



Profile Report - National

Graduating Class 2023

National



Total Students in Report: 1,386,335

New to your 2023 Profile Report

For 2022-2023, contents of the ACT Profile Report remain consistent with last year.

Total Students in Report: 1,386,335

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Total Students in Report: 1,386,335

We are pleased to provide this 2023 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2023 graduates who took the ACT as sophomores, juniors, or seniors under standard- or extended-time conditions and achieved a college reportable composite score. The most recent set of test information is used in your report for students testing more than once.

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.

Total Students in Report: 1,386,335

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

- Tests of academic achievement in English, math, reading, science, STEM, and (optional) ELA and writing
- 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 and Career 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. College and Career Readiness Standards to the Classroom interpretive guides can be found at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

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, Biology, STEM and ELA. These scores were empirically derived based on the actual performance of students in college.

College Course/Course Area	ACT Score	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	22
Biology	Science	23
STEM	STEM	26
ELA	ELA	20

For more information, go to www.act.org

Total Students in Report: 1,386,335

How to Improve Scores and Increase College Readiness

21% 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: 1,386,335 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. 41% 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 3.7 reports 3% of the cohort took less than three years of math courses. Of these students, 11% were college ready. 7% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 9% of these students were college ready. In comparison, 45% 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 3.7 reports 10% of the cohort took less than three years of natural science courses. 22% of these students were college ready. In comparison, 44% of students who took at least three years of science coursework were college ready.

EVALUATING RIGOR OF COURSES: Table 3.1 reports the percentage of students falling in each of the ACT College and Career Readiness Standards score ranges. For example, approximately 63% 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 and Career Readiness Standards at www.act.org/content/act/en/education-and-career-planning/college-and-career-readiness-standards.html.

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 Care at 319-337-1365 or hs.reporting@act.org.

Total Students in Report: 1,386,335

Section I

Executive Summary

Total Students in Report: 1,386,335

Figure 1.1. Average Composite Scores: 5 Years of Testing*

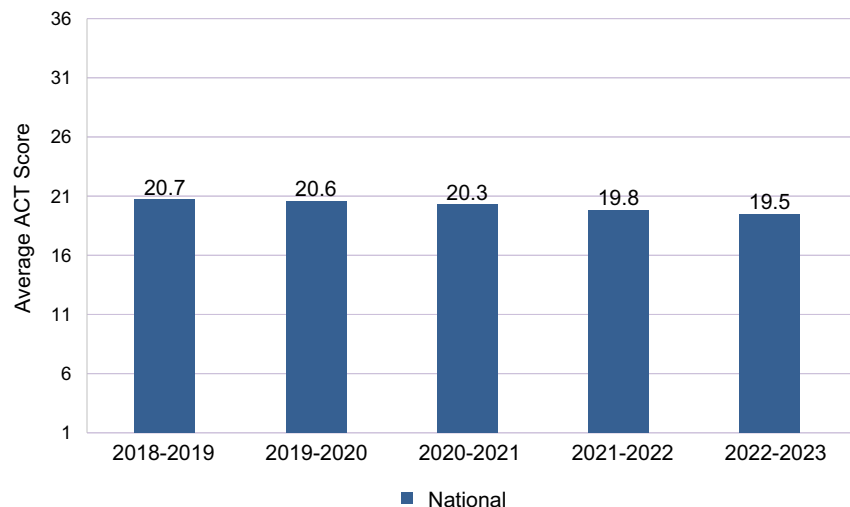


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing*

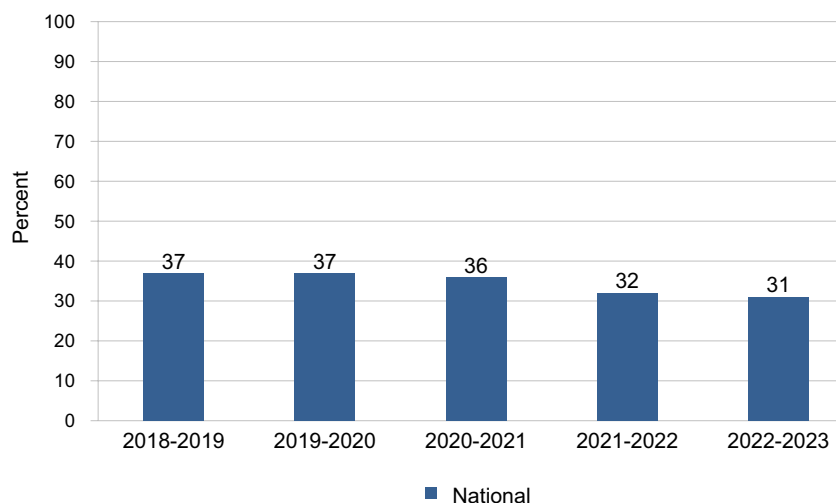


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing*

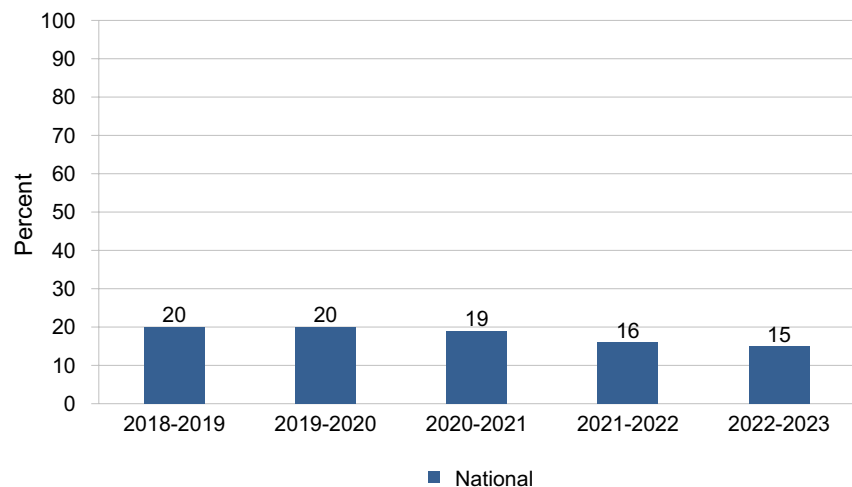
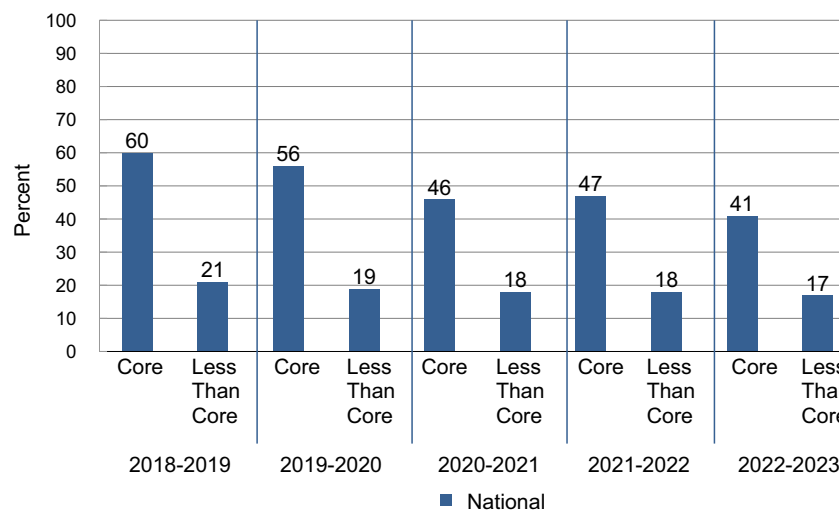


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing*



*Missing columns in above graphs reflect years in which no students were tested.

