



Profile Report - State

Graduating Class 2015

New York



Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Who Met College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT College Reportable Scores by Test Session Duration	
Percent of Students Who Met College Readiness Benchmark Scores by Test Session Duration	
Section II: Academic Achievement	Page 11
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Who Met College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
Section III: College Readiness & Impact of Course Rigor	Page 17
Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
Section IV: Career and Educational Aspirations	Page 25
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
Section V: Optional Writing Test Results	Page 29
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

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.

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

46% 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: 58,136 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. 78% 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 3% of the cohort took less than three years of math courses. Of these students, 15% were college ready. 2% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 11% of these students were college ready. In comparison, 69% 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 6% of the cohort took less than three years of natural science courses. 18% of these students were college ready. In comparison, 62% 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 26% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

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

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

Section I

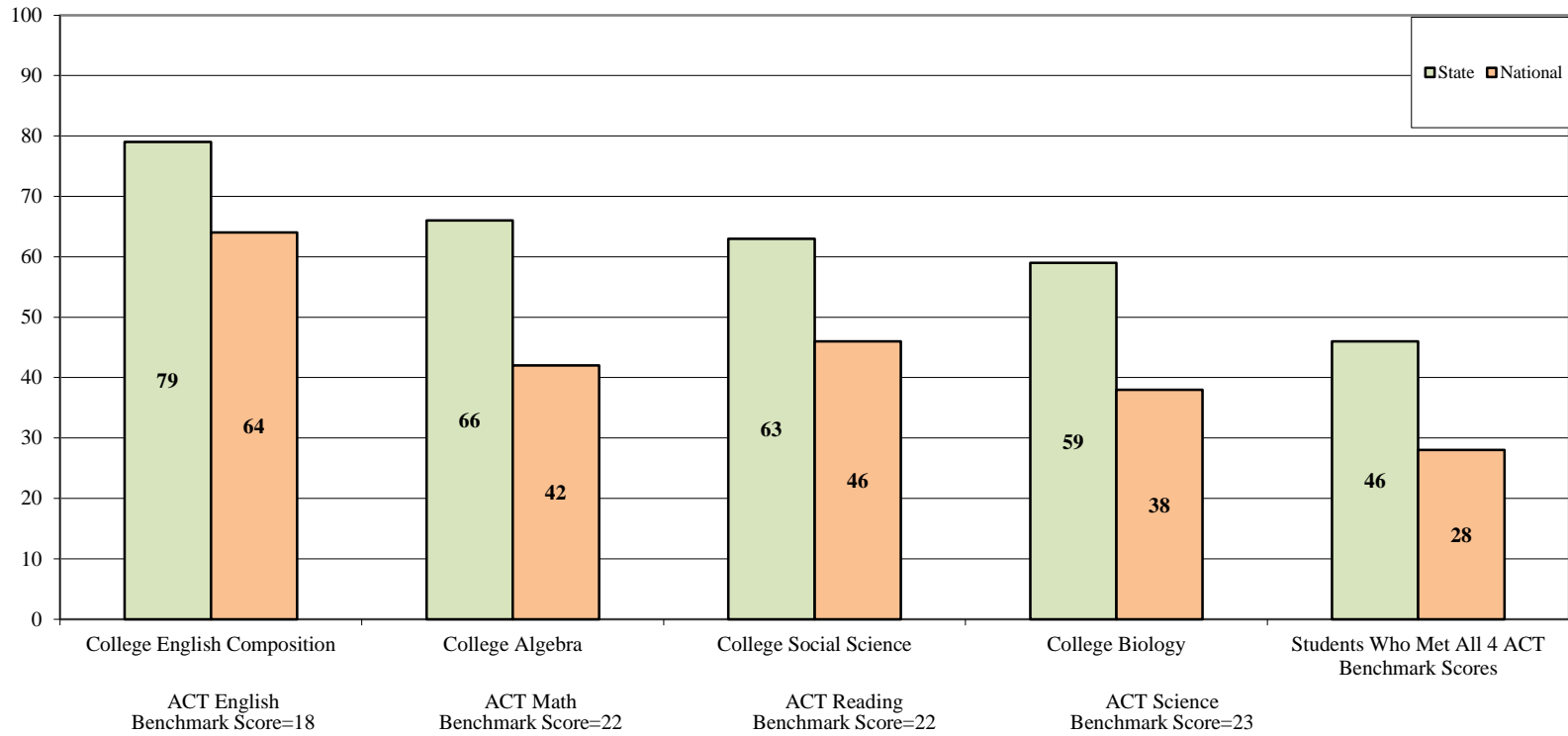
Executive Summary

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

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

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

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



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

Total Students in Report: 58,136

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	52,255	1,623,112	80	66	68	45	67	52	45	30	39	25
2012	52,771	1,666,017	80	67	67	46	67	52	47	31	41	25
2013	53,287	1,799,243	80	64	68	44	61	44	54	36	43	26
2014	54,496	1,845,787	79	64	67	43	59	44	55	37	43	26
2015	58,136	1,924,436	79	64	66	42	63	46	59	38	46	28

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	52,255	1,623,112	22.7	20.6	23.8	21.1	23.5	21.3	23.0	20.9	23.4	21.1
2012	52,771	1,666,017	22.7	20.5	23.7	21.1	23.4	21.3	23.1	20.9	23.3	21.1
2013	53,287	1,799,243	22.6	20.2	23.8	20.9	23.7	21.1	23.1	20.7	23.4	20.9
2014	54,496	1,845,787	22.7	20.3	23.8	20.9	23.6	21.3	23.2	20.8	23.4	21.0
2015	58,136	1,924,436	23.0	20.4	23.8	20.8	23.9	21.4	23.5	20.9	23.7	21.0

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
2015	1,924,436	20.4	20.8	21.4	20.9	21.0

Total Students in Report: 58,136

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
2011	41,327	10,086	79	19	23.3	20.6	24.3	21.6	24.0	21.6	23.5	21.3	23.9	21.4
2012	42,582	9,498	81	18	23.2	20.4	24.2	21.5	23.9	21.4	23.5	21.1	23.8	21.2
2013	42,234	9,621	79	18	23.2	20.7	24.4	21.9	24.1	21.9	23.6	21.4	23.9	21.6
2014	42,937	10,221	79	19	23.3	20.8	24.3	21.9	24.1	21.9	23.6	21.5	23.9	21.6
2015	45,363	11,261	78	19	23.6	21.1	24.3	21.9	24.4	22.2	24.0	21.8	24.2	21.9

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.

