

The Condition of College & Career Readiness 2019

Hawaii Key Findings

Performance of 2019 Graduates

- In the 2019 Hawaii graduating class, 10,934 graduates (an estimated 80 percent) took the ACT test with a Composite score average of 19.0. This compares to 11,957 (an estimated 93 percent) with an average of 18.5 in 2015. Nationally, an estimated 52 percent of 2019 graduates took the ACT with an average Composite score of 20.7.
 - There were 830 White graduates from Hawaii who took the ACT (8 percent) with an average Composite score of 21.8. This compares to 957 (8 percent) with an average of 21.6, and 965 (8 percent) with an average of 21.5, for the 2018 and 2015 graduating classes, respectively.
 - There were 1,592 Hispanic graduates from Hawaii who took the ACT (15 percent) with an average Composite score of 18.4. This compares to 1,759 (14 percent) with an average of 18.2, and 1,461 (12 percent) with an average of 17.7, for the 2018 and 2015 graduating classes, respectively.
 - There were 3,365 Asian graduates from Hawaii who took the ACT (31 percent) with an average Composite score of 20.0. This compares to 3,761 (30 percent) with an average of 20.0, and 3,827 (32 percent) with an average of 19.4, for the 2018 and 2015 graduating classes, respectively.
 - There were 1,049 Pacific Islander graduates from Hawaii who took the ACT (10 percent) with an average Composite score of 15.4. This compares to 1,280 (10 percent) with an average of 15.5, and 1,399 (12 percent) with an average of 15.2, for the 2018 and 2015 graduating classes, respectively.
- In 2019, 17 percent of Hawaii graduates met all four ACT College Readiness Benchmarks. This compares to 16 and 15 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 48 percent of Hawaii graduates met zero ACT College Readiness Benchmarks. This compares to 47 and 49 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 46 percent of Hawaii graduates met the ACT English College Readiness Benchmark. This compares to 48 and 45 percent of 2018 and 2015 graduates, respectively.
 - 2019 Hawaii graduates taking more advanced English coursework demonstrated markedly higher average English scores than those who did not. In fact, 53 percent of Hawaii 2019 graduates taking four or more years of English met the ACT English College Readiness Benchmark. This compares to 24 percent of students taking less than four years of English meeting the benchmark.
 - 2019 Hawaii graduates taking more advanced math coursework demonstrated markedly higher average math scores than those who did not. In fact, 34 percent of Hawaii 2019 graduates taking three or more years of math met the ACT Math College Readiness Benchmark. This compares to 5 percent of students taking less than three years of math meeting the benchmark.
 - 2019 Hawaii graduates taking more advanced social studies coursework demonstrated markedly higher average reading scores than those who did not. In fact, 38 percent of Hawaii 2019 graduates taking three or more years of social studies met the ACT Reading College Readiness Benchmark. This compares to 27 percent of students taking less than three years of social studies meeting the benchmark.
 - 2019 Hawaii graduates taking more advanced science coursework demonstrated markedly higher average science scores than those who did not. In fact, 32 percent of Hawaii 2019 graduates taking three or more years of science met the ACT Science College Readiness Benchmark. This compares to 9 percent of students taking less than three years of science meeting the benchmark.

STEM

- In 2019, 4,885 Hawaii graduates (45 percent) indicated having an interest in STEM majors and/or careers.
- Compared to a 2019 Hawaii graduating class average ACT STEM score of 19.5, graduates in 2018 and 2015 had STEM averages of 19.2 and 19.0, respectively.
 - 2019 Hawaii graduates meeting the ACT STEM College Readiness Benchmark had an average science score of 28.4. This compares to 27.8 in 2015.

Career Readiness Indicator

- In 2019, 3,159 Hawaii graduates (29 percent) were likely to attain the Gold ACT WorkKeys National Career Readiness Certificate or higher based upon ACT Composite score, compared to 726,923 (41 percent) nationally.
 - The ACT Composite scores associated with a 50% chance of earning each ACT WorkKeys 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 would be classified as "Needs Improvement," 13 to 16 as "Bronze," 17 to 21 as "Silver," and 22 or above as "Gold or Higher."

Impact

- Based on the actual test volume and ACT score distributions of 2019 ACT-tested Hawaii high school graduates, ACT research estimates that an increase of 0.1 in state average ACT Composite score for the 2019 graduating class would result in:
 - 28 more students enrolling in college.
 - 31 more students persisting to year two.
 - 24 fewer students needing remedial English.
 - 36 fewer students needing remedial math.
 - 32 more students persisting to year four.
 - 33 more students earning a postsecondary degree within six years.

