

Name of Dataset	Data Source, Collection Method, and Size	Unit of Observation	Coverage	Non-coverage	Longitudinal?	Definition of Entrepreneurship	Data Items	Frequency of Publication	Lag in Publication	Major Advantages & Disadvantages
GOVERNMENT SOURCES										
BLS: Quarterly Census of Employment and Wages (QCEW)	<i>Administrative Business Data</i> (UI state tax records) supplemented by <i>Survey Data</i> (MWR, ARS) <i>Size:</i> 8.8 million establishments	Establishment (Firm data available by EIN)	Covers all employment subject to UI and UCFE laws	Excludes non-employers, most agricultural workers, military, most elected officials, most railroad employees, some domestic workers, most student workers at schools, and employees of certain small non-profit organizations	<i>No</i> – Data is collected on a quarterly basis	Undefined	Monthly employment, total quarterly wages, total count of business establishments by industry, ownership, and county	<i>Quarterly:</i> “County Employment and Wages” <i>Annual:</i> “Employment and Wages Annual Averages”	7 months	A: Comprehensive and relatively timely census of employment; establishments are legally obligated to report accurate employment and wages for UI tax purposes D: Excludes non-employers
BLS: Business Employment Dynamics (BED)	<i>Administrative Business Data</i> (obtained from QCEW) <i>Size:</i> 6.8 million establishments	Establishment (Firm data available by EIN)	Covers all private sector employment subject to UI laws	Same exclusions as QCEW, as well as government, private households, and establishments with zero employment	<i>Yes</i> – <i>Longitudinal Panel Data:</i> Quarterly establishment and firm-level data linked over time in the Longitudinal Database (LDB)	A new business corresponds to a new record or reopening for which there is no predecessor	Gross job gains and losses, openings and closings, expansions and contractions – quarterly employment and wages, industry, and address	<i>Quarterly:</i> “Business Employment Dynamics”	8 months	A: Longitudinal nature allows for examination of job flows and business behavior D: Excludes non-employers
BLS/Census Bureau: Current Population Survey (CPS)	<i>Household Survey:</i> personal/phone interviews <i>Sample Size:</i> 60,000	Individual	Multistage stratified sample of the entire U.S. population age 16 and older	Excludes members of the Armed Forces and the institutional population	<i>No</i> – Survey is conducted monthly, respondents are in for 4 months, out for 8 months, then in again for 4 months	Undefined – collects data on self-employment	Labor market status, hours, earnings, class, industry, occupation, reasons for unemployment or part-time work, and demographic characteristics	<i>Monthly:</i> “The Employment Situation”	1 month	A: One of the most visible and timely indicators of labor market conditions; includes entire working-age population D: Subject to sampling and response/non-response error

Census Bureau: Business Register (formerly referred to as the Standard Statistical Establishment List – SSEL)	<i>Administrative Data</i> (IRS federal tax records, supplemented by SSA EIN/ industry codes and BLS UI records) and <i>Survey Data</i> (Economic Census, supplemented by the Company Organization Survey and others) <i>Size:</i> ~24 million establishments	Establishment	IRS business tax data is sent to CB on a regular basis (includes non-employers), Economic Census is conducted every 5 years (years ending 2 & 7) and covers all large employers (exact coverage varies by industry) and a sample of smaller employers	Excludes agricultural and government workers	<i>No</i> – Economic Census is on a 5-year cycle, supplemented by data from annual surveys	Business Register: New EIN Non-Employer Statistics: sole proprietorships, partnerships, and corporations without paid employees	First quarter employment, payroll, receipts, address, ownership sector, organizational form, industry classification	<i>Annual:</i> “County Business Patterns” (CBP) <i>Available Online Only:</i> “ZIP Business Patterns” (ZPB) and “Non-Employer Statistics” (NES)	CBP: 2 years ZPB: ~2 years	A: Wide coverage D: Data quality deteriorates between Economic Census years, births and deaths not always accurately captured, lack of timeliness
Census Bureau: Longitudinal Business Database (LBD)	<i>Administrative and Survey Data:</i> obtained from the Business Register	Establishment	Same as Business Register	Same as Business Register, excludes establishments with zero annual payroll	<i>Yes</i> – <i>Longitudinal Panel Data:</i> Annual data linked over time	Same as Business Register	Same as Business Register	N/A: No official release of statistics, only special studies	Varies	A: Microdata allows for very specific studies D: Lack of timeliness
Census Bureau: Integrated Longitudinal Business Database (ILBD)	Combination of Business Register data and IRS data on non-employer businesses <i>Size:</i> 21 million	Establishment	Same as Business Register, also includes non-employer businesses	Excludes agricultural workers and government	<i>Yes</i> – <i>Longitudinal Panel Data:</i> Annual data linked over time	Same as Business Register	Same as Business Register	N/A: No official release of statistics, only special studies	Varies	A: May capture transition from non-employer to employer status D: Still under development/not publicly available
Census Bureau: Longitudinal Employer-Household Dynamics (LEHD)	<i>Administrative Data:</i> state UI tax records (BLS) are merged with Business Register data, supplemented by <i>Household Survey Data</i> <i>Size:</i> ~5 million records, more states are in the process of being added	Establishment and Household	Same as QCEW, includes non-employers	Same as Business Register, excludes some states	<i>Yes</i>	Undefined	# of jobs, quarterly gross job gains and losses, new hires and separations, earnings, and some demographic characteristics by county	<i>Available Online Only (Quarterly):</i> “Quarterly Workforce Indicators”	1 year	A: Links together business and household survey data D: Lack of timeliness