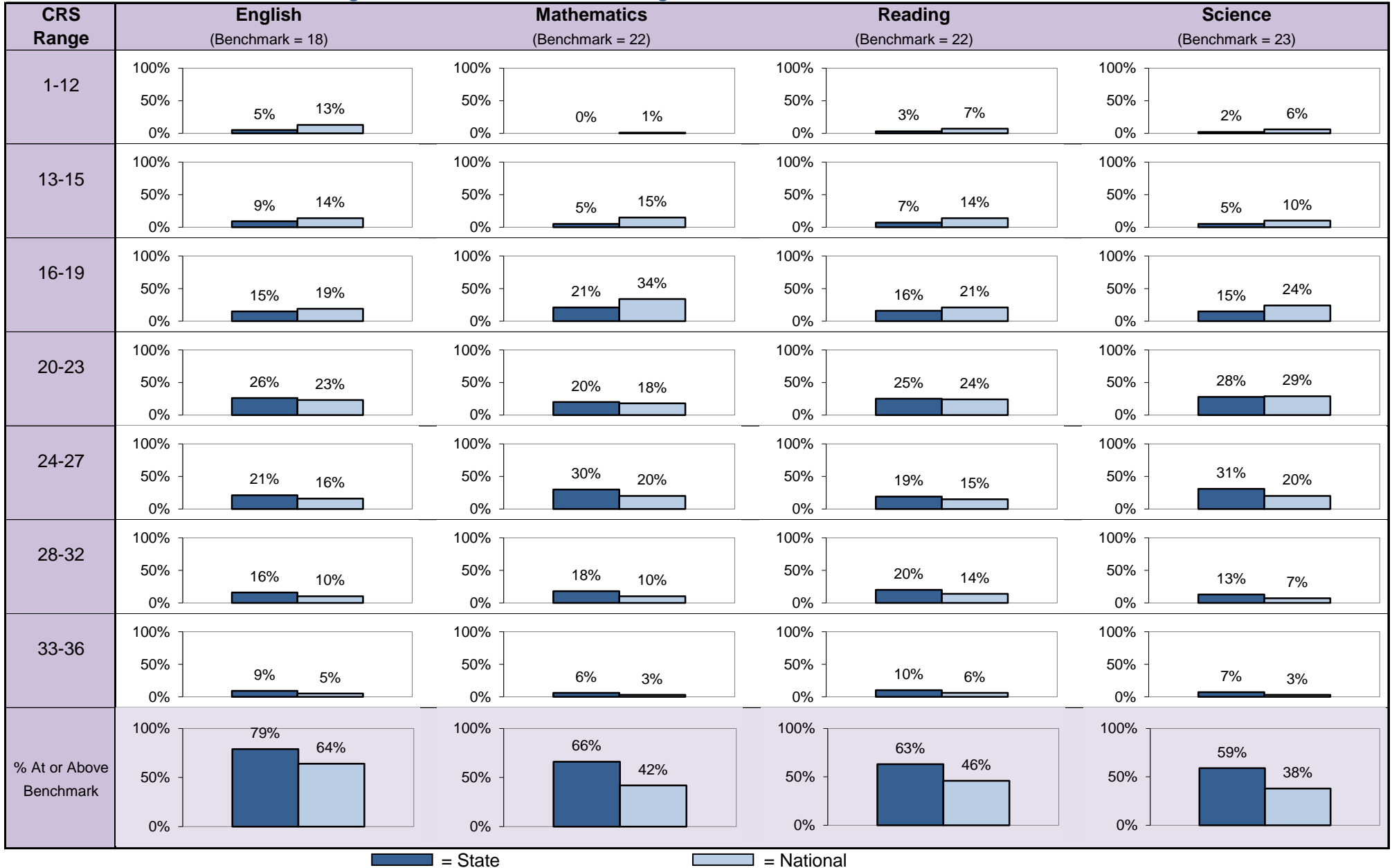
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	52,255	100	23.4	52,771	100	23.3	53,287	100	23.4	54,496	100	23.4	58,136	100	23.7
Black/African American	3,562	7	19.0	3,716	7	18.8	3,498	7	19.2	3,700	7	19.0	4,088	7	19.3
American Indian/Alaska Native	157	0	21.6	145	0	20.8	156	0	20.7	140	0	21.5	157	0	20.8
White	35,332	68	23.9	34,694	66	24.0	34,273	64	24.0	34,150	63	24.1	35,270	61	24.3
Hispanic/Latino	4,724	9	20.6	5,454	10	20.6	5,514	10	21.0	6,106	11	21.0	6,629	11	21.0
Asian	3,522	7	25.5	3,680	7	25.4	3,707	7	25.3	4,264	8	25.1	4,975	9	25.6
Native Hawaiian/Other Pacific Islander	45	0	22.2	60	0	22.8	79	0	22.8	77	0	22.5	85	0	22.2
Two or more races	1,082	2	23.4	1,062	2	23.8	1,113	2	23.7	1,237	2	23.9	1,373	2	23.9
Prefer not to respond/No response	3,831	7	23.8	3,960	8	23.9	4,947	9	23.7	4,822	9	23.9	5,559	10	24.1

Total Students in Report: 58,136

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



Total Students in Report: 58,136

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	55,176	95	23.1	23.9	23.9	23.5	23.7
	Extended Time	2,960	5	21.9	22.0	24.1	22.7	22.8
	Total	58,136	100	23.0	23.8	23.9	23.5	23.7
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	80	67	63	59	46
	Extended Time	72	50	60	49	38
	Total	79	66	63	59	46
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: 58,136

