



RETURN ON INVESTMENT



Indiana University-Purdue University-Fort Wayne

THE INVESTMENT What do Hoosier students pay?

An investment in higher education may be the most important purchase Indiana students ever make. But as with any large investment, students should make informed choices and consider the costs and benefits of the numerous available options in higher education. As they pursue a higher standard of living through a college degree, students should minimize the amount of debt they incur and know their expected monthly payment and how long it will take to pay the debt off. As a general rule, college students should not borrow more than their anticipated annual starting salary after graduation.

| AVERAGE STUDENT INVESTMENT | | AVERAGE STUDENT DEBT | |
|--|----------|---|----------|
| Annual cost of college BEFORE financial aid | \$23,736 | Average debt upon graduation (for students with debt) | \$27,063 |
| Annual cost of college AFTER financial aid | \$12,481 | Percent of students with debt upon graduation | 76% |

THE RETURN What do Hoosier graduates earn?

A college degree brings more job options and a wider range of career opportunities. On average, college graduates earn an extra \$20,000 per year and more than \$1 million over their careers compared to non-college graduates. Though all degrees matter, some have a greater return on investment in terms of career options and earning potential. The highest-value degrees and credentials are those aligned with the needs of the workforce.

| MOST POPULAR PROGRAM AREAS & Industries of Employment | Average Annual Salary in Indiana After Graduation | | |
|---|---|---------------|----------------|
| | after 1 year | after 5 years | after 10 years |
| Business/marketing Banking Institutions (8%) Insurance Carriers (8%) Restaurants (6%) | \$33,086 | \$45,047 | \$56,597 |
| Liberal arts/general studies General Hospitals (7%) K-12 Schools (5%) Banking Institutions (4%) | \$32,922 | \$43,450 | \$52,878 |
| Education K-12 Schools (81%) Day Care Services (3%) Restaurants (2%) | \$28,213 | \$38,026 | \$47,071 |
| ALL PROGRAM AREAS | \$32,224 | \$43,708 | \$53,945 |





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Bachelor's Programs: (Hoosier Graduates that Stay in State)

| Program Area | Industries of Employment | | | Average Annual Salary After Graduation | | |
|---|--|--|---|--|-----------------|-----------------|
| | Industry 1 | Industry 2 | Industry 3 | after 1 year | after 5 years | after 10 years |
| Biological/life sciences | General Hospitals (10%) | Health Care Stores (9%) | Medical Laboratories (6%) | \$25,419 | \$52,074 | ** |
| Business/marketing | Banking Institutions (8%) | Insurance Carriers (8%) | Restaurants (6%) | \$33,086 | \$45,047 | \$56,597 |
| Communication/journalism | Restaurants (5%) | * | * | \$27,265 | \$37,840 | \$45,764 |
| Computer and information sciences | Computer Systems Design (27%) | Communications Equipment Manufacturing (13%) | * | \$46,245 | \$63,987 | \$80,987 |
| Education | K-12 Schools (81%) | Day Care Services (3%) | Restaurants (2%) | \$28,213 | \$38,026 | \$47,071 |
| Engineering | Architectural and Engineering Services (14%) | Communications Equipment Manufacturing (11%) | Employment Services (11%) | \$51,194 | \$66,144 | ** |
| Engineering technologies | Architectural and Engineering Services (9%) | Medical Equipment Manufacturing (8%) | Communications Equipment Manufacturing (7%) | \$49,661 | \$62,758 | \$75,893 |
| Health professions/related progs. | General Hospitals (48%) | Outpatient Care Centers (7%) | K-12 Schools (7%) | \$35,613 | \$46,449 | \$51,945 |
| Homeland Security, law enforcement, firefighting, and protective services | Government (32%) | * | * | ** | \$37,898 | \$46,377 |
| Liberal arts/general studies | General Hospitals (7%) | K-12 Schools (5%) | Banking Institutions (4%) | \$32,922 | \$43,450 | \$52,878 |
| Psychology | Outpatient Care Centers (14%) | Restaurants (9%) | Vocational Rehabilitation Centers (7%) | \$24,258 | \$31,277 | \$40,602 |
| Public administration and social services | Government (19%) | General Hospitals (12%) | Insurance Carriers (5%) | \$28,516 | \$39,683 | ** |
| Social sciences | Colleges and Universities (8%) | General Hospitals (8%) | Outpatient Care Centers (8%) | \$25,757 | \$37,118 | ** |
| Visual and performing arts | K-12 Schools (13%) | Restaurants (5%) | Employment Services (4%) | \$24,201 | \$32,088 | ** |
| ALL BACHELOR'S PROGRAMS | | | | \$32,224 | \$43,708 | \$53,945 |





