

HAYER ANALYTICS[®]

DLX[®]

DATABASE PROFILE

COUNTRY- SOURCED MACRO DETAIL

FINANCIAL INDICATORS

DAILY & WEEKLY

INDUSTRY

INTERNATIONAL ORGANIZATIONS

FORECASTS

U.S. REGIONAL

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HAVER ANALYTICS®

ECONOMIC & FINANCIAL DATABASES

Haver Analytics specializes in databases and software products for economic analysis and business decision-making. Our 195+ databases are continually growing to meet the needs of our clients.

Our databases are updated continuously, beginning with the start of business on Monday in New Zealand until the close of business on Friday in North America. Most time sensitive data are updated within minutes of release. Internal quality control checks ensure data accuracy.

Our client support hot line is staffed by database managers who can help clients locate and understand the data available to meet their information needs.

DATABASE OFFERINGS

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U.S. ECONOMIC INDICATORS

Haver Analytics' U.S. databases cover U.S. economic and financial history from the early 1900s to the present. The databases contain monthly, quarterly and annual data published by the U.S. government, various newspapers and numerous trade associations.

U.S. ECONOMIC STATISTICS (USECON) Haver Analytics' primary database of U.S. economic and financial data updated within minutes of release. Data cover national accounts, prices, housing, construction, industrial production, interest rates, money supply, public finance, wholesale and retail trade, manufacturers' shipments, inventories and orders, employment, productivity, population, international trade and business cycle indicators.

U.S. NATIONAL ACCOUNTS (USNA) Complete national income and product accounts from the Bureau of Economic Analysis, including underlying detail such as monthly personal consumption expenditures, personal income in millions of dollars and auto detail.

BUSINESS & CONSUMER EXPECTATIONS (SURVEYS, SURVEYW) Outlook for future business and economic conditions including surveys from Federal Reserve Banks, Purchasing Managers, the National Association of Home Builders, Manpower, Challenger and the NFIB. Weekly surveys from Redbook, Dow Jones/Bank of Tokyo-Mitsubishi UFJ, ICSC, ABC News, the Mortgage Bankers Association and Freddie Mac.

CONSUMER PRICE INDEXES (CPIDATA) Monthly consumer price index detail by region, MSA and city-size class as published in the *CPI Detailed Report*. Also includes average prices paid for commodities, utilities and fuels, CPI for older Americans, chained CPI, department store inventory price indexes and CPI research series.

PRODUCER PRICE INDEXES (PPI, PPIR) Stage of processing, commodity and industry-based price indexes published by the Bureau of Labor Statistics in the *PPI Detailed Report*.

EMPLOYMENT AND EARNINGS (LABOR) Monthly payroll figures by industry from the Establishment Survey reported in the Bureau of Labor Statistics *Employment and Earnings*.

HOUSEHOLD SURVEY (EMPL) Contains the complete monthly household employment data from the *Current Population Survey* of households from the BLS.

COVERED EMPLOYMENT AND WAGES (CEW) Monthly and quarterly employment and wage data derived from quarterly tax filings of businesses with employees. Data are presented by 6-digit NAICS and by size of establishments beginning in 1990.

INDUSTRIAL PRODUCTION (IP) Complete industrial production detail including electric power use for 285 industries and industry groups published monthly in the (G.17) Federal Reserve Board release, *Industrial Production and Capacity Utilization*.

FLOW OF FUNDS (FFUNDS) Flow of Funds data (Z.1) from the Federal Reserve Board. Financial assets and liabilities by sector and transaction type as well as Balance Sheet items.

CAPITAL STOCK (CAPSTOCK) Complete net stock, depreciation, average age and investment data reported in the BEA publication *Fixed Reproducible Tangible Wealth in the United States*. Detailed estimates by industry and by type of equipment or structure.

U.S. INTERNATIONAL (USINT) Detailed international trade in goods and services, international transactions, foreign direct investment in the U.S., U.S. direct investment abroad, foreign transactions in long-term securities (TIC data) by country and product.

SPECIALIZED DATABASES

These proprietary databases are provided to Haver Analytics by consulting firms, trade associations and economic research centers. Each database concentrates on its organization's area of expertise about the economy or the financial markets.

CONFERENCE BOARD DATABASE (CBDB) Contains 3 monthly U.S. surveys compiled by The Conference Board. Includes a survey on consumer confidence by region, age and income group as well as consumer attitudes on the business situation, income, employment and future spending plans. Also includes the help-wanted advertising survey by region and city, and the CEO confidence survey measuring business executives' expectations by industry.

U.S. BUSINESS CYCLE INDICATORS (BCI) Monthly data of the leading, lagging and coincident indexes and their components as compiled by the The Conference Board. Contains over 250 series including the net contributions to change of the components and other monthly and quarterly cyclical indicators.

CONSUMER SENTIMENT SURVEY (UMSCA) Monthly data covering the detail underlying the U.S. indexes of consumer sentiment, consumer expectations and current economic conditions from The University of Michigan *Surveys of Consumers*. Monthly and quarterly series also include indicators on buying, business and government conditions as well as income expectations and trends.

U.S. BUSINESS CYCLE INDICATORS (FIBERUS) U.S. monthly leading and coincident indexes together with their components from the Foundation of International Business and Economic Research (FIBER). These indexes cover growth, inflation, employment, industrial production, service sector activity, financial services and trade. FIBER's industrial materials price index, a core price index plus their component indexes are also included. History for most series extends back to the 1950's.

FIBER BUSINESS CYCLE INDICATORS (FIBER) Monthly leading and coincident indexes for 16 countries from the Foundation of International Business and Economic Research (FIBER). Also includes comparable country aggregate indexes. These cyclical indicators are based on the unique methodology developed in a long series of studies that first originated at the National Bureau of Economic Research (NBER) to identify turning and inflection points in the economy.

