

The Condition of College & Career Readiness 2019

Indiana Key Findings

Performance of 2019 Graduates

- In the 2019 Indiana graduating class, 21,482 graduates (an estimated 29 percent) took the ACT test with a Composite score average of 22.5. This compares to 27,415 (an estimated 41 percent) with an average of 22.1 in 2015. Nationally, an estimated 52 percent of 2019 graduates took the ACT with an average Composite score of 20.7.
 - There were 2,121 African American graduates from Indiana who took the ACT (10 percent) with an average Composite score of 17.4. This compares to 2,152 (9 percent) with an average of 17.6, and 2,624 (10 percent) with an average of 17.6, for the 2018 and 2015 graduating classes, respectively.
 - There were 14,896 White graduates from Indiana who took the ACT (69 percent) with an average Composite score of 23.4. This compares to 16,557 (70 percent) with an average of 23.4, and 19,785 (72 percent) with an average of 22.9, for the 2018 and 2015 graduating classes, respectively.
 - There were 1,845 Hispanic graduates from Indiana who took the ACT (9 percent) with an average Composite score of 20.1. This compares to 1,793 (8 percent) with an average of 20.2, and 2,002 (7 percent) with an average of 19.9, for the 2018 and 2015 graduating classes, respectively.
 - There were 796 Asian graduates from Indiana who took the ACT (4 percent) with an average Composite score of 25.3. This compares to 809 (3 percent) with an average of 24.8, and 721 (3 percent) with an average of 24.8, for the 2018 and 2015 graduating classes, respectively.
- In 2019, 37 percent of Indiana graduates met all four ACT College Readiness Benchmarks. This compares to 36 and 34 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 22 percent of Indiana graduates met zero ACT College Readiness Benchmarks. This compares to 21 and 22 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 72 percent of Indiana graduates met the ACT English College Readiness Benchmark. This compares to 73 and 72 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 54 percent of Indiana graduates met the ACT Math College Readiness Benchmark. This compares to 53 and 52 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 57 percent of Indiana graduates met the ACT Reading College Readiness Benchmark. This compares to 57 and 54 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 47 percent of Indiana graduates met the ACT Science College Readiness Benchmark. This compares to 47 and 44 percent of 2018 and 2015 graduates, respectively.
 - In 2019, 10,863 (51 percent) of Indiana graduates met three or four ACT College Readiness Benchmarks. This compares to 12,010 and 13,258 (51 and 48 percent) out of 2018 and 2015 graduates, respectively. For reference, the national percentage of 2019 graduates meeting three or four benchmarks was 37 percent.
- In 2019, 5 percent of Indiana graduates took the ACT with extended time. This compares to 4 and 3 percent of 2018 and 2015 graduates, respectively.

STEM

- In 2019, 11,260 Indiana graduates (52 percent) indicated having an interest in STEM majors and/or careers.
 - Nationally, 43 percent of graduates indicated having an interest in STEM.
- In 2019, 11,559 Indiana graduates (54 percent) indicated taking physics. This compares to 55 and 56 percent for the 2018 and 2015 graduating classes, respectively.
 - 2019 graduates taking physics had an average science score of 23.2, compared to 21.4 for students not taking physics.
 - 55 percent of 2019 Indiana graduates taking physics met the ACT Science College Readiness Benchmark, compared to 41 for students not taking physics.

Career Readiness Indicator

- In 2019, 18,032 Indiana graduates (84 percent) were likely to attain the Silver ACT WorkKeys National Career Readiness Certificate or higher based upon ACT Composite score, compared to 1,273,362 (71 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 Indiana 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:
 - 48 more students enrolling in college.
 - 55 more students persisting to year two.
 - 38 fewer students needing remedial English.
 - 60 fewer students needing remedial math.
 - 62 more students persisting to year four.
 - 67 more students earning a postsecondary degree within six years.