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	342	100	499	100	805	100	696	100	89	100	36
35	1,463	99	818	99	897	99	930	99	537	100	35
34	1,920	97	1,247	98	1,863	97	1,255	97	1,032	99	34
33	1,414	94	976	96	2,446	94	999	95	1,392	97	33
32	2,001	91	1,439	94	2,475	90	1,629	93	1,642	95	32
31	1,861	88	1,338	91	2,223	85	1,054	91	1,955	92	31
30	1,515	85	1,614	89	2,538	82	1,399	89	2,289	89	30
29	1,642	82	2,365	86	2,318	77	1,390	86	2,423	85	29
28	2,316	79	3,858	82	2,342	73	1,991	84	2,944	80	28
27	1,998	75	4,512	76	2,413	69	2,944	80	3,352	75	27
26	2,937	72	4,959	68	2,472	65	3,843	75	3,651	70	26
25	3,825	67	3,708	59	2,542	61	5,269	69	3,958	63	25
24	3,347	60	4,156	53	3,482	56	5,737	60	4,263	57	24
23	3,930	54	3,999	46	3,912	50	4,957	50	4,099	49	23
22	3,401	48	2,713	39	3,675	44	3,388	41	4,053	42	22
21	3,964	42	2,386	34	3,663	37	4,738	36	3,742	35	21
20	3,556	35	2,538	30	3,211	31	3,407	27	3,437	29	20
19	2,309	29	2,809	26	3,078	26	3,197	22	2,929	23	19
18	2,262	25	2,697	21	2,528	20	2,195	16	2,676	18	18
17	1,883	21	3,474	16	1,910	16	1,786	12	2,295	13	17
16	2,321	18	2,985	10	1,817	13	1,531	9	1,796	9	16
15	2,795	14	1,779	5	1,659	10	1,203	7	1,340	6	15
14	1,509	9	707	2	1,251	7	782	4	987	4	14
13	881	6	330	1	940	4	699	3	675	2	13
12	801	5	143	1	881	3	401	2	330	1	12
11	721	3	45	1	295	1	337	1	161	1	11
10	619	2	15	1	317	1	178	1	52	1	10
9	309	1	4	1	17	1	98	1	26	1	9
8	160	1	10	1	79	1	52	1	8	1	8
7	71	1	5	1	52	1	20	1	0	1	7
6	42	1	5	1	22	1	9	1	3	1	6
5	11	1	0	1	2	1	13	1	0	1	5
4	6	1	3	1	8	1	1	1	0	1	4
3	2	1	0	1	1	1	7	1	0	1	3
2	2	1	0	1	2	1	0	1	0	1	2
1	0	1	0	1	0	1	1	1	0	1	1
Avg (SD)	23.0 (6.4)		23.8 (5.4)		23.9 (6.2)		23.5 (5.3)		23.7 (5.3)		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: 58,136

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	3,951	100	1,690	100	3,062	100	4,307	100	4,329	100	1,112	100	1,151	100	18
17	5,086	93	1,633	97	4,579	95	4,776	93	3,874	93	1,381	98	368	98	17
16	2,801	84	5,755	94	4,964	87	5,152	84	5,709	86	2,671	96	4,469	97	16
15	4,878	80	4,734	84	5,077	78	5,963	76	4,895	76	6,334	91	6,319	90	15
14	3,060	71	5,086	76	3,966	70	5,167	65	5,002	68	8,847	80	6,944	79	14
13	4,168	66	5,971	67	5,939	63	4,990	56	6,678	59	7,406	65	7,208	67	13
12	4,925	59	6,085	57	6,094	53	4,747	48	6,452	48	5,652	52	7,499	54	12
11	6,489	50	7,079	47	4,983	42	4,376	40	3,609	36	8,162	43	5,788	42	11
10	5,466	39	4,897	35	5,976	33	4,087	32	4,594	30	5,956	29	6,957	32	10
9	4,247	30	5,388	26	3,694	23	3,944	25	3,733	22	5,220	18	4,979	20	9
8	4,231	22	3,954	17	4,258	17	2,922	18	3,644	16	2,516	9	2,616	11	8
7	3,255	15	2,052	10	2,803	10	2,814	13	3,561	10	1,493	5	1,696	7	7
6	2,464	10	1,612	7	1,252	5	2,629	8	1,363	4	406	2	1,101	4	6
5	1,624	5	1,114	4	797	3	1,291	4	367	1	485	2	413	2	5
4	967	3	690	2	286	1	740	2	180	1	183	1	322	1	4
3	385	1	325	1	127	1	159	1	98	1	212	1	153	1	3
2	121	1	64	1	178	1	65	1	44	1	18	1	6	1	2
1	18	1	7	1	101	1	7	1	4	1	82	1	147	1	1
Avg (SD)	11.7 (3.8)		11.8 (3.3)		12.2 (3.5)		12.4 (3.8)		12.5 (3.5)		12.1 (2.8)		12.0 (2.9)		Avg (SD)

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

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	27	27	29	26	27
Q2 (50th Percentile)	23	24	23	24	24
Q1 (25th Percentile)	19	19	19	20	20

Total Students in Report: 58,136

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	58,136	78	24.2	21.9
	Black/African American	4,088	69	20.0	17.6
	American Indian/Alaska Native	157	71	22.3	17.5
	White	35,270	81	24.7	22.9
	Hispanic/Latino	6,629	74	21.6	19.5
	Asian	4,975	82	25.9	24.3
	Native Hawaiian/Other Pac. Isl.	85	76	22.8	20.8
	Two or more races	1,373	79	24.6	21.6
	Prefer not/No Response	5,559	66	25.1	22.8
National	All Students	1,924,436	72	21.9	18.9
	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

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	23.0	23.8	23.9	23.5	23.7
	Black/African American	18.5	19.4	19.6	19.2	19.3
	American Indian/Alaska Native	19.4	21.4	21.1	20.9	20.8
	White	23.7	24.3	24.6	24.2	24.3
	Hispanic/Latino	20.1	21.1	21.3	21.0	21.0
	Asian	24.7	27.1	25.0	25.1	25.6
	Native Hawaiian/Other Pac. Isl.	21.6	22.6	22.5	21.6	22.2
	Two or more races	23.5	23.7	24.5	23.6	23.9
	Prefer not/No Response	23.6	24.0	24.5	23.8	24.1
National	All Students	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: 58,136

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	5,139	9	3,540	6	6,011	10	3,880	7
	28 to 32	9,335	16	10,614	18	11,896	20	7,463	13
	24 to 27	12,107	21	17,335	30	10,909	19	17,793	31
	20 to 23	14,851	26	11,636	20	14,461	25	16,490	28
	16 to 19	8,775	15	11,965	21	9,333	16	8,709	15
	13 to 15	5,185	9	2,816	5	3,850	7	2,684	5
	01 to 12	2,744	5	230	0	1,676	3	1,117	2
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	26,175	45	22.8	24.5	23.9	24.1	24.0
	Females	31,958	55	23.2	23.1	23.8	23.0	23.4
	Missing	3	0	15.7	16.7	18.3	19.0	17.7
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	78	70	62	63	49
	Females	80	62	63	55	43
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

Total Students in Report: 58,136

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	45,363	83	23.6	71	24.3	66	24.4	63	24.0	50	24.2
	Less than Core	11,261	66	21.1	49	21.9	50	22.2	44	21.8	33	21.9
	Missing ³	1,512	61	20.1	41	20.7	50	22.3	43	21.8	30	21.4
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