FINANCIAL INDICATORS

Databases covering mainly financial indicators reported by governments, central banks, trade associations, news organizations and other private firms. Includes Haver Analytics' daily and weekly domestic and international databases covering commodities, foreign exchange and financial markets and selected economic and financial information.

U.S. DAILY STATISTICS (DAILY) Daily statistics including interest rates, Treasury yields, spot and forward exchange rates, trade-weighted exchange rates, corporate bond yields, commodity spot & futures indexes, metal prices, energy prices, futures prices, commodity cash prices, and domestic and international stock market data. Selected international data also includes eurocurrency rates. Also includes daily series from the *Daily Treasury Statement*.

COUNTRY DAILY STATISTICS (INTDAILY) Covers money markets, fixing rates, exchange rates, fixed income, equities and derivatives for over 60 countries. The data are sourced from central banks, stock exchanges, various newspapers and Reuters. Central bank data availability includes official rates, commercial paper rates, deposit rates, interbank rates, government notes and bond yields and exchange rates. Coverage is supplemented with additional detail from Reuters including interest rate swaps and forward rates.

U.S. WEEKLY STATISTICS (WEEKLY) Weekly financial and economic series aggregated from DAILY plus aggregate reserves, official reserve assets, bank assets and liabilities, commercial paper outstanding, money supply, bank credit, unemployment claims, car and truck production by firm, and production of raw steel, coal, and lumber. Also includes complete commitment of traders data from the Commodity Futures Trading Commission.

COUNTRY WEEKLY STATISTICS (INTWKLY) Covers weekly financial data for over 60 countries aggregated from our country daily statistics database, INTDAILY. Additional weekly data provided by central banks and other sources include bank assets and liabilities, money supply, foreign reserves, and commodity prices and indexes. Data are sourced from central banks, stock exchanges, various newspapers and Reuters.

S&P INDUSTRY GROUPS (SPD, SPW, SPM) Daily, weekly and monthly U.S. stock price indexes, total return indexes and market capitalization by GICS industry groups from Standard & Poor's division of McGraw Hill. Weekly p/e ratios and dividend yields for composites are available. Quarterly data from the monthly *S&P Analysts' Handbook* include sales, earnings, dividends, dividend yields, prices, P/E ratios and rates of return by GICS industry groups.

S&P ANALYSTS' ANNUAL HANDBOOK (SPAH) Annual data from Standard & Poor's. Covers the income account, assets, liabilities, financial ratios, sales, operating profits, cash flow, book value, capital expenditures and detailed index data by GICS industry groups.

MSCI – MORGAN STANLEY CAPITAL INTERNATIONAL (MSCID, MSCIW, MSCIM) Daily, weekly and monthly capital market indexes and exchange rates from MSCI. Included are growth, value, extended, and small cap indexes for 50 countries and 42 regions including the MSCI Euro, Pan-Euro and EMU indexes. Composite indexes include Emerging Markets, All Countries and G7. Some indexes are also by industry (GICS).

EMERGING MARKETS BOND INDEXES (EMBI) Daily total return indexes and sovereign spreads by instrument type, by region and by country for the EMBI Global, the EMBI Global Diversified and the EMBI+ from J.P. Morgan. Provides daily, year-to-date and 1, 3 and 12-month total returns covering 32 countries. Data begin in 1994.

FINANCIAL INDICATORS (continued)

U.S. BOND INDEXES (BONDINDX) Offers a selection of daily bond indexes and yields from Barclays Capital, Citigroup, Merrill Lynch, Moody's and weekly data from S&P. Covers corporate bonds rated AAA to BB/BB-, Treasuries, mortgages, municipals, and asset-backed securities. Yields on some U.S. government securities and LIBOR rates are also included to aid in the examination of quality spreads and yield curves.

CITIGROUP BOND PERFORMANCE INDEXES (BONDS) Market performance indexes on U.S. investment grade bonds includes daily index levels and total return by rating and maturity, and by sector starting in 1994 from Citigroup Global Markets, formerly Salomon Smith Barney. Market value, average yield, coupon, duration and option adjusted spread are available monthly beginning in 1978. World regional data are also included.

FUND FLOWS (EPFREIN, EPFREEM, EPFRBIN, EPFRBEM, EPFRBMM) Weekly and monthly international fund flows data for equities, bonds and money markets from EPFR Global. Data are sourced from global fund managers and provide an indication of changing investor sentiment toward asset classes and geographic regions. Data are available for industrialized and emerging market countries and regions. Equity flows are by capitalization style and sector. Bond flows include high yield, balanced, mortgage-backed, municipal, total return, and inflation protected. Money market series are available for global and U.S. funds.

MUTUAL FUND ACTIVITY (ICI) Weekly, monthly and quarterly data on trends in U.S. mutual fund activity from the Investment Company Institute. Classified by investment objective, the data begin as early as 1961 and cover sales, liquidity, redemptions, holdings and cash flows.

QUARTERLY FINANCIAL REPORT (QFR) Statistics on the financial position of U.S. corporations by industry from the *Quarterly Financial Report* & financial ratios for manufacturing.

MORTGAGE DELINQUENCY RATES (MBAMTG) Quarterly delinquency rates of 1- to 4-unit residential mortgage loans reported by the Mortgage Bankers Association. Data for the total U.S. and Census regions begin in 1972. Data for states begin in 1979.

MARKIT INDEXES (MARKIT) Daily composite prices and spreads of Markit's ABX, CMDX, CDX, and iTraxx indexes used to price credit default swaps. ABX covers U.S. subprime home equity asset-backed securities. CMBX tracks U.S. commercial mortgage back securities. CDX tracks North America and emerging markets credit derivatives and iTraxx is a family of credit default swap indexes covering Europe and Asia. Indexes are available by investment grade and industry.

CONSUMER DELINQUENCY RATES (DLINQ) American Bankers Association monthly U.S. delinquency rates. Data begin in 1972 for 12 categories of closed-end and open-end loans such as auto, home equity and mobile home loans and bank card credit.

