

ACT Profile Report - State

Graduating Class 2014

New York



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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 2014 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2014. Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included in the report.

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

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

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

43% 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: 54,496 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. 79% 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, 14% were college ready. 2% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 9% of these students were college ready. In comparison, 70% 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. 17% of these students were college ready. In comparison, 58% 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 25% 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

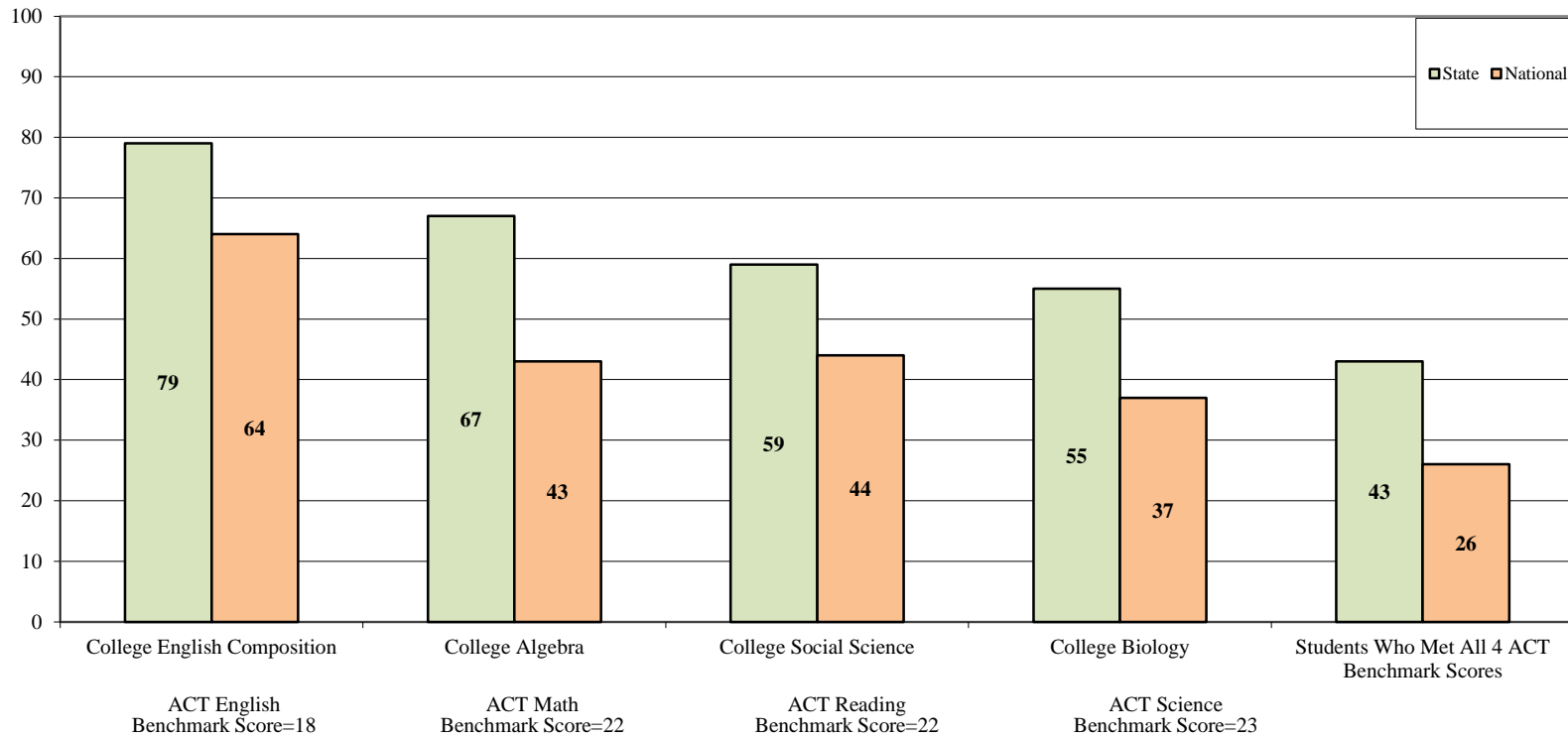
Executive Summary

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: 54,496

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

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
	State	National	State	National	State	National	State	National	State	National	State	National
2010	50,262	1,568,835	80	66	66	43	66	52	46	29	40	24
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

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
	State	National	State	National	State	National	State	National	State	National	State	National
2010	50,262	1,568,835	22.7	20.5	23.6	21.0	23.3	21.3	23.1	20.9	23.3	21.0
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

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores				
	State	National	English	Mathematics	Reading	Science	Composite
2010	50,262	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	52,255	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	52,771	1,666,017	20.5	21.1	21.3	20.9	21.1
2013	53,287	1,799,243	20.2	20.9	21.1	20.7	20.9
2014	54,496	1,845,787	20.3	20.9	21.3	20.8	21.0

Total Students in Report: 54,496

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

Year	Number of Students Tested		Percent ²		Average ACT Scores									
					English		Mathematics		Reading		Science		Composite	
	Core or More ¹	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2010	39,801	9,509	79	19	23.3	20.5	24.2	21.3	23.9	21.3	23.6	21.2	23.9	21.2
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

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

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

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

	2010			2011			2012			2013			2014		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	50,262	100	23.3	52,255	100	23.4	52,771	100	23.3	53,287	100	23.4	54,496	100	23.4
Black/African American	3,515	7	18.7	3,562	7	19.0	3,716	7	18.8	3,498	7	19.2	3,700	7	19.0
American Indian/Alaska Native	162	0	21.4	157	0	21.6	145	0	20.8	156	0	20.7	140	0	21.5
White	34,501	69	23.8	35,332	68	23.9	34,694	66	24.0	34,273	64	24.0	34,150	63	24.1
Hispanic/Latino	3,586	7	20.4	4,724	9	20.6	5,454	10	20.6	5,514	10	21.0	6,106	11	21.0
Asian	3,220	6	25.6	3,522	7	25.5	3,680	7	25.4	3,707	7	25.3	4,264	8	25.1
Native Hawaiian/Other Pacific Islander	0	0	.	45	0	22.2	60	0	22.8	79	0	22.8	77	0	22.5
Two or more races	1,119	2	22.8	1,082	2	23.4	1,062	2	23.8	1,113	2	23.7	1,237	2	23.9
Prefer not to respond/No response	4,159	8	23.5	3,831	7	23.8	3,960	8	23.9	4,947	9	23.7	4,822	9	23.9