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	55,524	80	23.1	54,966	68	24.0	49,781	63	24.0	52,890	62	23.9
	Less than Core	1,151	63	20.1	1,706	15	17.6	6,887	61	23.7	3,756	18	18.6
	Missing ³	1,461	62	20.2	1,464	41	20.8	1,468	50	22.4	1,490	43	21.8
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

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

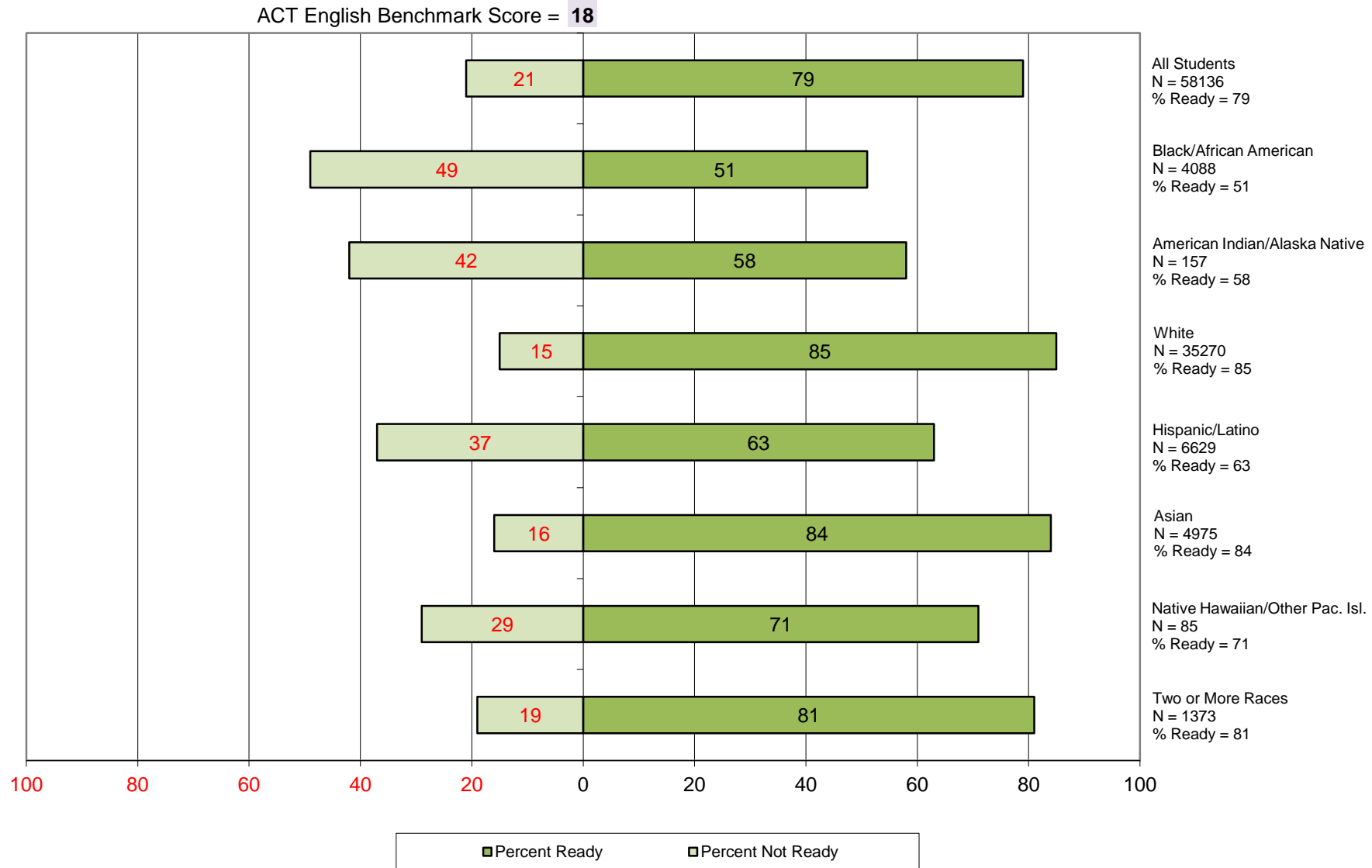


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

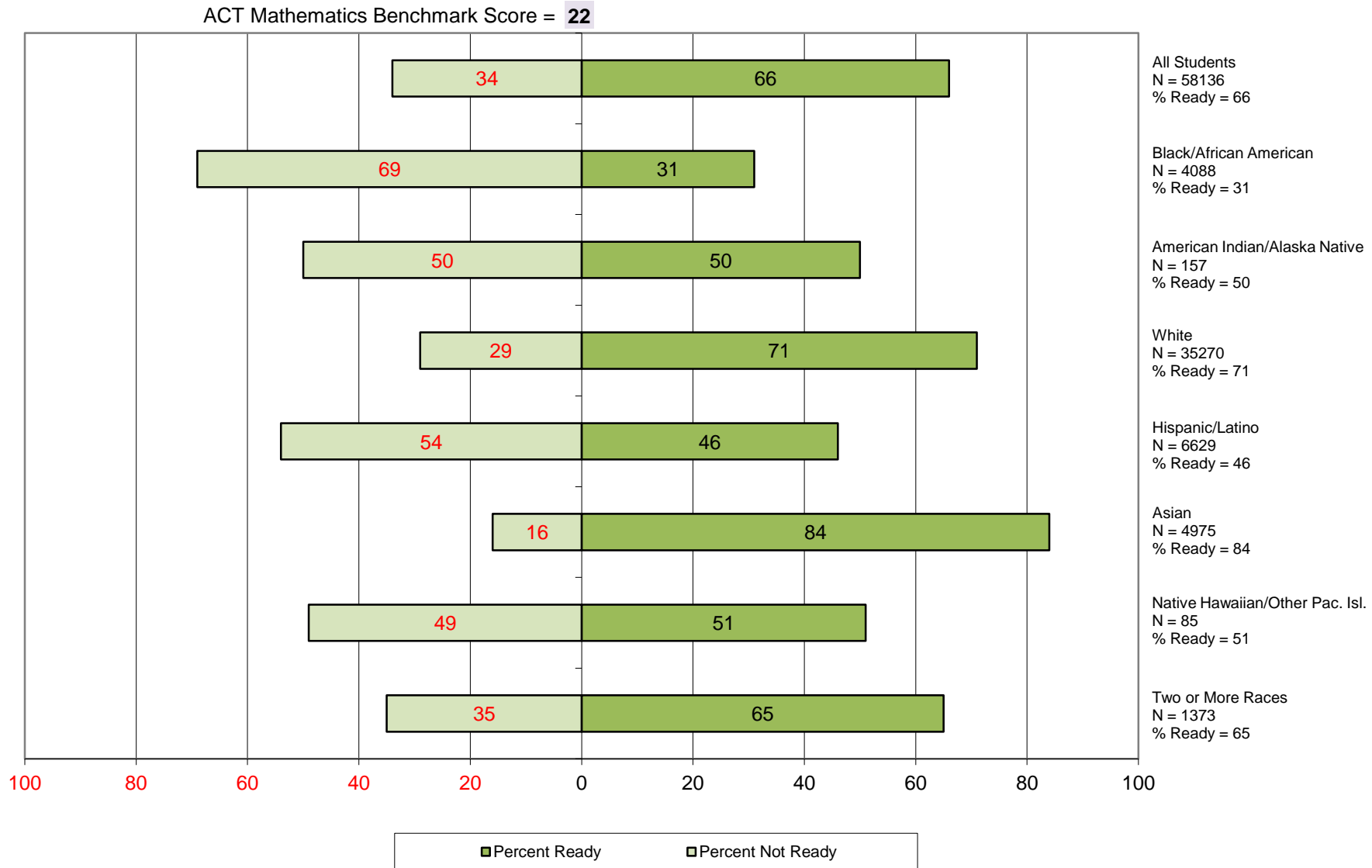


