	19.6	22.4	19.3	22.6	19.1
2014	19,182	4,262	80	18	22.2	18.5	22.3	19.1	23.2	20.0	22.5	19.5	22.7	19.4

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

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	23,342	100	22.0	23,628	100	22.0	23,907	100	21.9	24,268	100	21.8	23,924	100	22.0
Black/African American	1,280	5	17.7	1,314	6	17.7	1,278	5	17.6	1,340	6	17.5	1,234	5	17.7
American Indian/Alaska Native	263	1	20.3	218	1	20.2	159	1	20.3	174	1	19.8	143	1	20.3
White	18,299	78	22.6	17,900	76	22.6	17,635	74	22.6	17,522	72	22.6	17,011	71	22.8
Hispanic/Latino	1,527	7	19.2	2,076	9	19.4	2,367	10	19.5	2,686	11	19.3	2,770	12	19.2
Asian	628	3	22.6	669	3	22.5	671	3	22.0	621	3	22.1	777	3	22.4
Native Hawaiian/Other Pacific Islander	0	0	.	17	0	18.7	19	0	20.5	22	0	20.5	20	0	21.3
Two or more races	636	3	20.8	777	3	21.2	1,110	5	21.0	1,181	5	21.2	1,134	5	21.4
Prefer not to respond/No response	709	3	21.4	657	3	22.0	668	3	22.7	722	3	21.4	835	3	21.4

Total Students in Report: 23,924

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



Total Students in Report: 23,924

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	23,524	98	21.5	21.7	22.5	21.9	22.0
	Extended Time	400	2	17.7	18.7	19.9	19.3	19.0
	Total	23,924	100	21.4	21.7	22.5	21.8	22.0
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	72	51	52	44	31
	Extended Time	48	26	37	24	16
	Total	72	50	51	44	31
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: 23,924

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	111	100	56	100	173	100	136	100	24	100	36
35	355	100	132	100	240	99	173	99	74	100	35
34	408	98	203	99	446	98	256	99	165	100	34
33	469	96	216	98	595	96	179	98	314	99	33
32	384	94	204	97	811	94	238	97	382	98	32
31	402	93	273	97	809	91	347	96	412	96	31
30	566	91	442	95	780	87	381	94	560	94	30
29	645	89	609	94	695	84	256	93	676	92	29
28	626	86	828	91	844	81	565	92	875	89	28
27	771	83	1,104	88	878	77	1,108	89	1,011	85	27
26	958	80	1,555	83	956	74	907	85	1,269	81	26
25	1,298	76	1,766	77	958	70	1,873	81	1,396	76	25
24	1,565	71	1,828	69	1,263	66	1,993	73	1,637	70	24
23	1,347	64	1,578	61	1,505	61	2,044	65	1,739	63	23
22	1,641	59	1,252	55	1,365	54	2,254	56	1,885	56	22
21	1,775	52	1,114	50	2,225	49	1,839	47	1,929	48	21
20	1,661	44	1,127	45	1,292	39	1,988	39	1,605	40	20
19	1,232	37	1,265	40	1,743	34	1,870	31	1,641	33	19
18	1,025	32	1,737	35	1,175	27	1,287	23	1,545	26	18
17	927	28	2,218	28	1,111	22	1,130	18	1,337	20	17
16	1,140	24	2,334	18	927	17	834	13	1,139	14	16
15	1,346	19	1,353	9	920	13	603	9	884	10	15
14	961	14	485	3	764	9	528	7	635	6	14
13	582	10	170	1	552	6	384	5	413	3	13
12	441	7	49	1	473	4	282	3	245	2	12
11	540	5	19	1	230	2	215	2	91	1	11
10	358	3	3	1	113	1	108	1	21	1	10
9	218	2	3	1	35	1	92	1	16	1	9
8	98	1	0	1	10	1	35	1	1	1	8
7	45	1	0	1	17	1	11	1	2	1	7
6	18	1	1	1	4	1	2	1	0	1	6
5	6	1	0	1	10	1	2	1	1	1	5
4	3	1	0	1	3	1	2	1	0	1	4
3	0	1	0	1	1	1	1	1	0	1	3
2	2	1	0	1	1	1	1	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	21.4 (6.2)		21.7 (5.0)		22.5 (6.0)		21.8 (5.0)		22.0 (5.0)		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	953	100	324	100	662	100	889	100	815	100	177	100	155	100	18
17	1,366	96	503	99	1,419	97	1,612	96	976	97	259	99	105	99	17
16	910	90	1,241	97	1,765	91	1,597	90	1,271	93	575	98	909	99	16
15	1,184	87	1,870	91	1,255	84	1,585	83	1,417	87	1,389	96	1,403	95	15
14	1,123	82	2,054	84	2,252	79	1,469	76	2,148	81	2,343	90	1,806	89	14
13	1,877	77	2,369	75	2,306	69	2,057	70	2,610	72	2,758	80	2,361	82	13
12	1,803	69	2,572	65	2,392	60	2,203	62	2,883	61	3,123	69	2,997	72	12
11	2,528	61	2,771	54	2,254	50	2,306	52	1,931	49	2,459	56	3,273	59	11
10	2,704	51	2,442	43	2,330	40	2,023	43	1,952	41	3,887	45	2,953	46	10
9	2,407	40	2,411	33	2,003	30	2,854	34	2,050	33	2,514	29	3,343	33	9
8	1,975	30	2,023	22	2,315	22	1,520	22	2,250	25	2,110	19	2,144	19	8
7	1,551	21	1,140	14	1,495	12	1,403	16	2,040	15	1,100	10	1,160	10	7
6	1,379	15	939	9	778	6	963	10	946	7	567	5	575	5	6
5	1,041	9	715	5	425	3	937	6	419	3	346	3	325	3	5
4	637	5	396	2	154	1	344	2	141	1	129	1	206	2	4
3	367	2	124	1	60	1	104	1	58	1	141	1	122	1	3
2	105	1	23	1	49	1	57	1	16	1	6	1	60	1	2
1	14	1	7	1	10	1	1	1	1	1	41	1	27	1	1
Avg (SD)	10.7 (3.8)		11.1 (3.3)		11.5 (3.4)		11.4 (3.7)		11.3 (3.4)		11.0 (2.8)		10.8 (2.8)		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)	25	25	27	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 23,924

