

## Variable List and Definitions

This document provides definitions for the variables included in the UNC's Kenan Institute of Private Enterprise and the Duke University Innovation and Entrepreneurship (I&E) Entrepreneurship Database. Each variable is assigned an unique variable ID. For more information, please refer to the individual read me files.

- 8      **Poverty Rate:** Ratio of individuals that are below the designated national poverty line.
- 10     **Manufacturing Intensity Rate:** Ratio of manufacturing jobs to all jobs.
- 11     **Average Firm Size:** Average establishment size.
- 12     **Scientific Degrees:** Total science & engineering doctorates awarded.
- 13     **Patent Count:** A count of all patents granted.
- 14     **Rate of New Entrepreneurs:** Ratio of the local adult population that became entrepreneurs each month, measured as a 3-year moving average.
- 15     **Startup Density:** Number of startup firms per 1,000 firm population. Startup businesses are defined as firms less than one-year old and employing at least one person besides the owner.
- 16     **Opportunity Share of New Entrepreneurs:** Ratio of new entrepreneurs who were not unemployed before starting their business, measured as a 3-year (state) or a 5-year (metro area) moving average.
- 17     **Foreign Employment:** Jobs created through foreign direct investment (FDI).
- 18     **Taxes Per GDP:** State and local taxes as percent of GDP.
- 19     **Unemployment Rate:** Unemployment rate.
- 20     **Total Employee Headcount:** Persons identified by the post-secondary institution as employee
- 21     **Innovation Rate:** Utility patents per 10k employees.
- 22     **Count of Institutions:** Count of post-secondary institutions.
- 23     **Net International Migration:** Ratio of net international migration to total population.
- 24     **Population by Age - 0 to 4:** Population by Age - Ages 0 to 4 (Preschool).
- 25     **Population by Age - 5 to 17:** Population by Age - Ages 5 to 17 (School Age).
- 26     **Population by Age - 18 to 24:** Population by Age - Ages 18 to 24 (College Age).
- 27     **Population by Age - 25 to 44:** Population by Age - Ages 25 to 44 (Young Adult).
- 28     **Population by Age - 45 to 64:** Population by Age - Ages 45 to 64 (Older Adult).

- 29     **Population by Age - 65 and older:** Population by Age - Ages 65 and Older (Older Adult).
- 30     **Admissions Count:** The total number of first-time, degree/certificate-seeking undergraduate students who have been granted an official offer to enroll in a college or university.
- 31     **Faculty Count:** Persons identified by the post-secondary institution as faculty.
- 32     **Fall Cohort:** The group of students entering in the fall term.
- 33     **Population Density:** Population density.
- 34     **Unionization Rate:** Ratio of workers represented by unions.
- 35     **Advanced Scientific Workers:** Ratio of employed science, engineering and health doctoral holders to total population.
- 36     **Employment Cluster Strength:** Percent of traded employment in strong clusters.
- 37     **Kauffman Index of Entrepreneurial Activity:** Ratio of individuals (ages 20-64) who start a business where they worked more than 15 hours and who didn't own a business in the previous month.
- 38     **HQ of Fortune 1000 Firms:** Count of Fortune 1000 firms headquartered in the area.
- 39     **Corporate Taxes as Percentage of GDP:** Ratio of state and local net income tax to GDP.
- 40     **GDP per capita:** Gross domestic product (GDP) per capita.
- 41     **Military Payroll per capita:** Military personnel wages and expenditures.
- 42     **Annual Wage:** Average payroll divided by total employment in a particular year.
- 43     **Employed S.E.H. Doctorates:** The count of employed doctorate holders.
- 44     **Labor Force Productivity:** Gross domestic product (GDP) per civilian labor force participant.
- 45     **Labor Mobilization:** Proportion of the working age population in the workforce, calculated as the civilian labor force divided by the civilian non-institutional population.
- 46     **Net Domestic Migration:** Ratio of net domestic migration to total population.
- 47     **Research Costs:** Total expenditures on research
- 48     **Research and Public Service Expenses and Grants:** Total expenditures on research and public services related expenses, scholarships and fellowships.
- 49     **Exports as Percent of GDP:** Ratio of exports to GDP.
- 50     **Count of IPOs:** Count of IPOs.
- 51     **Venture Capital Dollars per \$10,000 GDP:** Venture capital per \$10,000 GDP.