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

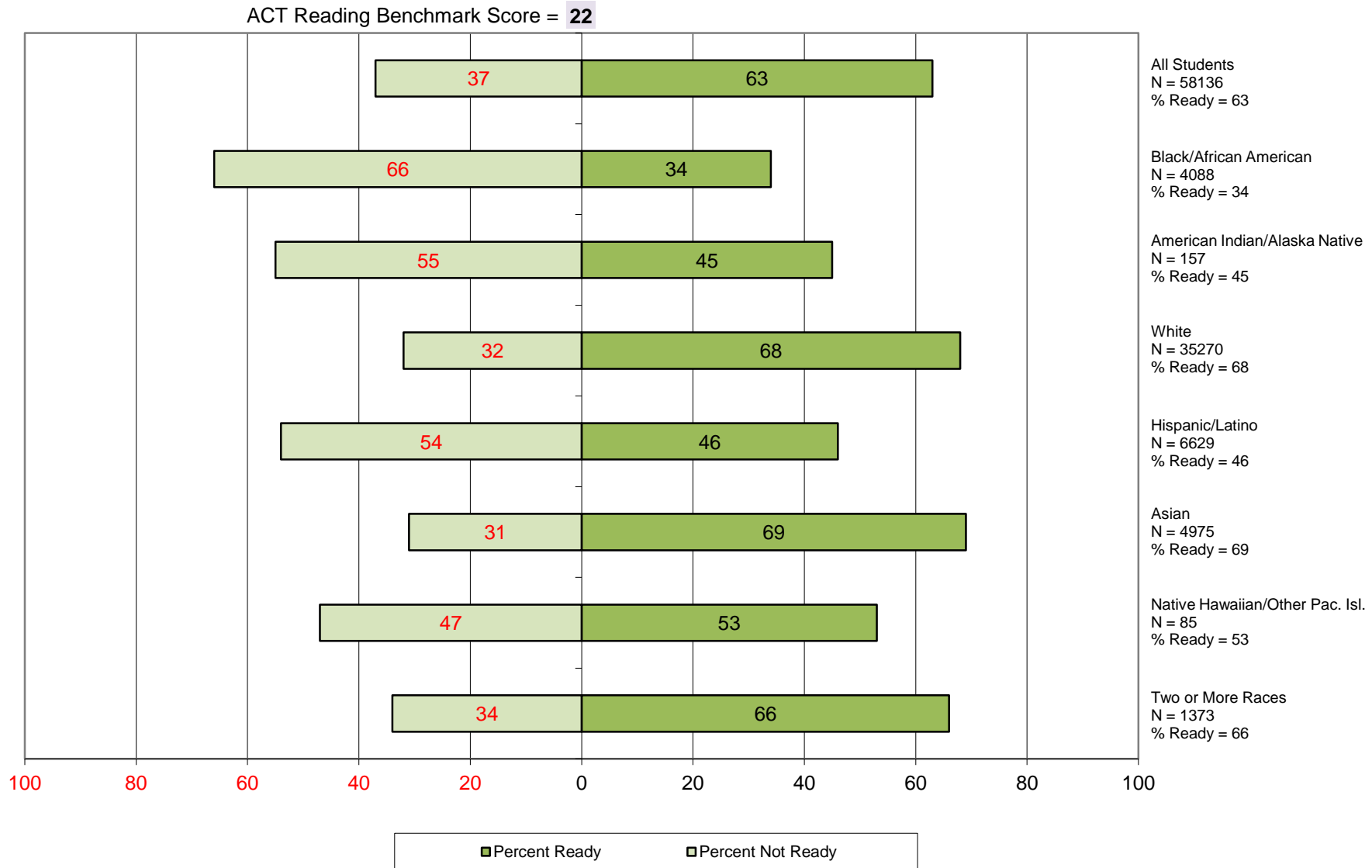


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

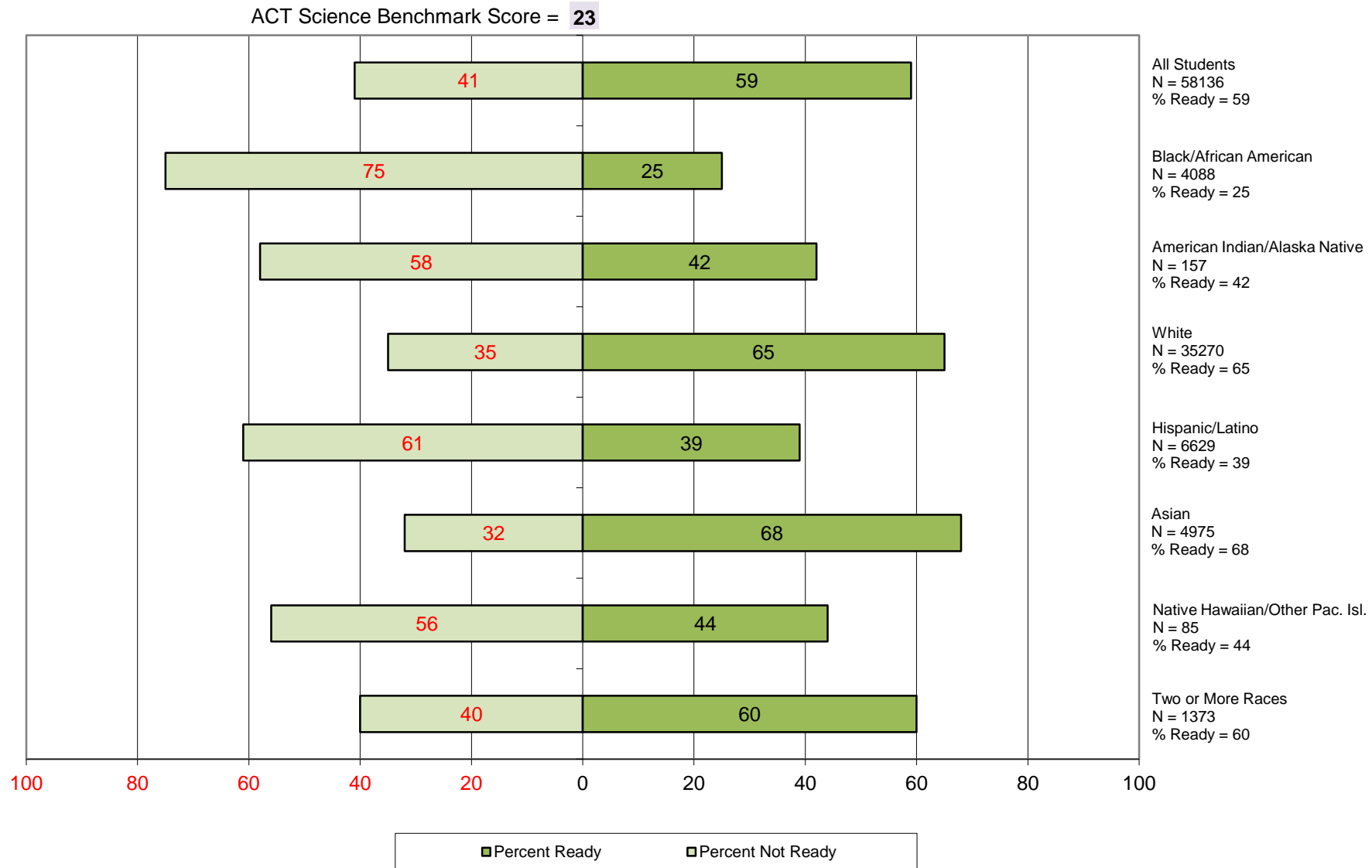
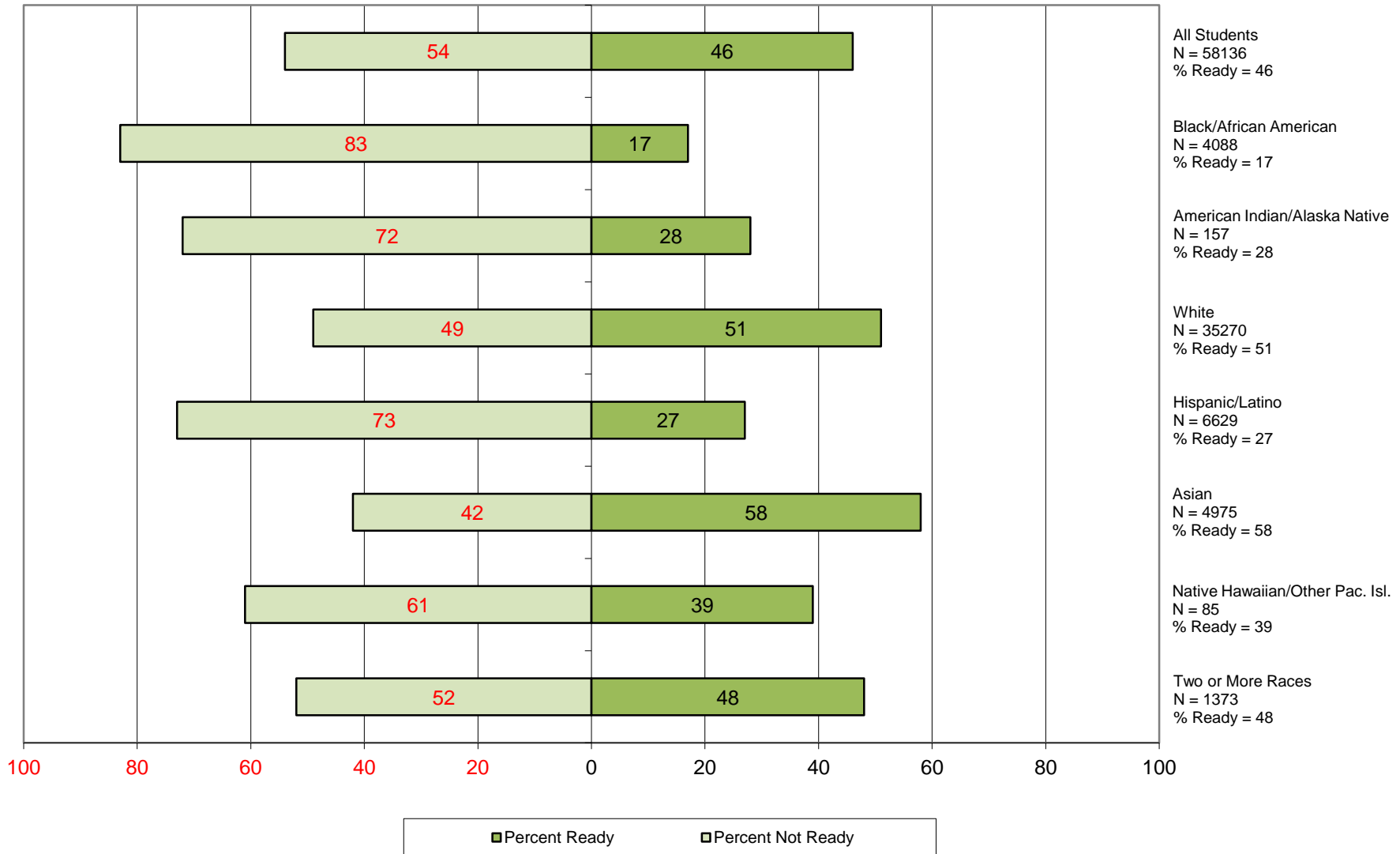