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	23,924	80	22.7	19.4
	Black/African American	1,234	69	18.7	16.2
	American Indian/Alaska Native	143	69	21.0	19.1
	White	17,011	83	23.3	20.4
	Hispanic/Latino	2,770	75	20.0	17.0
	Asian	777	81	23.0	20.2
	Native Hawaiian/Other Pac. Isl.	20	80	22.9	14.7
	Two or more races	1,134	79	22.2	18.7
	Prefer not/No Response	835	62	23.5	18.1
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	21.4	21.7	22.5	21.8	22.0
	Black/African American	16.6	18.0	18.1	17.8	17.7
	American Indian/Alaska Native	19.3	19.7	21.4	20.1	20.3
	White	22.4	22.3	23.3	22.6	22.8
	Hispanic/Latino	18.1	19.3	19.6	19.3	19.2
	Asian	21.5	23.5	21.8	22.3	22.4
	Native Hawaiian/Other Pac. Isl.	20.6	21.0	21.5	21.0	21.3
	Two or more races	20.8	20.9	22.0	21.4	21.4
	Prefer not/No Response	20.8	20.9	22.2	21.1	21.4
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: 23,924

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	1,343	6	607	3	1,454	6	744	3
	28 to 32	2,623	11	2,356	10	3,939	16	1,787	7
	24 to 27	4,592	19	6,253	26	4,055	17	5,881	25
	20 to 23	6,424	27	5,071	21	6,387	27	8,125	34
	16 to 19	4,324	18	7,554	32	4,956	21	5,121	21
	13 to 15	2,889	12	2,008	8	2,236	9	1,515	6
	01 to 12	1,729	7	75	0	897	4	751	3
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	11,110	46	21.2	22.3	22.4	22.5	22.2
	Females	12,710	53	21.7	21.2	22.5	21.4	21.8
	Missing	104	0	12.8	15.6	15.2	14.9	14.8
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	71	55	51	49	34
	Females	73	47	52	39	28
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 23,924

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	19,182	77	22.2	56	22.3	56	23.2	49	22.5	35	22.7
	Less than Core	4,262	53	18.5	28	19.1	34	20.0	25	19.5	15	19.4
	Missing ³	480	30	15.2	15	17.3	20	17.0	13	17.0	8	16.8
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	22,898	73	21.6	22,448	53	22.0	22,351	53	22.7	20,729	47	22.3
	Less than Core	584	51	17.9	1,008	8	16.6	1,127	35	20.1	2,737	21	19.0
	Missing ³	442	31	15.4	468	15	17.3	446	21	17.3	458	13	17.1
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

