



Profile Report - National

Graduating Class 2022

National



New to your 2022 Profile Report

For 2021-2022, contents of the ACT Profile Report remain consistent with last year.

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We are pleased to provide this 2022 Graduating Class ACT Profile Report. This report summarizes the preparation and performance of your 2022 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: 1,349,644

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

How to Improve Scores and Increase College Readiness

22% 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: 1,349,644 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. 47% 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 3.8 reports 3% of the cohort took less than three years of math courses. Of these students, 9% were college ready. 7% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 8% 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 3.8 reports 11% of the cohort took less than three years of natural science courses. 23% 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 62% 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 Service at 319-337-1365 or customerservices@act.org.

Section I

Executive Summary

Total Students in Report: 1,349,644

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

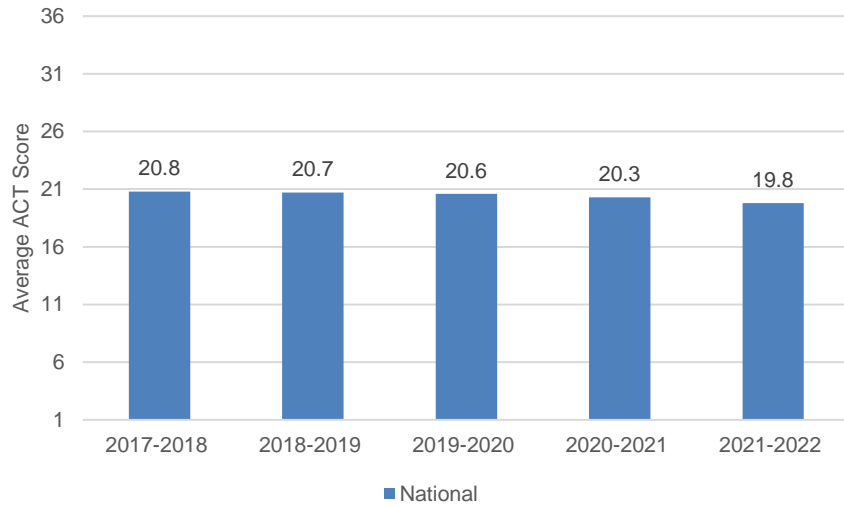


Figure 1.2. Percent Meeting 3 or 4 Benchmarks: 5 Years of Testing*

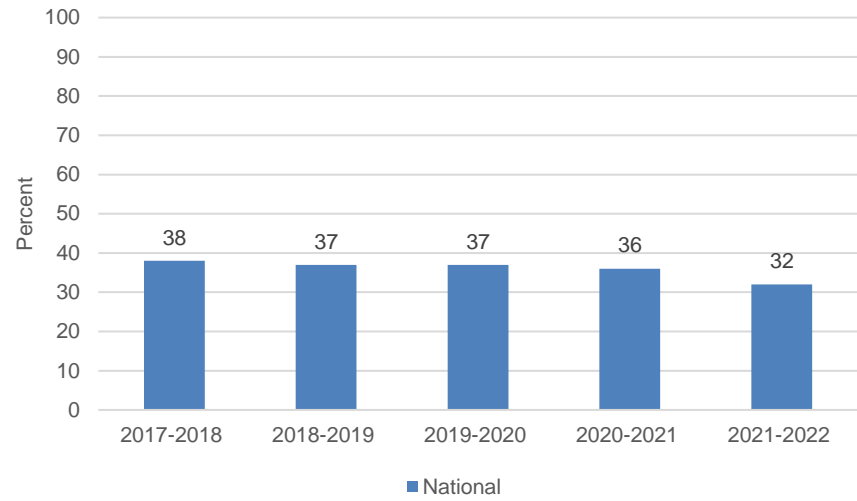


Figure 1.3. Percent Meeting STEM Benchmark: 5 Years of Testing*

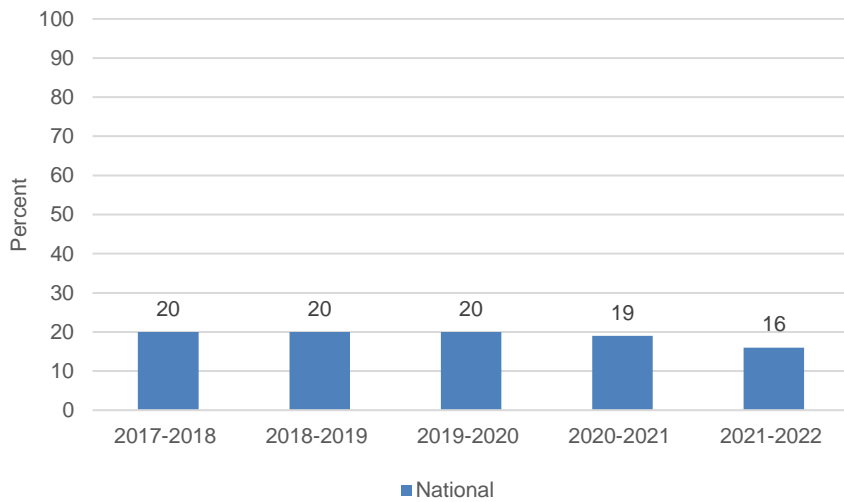
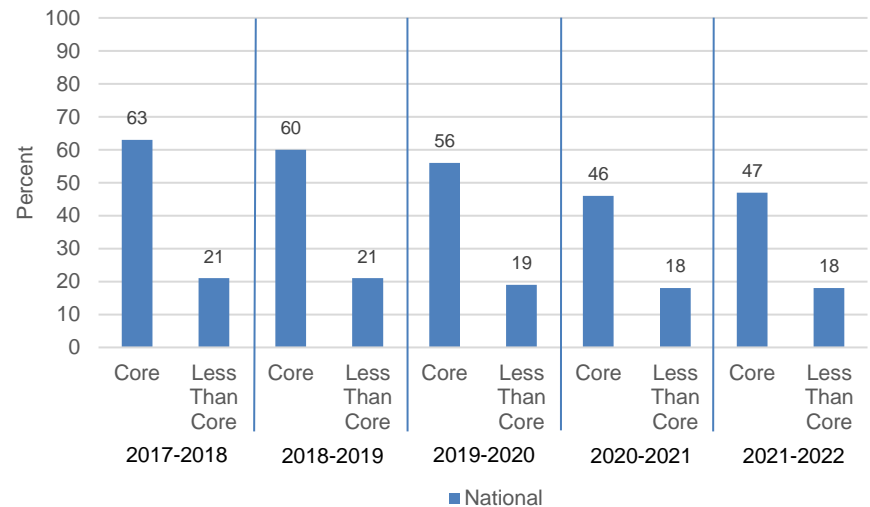