SBA/Census Bureau: Statistics of U.S. Businesses (SUSB)	Same as Business Register	Firm	Same as Business Register	Excludes some agricultural workers, railroads, private households, large pension, health and welfare funds and government workers	No – Data is compiled on an annual basis	Same as Business Register	Same as Business Register	<i>Annual:</i> “Statistics of US Businesses” <i>Annual:</i> “The Small Business Economy”	2 years	A: Detailed size-class data at the MSA level D: Same as Business Register, lack of timeliness
SBA/Census Bureau: Business Information Tracking Series (BITS) (also the Longitudinal Enterprise and Establishment Microdata – LEEM)	<i>Administrative and Survey Data:</i> obtained from CB’s CBP and SUSB (products of the Business Register) <i>Size:</i> ~13 million	Establishment	Includes private sector establishments with positive payroll	Excludes non-employers, some agricultural workers, railroads, private households, large pension, health and welfare funds, and government workers	<i>Yes – Longitudinal Panel Data:</i> Annual data linked over time	Same as Business Register	Same as Business Register	N/A: No official release of statistics, only special studies	Varies (at least 2 years)	A: Longitudinal nature allows for examination of job flows and business behavior D: Same as Business Register, does not include non-employers
Census Bureau: Survey of Business Owners (CBO) (formerly the Surveys of Minority- and Women-Owned Business Enterprises SMOBE/SWOBE)	<i>Business Survey:</i> sample is drawn from IRS federal business income tax records <i>Sample Size:</i> 2.3 million	Firm	Stratified sample of all firms with receipts of \$1,000 or more	Excludes agricultural production, airlines, railroads, U.S. Postal Service, mutual funds, private households, religious and grantmaking organizations, and government	No – conducted every 5 years in conjunction with the Economic Census (2002, most recent)	Undefined	# of firms, employees, annual payroll, geographic area, industry, receipts, legal form, and owner’s demographic information	<i>Every 5 years:</i> “Characteristics of Businesses” “Characteristics of Business Owners”	4 years	A: Large sample size D: Subject to sampling and response/non-response error
Census Bureau: American Community Survey (ACS)	<i>Household Survey Data:</i> new survey, designed to replace the decennial Census long form <i>Sample Size:</i> 5 million (2005)	Household	Random sample of all U.S. addresses	2005 ACS excluded people living in group quarters – these people will be included in future surveys	No – Survey is conducted monthly, reported annually	Self-employed workers in own not incorporated business, professional practice, or farm	Demographic, Social, Housing, and Economic data – includes status, income, occupation, industry, class	<i>Annual:</i> Data becomes available on the Census Bureau website	6-8 months for more populous areas; longer for less populous areas	A: Large sample size, includes both demographic and economic data D: Subject to sampling and response/non-response error
Federal Reserve Board: Survey of Small Business Finances	<i>Business Survey:</i> uses the Dun’s Market Identifier file (DMI) as a sampling frame	Firm	Sample covers small businesses in DMI, over-sampling of minority-owned businesses	Excludes businesses with greater than 500 employees	No – Survey conducted every 5 years	Undefined	Employment, owner characteristics, financial information, access to credit	<i>Every 5 years:</i> “Report to Congress on the Availability of Credit to Small	3-4 years	A: Unique source of financing data for small business D: Small sample size; subject to sampling and