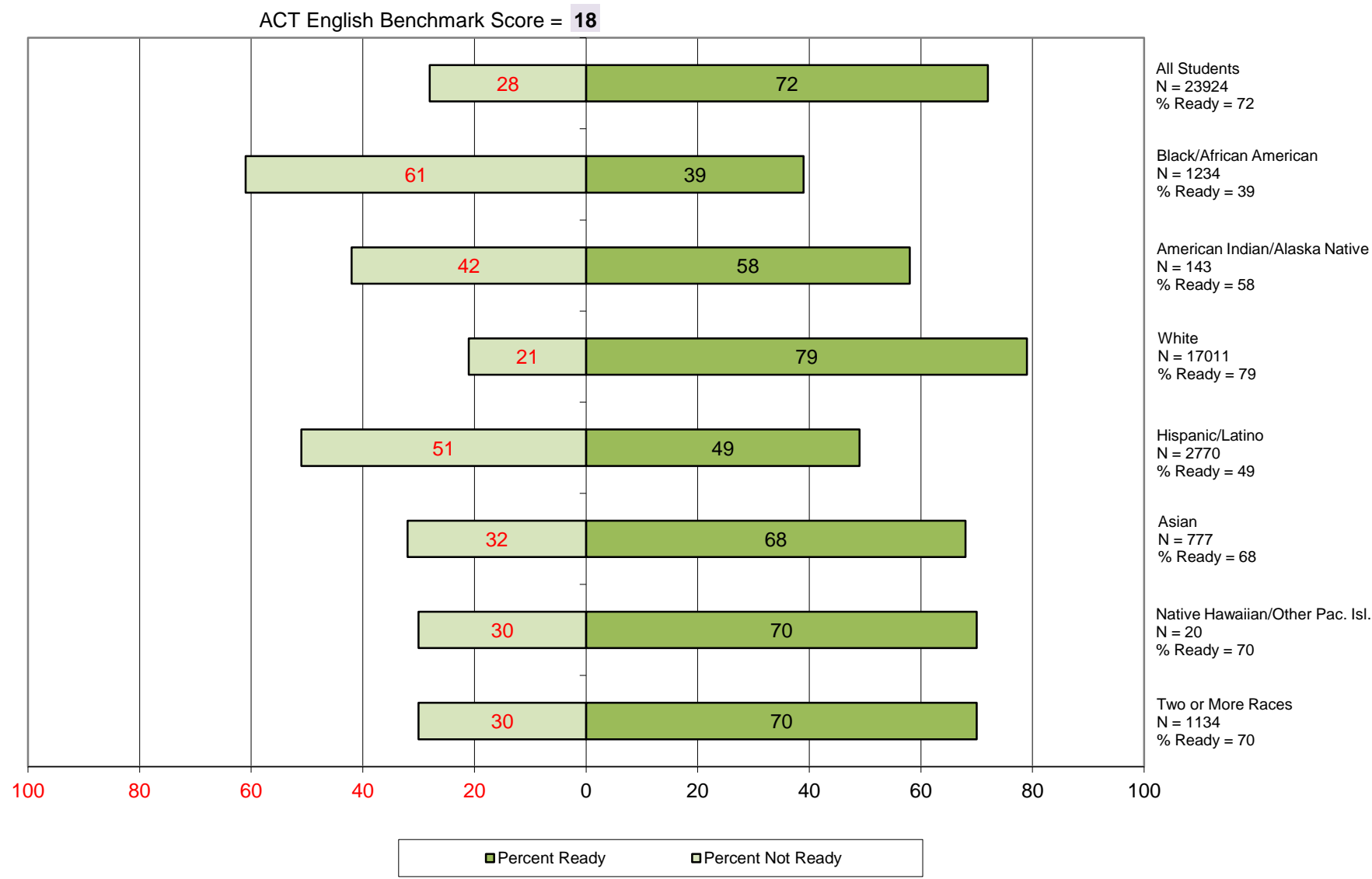
College Readiness and the Impact of Course Rigor

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.

