

A Bloomberg Professional Services Offering

Bloomberg Terminal: Quick Start

Bloomberg Terminal

News

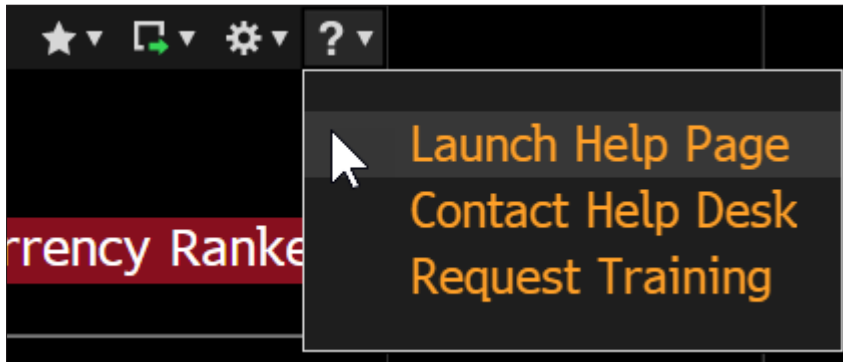
Bloomberg

Contents

- 02** Need help?
- 03** News
- 06** BI <GO> Bloomberg Intelligence
- 07** Quickly find data, news and research for individual securities
- 09** Let's "load" an equity
- 10** First, functions that apply to all securities
- 14** Equity-specific functions
- 18** Bond-specific functions
- 21** Currency-specific functions
- 22** Commodities-specific functions
- 23** Relative-value functions: Compare securities worldwide equities
- 27** Commodities
- 29** Currencies
- 31** Economies
- 35** Rates and central banks
- 36** Corporate & government bonds
- 39** Rankings & statistics
- 41** Cheat sheet

Need help?

- Type **HELP** and hit **<GO>** for navigation tips: functions, securities, the panels and the keyboard.
- Click the question mark (?) top-right of any page > click **Launch Help Page** for instructions.
- Press the **<HELP>** key twice in a row to open a chat with the 24/7 Bloomberg help desk.



News

TOP <GO> | TOP News Worldwide

Our top stories, market insights and news digests in one place. The page curates the best of Bloomberg News, Bloomberg Intelligence, Economics, QuickTakes and Opinion. Lower sections focus on opinion, deals, finance, economics, government, technology, science and sports.



- Type “NZPD <GO>” > click **Edit** to change your region default page.
- Click **All Stories** on the red toolbar to see every bit of news.
- Click **Pages** for
 - **OPIN <GO>** Opinion
 - **QUIC <GO>** QuickTakes
 - **BIZW <GO>** Businessweek
 - **TWEE <GO>** Selected Tweets
 - **WSJ <GO>** Wall Street Journal News
 - **NYT <GO>** New York Times News
 - **WPT <GO>** Washington Post News
 - **TEL <GO>** Daily Telegraph News
- Click **Custom Searches** for your recent and saved news searches
- Click **Translate** to translate the stories into one of 40 languages
- Browse news by categories. Type “**TOP Europe <GO>**”, “**TOP Oil <GO>**”, “**TOP China <GO>**”, “**TOP Stocks <GO>**”, “**TOP Bonds <GO>**” for the biggest stories on those topics.

Tip

In the side panel to the right, the **Spotlight** features compelling charts, graphics and video on major themes of the day, while the lower section displays the most important First Word breaking news.