Behaviors that Impact Access and Opportunity

- In Indiana, 7,187 of the 2019 graduates (33.5 percent) taking the ACT two or more times had an average Composite score of 24.4, compared to an average of 21.5 for 14,295 of the 2019 graduates (66.5 percent) who took the ACT only once.
 - Nationwide, 765,568 of the 2019 graduates (42.9 percent) taking the ACT two or more times had an average Composite score of 22.7, compared to an average of 19.2 for 1,017,252 of the 2019 graduates (57.1 percent) who took the ACT only once.
- 46,147 score reports were sent to colleges by 2019 Indiana ACT-tested graduates.
 - 24,084 score reports were sent to in-state public colleges by 2019 Indiana ACT-tested graduates.
 - For Indiana’s 2019 ACT-tested graduates, the top five schools to which scores were sent were Indiana University, Purdue University, Ball State University, Indiana University - Purdue University Indianapolis (IUPUI), and Butler University.
 - For Indiana’s 2019 ACT-tested graduates, the top three out-of-state schools to which scores were sent were the University of Louisville, the University of Cincinnati, and the University of Kentucky.

- Compared to 66 percent of 2019 graduates nationally, 69 percent of Indiana 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.
- In the 2018-2019 academic year, ACT issued 6,552 ACT fee waivers to qualified Indiana students across all grades. However, 2,189 students (33.4 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. This represents a great opportunity for high schools within the state to increase the socioeconomic diversity of its students tested.

Postsecondary Aspirations

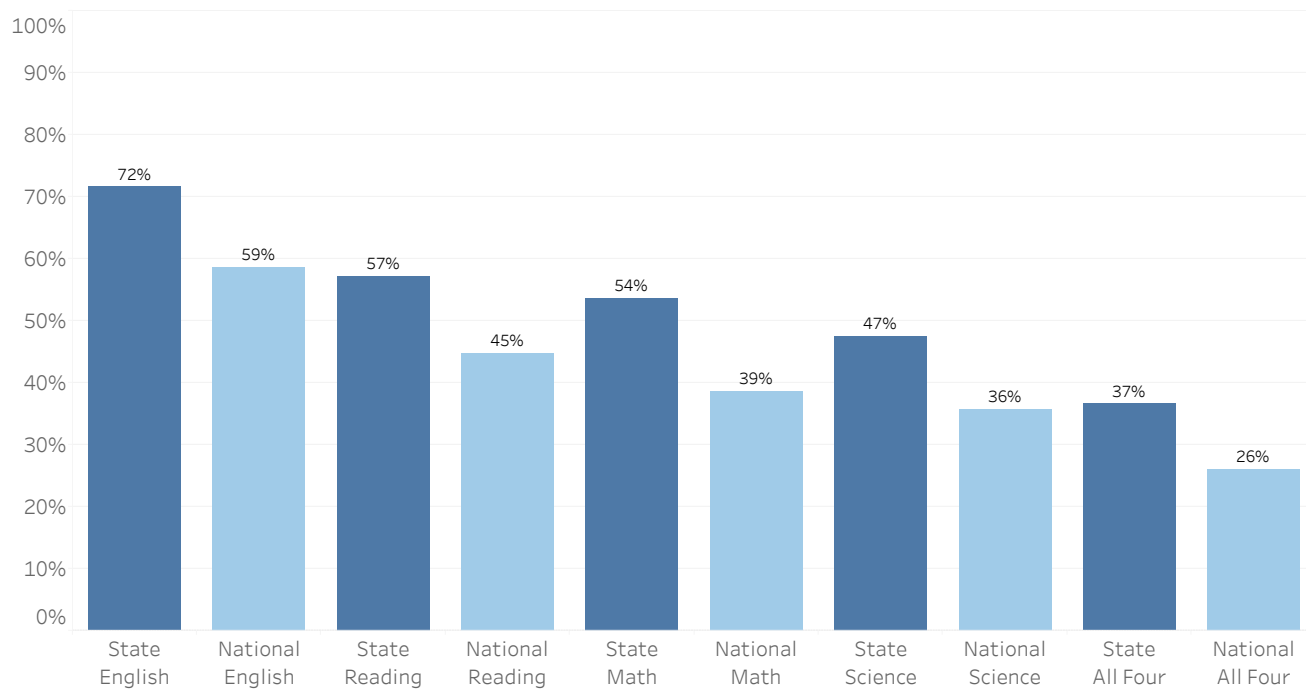
- Aspirations matter. Students who aspire to a higher level of postsecondary education typically achieve higher ACT Composite scores.
 - 8,139 students (38 percent) aspired to attain a graduate or professional degree. They had an average Composite score of 24.9.
 - 10,253 students (48 percent) aspired to attain a bachelor's degree. They had an average Composite score of 21.5.
 - 574 students (3 percent) aspired to attain a vocational/technical or associate's degree. They had an average Composite score of 16.6.
- In the Indiana graduating class of 2019, 2,498 students (12 percent) had parents who did not attend college.
- In order of prevalence, the five most commonly indicated college majors of interest for 2019 Indiana graduates were: Undecided; Nursing, Registered (BS/RN); Medicine (Pre-Medicine); Business Administration and Management, General; and Biology, General.
 - In the Indiana graduating class of 2019, 2,967 students (14 percent) indicated being undecided about their college major. They had an average Composite score of 22.3. 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 Indiana graduating class of 2019, 977 (5 percent) indicated planning on majoring in education. They had an average Composite score of 21.3.

