



# Profile Report - State

Graduating Class 2015

Kansas





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This report provides information about the performance of your 2015 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2015. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

**Performance** - student test performance in the context of college readiness

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

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

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

**Awareness** - extent to which student aspirations match performance

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

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

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

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

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

**The ACT:**

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

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

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

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

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

32% 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:** 23,708 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. 81% 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, 10% were college ready. 12% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 14% of these students were college ready. In comparison, 57% 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. 20% 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 41% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

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

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

# Section I

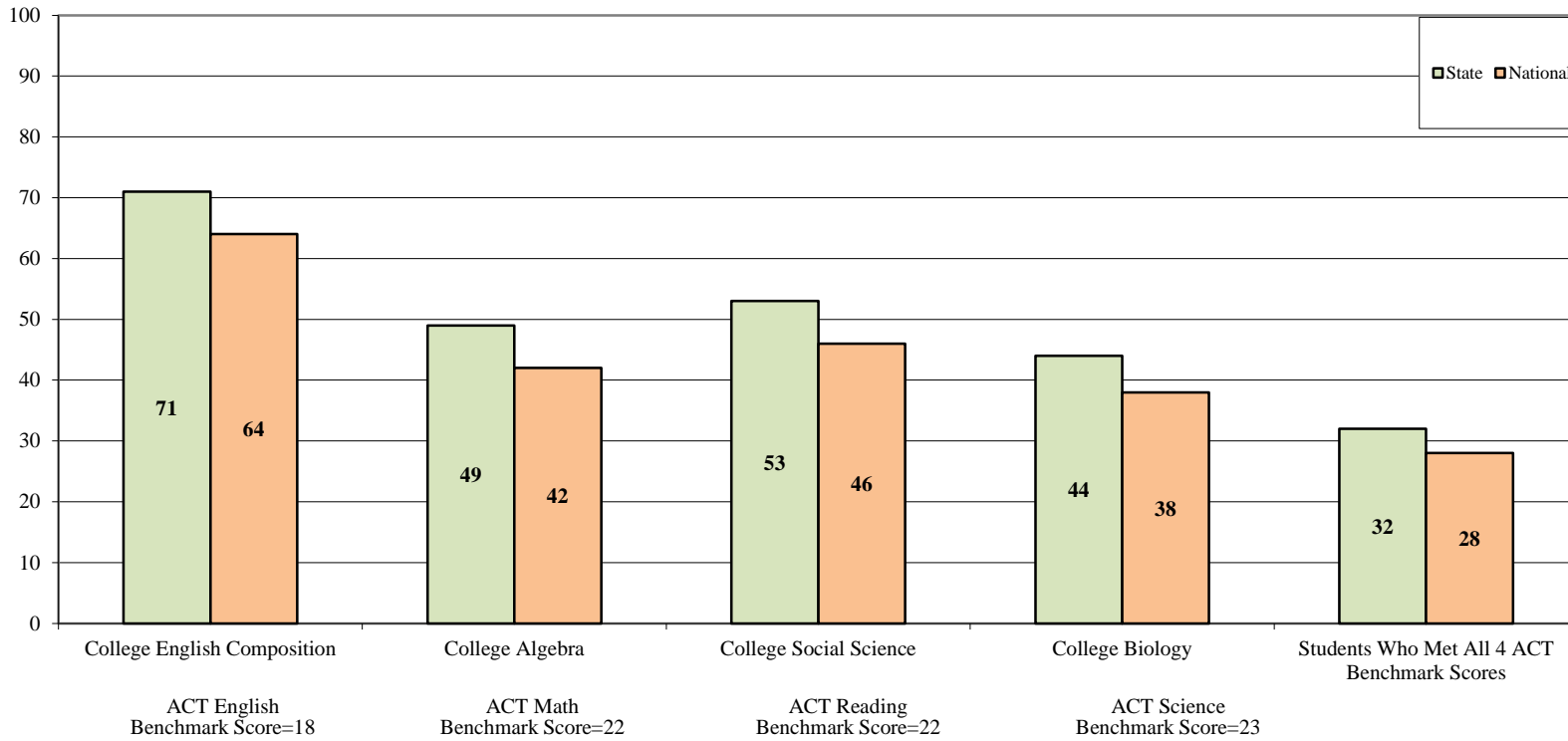
## Executive Summary

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

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

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

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



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



Total Students in Report: 23,708

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2011	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
<b>2015</b>	<b>23,708</b>	<b>1,924,436</b>	<b>71</b>	<b>64</b>	<b>49</b>	<b>42</b>	<b>53</b>	<b>46</b>	<b>44</b>	<b>38</b>	<b>32</b>	<b>28</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2011	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
<b>2015</b>	<b>23,708</b>	<b>1,924,436</b>	<b>21.3</b>	<b>20.4</b>	<b>21.6</b>	<b>20.8</b>	<b>22.4</b>	<b>21.4</b>	<b>21.8</b>	<b>20.9</b>	<b>21.9</b>	<b>21.0</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	1,799,243	20.2	20.9	21.1	20.7	20.9
2014	1,845,787	20.3	20.9	21.3	20.8	21.0
<b>2015</b>	<b>1,924,436</b>	<b>20.4</b>	<b>20.8</b>	<b>21.4</b>	<b>20.9</b>	<b>21.0</b>

Total Students in Report: 23,708

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

Year	Number of Students Tested		Percent <sup>2</sup>		Average ACT Scores									
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	English		Mathematics		Reading		Science		Composite	
					Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2011	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
<b>2015</b>	<b>19,187</b>	<b>4,094</b>	<b>81</b>	<b>17</b>	<b>22.1</b>	<b>18.2</b>	<b>22.2</b>	<b>19.0</b>	<b>23.1</b>	<b>19.8</b>	<b>22.4</b>	<b>19.4</b>	<b>22.6</b>	<b>19.2</b>