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Master's Programs: (Hoosier Graduates that Stay in State)

| Program Area | Industries of Employment | | | Average Annual Salary After Graduation | | |
|------------------------------|---|--------------------------------|--------------------------------------|--|-----------------|-----------------|
| | Industry 1 | Industry 2 | Industry 3 | after 1 year | after 5 years | after 10 years |
| Business/marketing | Communications Equipment Manufacturing (7%) | Colleges and Universities (7%) | Medical Equipment Manufacturing (6%) | \$66,628 | \$85,571 | \$113,993 |
| Education | K-12 Schools (82%) | Colleges and Universities (2%) | Outpatient Care Centers (2%) | \$48,012 | \$56,008 | \$64,046 |
| ALL MASTER'S PROGRAMS | | | | \$54,731 | \$63,443 | \$70,452 |





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NOTES ON WORKFORCE DATA:

Workforce data limitations: All workforce information (average salary, industry of employment) is based SOLELY on students who are employed in Indiana working for employers that participate in unemployment insurance and new hire data submissions. Additionally, workforce information is limited to records that could be linked to data collected by Indiana Department of Workforce Development.

Finally, workforce data are reported only for programs in which 30 or more students in at least two groups (1 year, 5 years, or 10 years out) were employed in Indiana. A space designated with ** indicates that fewer than 30 Indiana resident graduates in at least two groups were employed in Indiana. For industry of employment, data are reported only for industries in which at least five 2007-2011 Indiana resident graduates were employed one year post-graduation. A space designated with * indicates that all remaining industries (other than those reported) employed fewer than five individuals.

DATA ELEMENT DEFINITIONS AND SOURCES

Average Student Investment:

- Annual cost of college BEFORE financial aid: represents, for 2011-2012, the total annual cost of attendance, before financial aid, for in-state, full-time, first-time undergraduate degree-seeking students. Total price is based on students living on-campus (for institutions with on-campus housing) or students living off campus, not with parents. SOURCE: Integrated Postsecondary Education Database (IPEDS).
- Annual cost of cost of college AFTER financial aid: represents, for 2011-2012, the total annual cost of attendance after financial aid (aid that students do not need to pay back) for in-state, full-time, first-time undergraduate degree-seeking students. SOURCE: Integrated Postsecondary Education Database (IPEDS).

Average Student Debt:

- Average student debt upon graduation (for students with debt): represents, for Indiana resident students who graduated with Bachelor's degrees (for four-year institutions) or Associate's degrees (for two-year institutions) in 2010-2011, who started at the institution as first-time students, the total amount of debt amassed by those graduates divided by the total number of Bachelor's or Associate's graduates with debt. This calculation does not include Indiana resident students who graduated in 2010-2011 but did not start at the institution of completion as a first-time student, nor does it include students who graduated without debt. SOURCE: Institutional Supplemental Budget (BRS IV) Data Submissions, September 2012.
- Percent of students with debt upon graduation: represents, for Indiana resident students who graduated with Bachelor's degrees (for four-year institutions) or Associate's degrees (for two-year institutions) in 2010-2011, who started at the institution as first-time students, the percent of those students who graduated with debt. This calculation does not include Indiana resident students who graduated in 2010-2011 but did not start at the institution of completion as a first-time student. SOURCE: Institutional Supplemental Budget (BRS IV) Data Submissions, September 2012.

Most Popular Program Areas and Industries of Employment

- Most popular program areas are the two-digit CIP codes in which the institution conferred the most Bachelor's degrees (for four-year institutions) or Associate's degrees (for two-year institutions) to Indiana resident graduates between 2007 and 2011. SOURCE: CHEDSS Annual Data Submissions to the Indiana Commission for Higher Education.
- Industries of employment are the three four-digit NAICS (North American Industry Classification System) codes in which the largest percentage of 2007-2011 Indiana resident graduates in each program area were employed ONE YEAR post-graduation. SOURCE: Indiana Workforce Intelligence System (IWIS). Note that in some cases, NAICS code names have been slightly modified for space reasons.
- Average annual salary after graduation: represents annual salary for each measured period (1 year, 5 years, or 10 years post-graduation). Average salary after one year represents average salary one year (2-5 quarters) post-graduation for Indiana resident students who graduated between 2009-2011. Average salary after five years represents average salary five years (18-21 quarters) post-graduation for Indiana resident students who graduated between 2005-2007. Average salary after ten years represents average salary ten years (38-41 quarters) post-graduation for Indiana resident students who graduated between 2001-2002. SOURCE: Indiana Workforce Intelligence System (IWIS).