Figure 1.4. Percent Taking A Core Curriculum: 5 Years of Testing*



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

Total Students in Report: 1,349,644

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

Year	Number of Students	Percent Who Met Benchmarks				
	Tested National	English National	Mathematics National	Reading National	Science National	Met All Four National
2018	1,914,817	60	40	46	36	27
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

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
2018	1,914,817	20.2	20.5	21.3	20.7	20.8
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

Total Students in Report: 1,349,644

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
2018	1,200,072	402,680	63	21	21.8	18.1	21.7	18.8	22.7	19.4	21.9	19.0	22.2	19.0
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

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	2018			2019			2020			2021			2022		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,914,817	100	20.8	1,782,820	100	20.7	1,670,497	100	20.6	1,295,349	100	20.3	1,349,644	100	19.8
Black/African American	243,080	13	16.9	220,627	12	16.8	203,517	12	16.7	153,641	12	16.3	153,579	11	16.1
American Indian/Alaska Native	15,449	1	17.3	15,496	1	17.0	14,597	1	16.7	10,094	1	16.9	10,728	1	16.4
White	996,712	52	22.2	918,937	52	22.1	860,496	52	22.0	698,565	54	21.7	708,952	53	21.3
Hispanic/Latino	307,358	16	18.8	293,100	16	18.7	277,796	17	18.5	181,958	14	18.3	210,205	16	17.7
Asian	91,899	5	24.5	83,507	5	24.6	78,707	5	24.9	54,272	4	24.9	54,464	4	24.7
Native Hawaiian/Other Pacific Islander	5,753	0	18.2	4,965	0	17.9	4,726	0	17.5	3,450	0	17.2	2,961	0	17.1
Two or more races	85,316	4	21.1	80,629	5	21.0	76,782	5	20.9	58,528	5	20.6	64,330	5	20.1
Prefer not to respond/No response	169,250	9	19.8	165,559	9	19.7	153,876	9	19.7	134,841	10	19.2	144,425	11	17.6

Total Students in Report: 1,349,644

Table 1.6. Five Year Trends—Achievement in STEM¹

Year	All Tested Students			Students Meeting STEM Benchmarks	
	Number of Students Tested National	Avg. STEM Score National	Percent Meeting STEM Benchmark National	Avg. Mathematics Score National	Avg. Science Score National
2018	1,914,817	20.9	20	28.8	28.8
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

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
2018	1,010,339	53	16.3	492,937	26	23.6	411,541	21	31.0
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

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

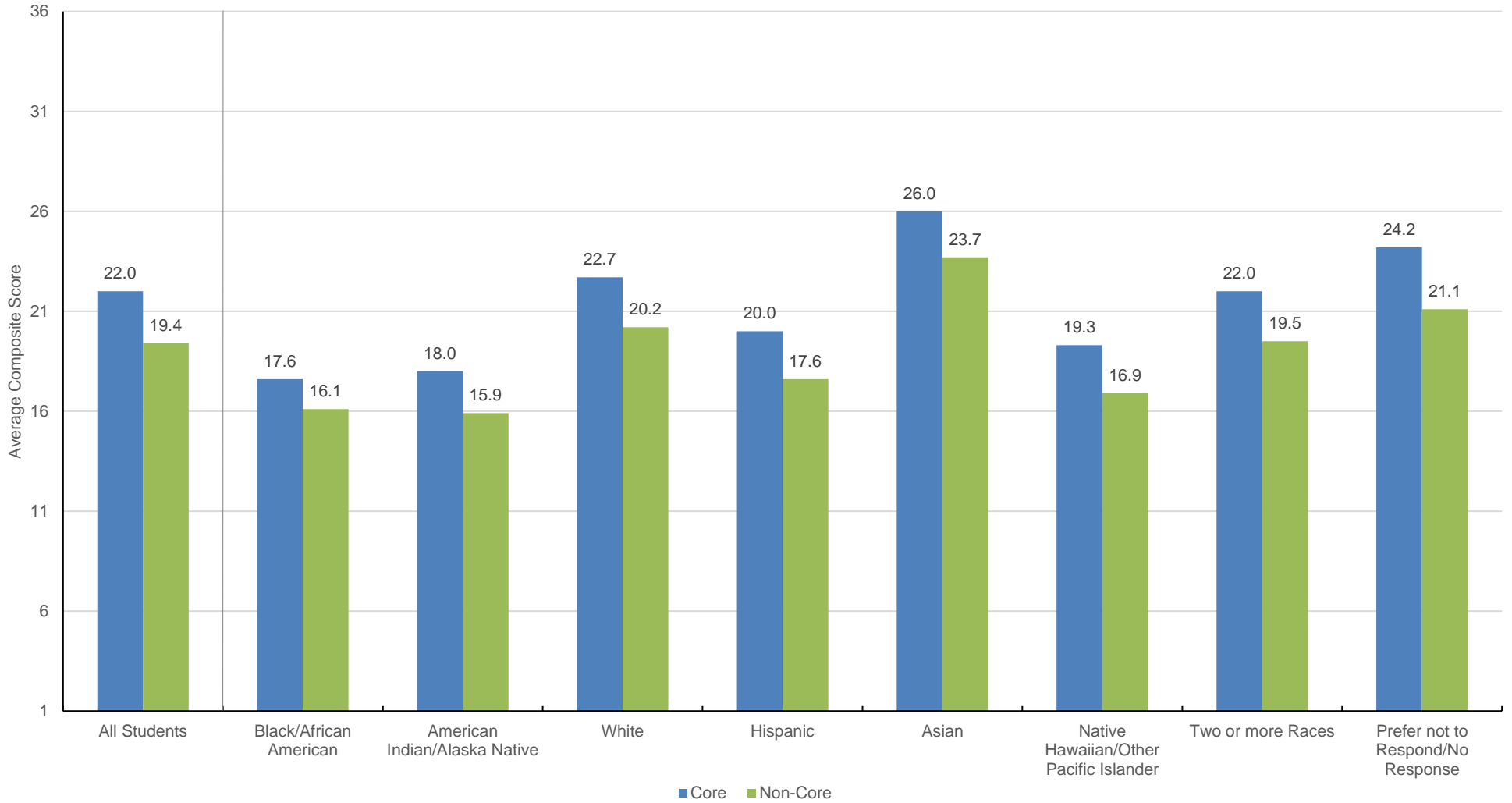
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Section II