N <GO> | News Searches

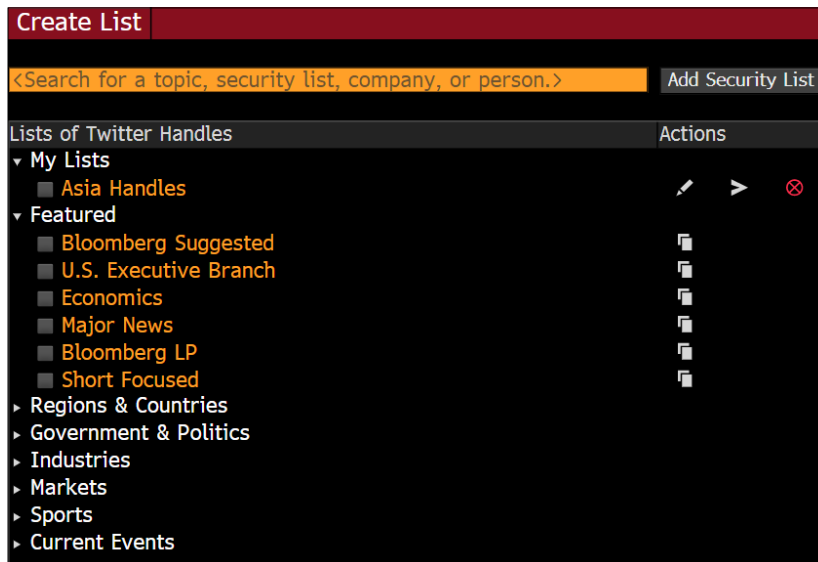
Type key words in the yellow search box and wait for the dropdown to pick the most specific key word, topic, security, person or source, including Bloomberg and most international news providers, newspapers and social media. Use quotation marks to search for exact words or phrases in stories. Narrow your search by typing more key words. Simply type your preferred source in the yellow box and pick it in the dropdown.



- Click **Actions > Set Alert Delivery** to be alerted next time a story meeting your criteria is published.
- Click **Actions > Use Advanced Editor** to deploy more complex criteria including Relevance, Date, Attachments, search operators such as **Any of These** or **None of These** and manually edit your complete search expression.
- Preview Results to refine your criteria before saving your filter or alert.

TWTR <GO> | Twitter Filter Builder

Twitter is fully integrated with Bloomberg’s monitoring, searching and alerting capabilities. Build a filter to see only the tweets you need.



- Type “**TWTR**” and hit **<GO>**.
- Click the page icon to the right of any featured topic – including countries and regions, government and politics, industries and markets – to copy the list of suggested handles on that topic to **My Lists** and edit.
- Click the pencil icon to the right of the list to edit: rename, add or subtract handles.
- Or click **Create List** on the red toolbar to build a list from scratch.

MYN <GO> | My News Page

Create, edit and display personalized news pages to see specific topics, regions or markets.

Actions ▾ My News Pages ▾ Custom Searches My News

Reinie ↻ 17:15

Top Stories | More »

- 1) BN 17:02 China Expands Travel Curbs as Virus Death Toll Exceeds 100
- 2) BN 17:04 Risk-On Evaporates as Virus Measures Stepped Up: Markets Live
- 3) BN 17:00 Trump Lawyers Enter Final Day After Skirting Bolton Bombshell

Tencent Holdings Ltd (Hong Kong) | More »

- 4) NS6 16:18 新浪新闻中国: 腾讯捐赠物资陆续抵达湖北 上线症状在线问诊功能
- 5) NS6 16:06 搜狐新闻: 阿里腾讯等互联网企业通知延期复工或远程办公

Stock Market News | More »

- 6) BN 16:12 European Shares Pause After The Biggest Decline Since October
- 7) BN 16:24 Europe Stocks Gain With U.S. Futures; Bonds Steady: Markets Wrap
- 8) BN 15:20 These Pricey Shares Just Got \$46 Billion Cheaper: Taking Stock

Mergers & Acquisitions deals | More »

- 9) BN 06:31 Lazard Dealmaker De Gennaro Exits After Almost Two Decades
- 10) BFW 06:03 Health Scare Raises Risk for Reynolds, Casper IPOs : ECM Watch
- 11) BN 05:56 Instructure Takeover By Thoma Bravo Dealt Blow By ISS

Government News | More »

- 12) BN 10:26 Trump Lawyers Largely Ignore Bolton Revelations in Senate Trial
- 13) BAM 01/13 Rich/Cheap Report: France Govt: 31 December 2012

Donald John Trump (United States of America, President) | More »

- 14) BN 16:35 Johnson Walks Huawei Tightrope as U.K. Sets Up Clash With Trump
- 15) GUP 01/17 17th January: Morning Coffee

- **Actions > Create New Page.**
- Enter a title and hit **<GO>**.
- For a new news search, in the amber field, type the key word(s) for a topic, security, person or news source > select from the list that appears. Specify how many stories you want to appear on your page.
- Click **Use Saved Search** to select from your **Saved Searches**.
- Click **Remove Search** to choose a new one and click **Delete Section** if you need.
- Click **Save**.
- Click **Add Section** on the red toolbar to add another filter, or **Reorder Sections** if required. Each section will display the most recent results each time you access the MYN <GO> My News page.
- Click **<Back> to Return** at the top of the page to save your edits.
- On the red toolbar, click **My News Pages > Manage Saved Pages** to reorder your pages.