FDIC BANKING STATISTICS (FDIC) Balance sheet and income statement information for insured commercial and savings banks by asset size. Includes annual bank loans by type of loan and the quarterly performance and condition ratios by U.S. region and by asset size from the *Quarterly Banking Profile*.

U.S. GOVERNMENT FINANCIAL STATISTICS (GOVFIN) Complete coverage of the U.S. Treasury's *Monthly Treasury Statement* detailing government outlays by agency and receipts by source. Also contains IRS receipts by state for individual and corporate income taxes, selected *Treasury Bulletin* tables, detailed monthly interest expense on the public debt, and annual social security benefits data.

INDUSTRY

Our Industry databases provide detailed coverage of global markets as well as specialized data from consulting firms, trade associations and economic research centers.

U.S. INDUSTRY STATISTICS (INDUSTRY) Includes production, shipments, sales, trade and inventories by NAICS classification for several major industries. Data are from Census, the Dept of Agriculture, trade associations and other sources. Also includes productivity by NAICS from BLS, data on corporate income tax returns by industry from IRS, monthly worldwide sales of semiconductors, monthly car and light truck sales by company and origin, domestic shipments of appliances from AHAM, air carrier financial and traffic statistics, and advertising expenditures.

WORLD AGRICULTURE STATISTICS (USDA) Contains USDA's Foreign Agricultural Service's Production, Supply and Distribution (PSD) data covering 89 agricultural commodities and over 200 countries. Concepts include beginning and ending stocks, production, yields, imports, exports, domestic and foreign consumption, distribution, area planted and area harvested. Data begin in 1960, are annual and updated each month.

HOME SALES (REALTOR, CREALTOR) Existing home sales data from the National Association of Realtors. Sales by state and region, median sales price by metropolitan area and housing affordability for the total U.S. Supplemental surveys include the month's supply of homes by selected metropolitan areas.

PENDING HOME SALES (PREALTOR) Pending home sales indexes from the National Association of Realtors. Monthly data are available for the U.S. and by region. Quarterly unpublished data are available by metropolitan area.

DAILY COMMODITY MARKETS (CMDTY) Covers the world-wide commodity and energy market with spot and future prices, indexes and stocks. Includes detailed daily metal prices, futures prices and warehouse stocks from the London Metal Exchange (LME), futures from Intercontinental Exchange (ICE) and CME group futures that includes the CME, NYMEX, COMEX and CBOT exchanges. Also includes annual prices back to 1901 for 99 commodities from the U.S. Geological Survey, and complete weekly commitments of traders data from the Commodity Futures Trading Commission covering 9 exchanges.

WEEKLY CHEMICAL PRICES (CHEMWEK) Weekly prices of basic chemicals and plastics collected by the Chemical Division of Access Intelligence, the publishers of *Chemical Week*. High, low and average spot and contract prices covering 29 important chemical and plastic products for both the U.S. and Europe are included. Prices begin in 1990 for most products.

BALTIC FREIGHT INDEXES (BALTIC) Price indexes covering the major world freight traffic routes compiled by the Baltic Exchange in London. It includes the Baltic Dry (BEDI), Capesize (BCI), Panamax (BPI) and Supramax (BSI) indexes.

INDUSTRY (continued)

AUTO STATISTICS (WARDS, WARDSD) Timely monthly North America vehicle sales, inventory, production and production forecasts for 11 vehicle types from Ward's Automotive Group. Vehicle sales are available by country of origin by vehicle type. Inventory data are available for the U.S. by county of origin and vehicle type. In addition to sales data already present in the summary WARDS database, WARDSD contains greatly expanded detail by every company, brand and model. The 11 vehicle types are also further broken down into 28 more detailed categories. Most data are available back to 1985 with U.S. data back to 1980.

WEATHER DATA (AWEATHR, UKWEATHR, USWEATHR) Weekly regional weather data with forecasts covering temperature, precipitation and snow in both metric and U.S. measurements from Planalytics, a leader in business weather intelligence. Data are updated and cleansed daily, and contain 10 years of weekly and monthly history as well as 3 weeks of forecasts produced using their proprietary modeling technique. They cover 505 metro areas and 3118 counties in the U.S., 72 MAs in the U.K., 12 MAs in Ireland and 86 MAs in Canada. Weekly average or total values and normal values are provided for max, min and mean temperature, precipitation and snow, and precipitation and snow day counts.

ANNUAL SURVEY of MANUFACTURES (ASM) U.S. statistics on 600+ industries covering 14 concepts such as spending, value added and cost of materials.

RAILCAR LOADINGS (RAILSHAR) Weekly revenue freight traffic statistics for major U.S., Canadian, and Mexican railroads covering 19 commodity groups from the Association of American Railroads and Atlantic Systems.

INDUSTRY – ENERGY

These databases from Pennwell Publishing's *Oil & Gas Journal*, The American Petroleum Institute, The Energy Intelligence Group and Edison Electric Institute are dedicated to the global energy industry.

U.S. AND INTERNATIONAL ENERGY STATISTICS (OGJ, OGJANN) Over 59,000 monthly, quarterly and annual time-series covering drilling and exploration, reserves, production, refining, demand and consumption, imports and exports, natural gas, prices, capital spending, transportation, and offshore from Pennwell Publishing's *Oil & Gas Journal*. Data are by country and world region. Most U.S. data are available by state and PAD. Also includes U.S. data on coal, nuclear energy, renewable resources and electricity generation, consumption and sales.

WEEKLY OIL STATISTICS (OILWKLY) Weekly series covering production, consumption, refining, imports and exports, stocks, prices and Smith & Baker Hughes rig count statistics from Pennwell Publishing's *Oil & Gas Journal*. Prices for over 40 different worldwide crudes. U.S. data are available by state, PAD & region. Unleaded gas prices are available for 42 U.S. cities.