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 58,136

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	15,625	27	23.5	3.4	6,495	25	23.3	3.3	9,130	29	23.6	3.4
Eng 9, Eng 10, Eng 11, Eng 12	39,899	69	23.0	2.9	18,279	70	22.8	2.8	21,618	68	23.2	3.0
Less than 4 years of English	1,151	2	20.1	-	544	2	20.0	-	607	2	20.2	-
Zero years / no English courses reported	1,461	3	20.2	-	857	3	20.3	-	603	2	20.2	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	9,185	16	24.8	7.2	3,827	15	25.6	7.6	5,358	17	24.3	7.0
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,511	16	22.6	5.0	3,549	14	23.3	5.3	5,962	19	22.2	4.9
Alg 1, Alg 2, Geom, & Trig	7,012	12	20.1	2.5	2,807	11	20.7	2.7	4,205	13	19.7	2.4
Alg 1, Alg 2, Geom, & Other Adv Math	702	1	18.6	1.0	312	1	19.1	1.1	390	1	18.2	0.9
Other comb of 4 or more years of Math	26,007	45	25.9	8.3	12,888	49	26.6	8.6	13,119	41	25.3	8.0
Alg 1, Alg 2, & Geom	1,170	2	17.2	-0.4	524	2	17.4	-0.6	646	2	17.0	-0.3
Other comb of 3 or 3.5 years of Math	1,379	2	22.0	4.4	635	2	22.3	4.3	743	2	21.7	4.4
Less than 3 years of Math	1,706	3	17.6	-	771	3	18.0	-	934	3	17.3	-
Zero years / no Math courses reported	1,464	3	20.8	-	862	3	21.3	-	601	2	20.0	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,689	3	25.1	1.4	936	4	24.6	0.6	753	2	25.7	2.3
Other comb of 4 or more years Social Science	29,226	50	23.8	0.1	12,403	47	23.9	-0.1	16,823	53	23.7	0.3
US Hist, World Hist, & Am Gov	2,052	4	24.3	0.6	1,034	4	23.9	-0.1	1,018	3	24.8	1.4
Other comb of 3 or 3.5 years of Social Science	16,814	29	24.1	0.4	7,537	29	24.2	0.2	9,275	29	24.0	0.6
Less than 3 years of Social Science	6,887	12	23.7	-	3,403	13	24.0	-	3,484	11	23.4	-
Zero years / no Social Science courses reported	1,468	3	22.4	-	862	3	22.4	-	605	2	22.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	36,356	63	24.7	6.1	17,390	66	25.3	6.7	18,965	59	24.1	5.6
Bio, Chem, Phys	3,836	7	24.6	6.0	1,717	7	25.5	6.9	2,119	7	23.9	5.4
Gen Sci ² , Bio, Chem	11,439	20	21.4	2.8	3,989	15	21.5	2.9	7,450	23	21.4	2.9
Other comb of 3 years of Natural Science	1,259	2	21.0	2.4	653	2	21.9	3.3	606	2	20.0	1.5
Less than 3 years of Natural Science	3,756	6	18.6	-	1,553	6	18.6	-	2,202	7	18.5	-
Zero years / no Natural Science courses reported	1,490	3	21.8	-	873	3	22.3	-	616	2	21.1	-

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: 58,136

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	15,625	27	23.5	81	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	39,899	69	23.0	79	1,359,318	71	20.6	65
Less than 4 years of English	1,151	2	20.1	63	93,944	5	15.9	36
Zero years / no English courses reported	1,461	3	20.2	62	98,029	5	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	9,185	16	24.8	76	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,511	16	22.6	61	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	7,012	12	20.1	36	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	702	1	18.6	23	362,476	19	19.4	30
Other comb of 4 or more years of Math	26,007	45	25.9	80	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	1,170	2	17.2	11	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	1,379	2	22.0	54	95,502	5	19.8	34
Less than 3 years of Math	1,706	3	17.6	15	78,951	4	16.3	8
Zero years / no Math courses reported	1,464	3	20.8	41	102,364	5	17.8	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,689	3	25.1	69	48,944	3	22.3	51
Other comb of 4 or more years Social Science	29,226	50	23.8	62	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	2,052	4	24.3	66	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	16,814	29	24.1	64	527,956	27	21.4	46
Less than 3 years of Social Science	6,887	12	23.7	61	194,720	10	19.5	34
Zero years / no Social Science courses reported	1,468	3	22.4	50	102,027	5	18.1	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	36,356	63	24.7	68	807,744	42	22.2	48
Bio, Chem, Phys	3,836	7	24.6	68	217,893	11	23.2	55
Gen Sci ¹ , Bio, Chem	11,439	20	21.4	42	512,754	27	20.1	30
Other comb of 3 years of Natural Science	1,259	2	21.0	39	54,439	3	19.1	24
Less than 3 years of Natural Science	3,756	6	18.6	18	227,926	12	18.1	18
Zero years / no Natural Science courses reported	1,490	3	21.8	43	103,680	5	18.0	20

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: 58,136

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	503	1	22.8	28	4	18.7	422	1	23.0
Architecture	551	1	22.6	6	1	19.7	444	1	22.6
Area, Ethnic, & Multidisciplinary Studies	82	0	24.6	0	0	.	74	0	24.6
Arts: Visual & Performing	2,654	5	22.5	32	5	19.5	2,227	5	22.5
Business	7,217	12	23.1	148	21	20.3	5,907	13	23.2
Communications	1,534	3	22.9	4	1	19.8	1,321	3	22.7
Community, Family, & Personal Services	625	1	20.5	30	4	17.9	525	1	20.7
Computer Science & Mathematics	2,030	3	25.3	22	3	19.8	1,675	4	25.3
Education	2,326	4	21.5	17	2	19.1	2,008	4	21.5
Engineering	5,191	9	26.0	25	4	21.1	4,434	10	26.1
Engineering Technology & Drafting	536	1	22.1	26	4	17.6	423	1	22.4
English & Foreign Languages	733	1	24.9	3	0	19.3	613	1	24.8
Health Administration & Assisting	1,115	2	20.5	28	4	18.0	905	2	20.6
Health Sciences & Technologies	8,494	15	23.4	63	9	17.9	7,471	16	23.4
Philosophy, Religion, & Theology	117	0	22.6	2	0	14.5	98	0	22.5
Repair, Production, & Construction	158	0	18.5	71	10	18.0	70	0	19.6
Sciences: Biological & Physical	6,234	11	25.4	24	3	18.9	5,392	12	25.4
Social Sciences & Law	5,078	9	23.0	33	5	18.0	4,300	9	23.1
Undecided	11,807	20	23.8	122	18	19.1	8,229	18	23.9
No Response	1,147	2	21.7	6	1	21.0	68	0	22.2

