

# ACT Profile Report - State

Graduating Class 2014

Indiana





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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](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:** 27,226 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. 74% 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 2% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 13% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 11% 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 17% of the cohort took less than three years of natural science courses. 34% of these students were college ready. In comparison, 45% 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](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

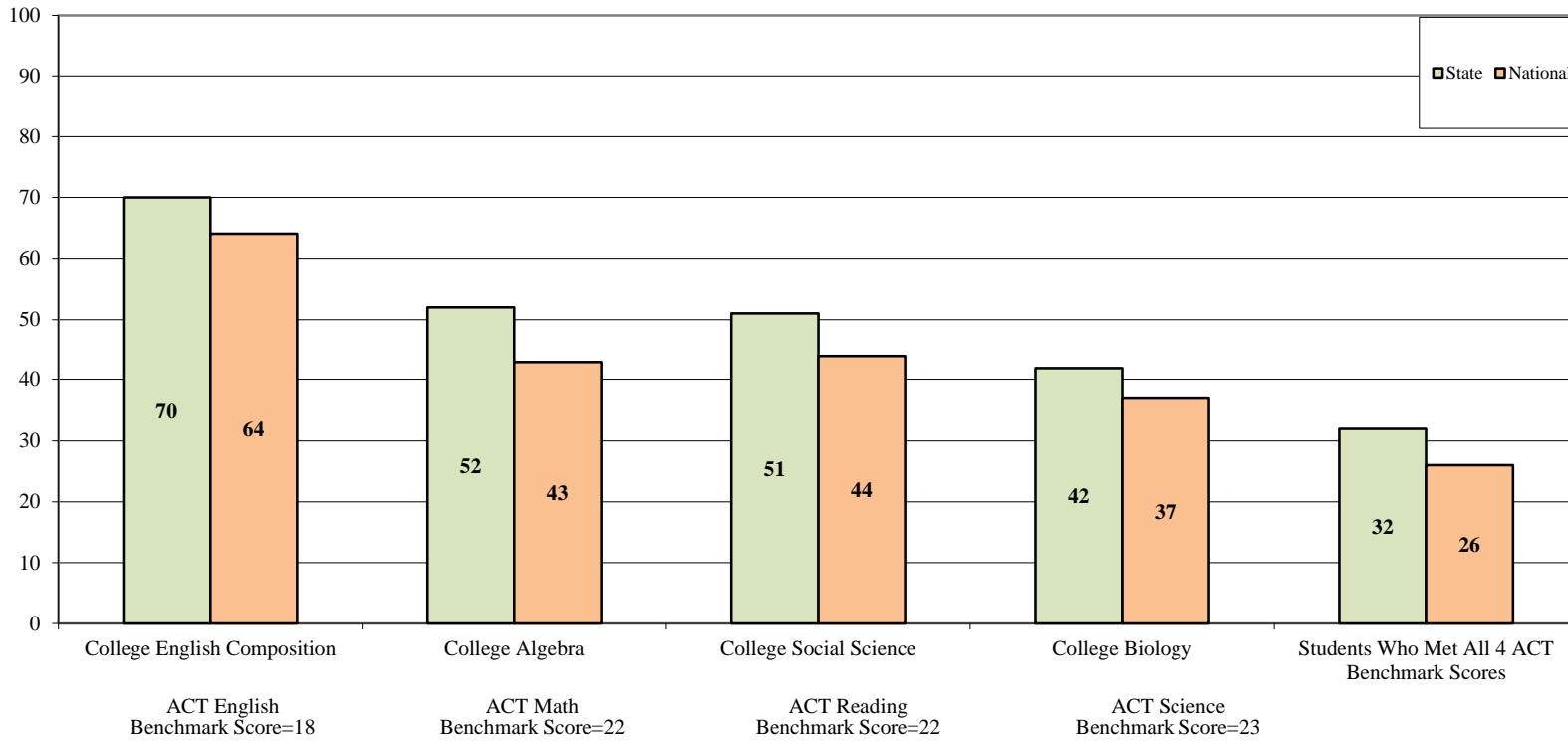
## Executive Summary

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: 27,226

**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
2010	18,787	1,568,835	75	66	56	43	62	52	36	29	31	24
2011	20,462	1,623,112	75	66	57	45	62	52	36	30	31	25
2012	22,372	1,666,017	75	67	58	46	62	52	37	31	32	25
2013	26,227	1,799,243	70	64	53	44	51	44	41	36	31	26
<b>2014</b>	<b>27,226</b>	<b>1,845,787</b>	<b>70</b>	<b>64</b>	<b>52</b>	<b>43</b>	<b>51</b>	<b>44</b>	<b>42</b>	<b>37</b>	<b>32</b>	<b>26</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
2010	18,787	1,568,835	21.7	20.5	22.4	21.0	22.6	21.3	21.9	20.9	22.3	21.0
2011	20,462	1,623,112	21.7	20.6	22.4	21.1	22.6	21.3	21.9	20.9	22.3	21.1
2012	22,372	1,666,017	21.7	20.5	22.5	21.1	22.6	21.3	21.9	20.9	22.3	21.1
2013	26,227	1,799,243	21.0	20.2	21.9	20.9	22.1	21.1	21.4	20.7	21.7	20.9
<b>2014</b>	<b>27,226</b>	<b>1,845,787</b>	<b>21.1</b>	<b>20.3</b>	<b>21.9</b>	<b>20.9</b>	<b>22.3</b>	<b>21.3</b>	<b>21.6</b>	<b>20.8</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
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
<b>2014</b>	<b>1,845,787</b>	<b>20.3</b>	<b>20.9</b>	<b>21.3</b>	<b>20.8</b>	<b>21.0</b>