Total Students in Report: 54,496

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



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	51,835	95	22.8	23.9	23.6	23.2	23.5
	Extended Time	2,661	5	21.4	21.8	23.4	22.3	22.3
	Total	54,496	100	22.7	23.8	23.6	23.2	23.4
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	80	68	60	56	43
	Extended Time	69	48	56	45	34
	Total	79	67	59	55	43
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: 54,496

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	269	100	327	100	617	100	742	100	73	100	36
35	1,287	100	814	99	781	99	746	99	397	100	35
34	1,467	97	1,165	98	1,480	97	932	97	839	99	34
33	1,345	94	1,049	96	1,775	95	836	96	1,051	98	33
32	1,218	92	1,113	94	2,384	91	963	94	1,385	96	32
31	1,285	90	1,183	92	2,213	87	1,421	92	1,610	93	31
30	1,970	87	1,618	90	2,486	83	1,157	90	2,060	90	30
29	1,745	84	2,757	87	2,057	78	896	88	2,383	86	29
28	1,731	81	3,149	82	2,116	75	1,837	86	2,663	82	28
27	2,377	77	3,568	76	2,213	71	3,651	83	3,142	77	27
26	2,603	73	4,322	69	2,471	67	2,517	76	3,360	71	26
25	3,209	68	4,892	61	2,392	62	4,888	71	3,753	65	25
24	3,775	62	4,112	52	2,734	58	4,343	62	4,037	58	24
23	3,035	55	3,806	45	3,837	53	5,173	54	4,054	51	23
22	3,803	50	2,526	38	2,835	46	4,349	45	3,929	43	22
21	3,757	43	2,165	33	4,662	41	3,649	37	3,674	36	21
20	3,561	36	2,068	29	3,129	32	3,715	30	3,320	30	20
19	2,715	29	2,043	25	3,039	26	3,489	23	2,907	23	19
18	1,946	24	2,846	22	2,124	21	2,009	17	2,578	18	18
17	1,844	21	3,054	16	2,254	17	1,875	13	2,056	13	17
16	1,934	18	3,123	11	1,557	13	1,451	10	1,689	10	16
15	2,428	14	1,690	5	1,429	10	995	7	1,320	6	15
14	1,445	10	662	2	1,179	7	836	5	933	4	14
13	938	7	275	1	1,128	5	640	4	660	2	13
12	838	5	92	1	756	3	442	3	342	1	12
11	725	4	49	1	519	2	335	2	163	1	11
10	524	2	13	1	148	1	284	1	76	1	10
9	330	1	3	1	95	1	150	1	22	1	9
8	215	1	5	1	21	1	83	1	16	1	8
7	96	1	1	1	30	1	50	1	3	1	7
6	44	1	4	1	19	1	20	1	0	1	6
5	25	1	0	1	5	1	3	1	1	1	5
4	5	1	1	1	9	1	10	1	0	1	4
3	5	1	1	1	0	1	5	1	0	1	3
2	2	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	1	1	4	1	0	1	1
Avg (SD)	22.7 (6.2)		23.8 (5.3)		23.6 (6.1)		23.2 (5.3)		23.4 (5.2)		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: 54,496

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	3,457	100	1,059	100	1,967	100	3,006	100	3,593	100	875	100	933	100	18
17	4,339	94	1,476	98	4,081	96	5,568	94	4,001	93	1,658	98	823	98	17
16	2,891	86	3,638	95	4,950	89	5,023	84	4,787	86	2,627	95	4,001	97	16
15	3,477	80	5,386	89	3,238	80	3,566	75	4,498	77	5,152	91	5,746	89	15
14	3,073	74	5,480	79	5,657	74	3,651	69	5,634	69	7,236	81	5,568	79	14
13	4,587	68	6,178	69	5,131	63	4,799	62	6,105	59	7,715	68	7,239	69	13
12	4,492	60	5,709	57	4,944	54	5,769	53	7,060	47	8,502	54	6,212	55	12
11	5,629	52	6,339	47	4,825	45	4,735	42	3,535	35	4,590	38	6,970	44	11
10	5,587	41	5,088	35	5,458	36	3,916	34	3,255	28	7,027	30	5,691	31	10
9	5,086	31	5,019	26	3,951	26	5,650	27	3,801	22	3,251	17	4,672	21	9
8	3,465	22	3,827	17	4,746	19	2,628	16	3,462	15	2,612	11	2,783	12	8
7	2,500	15	1,907	10	2,287	10	2,344	11	2,712	9	1,470	6	1,751	7	7
6	2,447	11	1,319	6	1,750	6	1,562	7	1,233	4	954	3	917	4	6
5	1,728	6	1,125	4	806	3	1,524	4	488	2	361	2	494	2	5
4	993	3	661	2	308	1	508	1	186	1	187	1	276	1	4
3	520	1	221	1	176	1	192	1	109	1	212	1	231	1	3
2	193	1	59	1	144	1	50	1	32	1	18	1	92	1	2
1	32	1	5	1	77	1	5	1	5	1	49	1	97	1	1
Avg (SD)	11.5 (3.9)		11.7 (3.2)		12.0 (3.5)		12.2 (3.7)		12.5 (3.4)		12.1 (2.8)		11.9 (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	23	23
Q1 (25th Percentile)	19	19	19	20	20

Total Students in Report: 54,496

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	54,496	79	23.9	21.6
	Black/African American	3,700	70	19.7	17.3
	American Indian/Alaska Native	140	72	22.2	20.0
	White	34,150	82	24.5	22.5
	Hispanic/Latino	6,106	75	21.6	19.3
	Asian	4,264	81	25.4	23.9
	Native Hawaiian/Other Pac. Isl.	77	84	22.8	20.5
	Two or more races	1,237	80	24.2	22.4
	Prefer not/No Response	4,822	67	24.7	22.7
National	All Students	1,845,787	73	21.8	18.9
	Black/African American	241,678	68	17.6	15.7
	American Indian/Alaska Native	14,263	62	19.0	16.5
	White	1,038,435	76	23.1	20.2
	Hispanic/Latino	281,216	71	19.5	17.3
	Asian	80,370	79	24.2	21.6
	Native Hawaiian/Other Pac. Isl.	5,676	65	20.0	16.6
	Two or more races	70,013	74	22.0	19.2
	Prefer not/No Response	114,136	56	22.6	18.5

