



IHS Markit™

ECONOMICS AND COUNTRY RISK

Global Economic and Financial Data

World's largest commercially available and frequently updated international macroeconomic data offering for over 204 global markets

Economic Analytics

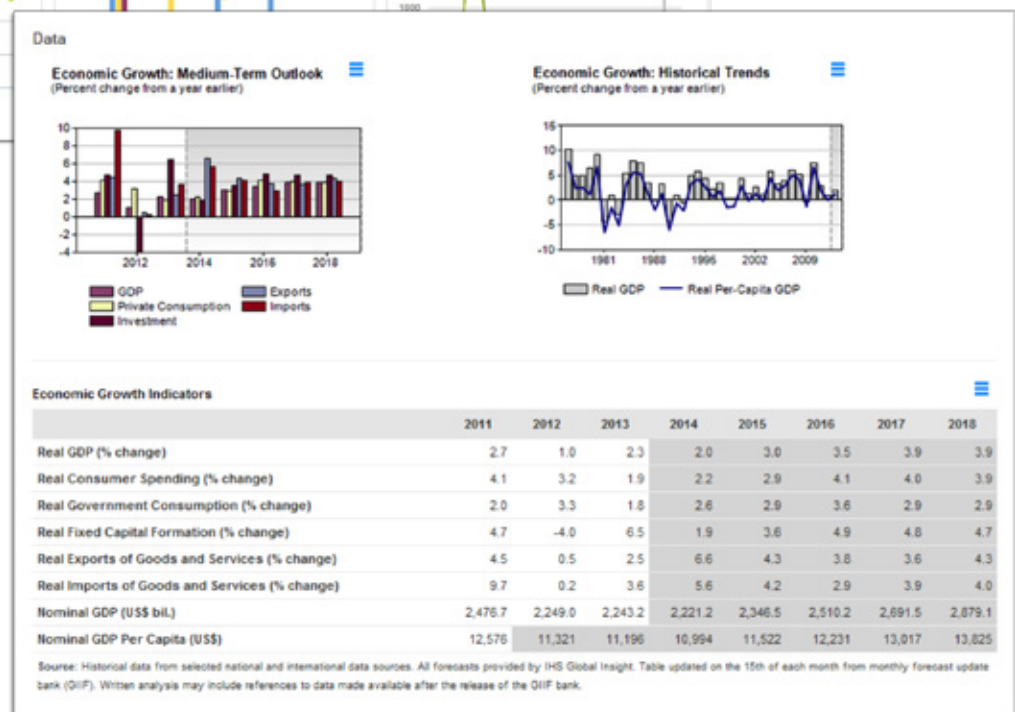
The all-inclusive macroeconomic data solution composed of a comprehensive suite of tools with timely and accurately updated data from primary sources and global agencies for over 204 countries

Designed for economists and analysts, Economic Analytics provides everything you need to efficiently produce timely analysis and research of global macroeconomic developments. Economic Analytics includes more than 4 million timely global macroeconomic data series for more than 204 countries sourced from National Statistical Agencies, Central Banks, International Agencies, and over 200,000 supporting financial indicators covering interest rates, exchange rates, commodities, equity and fixed income indices and more. Economic Analytics also combines globally recognized and monitored forecasts from the IMF, OECD, and the European Commission to assist users in enhancing their own projections. Economic Analytics brings the focus back to data analysis and business insight and eliminate time consuming tasks such as data mining, sourcing and rebasing.





Access key economic data in preformatted tables and graphs embedded in relevant sections of the country report



The Economic Analytics data foundation:

- Comprehensive global macroeconomic data of more than **204** countries
- Over **4 million** macroeconomic times series and up to **500** indicators per economy for a holistic economic analysis
- Up to **200,000** supporting financial indicators to complement the economic metrics
- Extensive history data as building block to perform regression and predictive analysis
- Searchable Meta-data and industry classification to help you find data, identify metrics and establish relationship between related and similar data
- Annualized economic indicators to support comparable analysis of the economy by region, country or world

Economic Analytics simplify complexity with:



Single Point Data Source

Access to more than 4 million global macroeconomic data series for more than 204 countries from National Statistical Agencies, Central Banks and International Agencies, with over 200,000 supporting financial indicators ranging from equity indices and fixed income instruments to commodity prices and exchange rates. Generate fact-based analysis through one single data source