Academic Achievement

Total Students in Report: 1,349,644

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: 1,349,644

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	11,716	100	4,807	100	24,857	100	7,918	100	3,376	100	4,984	100	47	100	36
35	35,401	99	11,519	99	26,385	98	11,771	99	10,460	99	9,071	99	132	99	35
34	21,923	97	10,270	99	24,418	96	13,985	99	15,941	99	10,453	99	657	99	34
33	18,561	95	9,456	98	29,248	94	15,426	98	15,941	98	12,106	98	1,849	99	33
32	15,850	94	11,050	97	28,872	92	10,639	96	18,733	97	14,215	97	3,547	99	32
31	12,460	92	13,662	97	27,570	90	20,954	96	21,647	95	16,824	96	5,339	98	31
30	18,398	91	19,522	95	29,052	88	19,226	94	25,172	94	19,992	95	5,650	97	30
29	21,894	90	18,251	94	31,991	86	20,057	93	27,627	92	24,200	94	6,133	95	29
28	23,919	88	32,078	93	29,996	84	18,545	91	31,200	90	28,547	92	6,637	93	28
27	24,733	87	42,348	90	29,527	81	26,494	90	36,307	88	35,565	90	7,350	91	27
26	32,219	85	53,959	87	30,006	79	42,699	88	41,737	85	46,157	87	8,312	89	26
25	46,514	82	49,456	83	40,934	77	60,830	85	48,428	82	54,891	84	9,760	86	25
24	55,015	79	52,128	80	55,668	74	78,794	80	54,617	78	58,673	79	11,324	83	24
23	56,215	75	49,563	76	66,484	70	88,143	74	60,960	74	59,427	75	13,595	80	23
22	54,236	71	43,652	72	79,608	65	67,908	68	66,825	70	63,241	71	15,293	76	22
21	81,694	67	44,430	69	68,556	59	78,155	63	72,476	65	70,060	66	16,907	71	21
20	72,706	61	52,935	65	75,093	54	83,585	57	76,500	59	79,886	61	18,374	66	20
19	59,583	55	61,607	62	60,615	48	88,129	51	79,289	54	89,520	55	19,646	61	19
18	51,918	51	85,972	57	57,570	44	93,040	44	82,763	48	103,026	48	20,091	55	18
17	52,193	47	118,097	51	67,248	40	86,982	37	85,653	42	112,213	41	20,789	49	17
16	67,567	43	175,509	42	59,883	35	86,518	31	88,519	35	115,942	32	21,109	43	16
15	95,937	38	163,124	29	68,234	30	78,241	24	92,363	29	111,820	24	21,237	36	15
14	79,013	31	124,465	17	76,580	25	69,195	19	96,330	22	92,658	15	20,897	30	14
13	59,379	25	57,920	8	71,815	19	50,236	14	94,159	15	65,836	9	19,448	24	13
12	64,581	21	23,222	3	81,164	14	50,951	10	65,922	8	31,664	4	17,038	18	12
11	73,053	16	9,803	2	57,933	8	38,203	6	26,236	3	11,446	1	14,232	13	11
10	78,129	11	4,793	1	25,142	4	21,894	3	7,722	1	4,005	1	10,340	8	10
9	32,329	5	2,613	1	11,959	2	11,620	2	2,809	1	1,534	1	6,681	5	9
8	14,403	2	1,562	1	6,245	1	4,697	1	1,245	1	798	1	6,053	3	8
7	9,878	1	754	1	2,656	1	2,543	1	577	1	421	1	3,341	1	7
6	4,627	1	343	1	2,038	1	979	1	275	1	226	1	977	1	6
5	1,963	1	300	1	1,126	1	445	1	126	1	127	1	287	1	5
4	773	1	225	1	532	1	345	1	53	1	62	1	88	1	4
3	520	1	86	1	199	1	268	1	16	1	37	1	26	1	3
2	220	1	49	1	298	1	66	1	4	1	11	1	8	1	2
1	124	1	114	1	142	1	163	1	2	1	6	1	0	1	1
Avg (SD)	19.0 (7.1)		19.3 (5.6)		20.4 (7.1)		19.9 (5.9)		19.8 (5.9)		19.9 (5.5)		18.3 (6.0)		Avg (SD)