- 52     **Federal R&D Funding per capita:** Federal funding for R&D per capita.
- 53     **Total R&D Expenditures per capita:** Total R&D expenditures per capita.
- 54     **Count of New Firms:** A count of the number of age 0 firms.
- 55     **GDP (millions of current dollars):** The measure of the market value of all final goods and services produced within a state/metropolitan area in a particular period of time.
- 56     **State Subsidies (millions of current dollars):** The monetary grants paid by government agencies to private business or to government enterprises at another level of government.
- 57     **State Government Employment:** All individuals gainfully employed by and performing services for a government.
- 58     **State Government Payroll:** The gross payroll includes all salaries, wages, fees, commissions, bonuses, or awards paid to employees during the one month pay period that includes the date of March 12.
- 59     **Wages and Salaries (thousands of current dollars):** The remuneration receivable by employees (including corporate officers) from employers for the provision of labor services.
- 60     **Venture Capital Deals:** Count of US venture capital deals by state.
- 61     **Venture Capital Dollars (current dollars):** Total US venture capital dollars invested by state.
- 62     **Graduation Rate:** Ratio of full-time, first-time, degree/certificate-seeking undergraduate students graduating within 150 percent of normal time.
- 63     **Research Share:** The ratio of spending on research to all other spending at higher education institutions.
- 64     **Startups 2-Year Survival Rate:** Ratio of startups established in a given year that survived for at least two years.
- 65     **Startups 3-Year Survival Rate:** Ratio of startups established in a given year that survived for at least three years.
- 66     **Startups 5-Year Survival Rate:** Ratio of startups established in a given year that survived for at least five years.
- 67     **Violent Crime per 100,000 Inhabitants:** Violent crime is defined as any of the following offenses: murder and non-negligent manslaughter, forcible rape, robbery, and aggravated assault.
- 68     **Property Crime per 100,000 Inhabitants:** In the Uniform Crime Reporting Program, property crime includes the offenses of burglary, larceny-theft, and motor vehicle theft. The object of the theft-type offenses is the taking of money or property, but there is no force or threat of force against the victims.

- 69     **State Business Tax Climate Index:** The Tax Foundation's *State Business Tax Climate Index* is a hierarchical structure built from five components: Individual Income Taxes, Sales Taxes, Corporate Taxes, Property Taxes, and Unemployment Insurance Taxes.
- 70     **Startups End-of-Q1 Employment Counts:** Estimate of the number of jobs at firms aged 0-1, as measured on the final day of quarter one of the given year.
- 71     **Count of New Establishments:** A count of the number of age 0-1 establishments. An establishment is a single physical location where business is conducted or where services or industrial operations are performed.
- 72     **Job Creation:** Count of all jobs created over the last 12 months.
- 73     **Number of Young Firms:** Number of firms with paid employees and less than 2 years in business.
- 74     **Number of Employees for Young Firms:** Number of employees at firms with less than 2 years in business.
- 75     **Annual Payroll for Young Firms:** Annual payroll for firms with less than 2 years in business.
- 76     **Number of American Indian and Alaska Native-owned Young Firms:** Number of American Indian and Alaska Native-owned firms with paid employees and less than 2 years in business.
- 77     **Number of Employees for American Indian and Alaska Native-owned Young Firms:** Number of employees for American Indian and Alaska Native-owned firms with less than 2 years in business.
- 78     **Annual Payroll for American Indian and Alaska Native-owned Young Firms:** Annual payroll for American Indian and Alaska Native-owned firms with less than 2 years in business.
- 79     **Number of Asian-owned Young Firms:** Number of Asian-owned firms with paid employees and less than 2 years in business.
- 80     **Number of Employees for Asian-owned Young Firms:** Number of employees for Asian-owned firms with less than 2 years in business.
- 81     **Annual Payroll for Asian-owned Young Firms:** Annual payroll for Asian-owned firms with less than 2 years in business.
- 82     **Number of Black or African American-owned Young Firms:** Number of Black or African American-owned firms with paid employees and less than 2 years in business.
- 83     **Number of Employees for Black or African American-owned Young Firms:** Number of employees for Black or African American-owned firms with less than 2 years in business.
- 84     **Annual Payroll for Black or African American-owned Young Firms:** Annual payroll for Black or African American-owned firms with less than 2 years in business.
- 85     **Number of Female-owned Young Firms:** Number of female-owned firms with paid employees and less than 2 years in business.

- 86     **Number of Employees for Female-owned Young Firms:** Number of employees for female-owned firms with less than 2 years in business.
- 87     **Annual Payroll for Female-owned Young Firms:** Annual payroll for female-owned firms with less than 2 years in business.
- 88     **Number of Veteran-owned Young Firms:** Number of veteran-owned firms with paid employees and less than 2 years in business.
- 89     **Number of Employees for Veteran-owned Young Firms:** Number of employees for veteran-owned firms with less than 2 years in business.
- 90     **Annual Payroll for Veteran-owned Young Firms:** Annual payroll for veteran-owned firms with less than 2 years in business.