	<i>Sample Size:</i> 3,500 firms						and financing sources, etc.	Business”		response/non-response error
BLS: National Longitudinal Surveys (NLS)	<i>Household Survey:</i> surveys of several cohorts born in different years <i>Sample Size:</i> varies (over 5,000)	Individual	Random sample of birth year cohorts	N/A	<i>Yes</i> – respondents are reinterviewed on an annual and biennial basis	Undefined: collects data on self-employment	Labor force experiences, education and training, family characteristics, health, assets and income	<i>Varies:</i> No specific publication, data becomes available periodically on the Census Bureau website	Varies	D: Subject to sampling and response/non-response error; attrition
Census Bureau: Survey of Income and Program Participation (SIPP)	<i>Household Survey:</i> nationally representative sample <i>Size:</i> varies by year – 2004 panel consists of 46,500 households	Individual/ Household	Multi-stage stratified sample of U.S. population age 15 and older	Excludes members of the Armed Forces and the institutional population	<i>Yes</i> – length of time varies from 2.5 to 4 years	Undefined: Respondents are asked about both self-employment (paid work that was not done for an employer) and whether they own a business	Demographic information, employment status and other details (hours, occupation, industry, income, etc.), public program eligibility and usage	<i>Varies:</i> No specific publication, data becomes available periodically on the Census Bureau website	Varies	D: Subject to sampling and response/non-response error; attrition
IRS: Statistics of Income (SOI)	<i>Administrative Data:</i> IRS federal income tax records	Individual	All U.S. businesses	N/A	<i>No</i> – based on annual tax returns	Undefined: collects data on non-farm sole proprietorships and partnerships	Business receipts, net income, salaries/wages paid, and other financial information	Various products and publications on IRS website	1.5 years	D: Excludes entrepreneurial activity not organized as a sole proprietorship or partnership
BEA: Proprietor Employment & Income (part of State and Local Personal Income estimates)	<i>Administrative Data:</i> personal federal income tax records (IRS), supplemented by state UI tax records (BLS) and other government records/surveys	Establishment	Same as QCEW, adjusted to include industries not covered by UI	Unpaid family workers and volunteers	<i>No</i> – quarterly and annual estimates	<i>Proprietor Employment:</i> # of sole proprietorships & general partners <i>Proprietor Income:</i> sole proprietorships, partnerships and tax-exempt cooperatives	Employment, income, industry, geographic information	<i>Quarterly:</i> State Income Estimates <i>Annual:</i> State and Local Area Estimates	<i>State Estimate:</i> 3-4 months <i>Local Estimate:</i> 8-9 months	A: Wide coverage, timely source of income data D: Data is subject to multiple revisions
PRIVATE & NON-PROFIT SOURCES										

Dun & Bradstreet (D&B): Dun's Market Identifier File (DMI)	<i>Multiple Sources:</i> Combination of publicly available information, interviews, and D&B's credit rating information <i>Size:</i> over 17 million establishments	Firm and Establishment	Private and public companies in the U.S.	Excludes new businesses until they are identified by their application for a DUNS number or through their financial activities	<i>No</i> – data is updated continuously but not at the same time for all businesses	New businesses are identified based on their “start year”	Establishment and firm-level employment, name, owner name, industry, full address, legal status, and financial information	<i>N/A:</i> Data is constantly being updated on an ad-hoc basis and sold to users	<i>N/A</i>	A: Publicly available microdata for purchase D: No consistent method for identifying and including new businesses
Kauffman Foundation: Panel Survey on Entrepreneurial Dynamics I & II (PSED I & II)	<i>Household Survey:</i> phone survey of individuals age 18+ <i>Sample Size:</i> PSED I: 64,622 (830 entrepreneurs) PSED II: 32,000 (1,300 entrepreneurs)	Individual	Random sample of the U.S. population	Excludes entrepreneurs that are not specifically in the start-up or gestation stage	<i>Yes</i> – PSED I follows respondents for 2 years, PSED II for 3 years	<i>Nascent Entrepreneurs:</i> a new business intended to be an independent startup <i>Nascent Intrapreneurs:</i> startup sponsored by an existing firm	Demographic information, entrepreneurial activities, financial information	“Handbook of Entrepreneurial Dynamics” (book, covers 1990-2003), PSED II results have not been released yet	<i>N/A</i>	A: Focus on entrepreneurship is useful for research purposes D: subject to sampling and response/non-response error; attrition
Kauffman Foundation: Index of Entrepreneurial Activity	<i>Household Survey Data:</i> matches records from the Current Population Survey across time <i>Sample Size:</i> over 8 million adults (between 1996-2005)	Individual	Same as CPS	Same as CPS	<i>No</i> – captures individuals starting a business at a given point in time	All individuals age 20-64 who did not own a business as their main job in one month, and who report owning a business the following month (must spend at least 15 hours/ week on business activities)	Percentage of non-business owning adults who start a business each month. Analysis by demographic, regional, and industry comparisons	<i>Annual</i>	5-9 months	Same as CPS A: May include new businesses not captured by other sources D: Household data gives limited information about the business being created
Kauffman Financial and Business Database	Same as D&B <i>Size:</i> over 900,000 companies	Same as D&B	Same as D&B	Same as D&B	<i>Yes</i> – firms linked 1996 to present	Same as D&B	Demographic and financial information, including # of employees, industry, etc.	<i>N/A:</i> No official release of statistics, only special studies	<i>N/A</i>	Same as D&B