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

² ELA 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: 1,349,644

Figure 2.2. English Reporting Categories

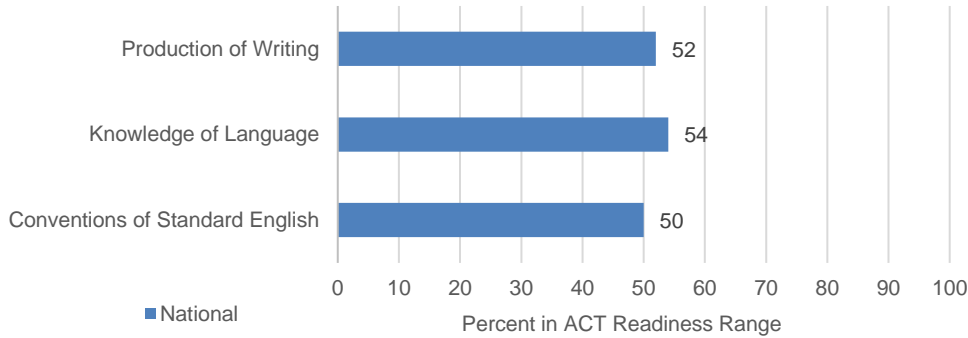


Figure 2.3. Math Reporting Categories

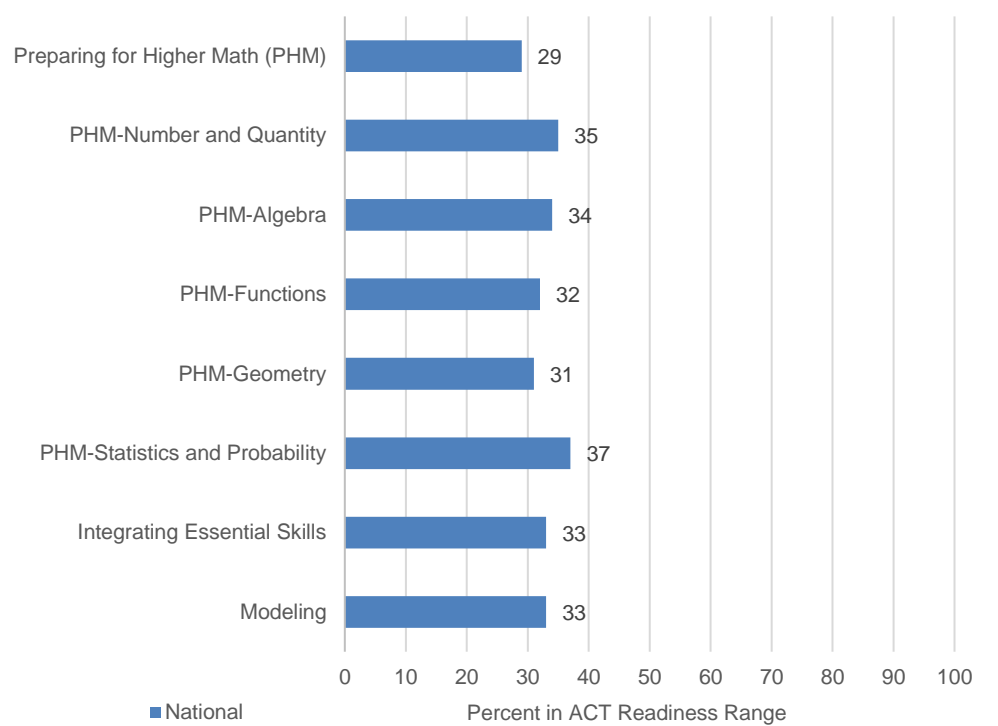


Figure 2.4. Reading Reporting Categories

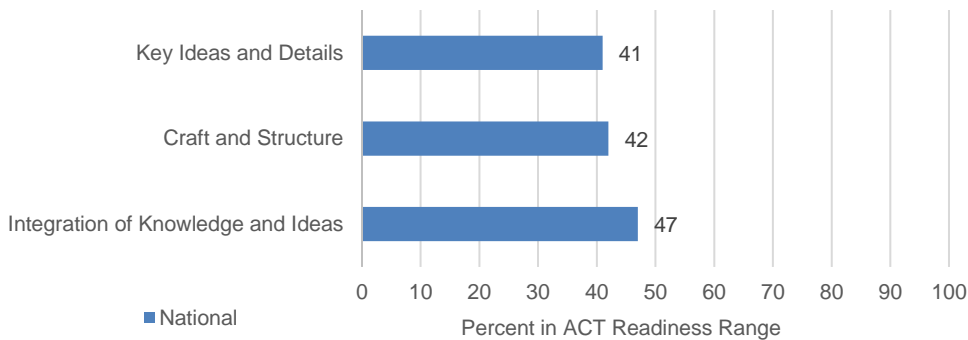
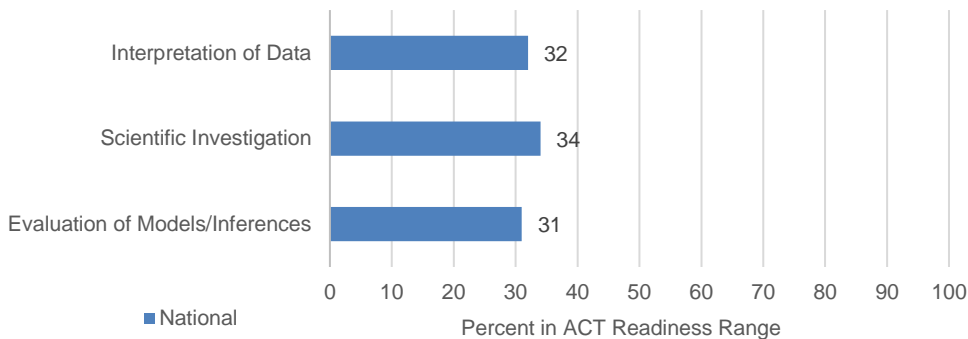


Figure 2.5. Science Reporting Categories



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: 1,349,644

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	1,349,644	47	22.0	19.4
	Black/African American	153,579	42	17.6	16.1
	American Indian/Alaska Native	10,728	39	18.0	15.9
	White	708,952	57	22.7	20.2
	Hispanic/Latino	210,205	39	20.0	17.6
	Asian	54,464	65	26.0	23.7
	Native Hawaiian/Other Pacific Islander	2,961	36	19.3	16.9
	Two or More Races	64,330	48	22.0	19.5
	Prefer not/No Response	144,425	13	24.2	21.1

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	1,349,644	100	19.0	19.3	20.4	19.9	19.8	19.9
	Black/African American	153,579	11	15.0	16.0	16.6	16.5	16.1	16.5
	American Indian/Alaska Native	10,728	1	14.9	16.4	16.9	16.9	16.4	16.9
	White	708,952	53	20.7	20.6	22.1	21.3	21.3	21.2
	Hispanic/Latino	210,205	16	16.6	17.5	18.3	18.0	17.7	18.0
	Asian	54,464	4	24.5	24.7	24.9	24.3	24.7	24.8
	Native Hawaiian/Other Pacific Islander	2,961	0	15.9	17.2	17.3	17.5	17.1	17.6
	Two or More Races	64,330	5	19.4	19.4	20.9	20.1	20.1	20.0
	Prefer not/No Response	144,425	11	16.4	17.5	18.0	17.9	17.6	17.9

Total Students in Report: 1,349,644

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	631,336	45	22.2	19.1
	Females	674,287	51	21.8	19.5
	Other Responses	44,021	17	23.4	21.0