Total Students in Report: 27,226

**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
2010	14,845	3,750	79	20	22.1	20.4	22.9	20.9	22.9	21.5	22.2	20.8	22.7	21.1
2011	16,222	4,086	79	20	22.0	20.6	22.8	21.2	22.8	21.6	22.1	20.9	22.6	21.2
2012	17,823	4,381	80	20	22.0	20.4	22.9	21.2	22.9	21.5	22.2	20.8	22.6	21.1
2013	19,558	5,997	75	23	21.7	19.4	22.5	20.4	22.7	20.7	21.9	19.9	22.3	20.2
<b>2014</b>	<b>20,135</b>	<b>5,961</b>	<b>74</b>	<b>22</b>	<b>21.8</b>	<b>19.7</b>	<b>22.6</b>	<b>20.6</b>	<b>22.9</b>	<b>21.1</b>	<b>22.1</b>	<b>20.3</b>	<b>22.5</b>	<b>20.5</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**

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>18,787</b>	<b>100</b>	<b>22.3</b>	<b>20,462</b>	<b>100</b>	<b>22.3</b>	<b>22,372</b>	<b>100</b>	<b>22.3</b>	<b>26,227</b>	<b>100</b>	<b>21.7</b>	<b>27,226</b>	<b>100</b>	<b>21.9</b>
Black/African American	2,072	11	17.5	2,191	11	17.5	2,275	10	17.3	2,703	10	17.1	2,720	10	17.2
American Indian/Alaska Native	48	0	22.2	42	0	20.7	45	0	20.7	67	0	19.5	64	0	19.4
White	14,483	77	23.0	15,643	76	23.0	16,955	76	23.1	19,123	73	22.6	19,531	72	22.8
Hispanic/Latino	677	4	20.2	936	5	20.3	1,183	5	20.2	1,716	7	19.3	2,032	7	19.1
Asian	445	2	25.1	475	2	24.7	508	2	24.8	633	2	24.1	667	2	24.5
Native Hawaiian/Other Pacific Islander	0	0	.	7	0	21.3	21	0	20.3	28	0	21.6	22	0	22.7
Two or more races	459	2	21.1	547	3	21.3	657	3	21.5	794	3	21.2	822	3	21.2
Prefer not to respond/No response	603	3	22.4	621	3	22.6	728	3	23.2	1,163	4	20.9	1,368	5	20.7

Total Students in Report: 27,226

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



Total Students in Report: 27,226

**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	26,514	97	21.2	22.0	22.4	21.7	22.0
	Extended Time	712	3	16.6	18.4	19.0	18.3	18.2
	Total	27,226	100	21.1	21.9	22.3	21.6	21.9
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	71	53	52	43	32
	Extended Time	39	23	33	22	13
	Total	70	52	51	42	32
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: 27,226

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	84	100	93	100	230	100	212	100	23	100	36
35	394	100	219	100	261	99	222	99	117	100	35
34	441	98	339	99	552	98	278	98	223	99	34
33	499	97	331	98	663	96	274	97	334	99	33
32	407	95	327	96	997	94	264	96	450	97	32
31	440	93	367	95	823	90	443	95	527	96	31
30	674	92	508	94	865	87	422	94	689	94	30
29	585	89	912	92	846	84	324	92	865	91	29
28	783	87	1,160	89	924	81	678	91	1,007	88	28
27	774	84	1,358	84	966	77	1,220	89	1,124	84	27
26	1,099	81	1,875	79	1,044	74	1,071	84	1,379	80	26
25	1,462	77	1,732	72	1,114	70	1,979	80	1,603	75	25
24	1,675	72	1,942	66	1,387	66	2,074	73	1,829	69	24
23	1,425	66	1,705	59	1,879	61	2,090	65	1,865	63	23
22	1,913	61	1,315	53	1,399	54	2,284	58	1,936	56	22
21	1,992	54	1,122	48	2,308	49	2,027	49	1,867	49	21
20	1,932	46	1,194	44	1,505	40	1,989	42	1,804	42	20
19	1,395	39	1,266	39	1,778	35	1,968	34	1,787	35	19
18	1,211	34	1,670	35	1,261	28	1,473	27	1,629	29	18
17	995	30	2,399	29	1,179	24	1,355	22	1,497	23	17
16	1,328	26	2,726	20	1,214	19	1,113	17	1,379	17	16
15	1,515	21	1,726	10	967	15	863	13	1,090	12	15
14	1,100	15	676	3	983	11	826	10	942	8	14
13	718	11	185	1	758	8	552	7	686	5	13
12	626	9	53	1	644	5	429	4	402	2	12
11	643	6	22	1	384	2	329	3	136	1	11
10	556	4	3	1	183	1	208	2	28	1	10
9	289	2	1	1	69	1	173	1	3	1	9
8	159	1	0	1	9	1	51	1	5	1	8
7	76	1	0	1	17	1	19	1	0	1	7
6	30	1	0	1	10	1	6	1	0	1	6
5	4	1	0	1	4	1	6	1	0	1	5
4	2	1	0	1	1	1	2	1	0	1	4
3	0	1	0	1	1	1	1	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)	21.1 (6.2)		21.9 (5.3)		22.3 (6.2)		21.6 (5.3)		21.9 (5.2)		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: 27,226

**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	1,233	100	314	100	825	100	1,135	100	1,200	100	247	100	290	100	18
17	1,529	95	435	99	1,544	97	1,874	96	1,418	96	403	99	158	99	17
16	1,183	90	1,121	97	1,784	91	2,115	89	1,679	90	790	98	1,294	98	16
15	1,450	86	1,884	93	1,324	85	1,821	81	1,690	84	1,924	95	1,791	94	15
14	1,204	80	1,979	86	2,624	80	1,917	74	2,308	78	2,755	88	2,292	87	14
13	2,127	76	2,565	79	2,412	70	2,118	67	3,100	70	3,195	78	2,901	79	13
12	2,124	68	2,872	70	2,558	61	2,488	60	2,768	58	3,501	66	2,795	68	12
11	2,767	60	3,381	59	2,519	52	2,451	51	1,936	48	2,899	53	3,438	58	11
10	2,914	50	2,701	47	2,611	43	2,134	42	1,995	41	3,716	42	2,889	45	10
9	2,564	39	3,110	37	2,317	33	2,820	34	2,113	34	3,081	29	3,634	34	9
8	2,226	30	2,405	25	2,458	25	1,718	23	2,575	26	2,319	17	2,708	21	8
7	1,684	22	1,417	16	1,989	16	1,571	17	2,405	16	1,099	9	1,383	11	7
6	1,554	16	1,234	11	1,160	8	1,145	11	1,223	7	569	5	594	6	6
5	1,191	10	945	7	628	4	1,244	7	541	3	388	3	511	4	5
4	799	5	639	3	273	2	417	2	187	1	142	1	208	2	4
3	504	2	192	1	127	1	177	1	63	1	163	1	190	1	3
2	162	1	32	1	56	1	77	1	23	1	11	1	85	1	2
1	11	1	0	1	17	1	4	1	2	1	24	1	65	1	1
Avg (SD)	10.7 (3.9)		10.7 (3.3)		11.3 (3.5)		11.4 (3.8)		11.5 (3.6)		11.2 (2.8)		10.9 (3.0)		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	26	27	25	25
Q2 (50th Percentile)	21	22	22	22	22
Q1 (25th Percentile)	16	17	18	18	18