Total Students in Report: 1,386,335

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

Year	Number of Students	Percent Who Met Benchmark				
	Tested National	English National	Mathematics National	Reading National	Science National	Met All Four National
2019	1,782,820	59	39	45	36	26
2020	1,670,497	58	37	45	36	26
2021	1,295,349	56	36	44	35	25
2022	1,349,644	53	31	41	32	22
2023	1,386,335	51	30	40	31	21

Table 1.2. Five Year Trends--Average ACT Scores (table omitted for this report)

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students	Average ACT Scores				
	Tested	English	Mathematics	Reading	Science	Composite
2019	1,782,820	20.1	20.4	21.2	20.6	20.7
2020	1,670,497	19.9	20.2	21.2	20.6	20.6
2021	1,295,349	19.6	19.9	20.9	20.4	20.3
2022	1,349,644	19.0	19.3	20.4	19.9	19.8
2023	1,386,335	18.6	19.0	20.1	19.6	19.5

Total Students in Report: 1,386,335

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
2019	1,070,445	369,318	60	21	21.8	18.1	21.6	18.7	22.7	19.4	21.9	19.0	22.2	18.9
2020	928,969	316,044	56	19	21.9	18.3	21.7	18.9	23.0	19.7	22.1	19.2	22.3	19.2
2021	599,682	229,759	46	18	22.1	18.4	21.8	18.8	23.2	19.8	22.4	19.4	22.5	19.2
2022	641,028	246,319	47	18	21.6	18.6	21.2	18.8	22.8	20.0	21.9	19.5	22.0	19.4
2023	567,731	231,055	41	17	21.5	18.6	21.2	18.7	22.7	20.1	21.8	19.4	21.9	19.3

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

Race/Ethnicity	N	2019		2020		2021		2022		2023					
		%	Avg	N	%	Avg	N	%	Avg	N	%	Avg			
All Students	1,782,820	100	20.7	1,670,497	100	20.6	1,295,349	100	20.3	1,349,644	100	19.8	1,386,335	100	19.5
Black/African American	220,627	12	16.8	203,517	12	16.7	153,641	12	16.3	153,579	11	16.1	171,380	12	16.0
American Indian/Alaska Native	15,496	1	17.0	14,597	1	16.7	10,094	1	16.9	10,728	1	16.4	13,616	1	16.0
White	918,937	52	22.1	860,496	52	22.0	698,565	54	21.7	708,952	53	21.3	722,990	52	21.0
Hispanic/Latino	293,100	16	18.7	277,796	17	18.5	181,958	14	18.3	210,205	16	17.7	234,031	17	17.4
Asian	83,507	5	24.6	78,707	5	24.9	54,272	4	24.9	54,464	4	24.7	57,600	4	24.2
Native Hawaiian/Other Pacific Islander	4,965	0	17.9	4,726	0	17.5	3,450	0	17.2	2,961	0	17.1	3,932	0	16.3
Two or more races	80,629	5	21.0	76,782	5	20.9	58,528	5	20.6	64,330	5	20.1	68,095	5	19.8
Prefer not to respond/No response	165,559	9	19.7	153,876	9	19.7	134,841	10	19.2	144,425	11	17.6	114,691	8	17.6

Total Students in Report: 1,386,335

Table 1.6. Five Year Trends—Achievement in STEM¹

Year	Number of Tested National	All Tested Students		Students Meeting STEM Benchmarks	
		Avg. STEM Score National	Percent Meeting STEM Benchmark National	Avg. Mathematics Score National	Avg. Science Score National
2019	1,782,820	20.7	20	28.9	29.0
2020	1,670,497	20.6	20	28.9	29.1
2021	1,295,349	20.4	19	28.9	29.2
2022	1,349,644	19.9	16	28.8	29.1
2023	1,386,335	19.6	15	28.7	29.1

¹The STEM score describes students' overall proficiency in mathematics and science.

Table 1.7. Proficiency in Understanding Complex Texts¹

Year	Below Proficient			Text Complexity Proficiency Level Proficient			Above Proficient		
	N National	Percent National	Avg. Reading National	N National	Percent National	Avg. Reading National	N National	Percent National	Avg. Reading National
2019	950,826	53	16.2	455,611	26	23.6	376,383	21	31.0
2020	903,921	54	16.1	398,982	24	23.6	367,594	22	31.1
2021	711,705	55	15.8	318,182	25	23.8	265,462	20	31.3
2022	770,624	57	15.6	318,327	24	23.5	260,693	19	31.0
2023	793,815	57	15.3	334,268	24	23.3	258,252	19	30.7

¹The text complexity indicator, beginning in Fall 2015, represents students' progress toward understanding complex written material often encountered in college and careers.

