Industry Employment, Wages and Establishments
The employment, wages and establishments data were derived by the Indiana Business Research Center at the Kelley School of Business, Indiana University (IBRC) from publicly available information published by the US Bureau of Labor Statistics (BLS). Publicly available files include data on the number of establishments, monthly employment, and quarterly wages by NAICS (North American Industry Classification System) industries for the entire United States.

For purposes of these metrics, BioCrossroads and the IBRC have utilized a widely accepted definition of the life sciences industry that was developed by the Biotechnology Industry Organization (BIO) and Battelle Memorial Institute (Battelle). The industry is comprised of five major categories: Agricultural Feedstock and Chemicals, Biologistics, Drugs and Pharmaceuticals, Medical Devices and Equipment and Research, Testing and Medical Laboratories. These life science categories and their related NAICS industry codes have been utilized to facilitate comparisons among states and analyze data over multi-year periods.


Entrepreneurial Activity
The Life Sciences Venture Capital Invested data is sourced from publicly available data compiled by BioEnterprise (www.bioenterprise.com).

Exports
Exports data was obtained from the commercially-available Wiser Trade database, using the NAICS codes for the life sciences industry. IBRC delineated life science-appropriate commodities to determine life sciences trade activity for Indiana over time.

Research University Activity
The data for eight metrics included in this category were collected from the Indiana University Research & Technology Corporation (Indiana University), Purdue Research Foundation (Purdue University) and the Office of Technology Transfer (University of Notre Dame). The data had previously been submitted to the Association of University Technology Managers (AUTM) for its yearly licensing surveys. The data for the three universities has been aggregated to present a collective metric for each category. The metrics reflect activity for each university’s entire research and commercialization activities. Therefore, these metrics include data for both life sciences and non-life sciences activities at each of these universities.

Industry Innovation
The data for the Patents and Medical Device FDA Filings was collected by the IBRC from the commercial database IE360 (now doing business as Research360) which tracks patents. The “FDA Product Approvals” category represents only product approvals and excludes FDA approvals required for changes in manufacturing processes, packaging and labeling.