



Profile Report - State

Graduating Class 2015

New Jersey



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

This report focuses on:

Performance - student test performance in the context of college readiness

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

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

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

Awareness - extent to which student aspirations match performance

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

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

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

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

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

The ACT:

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

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

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

42% 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: 30,263 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. 53% 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 1% of the cohort took less than three years of math courses. Of these students, 14% were college ready. 8% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 18% of these students were college ready. In comparison, 68% 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 4% of the cohort took less than three years of natural science courses. 25% of these students were college ready. In comparison, 54% 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 29% 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

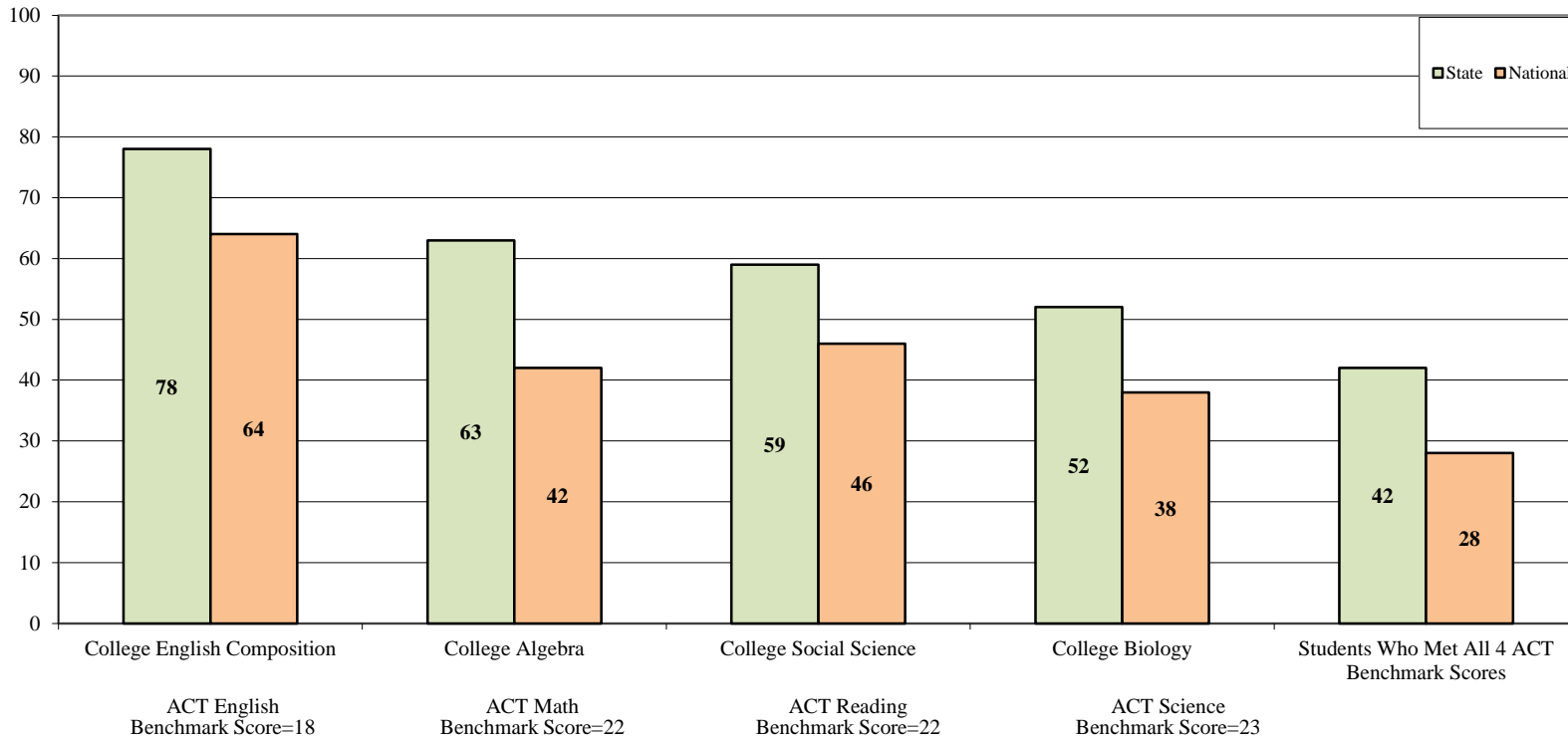
Executive Summary

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: 30,263

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	20,796	1,623,112	81	66	66	45	67	52	41	30	37	25
2012	22,179	1,666,017	81	67	67	46	67	52	43	31	39	25
2013	24,202	1,799,243	77	64	64	44	58	44	48	36	40	26
2014	26,182	1,845,787	77	64	64	43	57	44	50	37	40	26
2015	30,263	1,924,436	78	64	63	42	59	46	52	38	42	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	20,796	1,623,112	23.1	20.6	23.7	21.1	23.3	21.3	22.4	20.9	23.2	21.1
2012	22,179	1,666,017	23.1	20.5	23.9	21.1	23.4	21.3	22.6	20.9	23.4	21.1
2013	24,202	1,799,243	22.5	20.2	23.6	20.9	23.1	21.1	22.2	20.7	23.0	20.9
2014	26,182	1,845,787	22.8	20.3	23.7	20.9	23.1	21.3	22.4	20.8	23.1	21.0
2015	30,263	1,924,436	22.9	20.4	23.7	20.8	23.3	21.4	22.6	20.9	23.2	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: 30,263

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	11,728	8,782	56	42	23.7	22.4	24.1	23.3	23.8	22.6	22.7	22.0	23.7	22.7
2012	12,444	9,409	56	42	23.6	22.6	24.3	23.6	23.8	22.8	23.0	22.3	23.8	22.9
2013	12,965	10,465	54	43	23.6	21.6	24.3	23.0	24.0	22.2	22.9	21.6	23.8	22.2
2014	14,250	11,470	54	44	23.6	21.9	24.3	23.2	23.9	22.3	23.0	21.8	23.8	22.4
2015	15,941	13,685	53	45	23.7	22.1	24.3	23.2	24.1	22.6	23.2	22.1	23.9	22.6

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.