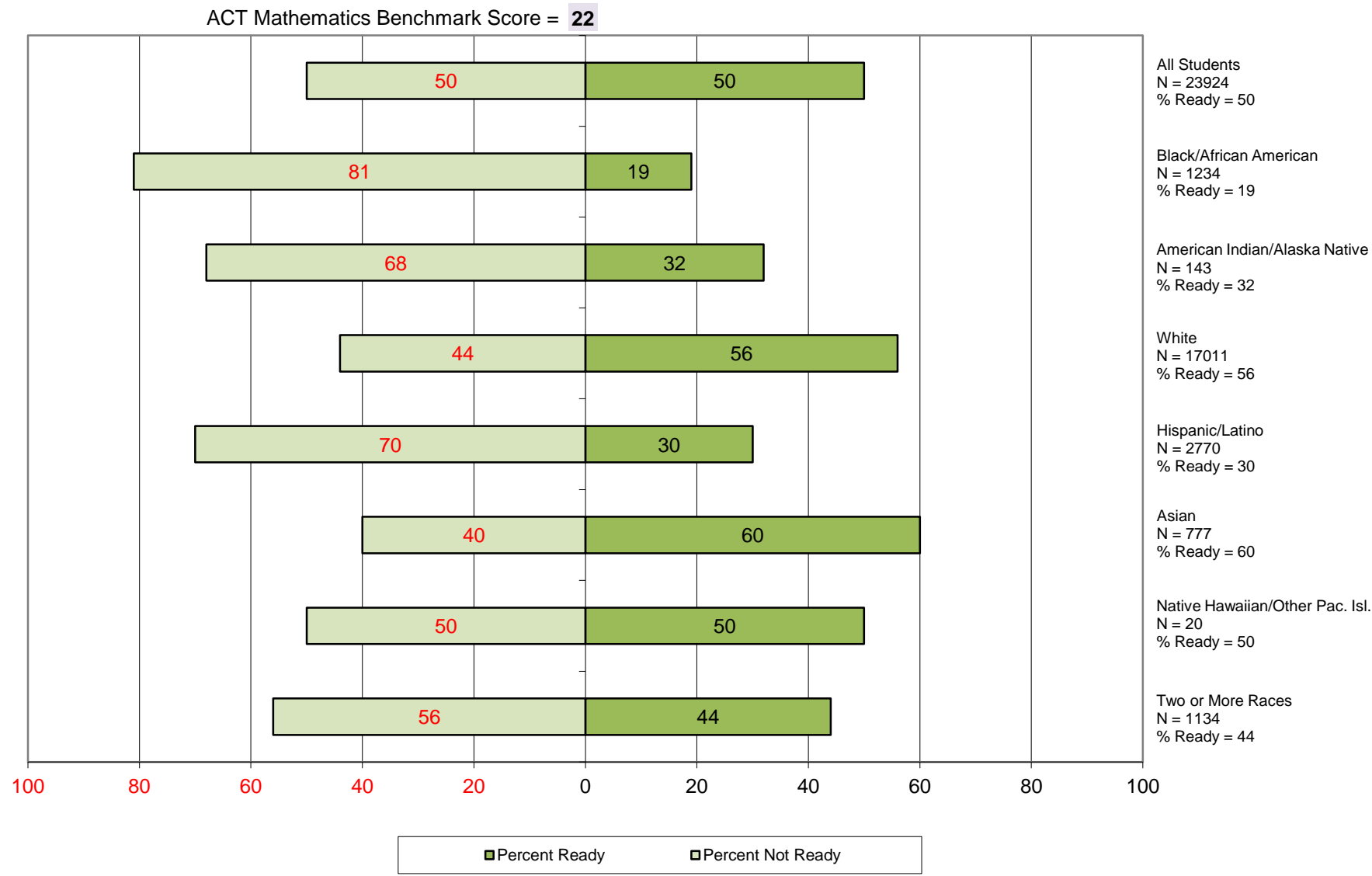
Total Students in Report: 23,924

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



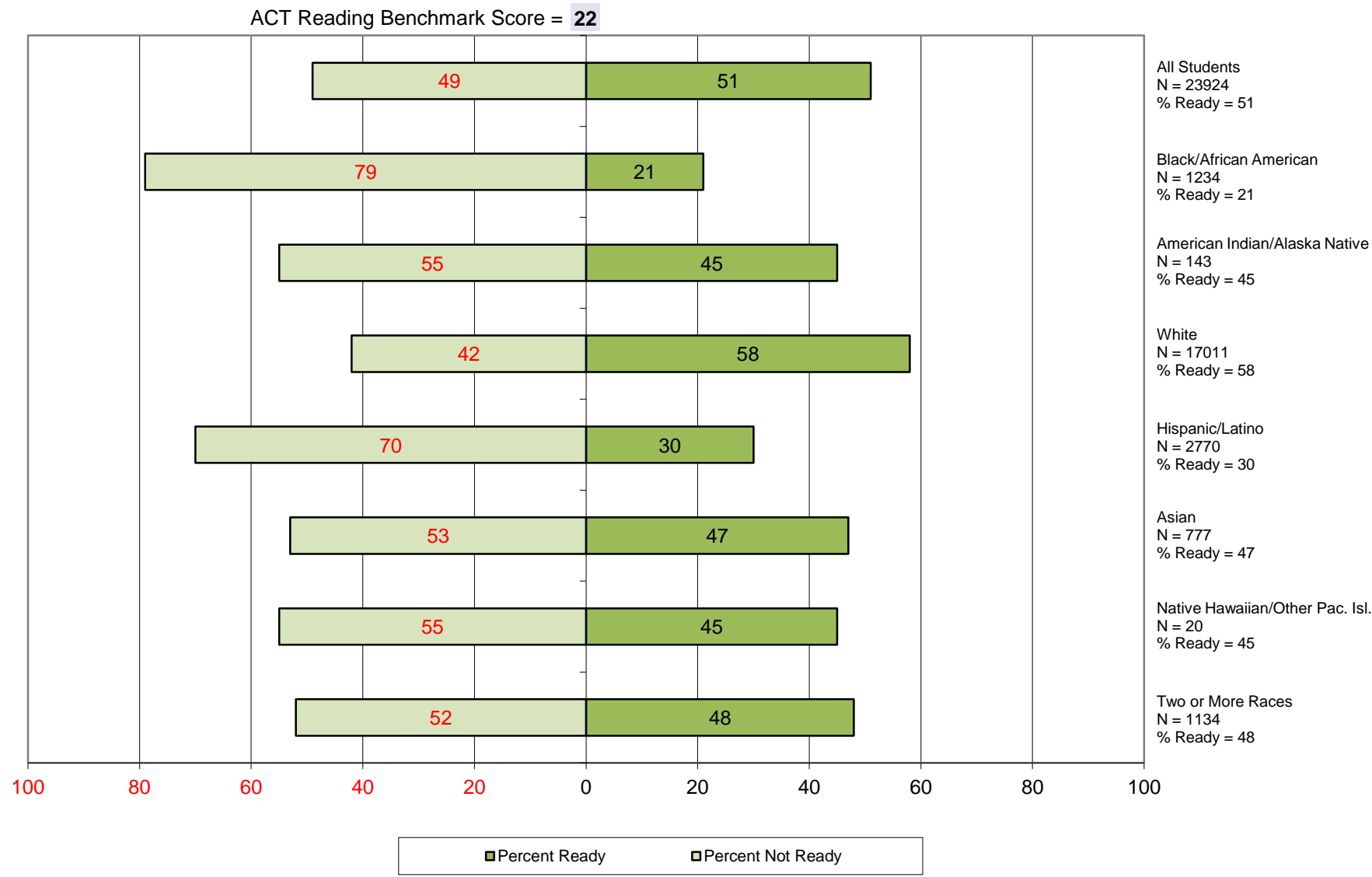
Total Students in Report: 23,924

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



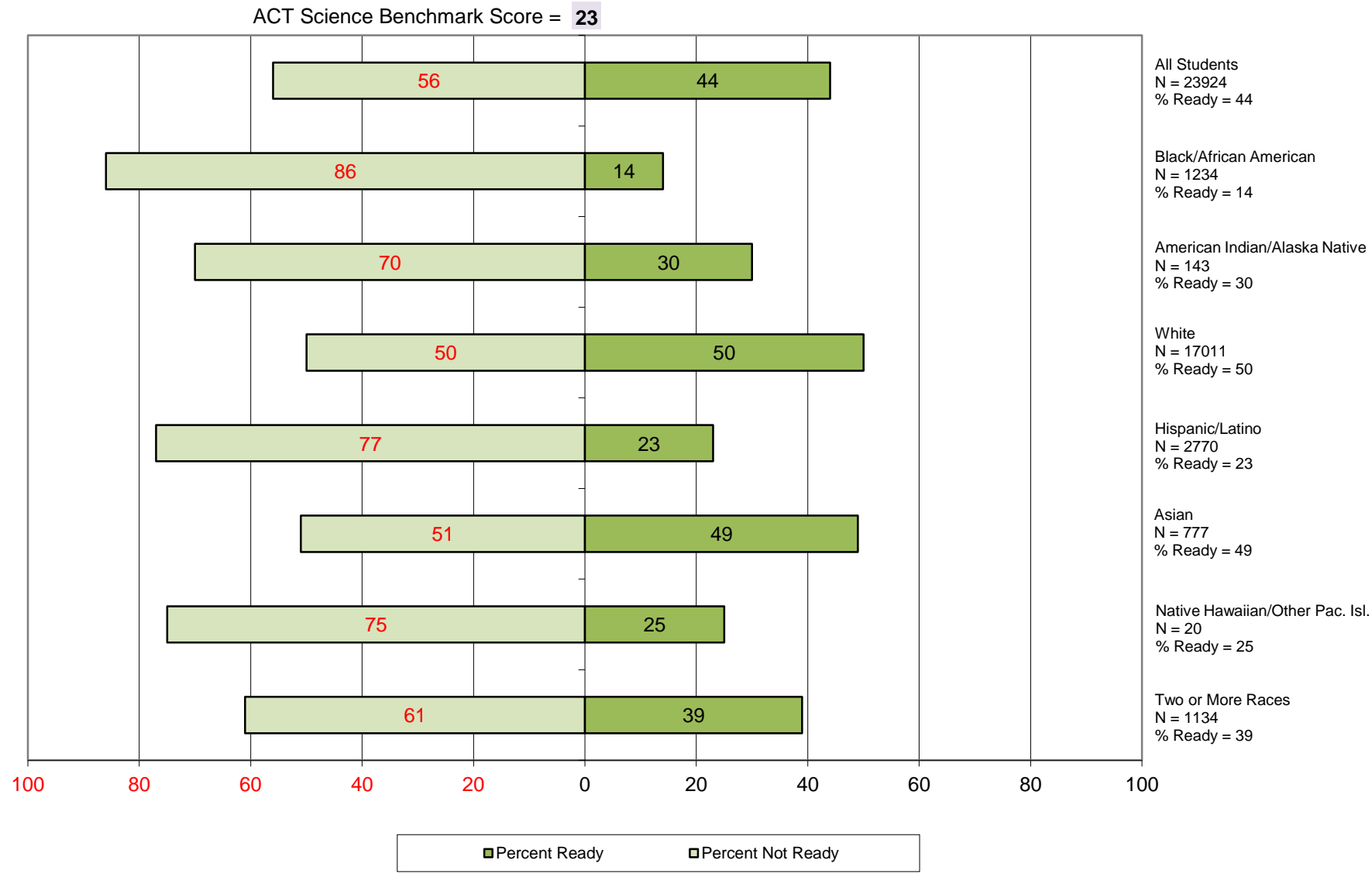
Total Students in Report: 23,924

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



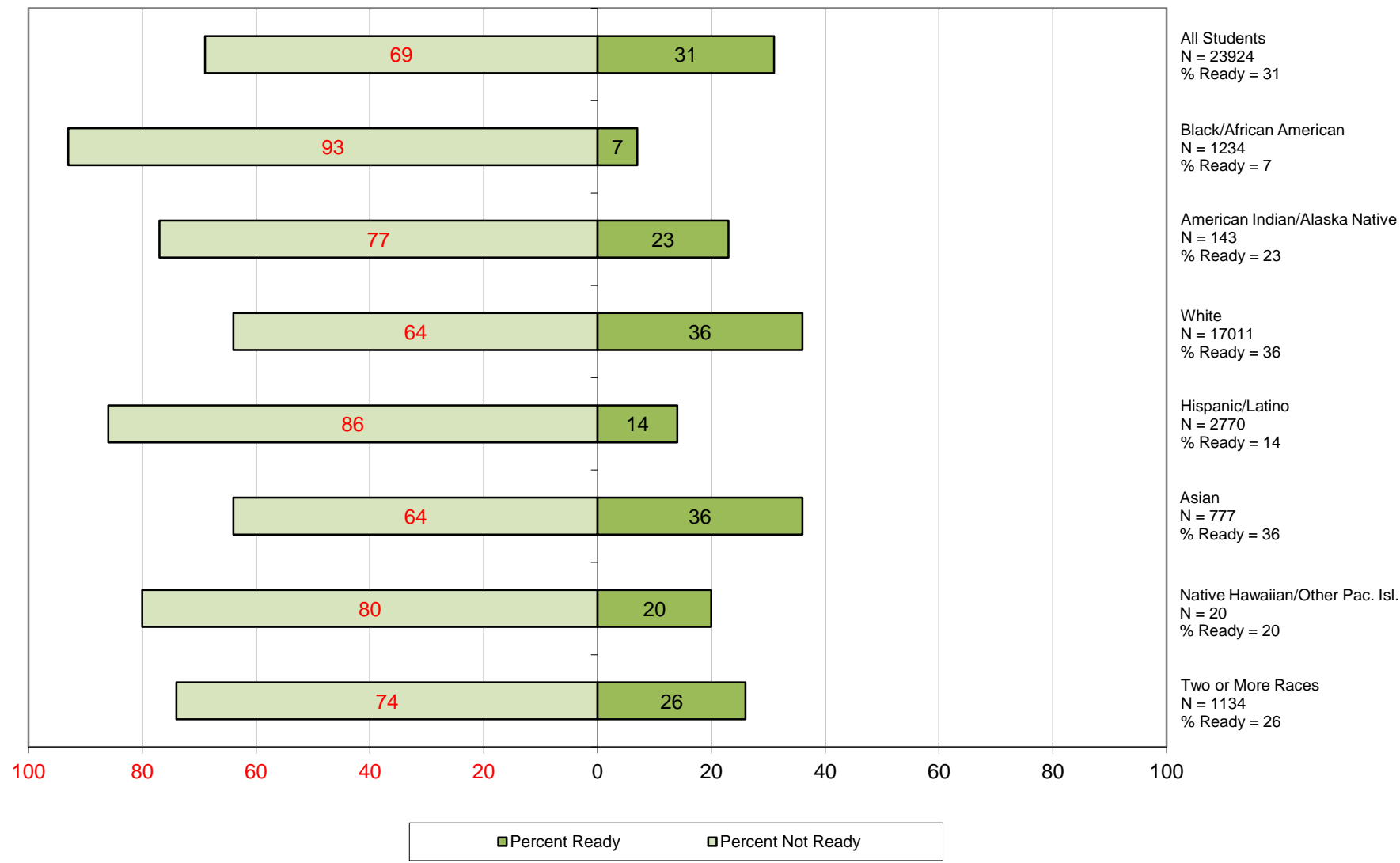
Total Students in Report: 23,924

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



Total Students in Report: 23,924

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



Total Students in Report: 23,924

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	6,383	27	21.9	4.0	2,770	25	21.6	3.4	3,609	28	22.2	3.9
Eng 9, Eng 10, Eng 11, Eng 12	16,515	69	21.5	3.6	7,873	71	21.3	3.1	8,615	68	21.7	3.4
Less than 4 years of English	584	2	17.9	-	240	2	18.2	-	311	2	18.3	-