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

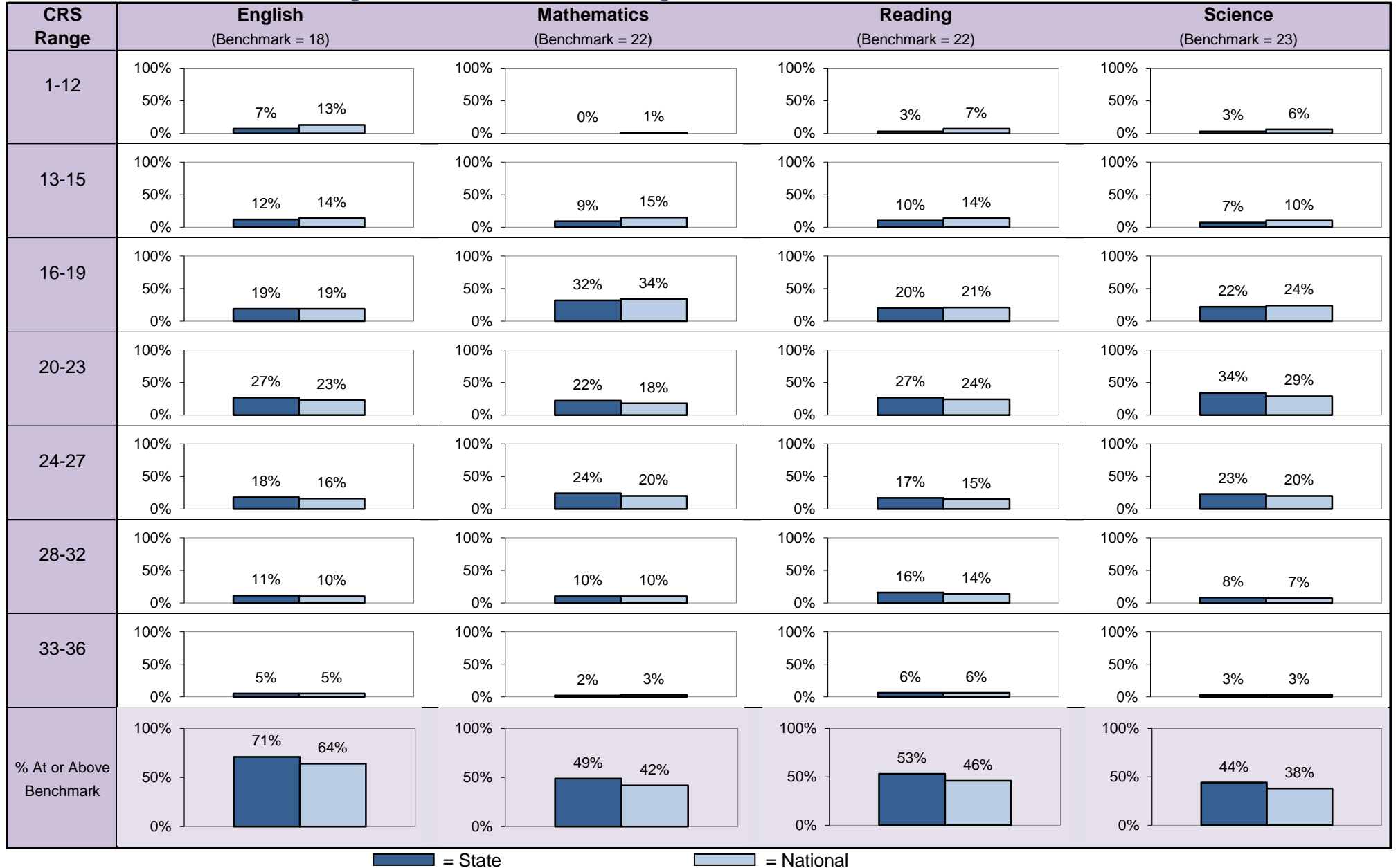
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>23,628</b>	<b>100</b>	<b>22.0</b>	<b>23,907</b>	<b>100</b>	<b>21.9</b>	<b>24,268</b>	<b>100</b>	<b>21.8</b>	<b>23,924</b>	<b>100</b>	<b>22.0</b>	<b>23,708</b>	<b>100</b>	<b>21.9</b>
Black/African American	1,314	6	17.7	1,278	5	17.6	1,340	6	17.5	1,234	5	17.7	1,249	5	17.6
American Indian/Alaska Native	218	1	20.2	159	1	20.3	174	1	19.8	143	1	20.3	168	1	19.3
White	17,900	76	22.6	17,635	74	22.6	17,522	72	22.6	17,011	71	22.8	16,408	69	22.8
Hispanic/Latino	2,076	9	19.4	2,367	10	19.5	2,686	11	19.3	2,770	12	19.2	2,965	13	19.2
Asian	669	3	22.5	671	3	22.0	621	3	22.1	777	3	22.4	782	3	22.3
Native Hawaiian/Other Pacific Islander	17	0	18.7	19	0	20.5	22	0	20.5	20	0	21.3	30	0	20.2
Two or more races	777	3	21.2	1,110	5	21.0	1,181	5	21.2	1,134	5	21.4	1,249	5	21.2
Prefer not to respond/No response	657	3	22.0	668	3	22.7	722	3	21.4	835	3	21.4	857	4	21.7

Total Students in Report: 23,708

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



Total Students in Report: 23,708

**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	23,289	98	21.4	21.6	22.5	21.9	22.0
	Extended Time	419	2	16.9	18.2	19.4	18.6	18.4
	Total	23,708	100	21.3	21.6	22.4	21.8	21.9
National	Standard Time	1,838,433	96	20.6	21.0	21.5	21.1	21.2
	Extended Time	86,003	4	16.5	18.1	18.8	18.3	18.1
	Total	1,924,436	100	20.4	20.8	21.4	20.9	21.0

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

Student Group	Test Session Duration	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Standard Time	72	50	54	44	32
	Extended Time	42	21	34	23	13
	Total	71	49	53	44	32
National	Standard Time	65	43	47	39	28
	Extended Time	38	22	32	23	16
	Total	64	42	46	38	28

# Section II

## Academic Achievement

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

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

Total Students in Report: 23,708

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

ACT Score	English		Mathematics		Reading		Science		Composite		ACT Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	79	100	70	100	155	100	123	100	25	100	36
35	334	100	103	100	190	99	185	99	85	100	35
34	485	98	198	99	465	99	240	99	151	100	34
33	383	96	152	98	653	97	230	98	274	99	33
32	402	95	222	98	658	94	316	97	392	98	32
31	500	93	243	97	779	91	204	95	418	96	31
30	434	91	450	96	801	88	363	95	577	94	30
29	520	89	551	94	729	84	387	93	639	92	29
28	706	87	1,016	92	806	81	589	91	868	89	28
27	692	84	1,190	87	838	78	736	89	956	86	27
26	972	81	1,569	82	938	74	1,202	86	1,200	82	26
25	1,368	77	1,293	76	980	70	1,672	81	1,418	76	25
24	1,251	71	1,636	70	1,364	66	1,907	74	1,585	70	24
23	1,614	66	1,574	63	1,602	61	2,160	66	1,632	64	23
22	1,415	59	1,353	57	1,657	54	1,813	56	1,796	57	22
21	1,679	53	1,074	51	1,642	47	2,229	49	2,020	49	21
20	1,664	46	1,279	46	1,534	40	1,858	39	1,614	41	20
19	1,203	39	1,620	41	1,374	33	1,725	32	1,614	34	19
18	1,140	34	1,537	34	1,297	28	1,439	24	1,539	27	18
17	1,008	29	2,197	28	1,067	22	1,011	18	1,357	21	17
16	1,181	25	2,239	18	940	18	1,047	14	1,152	15	16
15	1,481	20	1,341	9	1,099	14	712	10	929	10	15
14	865	13	554	3	691	9	495	7	673	6	14
13	561	10	162	1	624	6	439	4	493	3	13
12	499	7	57	1	487	3	311	3	214	1	12
11	477	5	20	1	171	1	139	1	64	1	11
10	405	3	5	1	98	1	96	1	13	1	10
9	219	2	1	1	25	1	51	1	8	1	9
8	101	1	1	1	29	1	17	1	1	1	8
7	39	1	0	1	4	1	8	1	1	1	7
6	20	1	0	1	4	1	2	1	0	1	6
5	7	1	0	1	2	1	1	1	0	1	5
4	4	1	1	1	3	1	0	1	0	1	4
3	0	1	0	1	1	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	1	1	0	1	1
Avg (SD)	21.3 (6.2)		21.6 (5.0)		22.4 (6.0)		21.8 (4.9)		21.9 (5.0)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