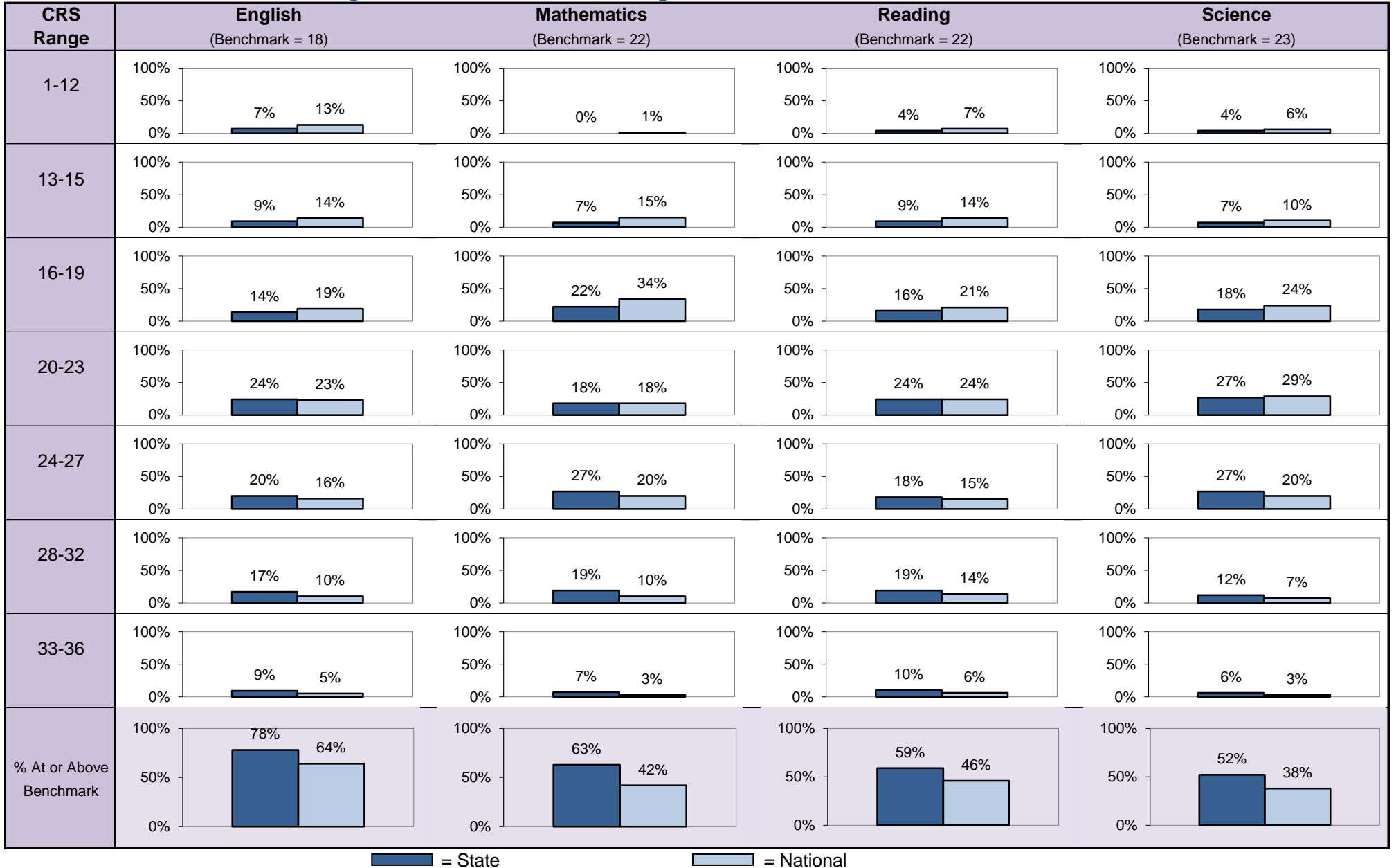
²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

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

	2011			2012			2013			2014			2015		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	20,796	100	23.2	22,179	100	23.4	24,202	100	23.0	26,182	100	23.1	30,263	100	23.2
Black/African American	1,830	9	18.1	1,867	8	18.3	2,440	10	17.3	2,666	10	17.5	3,159	10	18.0
American Indian/Alaska Native	41	0	20.0	54	0	19.7	58	0	20.3	46	0	20.6	48	0	20.1
White	13,564	65	23.8	14,217	64	23.9	14,289	59	24.0	15,125	58	24.1	17,104	57	24.2
Hispanic/Latino	1,673	8	20.9	1,915	9	21.2	2,702	11	20.2	3,072	12	20.5	3,994	13	20.5
Asian	1,689	8	26.2	1,835	8	26.2	1,777	7	26.3	2,147	8	26.4	2,550	8	26.6
Native Hawaiian/Other Pacific Islander	27	0	22.7	49	0	23.1	54	0	23.1	63	0	23.3	59	0	21.4
Two or more races	393	2	23.4	525	2	23.4	527	2	23.6	658	3	23.8	765	3	23.7
Prefer not to respond/No response	1,579	8	24.1	1,717	8	24.5	2,355	10	23.4	2,405	9	23.2	2,584	9	23.9

Total Students in Report: 30,263

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



Total Students in Report: 30,263

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	28,764	95	23.0	23.8	23.3	22.7	23.3
	Extended Time	1,499	5	21.2	21.6	23.1	21.7	22.0
	Total	30,263	100	22.9	23.7	23.3	22.6	23.2
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	78	64	59	52	43
	Extended Time	70	48	57	45	35
	Total	78	63	59	52	42
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: 30,263

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	186	100	294	100	337	100	315	100	42	100	36
35	784	99	485	99	497	99	424	99	284	100	35
34	1,036	97	778	97	872	97	598	98	580	99	34
33	824	93	628	95	1,230	94	473	96	707	97	33
32	1,042	91	798	93	1,128	90	739	94	869	95	32
31	974	87	711	90	1,098	87	427	92	951	92	31
30	802	84	982	88	1,314	83	646	90	1,157	89	30
29	912	81	1,259	85	1,126	79	696	88	1,314	85	29
28	1,290	78	1,976	80	1,151	75	976	86	1,492	80	28
27	1,059	74	2,128	74	1,188	71	1,249	83	1,636	76	27
26	1,491	71	2,284	67	1,230	67	1,682	78	1,716	70	26
25	1,993	66	1,755	59	1,227	63	2,416	73	1,893	64	25
24	1,602	59	1,947	53	1,703	59	2,685	65	2,005	58	24
23	1,895	54	1,799	47	1,858	53	2,362	56	1,996	52	23
22	1,671	47	1,298	41	1,851	47	1,716	48	1,950	45	22
21	1,963	42	1,171	37	1,825	41	2,380	42	1,833	39	21
20	1,766	35	1,291	33	1,694	35	1,800	35	1,634	33	20
19	1,080	30	1,400	29	1,542	30	1,914	29	1,500	27	19
18	1,099	26	1,474	24	1,411	24	1,314	22	1,406	22	18
17	891	22	1,891	19	977	20	1,110	18	1,220	18	17
16	1,209	20	1,807	13	1,029	17	1,088	14	1,144	13	16
15	1,308	16	1,227	7	1,033	13	899	11	929	10	15
14	827	11	546	3	861	10	611	8	828	7	14
13	544	8	211	1	795	7	595	6	601	4	13
12	522	7	67	1	677	4	495	4	357	2	12
11	462	5	33	1	279	2	293	2	144	1	11
10	456	3	10	1	185	1	165	1	43	1	10
9	262	2	4	1	51	1	89	1	18	1	9
8	192	1	4	1	41	1	58	1	8	1	8
7	74	1	1	1	18	1	16	1	4	1	7
6	24	1	2	1	19	1	12	1	1	1	6
5	11	1	1	1	1	1	8	1	0	1	5
4	9	1	1	1	8	1	2	1	1	1	4
3	2	1	0	1	1	1	7	1	0	1	3
2	1	1	0	1	3	1	0	1	0	1	2
1	0	1	0	1	3	1	3	1	0	1	1
Avg (SD)	22.9 (6.7)		23.7 (5.7)		23.3 (6.5)		22.6 (5.7)		23.2 (5.6)		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: 30,263