Behaviors that Impact Access and Opportunity

- In Hawaii, 1,768 of the 2019 graduates (16.2 percent) taking the ACT two or more times had an average Composite score of 22.5, compared to an average of 18.4 for 9,166 of the 2019 graduates (83.8 percent) who took the ACT only once.
- 24,228 score reports were sent to colleges by 2019 Hawaii ACT-tested graduates.
 - 6,963 score reports were sent to in-state public colleges by 2019 Hawaii ACT-tested graduates.
 - For Hawaii's 2019 ACT-tested graduates, the top five schools to which scores were sent were the University of Hawaii at Manoa, the University of Hawaii at Hilo, the University of Nevada - Las Vegas, the University of Hawaii - West Oahu, and Hawaii Pacific University.
 - For Hawaii's 2019 ACT-tested graduates, the top three out-of-state schools to which scores were sent were the University of Nevada - Las Vegas, the University of Washington, and the University of California - Los Angeles.

- Compared to 66 percent of 2019 graduates nationally, 77 percent of Hawaii graduates opted into the ACT Educational Opportunity Service (EOS). EOS is a free service that allows students to gain exposure to recruitment, scholarship agencies, colleges, and universities that students may not have accessed on their own. The ACT Get Your Name in the Game initiative encourages colleges and universities to recruit underserved EOS participants to increase access and opportunity for all.
 - Compared to 71 percent of Pacific Islander students nationally, 76 percent of Hawaii Pacific Islander 2019 graduates opted into EOS.
- In the 2018-2019 academic year, ACT issued 807 ACT fee waivers to qualified Hawaii students across all grades. However, 217 students (26.9 percent) did not take advantage of this opportunity to test for free. This compares to 487,749 waivers issued nationally, of which 135,569 (27.8 percent) students did not take advantage. Fee waivers represent a great opportunity for students of low socioeconomic status to retake without incurring any fees.
 - While Pacific Islander Hawaii students represent 14 percent of fee waivers issued, they account for 19 percent of unused fee waivers.

Postsecondary Aspirations

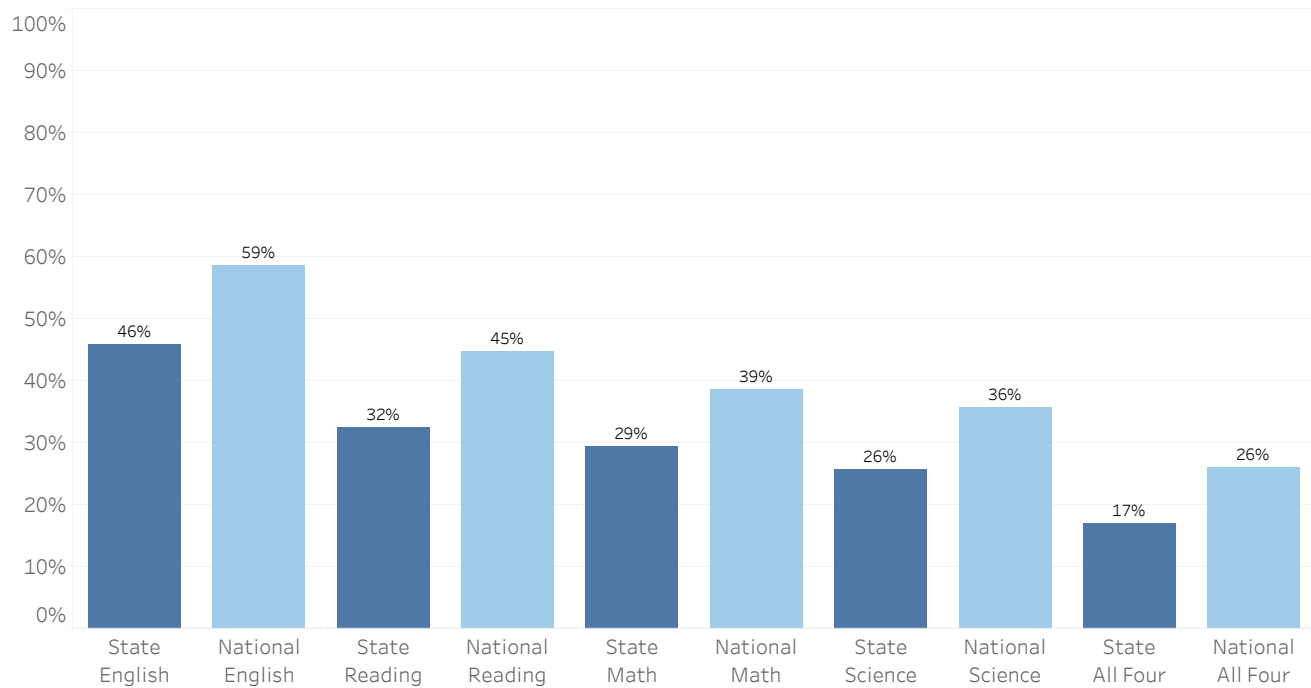
- Aspirations matter. Students who aspire to a higher level of postsecondary education typically achieve higher ACT Composite scores.
 - 3,031 students (28 percent) aspired to attain a graduate or professional degree. They had an average Composite score of 22.0.
 - 4,112 students (38 percent) aspired to attain a bachelor's degree. They had an average Composite score of 18.9.
 - 808 students (7 percent) aspired to attain a vocational/technical or associate's degree. They had an average Composite score of 15.3.
- In order of prevalence, the five most commonly indicated college majors of interest for 2019 Hawaii graduates were: Undecided; Nursing, Registered (BS/RN); Medicine (Pre-Medicine); Business Administration and Management, General; and Biology, General.
 - In the Hawaii graduating class of 2019, 866 students (8 percent) indicated being undecided about their college major. They had an average Composite score of 20.9. Decision making regarding college major can be facilitated through activities included in ACT Aspire and PreACT testing experiences. In addition, the Student Score Report is a valuable tool for conversations using the College and Career Planning and Interest-Major Fit sections.
 - In the Hawaii graduating class of 2019, 275 (3 percent) indicated planning on majoring in education. They had an average Composite score of 18.6.