BI <GO> Bloomberg Intelligence

See extensive research on industries, companies, credit, governments, litigation, and strategies, including critical themes and reviews/previews of company earnings and data.

The screenshot shows the Bloomberg Intelligence homepage. At the top, there's a navigation bar with 'Actions', 'Events & Chatrooms', 'Settings', and 'Bloomberg Intelligence'. Below this is a search bar with the text '<Search BI Research and Data>' and a dropdown menu showing 'Popular Searches: Coronavirus, China, Virus'. The main content area is divided into several sections: 'Browse All of BI' (Industries, Strategy, BI Products), 'My BI' (Dashboards, Mobile Phones, Computer Hardware & Storage, Consumer Electronics), 'Suggested BI' (Suggested Key Data, Suggested Research), and a 'Spotlight' section featuring 'U.K. Asset Manager Margins' with a line chart. The 'Featured Research' section lists 6 items, and the 'Suggested Research' section lists 20 items with timestamps.

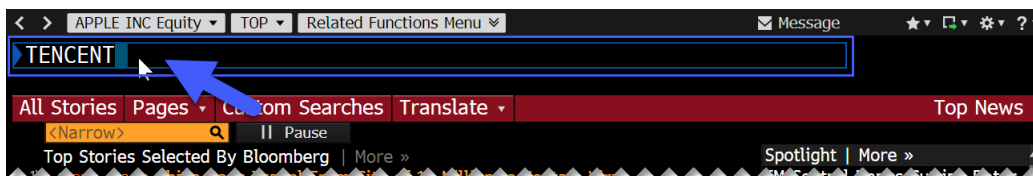
- Click **Browse** top-left to dig into BI's research by industries (more than 135), topics, strategy and BI products. Click the **All Regions** dropdown top-right to filter by region.
- Click on a topic to see its **Dashboard**: explore analysis of industries, markets, strategies and companies. From the categories on the sidebar, delve into an array of content, including company primers, earnings reviews, and assessments of important themes, as well as industry- and company-specific fundamentals and third-party datasets.
- Click the pencil icon right of **My BI** to create a list of favorite dashboards and data modules, to access in one click from the homepage.
- Click **Actions > Contributors** to find more than 300 contributing partners, and view research on your industry offered by third-party dataset providers and curated by BI analysts.

Tip

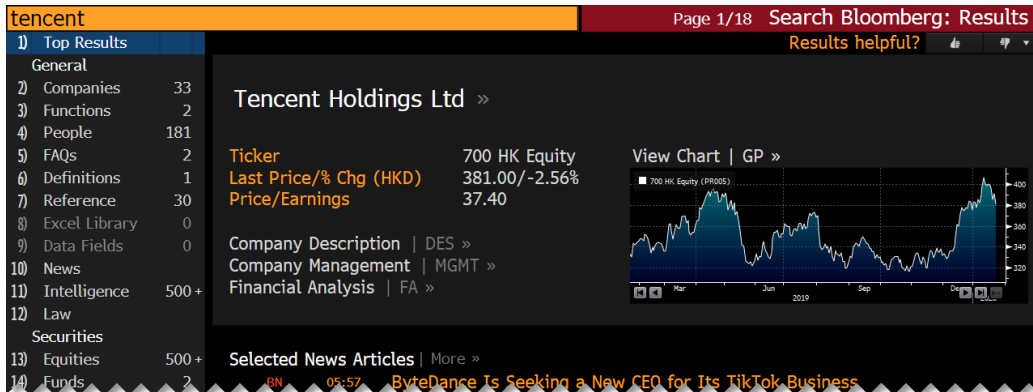
Click **Community** to connect with 300 BI analysts by signing up for a series of live or virtual events. Join a range of industry chatrooms with the relevant BI analyst and your peers.