Additional Points

- The Indiana ACT State Organization continues to grow in membership and in diversity, with over 300 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.
- In 2019, ACT State Organizations honored individuals who made contributions to their communities as College and Career Readiness Champions. The Indiana honorees were:
 - Shamari Walker, high school senior, Donald E. Gavitt High School; Chris Duzenbery, director of college and career readiness, MSD of Decatur Township; Claire Maxson, faculty, general studies, Ivy Tech Community College; and Thomas McDermott, mayor, city of Hammond.
- According to the US Department of Labor's Bureau of Labor Statistics, the fastest-growing careers in Indiana requiring education beyond high school are: wind turbine service technicians, physician assistants, nurse practitioners, software developers, and occupational therapy assistants.
- Over 136,000 ACT National Career Readiness Certificates have been awarded in Indiana. These credentials range from bronze to platinum levels and demonstrate individuals' career readiness strengths to employers. Eight counties in Indiana participate as ACT Work Ready Communities and use ACT research and data to assess and close their local skills gaps.

INDIANA 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

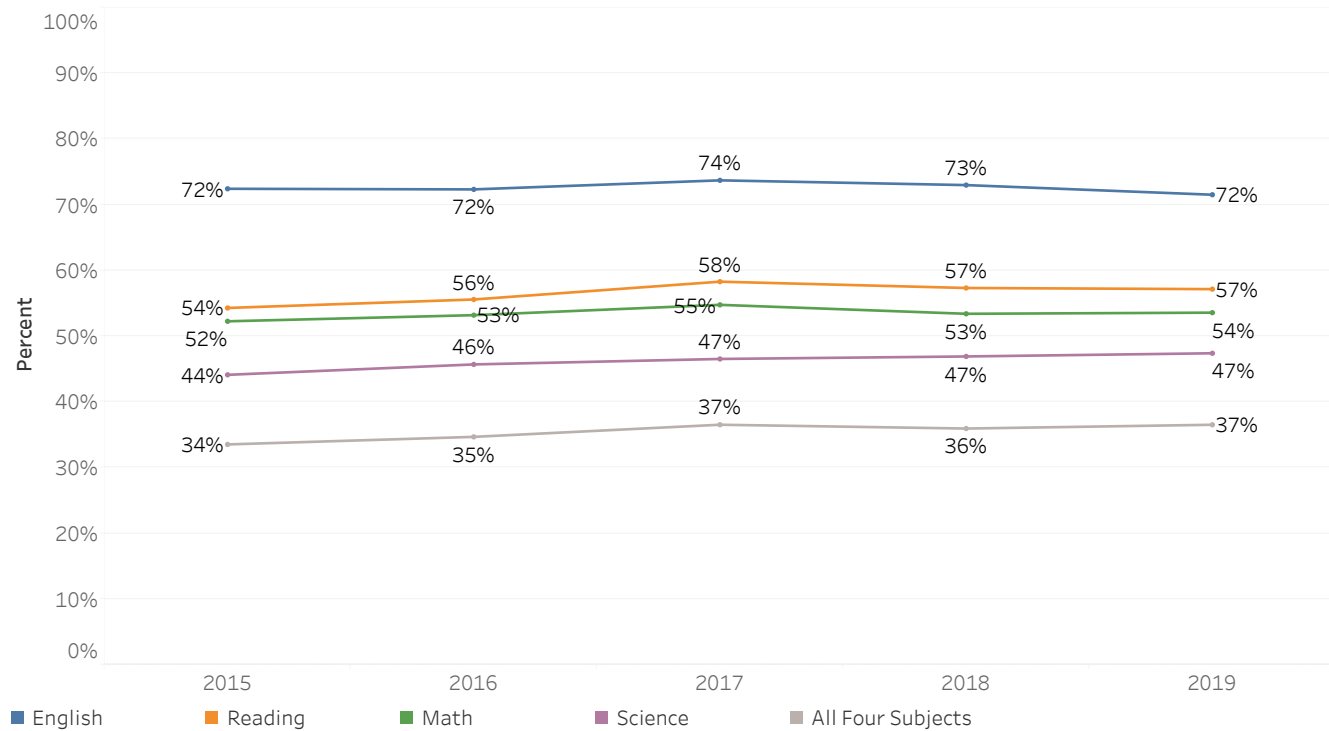
State English	National English	State Reading	National Reading	State Math	National Math	State Science	National Science	State All Four	National All Four
72%	59%	57%	45%	54%	39%	47%	36%	37%	26%