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	2,219	100	884	100	1,481	100	2,002	100	2,556	100	637	100	662	100	18
17	2,910	93	803	97	2,202	95	2,253	93	2,192	92	812	98	334	98	17
16	1,609	83	2,879	94	2,555	88	2,458	86	2,985	84	1,541	95	2,586	97	16
15	2,554	78	2,601	85	2,373	79	2,990	78	2,494	74	3,257	90	3,313	88	15
14	1,599	69	2,455	76	2,023	72	2,410	68	2,450	66	4,274	79	3,499	77	14
13	2,129	64	3,178	68	3,041	65	2,361	60	3,131	58	3,549	65	3,227	66	13
12	2,391	57	3,012	58	2,983	55	2,478	52	3,030	48	2,744	54	3,341	55	12
11	3,136	49	3,561	48	2,574	45	2,319	44	2,104	38	3,548	44	2,947	44	11
10	2,662	39	2,423	36	2,998	36	2,047	36	2,217	31	3,525	33	3,310	34	10
9	2,041	30	2,622	28	1,920	27	2,271	30	1,890	23	2,691	21	2,810	23	9
8	1,988	23	2,066	19	2,238	20	1,710	22	1,774	17	1,603	12	1,745	14	8
7	1,589	17	1,145	12	1,870	13	1,507	16	1,962	11	1,084	7	1,023	8	7
6	1,287	11	982	9	1,097	7	1,762	11	828	5	414	3	629	5	6
5	980	7	838	5	494	3	856	6	387	2	301	2	414	3	5
4	586	4	554	3	179	1	607	3	169	1	80	1	108	1	4
3	413	2	202	1	93	1	177	1	67	1	153	1	207	1	3
2	137	1	57	1	86	1	42	1	21	1	10	1	21	1	2
1	33	1	1	1	56	1	13	1	6	1	40	1	87	1	1
Avg (SD)	11.7 (4.0)		11.6 (3.5)		11.9 (3.6)		11.9 (3.9)		12.5 (3.6)		11.9 (3.0)		11.9 (3.1)		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)	28	28	29	26	27
Q2 (50th Percentile)	23	24	23	23	23
Q1 (25th Percentile)	18	19	19	19	19

Total Students in Report: 30,263

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	30,263	53	23.9	22.6
	Black/African American	3,159	43	18.6	17.6
	American Indian/Alaska Native	48	56	20.8	19.3
	White	17,104	57	24.5	23.9
	Hispanic/Latino	3,994	44	21.6	19.8
	Asian	2,550	53	27.1	26.1
	Native Hawaiian/Other Pac. Isl.	59	47	21.3	22.0
	Two or more races	765	50	24.2	23.4
	Prefer not/No Response	2,584	53	24.9	23.3
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	22.9	23.7	23.3	22.6	23.2
	Black/African American	17.1	18.7	18.0	17.7	18.0
	American Indian/Alaska Native	19.2	21.0	19.8	20.1	20.1
	White	24.1	24.4	24.4	23.6	24.2
	Hispanic/Latino	19.7	21.0	20.7	20.1	20.5
	Asian	26.2	28.1	25.9	25.7	26.6
	Native Hawaiian/Other Pac. Isl.	20.7	21.8	21.2	21.6	21.4
	Two or more races	23.5	24.1	23.9	23.0	23.7
	Prefer not/No Response	23.7	24.3	24.0	23.3	23.9
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: 30,263

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	2,830	9	2,185	7	2,936	10	1,810	6
	28 to 32	5,020	17	5,726	19	5,817	19	3,484	12
	24 to 27	6,145	20	8,114	27	5,348	18	8,032	27
	20 to 23	7,295	24	5,559	18	7,228	24	8,258	27
	16 to 19	4,279	14	6,572	22	4,959	16	5,426	18
	13 to 15	2,679	9	1,984	7	2,689	9	2,105	7
	01 to 12	2,015	7	123	0	1,286	4	1,148	4
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	14,238	47	22.6	24.3	23.4	23.2	23.5
	Females	15,955	53	23.2	23.1	23.3	22.1	23.0
	Missing	70	0	11.8	15.6	14.3	14.4	14.2
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	77	67	59	56	46
	Females	79	60	59	48	40
National	Males	61	46	45	42	30
	Females	66	39	47	36	26

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	15,941	82	23.7	68	24.3	64	24.1	56	23.2	47	23.9
	Less than Core	13,685	73	22.1	59	23.2	54	22.6	48	22.1	38	22.6
	Missing ³	637	52	18.2	30	19.2	38	19.7	30	19.1	21	19.2
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	28,871	79	23.2	29,274	64	23.8	16,742	62	23.9	28,347	54	22.9
	Less than Core	831	39	16.7	409	14	17.1	12,923	55	22.7	1,313	25	19.0
	Missing ³	561	57	18.9	580	32	19.5	598	40	19.9	603	31	19.4
National	Core or More	1,732,463	67	20.8	1,743,121	45	21.2	1,627,689	49	21.8	1,592,830	42	21.5
	Less than Core	93,944	36	15.9	78,951	8	16.3	194,720	34	19.5	227,926	18	18.1
	Missing	98,029	40	16.5	102,364	20	17.8	102,027	26	18.1	103,680	20	18.0