Additional Points

- The Hawaii ACT State Organization continues to grow in membership and in diversity, with more than 150 members from across the state. The membership includes educators from state agencies, K-12, access, and postsecondary institutions, as well as members involved in workforce development.
- According to the US Department of Labor's Bureau of Labor Statistics, the fastest-growing careers in Hawaii requiring education beyond high school are: Nurse Practitioners, Physician Assistants, and Phlebotomists.
- In 2019, ACT honored College and Career Readiness Champions in most states. The Hawaii honorees were:
 - High school senior: Ryan Park, Punahou School; K-12 professional: Bill Spradlin, AVID Coordinator and Instructor, Kaimuki High School; and workforce professional: Ron Umehira, Dean of Career & Technical Education, Leeward Community College.

HAWAII College and Career Readiness Attainment, Participation, and Opportunity

Percent of 2019 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks* by Subject



Data From Graph Above

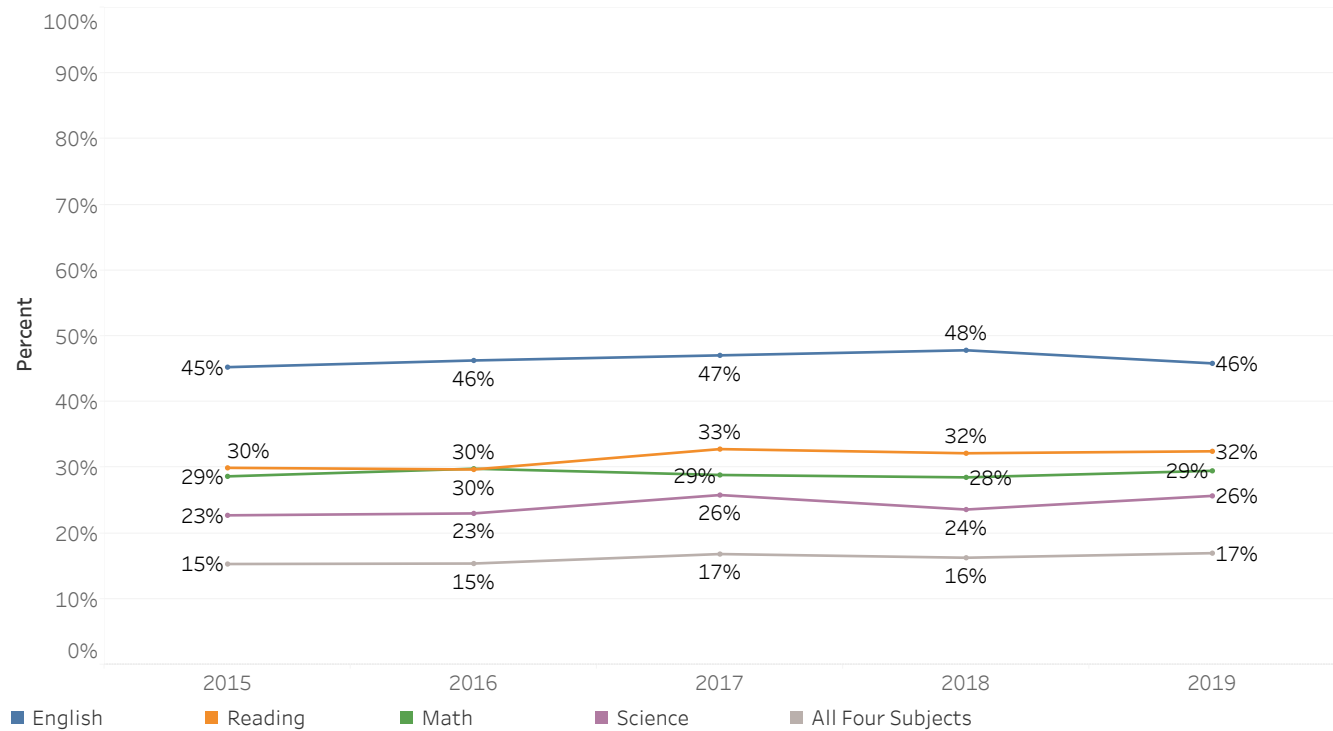
State English	National English	State Reading	National Reading	State Math	National Math	State Science	National Science	State All Four	National All Four
46%	59%	32%	45%	29%	39%	26%	36%	17%	26%