Timeliness

Historical points are updated within minutes to draw insight and make faster and smarter business decisions



Comparative Analysis

Drawing on unique comparable economic indicators to perform quick and easy cross-country analysis, enabling early anticipation of change



Depth

Up to 500 comprehensive economic and financial indicators per country with extensive historical data, enabling critical longer term planning



Data Attribution

Curated taxonomy database and Meta data to help you find data, identify metrics and establish relationship between related and similar data

5-Step process from data to insight

COLLECT and analyze data to draw conclusions quickly

EVALUATE data looking for trends or contagion effects

PRESENT and report on findings, conclusions and recommendations



HOMOGENIZE and calculate aggregates to get comparative results

IDENTIFY developments within major economies with a regional or global impact

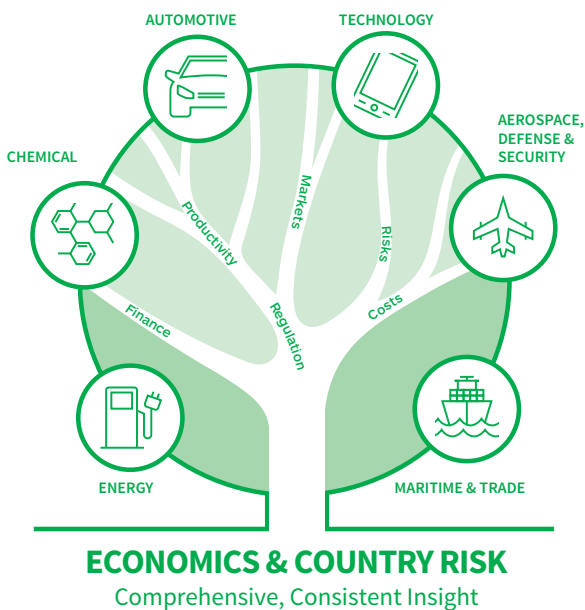
Workflow Ready: Economic Analytics supports your workflows so you can advance your decisions more efficiently

- IHS Markit has 50+ years' experience transferring vast amounts of source data into accurate decision-ready information used every day to support critical decisions
- IHS Markit generated history for series that are rebased by the reporting source to create the longest time series available
- Timely Historical data points to draw insight and make faster and smarter business decisions, reducing time mining data and increasing time analyzing data

Unlock opportunities across 200+ countries to help your business assess its investments and future growth

Adding value to our macroeconomic data, Economics & Country Risk provides the foundational inputs across all capital intensive industries covered by IHS Markit, creating alignment throughout all of our macro and industry forecasts.

Based on 50 years of forecasting expertise, IHS Markit employs a rigorous methodology that ensures alignment and accuracy throughout all IHS Markit forecasts. Quarterly baseline forecasts enabling critical short-, medium-, and longer-term planning.



- Short-, medium-, and long-term economic forecasts for 205 countries
- Detailed assessments with sub-national detail for the US, Canada, China, and South Africa
- Daily analysis of all data releases
- Country risk analysis and ratings
- Comparative industry intelligence for 95+ industries in 75+ countries
- Global consumer markets
- Global trade
- Global construction markets
- Life Sciences

With comprehensive outlooks based on a consistent set of assumptions, you get a complete, aligned global perspective of the economic drivers and risks that impact your core and adjacent industries and ultimately your business

You make informed decisions that are based on a consistent set of assumptions

Do you need in-depth analysis to support decision-making? Complementary datasets are also available:

Purchasing Managers' Index™ (PMI™)

Market-moving, fact-based surveys: a **barometer** of business activity. Combined with IHS Markit macroeconomic data solution, you can create early view on an economy development to assess business risks and opportunities.