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

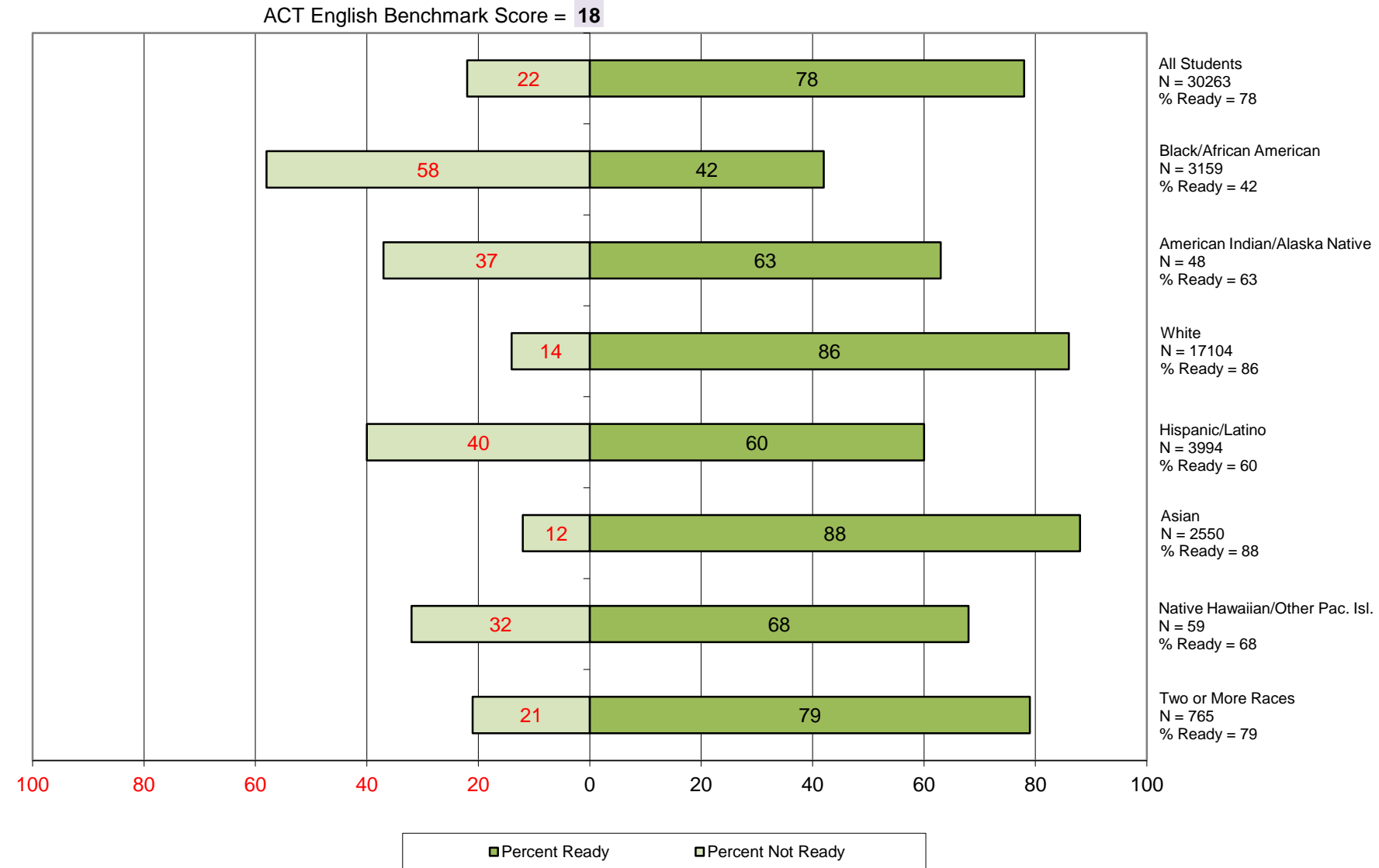


Figure 3.2. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

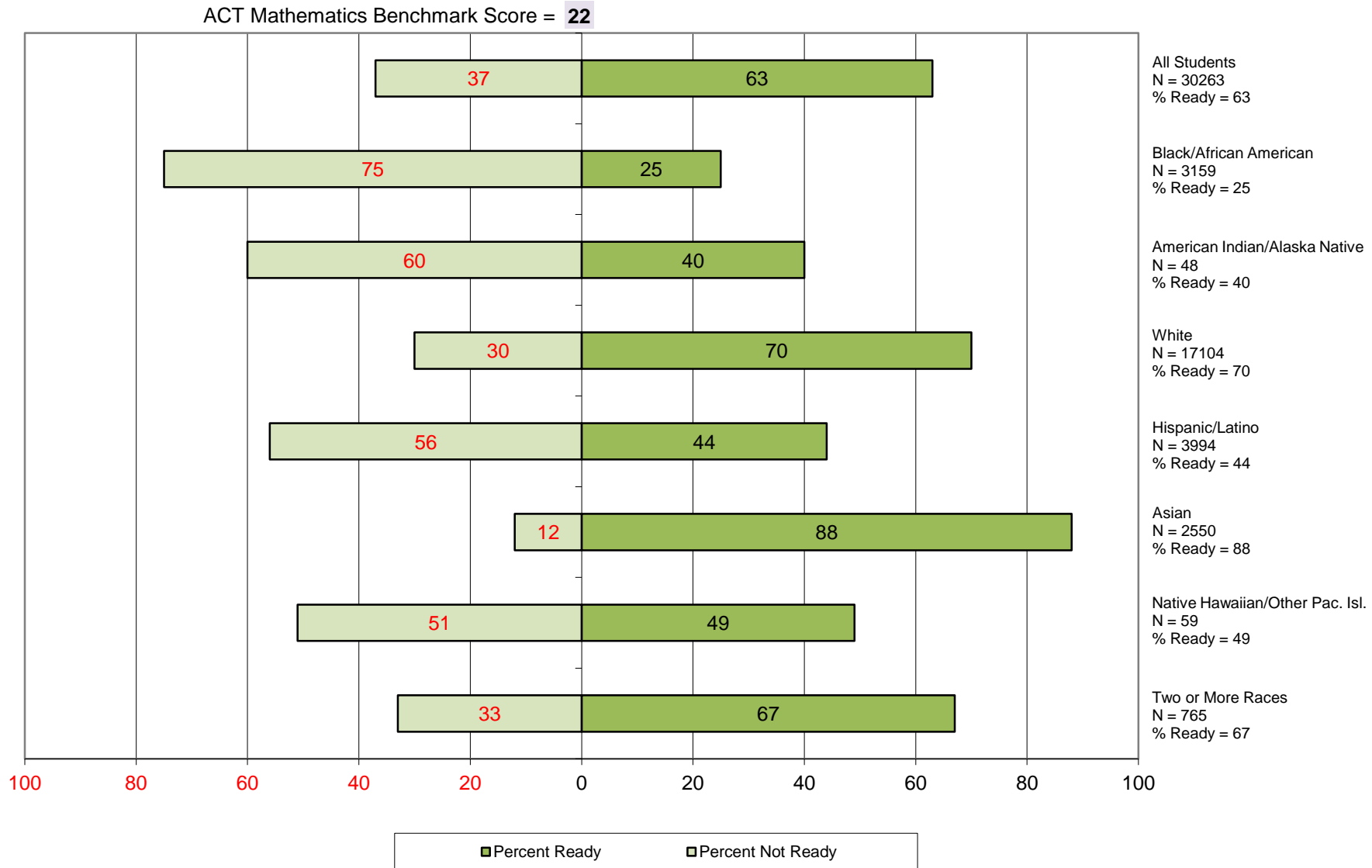


