

Resources for Research Projects

The following documents various sources of data (both quantitative and qualitative) which undergraduates pursuing an econometric or statistically-minded research project may find useful.

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1 Digital Social Science Center, CU Libraries and EconLit

The Digital Social Science Center (DSSC) provides a range of services to support economics research. They offer research guides, tutorials and workshops, GIS and Statistical Data, and in-person consultations. In addition, they can assist you with various software such as Stata, SAS and SPSS, as well as mapping and GIS resources. DSSC is located in the Lehman library on the 3rd floor of IAB. A number of resources included in this document can be access through DSSC; it is probably the best option where available, as they have very helpful staff.

<http://library.columbia.edu/locations/dssc.html>

On the home page for the DSSC you will find links to both spatial and numeric data by topics. A partial list of data links includes data for NY City, US Population, Economics, Finance, Health, Trade etc.

The Columbia Library Economics Research Guide is a general guide to the resources available to you at the libraries. You can also consult with the research librarians in the Watson Library (Uris).

<http://guides.library.columbia.edu/ECON>

The first place to begin your literature review is a database on the Library website called EconLit. This contains an exhaustive and fully searchable database of articles, books, theses and other publications. You will find a link to EconLit as well as links to JStor and Google Scholar on the home page of the Economics Research Guide mentioned above.

2. Data Sources

As mentioned above, much of this data can be accessed through the DSSC (see their home page for links to data series). Below are some other common internet sources for data.

2.1 US

2.1.1 Macro Data

Bureau of Economic Analysis

<http://www.bea.gov/>

The Bureau of Economic Analysis has a range of US economic indicators and data, based on:

- National Economic Accounts (<http://www.bea.gov/national/index.htm>)
- International Economic Accounts (<http://www.bea.gov/international/index.htm>)
- Industry Economic Accounts (<http://www.bea.gov/industry/index.htm>)
- Regional Economic Accounts (<http://www.bea.gov/regional/index.htm>)

References for Economists on the Internet

<https://www.aeaweb.org/rfe/index.php>

The American Economics Association's References for Economists has a comprehensive range of data links. The general data page index is [here](#). Data categories are broken down as follows:

US regional and Macro data

"Primary" macro and regional sites that generate data (many long series)

- Bureau of Economic Analysis (BEA) - National Income and Produce Accounts (GDP, etc.), international and regional data
- Bureau of Labor Statistics (BLS) - more than 250,000 long series; unemp. and price series most prominent
- Conference Board
- Congressional Budget Office (CBO) - current federal spending and revenue; macro forecasts
- Federal Budget for the Fiscal Years 1997 to 2007 - summary and very detailed federal budget info
- Federal Reserve
- Survey of Consumers from the Univ. of Michigan - well-known survey of consumer attitudes
- What Was the GDP Then? - U.S. GDP estimates starting in 1789

"Secondary" macro sites (data from primary sources packaged together, sometimes with analysis)

- EconData (INFORUM) - macro data packaged in a standard format
- Council of Economic Advisers (CEA) - advice to the President
- Economic Report of the President: 1995 to the Present - President's policies and a fair number of time series
- Economic Reports of the President: 1947-95 - old reports
- Economagic - excellent source of macro time series (some 200,000 series available)
- **[FRED](#) (Federal Reserve Economic Data) - very convenient macro data source with 421,000+ key macro and regional series.**
- FreeLunch.com - more than 100,000 times series
- Haver Analytics - emphasis on rapid delivery, quality checks, and very wide coverage (fee-based)
- NationMaster.com - compare variety of data across countries
- NBER Data Library - variety of data types and sources
- NBER's Macro-Historical Database - pre-WW II data from the U.S., U.K., France, and Germany

"Secondary" Regional Data

- City-Data.com - detailed info on many cities
- Data USA
- StateMaster - compare state data

Real-time and archived data

- EconData.Net - links to more than 1,000 regional data sites
- ALFRED: Archival Federal Reserve Economic Data - real-time data
- FRASER (Federal Reserve Bank of St. Louis) - historical data, information, and documents

Consensus forecasts

- Real-Time Data Set (Federal Reserve Bank of Philadelphia) - real-time data
- Survey of Professional Forecasters - free Philadelphia Fed Survey
- Consensus Economics - U.S. and international consensus forecasts

Economic calendars and releases

- Briefing.com Economic Calendar - lists release dates and consensus forecasts
- Econoday - lists release dates of U.S. macro data
- Economic Releases and Indicators (NBER) - links to current releases & e-mail on them

