

Establishment Microdata:

ASM, CIR, MECS, MEPS-IC, NES

Restricted-Use Establishment Microdata

Annual Survey of Manufactures (ASM)

Description: The Annual Survey of Manufactures (ASM) provides sample estimates of statistics for all manufacturing establishments with one or more paid employee. Among the statistics included are annual data on total employment, payroll, compensation, and fringe benefits; production worker wages and hours; total cost of materials, contract work, and purchased energy; electricity consumption and production; value added; detailed value of shipments; detailed end of year inventories; and capital expenditures.

Survey Unit: Establishment

Frequency: Annually

Time Periods: 1973-2011

Number of Observations: 52,000-70,000 per year

Sponsor: [Census Bureau](#)

Current Industrial Reports (CIR)

Description: The Current Industrial Report (CIR) provides monthly, quarterly, and annual measures of industrial activity. The measures provided include production and shipments of select products, and manufacturing activity in important commodity areas such as textiles and apparel, chemicals, primary metals, computer and electronic components, industrial equipment, aerospace equipment, and consumer goods.

Survey Unit: Establishment

Frequency: Annually (Discontinued)

Time Periods: 1993-2011

Number of Observations: TBD

Sponsor: [Census Bureau](#)

Manufacturing Energy Consumption Survey (MECS)

Description: The Manufacturing Energy Consumption Survey (MEC) provides data on the consumption of electricity and other types of fuel. It also provides data on the capability of manufacturers to substitute alternative fuels for those actually consumed, end uses, the extent to which energy-related technologies are being used by manufacturers and other related topics.

Survey Unit: Establishment

Frequency: Various

Time Periods: 1985, 1988, 1991, 1994, 1998, 2002

Number of Observations: 12,000-18,000 per year

Sponsor: [Energy Information Administration](#)

Medical Expenditure Panel Survey-Insurance Component (MEPS-IC)

Description: The MEPS Insurance Component (MEPS-IC) collects data on health insurance plans obtained through employers. Data collected include the number and type of private insurance plans offered, benefits associated with these plans, premiums, contributions by employers and employees, eligibility requirements, and out-of-pocket costs. Data also include both employer (e.g., size, age, location, industry) and workforce characteristics (e.g., percent of workers female, 50+ years of age, belong to union, earn low/medium/high wage).

Survey Unit: Establishment

Frequency: Annually

Time Periods: 1996-2006, 2008-2012

Number of Observations: 31,500 private sector, 2,700 government employer units

Sponsor: [Agency for Healthcare Research and Quality \(AHRQ\)](#)

National Employer Survey (NES)

Description: The National Employer Survey was created to provide and relate information on worker education, employer training and employer business characteristics, including business productivity. The survey covers all U.S. manufacturing and nonmanufacturing establishments with 20 or more employees, except agriculture and government establishments. Data were collected on four topics: employees and employment, employee training, business characteristics, and equipment and technology. Employees and employment included number of employees, work week, pay, benefits, supervision, hiring practices and union representation. Employee training included organization, purposes, formal and informal programs, duration, trainees and effectiveness. Business characteristics included year operations began, company and establishment size, principal product and exports. Equipment and technology included capital assets, recent investments, age of equipment, use of computers and research activities.

Survey Unit: Establishment

Frequency: Various

Time Periods: 1994, 1996, 1997, 1998

Number of Observations: 1,000-5,000 depending on year

Sponsor: [Department of Education \(DOE\)](#)

Quarterly Survey of Plant Capacity Utilization (QPC)/ Survey of Plant Capacity Utilization (PCU)

Description: The purpose of the Survey of Plant Capacity Utilization (PCU) is to provide statistics on the rates of capacity utilization for the U.S. manufacturing sector and publishing sectors. The survey covers manufacturing establishments with 5 or more paid employees. The PCU survey collects data on establishments' operational status, value of actual production, estimated production attainable at full and emergency conditions, reasons for operating at less than full production capacity, time required to reach full production, and time required to reach emergency production levels. The survey also collects data on work patterns by shift. These data include days per week in operation, plant hours per week in operation, weeks in operation in the quarter, total and temporary production workers and hours worked.

Survey Unit: Establishment

Frequency: Quarterly

Time Periods: 1974-2011

Number of Observations: 17,000

Sponsor: [Federal Reserve](#) (FED)

Survey of Manufacturing Technology (SMT)

Description: The purpose of the Survey of Manufacturing Technology (SMT) is to measure the presence, use, and planned use of advanced technologies in the manufacturing sector. The survey covers establishments with 20 or more employees that are classified in select NAICS manufacturing major groups. Basic data are collected on the presence and plans for using advanced technologies, establishment characteristics, technologies and other topics. The survey covers 17 specific technologies, including numerically-controlled machines, computer-aided design or engineering technologies, programmable controllers, and local area networks. Characteristics data include type of manufacturing, age of plant, primary customer, and price of products sold. Other basic questions include the reasons for not adopting technologies, and interaction with Federal defense agencies. Additional questions may be included on topics specific to each survey.

Survey Unit: Establishment

Frequency: Various (Discontinued)

Time Periods: 1988, 1991, 1993

Number of Observations: 10,000

Sponsor: [Census Bureau](#)

Survey of Pollution Abatement Costs and Expenditures (PACE)

Description: The Pollution Abatement Costs and Expenditures (PACE) survey provides data on manufacturing plants' operating costs and capital expenditures associated with pollution abatement. These expenditures are further broken down by media (air, water, solid waste) and type of cost. A number of other items have also been collected by the PACE survey through its history.

Survey Unit: Establishment

Frequency: Various (Discontinued)

Time Periods: 1974-1982, 1984-1986, 1988-1994, 1999, 2005

Number of Observations: 16,500-21,000 depending on year

Sponsor: [Census Bureau](#) and [Environmental Protection Agency](#) (EPA)