Quickly find data, news and research for individual securities

- Click in the **blue search box** (also known as the **Command Line**) at the top of the screen > type key word(s) to find things > hit **Enter** or **<GO>**...



- and see the results:



- Or type the key word(s) in the **blue search box** and wait for the dropdown suggestions:

The screenshot shows a search dropdown menu for the keyword 'TENCENT'. The menu is divided into two main sections: 'FUNCTIONS' and 'SECURITIES'. Under 'FUNCTIONS', there are options like 'SEARCH TENCENT', 'N TENCENT', 'BIO MA HUATENG "PONY"', etc. Under 'SECURITIES', there are options like '700 HK Equity', 'TCEHY US Equity', 'TENCNT Corp', etc. A mouse cursor is pointing at the '700 HK Equity' option.

Tip

If you click on a security, you'll get the option to open a range of data, news and research pages. We call these "functions". The options vary depending on whether you clicked on an equity, bond, currency, commodity, index, etc. We'll return to this on the next page.

SECF <GO> | Securities Finder

If you struggle to find a security by typing in the command line, try SECF <GO> to filter securities by asset class and a range of criteria such as industry, country, security type and keyword.

The screenshot shows the SECF <GO> Securities Finder interface. It includes a search bar, an 'Export' button, and a 'Security Finder' title. Below the search bar is a table with columns for Security, Description, Category, and Sub-Category. The table lists several securities, including IBM US Equity, SPX Index, T Govt, TSLA US Equity, and AAPL US Equity.

Security	Description	Category	Sub-Category
1) IBM US Equity	International Business Machines Corp (U.S.)	Equities	Stocks
2) SPX Index	S&P 500 Index	Index/Stats	Equity Index
3) T Govt	United States Treasury Note/Bond (Multiple Matches)	Fixed Income	Government Bo...
4) TSLA US Equity	Tesla Inc (U.S.)	Equities	Stocks
5) AAPL US Equity	Apple Inc (U.S.)	Equities	Stocks

- Click the **Category** dropdown to select and asset class. Note the tabs that reveal further sub-categories such as asset type

Tip

Search results appear in order of highest relevance, the most likely matches. A company that is currently popular in the news is likely to have a high relevancy rating. You can also sort results according to your own security-specific criteria by clicking the column headers that appear.

Let's "load" an equity

Type the name of any company in the blue search box > wait for the dropdown suggestions > click the equity you want to analyze > note the range of data, news and research pages, or "functions". Here's an example of the dropdown options for an equity, Tencent Holdings Ltd.



- Click any of the options or drill deeper for more by clicking the category headings, **Company Overview, Company Analysis, Research & Estimates**, and so on.
- Click the **Related Functions Menu** on the top toolbar at any time to return to the menu.

First, functions that apply to all securities

DES <GO> | Security Description

Access a wide range of information about the security.

700 HK Equity	98) Report	99) Contact IR	Page 1/5	Security Description: Equity
1) Profile	2) Issue Info	3) Ratios	4) Revenue & EPS	5) Industry Info
TENCENT HOLDINGS LTD 騰訊控股		FIGI BBG000BJ35N5 Classification Internet Media		
6) BI Research Primer BICO » Tencent Holdings Limited operates as an investment holding company. The Company, through its subsidiaries, provides Internet and mobile value-added services (VAS), online advertising, and e-commerce transactions. Tencent Holdings offers services to users worldwide.				
8) Price Chart GP » 		9) Estimates EE »		
Px/Chg 1D (HKD) 382.00/- .31% 52 Wk H (01/14/20) 413.00 52 Wk L (08/29/19) 312.20 YTD Change/% 6.40/1.7% Mkt Cap (HKD) 3,649.1B Shrs Out/Float 9,552.6M/5,744.7M No short interest information available from exchange.		10) Ma Huateng "Pony" Chairman/CEO/Executive Dir... 11) Lau Chi Ping "Martin" Pres/Executive Director 12) Xu Chenye "Daniel" Chief Information Ofcr/Co-F... 12M Tot Ret 11.29% Beta vs HSI 1.26 21) Depository Receipts Active Receipts 13		
12) Dividend DVD » Ind Gross Yield 0.26% 5Y Gr Growth 33.03% Cash 05/17/19 1.00 Round Lot 100		13) Corporate Info 14) www.tencent.com Shenzhen, Guangdong, CN Empls 60,860 (09/30/19)		

- Click the tabs to dive deeper.