* The ACT College Readiness Benchmarks are scores on the ACT subject area tests that represent the level of achievement required for students to have a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in corresponding credit-bearing first-year college courses. Throughout this report, benchmark attainment corresponds with students meeting or exceeding 18 in English, 22 in Reading, 22 in Math and 23 in Science.

Note, missing data points in tables and graphs reflect insufficient data for reporting.

HAWAII College and Career Readiness Attainment, Participation, and Opportunity

Percent of 2015–2019 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks*



Data From Graph Above

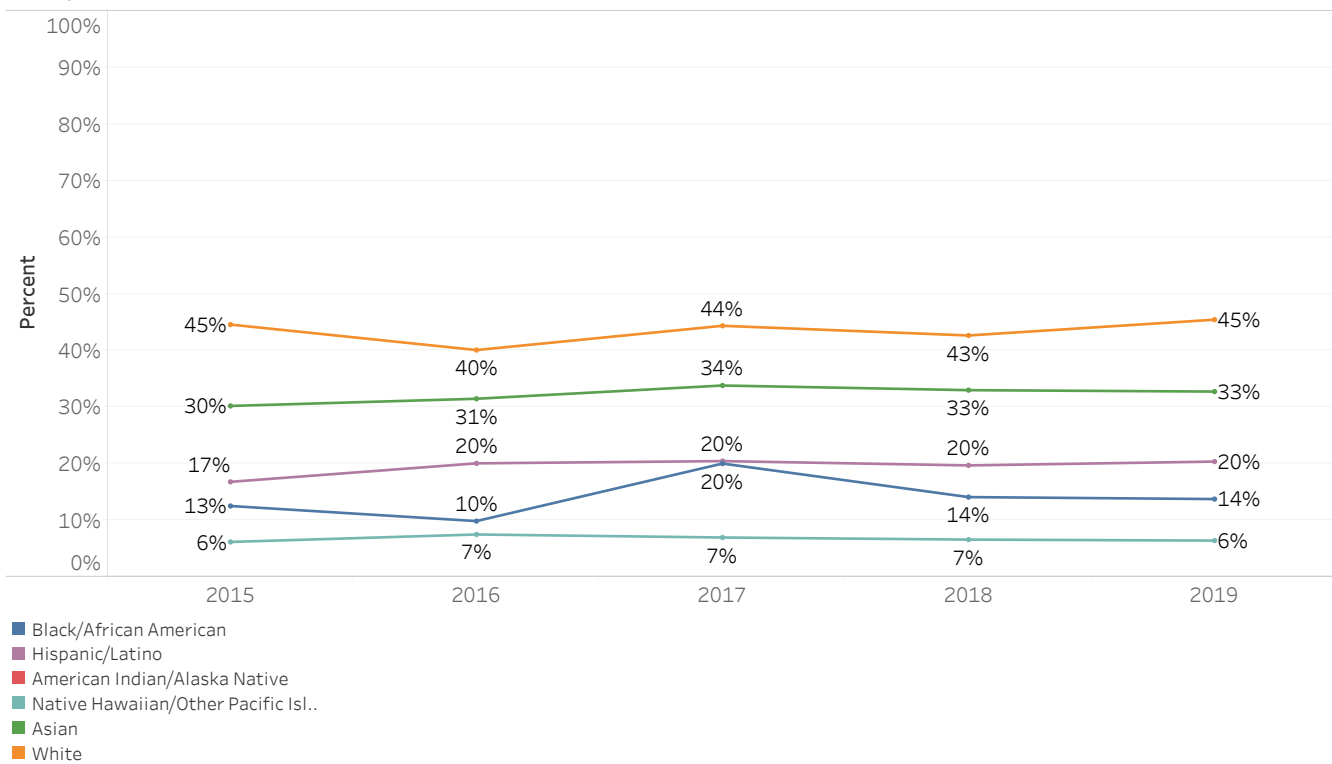
	English	Reading	Math	Science	All Four Subjects
2015	45%	30%	29%	23%	15%
2016	46%	30%	30%	23%	15%
2017	47%	33%	29%	26%	17%
2018	48%	32%	28%	24%	16%
2019	46%	32%	29%	26%	17%