* 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.

INDIANA 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

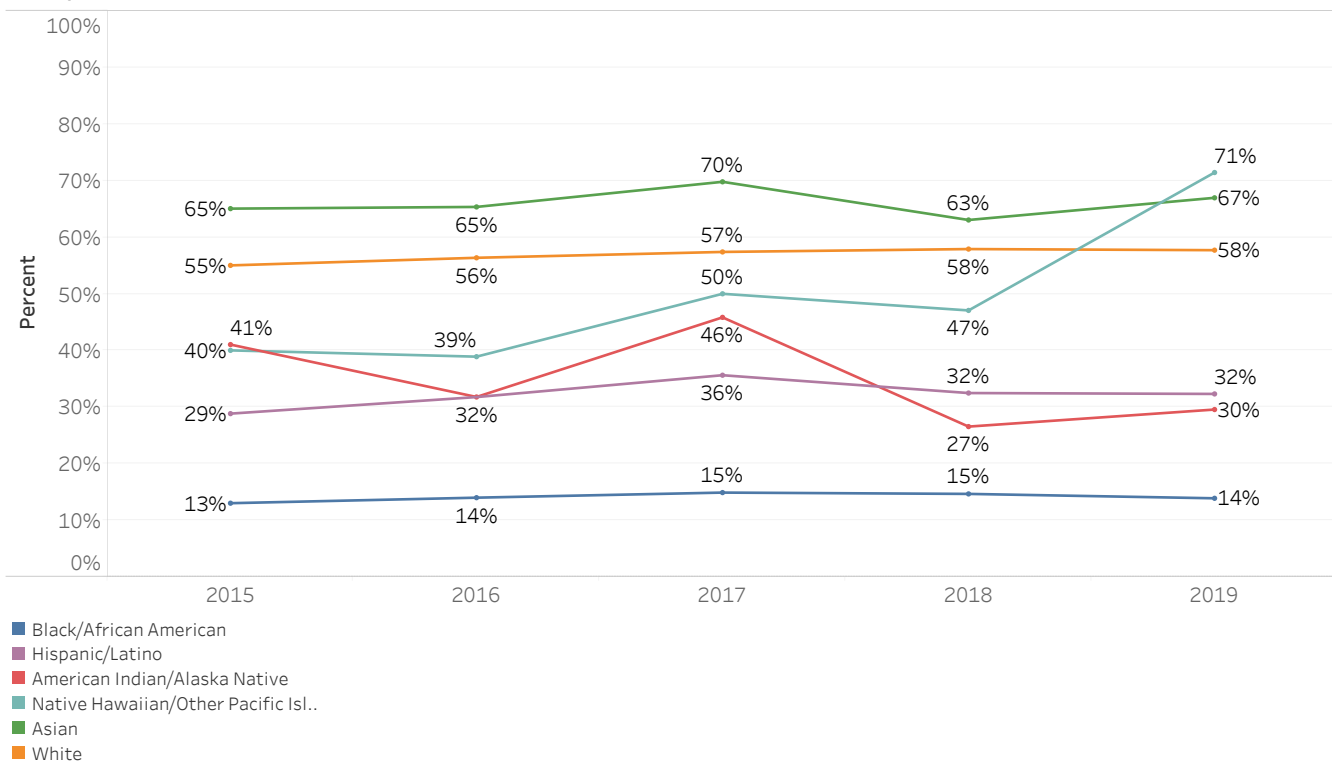
	English	Reading	Math	Science	All Four Subjects
2015	72%	54%	52%	44%	34%
2016	72%	56%	53%	46%	35%
2017	74%	58%	55%	47%	37%
2018	73%	57%	53%	47%	36%
2019	72%	57%	54%	47%	37%