U.S. ELECTRIC OUTPUT (EEI) Weekly electric utility output for the total U.S. and by 9 regions from the Edison Electric Institute.

API WEEKLY STATISTICAL BULLETIN (APIWSB) Contains weekly U.S. and regional data by PADD for refinery operations from the American Petroleum Institute. Includes inputs, production, stocks and imports of crude oil and selected petroleum products such as motor gasoline, kerosene jet fuel, distillate fuel, residual fuel, LPGs and unfinished oils. Data are updated weekly with the previous week's data and begin as early as 2001.

API MONTHLY STATISTICAL REPORT (APIMSR) Monthly data on the estimated U.S. petroleum balance from the American Petroleum Institute. Data cover the most recent month for crude oil and selected petroleum products on production, imports, refinery operations and stocks and begin in December 1998.

API PETROLEUM IMPORTS & EXPORTS (APITRADE) Contains monthly imports and exports of crude oil and petroleum products data from the American Petroleum Institute. Import volume by importer of record (company), by port, state and PADD of entry, and by country of origin is available for major product groupings. Export volume, shipment value and weight are available by port, state and PADD of exit, and by destination country for 39 detailed products. Values begin in 2006.

API LIQUID GAS INVENTORIES (APILGAS) Inventories of natural gas liquids and liquefied refinery gases from the American Petroleum Institute. This database contains monthly data back to 1988 for 8 geographical regions within the U.S. as well as U.S. totals.

INDUSTRY – ENERGY (continued)

OIL MARKET INTELLIGENCE (OMI) Provides monthly oil supply, demand, inventory and price data needed to analyze market trends in Asia, Europe and the Americas from Energy Intelligence. Data cover crude and refined product stocks and demand by country as well as wellhead production at the country level. Includes refinery economics and activity in major centers, including netback values and margins for key crudes. Also provides data on refinery runs and spot, futures, crack-spread and formula prices.

NATURAL GAS WEEK (NGW) Focuses on North American natural gas and power markets from Energy Intelligence. Prices go back to the start of U.S. spot gas trading. Daily spot prices, high, low, average volume and average deals are provided by interstate, intrastate, hub and citygate for the U.S. Weekly and bidweek spot prices, Canadian spot prices, gas rig counts and gas storage in billions of cubic feet are also reported. Composite wellhead and pipeline prices are also available monthly back to 1985.

WORLD GAS INTELLIGENCE (WGI) Offers weekly gas and power prices plus spark spreads for major North American hubs as well as for 3 locations in Northwest Europe from Energy Intelligence. Monthly data include LNG import prices and volumes for Japan and South Korea, key European border prices, and North American spot gas and comparative fuel prices at important hubs and citygates. Also provides quarterly gas and electricity prices for industrial end-users in 7 key European countries together with comparative figures for heating and fuel oil.

INDUSTRIAL COUNTRIES

This group of databases is updated from national statistical offices, central banks and other national sources. They provide the most timely data for the countries included.

COUNTRY SUMMARY STATISTICS (G10+) Key comparable macroeconomic and financial indicators with basic industry detail for 20 European countries, the U.S., Japan, Canada, Australia and New Zealand plus the EU and euro area. Haver Analytics also calculates additional seasonally adjusted series, US\$ series, World and regional GDP aggregates, productivity and unit labor costs data.

PURCHASING MANAGERS SURVEYS (PMI) Monthly purchasing managers surveys for 25 countries plus the euro area and the World conducted by associations of purchasing managers within each country under the supervision of Markit Economics. Includes manufacturing, services and construction surveys starting in 1992. Also includes monthly GDP and productivity indexes for selected countries.

COUNTRY SURVEYS (INTSRVYS) Brings together many of the most closely followed consumer and business surveys that are found in our industrial country databases. These surveys are conducted by a broad range of private and public organizations and include headline PMI series from NTC Economics, Manpower Employment Outlook, the EC's Business & Consumer Survey, the Japanese Tankan, the Ifo and ZEW in Germany, the BCC and CBI in the UK, and the INSEE Household Survey in France.

JAPAN (JAPAN, JAPANW) About 30,000 series covering the Japanese economy compiled by Nomura Research Institute in Tokyo. Extensive macroeconomic and industry data, surveys including the full *Tankan* survey and complete flow of funds data. Weekly domestic and international statistics include interest rates, commodity prices, bond yields and Tokyo stock price indexes.

CANADA (CANSIM, CANSIMR) Canadian economic and financial history since 1921 updated on a daily basis from Statistics Canada and the Bank of Canada. Over 12,000 data series cover prices, housing and construction, employment, industry, national accounts, trade, and major financial statistics. Data are available by Province and Metro Area.

UNITED KINGDOM (UK) Contains detailed data from the Office of National Statistics (ONS) as well as the Bank of England and other UK government and trade associations. Includes series from the CBI *Trades Survey*, the BCC *Quarterly Economic Survey*, as well as housing price indexes from *Halifax* and *Nationwide*.

UNITED KINGDOM SURVEYS (UKSRVYS) Covers 3 surveys compiled by NTC Economics, a UK based research and consulting firm. *Report on Jobs*, produced with Deloitte & Touche & the REC, provides the most timely data on trends in recruitment, employment and earnings. The *IPA Bellwether Report* is a quarterly survey of marketing budgets for different marketing activities. The *Euler Hermes Quarterly Cash Flow and Profit Report* includes profitability indexes.

INDUSTRIAL COUNTRIES (continued)

GERMANY (GERMANY) Indicators for Germany from the Deutsche Bundesbank and Statistisches Bundesamt. Includes extensive capital market, public finance, national account and trade data, series from the *Ifo- Business Climate Survey* and the *ZEW Financial Market Survey* (G-mind). Data for West and East Germany are also presented.

FRANCE (FRANCE) Statistics from INSEE (France's National Statistical Office), the Bank of France and the Ministry of Finance. Includes INSEE's *Monthly Household and Business Climate Surveys*, and industrial detail for most indicators.