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

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	22.7	23.8	23.6	23.2	23.4
	Black/African American	17.9	19.4	19.3	18.7	19.0
	American Indian/Alaska Native	20.2	21.9	22.0	21.4	21.5
	White	23.4	24.2	24.3	23.9	24.1
	Hispanic/Latino	20.1	21.4	21.3	20.7	21.0
	Asian	24.2	26.9	24.3	24.5	25.1
	Native Hawaiian/Other Pac. Isl.	21.8	23.1	22.8	21.7	22.5
	Two or more races	23.3	23.8	24.5	23.4	23.9
	Prefer not/No Response	23.4	24.1	24.2	23.5	23.9
National	All Students	20.3	20.9	21.3	20.8	21.0
	Black/African American	15.8	17.2	17.3	17.0	17.0
	American Indian/Alaska Native	16.6	18.1	18.4	18.3	18.0
	White	22.0	22.0	22.8	22.1	22.3
	Hispanic/Latino	17.7	19.2	19.1	18.8	18.8
	Asian	22.8	24.9	22.8	23.2	23.5
	Native Hawaiian/Other Pac. Isl.	17.5	19.2	18.7	18.6	18.6
	Two or more races	20.6	20.9	21.7	21.0	21.2
	Prefer not/No Response	20.0	20.7	21.1	20.5	20.7

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	4,368	8	3,355	6	4,653	9	3,256	6
	28 to 32	7,949	15	9,820	18	11,256	21	6,274	12
	24 to 27	11,964	22	16,894	31	9,810	18	15,399	28
	20 to 23	14,156	26	10,565	19	14,463	27	16,886	31
	16 to 19	8,439	15	11,066	20	8,974	16	8,824	16
	13 to 15	4,811	9	2,627	5	3,736	7	2,471	5
	01 to 12	2,809	5	169	0	1,604	3	1,386	3
National	33 to 36	92,922	5	55,103	3	97,714	5	55,222	3
	28 to 32	185,768	10	174,260	9	257,722	14	128,357	7
	24 to 27	302,723	16	383,630	21	263,034	14	367,160	20
	20 to 23	431,178	23	336,283	18	445,726	24	542,581	29
	16 to 19	330,518	18	616,601	33	409,685	22	448,064	24
	13 to 15	264,127	14	266,401	14	240,948	13	186,262	10
	01 to 12	238,551	13	13,509	1	130,958	7	118,141	6

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	24,128	44	22.6	24.5	23.5	23.8	23.7
	Females	30,368	56	22.9	23.2	23.7	22.6	23.2
	Missing	0	0
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	78	71	59	60	46
	Females	80	63	60	52	40
National	Males	62	47	43	40	29
	Females	66	40	45	34	25

Total Students in Report: 54,496

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	42,937	83	23.3	72	24.3	63	24.1	59	23.6	46	23.9
	Less than Core	10,221	66	20.8	50	21.9	48	21.9	42	21.5	31	21.6
	Missing ³	1,338	60	19.9	41	20.8	48	21.9	41	21.7	27	21.2
National	Core or More	1,347,997	71	21.4	50	21.7	50	22.2	42	21.6	31	21.8
	Less than Core	405,073	48	17.9	27	18.9	30	19.2	23	18.9	15	18.9
	Missing	92,717	36	16.0	18	17.7	23	17.7	16	17.6	10	17.4

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

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

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

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

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

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More ²	52,239	80	22.9	51,531	69	24.0	46,997	60	23.7	49,752	58	23.5
	Less than Core	948	62	20.0	1,658	14	17.5	6,192	58	23.4	3,425	17	18.3
	Missing ³	1,309	61	19.9	1,307	41	20.8	1,307	48	22.0	1,319	41	21.7
National	Core or More	1,676,095	67	20.8	1,686,194	46	21.3	1,580,108	47	21.7	1,538,158	41	21.4
	Less than Core	88,420	36	15.9	74,627	8	16.4	180,385	32	19.4	220,701	17	18.1
	Missing	81,272	38	16.3	84,966	19	17.8	85,294	24	17.8	86,928	17	17.7

