

ACT Profile Report - State

Graduating Class 2013
Kansas



ACT, INC. -- CONFIDENTIAL



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This report provides information about the performance of your 2013 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2013. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students who met or exceeded ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at www.act.org/standard/infoserv.html.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores, updated for 2013, are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

30% 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: 24,268 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 5% of the cohort took less than three years of math courses. Of these students, 7% were college ready. 15% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 15% of these students were college ready. In comparison, 61% 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. 19% of these students were college ready. In comparison, 46% 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 39% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact ACT Customer Service at 319-337-1309 or customerservices@act.org.

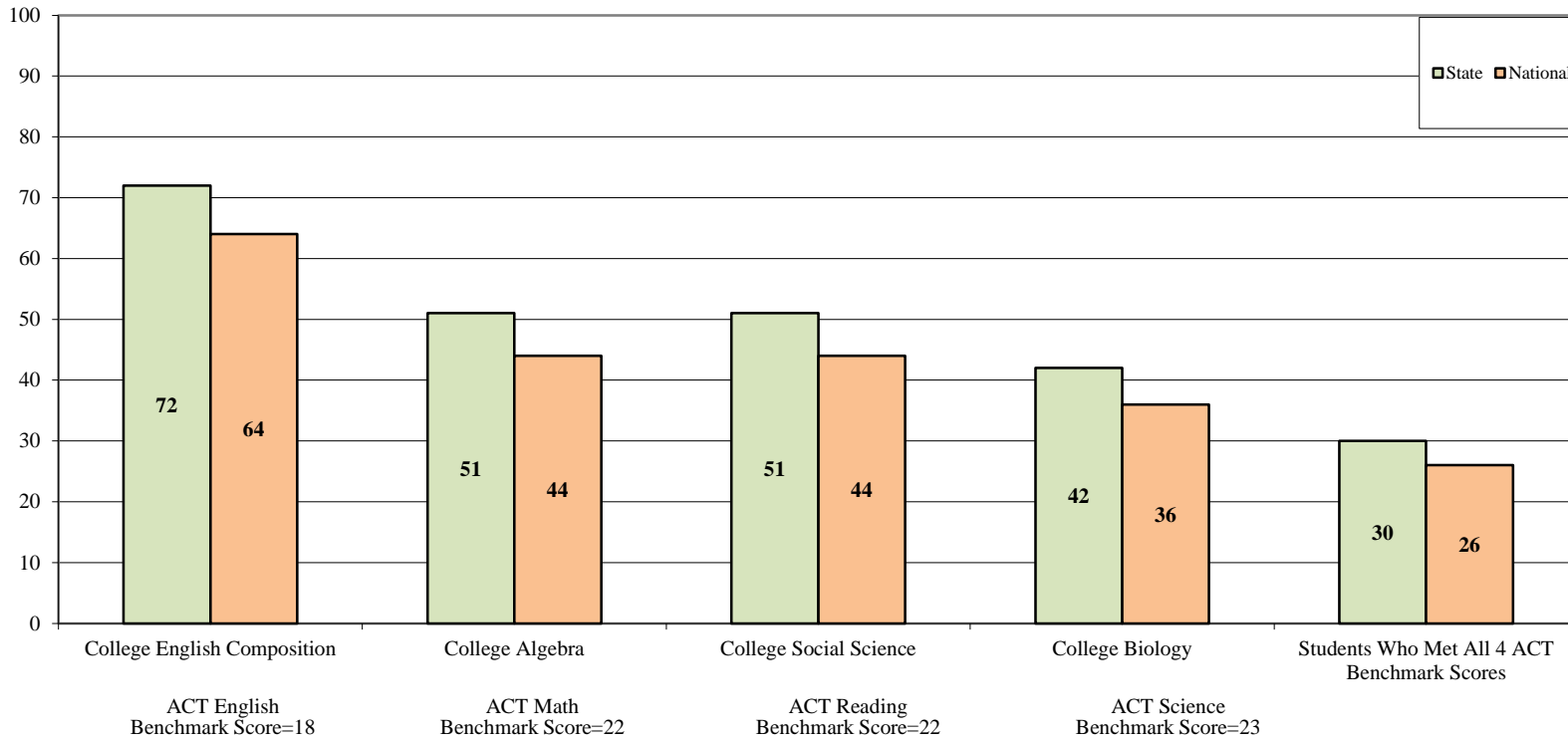
Section I

Executive Summary

Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.

To find the results of only standard time or extended time test takers, refer to Tables 1.7 and 1.8 on page 10.

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2009	23,147	1,480,469	74	67	48	42	60	53	33	28	26	23
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

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2009	23,147	1,480,469	21.4	20.6	21.7	21.0	22.4	21.4	21.8	20.9	21.9	21.1
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	1,799,243	20.2	20.9	21.1	20.7	20.9

Total Students in Report: 24,268

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
	Core or More ¹	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2009	18,139	4,691	78	20	22.2	18.6	22.4	19.2	23.1	20.1	22.3	19.6	22.6	19.5
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