ITALY (ITALY) Comprehensive statistics from Istituto Nazionale di Statistica and Banca d'Italia. Includes the consumer, business, and services surveys from ISAE (Istituto di Studi e Analisi Economica). Monthly data begin as early as 1930.

SPAIN (SPAIN) Detailed indicators covering the Spanish economy from the Instituto Nacional de Estadística and the Banco de España. Monthly data begin as early as 1930.

IRELAND (IRELAND) Data on the Irish economy from the Central Statistics Office & Central Bank. Covers industrial detail for IP, retail sales, inventories, employment and trade.

DENMARK, FINLAND, ICELAND, NORWAY, SWEDEN (NORDIC) Over 5,500 series covering the Scandinavian economy. Data are from national statistical offices and central banks. Includes Finland's *Survey on Business Tendencies* and Sweden's Consumer Confidence from NIER.

AUSTRIA, CYPRUS, GREECE, MALTA, PORTUGAL, SWITZERLAND (ALPMED) Contains detailed indicators from each country's national statistical office and central bank. Includes extensive data on Austria's national accounts, Switzerland's BCI indicators, and Greece's labor force survey.

BELGIUM, NETHERLANDS, LUXEMBOURG (BENELUX) The BENELUX database contains detailed macroeconomic and financial time series for each country monthly beginning as early as 1921.

AUSTRALIA & NEW ZEALAND (ANZ) Over 11,000 series covering industry detail on employment, national accounts, sales and inventories, prices and trade. Data begin as early as 1948 and are from each country's central bank and national statistical office.

EMERGING MARKETS

This group of databases is updated from national statistical offices, central banks and other national sources. They provide the most timely data for the countries included with new country coverage added regularly. Haver Analytics also calculates additional seasonally adjusted series, US\$ series, regional GDP aggregates, productivity and unit labor costs data.

COUNTRY SUMMARY STATISTICS (EMERGE) Key comparable macroeconomic and financial indicators with basic industry detail covering over 70 emerging market countries. As with the G10 database, Haver Analytics also calculates additional series such as seasonally adjusted data, nominal and real GDP in US\$, domestic and external debt as a % of GDP, current account as a % of GDP as well as total and final domestic demand.

LATIN AMERICAN MACROECONOMIC DATA (EMERGELA) Key economic and financial indicators for 16 major Latin American economies. Data are sourced from national statistical offices, central banks and other agencies. Data include national accounts, industrial production, interest rates, money supply, consumer and producer price indexes, production, trade, business and consumer surveys, and export information on the petroleum industry.

CENTRAL & EASTERN EUROPE and WESTERN ASIA (EMERGECEW) Comparable monthly, quarterly and annual data for 24 Central/Eastern Europe and Western Asia countries. The database offers over 36,000 series covering financial detail, national accounts by industry, price indexes, BOP, international trade, industrial production detail, retail trade, labor force indicators, and business and consumer surveys from national statistical offices and central banks.

MIDDLE EAST and AFRICAN EMERGING MARKETS (EMERGEMA) Provides timely macroeconomic and financial data for 23 key Middle Eastern and African countries, including Turkey, Egypt, Israel, South Africa and GCC countries. Monthly, quarterly and annual series are available starting as early as 1924. Includes detail for national accounts, price indexes, employment, trade and money supply.

ASIA/PACIFIC RIM EMERGING MARKETS (EMERGEPR) Database providing over 20,000 timely macroeconomic and financial statistics for 13 major Asia/Pacific Rim emerging economies including China and Macao. Includes industry detail for national accounts, price indexes and employment, various construction indicators, business and consumer surveys and public finance detail. Data begin as early as the 1920's.

CEIC PREMIUM CHINA DATABASE (CHINA) Contains over 125,000 data series from CEIC covering national, provincial and municipal statistics collected from numerous national and regional statistical agencies and industrial organizations. In addition to macroeconomic statistics, detail is available for 185 industrial groupings with special emphasis on the 16 most rapidly growing sectors. It also contains unpublished data obtained through CEIC's special proprietary arrangements with data producing organizations. Annual data begin as early as 1947 with monthly data extending back to 1979.

CEIC PREMIUM INDIA DATABASE (INDIA) Provides over 100,000 time series on the Indian economy covering key economic indicators and 13 industry sectors. Data are also available at the provincial and city level. Company financials are included for India's most important sectors such as autos, chemicals, pharmaceuticals and textiles. It also contains a number of daily and weekly financial series. CEIC was founded in 1992 and is headquartered in Hong Kong.

INTERNATIONAL ORGANIZATIONS

These databases include monthly, quarterly and annual data from EUROSTAT, the OECD, the International Monetary Fund, the United Nations, the World Bank and the U.S. Bureau of Labor Statistics. They provide comparable statistics for macroeconomic indicators, national accounts and balance of payments for countries and regions.

EUROPEAN UNION DATA (EUROSTAT) Harmonized statistics for the member states of the European Union and the euro area including aggregates. Covers quarterly national accounts with annual GDP forecasts and PCE detail, widely used business and consumer surveys, detailed consumer and producer price indexes, money supply, interest rates, government finance, numerous industry statistics, retail trade, trade in goods, balance of payments and many various labor indicators. Additional financial detail for the euro area is also included. Data are from Eurostat, the European Central Bank and the European Commission.

EUROPEAN UNION REGIONAL LABOR (EULABOR) Harmonized regional employment statistics for the member countries of the European Union and the euro area from Eurostat. Total employment and the number of employees are reported by main NACE economic activity as part of the national accounts for NUTS level 2 regions such as Inner London, UK, Alsace, France and Stuttgart, Germany. Data are annual and begin in 1995.