Total Students in Report: 27,226

**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>27,226</b>	<b>74</b>	<b>22.5</b>	<b>20.5</b>
	Black/African American	2,720	74	17.5	16.6
	American Indian/Alaska Native	64	69	20.5	17.4
	White	19,531	76	23.3	21.6
	Hispanic/Latino	2,032	68	19.8	17.8
	Asian	667	81	25.2	22.1
	Native Hawaiian/Other Pac. Isl.	22	64	24.2	22.0
	Two or more races	822	77	21.6	19.9
	Prefer not/No Response	1,368	55	23.0	19.0
National	<b>All Students</b>	<b>1,845,787</b>	<b>73</b>	<b>21.8</b>	<b>18.9</b>
	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

<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>	21.1	21.9	22.3	21.6	21.9
	Black/African American	16.0	17.5	17.8	17.2	17.2
	American Indian/Alaska Native	18.3	19.6	20.1	19.2	19.4
	White	22.2	22.8	23.3	22.5	22.8
	Hispanic/Latino	17.8	19.5	19.4	19.0	19.1
	Asian	23.9	26.0	23.8	23.9	24.5
	Native Hawaiian/Other Pac. Isl.	22.1	23.3	22.4	23.0	22.7
	Two or more races	20.5	21.1	21.6	21.0	21.2
	Prefer not/No Response	19.9	20.8	21.2	20.3	20.7
National	<b>All Students</b>	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: 27,226

**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	1,418	5	982	4	1,706	6	986	4
	28 to 32	2,889	11	3,274	12	4,455	16	2,131	8
	24 to 27	5,010	18	6,907	25	4,511	17	6,344	23
	20 to 23	7,262	27	5,336	20	7,091	26	8,390	31
	16 to 19	4,929	18	8,061	30	5,432	20	5,909	22
	13 to 15	3,333	12	2,587	10	2,708	10	2,241	8
	01 to 12	2,385	9	79	0	1,323	5	1,225	4
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	12,180	45	20.9	22.7	22.2	22.2	22.1
	Females	14,677	54	21.4	21.4	22.6	21.2	21.8
	Missing	369	1	16.7	18.0	17.8	17.2	17.6
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	69	57	50	47	35
	Females	73	49	53	39	30
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 27,226

**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>	20,135	75	21.8	57	22.6	55	22.9	47	22.1	36	22.5
	Less than Core	5,961	62	19.7	41	20.6	43	21.1	33	20.3	23	20.5
	Missing <sup>3</sup>	1,130	40	16.7	24	18.5	29	18.6	19	18.0	12	18.1
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

<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>	25,164	73	21.4	25,665	54	22.2	24,908	53	22.6	21,624	45	22.0
	Less than Core	1,020	47	17.6	497	8	16.5	1,246	31	19.2	4,510	34	20.5
	Missing <sup>3</sup>	1,042	41	16.9	1,064	24	18.6	1,072	29	18.7	1,092	19	18.1
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