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INDIANA 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



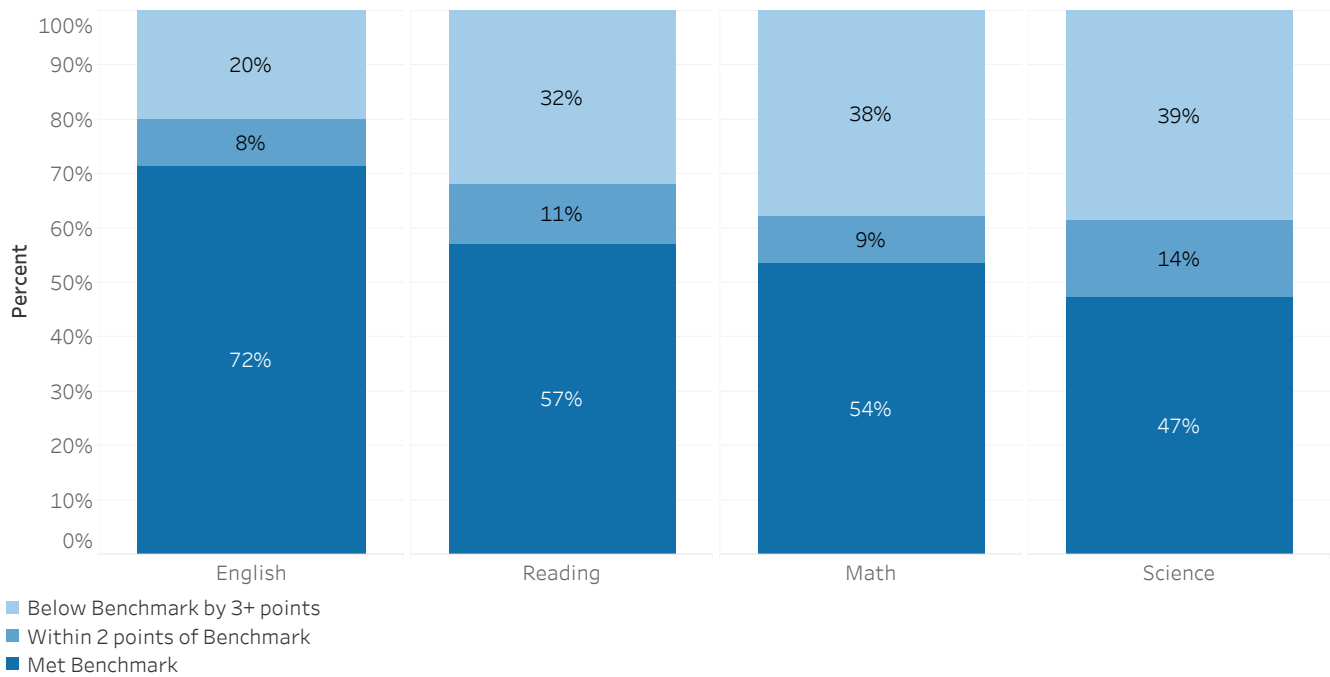
Data From Graph Above

	Black/African American	Hispanic/Latino	American Indian/Alaska Native	Native Hawaiian/Other Pacific Islander	Asian	White
2015	13%	29%	41%	40%	65%	55%
2016	14%	32%	32%	39%	65%	56%
2017	15%	36%	46%	50%	70%	57%
2018	15%	32%	27%	47%	63%	58%
2019	14%	32%	30%	71%	67%	58%

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INDIANA College and Career Readiness Attainment, Participation, and Opportunity