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

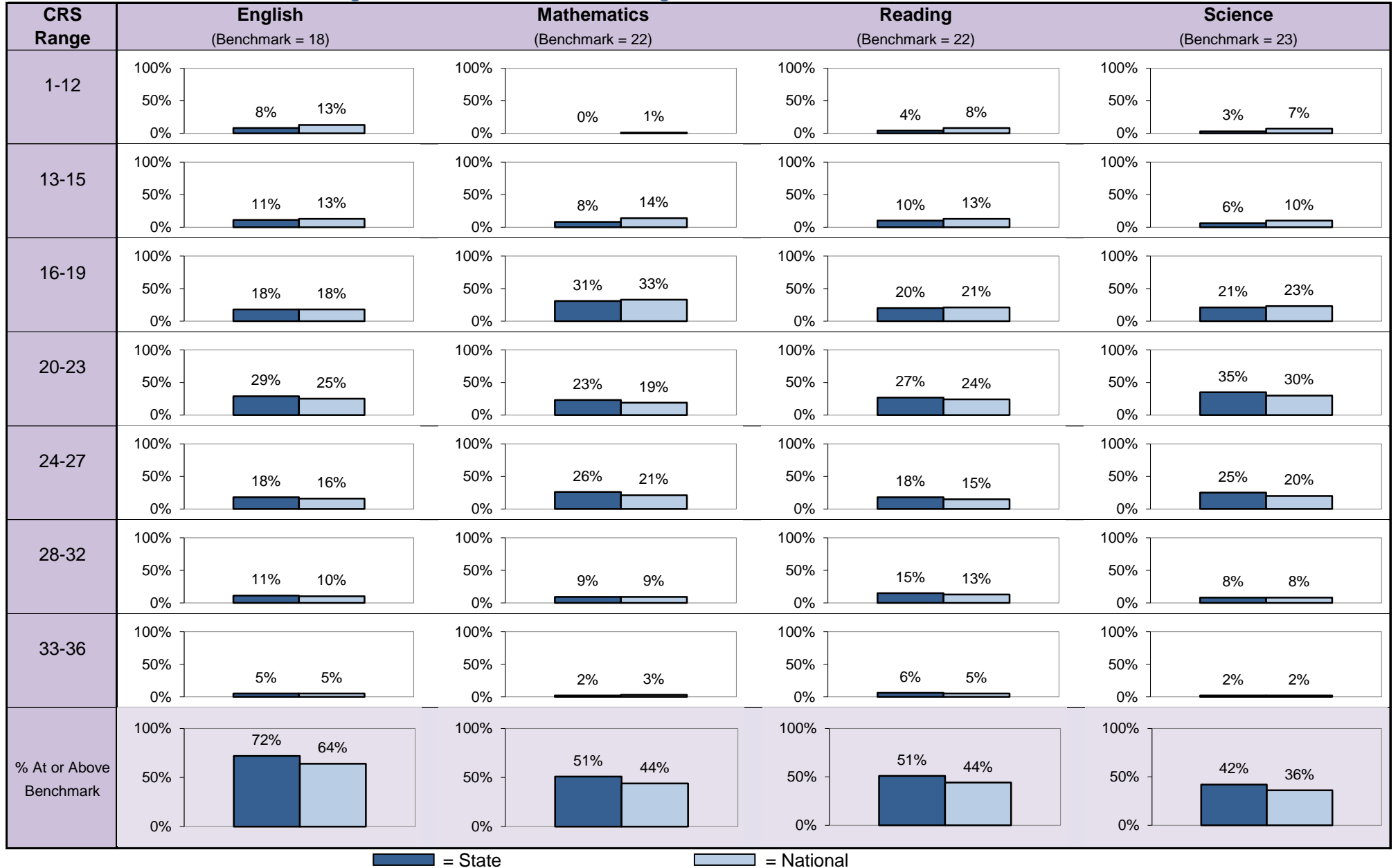
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2009			2010			2011			2012			2013		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	23,147	100	21.9	23,342	100	22.0	23,628	100	22.0	23,907	100	21.9	24,268	100	21.8
Black/African American	1,272	5	17.8	1,280	5	17.7	1,314	6	17.7	1,278	5	17.6	1,340	6	17.5
American Indian/Alaska Native	296	1	20.0	263	1	20.3	218	1	20.2	159	1	20.3	174	1	19.8
White	18,085	78	22.5	18,299	78	22.6	17,900	76	22.6	17,635	74	22.6	17,522	72	22.6
Hispanic/Latino	1,406	6	19.4	1,527	7	19.2	2,076	9	19.4	2,367	10	19.5	2,686	11	19.3
Asian	601	3	22.3	628	3	22.6	669	3	22.5	671	3	22.0	621	3	22.1
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	17	0	18.7	19	0	20.5	22	0	20.5
Two or more races	609	3	20.9	636	3	20.8	777	3	21.2	1,110	5	21.0	1,181	5	21.2
Prefer not to respond/No response	878	4	21.9	709	3	21.4	657	3	22.0	668	3	22.7	722	3	21.4

Total Students in Report: 24,268

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



Total Students in Report: 24,268

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	23,824	98	21.3	21.7	22.3	21.8	21.9
	Extended Time	444	2	16.7	18.3	19.3	18.8	18.4
	Total	24,268	100	21.2	21.7	22.3	21.7	21.8
National	Standard Time	1,727,041	96	20.4	21.0	21.3	20.9	21.0
	Extended Time	72,202	4	15.9	17.7	18.1	17.9	17.5
	Total	1,799,243	100	20.2	20.9	21.1	20.7	20.9

Table 1.8. Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	73	52	52	43	31
	Extended Time	40	21	34	23	13
	Total	72	51	51	42	30
National	Standard Time	65	45	45	37	27
	Extended Time	35	20	28	20	13
	Total	64	44	44	36	26

Section II

Academic Achievement

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

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

Total Students in Report: 24,268

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	91	100	52	100	244	100	94	100	13	100	36
35	308	100	113	100	139	99	145	100	67	100	35
34	353	98	218	99	475	98	149	99	159	100	34
33	450	97	202	98	564	96	119	98	239	99	33
32	352	95	249	98	577	94	249	98	348	98	32
31	441	94	250	97	852	92	306	97	392	97	31
30	528	92	373	96	665	88	439	96	562	95	30
29	518	90	506	94	782	86	482	94	692	93	29
28	720	87	851	92	821	82	574	92	828	90	28
27	706	85	1,201	88	830	79	833	89	1,000	86	27
26	1,030	82	1,617	83	911	75	1,018	86	1,251	82	26
25	1,222	77	1,676	77	958	72	1,847	82	1,412	77	25
24	1,453	72	1,878	70	1,741	68	2,267	74	1,678	71	24
23	1,525	66	1,750	62	1,346	61	1,718	65	1,789	64	23
22	1,626	60	1,460	55	1,572	55	2,245	58	1,920	57	22
21	1,847	53	1,259	49	1,951	49	2,492	49	2,065	49	21
20	1,973	46	1,065	44	1,629	41	1,930	38	1,816	41	20
19	1,209	38	1,414	39	1,400	34	1,718	30	1,623	33	19
18	1,101	33	1,537	34	1,466	28	1,566	23	1,599	26	18
17	982	28	2,261	27	945	22	863	17	1,301	20	17
16	1,188	24	2,237	18	1,067	18	881	13	1,080	14	16
15	1,239	19	1,383	9	1,032	14	612	10	874	10	15
14	858	14	493	3	695	9	504	7	677	6	14
13	636	10	155	1	660	7	413	5	475	4	13
12	480	8	43	1	484	4	326	3	287	2	12
11	522	6	15	1	231	2	274	2	93	1	11
10	438	4	8	1	139	1	115	1	20	1	10
9	229	2	1	1	47	1	54	1	5	1	9
8	150	1	1	1	19	1	23	1	1	1	8
7	67	1	0	1	14	1	6	1	2	1	7
6	19	1	0	1	8	1	3	1	0	1	6
5	3	1	0	1	1	1	1	1	0	1	5
4	3	1	0	1	1	1	1	1	0	1	4
3	1	1	0	1	1	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	1
Avg (SD)	21.2 (6.1)		21.7 (4.9)		22.3 (6.0)		21.7 (4.8)		21.8 (4.9)		Avg (SD)