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HAWAII College and Career Readiness Attainment, Participation, and Opportunity

Percent of 2015-2019 ACT-Tested High School Graduates Meeting Three or More Benchmarks by Race/Ethnicity



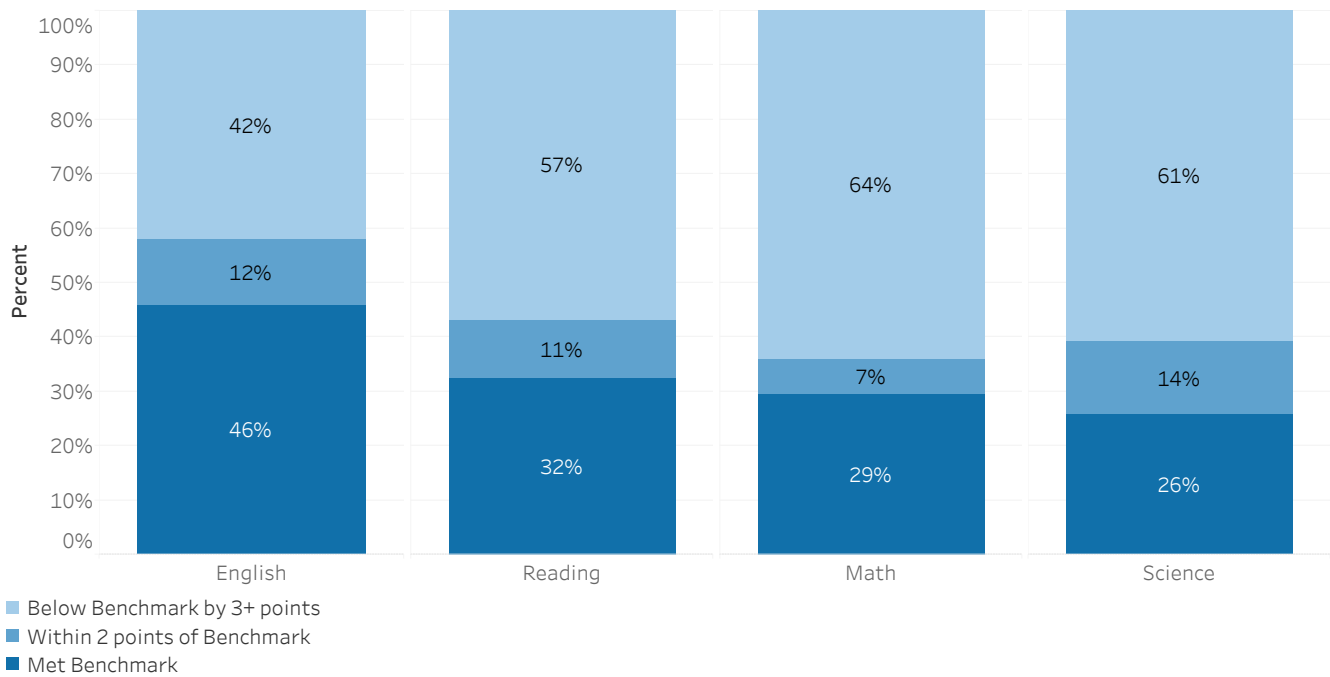
Data From Graph Above

	Black/African American	Hispanic/Latino	American Indian/Alaska Native	Native Hawaiian/Other Pacific Islander	Asian	White
2015	13%	17%		6%	30%	45%
2016	10%	20%		7%	31%	40%
2017	20%	20%		7%	34%	44%
2018	14%	20%		7%	33%	43%
2019	14%	20%		6%	33%	45%