OECD MAIN ECONOMIC INDICATORS (OECDMEI) Macroeconomic data for the 30 member countries, aggregates including the euro area, and transition countries such as China, Russia, India and Brazil. Data are available monthly, quarterly and annually beginning as early as 1960. Categories include employment, national accounts, construction, industrial production, consumer and producer prices, sales, trade and balance of payments. Corresponds to the monthly publication from the OECD.

OECD QUARTERLY NATIONAL ACCOUNTS (OECDNAQ) Quarterly data for the components of national income for OECD member countries beginning as early as 1970. Also included for regional aggregates are comparative measures of purchasing power parity compiled from OECD estimates. Corresponds to the quarterly publication from the OECD.

OECD ANNUAL NATIONAL ACCOUNTS (OECDNA) Annual national accounts from the organization's annual publication, *National Accounts Volume I: Main Aggregates* and *National Accounts Volume II: Detailed Tables*. Data are available beginning as early as 1960 for OECD member countries and aggregates, are based on SNA 93, and include comparative data using both purchasing power parities and exchange rates.

OECD FINANCIAL ACCOUNTS AND BALANCE SHEETS (OECDFIN) Annual data for 23 OECD countries from the OECD's *National Accounts Vol. IIIa: Financial Accounts – Flows* and *Vol. IIIb: Financial Balance Sheets – Stocks*. Data values begin in the early 1970's and are based on SNA 1993 for cross-country comparisons. In addition, the database includes the types of financial instruments used by different sectors to acquire financial assets or to incur liabilities. The balance sheets give a picture of financial net worth at the end of each year by sector and by financial instrument.

INTERNATIONAL ORGANIZATIONS (continued)

OECD FOREIGN DIRECT INVESTMENT (OECDFDI) Inflows, outflows, inward position and outward position are provided for each OECD country with over 70 partner countries and country aggregates. Flows are presented in national currency and US dollars. In addition, tables by sector by country and by country by sector are available. Annual values begin in 1982.

OECD ECONOMIC OUTLOOK (OUTLOOK) Provides quarterly and annual history and projections for national accounts, balance of payments, employment and other economic indicators for the 30 member countries and for 20 regional aggregates including OPEC, the Asian NICs and Africa.

INTERNATIONAL FINANCIAL STATISTICS (IFS, IFSANN) Monthly, quarterly, and annual gross domestic product and national accounts detail, interest rates, price and production indexes, money and banking, commodity prices, exchange rates, and balance of payments data for nearly 250 countries and regional aggregates as published in the IMF's *International Financial Statistics*.

BALANCE OF PAYMENTS (IMFBOP, IMFBOPA) Quarterly and annual balance of payments (BOP) and international investment position (IIP) detail from the IMF's *Balance of Payments Statistics*. Data are presented in US\$ and local currency, and cover 185 countries plus country aggregates. BOP data are provided in both analytic and standard presentations. Quarterly data begin as early as 1962, annual data begin as early as 1948.

DIRECTION OF TRADE STATISTICS (IMFDOTM, IMFDOT) Monthly and annual exports and imports from the IMF's *Direction of Trade Statistics*. Covers trade by 250 trading partners as reported by 200 countries. Monthly data begin as early as 1980, annual data begin as early as 1948.

WORLD ECONOMIC OUTLOOK (IMFWEO) IMF's analysis and projections of economic developments at the global level, in major country groups and in 181 countries. It provides the framework for the IMF's global surveillance activities. Values usually begin in 1980 and may include estimates made by IMF staff for historical periods. Commodity price indexes with projections are also available.

INTERNATIONAL BANKING STATISTICS (BIS) International financial claims and liabilities for over 200 countries and aggregate areas, broken down by currency, sector and the nationality of the reporting bank from The Bank for International Settlements (BIS). The currency breakdown of external positions is provided for all sectors, nonbank sectors and official monetary institutions. Data values are quarterly and extend back to the 1970's. Also includes BIS effective exchange rate indexes.

INTERNATIONAL ORGANIZATIONS (continued)

WORLD DEVELOPMENT INDICATORS (WDI) Offers annual data collected by the World Bank and 30 partners covering more than 860 concepts for 153 countries. A smaller set of concepts is reported for 56 additional economies. Indicators are grouped into topic areas which include Development Framework, Environment, Social Indicators, Exchange Rates and Prices, Financial Statistics, External Debt, Government Finance, Balance of Payments, Trade and National Accounts. Values begin in 1960 for many countries and concepts.

WORLD COMMODITY PRICES (WBPRICES) Timely monthly and annual prices for 76 key commodities and price indexes for 14 broad commodity categories for emerging countries from the World Bank Development Prospects Group. Also known as the *Pinksheets*, monthly data begin in 1983 and annual data begin in 1960.

GLOBAL DEVELOPMENT FINANCE (WBDEBT) Formerly known as the World Bank Debt Tables, includes public and private external debt as reported by 138 countries to the World Bank. Provides detail for long-term debt flows, breakdown of short-term components & debt restructurings including rescheduled & forgiven debt. Projections for disbursements & debt service for the next ten years are also available.

UNITED NATIONS POPULATION PROJECTIONS (UNPOP) Demographic data with projections through the year 2050 for 165 countries, 6 major regions and the world for total and working age population and for 18 different age groups by gender. Fertility and mortality rates are also provided.

INTERNATIONAL COMPARISONS (INTCOMP) Labor force, employment, unemployment, GDP, manufacturing productivity, consumer prices, labor costs, hourly compensation costs, hourly direct pay and pay for time worked data adjusted for 30 countries to be comparable to U.S. terms. Data are from the Bureau of Labor Statistics.

FORECASTS & 'AS REPORTED' DATA

Haver Analytics has several databases with macroeconomic forecasts. We also store historical data as reported at a certain date to allow comparisons with pre-revision data as well as changes in methodology and classifications.