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

Total Students in Report: 23,708

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subscore Averages**

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	859	100	413	100	737	100	948	100	763	100	162	100	166	100	18
17	1,374	96	380	98	1,308	97	1,292	96	883	97	199	99	57	99	17
16	887	91	1,563	97	1,510	91	1,558	91	1,519	93	501	98	793	99	16
15	1,269	87	1,627	90	1,791	85	1,970	84	1,415	87	1,460	96	1,546	96	15
14	1,102	81	1,792	83	1,593	77	1,973	76	1,736	81	2,422	90	2,103	89	14
13	1,472	77	2,091	76	2,381	71	1,922	67	2,476	73	2,591	80	2,415	80	13
12	1,823	71	2,569	67	2,500	61	2,203	59	2,774	63	2,390	69	2,570	70	12
11	2,727	63	2,834	56	2,165	50	2,020	50	1,928	51	3,311	59	2,774	59	11
10	2,577	51	2,371	44	2,758	41	1,940	41	2,297	43	3,698	45	3,299	48	10
9	2,119	41	2,578	34	1,896	29	2,074	33	1,999	33	2,994	29	3,171	34	9
8	2,127	32	2,189	23	2,337	21	1,463	24	2,117	25	1,864	17	2,012	20	8
7	1,842	23	1,099	14	1,446	12	1,448	18	2,302	16	1,110	9	1,177	12	7
6	1,442	15	946	9	747	5	1,537	12	955	6	326	4	792	7	6
5	1,031	9	693	5	329	2	790	6	384	2	423	3	458	4	5
4	649	4	373	2	105	1	416	2	101	1	77	1	120	2	4
3	307	2	166	1	51	1	112	1	39	1	147	1	174	1	3
2	89	1	21	1	38	1	39	1	18	1	9	1	13	1	2
1	12	1	3	1	16	1	3	1	2	1	24	1	68	1	1
Avg (SD)	10.6 (3.8)		11.0 (3.3)		11.6 (3.4)		11.4 (3.7)		11.3 (3.4)		11.0 (2.7)		10.8 (2.9)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	25	25	27	25	25
Q2 (50th Percentile)	21	21	22	22	22
Q1 (25th Percentile)	17	17	18	19	18

Total Students in Report: 23,708

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>1</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	<b>All Students</b>	<b>23,708</b>	<b>81</b>	<b>22.6</b>	<b>19.2</b>
	Black/African American	1,249	68	18.4	15.8
	American Indian/Alaska Native	168	71	20.3	17.3
	White	16,408	84	23.3	20.3
	Hispanic/Latino	2,965	76	20.0	17.1
	Asian	782	82	23.1	19.1
	Native Hawaiian/Other Pac. Isl.	30	73	20.5	19.8
	Two or more races	1,249	78	22.0	18.8
	Prefer not/No Response	857	68	23.4	19.4
National	<b>All Students</b>	<b>1,924,436</b>	<b>72</b>	<b>21.9</b>	<b>18.9</b>
	Black/African American	252,566	67	17.8	15.9
	American Indian/Alaska Native	14,711	61	19.0	16.5
	White	1,057,803	76	23.2	20.2
	Hispanic/Latino	299,920	71	19.6	17.4
	Asian	87,499	79	24.5	22.0
	Native Hawaiian/Other Pac. Isl.	6,090	62	20.3	16.5
	Two or more races	76,066	73	22.0	19.3
	Prefer not/No Response	129,781	54	22.6	18.5

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

**Table 2.5. Average ACT Scores by Race/Ethnicity**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	<b>All Students</b>	21.3	21.6	22.4	21.8	21.9
	Black/African American	16.3	17.6	18.0	17.8	17.6
	American Indian/Alaska Native	18.1	19.0	20.2	19.4	19.3
	White	22.3	22.3	23.3	22.6	22.8
	Hispanic/Latino	18.0	19.3	19.7	19.5	19.2
	Asian	21.2	23.2	21.9	22.3	22.3
	Native Hawaiian/Other Pac. Isl.	19.8	19.7	20.7	20.1	20.2
	Two or more races	20.6	20.8	21.8	21.3	21.2
	Prefer not/No Response	21.2	21.3	22.4	21.3	21.7
National	<b>All Students</b>	20.4	20.8	21.4	20.9	21.0
	Black/African American	15.9	17.2	17.4	17.3	17.1
	American Indian/Alaska Native	16.6	18.1	18.4	18.2	17.9
	White	22.1	21.9	22.9	22.2	22.4
	Hispanic/Latino	17.8	19.1	19.2	19.0	18.9
	Asian	23.0	25.0	23.3	23.6	23.9
	Native Hawaiian/Other Pac. Isl.	17.7	19.2	18.9	18.8	18.8
	Two or more races	20.7	20.8	21.8	21.1	21.2
	Prefer not/No Response	19.9	20.5	21.1	20.5	20.6



Total Students in Report: 23,708

**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	1,281	5	523	2	1,463	6	778	3
	28 to 32	2,562	11	2,482	10	3,773	16	1,859	8
	24 to 27	4,283	18	5,688	24	4,120	17	5,517	23
	20 to 23	6,372	27	5,280	22	6,435	27	8,060	34
	16 to 19	4,532	19	7,593	32	4,678	20	5,222	22
	13 to 15	2,907	12	2,057	9	2,414	10	1,646	7
	01 to 12	1,771	7	85	0	825	3	626	3
National	33 to 36	100,774	5	54,201	3	114,663	6	62,731	3
	28 to 32	198,676	10	185,515	10	261,565	14	140,666	7
	24 to 27	303,299	16	384,130	20	281,364	15	388,063	20
	20 to 23	444,997	23	352,854	18	463,232	24	559,967	29
	16 to 19	357,690	19	646,399	34	409,189	21	462,353	24
	13 to 15	277,710	14	283,831	15	264,288	14	200,383	10
	01 to 12	241,290	13	17,506	1	130,135	7	110,273	6