<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

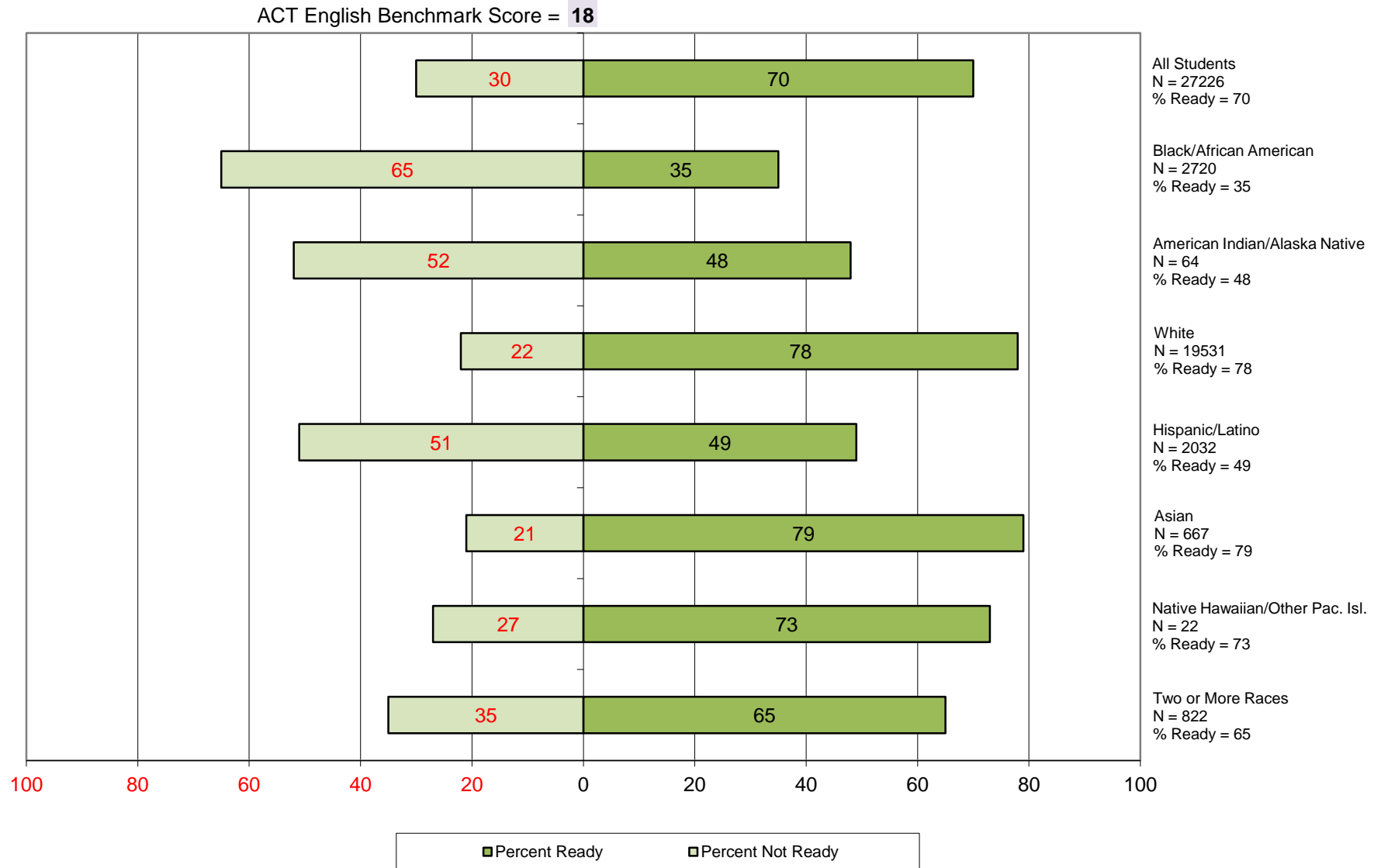


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