Table 2.5. Average ACT Scores by Gender

Student Group	Gender ¹	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
National	Males	631,336	47	18.5	19.7	20.0	20.0	19.7	20.1
	Females	674,287	50	19.6	19.1	20.9	19.9	20.0	19.7
	Other Responses	44,021	3	17.5	17.8	19.2	18.4	18.3	18.3

Table 2.6. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	24	23	25	24	24
Q2 (50th Percentile)	18	17	20	19	19
Q1 (25th Percentile)	13	15	14	16	15

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

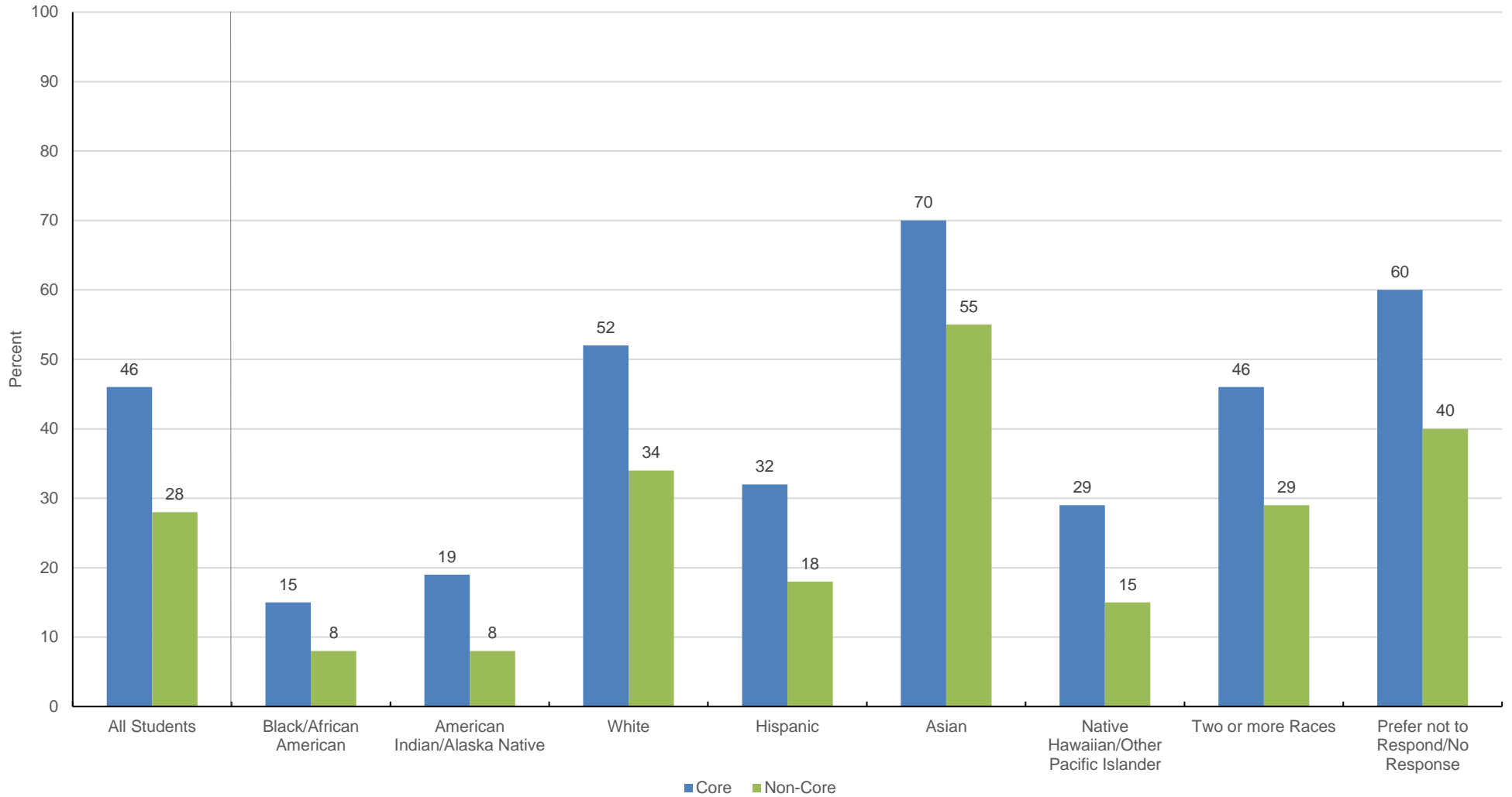
² "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Section III

College and Career Readiness and the Impact of Course Rigor

Total Students in Report: 1,349,644

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: 1,349,644

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	87,601	6	36,052	3	104,908	8	49,100	4
	28 to 32	92,521	7	94,563	7	147,481	11	89,421	7
	24 to 27	158,481	12	197,891	15	156,135	12	208,817	15
	20 to 23	264,851	20	190,580	14	289,741	21	317,791	24
	16 to 19	231,261	17	441,185	33	245,316	18	354,669	26
	13 to 15	234,329	17	345,509	26	216,629	16	197,672	15
	01 to 12	280,600	21	43,864	3	189,434	14	132,174	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	50	34	39	34	23
	Females	57	29	43	31	21
	Other Responses	43	20	34	24	15

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

Total Students in Report: 1,349,644

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	1,349,644	53	31	41	32	22	16
	Black/African American	153,579	27	9	18	10	5	3
	American Indian/Alaska Native	10,728	27	11	20	12	6	4
	White	708,952	65	40	51	42	29	21
	Hispanic/Latino	210,205	38	18	28	19	11	8
	Asian	54,464	77	64	65	60	51	46
	Native Hawaiian/Other Pacific Islander	2,961	32	16	23	16	10	7
	Two or More Races	64,330	55	31	44	33	22	17
	Prefer Not to Respond	144,425	36	20	27	20	14	10

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	204,038	15	30.2
	Gold	272,567	20	23.8
	Silver	396,681	29	18.9
	Bronze	371,371	28	14.5
	Needs Improvement	104,987	8	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: 1,349,644