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

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

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

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

Section III

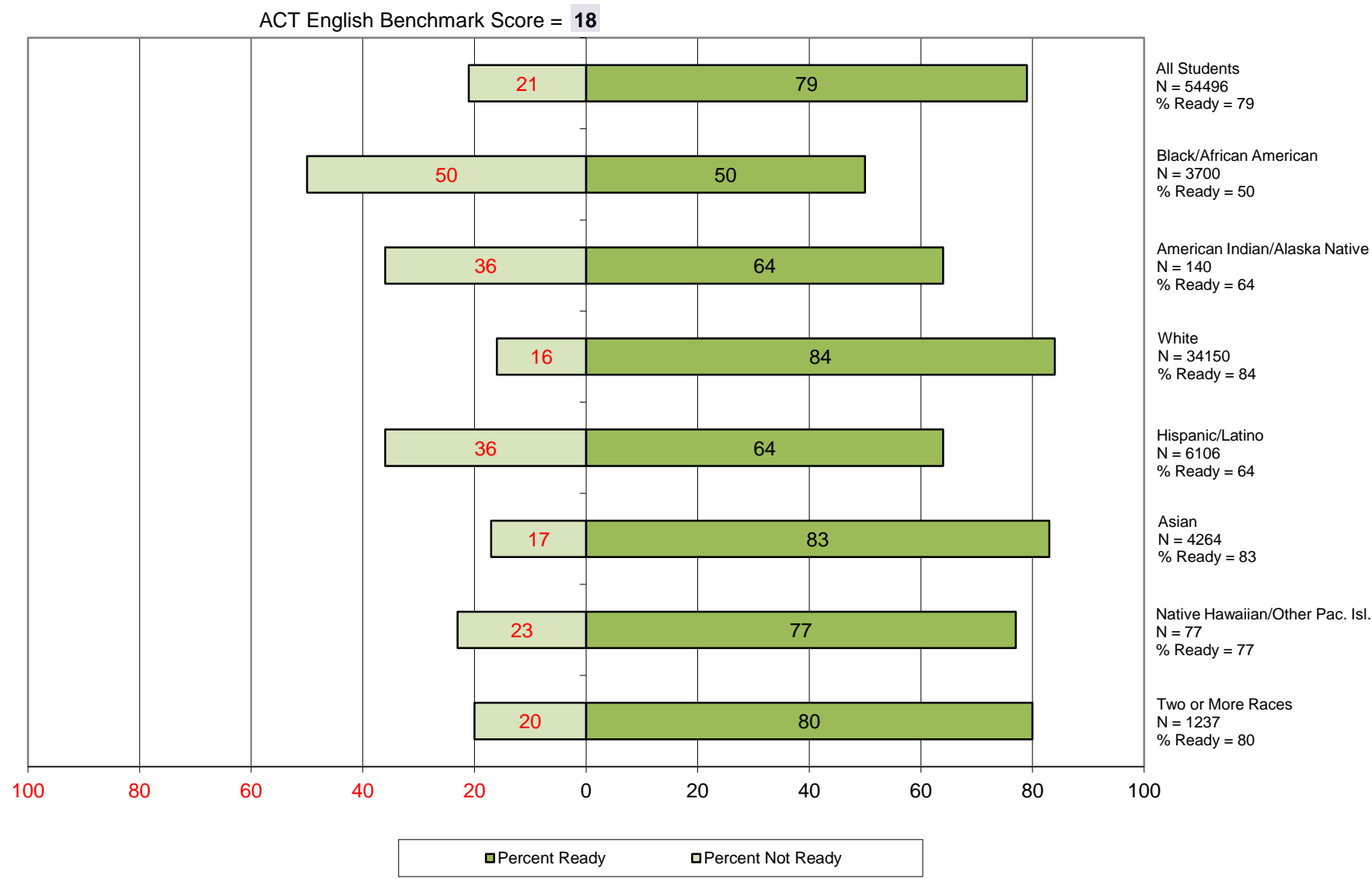
College Readiness and the Impact of Course Rigor