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	11,028	47	21.1	22.3	22.5	22.5	22.2
	Females	12,616	53	21.5	21.0	22.4	21.2	21.6
	Missing	64	0	13.0	15.9	15.4	14.8	14.9
National	Males	895,775	47	20.0	21.3	21.2	21.3	21.1
	Females	1,013,212	53	20.8	20.4	21.6	20.6	21.0
	Missing	15,449	1	15.7	17.7	17.6	17.5	17.3

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

Student Group	Gender	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
State	Males	70	55	54	49	36
	Females	72	44	53	39	28
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 23,708

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

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	19,187	76	22.1	54	22.2	58	23.1	48	22.4	36	22.6
	Less than Core	4,094	50	18.2	27	19.0	35	19.8	24	19.4	15	19.2
	Missing <sup>3</sup>	427	31	15.3	16	17.3	21	17.5	16	17.3	8	17.0
National	Core or More	1,389,338	71	21.4	49	21.7	52	22.3	44	21.8	33	21.9
	Less than Core	424,562	48	18.0	27	18.9	32	19.3	24	19.0	16	18.9
	Missing	110,536	38	16.3	19	17.8	25	18.0	19	17.8	11	17.6

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

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

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

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

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

Student Group	Curriculum Taken <sup>1</sup>	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	22,659	72	21.5	22,381	51	21.9	22,129	55	22.6	20,751	47	22.2
	Less than Core	675	45	17.2	931	10	16.7	1,189	36	19.9	2,564	20	18.9
	Missing <sup>3</sup>	374	33	15.6	396	16	17.4	390	22	17.6	393	17	17.4
National	Core or More	1,732,463	67	20.8	1,743,121	45	21.2	1,627,689	49	21.8	1,592,830	42	21.5
	Less than Core	93,944	36	15.9	78,951	8	16.3	194,720	34	19.5	227,926	18	18.1
	Missing	98,029	40	16.5	102,364	20	17.8	102,027	26	18.1	103,680	20	18.0