Zero years / no English courses reported	442	2	15.4	-	227	2	15.4	-	175	1	15.8	-
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	1,347	6	24.7	8.1	659	6	25.3	8.2	688	5	24.0	7.8
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,518	11	22.7	6.1	995	9	23.3	6.2	1,520	12	22.3	6.1
Alg 1, Alg 2, Geom, & Trig	1,174	5	20.5	3.9	535	5	21.2	4.1	639	5	19.9	3.7
Alg 1, Alg 2, Geom, & Other Adv Math	4,285	18	20.5	3.9	1,645	15	21.1	4.0	2,628	21	20.2	4.0
Other comb of 4 or more years of Math	8,882	37	24.1	7.5	4,519	41	24.7	7.6	4,360	34	23.4	7.2
Alg 1, Alg 2, & Geom	3,323	14	17.8	1.2	1,577	14	18.2	1.1	1,716	14	17.5	1.3
Other comb of 3 or 3.5 years of Math	919	4	19.8	3.2	442	4	20.1	3.0	474	4	19.5	3.3
Less than 3 years of Math	1,008	4	16.6	-	499	4	17.1	-	495	4	16.2	-
Zero years / no Math courses reported	468	2	17.3	-	239	2	17.5	-	190	1	17.3	-
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	1,151	5	23.3	3.2	595	5	23.0	2.8	555	4	23.6	3.2