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

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

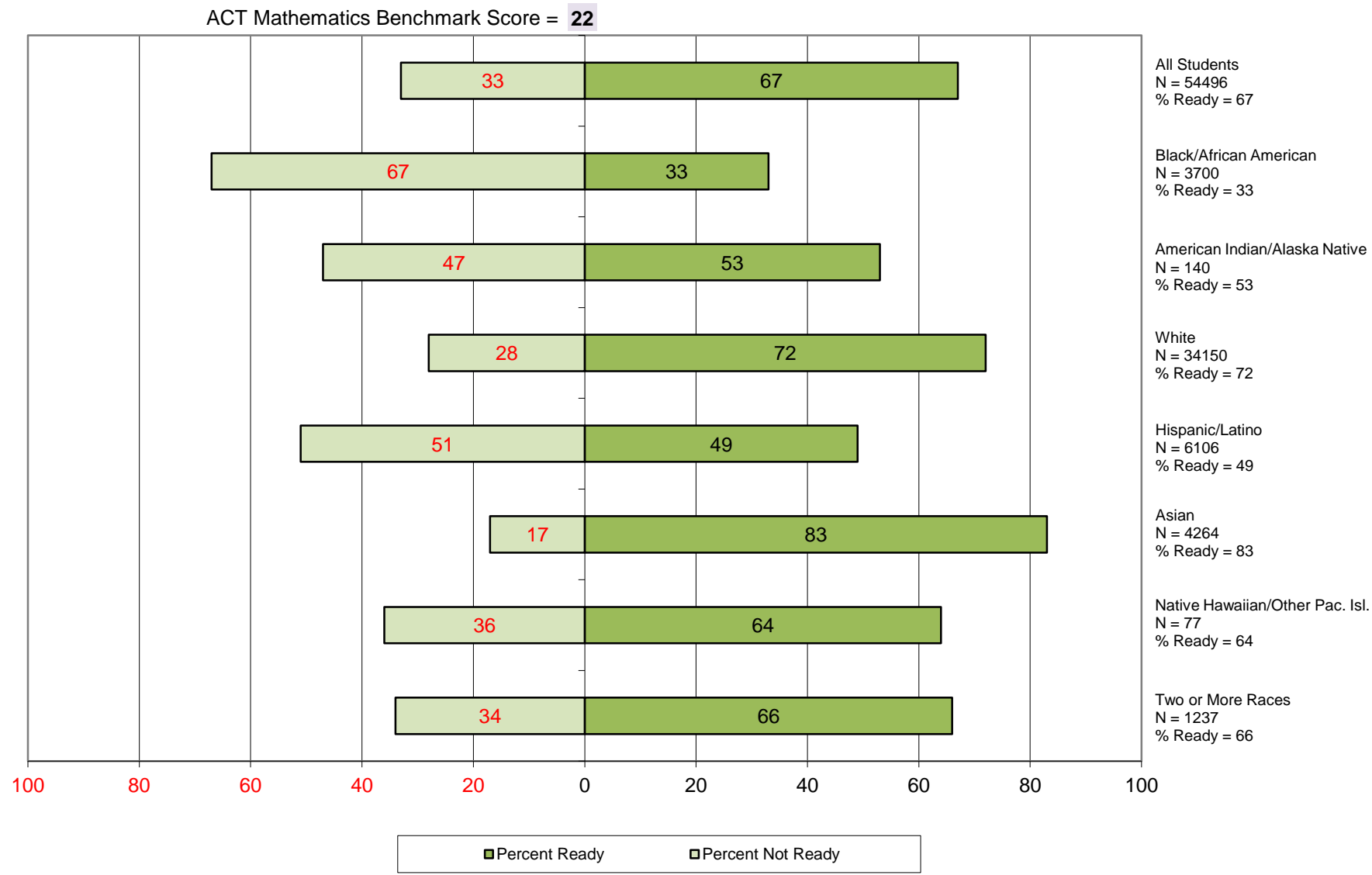
Total Students in Report: 54,496

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



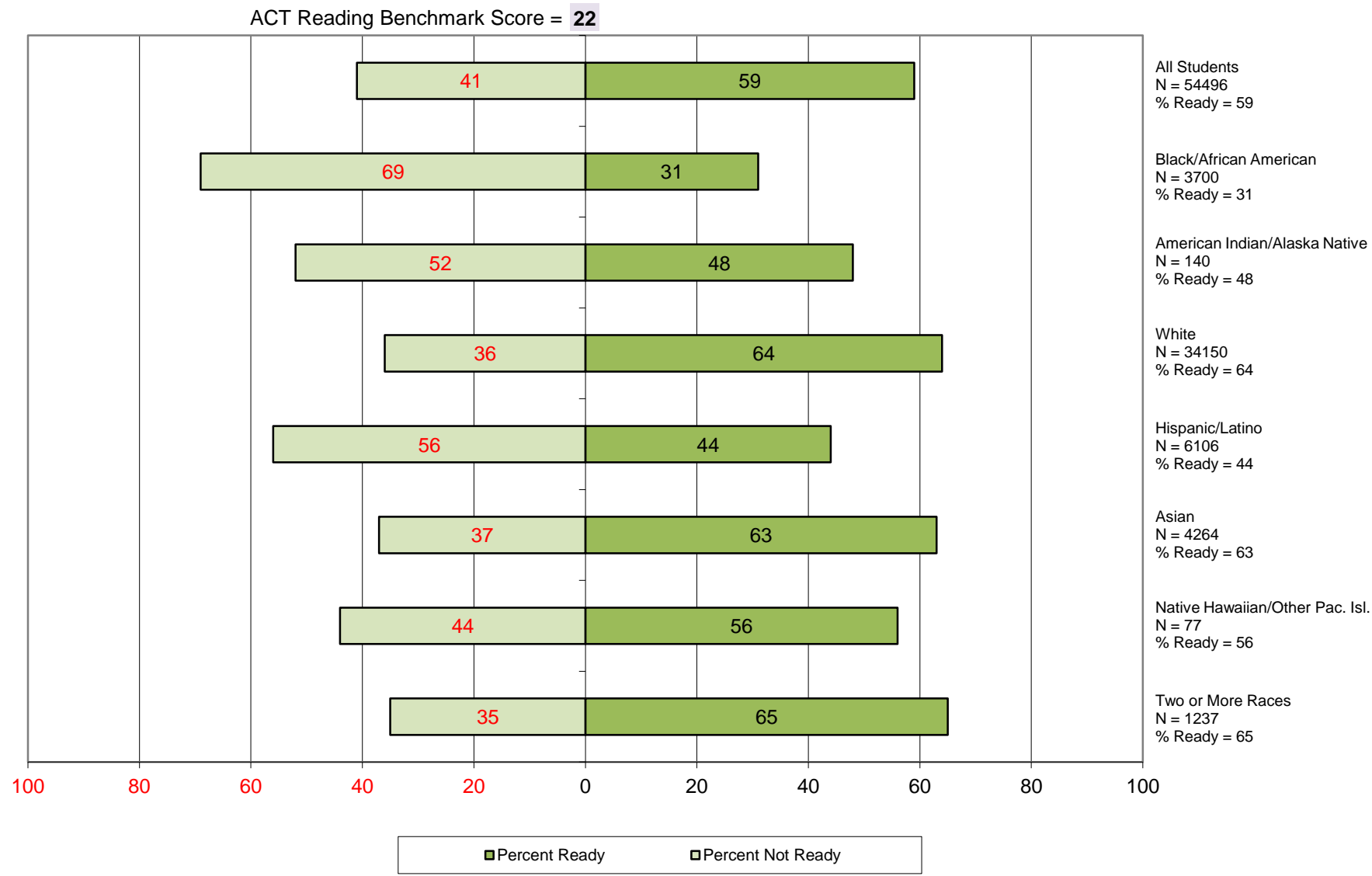
Total Students in Report: 54,496

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



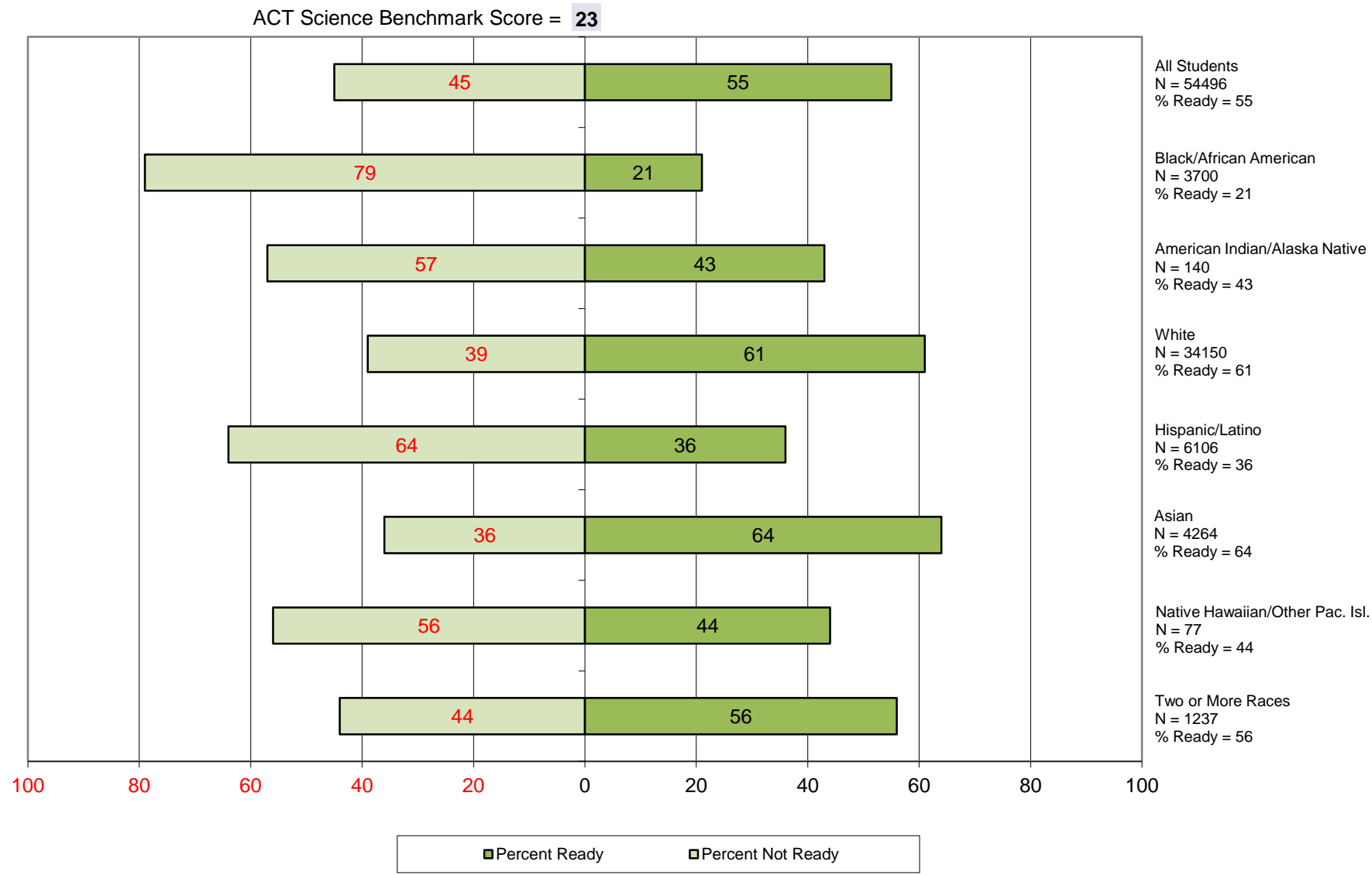
Total Students in Report: 54,496

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



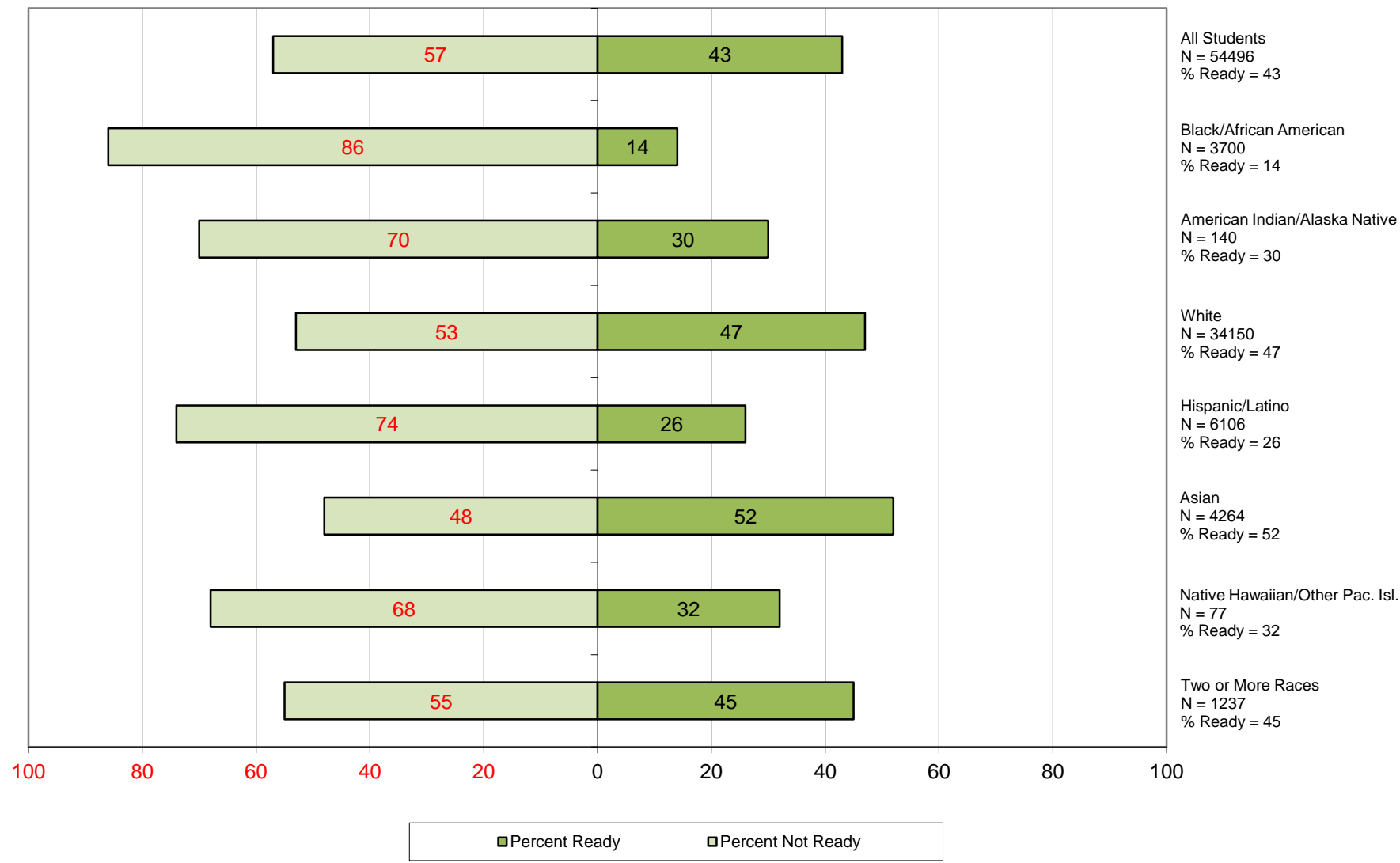
Total Students in Report: 54,496

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



Total Students in Report: 54,496

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



Total Students in Report: 54,496

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	14,573	27	23.2	3.2	6,071	25	23.0	3.1	8,502	28	23.3	3.2
Eng 9, Eng 10, Eng 11, Eng 12	37,666	69	22.7	2.7	16,863	70	22.6	2.7	20,803	69	22.8	2.7
Less than 4 years of English	948	2	20.0	-	417	2	19.9	-	531	2	20.1	-
Zero years / no English courses reported	1,309	2	19.9	-	777	3	19.7	-	532	2	20.3	-
MATHEMATICS COURSE PATTERN												
	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹
Alg 1, Alg 2, Geom, Trig, & Calc	9,028	17	25.0	7.5	3,752	16	25.7	7.8	5,276	17	24.5	7.3
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,173	17	22.8	5.3	3,287	14	23.5	5.6	5,886	19	22.3	5.1
Alg 1, Alg 2, Geom, & Trig	6,775	12	20.1	2.6	2,584	11	20.6	2.7	4,191	14	19.8	2.6
Alg 1, Alg 2, Geom, & Other Adv Math	712	1	18.9	1.4	312	1	19.0	1.1	400	1	18.7	1.5
Other comb of 4 or more years of Math	23,498	43	25.9	8.4	11,596	48	26.6	8.7	11,902	39	25.3	8.1
Alg 1, Alg 2, & Geom	1,119	2	17.0	-0.5	521	2	17.3	-0.6	598	2	16.7	-0.5
Other comb of 3 or 3.5 years of Math	1,226	2	21.9	4.4	570	2	21.9	4.0	656	2	22.0	4.8
Less than 3 years of Math	1,658	3	17.5	-	732	3	17.9	-	926	3	17.2	-
Zero years / no Math courses reported	1,307	2	20.8	-	774	3	21.3	-	533	2	20.1	-
SOCIAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹
US Hist, World Hist, Am Gov, & Other Hist	1,619	3	24.5	1.1	923	4	24.0	0.5	696	2	25.3	2.0