Figure 3.3. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

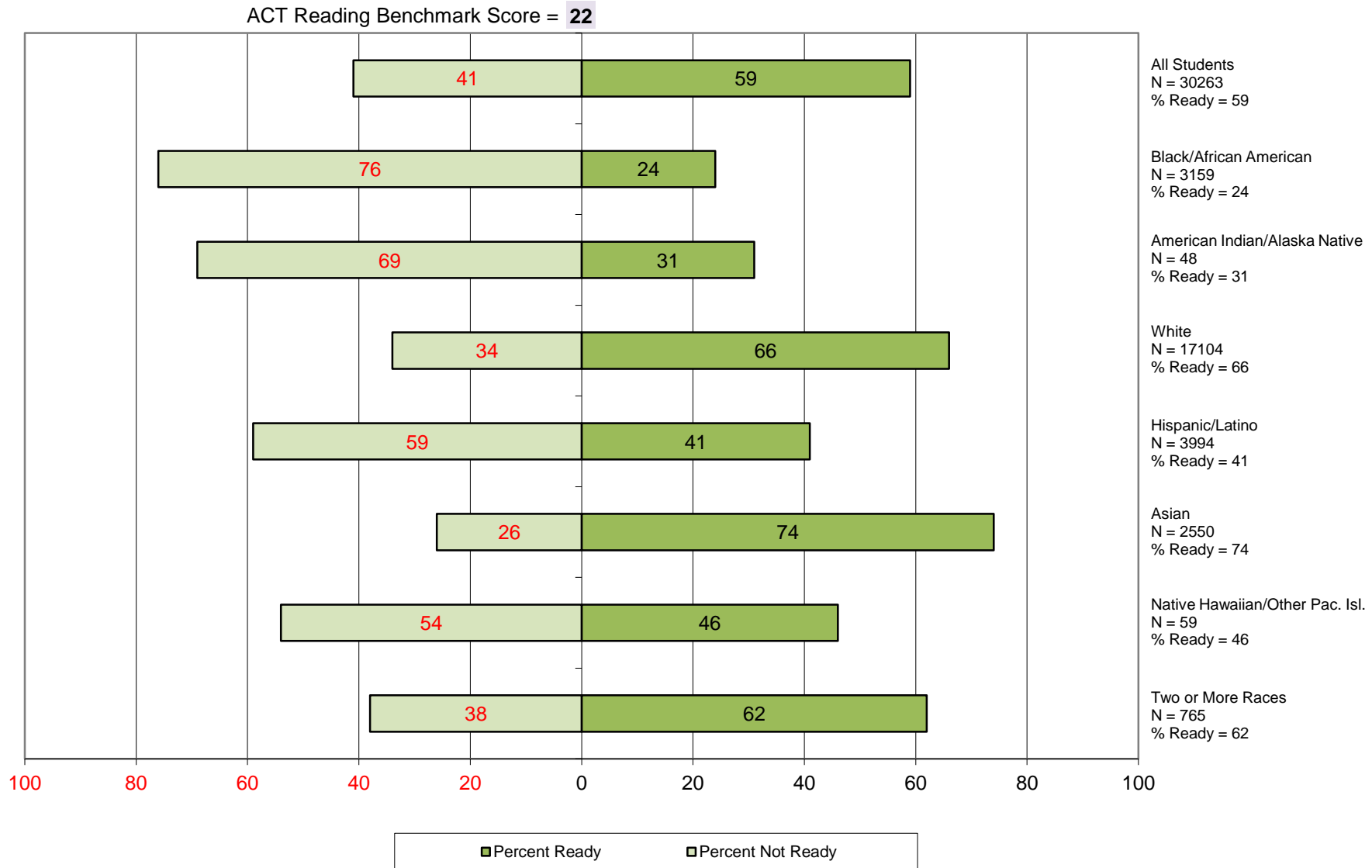


Figure 3.4. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