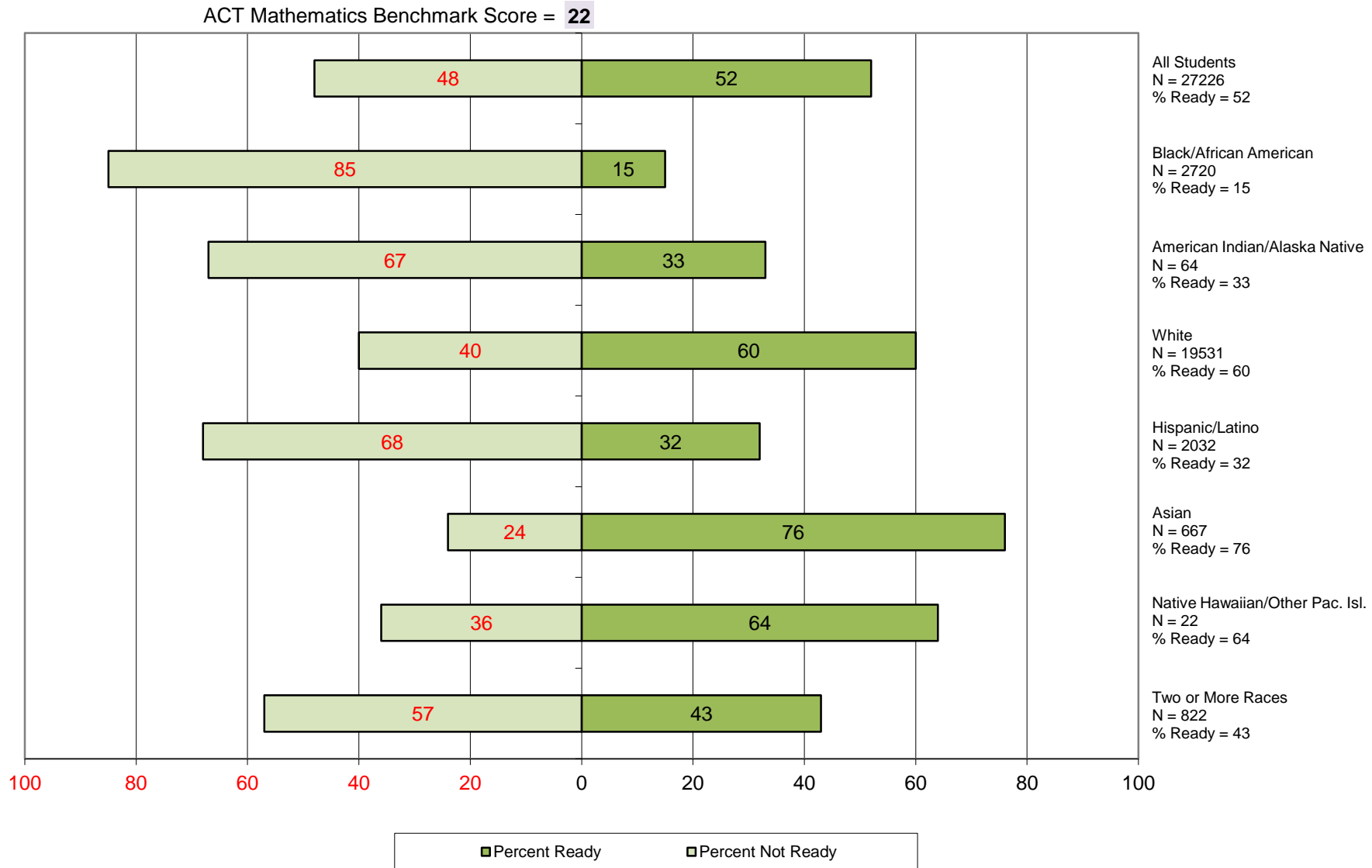


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

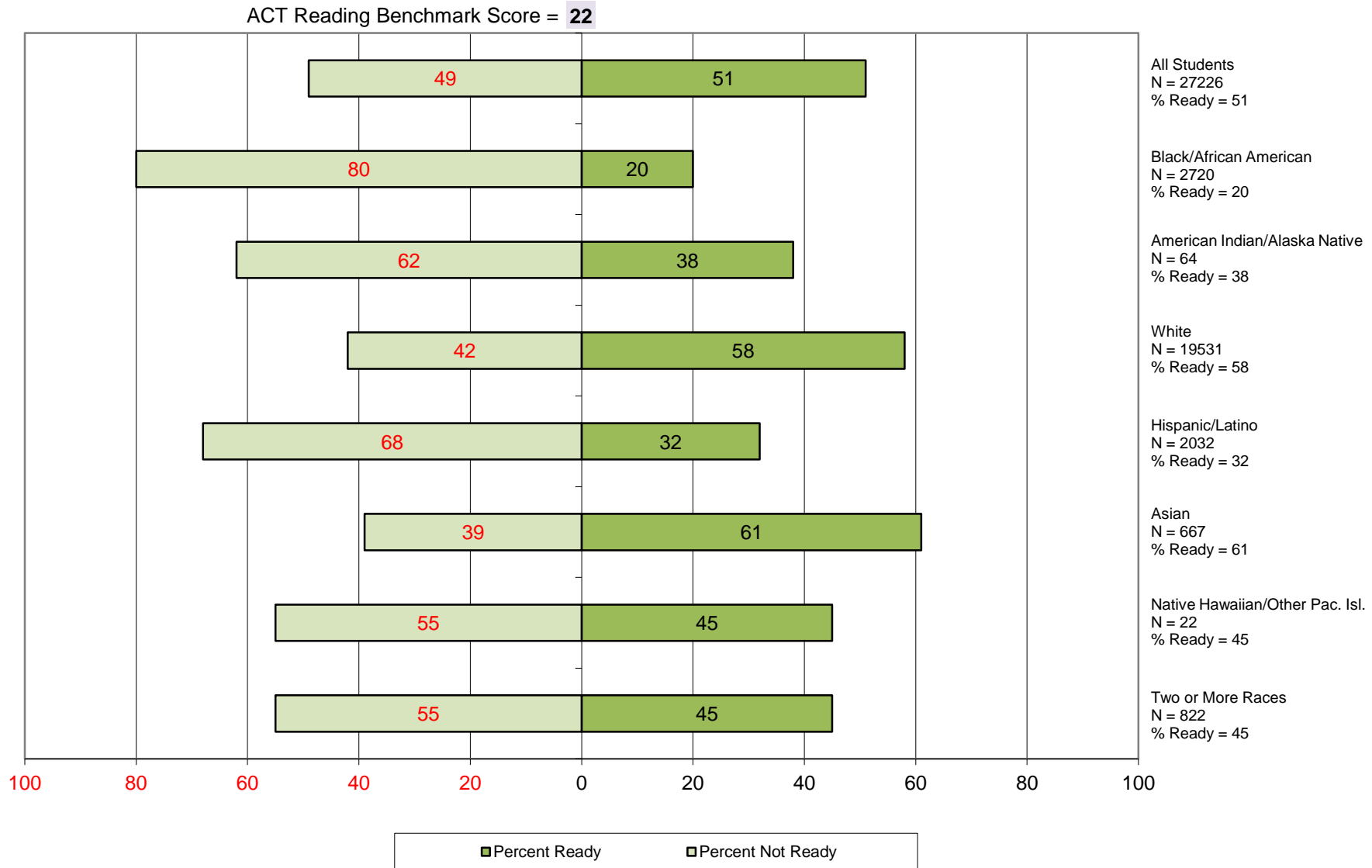