SHORT TERM U.S. ECONOMIC FORECASTS (MA4CAST) Macroeconomic Advisers, a two-time winner of the prestigious Annual Blue Chip Economic Forecasting Award, provides macroeconomic forecasts using their widely acclaimed U.S. Macro model. Over 600 quarterly forecasts of the U.S. economy are provided. Data include history plus two years of quarterly forecasts and are updated on a monthly basis, within a few days of the NIPA releases.

LONG TERM U.S. ECONOMIC FORECASTS (MA4CSTL) Over 600 annual forecasts of the U.S. economy are provided by Macroeconomic Advisors. Data include history plus ten years of annual forecasts updated on a quarterly basis, within a few weeks of the NIPA releases. Historical data are provided to MA by Haver Analytics.

CANADIAN QUARTERLY MODEL (CQM) Five-year forecasts of Canadian macroeconomic data from the Centre for Spatial Economics (C4SE). Data are quarterly and begin as early as 1981. CQM contains almost 500 series covering national accounts, production, prices, public finance, interest and exchange rates, housing, employment and population using assumptions consistent with Macroeconomic Advisers' forecast of the U.S. economy.

CANADIAN PROVINCIAL MODEL (CPM) Ten-year forecasts of over 300 macroeconomic and demographic concepts that provide a comprehensive economic outlook for Canada and each of its 10 provinces from the Centre for Spatial Economics (C4SE). Data are annual, begin in 1997 and include data on GDP by industry, income, prices, labor indicators, retail trade, auto sales and population.

FX4casts CONSENSUS (FX4CASTS, FX4CE) Consensus economic and financial forecasts for global currencies, interest rates and economic indicators from FX4casts. FX4CASTS presents forecasts with actual historical values, while FX4CE presents "as-reported" forecasts. Annual forecasts are updated monthly for exchange rates, real GDP, inflation rates and current account as a % of GDP. 1-mo, 3-mo, 6-mo, 1-yr & 2-yr ahead forecasts are available for 32 major currencies weekly and monthly, and 43 minor currencies monthly. Monthly confidence intervals and interest rate forecasts are also provided. FX4casts has compiled monthly consensus forecasts since 1984 based on responses from contributors in 45 authoritative financial organizations located throughout the world. Subscription includes FX4casts' monthly issues and weekly updates with forward-looking analysis for 32 countries.

GLOBAL MACROECONOMIC FORECASTS (OEFQMACR, OEFMAJOR, OEFINTER, OEFMINOR) Oxford Economics' global macroeconomic databases cover 75 countries quarterly with a five-year forecast horizon and 175 countries annually with a ten-year forecast horizon. Concepts include interest rates, stock markets, money supply, public finance, national accounts, prices, production, unemployment, and balance of payments. Databases are updated monthly with quarterly data beginning as early as 1980 and annual data beginning as early as 1960. Oxford Economics and Macroeconomic Advisors share information in their forecasting processes and hold joint conferences for their mutual clients.

GLOBAL INDUSTRY FORECASTS (OEFQIND) Oxford Economics' global industry database covers 11 major economies, including China, with ten-year quarterly forecasts for output, prices, wages, employment and investment for up to 65 industries. OE's global macroeconomic and industry models are fully integrated. Data are updated monthly and begin as early as 1980.

FORECASTS & 'AS REPORTED' DATA (continued)

EIU MARKET INDICATORS AND FORECASTS (EIUIAMER, EIUIASIA, EIUIEEUR, EIUIEMENA, EIUISUBS, EIUIWEUR, EIUIREGS) The Economist Intelligence Unit's *Market Indicators and Forecasts* provides forecast data on market size and growth potential for 60 key economies. They contain considerable detail at the industry and sector level on consumer markets and income, infrastructure, competitiveness, credit risks, business operations risks, and indicators on politics, institutions and regulations. They also include the Economist's Big Mac indexes. The databases are organized by world region and contain forecasts of up to five years. Data are annual starting in 1990 and are updated each Friday afternoon.

EIU COUNTRY DATA (EIUDAMER, EIUDASIA, EIUDEEUR, EIUDMENA, EIUDSUBS, EIUDWEUR, EIUDOCD, EIUDREGS) The Economist Intelligence Unit's *CountryData* provides over 280 macroeconomic data series covering national accounts, labor markets, production, fiscal and monetary indicators, prices, trade, debt and foreign payments. Much of the historical data are provided to the EIU by Haver Analytics. Prices, consumption, production, and stocks are also available for 40 globally traded commodities. Databases are organized by world region and cover 150 countries and 40 regional aggregates. Annual data begin in 1980 and contain forecasts of up to five years. Monthly and quarterly data begin in 1993 and are available for a selected set of concepts and countries. The databases are updated each Friday afternoon.

ACTION ECONOMICS FORECAST MEDIANS & AS FIRST REPORTED DATA (AS1REPNA) As first released (unrevised) data and forecast survey medians of major macroeconomic indicators for the U.S. from Action Economics. The forecast median, mean, standard deviation, low, high, and number of survey participants are included beginning in Dec 2003. As-reported data extend further back. Updated each Friday, Action Economics' surveys help gauge consensus thinking in financial markets.

MMS SURVEY MEDIANS & AS FIRST REPORTED DATA (MMSAMER, MMSEUR, MMSASIA) Consensus data (forecast survey medians) and as first released (unrevised) actuals of major macroeconomic indicators for the U.S., Canada, the euro area, 19 European countries, Japan, Australia and several Asian countries from Informa Global Markets. Series are also available with the date and time of each release. Updated daily, MMS's weekly surveys are used to help predict, identify and confirm fundamental movements in the markets.

ECONOMIC SURVEY FORECASTS (SURVEYS) Outlook for future economic conditions from the Federal Reserve Bank of Philadelphia's Livingston *Survey of Economists Forecasts* and the ASA/NBER *Survey of Professional Forecasters*.