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

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

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

<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

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

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

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

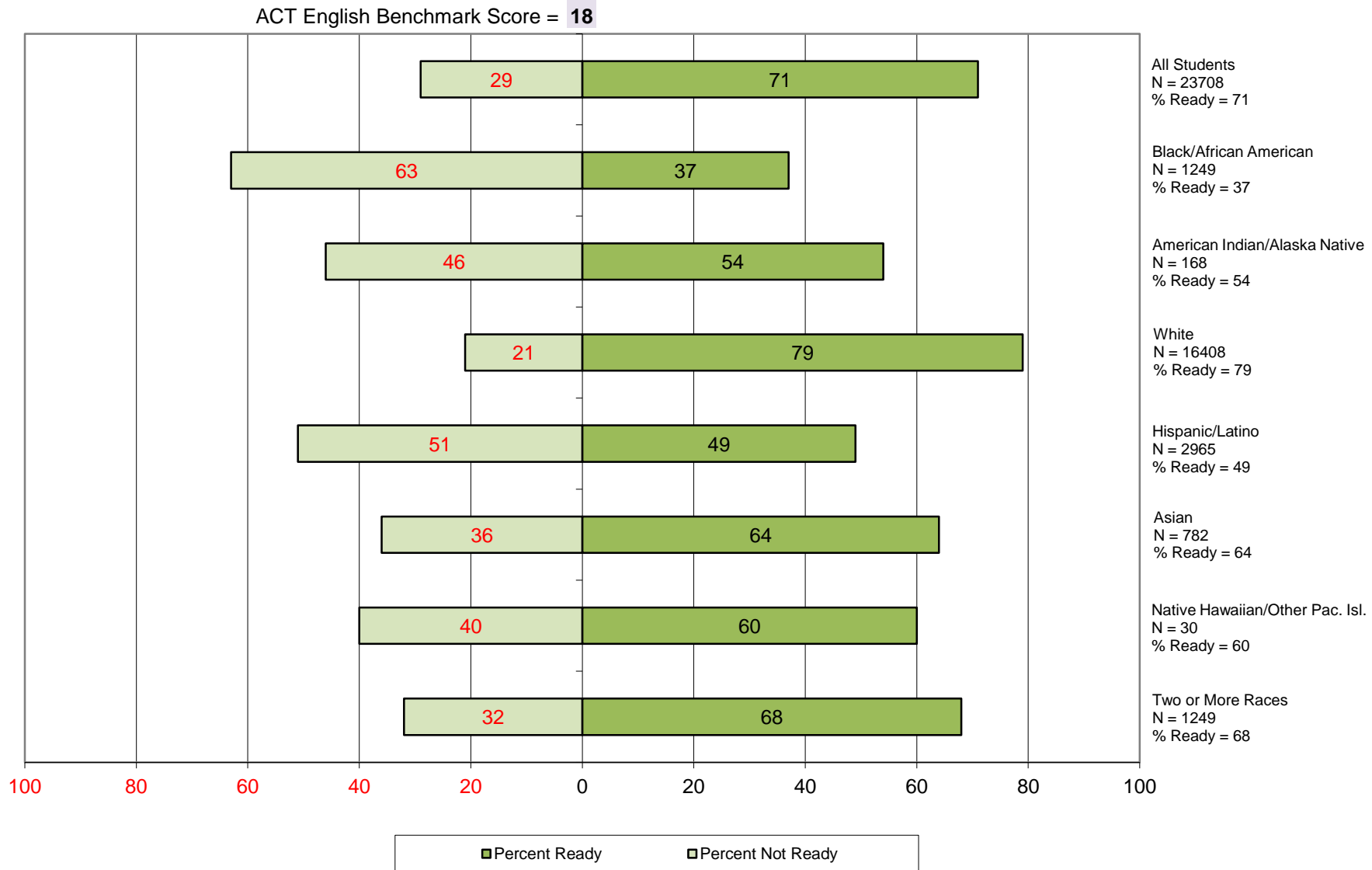


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

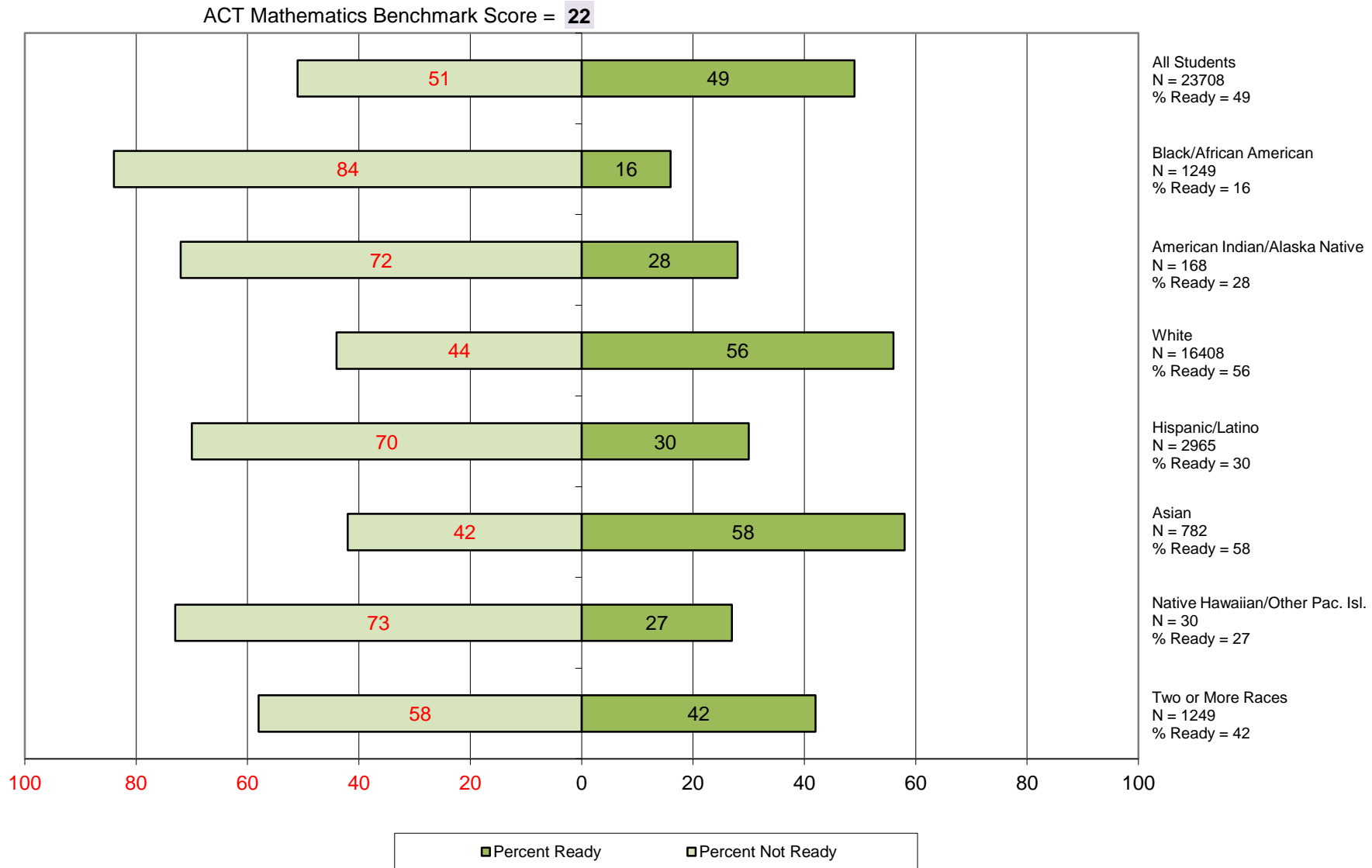


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

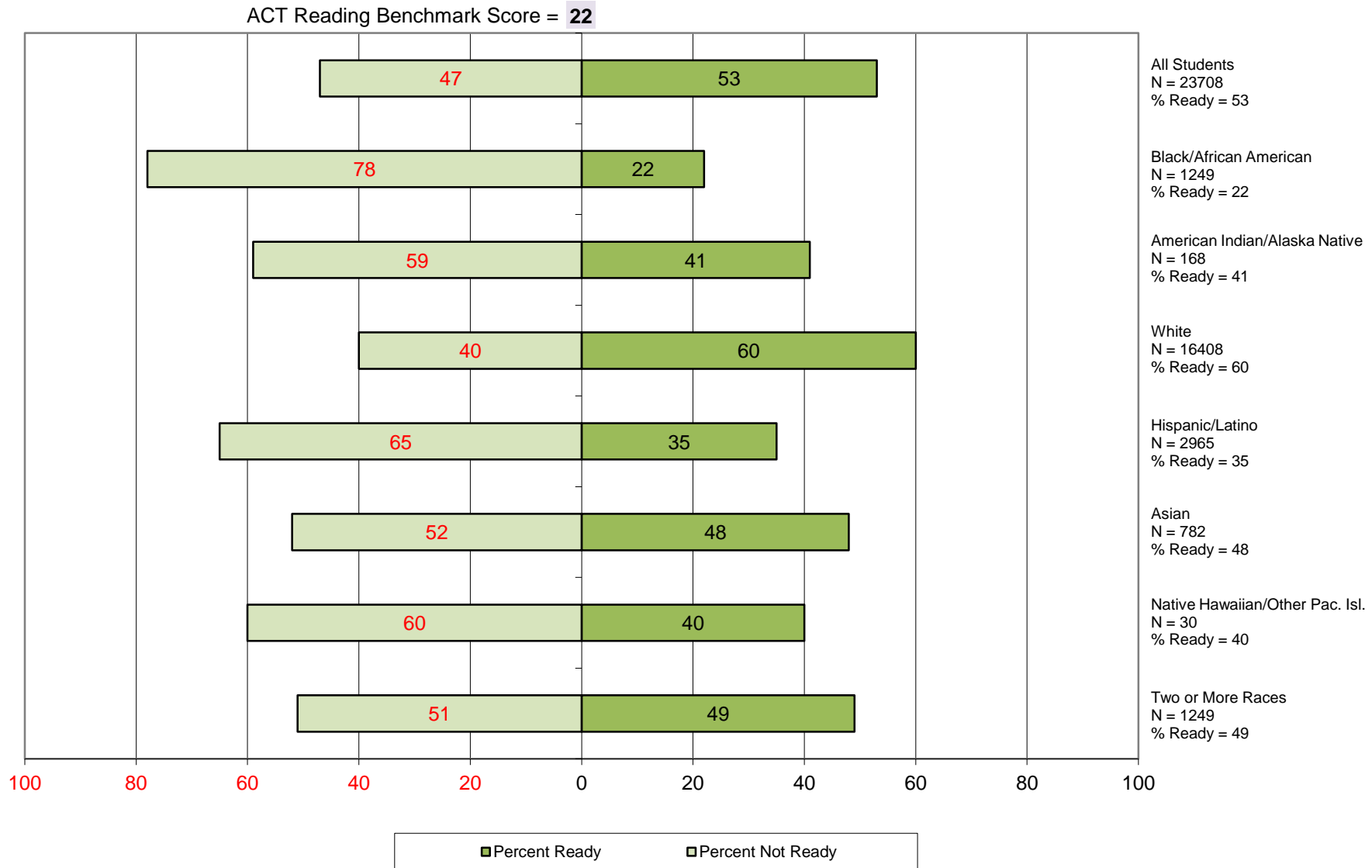


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

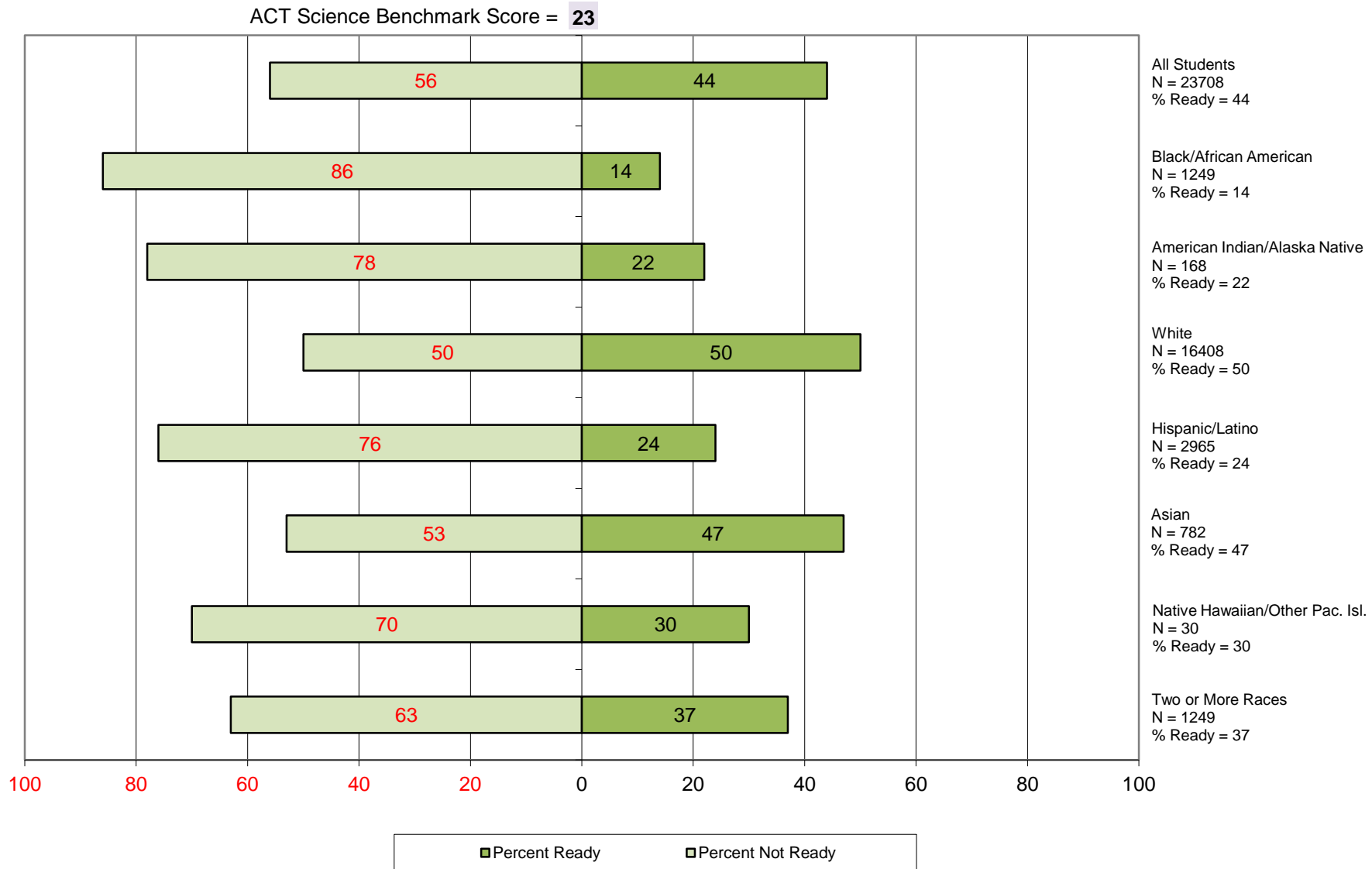
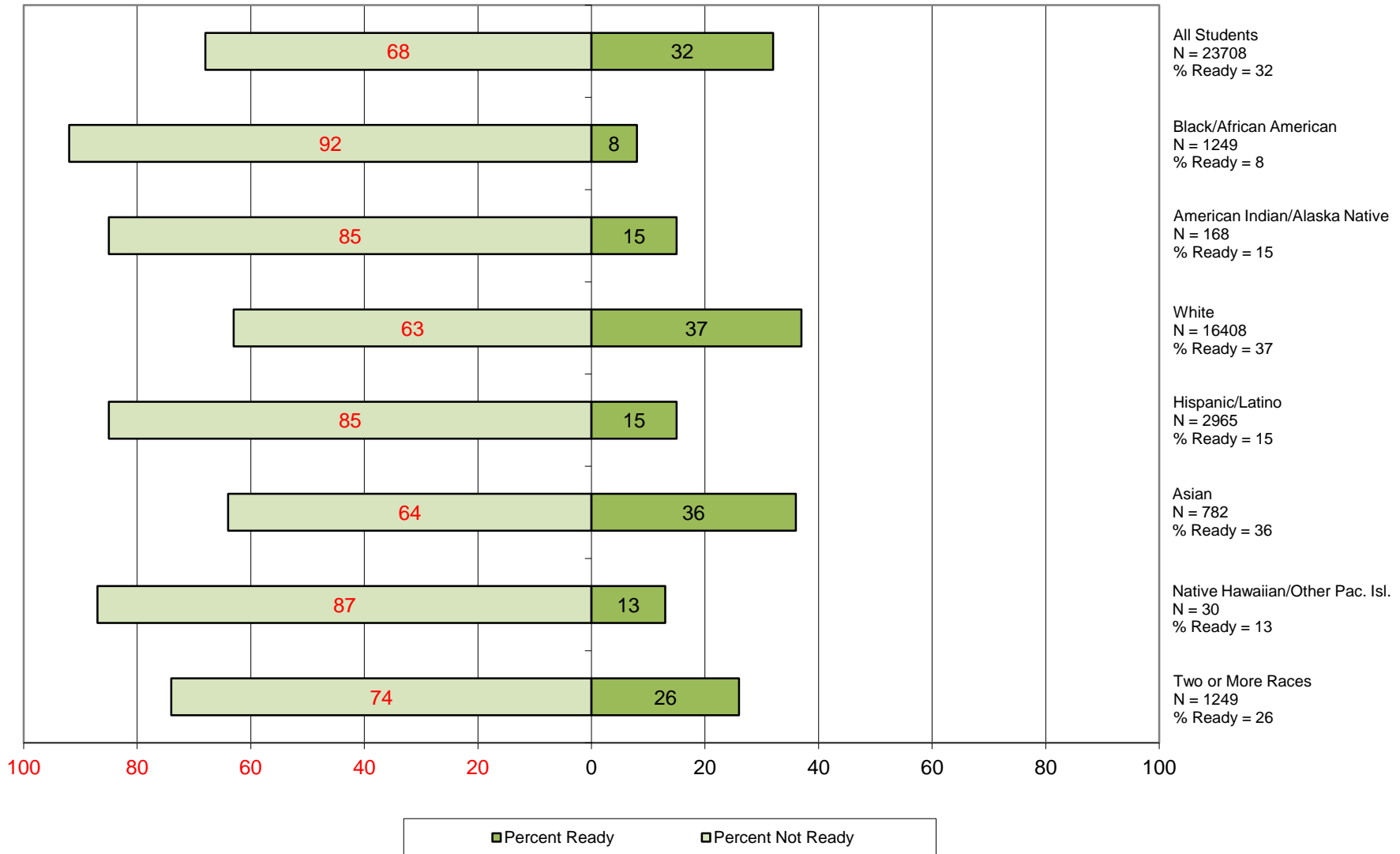