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HAWAII College and Career Readiness Attainment, Participation, and Opportunity

Percent of 2019 ACT-Tested High School Graduates by ACT College Readiness Benchmark Attainment and Subject



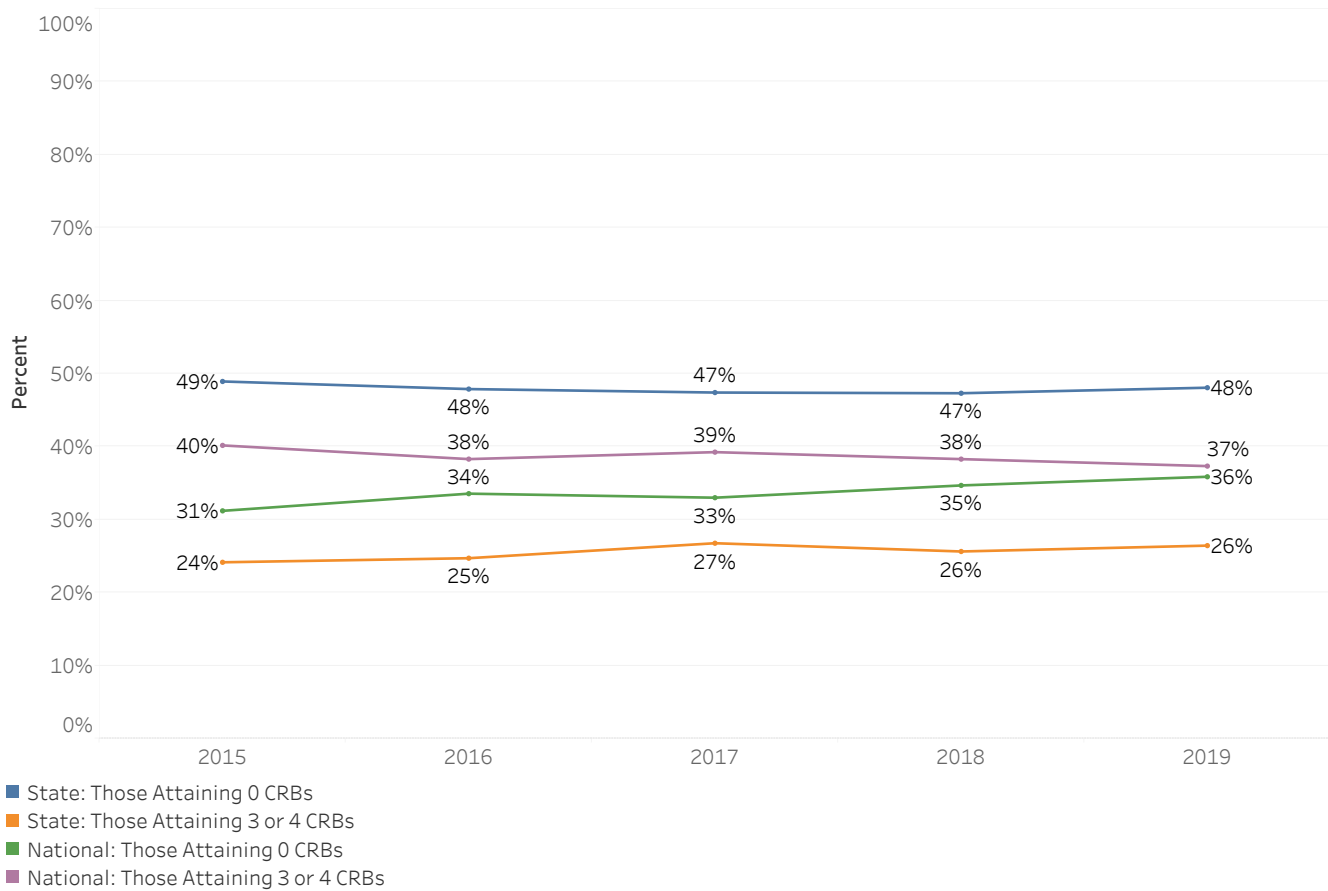
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	Below Benchmark by 3+ points	Within 2 points of Benchmark	Met Benchmark
English	42%	12%	46%
Math	64%	7%	29%
Reading	57%	11%	32%
Science	61%	14%	26%