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: 58,136

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	234	20.8	18	14.8	1	16.0	128	21.7	28	18.6
2-yr College Degree	456	18.1	34	14.1	6	16.3	325	18.5	43	17.1
Bachelors Degree	18,801	21.9	1,237	17.7	70	20.4	12,786	22.6	2,120	19.9
Graduate Study	13,900	24.7	750	20.6	31	21.9	9,558	25.1	1,332	22.5
Prof. Level Degree	13,909	25.3	1,346	20.8	30	22.7	7,296	26.3	1,786	22.6
Other	755	22.0	70	17.6	1	19.0	395	22.9	95	19.2
No Response	10,081	23.7	633	18.4	18	19.7	4,782	25.0	1,225	19.5

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	234	20.8	41	21.9	0	.	5	21.6	13	21.2
2-yr College Degree	456	18.1	13	19.8	1	17.0	11	20.2	23	19.1
Bachelors Degree	18,801	21.9	1,066	23.1	29	20.4	430	22.1	1,063	22.3
Graduate Study	13,900	24.7	878	26.1	16	22.4	318	24.6	1,017	25.0
Prof. Level Degree	13,909	25.3	1,770	26.8	30	24.0	399	25.4	1,252	26.2
Other	755	22.0	95	24.3	1	18.0	17	21.2	81	22.3
No Response	10,081	23.7	1,112	26.1	8	22.4	193	24.6	2,110	23.5

Total Students in Report: 58,136

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY AT BUFFALO/SUNY	New York	1,765	595	1,170	0	3	14	31	31	17	3
STONY BROOK UNIVERSITY/SUNY	New York	1,482	512	970	0	4	15	28	29	20	3
BINGHAMTON UNIVERSITY-SUNY	New York	1,463	398	1,065	0	2	8	23	35	27	5
ROCHESTER INST OF TECHNOLOGY	New York	884	335	549	0	3	8	19	34	30	6
UNIVERSITY AT ALBANY/SUNY	New York	850	224	626	0	5	21	36	26	11	1
SYRACUSE UNIVERSITY	New York	817	234	583	0	4	14	27	34	18	3
CORNELL UNIVERSITY	New York	801	311	490	0	1	5	14	28	36	16
CITY UNIVERSITY OF NEW YORK	New York	777	457	320	4	16	25	24	18	11	1
NEW YORK UNIVERSITY	New York	725	244	481	1	3	12	23	31	25	6
STATE UNIV OF NY COLL AT BROCKPORT	New York	660	190	470	0	4	25	40	24	6	0
STATE UNIV OF NY COLL AT CORTLAND	New York	631	193	438	1	3	24	40	25	6	0
STATE UNIV OF NY COLL AT OSWEGO	New York	618	181	437	0	4	22	40	25	8	0
STATE UNIV OF NY COLL AT GENESEO	New York	609	164	445	0	1	6	24	35	31	3
STATE UNIV OF NY COLL AT ONEONTA	New York	582	138	444	0	4	22	42	25	7	0
STATE UNIV OF NEW YORK AT NEW PALTZ	New York	533	120	413	1	2	18	38	28	12	1
NCAA ELIGIBILITY CENTER	Indiana	507	345	162	0	5	20	31	28	13	2
STATE UNIV OF NY COLL AT BUFFALO	New York	432	85	347	2	9	26	38	18	6	0
STATE UNIV OF NY COLL AT FREDONIA	New York	421	119	302	0	5	18	37	27	12	1
UNIVERSITY OF ROCHESTER	New York	421	117	304	0	1	5	14	32	38	10
HOFSTRA UNIVERSITY	New York	412	97	315	0	4	19	35	26	14	1
ST JOHN FISHER COLLEGE	New York	411	114	297	1	3	17	38	29	11	0
CLARKSON UNIVERSITY	New York	387	110	277	0	2	3	24	37	31	4
BOSTON UNIVERSITY	Massachusetts	386	95	291	0	1	5	20	34	34	6
FORDHAM UNIVERSITY	New York	384	91	293	1	4	9	26	36	22	4
ITHACA COLLEGE	New York	384	92	292	0	2	12	31	36	17	2
NORTHEASTERN UNIVERSITY	Massachusetts	365	87	278	0	0	3	12	34	43	8
CANISIUS COLLEGE	New York	356	97	259	1	4	15	35	31	13	1
FARMINGDALE STATE COLLEGE	New York	344	108	236	2	13	37	32	12	3	0
LE MOYNE COLLEGE	New York	344	104	240	0	2	15	37	33	13	0
RENSSELAER POLYTECHNIC INSTITUTE	New York	337	69	268	0	1	3	14	29	40	12
All Other Institutions		26,804	7,914	18,890	1	5	18	27	26	19	4
Total		45,892	13,940	31,952	1	4	17	28	27	19	4

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: 58,136

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

	N		Average ACT Scores					
	State	National	English		Essay		English/Writing Combined	
			State	National	State	National	State	National
All Students	46,338	1,108,908	23.7	21.0	7.6	6.9	22.9	20.2
Black/African American	3,204	136,380	19.1	16.3	7.0	6.0	18.9	15.9
American Indian/Alaska Native	114	7,142	20.2	16.5	7.2	5.9	19.9	16.0
White	27,374	567,060	24.4	22.8	7.7	7.1	23.4	21.8
Hispanic/Latino	5,418	196,970	20.7	18.4	7.4	6.7	20.5	18.1
Asian	4,399	68,736	25.4	23.9	7.9	7.6	24.4	23.0
Native Hawaiian/Other Pac. Isl.	77	4,070	22.1	18.0	7.7	6.5	21.8	17.6
Two or more races	1,100	45,517	24.4	21.3	7.7	6.9	23.4	20.4
Prefer not/No Response	4,652	83,033	24.4	20.8	7.6	6.7	23.4	19.9
Males	20,360	507,737	23.6	20.7	7.5	6.6	22.6	19.7
Females	25,978	590,537	23.8	21.4	7.7	7.1	23.0	20.8
Missing	0	10,634	.	16.0	.	5.6	.	15.4