Other comb of 4 or more years Social Science	11,118	46	23.1	3.0	5,019	45	23.1	2.9	6,093	48	23.1	2.7
US Hist, World Hist, & Am Gov	3,081	13	21.1	1.0	1,556	14	21.1	0.9	1,524	12	21.1	0.7
Other comb of 3 or 3.5 years of Social Science	7,001	29	22.6	2.5	3,120	28	22.6	2.4	3,863	30	22.5	2.1
Less than 3 years of Social Science	1,127	5	20.1	-	591	5	20.2	-	498	4	20.4	-
Zero years / no Social Science courses reported	446	2	17.3	-	229	2	17.3	-	177	1	17.5	-
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	10,729	45	23.1	4.1	5,345	48	23.8	4.6	5,375	42	22.4	3.5
Bio, Chem, Phys	2,435	10	24.3	5.3	1,156	10	25.0	5.8	1,275	10	23.7	4.8
Gen Sci ² , Bio, Chem	7,022	29	20.6	1.6	2,846	26	20.9	1.7	4,155	33	20.4	1.5
Other comb of 3 years of Natural Science	543	2	20.5	1.5	293	3	21.2	2.0	249	2	19.7	0.8
Less than 3 years of Natural Science	2,737	11	19.0	-	1,235	11	19.2	-	1,473	12	18.9	-
Zero years / no Natural Science courses reported	458	2	17.1	-	235	2	17.5	-	183	1	17.0	-