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

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

Total Students in Report: 24,268

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	822	100	460	100	686	100	888	100	1,023	100	122	100	156	100	18
17	1,207	97	268	98	1,438	97	1,154	96	1,098	96	244	99	65	99	17
16	1,025	92	1,368	97	1,542	91	1,523	92	1,034	91	523	98	838	99	16
15	996	87	1,627	91	1,513	85	1,619	85	1,740	87	1,384	96	1,461	96	15
14	1,426	83	1,939	85	1,733	79	1,884	79	1,809	80	2,127	91	2,076	90	14
13	1,426	77	2,239	77	2,268	72	1,957	71	2,560	72	3,288	82	2,157	81	13
12	1,904	72	3,127	67	2,861	62	2,179	63	2,568	62	2,884	68	3,839	72	12
11	2,784	64	2,571	55	2,411	50	2,764	54	2,749	51	3,119	56	2,455	56	11
10	2,880	52	2,556	44	2,347	40	2,364	42	2,122	40	3,757	44	2,826	46	10
9	2,500	40	2,687	33	2,230	31	1,848	33	1,735	31	2,470	28	3,408	35	9
8	1,871	30	1,997	22	1,851	22	2,075	25	2,283	24	2,148	18	2,272	21	8
7	1,770	22	1,231	14	1,741	14	1,474	17	2,089	15	989	9	1,343	11	7
6	1,288	15	819	9	825	7	1,141	10	874	6	612	5	710	6	6
5	1,194	10	731	6	498	3	865	6	381	2	300	2	229	3	5
4	648	5	430	3	186	1	359	2	144	1	144	1	266	2	4
3	379	2	185	1	77	1	127	1	43	1	121	1	52	1	3
2	137	1	30	1	43	1	45	1	13	1	6	1	73	1	2
1	11	1	3	1	18	1	2	1	3	1	30	1	42	1	1
Avg (SD)	10.5 (3.8)		11.0 (3.2)		11.4 (3.4)		11.2 (3.6)		11.4 (3.4)		11.0 (2.7)		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	26	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 24,268

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	24,268	80	22.6	19.1
	Black/African American	1,340	69	18.4	15.6
	American Indian/Alaska Native	174	72	20.8	17.5
	White	17,522	82	23.2	20.1
	Hispanic/Latino	2,686	76	20.1	16.7
	Asian	621	83	22.8	19.1
	Native Hawaiian/Other Pac. Isl.	22	86	21.3	15.3
	Two or more races	1,181	79	21.9	18.8
	Prefer not/No Response	722	67	23.0	19.0
National	All Students	1,799,243	74	21.7	18.7
	Black/African American	239,598	69	17.5	15.6
	American Indian/Alaska Native	14,217	62	19.1	16.5
	White	1,034,712	76	22.9	20.0
	Hispanic/Latino	259,741	72	19.5	17.2
	Asian	71,677	81	24.1	21.5
	Native Hawaiian/Other Pac. Isl.	4,772	71	20.5	17.5
	Two or more races	64,221	74	21.9	19.2
	Prefer not/No Response	110,305	58	22.4	18.4

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	21.2	21.7	22.3	21.7	21.8
	Black/African American	16.3	17.9	17.6	17.8	17.5
	American Indian/Alaska Native	18.6	19.6	20.1	20.5	19.8
	White	22.2	22.3	23.1	22.5	22.6
	Hispanic/Latino	18.1	19.5	19.6	19.4	19.3
	Asian	20.9	23.5	21.6	22.0	22.1
	Native Hawaiian/Other Pac. Isl.	19.0	20.4	20.9	20.8	20.5
	Two or more races	20.5	20.9	21.8	21.1	21.2
	Prefer not/No Response	20.6	21.3	22.1	21.3	21.4
National	All Students	20.2	20.9	21.1	20.7	20.9
	Black/African American	15.7	17.2	17.0	16.9	16.9
	American Indian/Alaska Native	16.6	18.2	18.3	18.3	18.0
	White	21.8	21.9	22.6	22.0	22.2
	Hispanic/Latino	17.7	19.3	18.9	18.8	18.8
	Asian	22.5	25.0	22.9	23.1	23.5
	Native Hawaiian/Other Pac. Isl.	18.6	20.1	19.5	19.5	19.5
	Two or more races	20.6	20.9	21.6	20.9	21.1
	Prefer not/No Response	20.0	20.8	21.0	20.5	20.7

Total Students in Report: 24,268

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	1,202	5	585	2	1,422	6	507	2
	28 to 32	2,559	11	2,229	9	3,697	15	2,050	8
	24 to 27	4,411	18	6,372	26	4,440	18	5,965	25
	20 to 23	6,971	29	5,534	23	6,498	27	8,385	35
	16 to 19	4,480	18	7,449	31	4,878	20	5,028	21
	13 to 15	2,733	11	2,031	8	2,387	10	1,529	6
	01 to 12	1,912	8	68	0	946	4	804	3
National	33 to 36	81,846	5	51,648	3	89,731	5	36,033	2
	28 to 32	175,672	10	156,561	9	239,643	13	138,865	8
	24 to 27	291,095	16	385,102	21	277,723	15	364,600	20
	20 to 23	447,398	25	343,822	19	424,936	24	542,531	30
	16 to 19	327,718	18	590,816	33	384,706	21	413,107	23
	13 to 15	242,064	13	258,384	14	240,069	13	183,840	10
	01 to 12	233,450	13	12,910	1	142,435	8	120,267	7

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	11,426	47	21.0	22.2	22.2	22.4	22.1
	Females	12,807	53	21.4	21.2	22.3	21.2	21.7
	Missing	35	0	12.2	16.1	14.6	14.7	14.4
National	Males	835,431	46	19.8	21.4	20.9	21.2	20.9
	Females	954,919	53	20.6	20.5	21.4	20.4	20.9
	Missing	8,893	0	16.1	18.2	17.6	17.7	17.5

Table 2.8. Percent of Students Who Met College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	71	56	51	48	34
	Females	73	47	52	37	27
National	Males	62	47	43	40	29
	Females	67	41	45	33	24

Total Students in Report: 24,268

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	19,467	77	22.0	57	22.4	56	22.9	47	22.4	34	22.6
	Less than Core	4,455	51	18.0	26	18.9	33	19.6	23	19.3	14	19.1
	Missing ³	346	38	15.8	16	17.7	28	18.5	18	18.1	9	17.7
National	Core or More	1,322,739	71	21.2	50	21.7	50	22.0	42	21.5	31	21.7
	Less than Core	396,592	48	17.8	27	18.9	30	19.0	22	18.8	14	18.7
	Missing	79,912	36	16.0	19	17.8	24	17.5	17	17.7	10	17.4