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

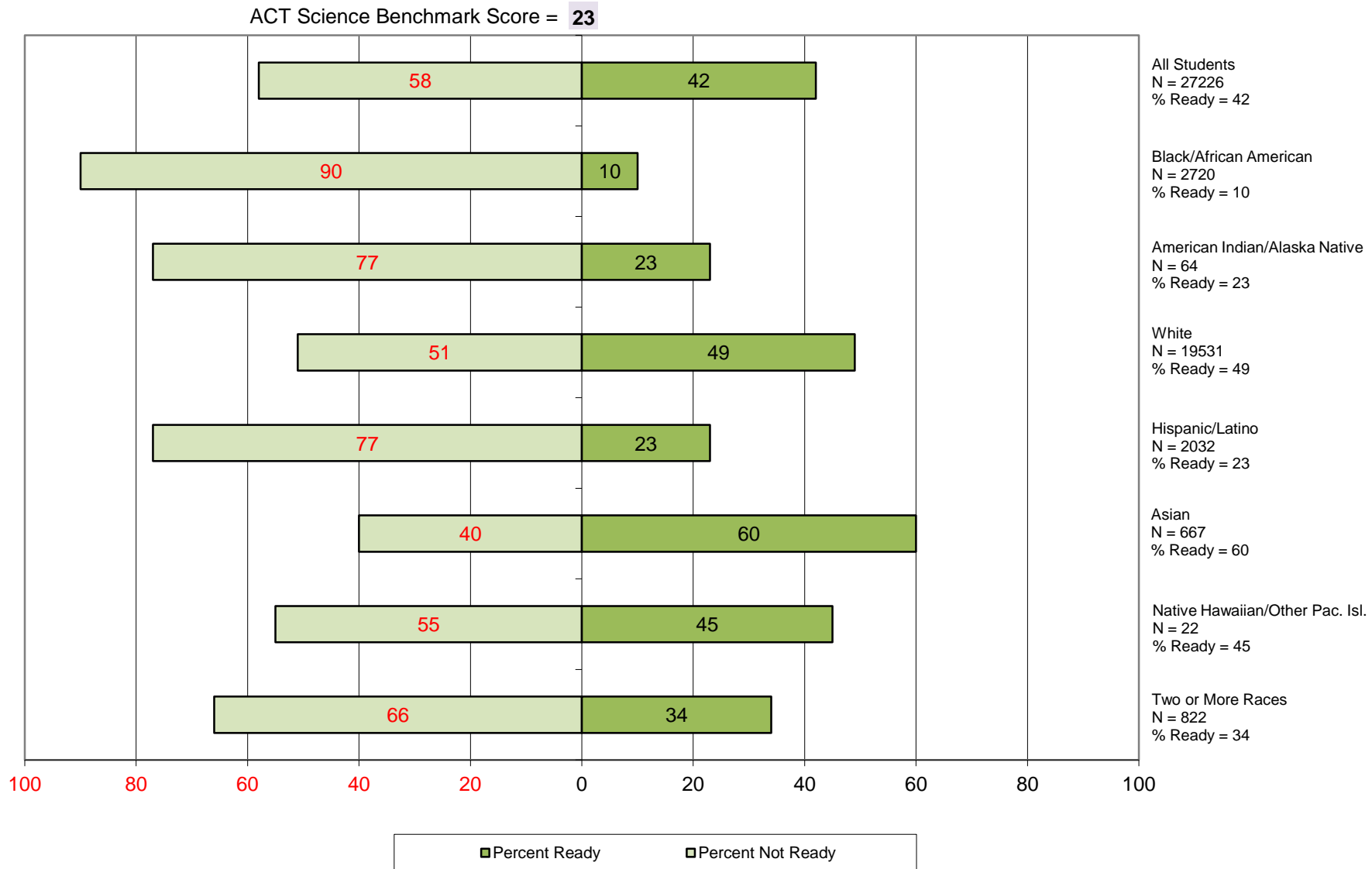
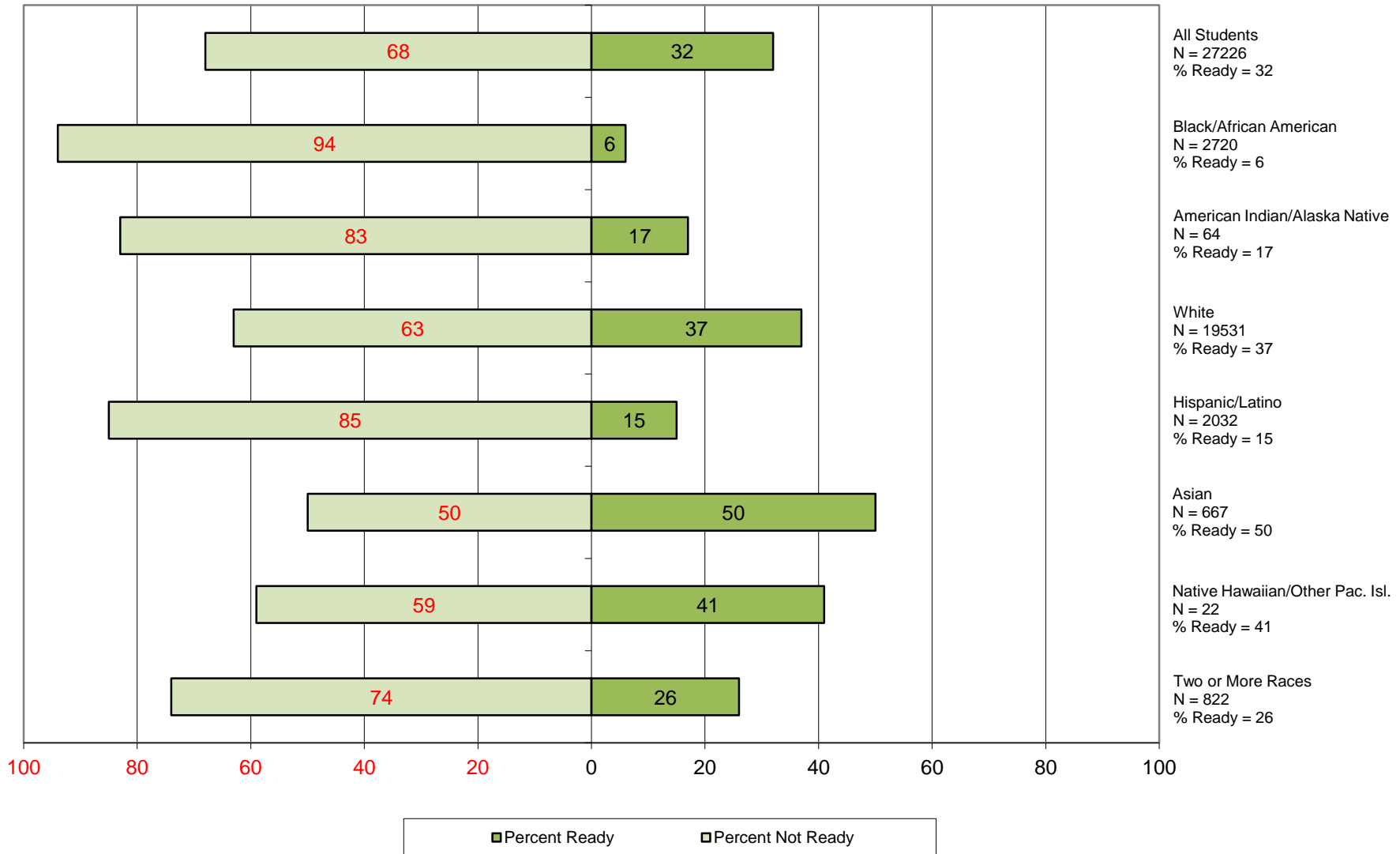