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	%	Avg
National	Core or More ²	641,028	69	21.6	45	21.2	55	22.8	45	21.9	33	22.0	25	21.8
	Less than Core	246,319	50	18.6	27	18.8	38	20.0	28	19.5	18	19.4	13	19.4
	Missing ³	462,297	32	15.6	15	17.0	24	17.4	16	17.3	9	17.0	6	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 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	English			Mathematics			Reading			Science		
		N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
National	Core or More ²	880,336	64	20.8	856,871	41	20.8	794,894	51	22.2	754,313	44	21.7
	Less than Core	37,518	47	17.9	43,812	9	16.2	101,036	40	20.3	144,453	23	18.6
	Missing ³	431,790	31	15.5	448,961	15	17.0	453,714	24	17.4	450,878	16	17.3

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: 1,349,644

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

Course Pattern		National		
	N	Percent Taking Pattern	Avg ACT English	Percent Who Met Benchmark
ENGLISH COURSE PATTERN				
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	223,515	17	20.7	64
Eng 9, Eng 10, Eng 11, Eng 12	656,821	49	20.8	64
Less than 4 years of English	37,518	3	17.9	47
Zero years / no English courses reported	431,790	32	15.5	31
MATHEMATICS COURSE PATTERN				
	N	Percent Taking Pattern	Avg ACT Math	Percent Who Met Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	35,852	3	22.3	54
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	63,897	5	20.8	44
Alg 1, Alg 2, Geom, & Trig	34,170	3	18.5	23
Alg 1, Alg 2, Geom, & Other Adv Math	202,627	15	18.9	27
Other comb of 4 or more years of Math	363,406	27	23.2	59
Alg 1, Alg 2, & Geom	95,870	7	16.5	8
Other comb of 3 or 3.5 years of Math	61,049	5	19.1	29
Less than 3 years of Math	43,812	3	16.2	9
Zero years / no Math courses reported	448,961	33	17.0	15
SOCIAL SCIENCE COURSE PATTERN				
	N	Percent Taking Pattern	Avg ACT Reading	Percent Who Met Benchmark
US Hist, World Hist, Am Gov, & Other Hist	28,220	2	22.5	53
Other comb of 4 or more years Social Science	422,741	31	22.7	54
US Hist, World Hist, & Am Gov	64,365	5	20.0	37
Other comb of 3 or 3.5 years of Social Science	279,568	21	21.9	49
Less than 3 years of Social Science	101,036	7	20.3	40
Zero years / no Social Science courses reported	453,714	34	17.4	24
NATURAL SCIENCE COURSE PATTERN				
	N	Percent Taking Pattern	Avg ACT Science	Percent Who Met Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	337,791	25	22.3	49
Bio, Chem, Phys	126,200	9	23.6	58
Gen Sci ¹ , Bio, Chem	259,786	19	20.3	33
Other comb of 3 years of Natural Science	30,536	2	18.9	25
Less than 3 years of Natural Science	144,453	11	18.6	23
Zero years / no Natural Science courses reported	450,878	33	17.3	16

¹Includes General, Physical and Earth Sciences.

Total Students in Report: 1,349,644

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	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark	N	Percent	ACT English	% Who Met Benchmark
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	90,367	14	20.2	60	130,126	19	21.0	66	3,022	7	22.8	75
Eng 9, Eng 10, Eng 11, Eng 12	306,045	48	20.4	62	342,715	51	21.1	66	8,061	18	22.7	74
Less than 4 years of English	19,028	3	17.3	43	17,850	3	18.3	51	640	1	20.2	61
Zero years / no English courses reported	215,896	34	15.1	28	183,596	27	15.9	33	32,298	73	15.7	32
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	16,193	3	23.0	59	19,214	3	21.6	50	445	1	22.5	55
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	23,541	4	21.3	48	39,654	6	20.5	41	702	2	21.7	53
Alg 1, Alg 2, Geom, & Trig	15,464	2	18.9	27	18,147	3	18.1	20	559	1	18.8	28
Alg 1, Alg 2, Geom, & Other Adv Math	76,227	12	19.2	30	124,055	18	18.8	25	2,345	5	19.7	33
Other comb of 4 or more years of Math	178,934	28	23.9	64	180,318	27	22.5	55	4,154	9	23.7	61
Alg 1, Alg 2, & Geom	44,384	7	16.7	10	49,945	7	16.3	7	1,541	4	17.3	14
Other comb of 3 or 3.5 years of Math	29,935	5	19.5	32	30,239	4	18.8	27	875	2	19.3	30
Less than 3 years of Math	22,033	3	16.2	9	21,019	3	16.1	9	760	2	16.7	12
Zero years / no Math courses reported	224,625	36	17.2	17	191,696	28	16.7	13	32,640	74	16.7	13
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	15,164	2	22.1	51	12,688	2	23.0	55	368	1	25.7	72
Other comb of 4 or more years Social Science	177,377	28	22.5	53	240,278	36	22.8	55	5,086	12	24.8	66
US Hist, World Hist, & Am Gov	33,414	5	19.8	37	30,086	4	20.2	38	865	2	22.4	52
Other comb of 3 or 3.5 years of Social Science	125,980	20	21.7	49	150,096	22	22.0	50	3,492	8	24.4	64
Less than 3 years of Social Science	51,924	8	19.9	38	47,648	7	20.7	41	1,464	3	22.8	55
Zero years / no Social Science courses reported	227,477	36	17.1	23	193,491	29	17.7	25	32,746	74	17.4	24
NATURAL SCIENCE COURSE PATTERN												
Gen Sci ² , Bio, Chem, & Phys	164,905	26	22.8	52	169,024	25	21.8	45	3,862	9	23.1	54
Bio, Chem, Phys	60,731	10	24.3	63	63,930	9	22.9	53	1,539	3	24.7	65
Gen Sci ¹ , Bio, Chem	100,456	16	20.3	34	156,011	23	20.4	33	3,319	8	21.5	44
Other comb of 3 years of Natural Science	16,833	3	19.3	28	13,231	2	18.4	20	472	1	20.0	32
Less than 3 years of Natural Science	62,470	10	18.2	21	79,837	12	18.8	23	2,146	5	19.6	31
Zero years / no Natural Science courses reported	225,941	36	17.3	17	192,254	29	17.2	14	32,683	74	17.1	16