Other comb of 4 or more years Social Science	28,216	52	23.5	0.1	11,922	49	23.4	-0.1	16,294	54	23.6	0.3
US Hist, World Hist, & Am Gov	1,782	3	24.2	0.8	858	4	24.0	0.5	924	3	24.3	1.0
Other comb of 3 or 3.5 years of Social Science	15,380	28	23.9	0.5	6,735	28	23.8	0.3	8,645	28	24.0	0.7
Less than 3 years of Social Science	6,192	11	23.4	-	2,912	12	23.5	-	3,280	11	23.3	-
Zero years / no Social Science courses reported	1,307	2	22.0	-	778	3	21.9	-	529	2	22.2	-
NATURAL SCIENCE COURSE PATTERN												
	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹
Gen Sci ² , Bio, Chem, & Phys	34,230	63	24.3	6.0	16,176	67	24.9	6.6	18,054	59	23.7	5.4
Bio, Chem, Phys	3,492	6	24.3	6.0	1,474	6	25.4	7.1	2,018	7	23.5	5.2
Gen Sci ² , Bio, Chem	10,940	20	21.2	2.9	3,699	15	21.3	3.0	7,241	24	21.1	2.8
Other comb of 3 years of Natural Science	1,090	2	20.7	2.4	568	2	21.2	2.9	522	2	20.1	1.8
Less than 3 years of Natural Science	3,425	6	18.3	-	1,433	6	18.3	-	1,992	7	18.3	-
Zero years / no Natural Science courses reported	1,319	2	21.7	-	778	3	22.2	-	541	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: 54,496

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	14,573	27	23.2	81	370,875	20	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	37,666	69	22.7	79	1,305,220	71	20.5	65
Less than 4 years of English	948	2	20.0	62	88,420	5	15.9	36
Zero years / no English courses reported	1,309	2	19.9	61	81,272	4	16.3	38
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	9,028	17	25.0	79	118,677	6	23.8	67
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	9,173	17	22.8	65	157,764	9	21.8	55
Alg 1, Alg 2, Geom, & Trig	6,775	12	20.1	38	120,160	7	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	712	1	18.9	25	356,555	19	19.4	31
Other comb of 4 or more years of Math	23,498	43	25.9	81	622,896	34	23.7	65
Alg 1, Alg 2, & Geom	1,119	2	17.0	9	220,037	12	17.1	11
Other comb of 3 or 3.5 years of Math	1,226	2	21.9	54	90,105	5	19.8	35
Less than 3 years of Math	1,658	3	17.5	14	74,627	4	16.4	8
Zero years / no Math courses reported	1,307	2	20.8	41	84,966	5	17.8	19
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,619	3	24.5	64	48,992	3	22.3	50
Other comb of 4 or more years Social Science	28,216	52	23.5	59	921,129	50	22.2	50