4000+
Macroeconomic
Indices

30+
Countries
Covered

Purchasing Managers' Index™ (PMI™) Offers

Monthly Data

Economists from central banks and private sector financial institutions almost unanimously cite a preference for monthly data, notably because monthly surveys pick up turning points earlier than quarterly official data

Internationally Comparable

PMI is produced using an internationally compatible methodology. It is therefore a simple procedure to compare economic conditions in China with those of numerous other countries (including all G7 countries)

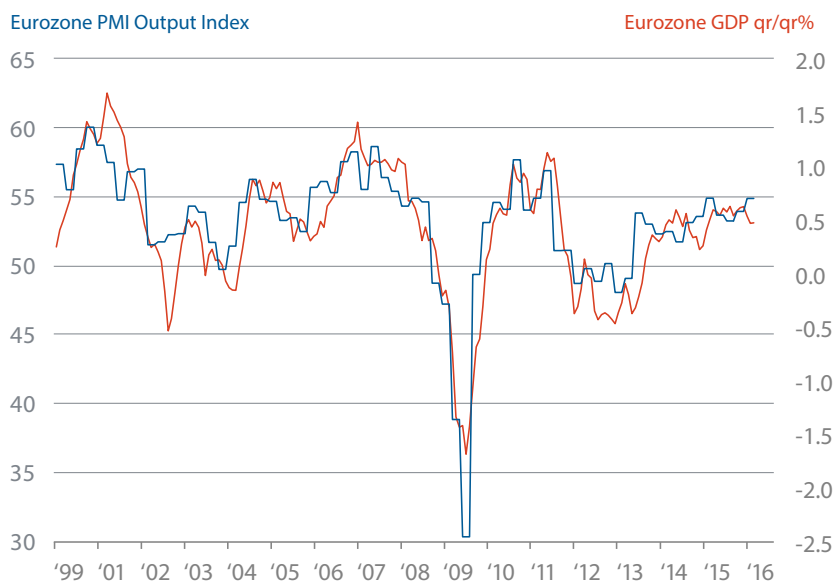
Tracks hard data at panel member companies

Research shows that opinion-based surveys do not generate data that are as reliable as “hard data” surveys. This typically becomes more noticeable in the lead up to events such as a general election, when industry may want to send a signal of discontent to a government and the survey results may be overly pessimistic compared to subsequently published official data

Timeliness

The first economic indicator to be released in each nation every month, with data released at the start of each month based on replies relating to the month just passed. Flash PMI data for selected countries are available even earlier around seven days prior to the end of each month

IHS Markit Eurozone Composite PMI Output Index vs. Eurozone GDP



Sources: Markit; Eurostat

The PMI was the first indicator to signal the steep downturn in eurozone GDP during the global financial crisis in late-2008, the recession during the euro debt crisis in 2011-12 and the recent economic recovery.

PMI Coverage Offerings

- PMI Manufacturing
- PMI Services
- PMI Construction
- PMI Whole Economy
- PMI Sectors
- Capacity Utilization
- Productivity

CEIC

Detailed **CITY-LEVEL** economic information with a focus on China and Asia.

- Cover up to 18 macroeconomic sectors and 21 industry sectors on China

The Paychex | IHS Small Business Jobs Index

Coverage up to 350,000 **US SMALL BUSINESSES** in eight industry sectors.

- US National and regional coverage of small business employment
- Historical data going back to 2005



Delivery Platform Options

Depending on your preference or need, you can access data from many different platforms; DataInsight Desktop, EViews and data feed.

Data Feed Solution

Customers looking for offline solution can also opt for our data feed solution. Offered on IHS Markit Integrated Data Delivery Service (IDDS) platform, IHS Markit data feed is a time-saving and automated solution for delivering our world renowned macroeconomic and financial time series data. Flexible web service and FTP delivery options provide direct integration with your in-house databases or applications for immediate access to data updates throughout the day. IDDS is designed to help customers eliminate manual data processing and greatly improve performance, efficiency and optimization of IHS Markit macroeconomic and financial data into user workflow. Its simple format and delivery method allow for better and quicker integration of data to consuming database systems or applications.

DataInsight Desktop

Whether you are analyzing the global economy, monitoring market indicators, or carrying out an in-depth study on a specific market or region, you can complete your research quickly and easily with IHS Markit data using DataInsight Desktop.

DataInsightDesktop is a comprehensive navigation, time-series analysis, and graphing application to support your workflow. Designed by economists for economists, econometricians, analysts, financial experts, corporate planners and researchers in the corporate, government, and financial markets space.

E-views

Start with most comprehensive, timeliest global macroeconomic and macro-financial time series data from a single source coupled with your own propriety data to build basic and complex models using the most powerful statistical, forecasting, and modeling tool. EViews lets you manage data, perform econometric and statistical analysis, generate forecasts and model simulations, and produce high quality graphs and tables.

About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

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