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



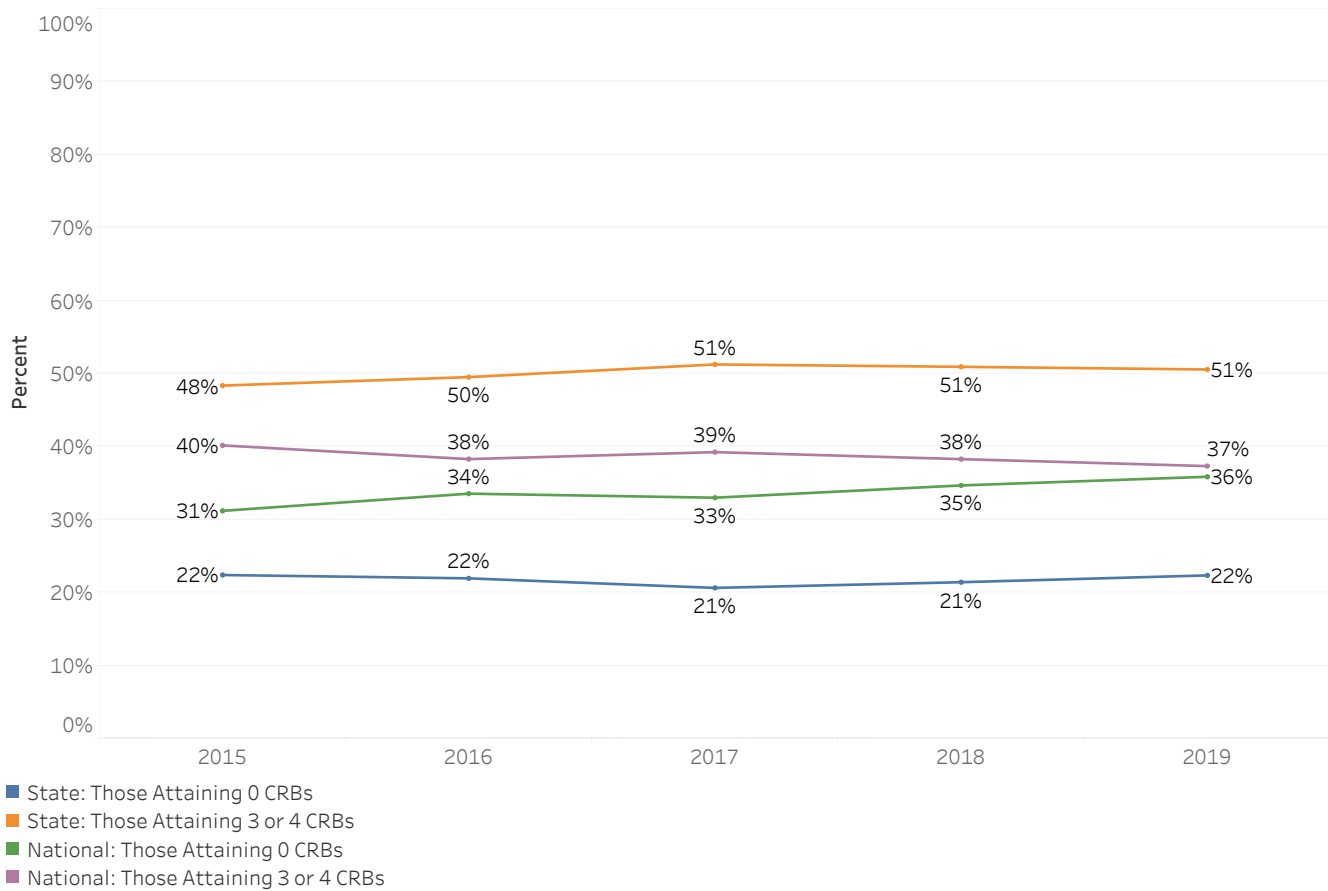
Data From Graph Above

	Below Benchmark by 3+ points	Within 2 points of Benchmark	Met Benchmark
English	20%	8%	72%
Math	38%	9%	54%
Reading	32%	11%	57%
Science	39%	14%	47%

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INDIANA College and Career Readiness Attainment, Participation, and Opportunity