US Hist, World Hist, & Am Gov	1,782	3	24.2	62	105,110	6	19.6	33
Other comb of 3 or 3.5 years of Social Science	15,380	28	23.9	61	504,877	27	21.3	43
Less than 3 years of Social Science	6,192	11	23.4	58	180,385	10	19.4	32
Zero years / no Social Science courses reported	1,307	2	22.0	48	85,294	5	17.8	24
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	34,230	63	24.3	65	781,043	42	22.1	46
Bio, Chem, Phys	3,492	6	24.3	63	199,419	11	23.1	54
Gen Sci ¹ , Bio, Chem	10,940	20	21.2	39	505,460	27	20.0	28
Other comb of 3 years of Natural Science	1,090	2	20.7	36	52,236	3	19.2	24
Less than 3 years of Natural Science	3,425	6	18.3	17	220,701	12	18.1	17
Zero years / no Natural Science courses reported	1,319	2	21.7	41	86,928	5	17.7	17

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

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

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

Total Students in Report: 54,496

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	441	1	22.5	24	4	18.0	368	1	22.8
Architecture	547	1	23.0	3	0	20.7	458	1	22.9
Area, Ethnic, & Multidisciplinary Studies	84	0	24.1	0	0	.	73	0	24.2
Arts: Visual & Performing	2,581	5	22.2	40	6	18.6	2,182	5	22.4
Business	6,404	12	23.0	123	19	19.9	5,389	12	23.0
Communications	1,564	3	22.7	12	2	17.4	1,376	3	22.6
Community, Family, & Personal Services	622	1	20.1	32	5	17.8	520	1	20.3
Computer Science & Mathematics	1,637	3	24.8	32	5	19.2	1,381	3	24.8
Education	2,543	5	21.8	13	2	17.2	2,221	5	21.9
Engineering	4,609	8	25.6	38	6	20.3	3,963	9	25.7
Engineering Technology & Drafting	457	1	21.9	19	3	17.1	386	1	22.2
English & Foreign Languages	704	1	25.2	2	0	22.5	584	1	25.1
Health Administration & Assisting	1,053	2	20.3	21	3	17.2	877	2	20.4
Health Sciences & Technologies	8,424	15	23.2	74	11	18.3	7,511	17	23.2
Philosophy, Religion, & Theology	97	0	21.8	0	0	.	69	0	21.6
Repair, Production, & Construction	147	0	18.4	54	8	17.9	77	0	18.6
Sciences: Biological & Physical	5,982	11	25.1	16	2	16.1	5,242	12	25.1
Social Sciences & Law	4,893	9	22.8	34	5	17.0	4,248	10	22.9
Undecided	10,665	20	23.7	109	17	18.2	7,546	17	23.8
No Response	1,041	2	21.9	4	1	16.5	105	0	22.1