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

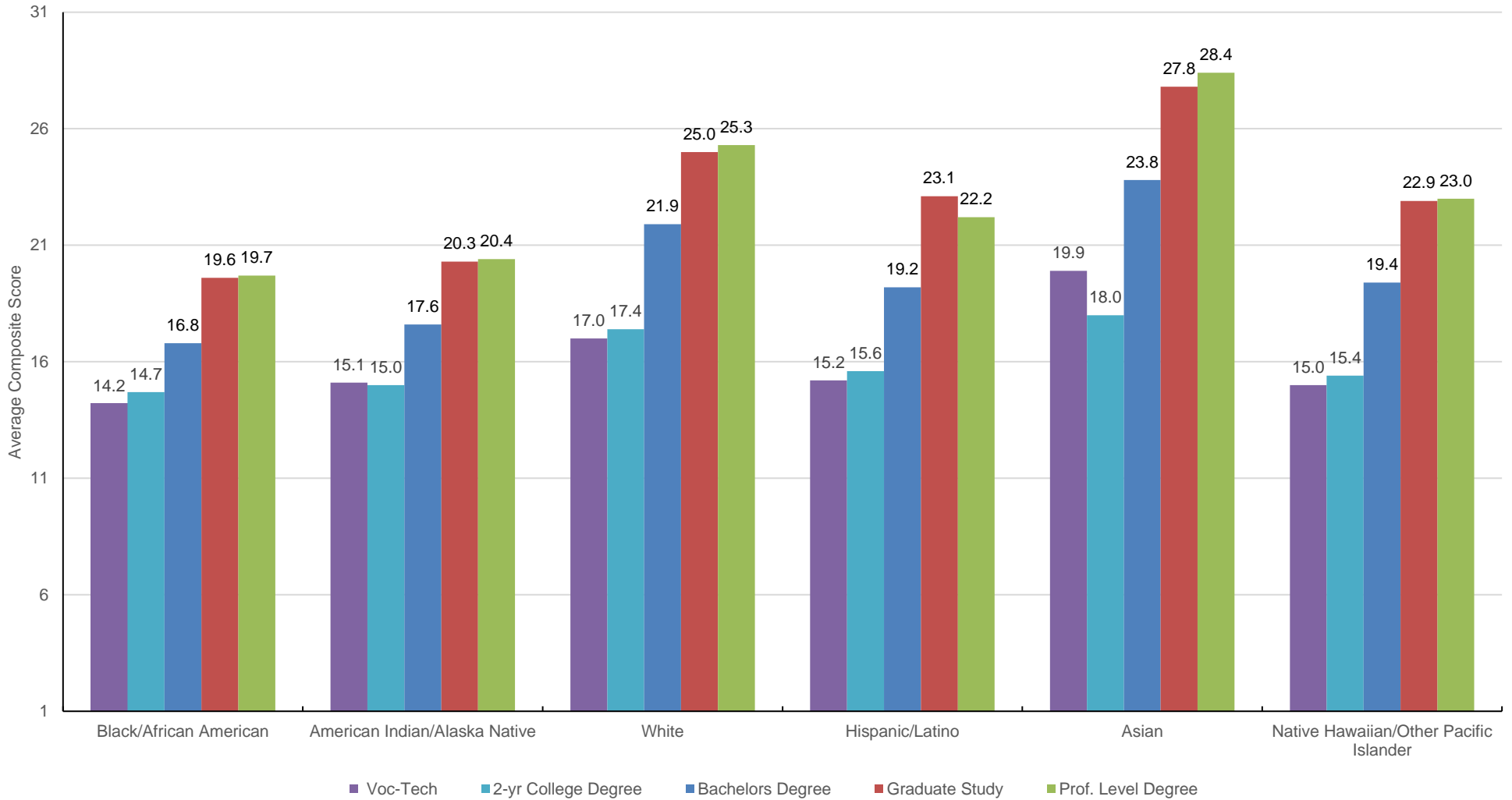
² Includes General, Physical and Earth Sciences.

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Section IV

Career and Educational Aspirations

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: 1,349,644

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	9,499	1	20.3	943	3	16.3	7,656	1	21.1
Architecture	7,858	1	21.3	334	1	15.8	6,648	1	22.1
Area, Ethnic, & Multidisciplinary Studies	644	0	22.4	39	0	15.1	498	0	23.7
Arts: Visual & Performing	24,656	2	21.2	1,673	6	16.8	20,192	4	22.0
Business	77,228	6	21.3	4,237	14	16.0	65,855	13	21.9
Communications	8,329	1	21.8	205	1	16.5	7,438	1	22.2
Community, Family, & Personal Services	7,507	1	18.3	901	3	16.0	5,731	1	19.2
Computer Science & Mathematics	27,187	2	24.9	855	3	18.4	24,102	5	25.3
Education	22,281	2	20.2	570	2	15.5	20,000	4	20.6
Engineering	53,144	4	24.2	1,756	6	15.7	47,049	9	24.9
Engineering Technology & Drafting	7,312	1	20.9	791	3	16.0	5,606	1	22.1
English & Foreign Languages	4,783	0	24.5	131	0	16.8	4,228	1	25.1
Health Administration & Assisting	18,756	1	17.9	1,702	6	15.8	14,641	3	18.5
Health Sciences & Technologies	91,859	7	21.6	3,356	11	17.1	82,545	16	21.9
Philosophy, Religion, & Theology	1,911	0	22.1	78	0	17.7	1,656	0	22.5
Repair, Production, & Construction	5,645	0	16.7	3,085	10	16.5	1,512	0	18.4
Sciences: Biological & Physical	55,689	4	24.4	477	2	17.0	51,605	10	24.6
Social Sciences & Law	43,435	3	22.9	681	2	16.5	39,955	8	23.2
Undecided	146,797	11	21.8	8,268	27	16.6	104,315	20	22.8
No Response	734,976	54	17.9	233	1	14.9	1,143	0	19.7

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: 1,349,644

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	9,587	16.2	1,611	14.2	120	15.1	5,527	17.0	1,572	15.2
2-yr College Degree	20,746	16.6	3,788	14.7	263	15.0	11,461	17.4	3,530	15.6
Bachelors Degree	261,070	21.0	31,320	16.8	1,808	17.6	166,746	21.9	32,663	19.2
Graduate Study	128,142	24.6	9,800	19.6	494	20.3	84,587	25.0	13,138	23.1
Prof. Level Degree	123,244	24.5	15,163	19.7	670	20.4	67,607	25.3	16,161	22.2
Other	10,266	19.0	1,636	15.1	98	15.1	5,357	20.3	1,660	16.5
No Response	796,589	18.0	90,261	15.0	7,275	15.6	367,667	19.7	141,481	16.4