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



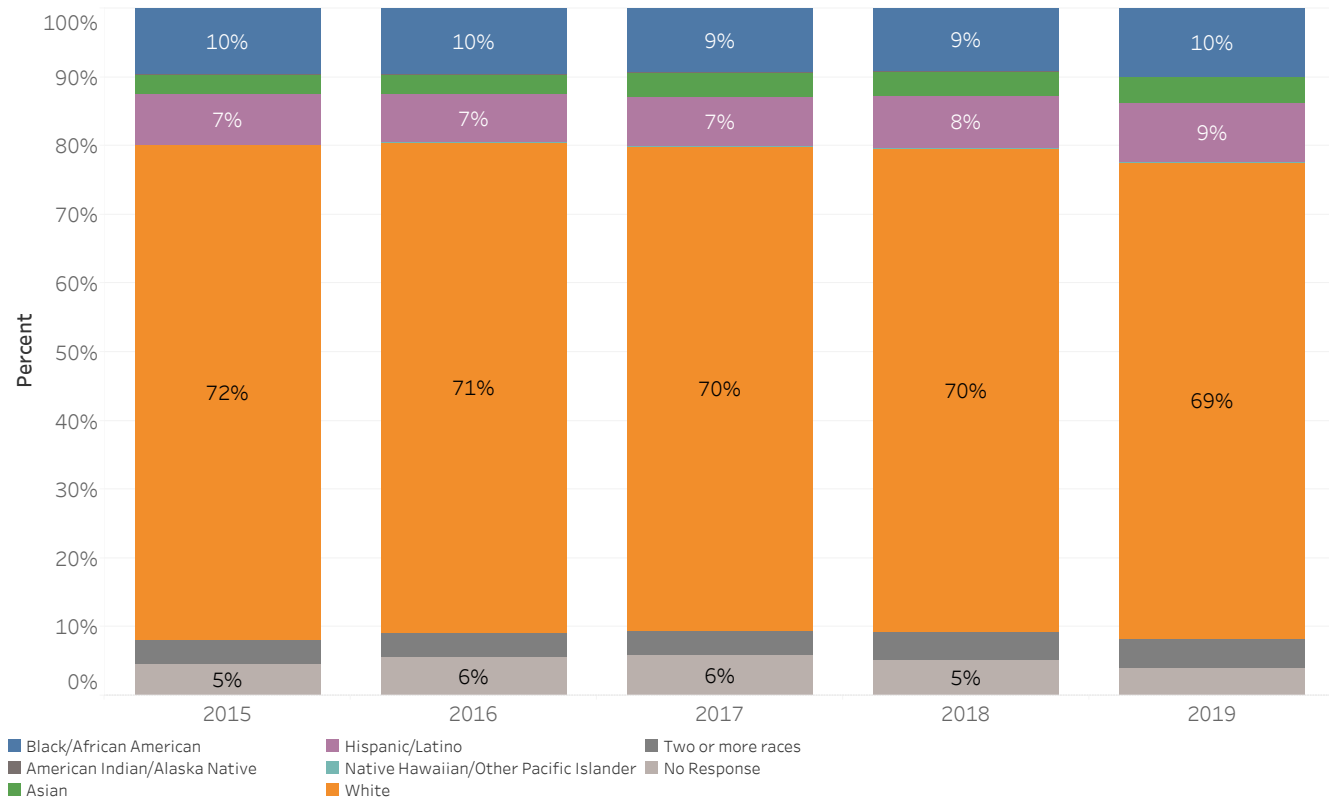
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	State: Those Attaining 0 CRBs	State: Those Attaining 3 or 4 CRBs	National: Those Attaining 0 CRBs	National: Those Attaining 3 or 4 CRBs
2015	22%	48%	31%	40%
2016	22%	50%	34%	38%
2017	21%	51%	33%	39%
2018	21%	51%	35%	38%
2019	22%	51%	36%	37%

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INDIANA 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	10%	0%	3%	7%	0%	72%	3%	5%
2016	10%	0%	3%	7%	0%	71%	3%	6%
2017	9%	0%	3%	7%	0%	70%	4%	6%
2018	9%	0%	3%	8%	0%	70%	4%	5%
2019	10%	0%	4%	9%	0%	69%	4%	4%