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: 54,496

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	211	19.9	22	17.2	1	16.0	116	20.1	18	18.3
2-yr College Degree	440	17.8	35	15.5	2	14.0	323	18.3	44	15.4
Bachelors Degree	17,966	21.7	1,120	17.2	51	18.9	12,618	22.3	1,958	19.4
Graduate Study	13,084	24.5	623	20.0	29	23.9	9,226	24.9	1,202	22.5
Prof. Level Degree	13,526	25.0	1,305	20.6	31	24.6	7,175	26.1	1,778	22.6
Other	688	21.5	52	16.0	5	19.8	379	22.5	101	19.8
No Response	8,581	23.6	543	18.2	21	21.4	4,313	24.8	1,005	20.0

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	211	19.9	33	20.8	0	.	3	19.7	18	21.7
2-yr College Degree	440	17.8	7	16.7	0	.	8	20.1	21	18.7
Bachelors Degree	17,966	21.7	884	22.8	21	20.4	387	21.6	927	21.9
Graduate Study	13,084	24.5	800	25.6	9	23.1	282	24.9	913	24.8
Prof. Level Degree	13,526	25.0	1,638	26.2	37	23.7	397	25.1	1,165	25.8
Other	688	21.5	68	23.5	0	.	11	20.7	72	21.4
No Response	8,581	23.6	834	25.3	10	21.5	149	24.9	1,706	23.5

Total Students in Report: 54,496

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	1,788	573	1,215	1	4	14	29	32	17	3
STONY BROOK UNIVERSITY/SUNY	New York	1,435	479	956	0	4	15	30	31	18	1
BINGHAMTON UNIVERSITY-SUNY	New York	1,419	434	985	0	2	8	24	35	27	3
UNIVERSITY AT ALBANY/SUNY	New York	869	244	625	1	5	17	36	29	12	1
ROCHESTER INST OF TECHNOLOGY	New York	850	283	567	0	2	7	20	36	30	5
CORNELL UNIVERSITY	New York	834	290	544	0	1	5	12	31	38	13
SYRACUSE UNIVERSITY	New York	812	229	583	1	3	14	31	33	15	3
CITY UNIVERSITY OF NEW YORK	New York	783	449	334	6	14	26	25	19	9	1
STATE UNIV OF NY COLL AT BROCKPORT	New York	755	212	543	1	5	25	40	24	6	0
STATE UNIV OF NY COLL AT OSWEGO	New York	710	192	518	1	4	22	40	26	7	1
STATE UNIV OF NY COLL AT CORTLAND	New York	693	199	494	1	4	23	41	26	5	0
STATE UNIV OF NY COLL AT GENESEO	New York	689	195	494	0	1	5	23	42	26	3
NEW YORK UNIVERSITY	New York	654	221	433	1	3	11	24	33	24	4
STATE UNIV OF NY COLL AT ONEONTA	New York	576	133	443	1	3	18	42	27	8	1
STATE UNIV OF NY COLL AT FREDONIA	New York	503	139	364	0	5	21	35	26	11	1
NCAA ELIGIBILITY CENTER	Indiana	500	338	162	1	4	18	35	24	15	2
STATE UNIV OF NY COLL AT BUFFALO	New York	497	82	415	2	7	24	35	22	9	1
STATE UNIV OF NEW YORK AT NEW PALTZ	New York	457	112	345	1	6	19	38	28	9	0
HOFSTRA UNIVERSITY	New York	455	109	346	0	5	20	36	26	12	2
ITHACA COLLEGE	New York	436	104	332	0	2	13	30	36	15	3
UNIVERSITY OF ROCHESTER	New York	433	104	329	0	1	3	15	34	39	9
BOSTON UNIVERSITY	Massachusetts	409	94	315	0	1	5	18	34	35	6
ST JOHN FISHER COLLEGE	New York	398	102	296	0	3	15	36	32	13	1
FORDHAM UNIVERSITY	New York	394	92	302	1	3	13	26	34	21	3
STATE UNIV OF NY COLL AT PLATTSBURGH	New York	388	113	275	1	8	25	38	23	5	0
CLARKSON UNIVERSITY	New York	384	133	251	0	1	5	25	35	29	5
LE MOYNE COLLEGE	New York	348	109	239	1	4	15	40	30	9	1
SAINT JOHN'S UNIVERSITY	New York	343	96	247	1	8	22	32	22	13	1
CANISIUS COLLEGE	New York	340	109	231	0	2	12	34	36	13	3
RENSSELAER POLYTECHNIC INSTITUTE	New York	329	66	263	1	0	2	16	31	41	9
All Other Institutions		26,743	7,941	18,802	1	5	17	28	27	18	4
Total		46,224	13,976	32,248	1	5	16	29	28	18	3

Section V

Optional Writing Test Results

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

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

Total Students in Report: 54,496

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

	N		Average ACT Scores					
			English		Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	44,093	976,031	23.4	21.3	7.7	7.1	22.7	20.6
Black/African American	2,959	114,263	18.5	16.4	7.2	6.3	18.6	16.3
American Indian/Alaska Native	107	6,408	21.3	16.8	7.5	6.2	21.0	16.5
White	26,992	520,054	24.1	23.1	7.7	7.3	23.2	22.1
Hispanic/Latino	5,040	167,575	20.7	18.5	7.5	6.9	20.5	18.4
Asian	3,815	61,663	24.8	23.7	8.0	7.7	24.0	22.9
Native Hawaiian/Other Pac. Isl.	63	3,742	22.3	17.7	8.0	6.6	22.3	17.6
Two or more races	1,002	39,565	23.9	21.4	7.7	7.1	23.1	20.7
Prefer not/No Response	4,115	62,761	24.0	21.6	7.7	7.1	23.2	20.9
Males	19,191	438,500	23.3	21.1	7.5	6.9	22.5	20.2
Females	24,902	530,240	23.4	21.6	7.8	7.3	22.8	21.1
Missing	0	7,291	.	16.0	.	5.9	.	15.7