Total Students in Report: 1,386,335

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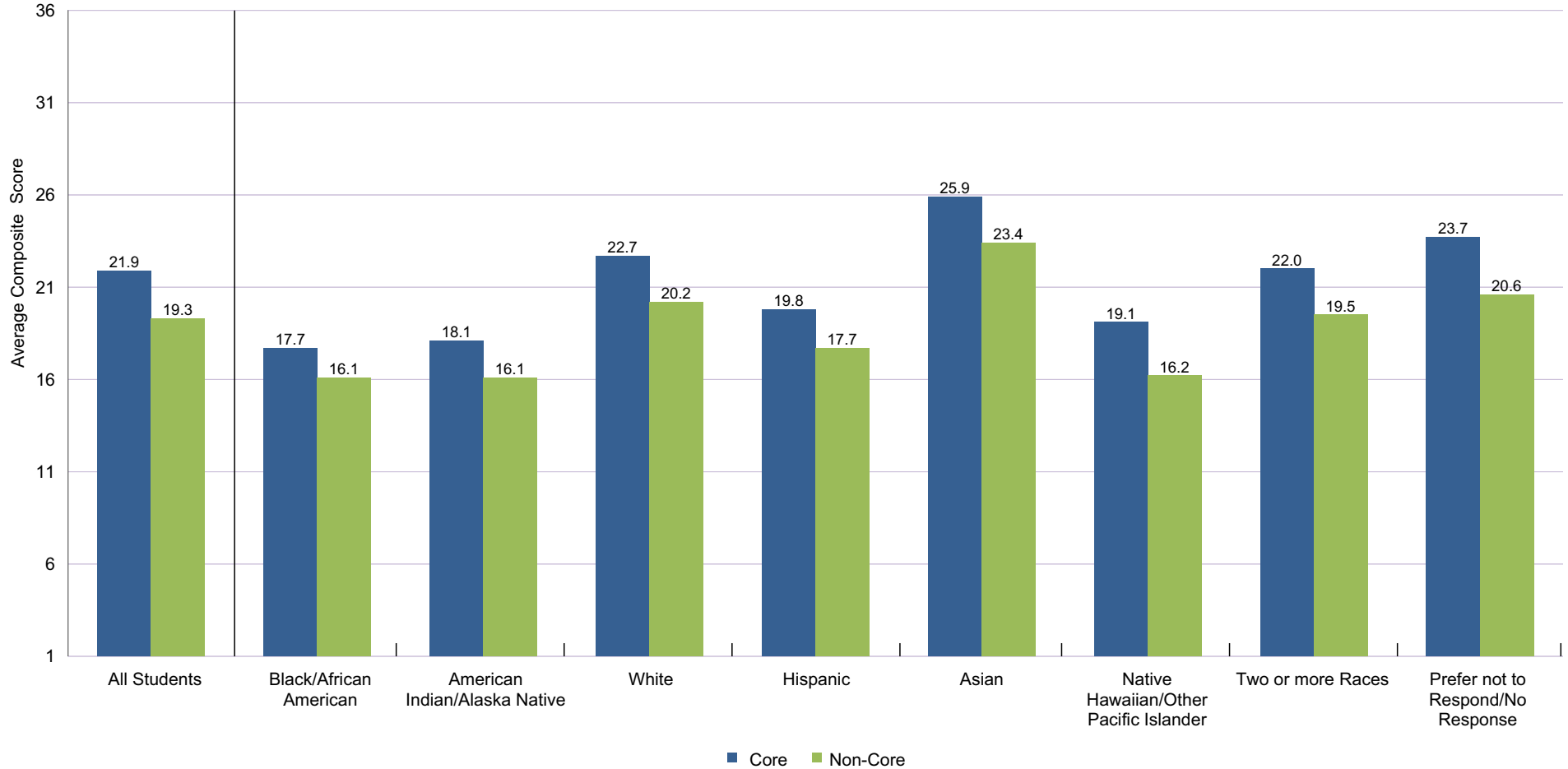
Total Students in Report: 1,386,335

Section II

Academic Achievement

Total Students in Report: 1,386,335

Figure 2.1. Average ACT Composite Scores by Race and Core Curriculum Status*



*Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Total Students in Report: 1,386,335

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

ACT Scale Score	English		Mathematics		Reading		Science		Composite		STEM		ELA ²		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
36	8,722	100	4,248	100	20,032	100	7,485	100	2,542	100	4,262	100	24	100	36
35	30,766	99	10,423	99	21,915	99	9,494	99	8,694	99	7,910	99	127	99	35
34	20,180	97	7,643	99	24,401	97	13,725	99	11,630	99	9,107	99	531	99	34
33	15,688	96	8,905	98	27,276	95	11,704	98	14,612	98	10,899	98	1,266	99	33
32	14,172	95	10,594	98	28,806	93	14,695	97	17,307	97	13,408	98	2,198	99	32
31	15,043	94	16,277	97	26,881	91	16,854	96	20,226	96	16,350	97	3,734	99	31
30	18,819	92	15,181	96	28,642	89	17,388	95	24,113	95	19,924	96	4,377	98	30
29	19,265	91	20,348	95	28,817	87	19,340	93	26,423	93	23,148	94	5,048	97	29
28	25,497	90	29,001	93	35,471	85	22,923	92	30,907	91	27,903	92	5,982	95	28
27	24,426	88	43,276	91	30,879	83	25,459	90	36,066	89	35,096	90	7,202	94	27
26	34,034	86	49,025	88	38,627	80	41,173	89	41,499	86	44,811	88	8,600	92	26
25	43,886	84	53,949	84	35,863	78	54,877	86	48,480	83	54,010	85	10,049	90	25
24	55,039	80	50,761	81	55,281	75	81,377	82	54,831	80	58,525	81	12,282	87	24
23	53,529	77	51,242	77	64,208	71	88,166	76	61,066	76	58,618	77	14,736	84	23
22	60,466	73	41,314	73	84,522	66	68,089	69	66,837	71	61,774	72	17,594	80	22
21	76,491	68	44,027	70	72,664	60	85,617	64	72,787	66	69,664	68	19,187	75	21
20	75,004	63	50,199	67	74,704	55	72,883	58	77,147	61	79,727	63	21,094	70	20
19	63,431	57	58,083	63	59,621	50	93,400	53	81,202	56	89,938	57	22,498	65	19
18	54,313	53	85,215	59	68,844	45	95,742	46	84,963	50	104,528	51	23,327	59	18
17	52,130	49	128,962	53	59,999	40	88,800	39	88,287	44	116,368	43	24,078	53	17
16	76,708	45	171,252	44	62,975	36	103,492	33	92,423	37	124,710	35	24,880	46	16
15	94,659	40	170,457	31	66,184	31	79,238	26	97,193	31	120,724	26	25,172	40	15
14	83,605	33	137,983	19	79,663	27	74,498	20	103,892	24	102,753	17	24,746	33	14
13	67,480	27	68,760	9	75,436	21	62,128	14	102,941	16	73,036	10	23,866	27	13
12	61,607	22	30,070	4	97,193	15	49,055	10	74,413	9	36,126	4	21,586	20	12
11	85,287	17	14,501	2	62,889	8	42,213	6	30,703	3	13,544	2	18,762	15	11
10	77,170	11	6,137	1	27,728	4	22,527	3	8,922	1	4,872	1	13,522	10	10
9	38,093	6	3,273	1	12,671	2	12,173	2	3,131	1	2,130	1	9,359	6	9
8	19,292	3	2,191	1	6,803	1	5,775	1	1,524	1	1,117	1	8,030	4	8
7	10,483	2	1,112	1	2,788	1	2,899	1	775	1	589	1	4,585	2	7
6	6,100	1	629	1	1,961	1	1,396	1	393	1	289	1	1,280	1	6
5	2,348	1	418	1	1,111	1	460	1	205	1	205	1	346	1	5
4	1,143	1	373	1	729	1	471	1	130	1	135	1	141	1	4
3	737	1	157	1	125	1	489	1	48	1	65	1	56	1	3
2	385	1	128	1	401	1	37	1	16	1	46	1	12	1	2
1	337	1	221	1	225	1	293	1	7	1	24	1	2	1	1
Avg (SD)	18.6 (7.0)		19.0 (5.5)		20.1 (7.0)		19.6 (5.8)		19.5 (5.9)		19.6 (5.4)		17.6 (5.8)		Avg (SD)

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

²ELA scores are derived only for students with a valid writing score.