[Other U.S. Data](#)

Indices, archives and search engines

- NationMaster.com - compare variety of data across countries
- NBER Data Library - variety of data types and sources
- FEDSTATS - covers 100+ different federal agencies
- FirstGov - federal government search site
- Inter-university Consortium for Political and Social Research (ICPSR) - leading U.S. social science archive
- Electronic Records Archives (ERA) - long-term storage of records

Census information and software

- Census Bureau - great wealth of information on topics such as population, economics, family and living arrangements, health, income and poverty, housing and more.
- CensusScope - Variety of Census data in easy-to-use formats
- Integrated Public Use Microdata Sample (IPUMS) - consistent U.S. and non-U.S. census and CPS microdata
- Summary U.S. Census Info at Missouri Census Data Center - summary data for cities, towns, and counties (easy to get)

Surveys and panel data

- Asset and Health Dynamics Among the Oldest Old (AHEAD) - auxiliary study of the HRS
- Centers for Medicare & Medicaid Services (CMS) Statistics - Medicare, Medicaid and other govt. insurance data
- Comparable Wage Index - comparable wage index for 800 locations from 1997 to 2004
- Consumer Panel Data
- Center for the Study of Innovation and Productivity (CSIP) - productivity data
- Datazone: EPI's Labor Market Data - labor market data
- Department of the Treasury - many areas; includes financing the federal debt,

- international finance, and federal spending
- Energy Information Administration (EIA) - energy information
- Federal Deposit Insurance Corporation (FDIC) - extensive banking data
- General Social Survey (GSS) - annual survey; broad, but some economic questions
- Health and Retirement Study (HRS) - longitudinal panel of older Americans
- Joint Economic Committee: U.S. Congress - policy papers of the majority party in Congress
- National Longitudinal Surveys (NLS) - panel data of labor market participants
- National Longitudinal Surveys (NLS) Bibliography - large bibliography on NLS studies
- National Transportation Statistics - data on all aspects of transportation
- NBER Data Library - variety of data types and sources
- Office of the U.S. Trade Representative - info on trade issues
- Panel Study on Income Dynamics (PSID) - well-known longitudinal survey of U.S. residents
- Retail Scanner Data
- Small Business Administration Office of Advocacy - data on small businesses
- Social Security Administration (SSA) - extensive data on trust funds, beneficiaries, and studies
- State of the Cities Data Systems (SOCDS) - data on local entities in a useful format
- TAXSIM - calculate state and federal income taxes
- US Vital Statistics Data at NBER - current and historical health statistics
- USA Trade Online - very detailed U.S. trade data
- USDA Agriculture Economic Research Service - agricultural data
- USDA Economics and Statistics System (Cornell Univ.) - agricultural data |

Bureau of Labor Statistics

<http://www.bls.gov/data/>

Aggregate employment and unemployment rates, inflation and prices, consumer spending

NBER

<http://www.nber.org/data/>

Macro

- Official Business Cycle Dates
- American Business Cycle: Continuity and Change
- Experimental Coincident, Leading and Recession Indexes
- Penn-World Tables, Mark 6.1 (prices – discussed further in International section)
- Barro-Lee (education – discussed further in International section)
- Cross-country Historical Adoption of Technology

- Economic Policy Uncertainty
- A History of U.S. Foreign-Exchange-Market Interventions
- Occupational Wages around the World
- Macro History Database
- Savings, Investment, and Gold in 13 countries (1850-1945)
- "Facts and Fantasies about Commodity Futures"
- "US Industrial Production Index 1790 - 1915 "

Industry Data

- Job Creation and Destruction Data
- Management Practices Data
- Manufacturing Industry Productivity Database
- Industry and Economy Digitization Report
- Public Sector Collective Bargaining Law Data
- Form 990 data on tax exempt organizations

US Trade Data

- Price Quantity Indexes and Values for U.S. Exports and Imports, 1879-1923
- SITC Rev 2 and NAICS (1997)
- U.S. Trade by 1972-SIC category, 1958-1994
- U.S. Trade by 1987-SIC category, 1989-2001
- U.S. Imports by TSUSA, HS, SITC, 1972-2001
- U.S. Imports by SAS and Stata, 1972-2001
- U.S. Exports by TSUSA, HS, SITC, 1972-2001
- U.S. Exports by SAS and Stata, 1972-2001
- U.S. Tariffs, 1989-2001
- U.S. Antidumping Database and Links

State and regional data

Infoshare Online

<http://www.infoshare.org/> (subscriptions are free for individuals)

- Population statistics, immigration trends, socio-economic indicators, birth and death data, hospitalizations, local trade data broken down at the city, state, county, and national levels

Census Bureau

<http://www.census.gov/>

Students interested in working with census data are strongly encouraged to speak with a librarian as the amount of data available from the census can be overwhelming.