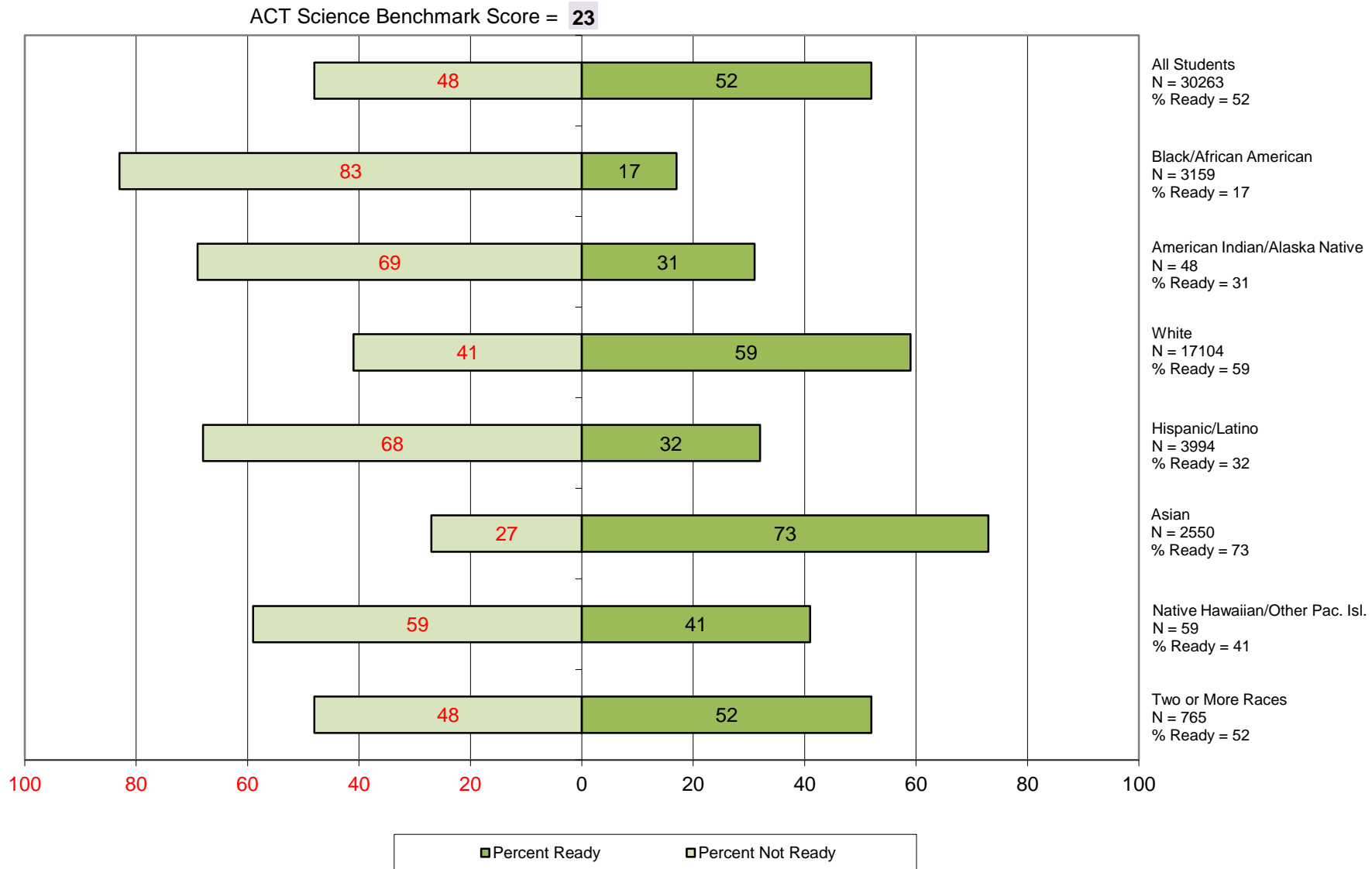
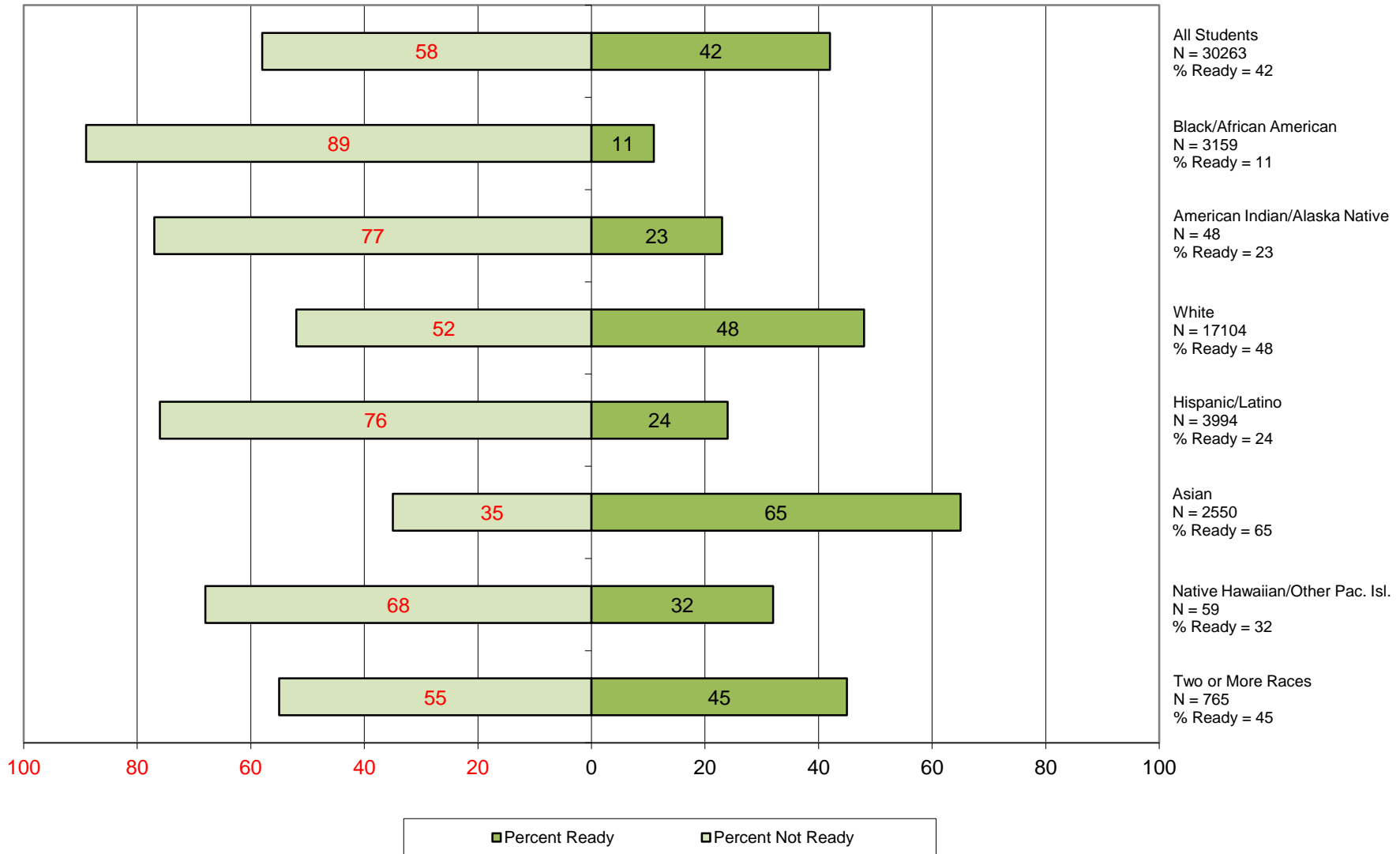


Figure 3.5. Percent of Students Who Met ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Total Students in Report: 30,263