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Percent of 2015–2019 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks*



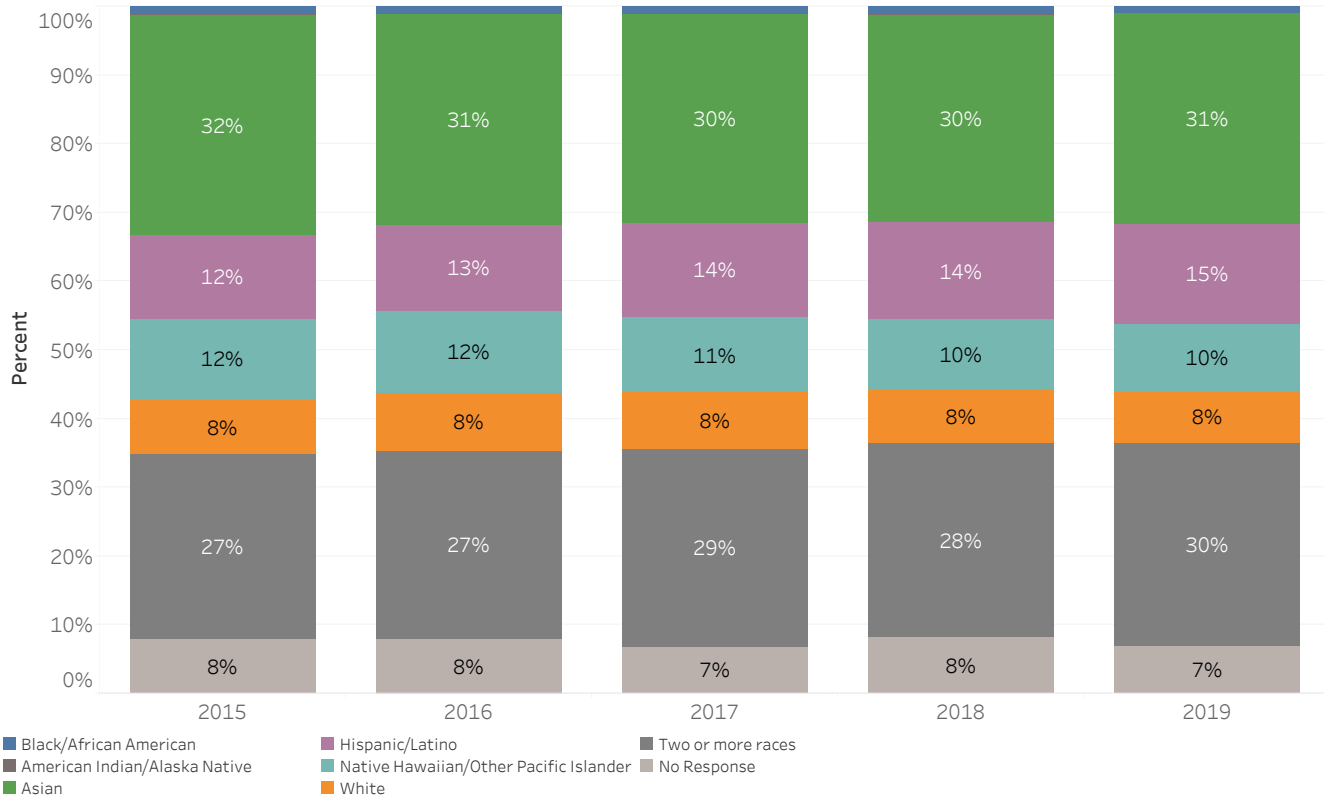
Data from Graph Above

	State: Those Attaining 0 CRBs	State: Those Attaining 3 or 4 CRBs	National: Those Attaining 0 CRBs	National: Those Attaining 3 or 4 CRBs
2015	49%	24%	31%	40%
2016	48%	25%	34%	38%
2017	47%	27%	33%	39%
2018	47%	26%	35%	38%
2019	48%	26%	36%	37%

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HAWAII College and Career Readiness Attainment, Participation, and Opportunity

Percent of 2015-2019 ACT-Tested High School Graduates by Race/Ethnicity



Data From Graph Above

	Black/African American	American Indian/Alaska Native	Asian	Hispanic/Latino	Native Hawaiian/Other Pacific Islander	White	Two or more races	No Response
2015	1%	0%	32%	12%	12%	8%	27%	8%
2016	1%	0%	31%	13%	12%	8%	27%	8%
2017	1%	0%	30%	14%	11%	8%	29%	7%
2018	1%	0%	30%	14%	10%	8%	28%	8%
2019	1%	0%	31%	15%	10%	8%	30%	7%