HISTORICAL ECONOMIC FORECASTS (AS4CAST) Forecasts for key U.S. economic indicators for the next 4 quarters and the next 2 years compiled as part of a joint project of the American Statistical Association and the NBER. It is now known as the Federal Reserve Bank of Philadelphia/ASA/NBER's *Survey of Professional Forecasters*. Historical forecasts begin in the fourth quarter of 1968. Also includes as reported forecasts from the National Association for Business Economists (NABE) Outlook Survey *NABE Outlook* beginning in 2002.

AS REPORTED U.S. GROSS DOMESTIC PRODUCT (ASREPGDP) This database contains real and nominal series from the main BEA GDP summary table as they appeared each month beginning in July 1978. Key source data and assumption series are also available as reported beginning in July 2001.

U.S. REGIONAL

Haver Analytics' regional databases cover economic conditions in U.S. states, metropolitan areas, counties and cities. These databases contain weekly, monthly, quarterly and annual data published by federal, state and local governments and various trade associations.

MONTHLY PAYROLL EMPLOYMENT (LABORR) Monthly establishment survey data from BLS for over 400 industries in all 50 states and over 250 MAs. Data begin as early as 1946.

LABOR FORCE AND UNEMPLOYMENT (EMPLR, EMPLC) Monthly household survey data from the BLS for states, cities, counties, MSAs and PMSAs. Data cover labor force, number employed, number unemployed and the unemployment rate. State data are both seasonally adjusted and unadjusted from 1970; area data are not seasonally adjusted and begin in 1980.

COVERED EMPLOYMENT AND WAGES (CEWR) Covered employment and wages by state by 4-digit NAICS industry from the BLS. Wages, insurance contributions and number of establishments are reported quarterly by size of establishment and industry. Employment is reported monthly. Data are obtained from quarterly tax filings of businesses with employees covered by state unemployment insurance programs and federal employees covered by the Unemployment Compensation for Federal Employees.

ANNUAL EMPLOYMENT BY INDUSTRY (BEAEMPL, BEAEMPM) Annual employment (including proprietors), and wage and salary employment by place of work. Covers 3-digit NAICS detail for the 50 states, the eight BEA regions, and all metropolitan areas and 2-digit NAICS detail by MA.

RESIDENTIAL BUILDING PERMITS (PERMITS, PERMITY, PERMITP, PERMITC, PERMITA) Annual, monthly and monthly year-to-date residential permits by type for regions, states, metropolitan areas, counties and permit-issuing places. Data begin as early as 1980.

SELECTED REGIONAL INDICATORS (REGIONAL, REGIONW) Monthly bankruptcy filings, mass layoff statistics, house price indexes, unemployment insurance claims, and exports by state. Also includes annual motor vehicle registrations by state, annual Medicare payments by state, and annual homeownership, rental vacancy and homeowner vacancy rates by state and MA's. Weekly series covering initial claims and coal production by state as well as raw steel production by area.

PERSONAL INCOME (PIQR, PR, PIRMSA, PICOUNTY, PIRC1 to 9) Income by place of residence, derivation of disposable personal income, earnings by place of work and earnings by industry. Annual and quarterly data for states and regions; annual data for all metropolitan areas and counties. Data begin as early as 1929.

U.S. REGIONAL (continued)

MORTGAGE DELINQUENCY RATES (MBAMTG) Quarterly delinquency rates of 1- to 4-unit residential mortgage loans reported by the Mortgage Bankers Association. Data for the total U.S. and Census regions begin in 1972. Data for states and Census divisions begin in 1979.

CONSUMER DELINQUENCY RATES (DLINQR) American Bankers Association monthly delinquency rates by state. Data begin in 1972 and include 12 categories of closed-end and open-end loans.

REAL ESTATE LOAN DELINQUENCY RATES (FALOAN) Covers quarterly state and metro area real estate and construction loan delinquency rates developed by Foresight Analytics, a California-based provider of real estate consulting services. Rates are provided by loan type that includes single family first lien mortgages, single family junior lien mortgages, home equity loans, multifamily mortgages, commercial mortgages and construction loans. U.S. construction loan detail by type of property is also included. Data begin in 2001.

BANKRUPTCIES BY COUNTY AND MSA (BANKRUPT) Contains annual bankruptcy filings by county and MSA beginning in 1991. Bankruptcy filings are calendar year and reported by chapter (7, 11, 12, 13) for business, non-business and total.

GROSS DOMESTIC PRODUCT BY STATE AND MSA (GSP, GDPMSA) Annual current and real Gross Domestic Product estimates for 50 states & 8 BEA regions for over 80 NAICS industries beginning in 1977. Compensation of employees, gross operating surplus, property-type income, subsidies and taxes on production and imports are also included. Current and real GDP for 363 Metropolitan Statistical Areas (MSAs) are available beginning in 2001 for 61 NAICS industries.

POPULATION BY AGE AND SEX (USPOP, USPOPC) Annual resident population by age and sex for 50 states and the 9 Census regions. Total population for MA's and household data by state and region. Projections are available for total resident population through 2020 for states. County population by 5 year age groups and sex begins in 1970.

TRADE BY PORT (PORTS) Monthly value and shipping weight of imports and exports passing through 443 ports and 46 customs districts. Data begin in Jan 1996 and cover shipments by vessel and by air.

EXPORTS BY INDUSTRY AND COUNTRY (EXPRQ1 to 9, EXPORTSR) Quarterly state exports by industry by country starting in 1997 from WISER (the World Institute for Strategic Economic Research, formerly MISER) and the Census Bureau. Exports are reported in terms of value and weight by air, vessel or container for 31 NAICS industry groups and over 200 countries. Annual export data include series by world area.

GOVERNMENT FINANCIAL STATISTICS (GOVFINR) State and local government annual revenues by source and outlays by function from the Census. Includes timely quarterly tax revenues from the Rockefeller Institute of Government.

FDIC BANKING STATISTICS (FDICR) Bank loan data by state provided annually back to 1966. Loans are shown by commercial and savings banks and by type/sector of the loan.