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	5,879	19	23.8	7.1	2,550	18	23.5	7.0	3,322	21	24.1	7.1
Eng 9, Eng 10, Eng 11, Eng 12	22,992	76	23.0	6.3	10,960	77	22.8	6.3	11,995	75	23.2	6.2
Less than 4 years of English	831	3	16.7	-	427	3	16.5	-	389	2	17.0	-
Zero years / no English courses reported	561	2	18.9	-	301	2	19.2	-	249	2	19.0	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	2,860	9	25.8	8.7	1,281	9	26.3	9.0	1,575	10	25.4	8.4
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,913	6	22.5	5.4	760	5	22.9	5.6	1,152	7	22.3	5.3
Alg 1, Alg 2, Geom, & Trig	1,549	5	20.3	3.2	673	5	20.7	3.4	870	5	20.0	3.0
Alg 1, Alg 2, Geom, & Other Adv Math	4,276	14	20.8	3.7	1,640	12	21.2	3.9	2,628	16	20.5	3.5
Other comb of 4 or more years of Math	14,561	48	26.0	8.9	7,522	53	26.6	9.3	7,029	44	25.4	8.4
Alg 1, Alg 2, & Geom	2,295	8	18.1	1.0	1,003	7	18.1	0.8	1,278	8	18.1	1.1
Other comb of 3 or 3.5 years of Math	1,820	6	22.2	5.1	863	6	22.5	5.2	945	6	21.9	4.9
Less than 3 years of Math	409	1	17.1	-	189	1	17.3	-	217	1	17.0	-
Zero years / no Math courses reported	580	2	19.5	-	307	2	20.2	-	261	2	18.7	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	1,005	3	23.6	0.9	570	4	23.4	0.8	432	3	23.9	1.1
Other comb of 4 or more years Social Science	6,890	23	23.8	1.1	3,571	25	24.1	1.5	3,313	21	23.6	0.8
US Hist, World Hist, & Am Gov	1,050	3	23.9	1.2	525	4	24.1	1.5	520	3	23.8	1.0
Other comb of 3 or 3.5 years of Social Science	7,797	26	24.0	1.3	3,461	24	24.1	1.5	4,329	27	23.9	1.1
Less than 3 years of Social Science	12,923	43	22.7	-	5,791	41	22.6	-	7,095	44	22.8	-
Zero years / no Social Science courses reported	598	2	19.9	-	320	2	20.2	-	266	2	19.9	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	16,382	54	23.4	4.4	8,043	56	23.9	5.4	8,310	52	22.9	3.6
Bio, Chem, Phys	6,284	21	24.4	5.4	3,056	21	25.2	6.7	3,224	20	23.7	4.4
Gen Sci ² , Bio, Chem	5,440	18	19.8	0.8	2,128	15	19.7	1.2	3,297	21	19.8	0.5
Other comb of 3 years of Natural Science	241	1	19.2	0.2	128	1	19.6	1.1	113	1	18.8	-0.5
Less than 3 years of Natural Science	1,313	4	19.0	-	561	4	18.5	-	742	5	19.3	-
Zero years / no Natural Science courses reported	603	2	19.4	-	322	2	20.1	-	269	2	18.9	-

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: 30,263

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	5,879	19	23.8	83	373,145	19	21.7	72
Eng 9, Eng 10, Eng 11, Eng 12	22,992	76	23.0	78	1,359,318	71	20.6	65
Less than 4 years of English	831	3	16.7	39	93,944	5	15.9	36
Zero years / no English courses reported	561	2	18.9	57	98,029	5	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	2,860	9	25.8	81	123,105	6	23.5	65
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,913	6	22.5	60	164,036	9	21.7	53
Alg 1, Alg 2, Geom, & Trig	1,549	5	20.3	38	123,192	6	19.1	28
Alg 1, Alg 2, Geom, & Other Adv Math	4,276	14	20.8	43	362,476	19	19.4	30
Other comb of 4 or more years of Math	14,561	48	26.0	80	655,589	34	23.7	64
Alg 1, Alg 2, & Geom	2,295	8	18.1	18	219,221	11	17.1	11
Other comb of 3 or 3.5 years of Math	1,820	6	22.2	54	95,502	5	19.8	34
Less than 3 years of Math	409	1	17.1	14	78,951	4	16.3	8
Zero years / no Math courses reported	580	2	19.5	32	102,364	5	17.8	20
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	1,005	3	23.6	60	48,944	3	22.3	51
Other comb of 4 or more years Social Science	6,890	23	23.8	62	942,441	49	22.3	52
US Hist, World Hist, & Am Gov	1,050	3	23.9	61	108,348	6	19.7	35
Other comb of 3 or 3.5 years of Social Science	7,797	26	24.0	64	527,956	27	21.4	46
Less than 3 years of Social Science	12,923	43	22.7	55	194,720	10	19.5	34
Zero years / no Social Science courses reported	598	2	19.9	40	102,027	5	18.1	26
NATURAL SCIENCE COURSE PATTERN								
Gen Sci ¹ , Bio, Chem, & Phys	16,382	54	23.4	58	807,744	42	22.2	48
Bio, Chem, Phys	6,284	21	24.4	66	217,893	11	23.2	55
Gen Sci ¹ , Bio, Chem	5,440	18	19.8	28	512,754	27	20.1	30
Other comb of 3 years of Natural Science	241	1	19.2	27	54,439	3	19.1	24
Less than 3 years of Natural Science	1,313	4	19.0	25	227,926	12	18.1	18
Zero years / no Natural Science courses reported	603	2	19.4	31	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: 30,263

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	181	1	22.7	14	3	14.8	155	1	23.1
Architecture	311	1	22.6	3	1	15.7	275	1	22.7
Area, Ethnic, & Multidisciplinary Studies	37	0	25.2	0	0	.	33	0	25.1
Arts: Visual & Performing	1,585	5	21.2	55	13	14.6	1,361	5	21.3
Business	4,604	15	23.2	81	19	19.9	3,976	16	23.2
Communications	968	3	22.4	12	3	16.6	851	3	22.3
Community, Family, & Personal Services	460	2	18.1	30	7	14.3	385	2	18.3
Computer Science & Mathematics	1,161	4	25.1	17	4	16.6	979	4	24.9
Education	1,314	4	20.7	13	3	14.0	1,159	5	20.7
Engineering	2,909	10	26.0	32	7	15.3	2,518	10	25.9
Engineering Technology & Drafting	258	1	21.3	10	2	13.1	227	1	21.6
English & Foreign Languages	330	1	24.7	2	0	19.5	288	1	24.7
Health Administration & Assisting	422	1	19.7	10	2	16.6	354	1	19.8
Health Sciences & Technologies	3,978	13	22.7	28	7	15.7	3,568	14	22.7
Philosophy, Religion, & Theology	54	0	22.8	3	1	19.3	42	0	22.8
Repair, Production, & Construction	56	0	17.2	11	3	15.7	43	0	17.5
Sciences: Biological & Physical	2,848	9	25.2	6	1	16.5	2,510	10	25.1
Social Sciences & Law	2,585	9	22.5	11	3	15.1	2,304	9	22.4
Undecided	5,574	18	23.9	45	11	19.5	4,165	16	23.7
No Response	598	2	18.3	28	7	13.5	129	1	17.1