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

Total Students in Report: 1,386,335

Figure 2.2. English Reporting Categories

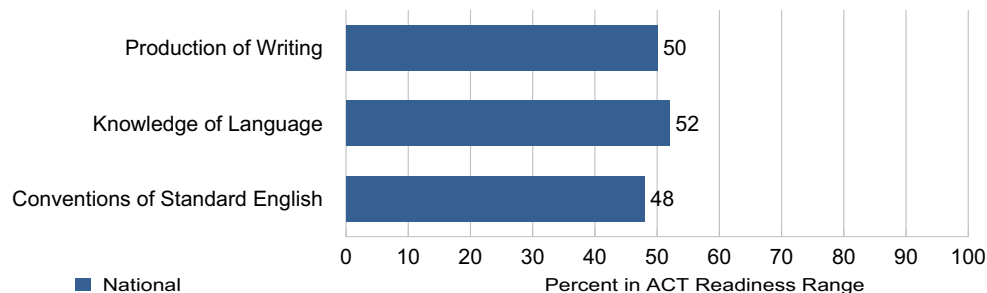


Figure 2.4. Reading Reporting Categories

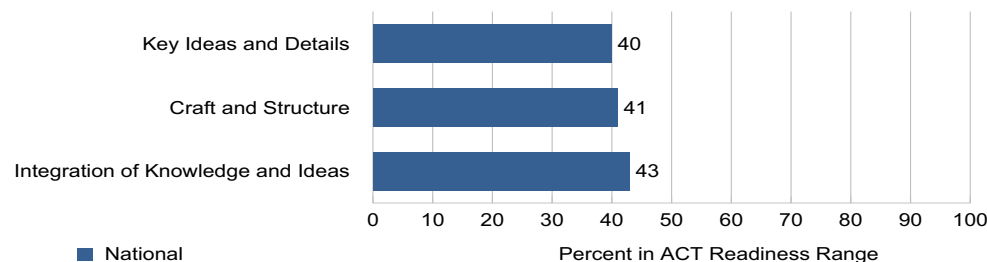


Figure 2.5. Science Reporting Categories

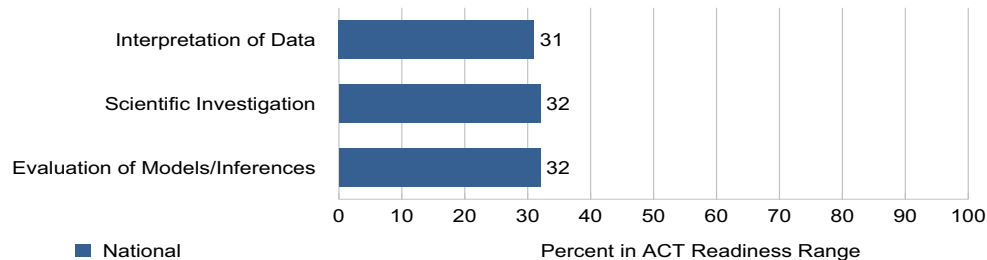
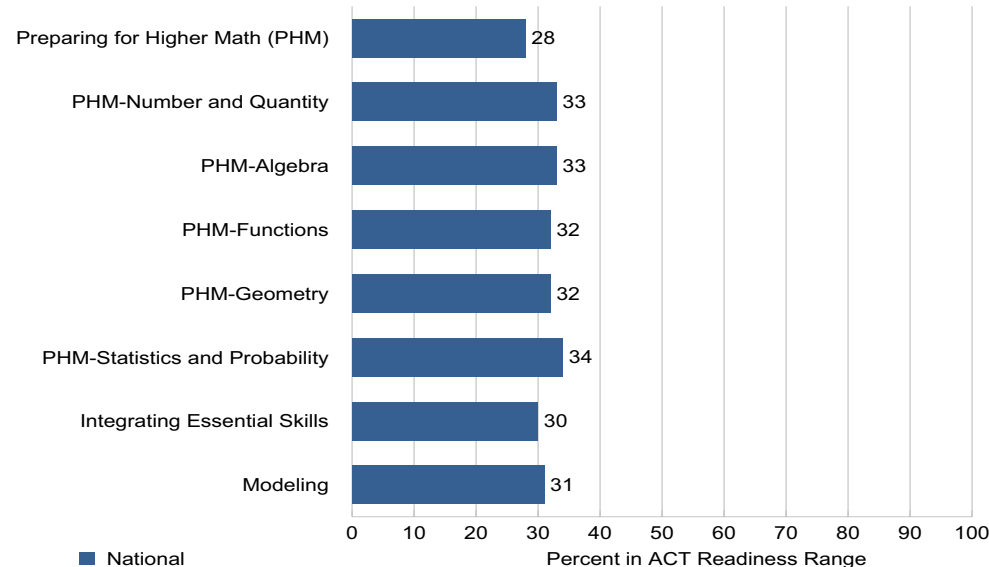


Figure 2.3. Math Reporting Categories



The charts on this page show the percent of students whose reporting category scores fall within associated ACT Readiness Ranges. ACT Readiness Ranges reflect where a student who has met a particular subject area's ACT College Readiness Benchmark would typically perform within the associated reporting category.

Total Students in Report: 1,386,335

Table 2.2. 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
National	All Students	1,386,335	41	21.9	19.3
	Black/African American	171,380	34	17.7	16.1
	American Indian/Alaska Native	13,616	28	18.1	16.1
	White	722,990	48	22.7	20.2
	Hispanic/Latino	234,031	33	19.8	17.7
	Asian	57,600	56	25.9	23.4
	Native Hawaiian/Other Pacific Islander	3,932	25	19.1	16.2
	Two or More Races	68,095	41	22.0	19.5
	Prefer not/no Response	114,691	14	23.7	20.6

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.

Table 2.3. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
National	All Students	1,386,335	100	18.6	19.0	20.1	19.6	19.5	19.6
	Black/African American	171,380	12	14.8	15.8	16.4	16.3	16.0	16.3
	American Indian/Alaska Native	13,616	1	14.5	16.0	16.4	16.5	16.0	16.5
	White	722,990	52	20.3	20.3	21.8	21.0	21.0	20.9
	Hispanic/Latino	234,031	17	16.2	17.2	17.9	17.7	17.4	17.7
	Asian	57,600	4	23.9	24.2	24.4	23.9	24.2	24.3
	Native Hawaiian/Other Pacific Islander	3,932	0	14.9	16.4	16.6	16.8	16.3	16.9
	Two or More Races	68,095	5	19.0	19.1	20.7	19.9	19.8	19.7
	Prefer not/no Response	114,691	8	16.2	17.6	18.0	17.9	17.6	18.0

Total Students in Report: 1,386,335

Table 2.4. Average ACT Composite Scores for Gender by Level of Preparation

Student Group	Gender ¹	Number of Students Tested	Percent Taking Core or More ²	Average ACT Composite Score	
				Core or More	Less Than Core
National	Males	643,247	39	22.2	19.1
	Females	674,852	45	21.7	19.4
	Other Responses	68,236	14	23.3	20.9

Table 2.5. Average ACT Scores by Gender

Student Group	Gender ¹	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
National	Males	643,247	46	18.2	19.4	19.7	19.8	19.4	19.9
	Females	674,852	49	19.2	18.8	20.6	19.6	19.7	19.4
	Other Responses	68,236	5	17.2	17.6	19.1	18.4	18.2	18.3

Table 2.6. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	23	23	25	23	23
Q2 (50th Percentile)	18	17	20	19	19
Q1 (25th Percentile)	13	15	14	15	15

¹'Other Responses' include 'Another Gender', 'Prefer Not to Respond', and missing values.