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

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

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

⁴ Composite CRB% results reflect students who met all four subject-area benchmarks.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	23,325	73	21.4	22,761	54	22.0	22,709	53	22.4	21,170	46	22.2
	Less than Core	638	49	17.2	1,186	7	16.4	1,248	37	19.9	2,775	19	18.7
	Missing ³	305	38	16.0	321	16	17.8	311	30	18.6	323	18	18.2
National	Core or More	1,646,286	67	20.6	1,648,697	46	21.3	1,554,990	46	21.5	1,506,965	40	21.3
	Less than Core	84,048	36	15.9	77,906	7	16.3	171,617	32	19.1	218,267	17	18.0
	Missing	68,909	38	16.4	72,640	20	17.9	72,636	25	17.7	74,011	18	17.8

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

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

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

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

Section III

College Readiness and the Impact of Course Rigor

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

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

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

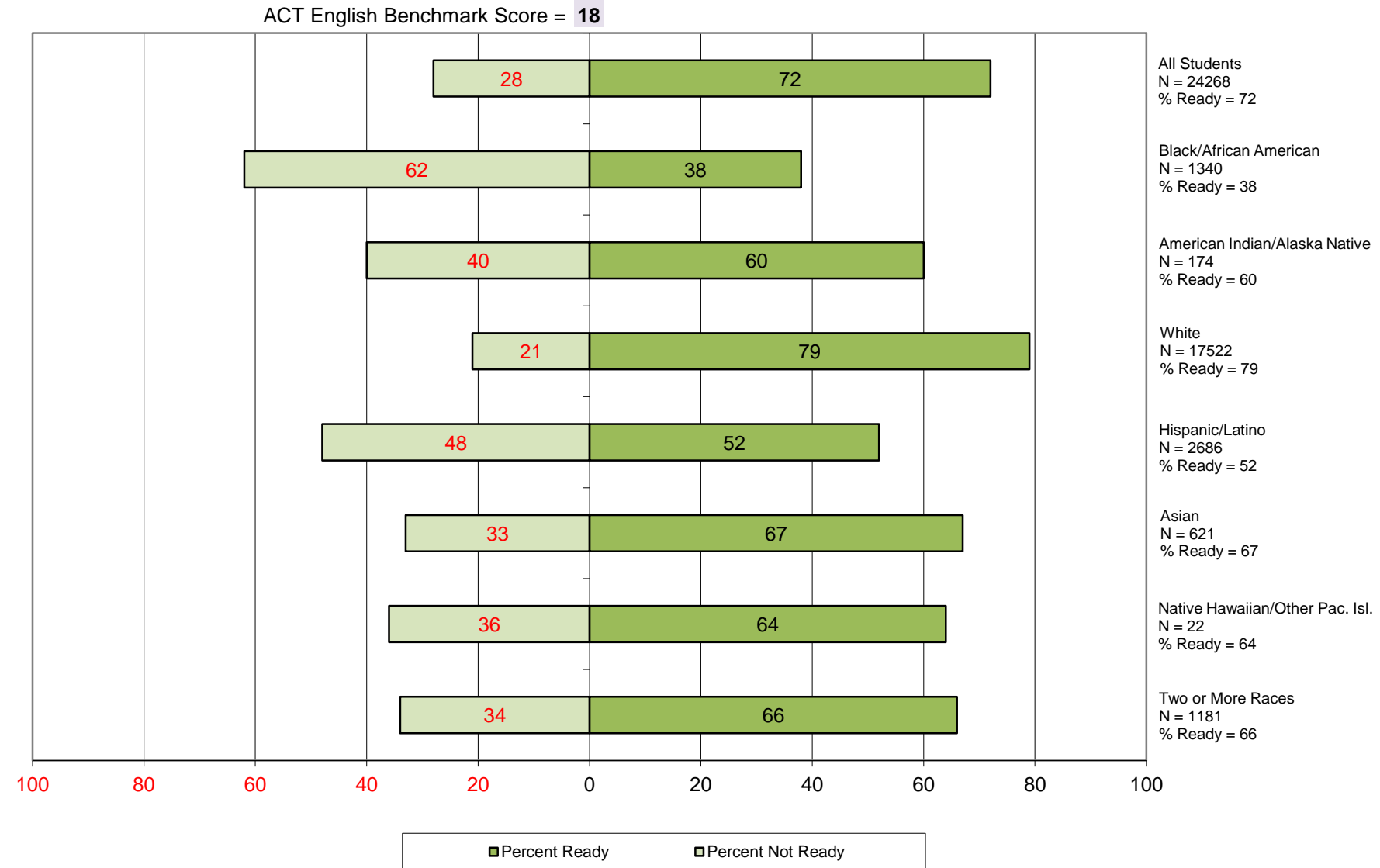


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

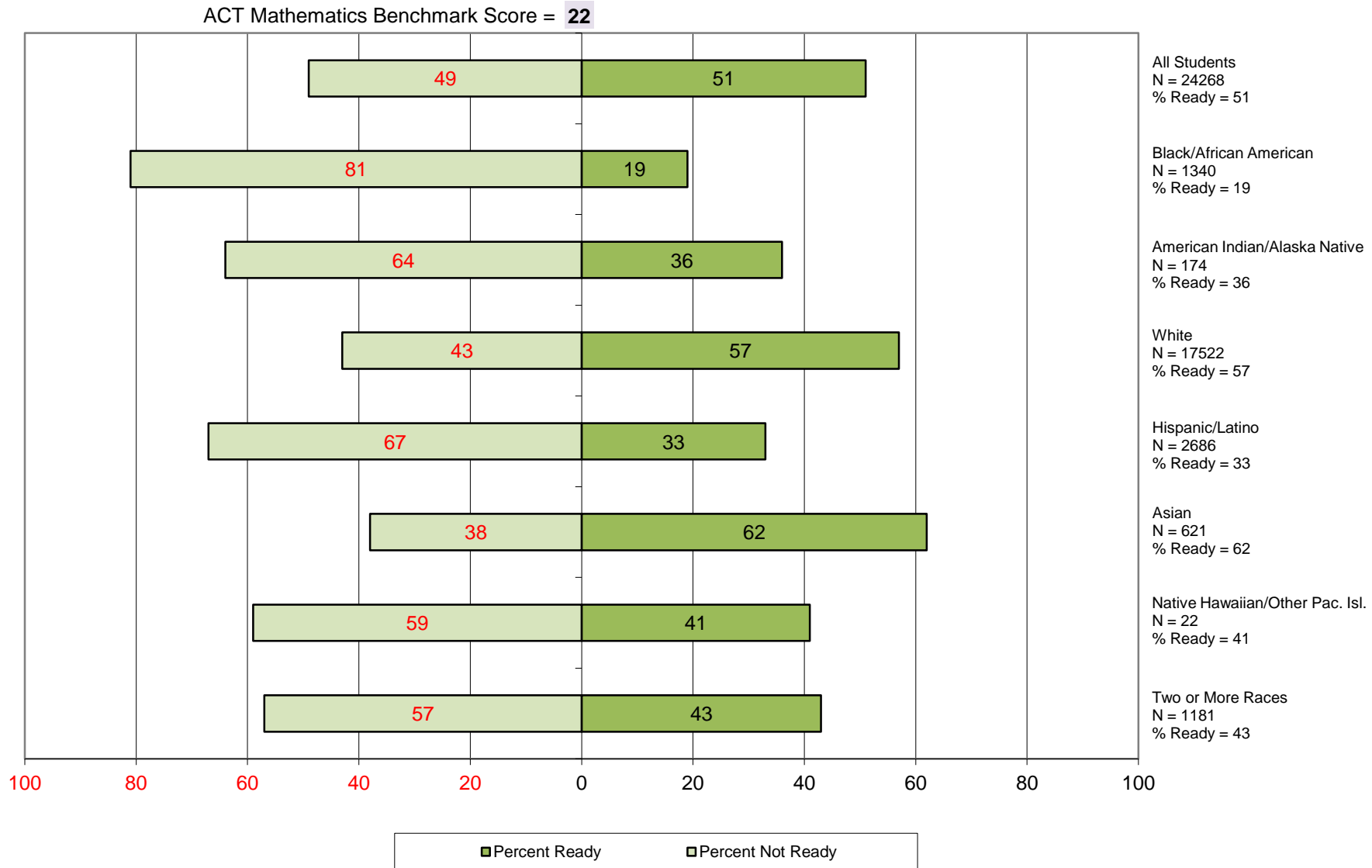


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

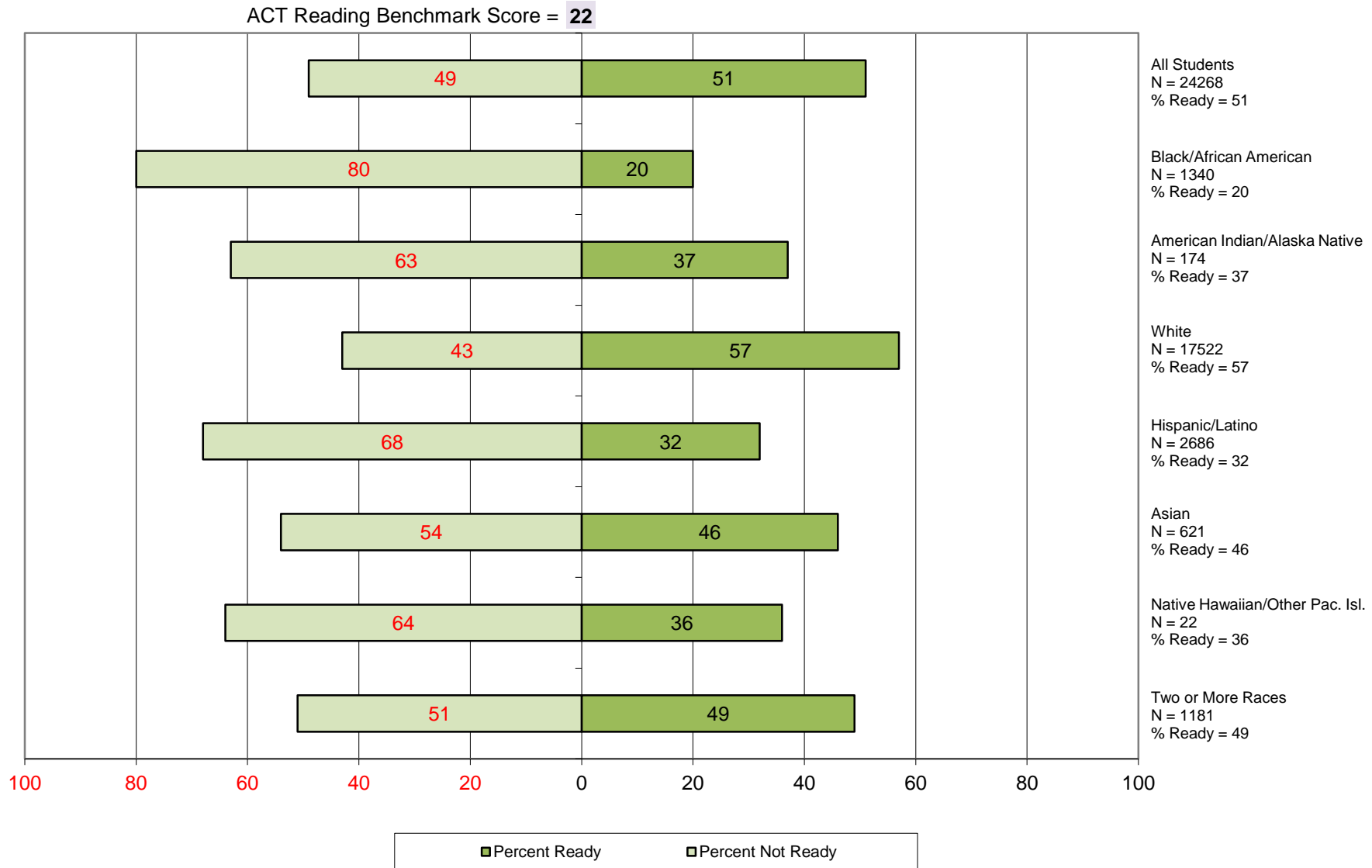


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

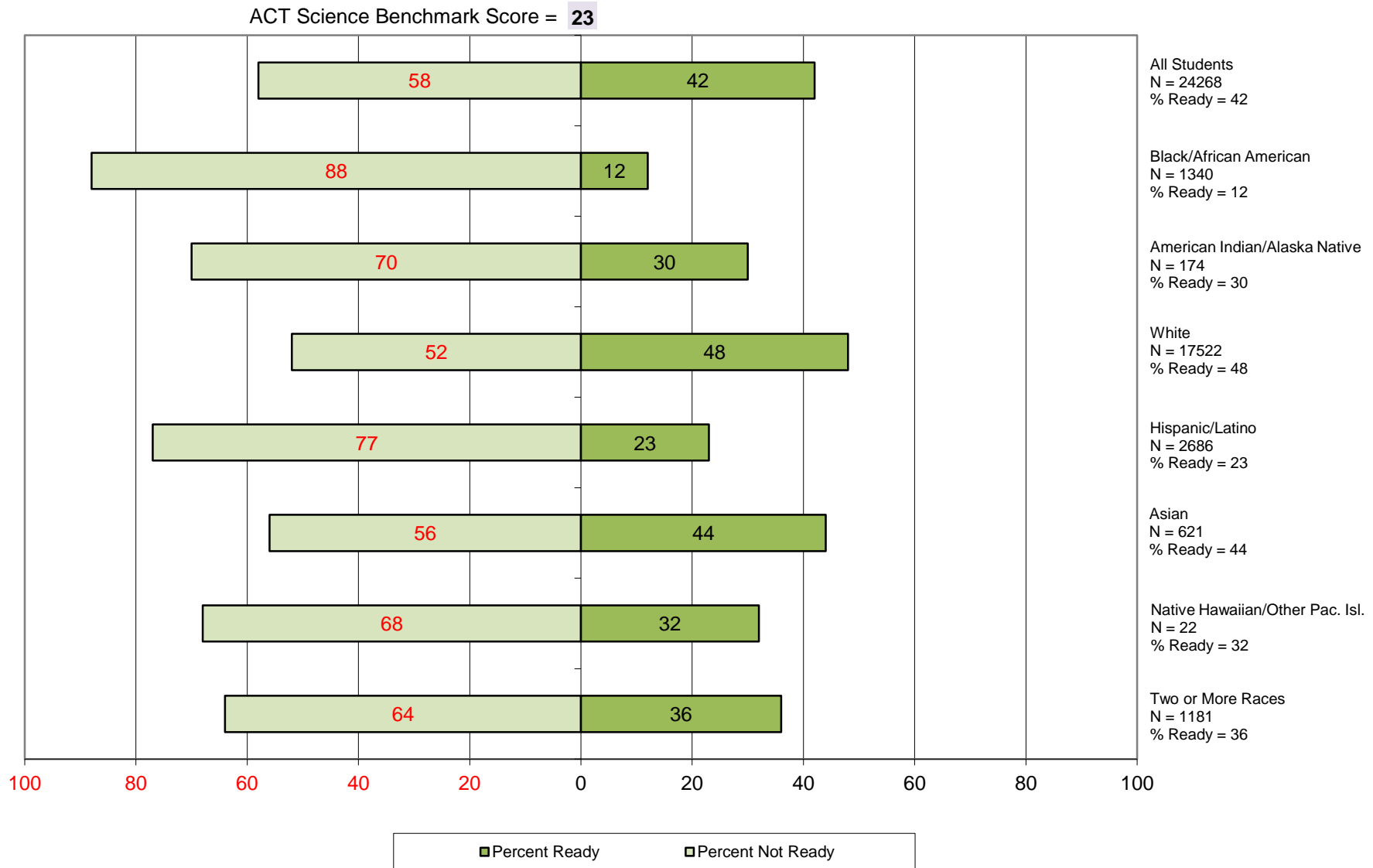
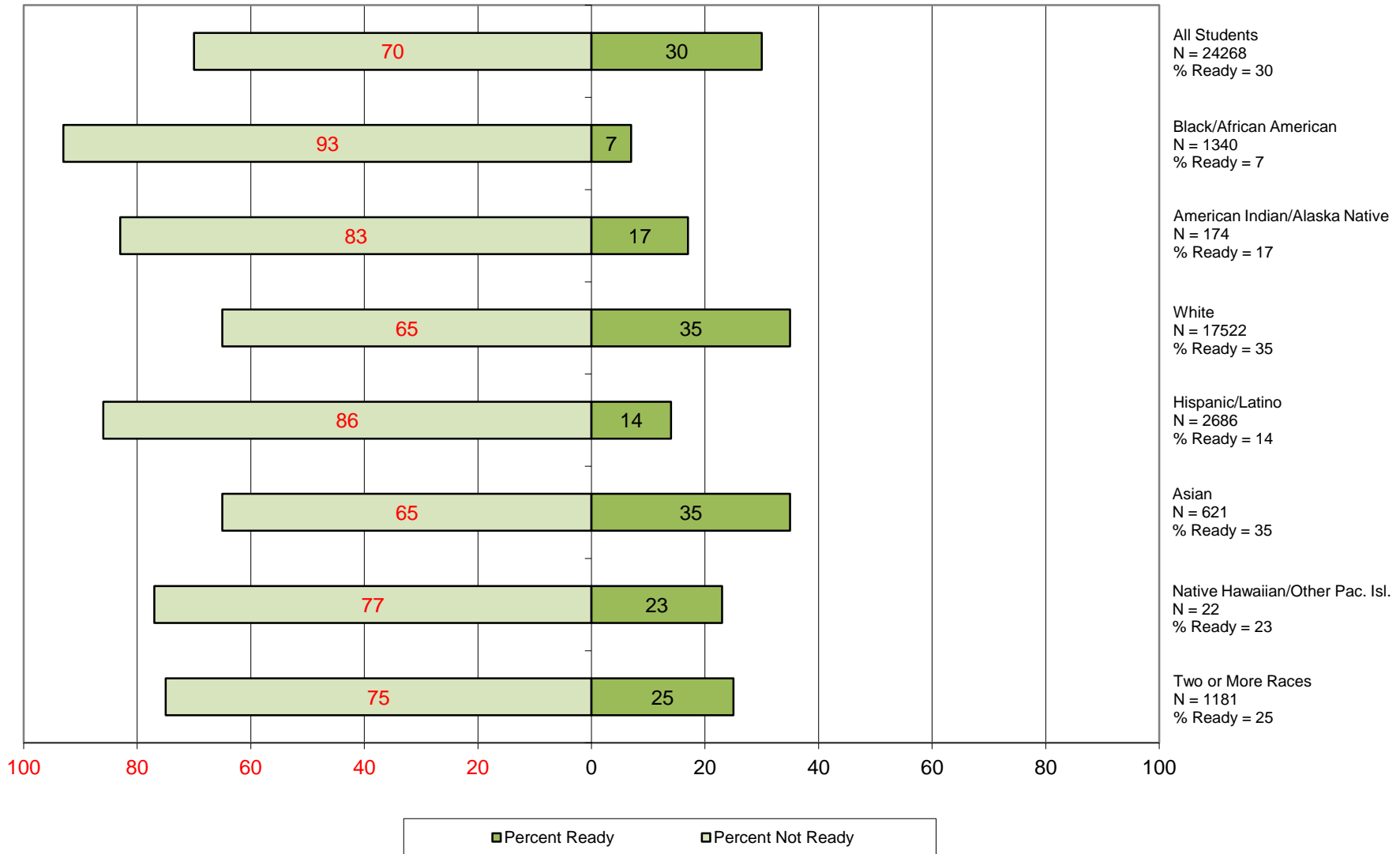