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HAWAII College and Career Readiness Attainment, Participation, and Opportunity

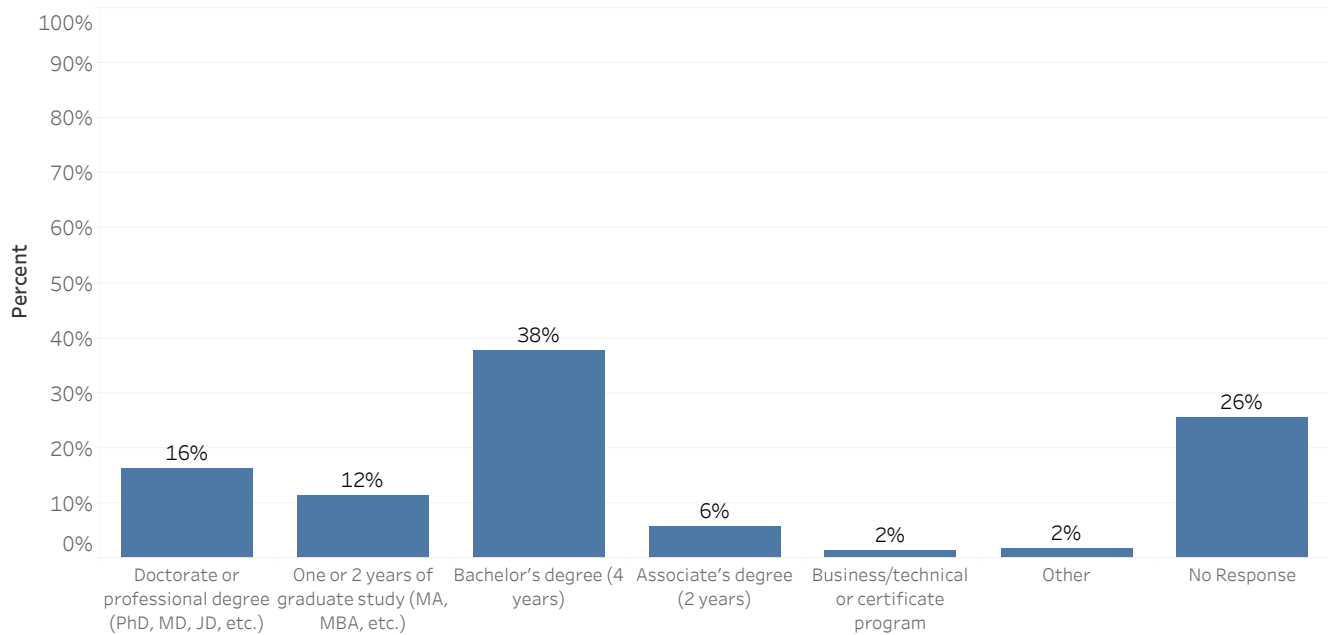
Student Data Trends: 2015-2019, State vs. Nation

	2015	2016	2017	2018	2019
State N-count	11,957	12,232	12,015	12,460	10,934
National N-count	1,924,436	2,090,342	2,030,038	1,914,817	1,782,820
Average ACT English Score - State	17.2	17.6	17.8	18.2	17.9
Average ACT English Score - National	20.4	20.1	20.3	20.2	20.1
Average ACT Reading Score - State	18.6	19.0	19.2	19.1	19.2
Average ACT Reading Score - National	21.4	21.3	21.4	21.3	21.2
Average ACT Math Score - State	19.1	19.1	19.2	19.0	19.2
Average ACT Math Score - National	20.8	20.6	20.7	20.5	20.4
Average ACT Science Score - State	18.4	18.6	19.3	19.0	19.2
Average ACT Science Score - National	20.9	20.8	21.0	20.7	20.6
Average ACT Composite Score - State	18.5	18.7	19.0	18.9	19.0
Average ACT Composite Score - National	21.0	20.8	21.0	20.8	20.7

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HAWAII College and Career Readiness Attainment, Participation, and Opportunity

Percent of 2019 ACT-Tested High School Graduates by Educational Aspirations



Data From Graph Above

	% of Graduates
Doctorate or professional degree (PhD, MD, JD, etc.)	16%
One or 2 years of graduate study (MA, MBA, etc.)	12%
Bachelor's degree (4 years)	38%
Associate's degree (2 years)	6%
Business/technical or certificate program	2%
Other	2%
No Response	26%

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