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	9,587	16.2	168	19.9	23	15.0	354	16.6	212	16.6
2-yr College Degree	20,746	16.6	345	18.0	53	15.4	853	16.8	453	16.7
Bachelors Degree	261,070	21.0	10,146	23.8	388	19.4	11,148	21.1	6,851	22.1
Graduate Study	128,142	24.6	9,317	27.8	165	22.9	5,580	24.9	5,061	26.0
Prof. Level Degree	123,244	24.5	11,956	28.4	195	23.0	6,205	24.7	5,287	26.8
Other	10,266	19.0	401	24.3	22	15.2	449	19.7	643	22.0
No Response	796,589	18.0	22,131	22.1	2,115	15.7	39,741	18.5	125,918	16.6

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

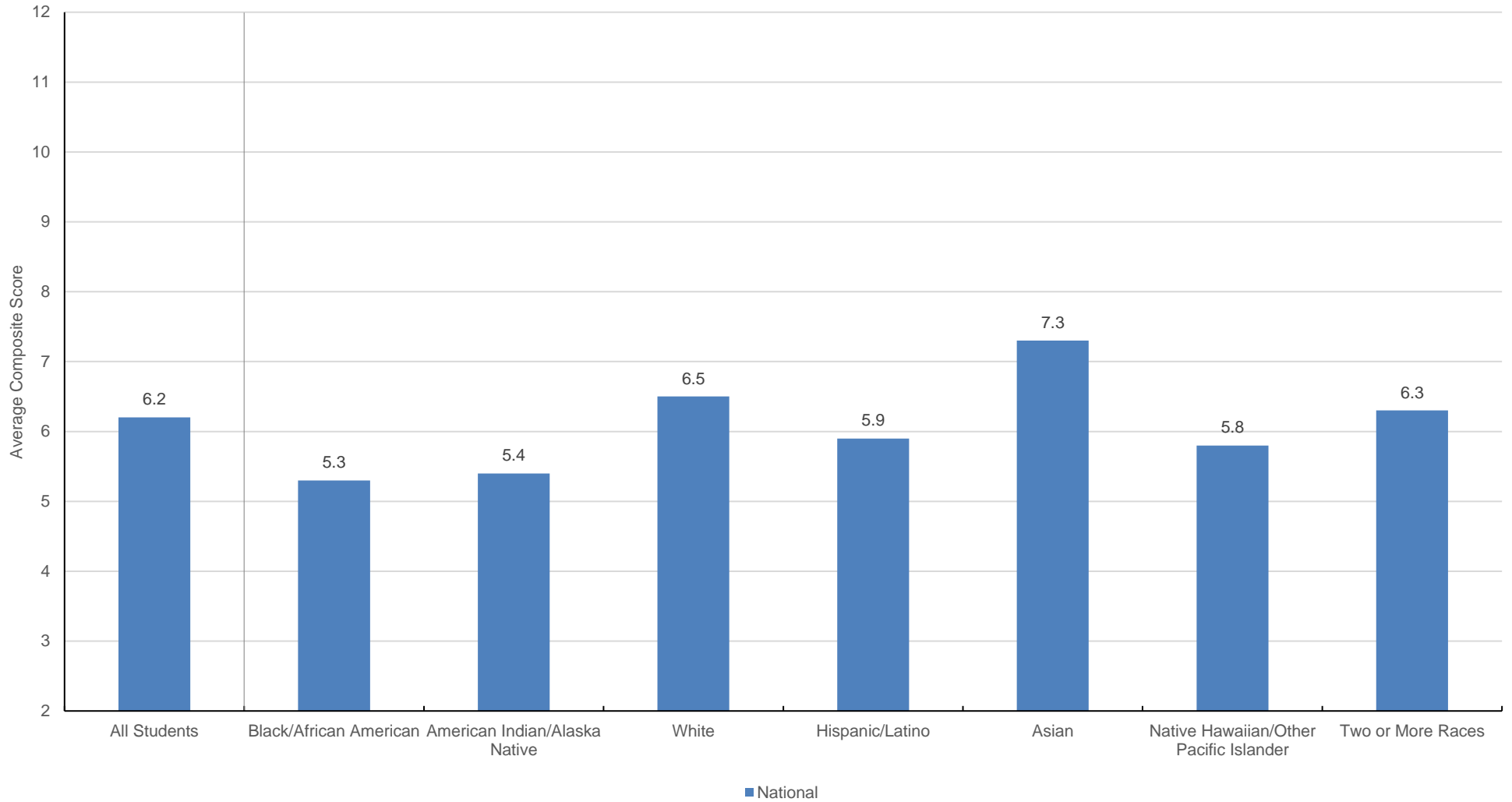
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Section V

Optional Writing Test Results

Total Students in Report: 1,349,644

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



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

Total Students in Report: 1,349,644

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

	N National	Average ACT Scores		
		English National	Reading National	Writing National
All Students	333,194	18.5	20.1	6.2
Black/African American	29,922	14.7	16.3	5.3
American Indian/Alaska Native	3,659	14.4	16.5	5.4
White	164,103	20.2	21.7	6.5
Hispanic/Latino	55,968	16.3	18.0	5.9
Asian	17,435	23.5	24.2	7.3
Native Hawaiian/Other Pacific Islander	1,204	14.7	16.5	5.8
Two or More Races	19,176	18.7	20.3	6.3
Prefer not/No Response	41,727	16.0	17.6	5.7
Males	158,234	17.9	19.6	5.9
Females	164,802	19.1	20.5	6.5
Other Responses	10,158	18.2	20.0	6.0

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	333,194	18.3	39
Black/African American	29,922	14.8	16
American Indian/Alaska Native	3,659	14.8	15
White	164,103	19.7	49
Hispanic/Latino	55,968	16.6	27
Asian	17,435	22.5	64
Native Hawaiian/Other Pacific Islander	1,204	15.5	18
Two or More Races	19,176	18.6	41
Prefer not/No Response	41,727	16.1	25
Males	158,234	17.6	35
Females	164,802	19.0	43
Other Responses	10,158	17.9	38

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