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INDIANA College and Career Readiness Attainment, Participation, and Opportunity

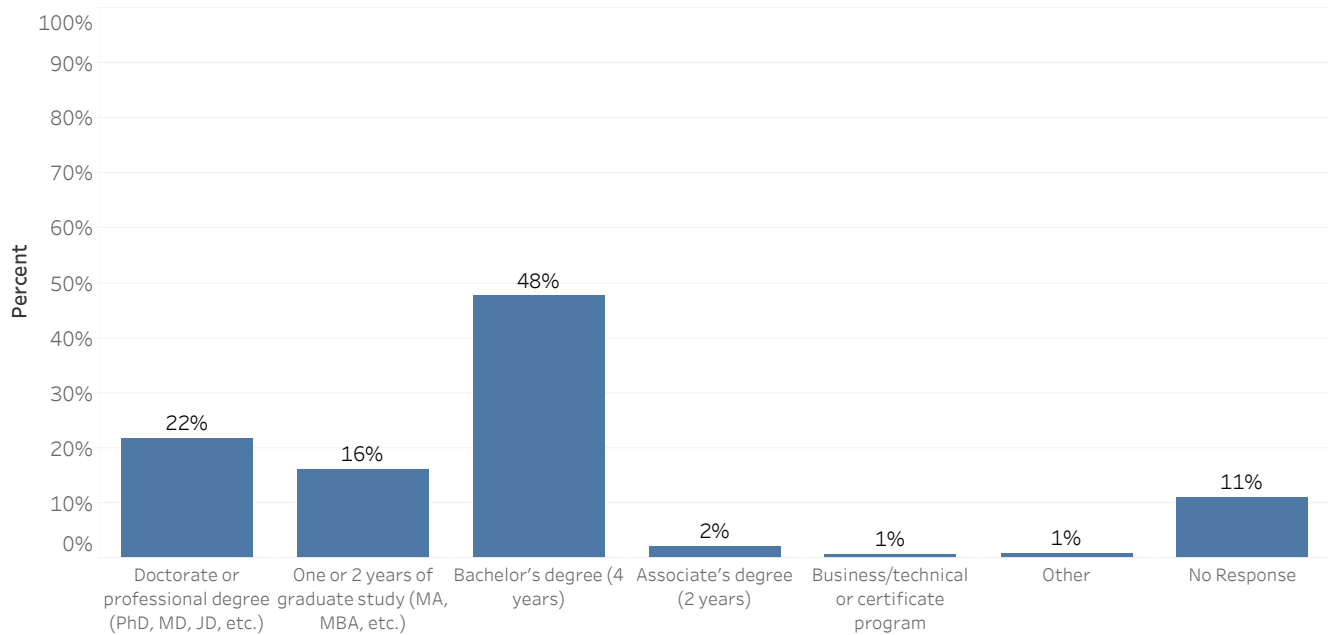
Student Data Trends: 2015-2019, State vs. Nation

	2015	2016	2017	2018	2019
State N-count	27,415	27,268	24,878	23,580	21,482
National N-count	1,924,436	2,090,342	2,030,038	1,914,817	1,782,820
Average ACT English Score - State	21.5	21.6	22.0	21.9	21.7
Average ACT English Score - National	20.4	20.1	20.3	20.2	20.1
Average ACT Reading Score - State	22.6	22.9	23.2	23.1	23.1
Average ACT Reading Score - National	21.4	21.3	21.4	21.3	21.2
Average ACT Math Score - State	22.0	22.1	22.4	22.3	22.3
Average ACT Math Score - National	20.8	20.6	20.7	20.5	20.4
Average ACT Science Score - State	21.8	22.0	22.3	22.2	22.2
Average ACT Science Score - National	20.9	20.8	21.0	20.7	20.6
Average ACT Composite Score - State	22.1	22.3	22.6	22.5	22.5
Average ACT Composite Score - National	21.0	20.8	21.0	20.8	20.7

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INDIANA 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.)	22%
One or 2 years of graduate study (MA, MBA, etc.)	16%
Bachelor's degree (4 years)	48%
Associate's degree (2 years)	2%
Business/technical or certificate program	1%
Other	1%
No Response	11%

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