2.1.2 Micro Data

Census Bureau

<http://www.census.gov/>

Students interested in working with census data are strongly encouraged to speak with a librarian as the amount of data available from the census can be overwhelming.

Integrated Public Use Microdata Series

IPUMS has census data for a number of different countries. The data series have been harmonised to be comparable across countries and periods. It includes census data for the US: 1960, 1970, 1980, 1990, 2000, 2005.

<http://usa.ipums.org/usa/>

This can also be linked to the Current Population Survey:

<http://cps.ipums.org/cps/>

GIS data

<http://www.census.gov>

The Census Bureau has data from which you can create base maps for GIS. The DSSC can help you with GIS (and has much of this data already available).

Panel Study of Income Dynamics

<http://psidonline.isr.umich.edu>

The Panel Study of Income Dynamics (PSID), begun in 1968, is a longitudinal study of a representative sample of U.S. individuals (men, women, and children) and the family units in which they reside. It emphasizes the dynamic aspects of economic and demographic behavior, but its content is broad, including sociological and psychological measures. As a consequence of low attrition rates and the success in following young adults as they form their own families and recontact efforts (of those declining an interview in prior years), the sample size has grown from 4,800 families in 1968 to more than 7,000 families in 2001. At the conclusion of 2003 data collection, the PSID will have collected information about more than 65,000 individuals spanning as much as 36 years of their lives.

National Longitudinal Surveys

<http://www.bls.gov/nls/nlsview.htm>

The National Longitudinal Surveys (NLS), sponsored and directed by the Bureau of Labor Statistics, U.S. Department of Labor, gather detailed information about the labor market experiences and other aspects of the lives of six groups of men and women. Over the years, a variety of other government agencies, such as the National Institute of Child

Health and Human Development, the Department of Defense, and the Department of Education, the Department of Justice, the National Institute on Drug Abuse, and the National School to Work Office, have funded components of the surveys that provided data relevant to their missions. As a result, the surveys include data about a wide range of events such as schooling and career transitions, marriage and fertility, training investments, child-care usage, and drug and alcohol use. The depth and breadth of each survey allow for analysis of an expansive variety of topics such as the transition from school to work, job mobility, youth unemployment, educational attainment and the returns to education, welfare reciprocity, the impact of training, and retirement decisions.

The first set of surveys, initiated in 1966, consisted of four cohorts known collectively as the "original cohorts." The Original Cohorts consist of the [Mature and Young Women](#) and the [Older and Young Men](#). In 1979, a longitudinal study of a cohort of young men and women aged 14 to 22 was begun. This sample of youth was called the [National Longitudinal Survey of Youth 1979](#) (NLSY79). In 1986, the NLSY79 was expanded to include surveys of the children born to women in that cohort and called the [NLSY79 Children and Young Adults](#). In 1997, the NLS program was again expanded with a new cohort of young people aged 12 to 16 as of December 31, 1996. This new cohort is the [National Longitudinal Survey of Youth 1997](#) (NLSY97).

The National Longitudinal Surveys, especially the NLSY79, have exceptional retention rates. As a result, many NLS survey members have been followed for many years, some for decades, allowing researchers to study large panels of men, women, and children over significant segments of their lives.

NBER individual data

<http://www.nber.org/data/>

- Angrist Archive
- Boston Youth Labor (Market) Survey, 1980, 1989
- Collaborative Perinatal (CPP)
- Consumer Expenditure Survey Extracts
- Current Population Survey
- Gould Sample
- National Health and Nutrition Examination Survey (NHANES)
- Reading National Health Interview Survey (NHIS) Data with SAS, SPSS, or Stata
- Survey of Economic Expectations
- Survey of Income and Program Participation
- Survey of Program Dynamics
- Thorndike-Hagen
- Union Army Data Set
- Worker Representation survey

NBER Hospital Data

<http://www.nber.org/data/>

- Prospective Payment System (PPS)
- Reading CMS' Healthcare Cost Report Information System (HCRIS) datasets using SAS