Kauffman Firm Survey (conducted by Mathematica)	<i>Business Survey:</i> uses the Duns Market Identifier (D&B) file as a sampling frame <i>Sample Size:</i> 5,000/year	Firm	Interviews of principals of firms that started operation in 2004, over-sampling of high-tech and women-owned businesses	Excludes not-for-profit organizations	<i>Yes</i> – survey will follow firms for 4 years	A new business is defined as not having been assigned an EIN or having made tax payments; not a subsidiary, branch, or inherited business	Employment, work behavior, demographics, business strategy, firm characteristics, organizational structure, HR benefits, and financial info	<i>Not published yet</i> – data from 2004 is expected to be released in fall 2006	N/A	A: Will provide data about startup experiences of entrepreneurs D: Low response rate predicted; subject to sampling and response/non-response error
GEM Consortium: Global Entrepreneurship Monitor	<i>Household Survey:</i> random phone survey of adults ages 18-64, conducted in 41 countries <i>Sample Size (U.S.):</i> 23,291 over 6 years	Individual	Weighted sample of all U.S. adults that are either in the process of starting a business or are an owner/manager of a young business	N/A	<i>No</i> – goal is to capture the # of entrepreneurs at a specific point in time	<i>Nascent Entrepreneurs:</i> are involved in the initial stage of creating an independent startup business	Indexes are calculated according to number of startups, financing, motivation, innovation, and growth	<i>Annual:</i> “GEM Global Report” (includes data from other GEM measures and surveys)	Varies	A: Data provides a basis for comparison of entrepreneurial activity across countries D: small sample size; subject to sampling and response/non-response error

Websites:

BLS Quarterly Census of Employment and Wages: <http://www.bls.gov/cew/home.htm>

BLS Business Employment Dynamics: <http://www.bls.gov/bdm/home.htm>

BLS/Census Bureau: Current Population Survey : <http://www.bls.gov/cps/> ; <http://www.census.gov/cps/>

Census Bureau Business Register: <http://www.census.gov/econ/overview/mu0600.html>

ZIP Business Patterns: http://www.census.gov/epcd/www/zbp_base.html

Non-Employer Statistics: <http://www.census.gov/epcd/nonemployer/>

Longitudinal Employer-Household Dynamics (LEHD): <http://lehd.dsd.census.gov/led/index.html>

SBA/Census Bureau: Statistics of U.S. Businesses (SUSB): <http://www.census.gov/csd/susb/>

SBA/Census Bureau: Survey of Business Owners: <http://www.census.gov/csd/sbo/>

Census Bureau: American Community Survey (ACS): <http://www.census.gov/acs/www/>

FRB: Survey of Small Business Finances: <http://www.federalreserve.gov/Pubs/oss/oss3/nssbftoc.htm> ; <http://www.federalreserve.gov/ssbf/>

BLS: National Longitudinal Surveys: <http://www.bls.gov/nls/home.htm>

Census Bureau: Survey of Income and Program Participation (SIPP): <http://www.sipp.census.gov/sipp/>

IRS: Statistics of Income (SOI): <http://www.irs.gov/taxstats/article/0,,id=120303,00.html> ; <http://www.irs.gov/taxstats/productsandpubs/article/0,,id=125133,00.html>

BEA: Proprietor Employment & Income: <http://www.bea.gov/bea/regional/data.htm>

Kauffman Foundation Entrepreneurial Research Portal: <http://research.kauffman.org/>

GEM Consortium: <http://www.gemconsortium.org/>