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.

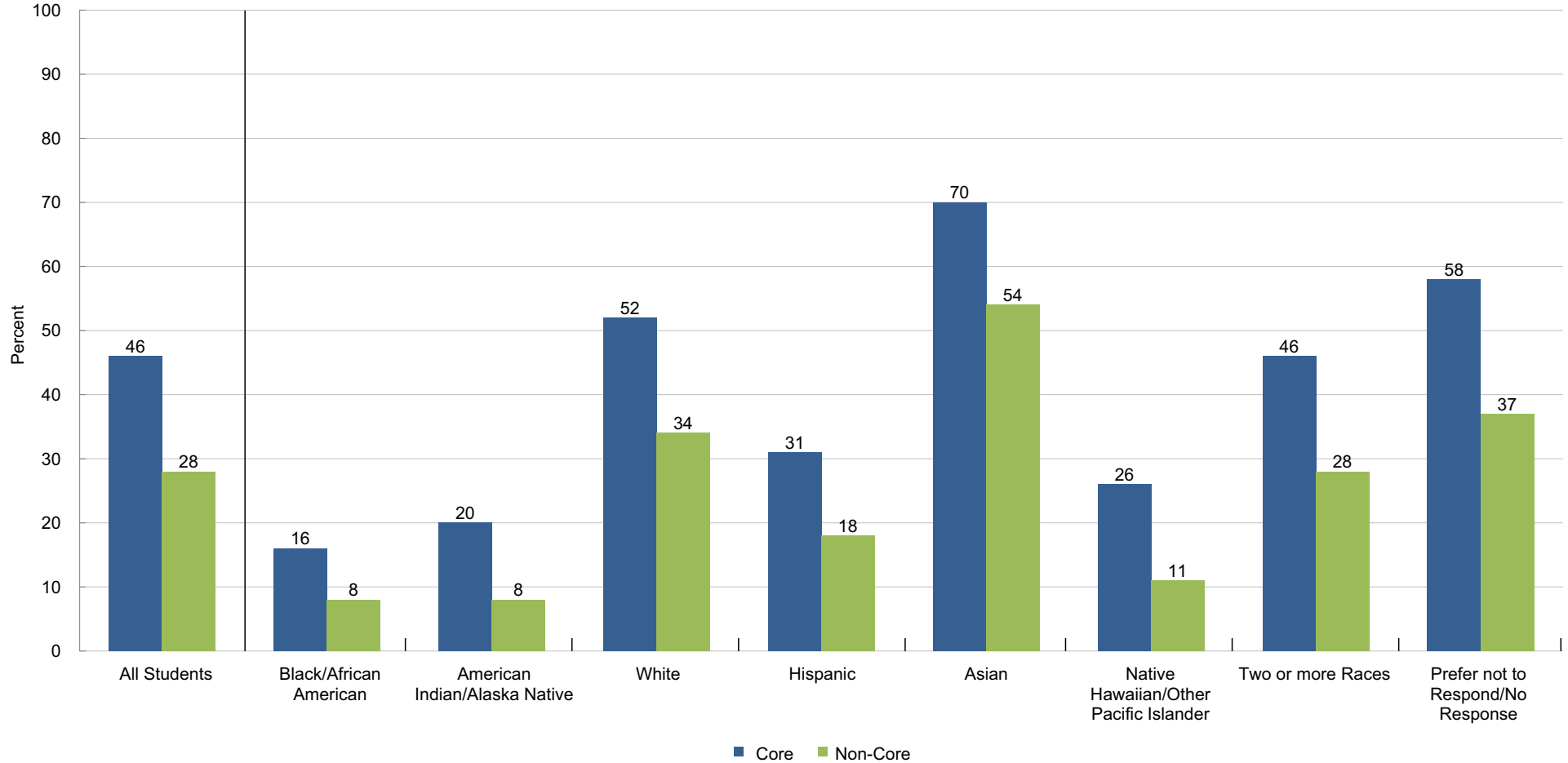
Total Students in Report: 1,386,335

Section III

College and Career Readiness and the Impact of Course Rigor

Total Students in Report: 1,386,335

Figure 3.1. Percent of Students Meeting 3 or 4 College Readiness Benchmarks by Core College Curriculum Status*



*Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Total Students in Report: 1,386,335

Table 3.1. Percent of Students in College and Career Readiness Standards (CCRS) Score Ranges

Student Group	CCRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
National	33 to 36	75,356	5	31,219	2	93,624	7	42,408	3
	28 to 32	92,796	7	91,401	7	148,617	11	91,200	7
	24 to 27	157,385	11	197,011	14	160,650	12	202,886	15
	20 to 23	265,490	19	186,782	13	296,098	21	314,755	23
	16 to 19	246,582	18	443,512	32	251,439	18	381,434	28
	13 to 15	245,744	18	377,200	27	221,283	16	215,864	16
	01 to 12	302,982	22	59,210	4	214,624	15	137,788	10

Table 3.2. Percent of Students Who Met College Readiness Benchmark Scores by Gender

Student Group	Gender ¹	Percent of Students				Met All Four
		English	Mathematics	Reading	Science	
National	Males	48	33	38	33	22
	Females	55	28	42	29	20
	Other Responses	42	20	34	23	14

¹Other Responses' include 'Another Gender', 'Prefer Not to Respond', and missing values.

Total Students in Report: 1,386,335

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

Student Group	Race/Ethnicity	N	English %	Mathematics %	Reading %	Science %	All Four %	STEM %
National	All Students	1,386,335	51	30	40	31	21	15
	Black/African American	171,380	26	8	17	9	5	3
	American Indian/Alaska Native	13,616	24	9	18	10	5	3
	White	722,990	63	38	50	40	27	20
	Hispanic/Latino	234,031	36	17	27	17	10	7
	Asian	57,600	75	62	63	58	49	44
	Native Hawaiian/Other Pacific Islander	3,932	27	12	19	12	7	5
	Two or More Races	68,095	53	29	43	32	21	16
Prefer Not to Respond	114,691	35	20	28	21	14	11	

Table 3.4. Likely ACT National Career Readiness Certificate (NCRC) Level Based Upon ACT Composite Score¹

Student Group	ACT NCRC Level	N	%	Average Composite
National	Platinum	192,520	14	30.0
	Gold	272,713	20	23.8
	Silver	404,386	29	18.9
	Bronze	396,449	29	14.5
	Needs Improvement	120,267	9	11.4

¹ The ACT Composite scores associated with at least a 50% chance of earning each ACT NCRC level or higher are: 13 for Bronze, 17 for Silver, 22 for Gold, and 27 for Platinum. Based on those cut scores, students who earned an ACT Composite score of less than 13 are classified as 'Needs improvement' as they are unlikely to obtain an ACT NCRC. Students with an ACT Composite score of 13 to 16 are classified as 'Bronze' as they are likely to obtain a Bronze NCRC, 17 to 21 as 'Silver', 22 to 26 as 'Gold', and 27 or above as 'Platinum'.