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR





Total Students in Report: 27,226

**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	7,221	27	22.2	4.6	2,952	24	22.0	4.8	4,235	29	22.3	3.9
Eng 9, Eng 10, Eng 11, Eng 12	17,943	66	21.1	3.5	8,190	67	20.9	3.7	9,621	66	21.3	2.9
Less than 4 years of English	1,020	4	17.6	-	532	4	17.2	-	441	3	18.4	-
Zero years / no English courses reported	1,042	4	16.9	-	506	4	17.0	-	380	3	17.4	-
<b>MATHEMATICS COURSE PATTERN</b>												
Alg 1, Alg 2, Geom, Trig, & Calc	2,387	9	24.8	8.3	1,120	9	25.8	9.5	1,252	9	24.0	7.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,065	11	22.2	5.7	1,085	9	22.9	6.6	1,963	13	21.8	5.2
Alg 1, Alg 2, Geom, & Trig	1,759	6	20.4	3.9	716	6	20.9	4.6	1,023	7	20.1	3.5
Alg 1, Alg 2, Geom, & Other Adv Math	4,199	15	20.3	3.8	1,571	13	20.7	4.4	2,599	18	20.0	3.4
Other comb of 4 or more years of Math	9,444	35	24.7	8.2	4,722	39	25.4	9.1	4,685	32	24.0	7.4
Alg 1, Alg 2, & Geom	3,596	13	17.3	0.8	1,620	13	17.6	1.3	1,915	13	17.0	0.4
Other comb of 3 or 3.5 years of Math	1,215	4	21.3	4.8	575	5	22.0	5.7	628	4	20.7	4.1
Less than 3 years of Math	497	2	16.5	-	256	2	16.3	-	223	2	16.6	-
Zero years / no Math courses reported	1,064	4	18.6	-	515	4	19.1	-	389	3	18.7	-
<b>SOCIAL SCIENCE COURSE PATTERN</b>												
US Hist, World Hist, Am Gov, & Other Hist	146	1	22.3	3.1	96	1	22.0	3.1	49	0	23.1	3.3
Other comb of 4 or more years Social Science	15,700	58	22.9	3.7	6,798	56	22.8	3.9	8,814	60	23.0	3.2
US Hist, World Hist, & Am Gov	278	1	19.9	0.7	151	1	19.6	0.7	119	1	20.4	0.6
Other comb of 3 or 3.5 years of Social Science	8,784	32	22.2	3.0	3,936	32	22.2	3.3	4,790	33	22.3	2.5
Less than 3 years of Social Science	1,246	5	19.2	-	676	6	18.9	-	520	4	19.8	-
Zero years / no Social Science courses reported	1,072	4	18.7	-	523	4	19.0	-	385	3	19.4	-
<b>NATURAL SCIENCE COURSE PATTERN</b>												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	8,619	32	21.9	1.4	4,386	36	22.6	2.3	4,176	28	21.3	0.6
Bio, Chem, Phys	5,659	21	24.0	3.5	2,849	23	24.7	4.4	2,776	19	23.2	2.5
Gen Sci <sup>2</sup> , Bio, Chem	6,792	25	20.6	0.1	2,505	21	20.6	0.3	4,250	29	20.6	-0.1
Other comb of 3 years of Natural Science	554	2	19.3	-1.2	293	2	19.8	-0.5	250	2	18.8	-1.9
Less than 3 years of Natural Science	4,510	17	20.5	-	1,615	13	20.3	-	2,830	19	20.7	-
Zero years / no Natural Science courses reported	1,092	4	18.1	-	532	4	18.6	-	395	3	18.3	-

<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: 27,226

**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	7,221	27	22.2	77	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	17,943	66	21.1	71	1,305,220	71	20.5	65
Less than 4 years of English	1,020	4	17.6	47	88,420	5	15.9	36
Zero years / no English courses reported	1,042	4	16.9	41	81,272	4	16.3	38
<b>MATHEMATICS COURSE PATTERN</b>								
Alg 1, Alg 2, Geom, Trig, & Calc	2,387	9	24.8	77	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	3,065	11	22.2	59	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	1,759	6	20.4	40	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	4,199	15	20.3	39	356,555	19	19.4	31
Other comb of 4 or more years of Math	9,444	35	24.7	73	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	3,596	13	17.3	11	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	1,215	4	21.3	47	90,105	5	19.8	35
Less than 3 years of Math	497	2	16.5	8	74,627	4	16.4	8
Zero years / no Math courses reported	1,064	4	18.6	24	84,966	5	17.8	19
<b>SOCIAL SCIENCE COURSE PATTERN</b>								
US Hist, World Hist, Am Gov, & Other Hist	146	1	22.3	53	48,992	3	22.3	50
Other comb of 4 or more years Social Science	15,700	58	22.9	55	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	278	1	19.9	37	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	8,784	32	22.2	50	504,877	27	21.3	43
Less than 3 years of Social Science	1,246	5	19.2	31	180,385	10	19.4	32
Zero years / no Social Science courses reported	1,072	4	18.7	29	85,294	5	17.8	24
<b>NATURAL SCIENCE COURSE PATTERN</b>								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	8,619	32	21.9	46	781,043	42	22.1	46
Bio, Chem, Phys	5,659	21	24.0	61	199,419	11	23.1	54
Gen Sci <sup>1</sup> , Bio, Chem	6,792	25	20.6	33	505,460	27	20.0	28
Other comb of 3 years of Natural Science	554	2	19.3	24	52,236	3	19.2	24
Less than 3 years of Natural Science	4,510	17	20.5	34	220,701	12	18.1	17
Zero years / no Natural Science courses reported	1,092	4	18.1	19	86,928	5	17.7	17

<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: 27,226

**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	393	1	21.3	36	4	17.5	339	1	21.8
Architecture	291	1	21.7	3	0	13.3	264	1	21.9
Area, Ethnic, & Multidisciplinary Studies	32	0	21.1	1	0	14.0	30	0	21.2
Arts: Visual & Performing	1,378	5	20.8	66	8	16.4	1,209	5	21.2
Business	2,803	10	21.9	84	10	16.9	2,547	11	22.1
Communications	651	2	21.5	13	2	16.4	603	3	21.6
Community, Family, & Personal Services	547	2	18.4	74	9	16.0	441	2	18.8
Computer Science & Mathematics	794	3	23.6	25	3	19.7	718	3	23.7
Education	1,402	5	21.0	24	3	16.8	1,305	6	21.1
Engineering	2,170	8	24.7	40	5	16.4	2,005	9	24.9
Engineering Technology & Drafting	346	1	20.6	31	4	16.9	296	1	21.0
English & Foreign Languages	270	1	24.1	2	0	20.0	251	1	24.2
Health Administration & Assisting	884	3	18.8	64	7	16.7	772	3	19.0
Health Sciences & Technologies	5,574	20	22.0	96	11	17.7	5,254	23	22.1
Philosophy, Religion, & Theology	168	1	22.6	3	0	20.7	152	1	22.8
Repair, Production, & Construction	189	1	17.7	79	9	16.5	94	0	18.4
Sciences: Biological & Physical	2,139	8	24.7	12	1	17.7	2,022	9	24.7
Social Sciences & Law	1,941	7	21.8	33	4	15.9	1,792	8	22.0
Undecided	3,598	13	22.0	133	16	17.0	3,011	13	22.3
No Response	1,635	6	17.9	33	4	13.7	117	1	17.0