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: 30,263

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	195	17.9	55	14.1	3	16.3	70	22.4	42	14.3
2-yr College Degree	232	15.1	88	13.6	0	.	52	17.9	61	14.8
Bachelors Degree	11,044	21.5	1,189	16.7	14	18.8	6,819	22.7	1,534	19.2
Graduate Study	7,729	24.5	567	19.1	11	22.4	4,853	25.2	879	22.2
Prof. Level Degree	6,563	24.7	878	19.9	6	22.2	2,998	26.1	1,036	21.9
Other	335	20.8	53	16.4	5	18.0	139	21.7	52	17.9
No Response	4,165	24.2	329	17.7	9	20.7	2,173	25.0	390	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	195	17.9	11	23.4	0	.	2	23.5	12	15.9
2-yr College Degree	232	15.1	6	16.3	0	.	4	18.0	21	13.9
Bachelors Degree	11,044	21.5	552	23.8	29	20.8	247	21.5	660	21.0
Graduate Study	7,729	24.5	588	27.1	8	22.3	204	25.1	619	25.0
Prof. Level Degree	6,563	24.7	848	27.5	14	21.1	199	25.1	584	25.8
Other	335	20.8	40	23.9	1	23.0	11	24.0	34	23.6
No Response	4,165	24.2	505	27.9	7	23.3	98	24.3	654	24.8

Total Students in Report: 30,263

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
RUTGERS THE ST UNIV OF NEW JERSEY	New Jersey	2,694	1,049	1,645	4	15	22	25	20	12	2
MONTCLAIR STATE UNIVERSITY	New Jersey	1,109	291	818	6	22	33	24	10	3	0
ROWAN UNIVERSITY	New Jersey	765	194	571	1	8	24	36	20	10	1
KEAN UNIVERSITY	New Jersey	689	171	518	10	33	31	17	7	2	0
COLLEGE OF NEW JERSEY THE	New Jersey	600	134	466	1	4	13	26	31	22	3
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	564	116	448	2	7	16	29	30	14	1
NEW JERSEY INSTITUTE OF TECHNOLOGY	New Jersey	533	171	362	5	18	19	25	22	9	2
SETON HALL UNIVERSITY	New Jersey	519	123	396	6	17	31	25	16	5	0
UNIVERSITY OF DELAWARE	Delaware	512	144	368	0	2	11	29	37	20	2
WILLIAM PATERSON UNIVERSITY	New Jersey	466	122	344	4	21	44	20	9	1	0
RICHARD STOCKTON COLLEGE OF NEW JERSEY	New Jersey	452	133	319	1	9	30	35	18	6	0
RAMAPO COLLEGE OF NEW JERSEY	New Jersey	386	109	277	3	11	31	31	17	7	0
NEW YORK UNIVERSITY	New York	384	128	256	2	8	16	23	27	20	3
MONMOUTH UNIVERSITY	New Jersey	375	82	293	3	11	31	31	17	7	0
NCAA ELIGIBILITY CENTER	Indiana	367	247	120	1	11	24	25	23	15	2
RIDER UNIVERSITY	New Jersey	327	66	261	2	17	33	28	15	6	0
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	316	83	233	1	1	7	23	37	27	4
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	315	114	201	1	3	6	18	24	35	14
DREXEL UNIVERSITY	Pennsylvania	313	77	236	0	3	11	24	35	23	4
PRINCETON UNIVERSITY	New Jersey	285	92	193	6	9	13	23	20	18	11
ESSEX COUNTY COLLEGE	New Jersey	283	102	181	32	47	14	5	2	0	0
STEVENS INSTITUTE OF TECHNOLOGY	New Jersey	279	91	188	1	3	10	28	27	26	5
TEMPLE UNIVERSITY	Pennsylvania	271	70	201	2	13	28	27	20	8	2
FAIRLEIGH DICKINSON UNIVERSITY	New Jersey	233	53	180	2	12	27	33	20	6	1
VILLANOVA UNIVERSITY	Pennsylvania	230	57	173	1	2	7	11	36	39	4
BOSTON UNIVERSITY	Massachusetts	223	43	180	0	3	7	16	35	33	7
SYRACUSE UNIVERSITY	New York	203	65	138	1	8	10	32	33	14	2
NORTHEASTERN UNIVERSITY	Massachusetts	202	51	151	0	0	3	12	34	42	8
BLOOMFIELD COLLEGE	New Jersey	185	52	133	19	52	23	4	2	0	0
LEHIGH UNIVERSITY	Pennsylvania	176	40	136	1	2	5	13	31	40	8
All Other Institutions		16,016	4,558	11,458	4	12	20	22	22	16	4
Total		30,272	8,828	21,444	4	13	21	23	21	15	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: 30,263

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	25,570	1,108,908	23.3	21.0	7.8	6.9	22.8	20.2
Black/African American	2,651	136,380	17.3	16.3	6.9	6.0	17.5	15.9
American Indian/Alaska Native	39	7,142	19.2	16.5	7.8	5.9	19.7	16.0
White	14,147	567,060	24.6	22.8	8.0	7.1	23.9	21.8
Hispanic/Latino	3,465	196,970	19.9	18.4	7.4	6.7	19.9	18.1
Asian	2,327	68,736	26.7	23.9	8.3	7.6	25.7	23.0
Native Hawaiian/Other Pac. Isl.	51	4,070	20.8	18.0	7.7	6.5	20.9	17.6
Two or more races	664	45,517	24.0	21.3	7.9	6.9	23.3	20.4
Prefer not/No Response	2,226	83,033	24.2	20.8	7.8	6.7	23.5	19.9
Males	11,809	507,737	23.1	20.7	7.7	6.6	22.5	19.7
Females	13,695	590,537	23.6	21.4	8.0	7.1	23.1	20.8
Missing	66	10,634	12.0	16.0	5.2	5.6	12.1	15.4