Visit www.act.org/NCRC-indicator to learn more.

Total Students in Report: 1,386,335

Table 3.5. College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite ⁴		STEM	
			%	Avg	%	Avg	%	Avg	%	Avg	%	Avg		
National	Core or More ²	567,731	69	21.5	45	21.2	55	22.7	45	21.8	33	21.9	25	21.8
	Less than Core	231,055	51	18.6	27	18.7	39	20.1	28	19.4	18	19.3	13	19.3
	Missing ³	587,549	34	15.9	17	17.1	26	17.7	18	17.6	10	17.2	7	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 College Readiness Benchmark % results reflect students who met all four subject-area benchmarks.

Table 3.6. College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum

Student Group	Curriculum Taken ¹	N	English			Mathematics			Reading			Science		
			%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	
National	Core or More ²	805,869	64	20.6	777,766	41	20.6	715,782	51	22.1	671,066	44	21.6	
	Less than Core	39,453	48	18.0	40,332	11	16.3	92,045	40	20.3	141,675	22	18.6	
	Missing ³	541,013	33	15.7	568,237	16	17.1	578,508	26	17.7	573,594	17	17.5	

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.

Total Students in Report: 1,386,335

Table 3.7. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Common Course Patterns

Course Pattern	N	National		
		Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
ENGLISH COURSE PATTERN				
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	206,329	15	20.6	64
Eng 9, Eng 10, Eng 11, Eng 12	599,540	43	20.6	64
Less than 4 years of English	39,453	3	18.0	48
Zero years / no English courses reported	541,013	39	15.7	33
MATHEMATICS COURSE PATTERN				
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	29,620	2	22.3	55
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	56,308	4	21.0	45
Alg 1, Alg 2, Geom, & Trig	28,780	2	18.6	25
Alg 1, Alg 2, Geom, & Other Adv Math	196,294	14	18.9	27
Other comb of 4 or more years of Math	319,480	23	23.1	59
Alg 1, Alg 2, & Geom	91,952	7	16.5	9
Other comb of 3 or 3.5 years of Math	55,332	4	19.0	29
Less than 3 years of Math	40,332	3	16.3	11
Zero years / no Math courses reported	568,237	41	17.1	16
SOCIAL SCIENCE COURSE PATTERN				
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	25,073	2	22.5	53
Other comb of 4 or more years Social Science	380,202	27	22.6	55
US Hist, World Hist, & Am Gov	59,507	4	20.0	38
Other comb of 3 or 3.5 years of Social Science	251,000	18	21.8	49
Less than 3 years of Social Science	92,045	7	20.3	40
Zero years / no Social Science courses reported	578,508	42	17.7	26
NATURAL SCIENCE COURSE PATTERN				
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	287,293	21	22.3	49
Bio, Chem, Phys	109,345	8	23.5	57
Gen Sci ¹ , Bio, Chem	245,426	18	20.3	34
Other comb of 3 years of Natural Science	29,002	2	19.0	25
Less than 3 years of Natural Science	141,675	10	18.6	22
Zero years / no Natural Science courses reported	573,594	41	17.5	17

¹Includes General, Physical and Earth Sciences.

Total Students in Report: 1,386,335

Table 3.8. College Readiness Benchmark (CRB) Percent and Average ACT Scores for Gender by Common Course Patterns

Course Pattern	Males				Females				Other Responses ¹			
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark	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	82,970	13	20.1	61	119,285	18	20.9	66	4,074	6	22.9	76
Eng 9, Eng 10, Eng 11, Eng 12	277,922	43	20.3	61	311,553	46	20.9	65	10,065	15	22.5	74
Less than 4 years of English	19,867	3	17.5	45	18,759	3	18.4	51	827	1	20.1	61
Zero years / no English courses reported	262,488	41	15.3	30	225,255	33	16.1	35	53,270	78	15.7	33
MATHEMATICS COURSE PATTERN												
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	13,557	2	23.0	60	15,570	2	21.7	51	493	1	22.4	56
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	20,746	3	21.4	50	34,638	5	20.7	43	924	1	21.8	52
Alg 1, Alg 2, Geom, & Trig	12,873	2	19.0	28	15,298	2	18.3	22	609	1	19.3	30
Alg 1, Alg 2, Geom, & Other Adv Math	73,256	11	19.2	30	119,710	18	18.7	25	3,328	5	19.8	33
Other comb of 4 or more years of Math	157,954	25	23.8	63	156,544	23	22.4	55	4,982	7	23.4	61
Alg 1, Alg 2, & Geom	41,521	6	16.7	11	48,511	7	16.3	7	1,920	3	17.1	13
Other comb of 3 or 3.5 years of Math	27,194	4	19.3	31	27,074	4	18.6	26	1,064	2	19.1	28
Less than 3 years of Math	19,810	3	16.3	11	19,538	3	16.2	10	984	1	17.0	14
Zero years / no Math courses reported	276,336	43	17.3	18	237,969	35	16.9	15	53,932	79	16.8	14
SOCIAL SCIENCE COURSE PATTERN												
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	13,255	2	22.1	51	11,340	2	22.9	54	478	1	25.1	67
Other comb of 4 or more years Social Science	158,079	25	22.4	53	216,040	32	22.7	55	6,083	9	24.8	68
US Hist, World Hist, & Am Gov	30,653	5	19.9	38	27,751	4	20.0	37	1,103	2	22.8	56
Other comb of 3 or 3.5 years of Social Science	112,385	17	21.7	49	134,018	20	21.8	49	4,597	7	24.3	66
Less than 3 years of Social Science	46,696	7	19.9	38	43,523	6	20.6	41	1,826	3	22.4	53
Zero years / no Social Science courses reported	282,179	44	17.3	24	242,180	36	18.1	27	54,149	79	17.8	27
NATURAL SCIENCE COURSE PATTERN												
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci ² , Bio, Chem, & Phys	140,086	22	22.9	53	142,729	21	21.8	45	4,478	7	23.2	55
Bio, Chem, Phys	52,927	8	24.2	62	54,553	8	22.7	52	1,865	3	24.4	63
Gen Sci ¹ , Bio, Chem	94,513	15	20.4	35	146,545	22	20.3	33	4,368	6	21.5	44
Other comb of 3 years of Natural Science	15,741	2	19.5	30	12,618	2	18.3	20	643	1	19.8	35
Less than 3 years of Natural Science	60,318	9	18.4	22	78,483	12	18.7	22	2,874	4	19.8	32
Zero years / no Natural Science courses reported	279,662	43	17.6	19	239,924	36	17.5	16	54,008	79	17.4	17

¹ 'Other Responses' include 'Another Gender', 'Prefer Not to Respond', and missing values.

² Includes General, Physical and Earth Sciences.