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: 23,924

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	6,383	27	21.9	75	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	16,515	69	21.5	73	1,305,220	71	20.5	65
Less than 4 years of English	584	2	17.9	51	88,420	5	15.9	36
Zero years / no English courses reported	442	2	15.4	31	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	1,347	6	24.7	75	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,518	11	22.7	64	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	1,174	5	20.5	41	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	4,285	18	20.5	42	356,555	19	19.4	31
Other comb of 4 or more years of Math	8,882	37	24.1	70	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	3,323	14	17.8	14	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	919	4	19.8	33	90,105	5	19.8	35
Less than 3 years of Math	1,008	4	16.6	8	74,627	4	16.4	8
Zero years / no Math courses reported	468	2	17.3	15	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	1,151	5	23.3	57	48,992	3	22.3	50
Other comb of 4 or more years Social Science	11,118	46	23.1	56	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	3,081	13	21.1	41	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	7,001	29	22.6	52	504,877	27	21.3	43
Less than 3 years of Social Science	1,127	5	20.1	35	180,385	10	19.4	32
Zero years / no Social Science courses reported	446	2	17.3	21	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	10,729	45	23.1	55	781,043	42	22.1	46
Bio, Chem, Phys	2,435	10	24.3	65	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	7,022	29	20.6	31	505,460	27	20.0	28
Other comb of 3 years of Natural Science	543	2	20.5	34	52,236	3	19.2	24
Less than 3 years of Natural Science	2,737	11	19.0	21	220,701	12	18.1	17
Zero years / no Natural Science courses reported	458	2	17.1	13	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.

Total Students in Report: 23,924

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	637	3	20.9	67	5	17.8	544	3	21.4
Architecture	326	1	22.5	9	1	16.0	302	1	22.8
Area, Ethnic, & Multidisciplinary Studies	17	0	24.3	2	0	13.5	13	0	26.1
Arts: Visual & Performing	1,503	6	21.7	90	7	17.8	1,303	6	22.1
Business	2,099	9	21.7	124	10	17.8	1,874	9	22.1
Communications	423	2	22.6	5	0	16.0	405	2	22.8
Community, Family, & Personal Services	562	2	19.1	95	7	17.0	440	2	19.6
Computer Science & Mathematics	561	2	23.9	33	3	18.8	501	2	24.3
Education	1,570	7	21.2	46	4	16.4	1,463	7	21.4
Engineering	1,719	7	24.6	41	3	17.8	1,589	8	24.9
Engineering Technology & Drafting	349	1	21.0	56	4	17.5	269	1	21.9
English & Foreign Languages	220	1	24.7	3	0	23.0	208	1	24.8
Health Administration & Assisting	804	3	19.3	75	6	16.8	681	3	19.7
Health Sciences & Technologies	4,611	19	21.9	141	11	17.0	4,255	20	22.2
Philosophy, Religion, & Theology	166	1	22.4	10	1	19.4	144	1	22.5
Repair, Production, & Construction	322	1	18.8	149	12	18.2	154	1	19.4
Sciences: Biological & Physical	1,284	5	24.0	17	1	17.6	1,228	6	24.2
Social Sciences & Law	1,590	7	22.0	35	3	18.1	1,486	7	22.2
Undecided	4,793	20	22.2	251	20	18.0	4,076	19	22.6
No Response	357	1	16.6	27	2	13.8	41	0	17.8

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: 23,924

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	342	17.5	15	15.1	3	17.0	219	18.6	64	15.3
2-yr College Degree	939	17.5	66	15.0	10	16.7	605	18.3	164	16.4
Bachelors Degree	13,070	21.3	593	17.3	75	19.1	9,769	22.0	1,473	19.1
Graduate Study	3,462	24.4	141	20.4	12	22.9	2,645	25.0	272	21.5
Prof. Level Degree	4,450	24.1	280	19.5	35	23.4	2,938	24.9	522	21.2
Other	344	19.0	24	13.7	1	17.0	219	20.3	48	16.2
No Response	1,317	20.0	115	15.3	7	19.4	616	22.5	227	16.6