NBER Demographic and Vital Statistics

<http://www.nber.org/data/>

- Vital Statistics Books (Historical)
- Vital Statistics Births
- Interactive index to Vital Statistics Births 1931-1968
- Reading SEER U.S. County Population Data with SAS, SPSS, or Stata 1969-on
- Vital Statistics Births and Infant Mortality 1920-1945
- Vital Statistics Mortality Data
- Vital Statistics Deaths - Historical 1900 - 1936
- Vital Statistics Marriage and Divorce
- US Decennial Population by County and State 1900-1990
- US Intercensal Population by County and State 1970-2006
- US Intercensal Population by State, Age and Sex 1970-1999

NBER patent data

<http://www.nber.org/data/>

- U.S. Patents

NBER other data

<http://www.nber.org/data/>

- Data Appendixes from NBER Working Papers and Books
- School District Databook (SDDB)
- Tax Model File Documentation
- Segregation Data
- State Constitutions Project
- NIH CRISP (Computer Retrieval of Information on Scientific Projects)
- Reading PUMS Data (Public Use Microdata Sample) for 1990 and 2000 with SAS, SPSS, or Stata
- Reading 1970 Census Summary File 1A with SAS, SPSS, or Stata
- Reading large datasets into Access or Excel
- Resume audit experiment computer program
- Older data formerly at anonymous FTP
- Links to child health datasets

3 International

3.1 Macro and Trade Data

World Development Indicators

The World Development Indicators (WDI) is a World Bank database with time series data for countries world-wide covering socio-demographic, economic, financial, and environmental indicators. Data begin in 1960 and run until present day. This is probably the first place for internationally comparable cross-sectional and time-series data on most macro indicators. It is available online through Library website (search WDI under databases). In addition, a range of different datasets on many topics can be found on the World Bank website:

<http://www.worldbank.org/>

Penn World Table

<http://cid.econ.ucdavis.edu/pwt.html>

The Penn World Table provides purchasing power parity and national income accounts converted to international prices for 188 countries for some or all of the years 1950-2004. The European Union or the OECD provide more detailed purchasing power and real product estimates for their countries and the World Bank makes current price estimates for most PWT countries at the GDP level.

OECD

Developed country data is available from the OECD

<https://data.oecd.org/>

International Monetary Fund

<http://www.imf.org/external/data.htm>

The IMF publishes a range of time series data on IMF lending, exchange rates and other economic and financial indicators. Manuals, guides, and other material on statistical practices at the IMF, in member countries, and of the statistical community at large are also available.

Economist Intelligence Unit

The EIU (Economist Intelligence Unit) has country-specific data including forecasts available through the Library website (search under EIU on the databases tab). In

addition, the EIU puts out Country Reports and Country Profiles which are extended reports on a country including a lot of qualitative information.

References for Economists

World and Non-U.S. Data

https://www.acaweb.org/rfe/showCat.php?cat_id=6Indices

Indices

- Econ. Departments, Institutes and Research Centers in the World (EDIRC): Central Banks and Monetary Authorities - very many listings
- Econ. Departments, Institutes and Research Centers in the World (EDIRC): Statistical Offices - very many listings
- NationMaster.com - compare variety of data across countries
- Social Science Data Archives - general listing of social science databases

World data

- AllThatStats - directory of international stat sites
- Consensus Economics - U.S. and international consensus forecasts
- Data from Developing Countries - various types of data from developing countries
- EcoWin - wide-ranging, very current, international dataset
- EIU CountryData -- EIU and Bureau van Dijk - 271 mostly quarterly series from 116 countries
- Global Financial Data - historical finance, price, and foreign exchange data
- Groningen Growth and Development Centre (GGDC) Total Economy Database - free GDP and other data for many countries for many years
- Integrated Public Use Microdata Sample (IPUMS) - consistent U.S. and non-U.S. census and CPS microdata
- Luxembourg Income Study (LIS) - households survey from 25 countries and macro data from OECD countries
- International Macro Data Set
- OANDA - current and historical exchange rates
- NationMaster.com - compare variety of data across countries
- PACIFIC Exchange Rate Service Retrieval Interface - current and historical exchange rates
- Penn World Tables (PWT) - consistent international data
- PRS Online Country Data - purchase current and historical data from 144 countries
- QuERI-International - industrial demographic data
- Statistical Review of World Energy - world energy data
- World Economy: Historical Statistics

Also has links to many different regional- and country-specific data and reports:

International organizations

- Asian Development Bank
- Bank for International Settlements (BIS)