Total Students in Report: 1,386,335

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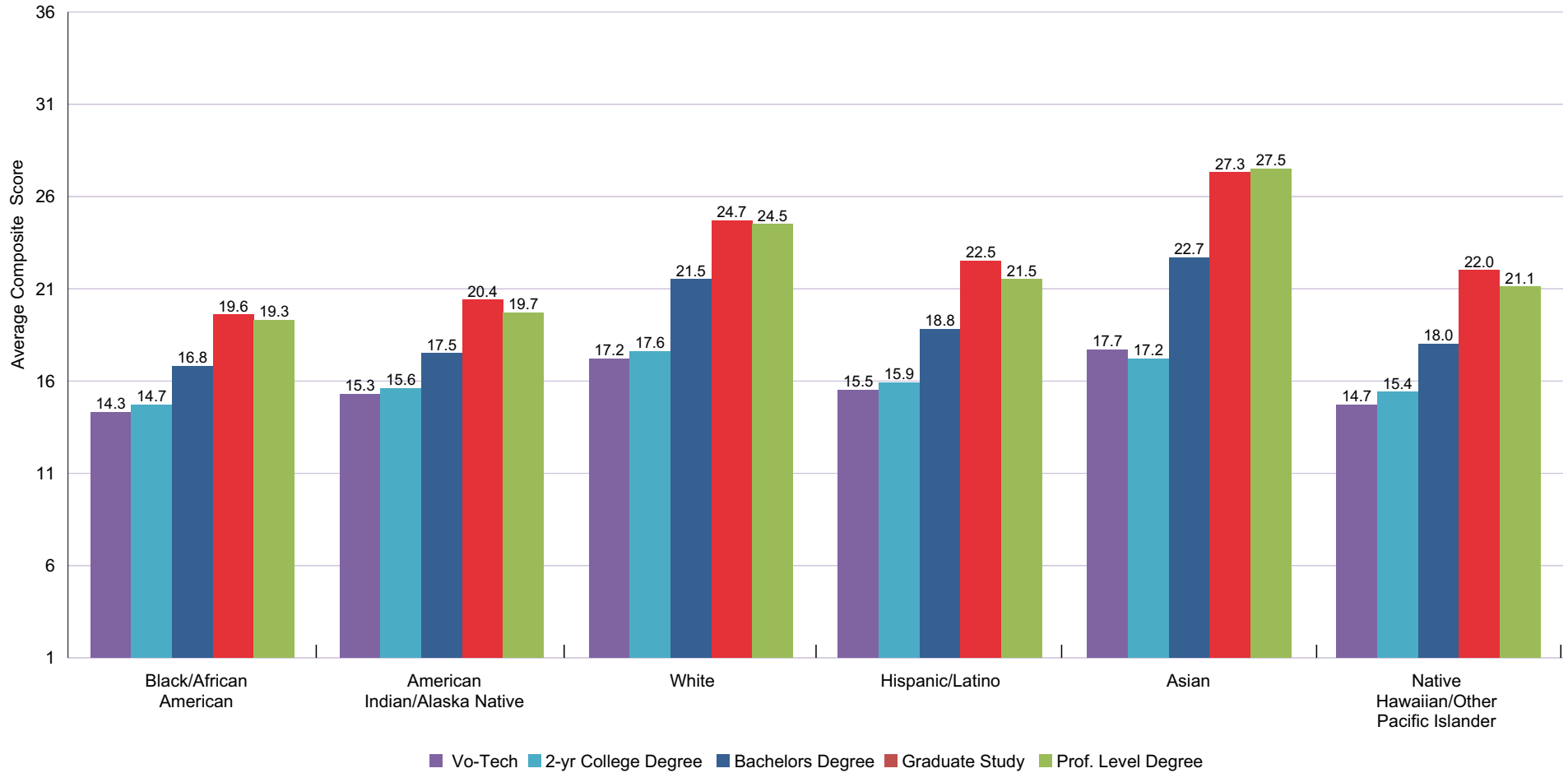
Total Students in Report: 1,386,335

Section IV

Career and Educational Aspirations

Total Students in Report: 1,386,335

Figure 4.1. Average ACT Composite Scores by Race and Student Postsecondary Aspirations*



*Missing columns reflect combinations of race/ethnicity and postsecondary aspiration in which one or both indicators are missing.

Total Students in Report: 1,386,335

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	Avg ACT Comp	N	Percent	Avg ACT Comp
Agriculture & Natural Resources Conservation	16,965	1	19.4	2,599	4	16.5	11,572	2	20.7
Architecture	12,588	1	20.6	859	1	16.2	9,901	1	21.6
Area, Ethnic, & Multidisciplinary Studies	1,048	0	20.3	85	0	14.2	741	0	22.2
Arts: Visual & Performing	41,838	3	20.5	4,116	6	17.4	30,585	4	21.6
Business	112,066	8	20.3	10,660	14	16.0	86,144	13	21.3
Communications	11,325	1	21.2	477	1	17.1	9,563	1	21.8
Community, Family, & Personal Services	14,151	1	17.9	2,441	3	16.6	9,430	1	18.9
Computer Science & Mathematics	40,538	3	24.1	2,066	3	18.6	33,879	5	24.7
Education	33,820	2	19.8	1,218	2	15.5	28,756	4	20.3
Engineering	74,358	5	23.2	4,541	6	16.3	60,296	9	24.4
Engineering Technology & Drafting	13,291	1	19.6	2,043	3	16.3	8,856	1	21.3
English & Foreign Languages	7,443	1	23.3	359	0	17.8	6,119	1	24.3
Health Administration & Assisting	36,288	3	17.6	3,921	5	15.9	26,648	4	18.2
Health Sciences & Technologies	121,004	9	21.0	6,005	8	17.2	104,798	15	21.4
Philosophy, Religion, & Theology	3,110	0	21.0	215	0	16.6	2,445	0	21.9
Repair, Production, & Construction	15,348	1	16.8	8,245	11	17.0	3,110	0	18.4
Sciences: Biological & Physical	70,301	5	23.8	1,046	1	17.1	63,233	9	24.0
Social Sciences & Law	59,656	4	22.1	1,494	2	16.7	52,598	8	22.5
Undecided	227,671	16	20.4	20,737	28	16.9	130,416	19	22.1
No Response	473,379	34	16.6	752	1	16.8	4,423	1	20.7

¹2-Year and 4-Year "N" counts do not reflect students indicating no college plans, "Other" college plans, and missing responses. 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: 1,386,335

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	25,737	16.5	3,039	14.3	336	15.3	15,979	17.2	4,269
2-yr College Degree	48,161	16.8	6,394	14.7	659	15.6	27,964	17.6	8,853	15.9
Bachelors Degree	377,509	20.6	41,032	16.8	2,812	17.5	237,478	21.5	54,006	18.8
Graduate Study	150,166	24.2	11,166	19.6	628	20.4	98,383	24.7	16,696	22.5
Prof. Level Degree	155,916	23.7	18,780	19.3	900	19.7	85,300	24.5	22,602	21.5
Other	17,089	17.9	2,423	14.8	207	15.5	9,047	18.9	3,122	16.1
No Response	570,540	17.1	81,510	14.6	7,252	14.8	228,219	18.8	115,784	15.6