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	342	17.5	12	15.3	0	.	18	17.9	11	15.3
2-yr College Degree	939	17.5	18	15.9	1	15.0	40	17.9	35	15.3
Bachelors Degree	13,070	21.3	267	20.5	8	20.9	563	20.5	322	21.4
Graduate Study	3,462	24.4	113	24.2	6	22.2	178	23.5	95	24.6
Prof. Level Degree	4,450	24.1	266	25.2	3	27.0	257	23.2	149	24.5
Other	344	19.0	20	18.3	1	15.0	20	20.4	11	17.3
No Response	1,317	20.0	81	20.5	1	14.0	58	19.8	212	19.3

Total Students in Report: 23,924

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
KANSAS STATE UNIVERSITY	Kansas	6,930	3,132	3,798	1	4	17	32	29	16	2
UNIVERSITY OF KANSAS	Kansas	6,253	2,573	3,680	1	3	17	31	29	17	3
WICHITA STATE UNIVERSITY	Kansas	3,565	1,133	2,432	1	6	21	34	25	12	1
EMPORIA STATE UNIVERSITY	Kansas	1,934	539	1,395	0	7	26	35	22	10	0
PITTSBURG STATE UNIVERSITY	Kansas	1,750	538	1,212	2	6	24	37	22	9	0
FORT HAYS STATE UNIVERSITY	Kansas	1,729	573	1,156	1	8	27	34	21	8	1
WASHBURN UNIVERSITY	Kansas	1,450	500	950	1	5	25	34	25	10	0
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	1,253	406	847	2	9	28	31	20	9	0
BUTLER COMMUNITY COLLEGE	Kansas	1,248	483	765	1	11	31	33	18	4	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	758	288	470	1	11	33	32	16	6	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	682	141	541	1	9	19	30	23	15	2
BAKER UNIVERSITY	Kansas	551	124	427	2	5	25	30	27	10	1
UNIVERSITY OF ARKANSAS	Arkansas	550	142	408	0	1	7	25	41	23	3
OKLAHOMA STATE UNIVERSITY	Oklahoma	541	113	428	1	4	13	31	34	15	2
NCAA ELIGIBILITY CENTER	Indiana	519	250	269	1	5	20	31	30	12	1
NEWMAN UNIVERSITY	Kansas	463	86	377	1	5	20	34	25	15	1
UNIV OF MISSOURI-COLUMBIA	Missouri	435	97	338	0	3	11	24	34	22	5
FRIENDS UNIVERSITY	Kansas	409	98	311	2	8	23	33	24	9	1
COWLEY COUNTY COMMUNITY COLL	Kansas	400	130	270	2	14	33	33	14	4	0
KANSAS CITY KANSAS COMM COLL	Kansas	348	121	227	15	27	27	19	10	2	0
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	327	71	256	1	2	11	19	36	26	6
UNIVERSITY OF OKLAHOMA	Oklahoma	310	61	249	1	5	15	28	29	16	5
BENEDICTINE COLLEGE	Kansas	294	100	194	0	1	13	30	34	21	2
BARTON COUNTY COMMUNITY COLLEGE	Kansas	263	107	156	2	13	31	36	14	3	0
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	260	81	179	0	13	37	31	14	3	0
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	233	66	167	0	12	31	37	16	3	0
HIGHLAND COMMUNITY COLLEGE	Kansas	227	77	150	1	10	31	35	18	4	1
COLBY COMMUNITY COLLEGE	Kansas	226	97	129	2	15	34	32	13	4	0
GARDEN CITY COMMUNITY COLLEGE	Kansas	204	69	135	1	15	45	30	8	1	0
FORT SCOTT COMMUNITY COLLEGE	Kansas	196	62	134	5	10	37	26	16	7	1
All Other Institutions		14,729	3,910	10,819	2	7	18	24	24	19	5
Total		49,037	16,168	32,869	1	6	20	30	25	15	3

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: 23,924

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	3,180	976,031	25.3	21.3	7.3	7.1	23.7	20.6
Black/African American	156	114,263	20.1	16.4	6.8	6.3	19.5	16.3
American Indian/Alaska Native	19	6,408	23.1	16.8	7.4	6.2	22.2	16.5
White	2,158	520,054	26.0	23.1	7.4	7.3	24.3	22.1
Hispanic/Latino	307	167,575	21.5	18.5	7.0	6.9	20.6	18.4
Asian	209	61,663	27.2	23.7	7.8	7.7	25.5	22.9
Native Hawaiian/Other Pac. Isl.	4	3,742	22.0	17.7	6.3	6.6	20.3	17.6
Two or more races	166	39,565	24.7	21.4	7.4	7.1	23.4	20.7
Prefer not/No Response	161	62,761	25.8	21.6	7.2	7.1	24.0	20.9
Males	1,427	438,500	25.1	21.1	7.1	6.9	23.4	20.2
Females	1,753	530,240	25.4	21.6	7.5	7.3	24.0	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