- Eurostat
- Inter-American Development Bank
- International Trade Centre UNCTAD/WTO (ITC)
- Organization for Economic Co-operation and Development (OECD)
- International Monetary Fund (IMF)
- Paris Club
- U.N. Conference on Trade and Development (UNCTAD)
- U.N. Food and Agriculture Organization (FAO)
- World Bank
- U.N. Statistics Division
- World Bank
- World Trade Organization (WTO)

Asia

- IndiaEconomystat.com
- Statistics Indonesia
- Bank of Japan
- KKRI Model of the Japanese Economy
- Statistics Bureau and Statistics Center (Japan)
- NIKKEI Economic Electronic Databank System (NEEDS)
- National Statistical Office of Korea

Canada

- Canadian Economy Online
- Canadian Industry Statistics
- Statistics Canada
- Statistics Canada CANSIM

Austria and Eastern Europe

- Austrian and Eastern European Economic Data (WIFO)
- Hungarian Central Statistical Office

Finland

- Research Institute of the Finnish Economy (ETLA)
- Statistics Finland

France

- National Institute of Statistical and Economic Studies

Germany

- Bundesbank
- German Federal Statistical Office

Luxembourg

- Statec

Netherlands

- Netherlands Bureau for Economic Policy Analysis (CPB)
- Netherlands Central Bank
- Statistics Netherlands

Sweden

- Statistics Sweden

United Kingdom

- Bank of England
- HM Treasury
- Manchester Information & Associated Services (MIMAS)
- National Statistics--The Official United Kingdom Statistics Site

Israel

- Israel Central Bureau of Statistics
- Praedicta: Israeli Economic Data

Turkey

- Central Bank of Turkey

Oceania

- Australian Bureau of Statistics
- New Zealand Treasury
- Reserve Bank of New Zealand

NBER

<http://www.nber.org/data/>

- Penn-World Tables, Mark 6.1
- Barro-Lee
- Occupational Wages around the World
- Savings, Investment, and Gold in 13 countries (1850-1945)
- "Social Security Pension Reform in Europe"
- "Historical Cross-Country Technological Adoption: Dataset"
- "Facts and Fantasies about Commodity Futures"
- World Trade Data (choose World Import and Export Data)

Comtrade

UN Comtrade data has global coverage by country of imports and exports, back to 1970 (perhaps earlier). Speak with a librarian about accessing this data.

FITA

A good reference site summarising various trade websites is:

<http://www.fita.org/webindex/>

Organization of American State's Foreign Trade Information System

SICE (Organization of American State's Foreign Trade Information System) has trade information for the Americas. There is the full texts of trade agreements in force for OAS Member States, new and ongoing trade policy developments, information on national trade-related legislation, links to international, regional and national sources of

trade policy information.
<http://www.sice.oas.org/>

Kaiser Global Health Facts
<http://globalhealthfacts.org/>

World Development Indicators (World Bank)
www.worldbank.org/data
And available online through the Library website.

World Values Survey
<http://www.worldvaluessurvey.org/>

3.2 Micro Data

Demographic and Health Surveys/MICS (MEASURE DHS)
<http://www.measuredhs.com/>

The DHS programme has collected, analysed and disseminated accurate and representative data on population, health, HIV and nutrition through more than 200 surveys in 75 countries.

- Demographic and Health Surveys (DHS): Provides data for a wide range of monitoring and impact evaluation indicators in the areas of population, health, and nutrition.
- AIDS Indicator Surveys (AIS): Provide countries with a standardized tool to obtain indicators for the effective monitoring of national HIV/AIDS programs.
- Service Provision Assessment (SPA) Surveys: Provides information about the characteristics of health and family planning services available in a country.
- Key Indicators Survey (KIS): Provides monitoring and evaluation data for population and health activities in small areas—regions, districts, catchment areas—that may be targeted by an individual project, although they can be used in nationally representative surveys as well.
- Malaria Indicators Surveys (MIS): Provide data on mosquito net ownership and use, prevention of malaria during pregnancy, and prompt and effective treatment of fever in young children. In some cases, biomarker testing for malaria and anemia are also included
- Other Quantitative Surveys: Includes Biomarker Collection, Geographic Data Collection, and Benchmarking Surveys.