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 23,708

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

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
<b>ENGLISH COURSE PATTERN</b>												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,027	25	22.0	4.8	2,599	24	21.8	4.8	3,423	27	22.1	4.7
Eng 9, Eng 10, Eng 11, Eng 12	16,632	70	21.3	4.1	7,918	72	21.1	4.1	8,707	69	21.5	4.1
Less than 4 years of English	675	3	17.2	-	309	3	17.0	-	362	3	17.4	-
Zero years / no English courses reported	374	2	15.6	-	202	2	15.8	-	124	1	16.5	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	1,416	6	24.5	7.8	729	7	25.2	8.0	687	5	23.7	7.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,829	12	22.2	5.5	1,107	10	22.8	5.6	1,719	14	21.8	5.5
Alg 1, Alg 2, Geom, & Trig	1,215	5	19.9	3.2	607	6	20.4	3.2	607	5	19.3	3.0
Alg 1, Alg 2, Geom, & Other Adv Math	4,466	19	20.3	3.6	1,736	16	21.0	3.8	2,728	22	19.9	3.6
Other comb of 4 or more years of Math	8,674	37	24.0	7.3	4,381	40	24.7	7.5	4,289	34	23.2	6.9
Alg 1, Alg 2, & Geom	2,918	12	17.8	1.1	1,356	12	18.4	1.2	1,559	12	17.3	1.0
Other comb of 3 or 3.5 years of Math	863	4	19.7	3.0	443	4	20.0	2.8	419	3	19.5	3.2
Less than 3 years of Math	931	4	16.7	-	458	4	17.2	-	470	4	16.3	-
Zero years / no Math courses reported	396	2	17.4	-	211	2	17.7	-	138	1	17.4	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	1,106	5	23.2	3.3	576	5	23.4	3.5	530	4	23.0	3.0
Other comb of 4 or more years Social Science	10,961	46	23.0	3.1	5,015	45	23.2	3.3	5,942	47	22.9	2.9
US Hist, World Hist, & Am Gov	3,015	13	21.1	1.2	1,527	14	21.4	1.5	1,487	12	20.9	0.9
Other comb of 3 or 3.5 years of Social Science	7,047	30	22.6	2.7	3,101	28	22.6	2.7	3,942	31	22.5	2.5
Less than 3 years of Social Science	1,189	5	19.9	-	599	5	19.9	-	582	5	20.0	-
Zero years / no Social Science courses reported	390	2	17.6	-	210	2	17.6	-	133	1	18.6	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	10,508	44	23.0	4.1	5,204	47	23.7	4.5	5,302	42	22.3	3.6
Bio, Chem, Phys	2,676	11	24.2	5.3	1,267	11	25.2	6.0	1,408	11	23.2	4.5
Gen Sci <sup>2</sup> , Bio, Chem	7,004	30	20.5	1.6	2,923	27	20.9	1.7	4,074	32	20.3	1.6
Other comb of 3 years of Natural Science	563	2	20.0	1.1	320	3	20.7	1.5	242	2	19.1	0.4
Less than 3 years of Natural Science	2,564	11	18.9	-	1,102	10	19.2	-	1,457	12	18.7	-
Zero years / no Natural Science courses reported	393	2	17.4	-	212	2	17.9	-	133	1	17.7	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

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

Total Students in Report: 23,708

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
<b>ENGLISH COURSE PATTERN</b>								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	6,027	25	22.0	76	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	16,632	70	21.3	71	1,359,318	71	20.6	65
Less than 4 years of English	675	3	17.2	45	93,944	5	15.9	36
Zero years / no English courses reported	374	2	15.6	33	98,029	5	16.5	40
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	1,416	6	24.5	73	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	2,829	12	22.2	59	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	1,215	5	19.9	35	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	4,466	19	20.3	37	362,476	19	19.4	30
Other comb of 4 or more years of Math	8,674	37	24.0	69	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	2,918	12	17.8	14	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	863	4	19.7	33	95,502	5	19.8	34
Less than 3 years of Math	931	4	16.7	10	78,951	4	16.3	8
Zero years / no Math courses reported	396	2	17.4	16	102,364	5	17.8	20
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	1,106	5	23.2	58	48,944	3	22.3	51
Other comb of 4 or more years Social Science	10,961	46	23.0	58	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	3,015	13	21.1	44	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	7,047	30	22.6	54	527,956	27	21.4	46
Less than 3 years of Social Science	1,189	5	19.9	36	194,720	10	19.5	34
Zero years / no Social Science courses reported	390	2	17.6	22	102,027	5	18.1	26
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	10,508	44	23.0	54	807,744	42	22.2	48
Bio, Chem, Phys	2,676	11	24.2	64	217,893	11	23.2	55
Gen Sci <sup>1</sup> , Bio, Chem	7,004	30	20.5	31	512,754	27	20.1	30
Other comb of 3 years of Natural Science	563	2	20.0	29	54,439	3	19.1	24
Less than 3 years of Natural Science	2,564	11	18.9	20	227,926	12	18.1	18
Zero years / no Natural Science courses reported	393	2	17.4	17	103,680	5	18.0	20

<sup>1</sup>Includes General, Physical and Earth Sciences.

# Section IV

## Career and Educational Aspirations

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

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

Total Students in Report: 23,708

**Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans**

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	624	3	20.8	95	7	18.4	514	2	21.3
Architecture	334	1	22.1	9	1	19.4	308	1	22.3
Area, Ethnic, & Multidisciplinary Studies	18	0	24.8	0	0	.	16	0	24.4
Arts: Visual & Performing	1,480	6	21.4	97	7	17.5	1,286	6	21.9
Business	2,076	9	21.7	120	9	17.6	1,842	9	22.1
Communications	367	2	22.0	5	0	15.2	347	2	22.1
Community, Family, & Personal Services	582	2	19.5	84	6	16.6	462	2	20.1
Computer Science & Mathematics	673	3	23.5	50	4	19.0	595	3	23.9
Education	1,520	6	21.1	41	3	16.7	1,424	7	21.3
Engineering	1,772	7	24.6	51	4	17.5	1,627	8	24.9
Engineering Technology & Drafting	294	1	21.6	28	2	17.1	247	1	22.2
English & Foreign Languages	228	1	23.8	9	1	16.6	209	1	24.2
Health Administration & Assisting	821	3	19.0	83	6	17.0	687	3	19.3
Health Sciences & Technologies	4,412	19	21.9	142	10	17.3	4,092	20	22.2
Philosophy, Religion, & Theology	136	1	22.1	4	0	20.5	126	1	22.2
Repair, Production, & Construction	324	1	18.6	164	12	18.0	136	1	19.4
Sciences: Biological & Physical	1,288	5	24.1	22	2	17.9	1,223	6	24.3
Social Sciences & Law	1,532	6	22.1	30	2	17.1	1,427	7	22.3
Undecided	4,654	20	22.1	296	21	18.3	3,940	19	22.6
No Response	552	2	16.7	39	3	14.3	60	0	17.9

<sup>1</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.