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 24,268

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	6,761	28	21.8	4.6	2,876	25	21.5	4.7	3,883	30	22.0	4.3
Eng 9, Eng 10, Eng 11, Eng 12	16,564	68	21.2	4.0	8,068	71	21.0	4.2	8,483	66	21.4	3.7
Less than 4 years of English	638	3	17.2	-	315	3	16.8	-	321	3	17.7	-
Zero years / no English courses reported	305	1	16.0	-	167	1	16.3	-	120	1	16.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	1,341	6	24.7	8.3	620	5	25.5	8.8	721	6	24.1	8.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,376	10	22.8	6.4	943	8	23.4	6.7	1,433	11	22.4	6.3
Alg 1, Alg 2, Geom, & Trig	1,237	5	20.5	4.1	573	5	20.9	4.2	662	5	20.1	4.0
Alg 1, Alg 2, Geom, & Other Adv Math	4,272	18	20.6	4.2	1,699	15	21.0	4.3	2,568	20	20.3	4.2
Other comb of 4 or more years of Math	9,023	37	24.1	7.7	4,653	41	24.7	8.0	4,365	34	23.5	7.4
Alg 1, Alg 2, & Geom	3,541	15	17.9	1.5	1,647	14	18.3	1.6	1,891	15	17.6	1.5
Other comb of 3 or 3.5 years of Math	971	4	19.8	3.4	512	4	20.2	3.5	457	4	19.5	3.4
Less than 3 years of Math	1,186	5	16.4	-	607	5	16.7	-	579	5	16.1	-
Zero years / no Math courses reported	321	1	17.8	-	172	2	18.2	-	131	1	17.6	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,095	5	23.0	3.1	589	5	23.0	3.7	506	4	23.1	2.6
Other comb of 4 or more years Social Science	11,609	48	22.8	2.9	5,473	48	22.8	3.5	6,131	48	22.7	2.2
US Hist, World Hist, & Am Gov	2,919	12	20.9	1.0	1,446	13	21.0	1.7	1,471	11	20.9	0.4
Other comb of 3 or 3.5 years of Social Science	7,086	29	22.4	2.5	3,097	27	22.4	3.1	3,981	31	22.5	2.0
Less than 3 years of Social Science	1,248	5	19.9	-	651	6	19.3	-	596	5	20.5	-
Zero years / no Social Science courses reported	311	1	18.6	-	170	1	18.8	-	122	1	18.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	11,156	46	22.9	4.2	5,539	48	23.7	4.8	5,608	44	22.2	3.6
Bio, Chem, Phys	2,377	10	24.1	5.4	1,144	10	24.8	5.9	1,232	10	23.5	4.9
Gen Sci ² , Bio, Chem	7,072	29	20.5	1.8	2,905	25	20.8	1.9	4,163	33	20.3	1.7
Other comb of 3 years of Natural Science	565	2	20.3	1.6	337	3	21.0	2.1	226	2	19.2	0.6
Less than 3 years of Natural Science	2,775	11	18.7	-	1,325	12	18.9	-	1,449	11	18.6	-
Zero years / no Natural Science courses reported	323	1	18.2	-	176	2	19.1	-	129	1	17.7	-

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: 24,268

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	6,761	28	21.8	76	380,375	21	21.6	73
Eng 9, Eng 10, Eng 11, Eng 12	16,564	68	21.2	72	1,265,911	70	20.3	65
Less than 4 years of English	638	3	17.2	49	84,048	5	15.9	36
Zero years / no English courses reported	305	1	16.0	38	68,909	4	16.4	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	1,341	6	24.7	78	113,999	6	23.8	68
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,376	10	22.8	66	155,095	9	21.9	56
Alg 1, Alg 2, Geom, & Trig	1,237	5	20.5	41	119,993	7	19.4	32
Alg 1, Alg 2, Geom, & Other Adv Math	4,272	18	20.6	42	336,291	19	19.6	32
Other comb of 4 or more years of Math	9,023	37	24.1	72	610,720	34	23.6	65
Alg 1, Alg 2, & Geom	3,541	15	17.9	15	223,733	12	17.2	11
Other comb of 3 or 3.5 years of Math	971	4	19.8	33	88,866	5	19.7	34
Less than 3 years of Math	1,186	5	16.4	7	77,906	4	16.3	7
Zero years / no Math courses reported	321	1	17.8	16	72,640	4	17.9	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,095	5	23.0	55	50,989	3	22.2	51
Other comb of 4 or more years Social Science	11,609	48	22.8	55	908,394	50	22.0	50
US Hist, World Hist, & Am Gov	2,919	12	20.9	42	106,021	6	19.5	34
Other comb of 3 or 3.5 years of Social Science	7,086	29	22.4	52	489,586	27	21.0	43
Less than 3 years of Social Science	1,248	5	19.9	37	171,617	10	19.1	32
Zero years / no Social Science courses reported	311	1	18.6	30	72,636	4	17.7	25
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	11,156	46	22.9	53	767,293	43	21.9	46
Bio, Chem, Phys	2,377	10	24.1	62	183,685	10	23.0	54
Gen Sci ¹ , Bio, Chem	7,072	29	20.5	30	504,165	28	19.9	28
Other comb of 3 years of Natural Science	565	2	20.3	32	51,822	3	19.1	25
Less than 3 years of Natural Science	2,775	11	18.7	19	218,267	12	18.0	17
Zero years / no Natural Science courses reported	323	1	18.2	18	74,011	4	17.8	18