- STATcompiler provides quick facts and country comparisons, allowing users to build customized tables from hundreds of DHS surveys and indicators.
- STATmapper creates maps from STATcompiler data in more than 75 countries.
- HIV/AIDS Survey Indicators Database provides HIV/AIDS data from a variety of sources.
- HIVmapper creates maps from data in the HIV/AIDS Survey Indicators Database.
- HIV Spatial Data Repository for downloading GIS dataset linked with HIV indicators

RAND Family Life Surveys

<http://www.rand.org/labor/FLS/>

The Family Life Surveys (FLS) are a set of detailed household and community surveys of developing countries conducted by the RAND Corporation, in collaboration with research institutions in the given countries. The currently available country surveys cover Malaysia (1976-77, 1988-89), Indonesia (1993, 1997, 2000), Guatemala (1995), and Bangladesh (1996). Program surveys include:

- Malaysian Family Life Surveys (MFLS): Surveys collected detailed current and retrospective information on family structure, fertility, economic status, education/training, transfers, migration, and many other topics. Each survey also collected community-level data.
- Indonesia Family Life Survey (IFLS): Survey collected information at the individual and household levels, including multiple indicators of economic well-being (consumption, income, and assets); education, migration, and labor market outcomes; marriage, fertility, and contraceptive use; health status, use of health care, and health insurance; relationships among coresident and non-coresident family members; processes underlying household decision-making; transfers among family members and inter-generational mobility; and participation in community activities.
- Guatemalan Survey of Family Health (EGSF): Survey examined the way in which rural Guatemalan families and individuals cope with childhood illness and pregnancy, and the role of ethnicity, poverty, social support, and health beliefs in this process.
- Matlab Health and Socio-Economic Survey (MHSS): Survey examined the following broad areas of concern to the rural adults and the elderly: the effect of socio-economic and behavioral factors on adult and elderly health status, and health care utilization; the linkages between adult/elderly well-being, social and kin network characteristics and resource flows; and the impact of community services and infrastructure on adult/elderly health and other human capital acquisition.

IPUMS-International

<https://international.ipums.org/international/>

Integrated Public Use Microdata Series –IPUMS has census data for a number of

different countries. The data series have been harmonised to be comparable across countries and periods.

4 Corporate and Financial Data

4.1 Company Financials

Company website

Companies provide regulatory filings and financials via their websites to investors. This may contain multiple years of filings, varying by company. Look for links labeled with the following:

- Investor Relations
- About Us
- Media Center

Look for:

- Annual reports
- Earnings call transcripts
- Analyst presentations
- Company fact books

Subscription services

There are a range of pay-for-use services that provide company and industry data. Some of these are available through the Library (search under databases):

- Thomson Research
 - Search by name in “Company Look-up” field or in title field
 - To limit to most in-depth reports
 - Check-off “Initiating Coverage” button in your search *OR*
 - Sort results by “Pages, descending” to find the most in-depth reports
- Factiva
 - Click on Companies/ Markets tab
 - Look up companies by name or ticker
 - From Financial Results, link to:
 - Income statements
 - Balance sheets
 - Cash flows
 - Key ratios

There are other services not carried by the Library and access to these is not always easy; you need to know someone (most likely working for a company) who can access them. The Columbia Business School will also have access to some of these but undergraduates may not be allowed access (check in Uris Library).

- OneSource
 - Go to Company Profile page to link to:
 - Income statements
 - Balance sheets
 - Cash flows
 - Geographic and business segment reports
 - Ratio reports
 - See Company Filings, for links to Annual Report and SEC Filing archives
 - For SEC filings, click “Modify Search” (top right) to limit to specific filing types and date ranges
- Datastream
- Bloomberg

Merger and acquisition data

The sources above can also be used for M&A data:

- OneSource
 - Contains detailed company histories and news stories
 - Go to company profile page and look through left-hand links for:
 - “Significant Developments”
 - Filter results by “mergers/acquisitions”
 - Articles/Custom Search
 - Go to “precision search” and choose the business topic “Mergers and Acquisitions”
- Thomson Research
 - Reports often contain discussion of M&A, especially for industries where consolidation is important
 - Search by name in “Company Look-up” field or in title field
 - Type in the text field:
 - *M wI A*
 - *Merger wI acquisition**
- Factiva
 - Provides press releases and news stories on global M&A activities
 - Search for specific deals with relevant company names in the headline and lead paragraph
 - To limit to M&A specific journals, expand Source field and search for:
 - Mergers & Acquisitions report
 - Mergerstat
 - TheDeal.com
 - To limit by subject, expand Subject field and search for “Acquisitions/ Merger/Takeovers”

Share prices

Again:

- Factiva
 - Contains 20 years of historical stock price data for global, traded companies
 - You can download stock price for multiple companies at once directly to Excel
 - Click on Companies/Market tab
 - Under “Quotes” section
 - Type in ticker symbol or find ticker with “Symbol lookup”
 - Click on “Get Quote” to get current quote *OR*
 - Click on “Historical Quote” to select daily, weekly, monthly, quarterly or yearly prices
 - Click on “CSV” to download data to Excel
 - Click on “Quote List” to create or add your ticker to a custom list of tickers
- OneSource
 - Contains 5 years of monthly stock prices on global, traded companies
 - You can download data directly to Excel
 - Go to company profile page and look through left-hand links for
 - “Stock Price History”
 - Click on “Export to Excel” in top menu

Economic forecasts

Economic forecasts can be obtained from a number of the databases available in the library, including:

- Economist Intelligence Unit (EIU)
 - 8 series providing data by country and regional aggregate, from 1980 and forecast for 20-30 years (varies by country)
 - Look for:
 - CPI
 - Exchange Rates
 - GDP (Nominal, PPP and Real)
 - GDP deflators
 - Industrial production
 - Labor costs per hour (USD)
 - Click on each link to launch data in Excel
- Euromonitor International
 - Over 1 million demographic, economic, and consumer statistics; many include a 10 year forecast
 - Collected from thousands of official sources
 - Choose countries of interest from the “Geographies” tab
 - From the “Categories” tab, expand the list to select your topic or use the

- “Find category” box to search by keyword
- Click on “Run Search” then “Load all Statistical Data” on Search Results Page
- In left-hand menu click on “Time Series” to customize your dates
- Choosing “All dates” gives both history and forecast
- Look for downloading and printing options in upper left menu
- Thomson Research
 - Brokerage analysts write reports that cover specific countries, regions and economic topics
 - Select country of interest from Region lookup box
 - Select “Geographic” and/or “Investing/Economic” from Report Type box
 - Use the text and/or title field to search for reports that mention specific indicators
 - e.g., GDP or CPI

Market size and growth forecasts

And again:

- OneSource
 - Contains 6-12 page market research reports that include size, share, market segmentation and forecasts from Freedonia and Datamonitor. Coverage is Global and includes country specific as well as regional reports
 - Go to Industry section
 - From Industry menu, choose industry
 - Click on Market Research for a list of reports, then sort by country to narrow geographically or by SIC to group specific segments
 - You can also search for these reports from OneSource’s homepage under “Find News and Reports”
 - Make sure you check off “Market Research” in your search criteria
- Euromonitor International
 - Find country level consumption and sales data for consumer and industrial products sourced from government agencies
 - Choose countries of interest from the “Geographies” tab
 - From the “Categories” tab, expand the list to select your topic or use the “Find category” box to search by keyword
 - Click on “Run Search”
 - On Search Results page:
 - Click on “Load all Statistical Data” to view statistics which can be downloaded to Excel OR
 - Click on titles in Market Reports box to view full research reports
- Thomson Research
 - Brokerage analysts include market size analysis in both company and industry reports
 - Select “Industry” in Report Type box
 - Search the Title field to search for niche industries and topics

- ex: mobile or cellular
 - Click the “initializing coverage” box to isolate in-depth company reports
- Datamonitor
 - Contains market research reports in the following industries: Pharmaceuticals and Healthcare; Consumer Markets; Retail; Financial Services
 - From the Consumer Markets Knowledge Center go to “Find Information” tab and select “Information Type”, then “Market Size and Growth”. Use the keyword search box to specify industry or geography
 - On all other Knowledge Centers, go to “Advanced Search” under Tools and enter keyword search terms

Market share

Once more:

- OneSource
 - Contains 6-12 page market research reports that provide market share from Freedonia and Datamonitor
 - Provides articles that discuss “market share”
 - Go to Industry section
 - From Industry menu, choose industry
 - Click on Market Research for a list of reports, then sort by country to narrow geographically or by SIC to group specific segments
 - Click on Market Share link for a combined search of articles, analyst reports and market research
 - You can also search for these reports from OneSource’s homepage under “Find News and Reports”
 - Make sure you check off “Market Research” in your search criteria
- Euromonitor International
 - Contains market research reports on global consumer markets. This contains market share of major players
 - Under browse reports, choose Industry Reports
 - Example: Choose “Alcoholic Drinks” then a particular country or World report
 - From the left hand menu you can browse the report contents
 - Typically, market share can be found under the section labelled with the topic of the report, e.g.: “Alcoholic Drinks”
 - The section will include share by product type, company, and/or brand
- Thomson Research
 - Brokerage reports often provide discussion of company or brand share, especially in industry reports, or lengthier company reports
 - Select “Industry” in Report Type box
 - Enter keywords and/or phrases in the Text search box
ex: Market W4 share and beer
 - Click the “Initiating Coverage” box to isolate in-depth company reports
- Datamonitor