<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: 27,226

**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	210	16.4	46	13.9	4	13.5	113	17.4	26	15.5
2-yr College Degree	645	16.9	94	14.7	1	18.0	401	17.7	93	15.4
Bachelors Degree	13,187	20.8	1,435	16.5	27	18.5	9,805	21.7	938	18.4
Graduate Study	4,298	24.2	334	19.1	5	23.0	3,364	24.8	221	22.4
Prof. Level Degree	5,751	24.4	610	19.1	18	23.0	3,919	25.3	438	21.3
Other	272	17.7	41	14.1	3	16.3	150	19.3	35	15.2
No Response	2,863	20.0	160	15.9	6	15.7	1,779	21.2	281	17.1

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	210	16.4	3	18.0	0	.	7	18.7	11	17.3
2-yr College Degree	645	16.9	4	16.0	0	.	17	16.1	35	17.4
Bachelors Degree	13,187	20.8	170	21.3	10	21.9	404	19.6	398	20.5
Graduate Study	4,298	24.2	104	25.0	2	23.0	117	24.1	151	24.1
Prof. Level Degree	5,751	24.4	299	26.8	7	26.3	201	23.9	259	24.9
Other	272	17.7	7	19.4	0	.	14	17.6	22	17.3
No Response	2,863	20.0	80	23.5	3	17.0	62	19.6	492	18.1

Total Students in Report: 27,226

**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
INDIANA UNIVERSITY BLOOMINGTON	Indiana	6,835	2,991	3,844	1	4	15	31	30	18	2
PURDUE UNIVERSITY	Indiana	5,756	2,564	3,192	0	3	13	28	31	20	4
BALL STATE UNIVERSITY	Indiana	5,393	1,932	3,461	1	7	25	35	22	9	1
INDIANA UNIV-PURDUE UNIV INDIANAPOLIS	Indiana	3,389	864	2,525	1	9	25	33	22	9	1
INDIANA STATE UNIVERSITY	Indiana	2,063	498	1,565	2	15	34	28	16	5	0
BUTLER UNIVERSITY	Indiana	1,858	413	1,445	1	3	12	26	33	22	3
UNIVERSITY OF INDIANAPOLIS	Indiana	1,429	296	1,133	1	9	25	35	21	8	1
UNIVERSITY OF SOUTHERN INDIANA	Indiana	1,380	424	956	0	8	30	33	20	8	0
INDIANA UNIV-PURDUE UNIV AT FORT WAYNE	Indiana	957	302	655	2	9	29	32	20	8	0
PURDUE UNIVERSITY CALUMET	Indiana	763	292	471	4	18	34	27	13	3	0
STATE-COLLEGE/NO REPORTS NOW	Iowa	733	732	1	8	25	31	20	10	5	1
UNIVERSITY OF EVANSVILLE	Indiana	666	141	525	0	4	17	32	28	16	2
UNIVERSITY OF NOTRE DAME	Indiana	665	144	521	1	2	8	15	33	34	8
VINCENNES UNIVERSITY	Indiana	662	204	458	3	23	37	26	9	3	0
VALPARAISO UNIVERSITY	Indiana	617	112	505	1	7	20	29	28	13	2
UNIVERSITY OF LOUISVILLE	Kentucky	581	184	397	2	9	24	30	25	9	1
NCAA ELIGIBILITY CENTER	Indiana	558	266	292	1	9	22	31	24	11	1
ROSE-HULMAN INSTITUTE OF TECHNOLOGY	Indiana	510	101	409	0	1	2	16	32	37	12
INDIANA UNIVERSITY NORTHWEST	Indiana	471	155	316	5	14	35	29	15	3	0
INDIANA WESLEYAN UNIVERSITY	Indiana	466	118	348	0	4	23	31	25	15	1
DEPAUW UNIVERSITY	Indiana	452	88	364	0	3	11	27	36	21	2
UNIVERSITY OF KENTUCKY	Kentucky	427	87	340	1	6	19	33	25	15	1
INDIANA UNIVERSITY SOUTHEAST	Indiana	410	147	263	2	11	34	33	17	3	1
TRINE UNIVERSITY	Indiana	402	107	295	0	4	17	36	28	14	1
MARIAN UNIVERSITY-IN	Indiana	393	81	312	2	12	26	37	18	6	1
ANDERSON UNIVERSITY	Indiana	391	105	286	1	7	25	36	19	11	0
IVY TECH COMM COLL-CENTRAL INDIANA	Indiana	388	102	286	6	27	40	21	6	1	0
FRANKLIN COLLEGE	Indiana	379	102	277	2	7	29	34	20	8	1
HANOVER COLLEGE	Indiana	369	71	298	2	4	23	31	23	15	2
INDIANA UNIVERSITY SOUTH BEND	Indiana	346	108	238	1	14	32	34	14	5	0
All Other Institutions		20,318	5,166	15,152	2	10	20	24	23	17	4
<b>Total</b>		<b>60,027</b>	<b>18,897</b>	<b>41,130</b>	<b>2</b>	<b>8</b>	<b>21</b>	<b>28</b>	<b>24</b>	<b>15</b>	<b>3</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: 27,226

**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>21,184</b>	<b>976,031</b>	<b>21.4</b>	<b>21.3</b>	<b>7.1</b>	<b>7.1</b>	<b>20.8</b>	<b>20.6</b>
Black/African American	1,985	114,263	16.3	16.4	6.5	6.3	16.5	16.3
American Indian/Alaska Native	45	6,408	18.2	16.8	6.5	6.2	17.8	16.5
White	15,142	520,054	22.5	23.1	7.2	7.3	21.6	22.1
Hispanic/Latino	1,654	167,575	17.9	18.5	6.8	6.9	17.9	18.4
Asian	559	61,663	24.8	23.7	7.7	7.7	23.7	22.9
Native Hawaiian/Other Pac. Isl.	15	3,742	23.1	17.7	7.1	6.6	22.1	17.6
Two or more races	638	39,565	21.0	21.4	7.0	7.1	20.3	20.7
Prefer not/No Response	1,146	62,761	20.2	21.6	6.9	7.1	19.6	20.9
Males	9,351	438,500	21.3	21.1	6.9	6.9	20.4	20.2
Females	11,485	530,240	21.7	21.6	7.3	7.3	21.2	21.1
Missing	348	7,291	16.9	16.0	6.6	5.9	17.0	15.7