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

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

Total Students in Report: 24,268

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	631	3	20.8	81	6	17.9	529	2	21.2
Architecture	389	2	21.6	10	1	17.0	361	2	21.8
Area, Ethnic, & Multidisciplinary Studies	32	0	24.0	3	0	14.3	29	0	25.0
Arts: Visual & Performing	1,624	7	21.1	118	8	17.2	1,414	7	21.5
Business	2,100	9	21.6	122	9	17.7	1,883	9	21.9
Communications	418	2	22.2	2	0	18.0	404	2	22.2
Community, Family, & Personal Services	581	2	19.0	93	6	16.8	447	2	19.6
Computer Science & Mathematics	523	2	23.6	42	3	19.0	459	2	24.1
Education	1,621	7	21.2	44	3	16.1	1,511	7	21.4
Engineering	1,712	7	24.6	50	3	17.2	1,595	7	24.9
Engineering Technology & Drafting	328	1	20.8	45	3	16.7	261	1	21.7
English & Foreign Languages	233	1	24.8	4	0	19.3	218	1	24.9
Health Administration & Assisting	780	3	19.2	70	5	17.1	672	3	19.5
Health Sciences & Technologies	4,889	20	21.8	214	15	17.7	4,497	21	22.0
Philosophy, Religion, & Theology	156	1	22.7	4	0	21.8	141	1	22.7
Repair, Production, & Construction	373	2	18.6	190	13	17.6	166	1	19.7
Sciences: Biological & Physical	1,305	5	23.7	19	1	18.7	1,239	6	23.9
Social Sciences & Law	1,719	7	22.0	54	4	17.1	1,589	7	22.3
Undecided	4,525	19	22.2	241	17	17.9	3,862	18	22.5
No Response	319	1	16.3	28	2	13.6	53	0	17.2

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: 24,268

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	379	17.5	23	14.0	3	15.3	265	18.4	52	15.3
2-yr College Degree	1,056	17.4	68	14.7	12	15.9	731	18.2	168	16.0
Bachelors Degree	13,180	21.1	635	17.1	94	19.2	9,859	21.8	1,465	18.9
Graduate Study	3,443	24.3	156	19.3	29	22.6	2,675	24.9	252	21.9
Prof. Level Degree	4,715	24.0	327	19.3	20	21.4	3,114	25.0	567	21.3
Other	346	18.7	37	14.9	7	18.3	218	20.0	38	15.9
No Response	1,149	20.5	94	15.3	9	21.4	660	22.4	144	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	379	17.5	7	17.3	1	18.0	16	15.4	12	18.7
2-yr College Degree	1,056	17.4	14	14.3	1	13.0	35	17.4	27	15.7
Bachelors Degree	13,180	21.1	250	20.1	14	20.1	580	20.3	283	20.8
Graduate Study	3,443	24.3	71	24.4	2	28.5	174	22.8	84	24.2
Prof. Level Degree	4,715	24.0	227	24.9	4	20.3	306	23.0	150	24.8
Other	346	18.7	13	17.4	0	.	20	18.7	13	18.2
No Response	1,149	20.5	39	20.5	0	.	50	19.9	153	19.3

Total Students in Report: 24,268

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	6,809	2,951	3,858	1	4	17	33	29	14	2
UNIVERSITY OF KANSAS	Kansas	6,453	2,631	3,822	1	4	15	32	29	16	2
WICHITA STATE UNIVERSITY	Kansas	3,453	1,158	2,295	1	6	21	34	25	12	1
PITTSBURG STATE UNIVERSITY	Kansas	1,934	615	1,319	1	6	24	38	22	8	0
EMPORIA STATE UNIVERSITY	Kansas	1,903	480	1,423	1	7	24	37	24	8	0
FORT HAYS STATE UNIVERSITY	Kansas	1,636	580	1,056	0	7	27	37	21	7	0
WASHBURN UNIVERSITY	Kansas	1,453	491	962	1	6	23	38	23	8	0
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	1,325	450	875	2	10	26	33	21	6	0
BUTLER COMMUNITY COLLEGE	Kansas	1,272	446	826	2	12	30	34	16	5	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	781	300	481	2	11	31	36	16	4	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	598	147	451	2	10	19	31	25	12	1
OKLAHOMA STATE UNIVERSITY	Oklahoma	567	105	462	1	3	12	32	32	18	3
BAKER UNIVERSITY	Kansas	565	148	417	1	7	26	32	25	8	1
NCAA ELIGIBILITY CENTER	Indiana	522	230	292	0	3	17	35	30	13	2
NEWMAN UNIVERSITY	Kansas	501	104	397	0	6	20	39	21	13	1
UNIVERSITY OF ARKANSAS	Arkansas	499	118	381	0	0	8	28	42	19	2
FRIENDS UNIVERSITY	Kansas	453	109	344	1	9	24	35	21	9	0
UNIV OF MISSOURI-COLUMBIA	Missouri	442	102	340	1	2	11	27	36	21	2
COWLEY COUNTY COMMUNITY COLL	Kansas	413	140	273	1	13	33	33	16	3	0
KANSAS CITY KANSAS COMM COLL	Kansas	398	125	273	13	24	33	17	10	2	1
UNIVERSITY OF OKLAHOMA	Oklahoma	345	65	280	0	1	12	32	31	19	4
BENEDICTINE COLLEGE	Kansas	317	95	222	0	2	14	35	25	23	2
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	313	75	238	1	1	11	31	30	24	3
BARTON COUNTY COMMUNITY COLLEGE	Kansas	304	99	205	1	12	33	34	17	3	0
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	271	82	189	1	12	36	31	18	3	0
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	264	93	171	1	13	31	38	15	3	0
MCPHERSON COLLEGE	Kansas	212	48	164	1	8	29	36	17	8	0
KANSAS WESLEYAN UNIVERSITY	Kansas	210	56	154	0	6	33	33	21	6	0
FORT SCOTT COMMUNITY COLLEGE	Kansas	207	60	147	2	17	32	30	16	3	0
HIGHLAND COMMUNITY COLLEGE	Kansas	202	65	137	1	15	29	30	19	5	0
All Other Institutions		15,102	4,121	10,981	2	8	18	26	23	19	4
Total		49,724	16,289	33,435	1	7	20	32	25	14	2

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: 24,268

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	3,472	942,769	24.9	21.3	7.2	7.0	23.3	20.5
Black/African American	173	114,751	19.8	16.3	6.5	6.1	19.0	16.0
American Indian/Alaska Native	20	6,031	20.3	16.8	6.5	6.1	19.3	16.4
White	2,420	518,407	25.7	22.9	7.3	7.2	24.0	21.9
Hispanic/Latino	329	151,504	21.2	18.6	6.8	6.8	20.3	18.3
Asian	180	54,580	26.0	23.5	7.6	7.6	24.6	22.7
Native Hawaiian/Other Pac. Isl.	6	2,812	21.0	19.5	7.0	6.9	20.3	19.2
Two or more races	204	35,355	24.2	21.5	6.9	7.0	22.5	20.6
Prefer not/No Response	140	59,329	25.5	21.8	7.1	7.1	23.6	20.9
Males	1,534	423,104	24.7	21.0	7.0	6.7	23.0	20.1
Females	1,938	513,945	25.0	21.6	7.3	7.2	23.5	20.9
Missing	0	5,720	.	16.6	.	6.3	.	16.5