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	25,737	16.5	289	17.7	59	14.7	1,262	16.8	504
2-yr College Degree	48,161	16.8	877	17.2	175	15.4	2,356	17.0	883	16.9
Bachelors Degree	377,509	20.6	14,568	22.7	772	18.0	18,533	20.5	8,308	21.5
Graduate Study	150,166	24.2	10,693	27.3	224	22.0	7,217	24.5	5,159	25.4
Prof. Level Degree	155,916	23.7	14,069	27.5	223	21.1	8,413	23.8	5,629	25.7
Other	17,089	17.9	482	22.2	41	16.2	871	17.6	896	20.2
No Response	570,540	17.1	15,879	21.5	2,236	15.1	27,455	17.6	92,205	16.3

Total Students in Report: 1,386,335

Table 4.3. Students' Score Report Preferences at Time of Testing (table omitted for this report)

Total Students in Report: 1,386,335

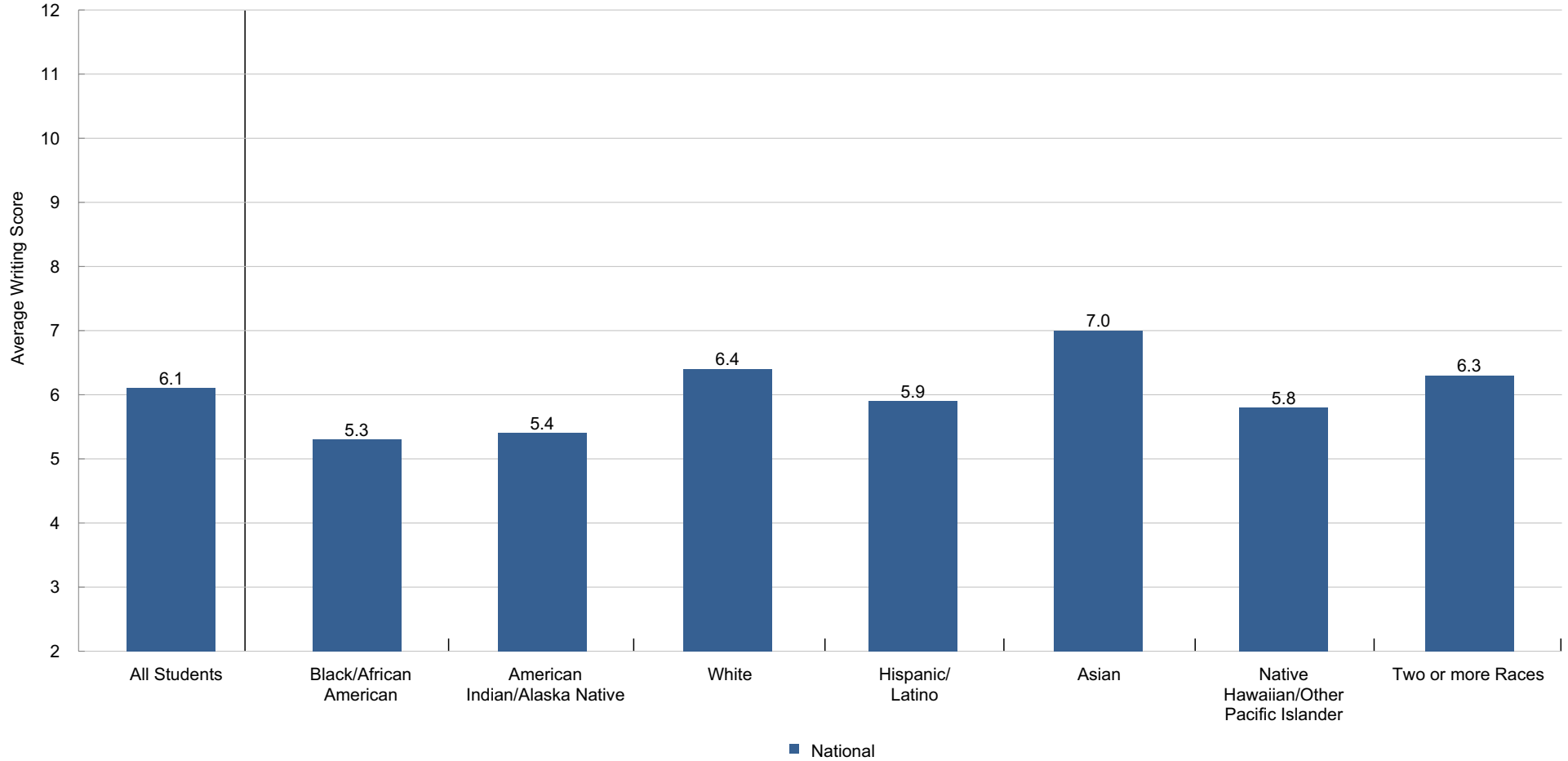
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Total Students in Report: 1,386,335

Section V Optional Writing Test Results

Total Students in Report: 1,386,335

Figure 5.1. Average ACT Writing Scores by Race/Ethnicity*



*Missing columns reflect race/ethnicity groupings that are missing.

Total Students in Report: 1,386,335

Table 5.1. Average ACT English Language Arts Constituent Scores by Race/Ethnicity and Gender¹ for Students Who Took ACT Writing

	N National	English National	Average ACT Scores	
			Reading National	Writing National
All Students	380,279	17.6	19.2	6.1
Black/African American	34,333	14.3	16.0	5.3
American Indian/Alaska Native	7,338	14.0	15.9	5.4
White	179,047	19.4	21.0	6.4
Hispanic/Latino	87,670	15.5	17.1	5.9
Asian	17,507	21.1	22.2	7.0
Native Hawaiian/Other Pacific Islander	1,849	13.9	15.6	5.8
Two or More Races	23,574	18.1	19.7	6.3
Prefer not/No Response	28,961	15.6	17.3	5.5
Males	179,404	17.1	18.8	5.8
Females	183,457	18.1	19.6	6.4
Other Responses	17,418	18.1	19.8	6.1

Table 5.2. Average ACT English Language Arts Outcomes by Race/Ethnicity and Gender¹ for Students Who Took ACT Writing

	N National	Average ACT Scores	
		Average ELA Score National	Percent Who Met ELA Benchmark National
All Students	380,279	17.6	35
Black/African American	34,333	14.5	14
American Indian/Alaska Native	7,338	14.4	13
White	179,047	19.2	46
Hispanic/Latino	87,670	15.9	23
Asian	17,507	20.7	54
Native Hawaiian/Other Pacific Islander	1,849	14.8	14
Two or More Races	23,574	18.1	38
Prefer not/No Response	28,961	15.6	23
Males	179,404	16.9	31
Females	183,457	18.2	39
Other Responses	17,418	17.9	38

¹ 'Other responses' include 'Another Gender', 'Prefer Not to Respond', and missing values.