- Datamonitor contains market research reports in the following industries: Pharmaceuticals and Healthcare; Consumer Markets; Retail; Financial Services
- From the Consumer Products and Retail Knowledge Centers, select “Find Information” tab and select “Market Share” from under “Information Type” and then refine your search by entering keywords in the search box
- From the Pharmaceutical/Healthcare Knowledge Center “ choose appropriate therapeutic category under “Browse by Therapy” and select “Market Audit” and “Market Forecast”
- From the Financial Services Knowledge Center, choose the market category under “Browse by Sector”

Market research

There are a number of sources for market research:

- MarketResearch.com
 - MarketResearch.com is an aggregator of market research reports from hundreds of publishers
 - Go to: www.marketresearch.com (you may need to create a free online account to view report descriptions and TOCs)
 - Search by keyword or drill-down by industry
 - You will need to purchase most of the reports
- OneSource
 - OneSource contains market research reports by Datamonitor, Freedonia and STAT-USA
 - Go to Industry section
 - From Industry menu, choose industry
 - Click on Market Research for a list of reports, then sort by country to narrow geographically or by SIC to group specific segments
 - You can also search for these reports from OneSource’s homepage under “Find News and Reports”
 - Make sure you check off “Market Research” in your search criteria
- Euromonitor International
 - Euromonitor contains market research on global consumer markets and companies
 - Search for industry or company name using Keyword Search dropdown
 - Uncheck “statistics and companies and brands”
 - Search for industry or company name in title of analysis section only (market research reports)
- Datamonitor
 - Datamonitor contains market research reports in the following industries: Pharmaceuticals and Healthcare; Consumer Markets; Retail; Financial Services
 - From Consumer Markets Knowledge Center go to “Find Information” tab and select industry, then select “Databooks” from the left-hand menu
 - From all other Knowledge Centers, go to “Latest Research” and then

“Browse More Research”

Competitors and comparables

- OneSource
 - “Find Companies” section provides custom screening and reporting by industry, location, size of business, etc.
 - Go to “Find Companies” section
 - Specify search criteria
 - Use keyword in “Business Description” field when industry classifications are too broad
 - You may export up to 5000 records into Excel and design your report with fields that include phone number, website, and revenue
- Euromonitor International
 - Provides in-depth company profile reports which contain competitive positioning sections, including market share vs. competitors
 - Search for company name using Keyword Search dropdown
 - On Search Results page view reports and market share tables containing company name
- Thomson Research
 - In-depth company reports often contain detailed competitor analyses
 - Search for company name in “Company Lookup” field or in Title field
 - Sort results by pages, descending and look through largest reports or “initiating coverage” reports for most detailed competitor analyses
- Factiva
 - Newspapers and Magazines often profile companies and discuss their competitive positioning
 - Contains Datamonitor company profiles which have “top competitors” section
 - To find in-depth company articles:
 - Expand Company field and search for company name AND/OR
 - Search for company name in title and lead paragraph fields only
 - To find Datamonitor Company profiles
 - Expand Source field and Look-up “Datamonitor”

Industry and trade publications

Trade publications exist for almost every industry imaginable and can be an invaluable source for:

- Industry overviews
- Annual statistical reviews
- Advertising—shows who competitors are and provides product info
- Subscriber lists
- Article authors and publication editors which can be utilized as “experts”

You can find them by:

- Factiva
 - From the Search page, click on the + next to Source
 - Under the drop down for “Select Source Category”, choose “Publications-by Industry”
 - Expand the listings under relevant industries
- Industry Associations
 - Often link to trade publications from their sites
- OneSource
 - Click on “News and Reports” to search for articles re: your specific topic—you will find content and leads on relevant sources

4.2 Financial Data

Resources for Economists

https://www.aeaweb.org/rfe/showCat.php?cat_id=8

- Securities Industry and Financial Markets Association
- Center for Research in Security Prices (CRSP) - key security price data set
- Exchange Rates
- Global Financial Data - historical finance, price, and foreign exchange data
- Rate Watch
- SEC EDGAR - electronic filings with the SEC
- TickPlus Data - very detailed financial market data
- What Was the Exchange Rate Then? - historical exchange rates

FRED

[FRED](#) (Federal Reserve Economic Data) - very convenient data source with 421,000+ key macro and regional series.

Bloomberg

Dedicated Bloomberg terminals are available in DSSC and in Watson. Speak with a librarian about availability.