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

Total Students in Report: 23,708

**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	372	17.7	32	16.1	2	15.5	210	18.8	89	16.0
2-yr College Degree	1,005	17.6	72	14.4	10	17.0	623	18.5	201	16.3
Bachelors Degree	12,845	21.3	623	17.5	99	19.1	9,370	22.0	1,506	19.2
Graduate Study	3,380	24.3	147	19.0	24	21.0	2,523	25.0	291	21.4
Prof. Level Degree	4,355	24.1	231	19.4	22	22.2	2,791	25.0	597	21.1
Other	289	18.5	16	15.7	5	12.6	175	19.7	50	16.1
No Response	1,462	19.5	128	15.6	6	14.8	716	21.6	231	16.4

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	372	17.7	13	16.6	0	.	16	16.7	10	17.8
2-yr College Degree	1,005	17.6	29	14.5	0	.	42	19.2	28	17.7
Bachelors Degree	12,845	21.3	266	20.7	20	19.2	666	20.5	295	21.7
Graduate Study	3,380	24.3	103	23.0	4	25.0	160	23.2	128	24.3
Prof. Level Degree	4,355	24.1	280	25.5	3	24.3	257	23.6	174	24.4
Other	289	18.5	18	17.8	1	20.0	10	17.2	14	19.4
No Response	1,462	19.5	73	19.6	2	14.5	98	18.9	208	18.7

Total Students in Report: 23,708

**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	6,624	2,958	3,666	0	4	17	30	29	16	2
UNIVERSITY OF KANSAS	Kansas	6,078	2,519	3,559	1	5	16	30	28	18	3
WICHITA STATE UNIVERSITY	Kansas	3,901	1,235	2,666	1	6	23	33	24	12	1
EMPORIA STATE UNIVERSITY	Kansas	1,948	548	1,400	1	7	25	34	24	9	1
PITTSBURG STATE UNIVERSITY	Kansas	1,751	582	1,169	1	7	27	36	21	8	1
FORT HAYS STATE UNIVERSITY	Kansas	1,610	580	1,030	0	7	25	35	23	8	0
WASHBURN UNIVERSITY	Kansas	1,465	483	982	1	6	23	35	24	10	1
JOHNSON COUNTY COMMUNITY COLLEGE	Kansas	1,357	440	917	2	14	26	32	19	7	1
BUTLER COMMUNITY COLLEGE	Kansas	1,193	432	761	1	12	32	33	16	5	0
HUTCHINSON COMMUNITY COLLEGE	Kansas	692	272	420	0	10	36	33	16	5	0
UNIV OF MISSOURI-KANSAS CITY	Missouri	677	142	535	3	13	21	26	24	13	1
KANSAS CITY KANSAS COMM COLL	Kansas	615	221	394	7	35	32	18	7	1	0
OKLAHOMA STATE UNIVERSITY	Oklahoma	545	82	463	0	1	13	30	32	20	2
UNIVERSITY OF ARKANSAS	Arkansas	538	122	416	0	0	7	26	40	22	4
NCAA ELIGIBILITY CENTER	Indiana	465	218	247	1	4	20	37	26	11	1
BAKER UNIVERSITY	Kansas	459	106	353	0	6	22	37	23	10	1
UNIV OF MISSOURI-COLUMBIA	Missouri	417	95	322	0	4	15	26	26	24	4
COWLEY COUNTY COMMUNITY COLL	Kansas	387	122	265	0	15	33	33	17	2	0
NEWMAN UNIVERSITY	Kansas	358	54	304	0	4	28	35	20	12	1
FRIENDS UNIVERSITY	Kansas	356	77	279	1	8	31	35	17	8	1
UNIVERSITY OF NEBRASKA AT LINCOLN	Nebraska	319	69	250	0	2	15	24	31	22	5
UNIVERSITY OF OKLAHOMA	Oklahoma	309	63	246	1	2	16	31	24	24	3
BENEDICTINE COLLEGE	Kansas	302	103	199	1	1	13	36	30	18	2
BARTON COUNTY COMMUNITY COLLEGE	Kansas	264	118	146	0	16	31	34	16	3	0
ALLEN COUNTY COMMUNITY COLLEGE	Kansas	240	83	157	1	9	30	38	17	5	0
HIGHLAND COMMUNITY COLLEGE	Kansas	233	75	158	0	12	37	32	16	2	1
CLOUD COUNTY COMMUNITY COLLEGE	Kansas	221	65	156	1	9	33	32	20	5	0
OTTAWA UNIVERSITY	Kansas	213	62	151	0	9	30	38	14	8	0
GARDEN CITY COMMUNITY COLLEGE	Kansas	202	66	136	3	21	41	26	5	4	0
MISSOURI STATE UNIVERSITY	Missouri	185	46	139	0	6	19	31	29	12	2
All Other Institutions		14,476	3,820	10,656	1	9	19	25	23	18	4
<b>Total</b>		<b>48,400</b>	<b>15,858</b>	<b>32,542</b>	<b>1</b>	<b>8</b>	<b>21</b>	<b>30</b>	<b>24</b>	<b>14</b>	<b>2</b>

# Section V

## Optional Writing Test Results

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

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

Total Students in Report: 23,708

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing**

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>2,904</b>	<b>1,108,908</b>	<b>24.8</b>	<b>21.0</b>	<b>7.2</b>	<b>6.9</b>	<b>23.3</b>	<b>20.2</b>
Black/African American	144	136,380	18.5	16.3	6.3	6.0	18.0	15.9
American Indian/Alaska Native	20	7,142	19.2	16.5	6.6	5.9	18.6	16.0
White	1,871	567,060	25.9	22.8	7.3	7.1	24.2	21.8
Hispanic/Latino	305	196,970	20.8	18.4	6.8	6.7	20.0	18.1
Asian	199	68,736	26.4	23.9	7.8	7.6	25.0	23.0
Native Hawaiian/Other Pac. Isl.	5	4,070	23.6	18.0	7.8	6.5	22.8	17.6
Two or more races	200	45,517	23.8	21.3	7.1	6.9	22.5	20.4
Prefer not/No Response	160	83,033	25.6	20.8	7.2	6.7	23.9	19.9
Males	1,357	507,737	24.9	20.7	7.0	6.6	23.2	19.7
Females	1,546	590,537	24.8	21.4	7.4	7.1	23.4	20.8
Missing	1	10,634	27.0	16.0	6.0	5.6	24.0	15.4