GP <GO> | Line Chart

Chart a security's past performance, so you can detect trends and figure out why prices changed.



- Click **Compare** on the red toolbar to contrast your chosen security with a benchmark index, for example.
- Click in the **date fields** top-left to customize the range.
- Click **Last Px** to change to another data series, for example, estimated earnings.
- Click the **Daily** dropdown to pick another periodicity. Click the checkbox and pencil icon next to **Mov Avgs** to add or edit moving averages.

CN <GO> | News

Get the latest news tagged to this security.



- Type key word(s) in the yellow search box top-left to narrow the filter.
- Edit the news sources, date range and language top-right.

HP <GO> | Historical Price Table

See the last price and trading volume for equities.

700 HK Equity		96) Export		97) Settings		Page 1/6 Historical Price Table			
Tencent Holdings Ltd						High	409.40	on	02/11/20
Range	02/11/2019	-	02/11/2020	Period	Daily	Low	316.20	on	10/30/19
Market	Last Price	Volume	Currency	HKD	Average	352.56	16,876,687		
View	Price Table			Net Chg	57.40	16.31%			
Date	Last Price	Volume	Date	Last Price	Volume	Date	Last Price	Volume	
Fr 02/14/20			Fr 01/24/20	385.80	8,050,690	Fr 01/03/20	383.00	15,313,106	
Th 02/13/20			Th 01/23/20	385.60	18,621,253	Th 01/02/20	382.40	13,991,006	
We 02/12/20			We 01/22/20	391.00	18,682,305	We 01/01/20			
Tu 02/11/20	H 409.40	14,384,232	Tu 01/21/20	385.40	24,173,392	Tu 12/31/19	375.60	10,378,526	
Mo 02/10/20	400.60	16,463,493	Mo 01/20/20	396.00	13,282,412	Mo 12/30/19	383.20	14,328,612	
Fr 02/07/20	402.40	14,896,702	Fr 01/17/20	399.00	13,670,846	Fr 12/27/19	384.00	19,180,036	
Th 02/06/20	400.00	17,792,132	Th 01/16/20	400.00	13,770,626	Th 12/26/19			
We 02/05/20	392.20	22,398,578	We 01/15/20	398.80	15,938,138	We 12/25/19			
Tu 02/04/20	393.00	28,433,595	Tu 01/14/20	400.40	26,827,634	Tu 12/24/19	376.80	6,360,485	
Mo 02/03/20	380.00	28,678,448	Mo 01/13/20	406.40	27,570,261	Mo 12/23/19	377.80	11,672,033	
Fr 01/31/20	373.00	20,299,052	Fr 01/10/20	398.60	25,292,041	Fr 12/20/19	375.20	21,656,659	
Th 01/30/20	375.00	24,946,774	Th 01/09/20	390.00	15,946,820	Th 12/19/19	375.60	18,441,112	
We 01/29/20	383.20	31,761,022	We 01/08/20	382.00	15,529,153	We 12/18/19	377.60	31,560,449	
Tu 01/28/20			Tu 01/07/20	385.60	17,686,346	Tu 12/17/19	371.20	32,557,133	
Mo 01/27/20			Mo 01/06/20	377.40	12,123,194	Mo 12/16/19	359.80	19,238,938	

- Choose your preferred periodicity in the **Period** dropdown.
- Note very useful data top-right: the **high, low, average**, plus **net** and **percentage change** for the chosen date range in the yellow boxes top-left. The default is 12 months, but you can change it.

HCP <GO> | Historical Price with % Chg

See the last price, plus net change and percentage, and the same data for trading volume for equities and commodities. The data you get varies slightly for other asset classes, such as currencies and bonds.

CLA Comdty		96) Export		97) Settings		Historical Price with % Chg			
WTI CRUDE FUTURE Mar20						High	63.31	on	04/23/19
Range	02/11/2019	-	02/11/2020	Period	Daily	Low	49.57	on	02/10/20
Market	Last Price	Volume	Currency	USD	Average	56.89	81,851		
View	Price with % Chg			Net Chg	-4.95	-8.97%			
Date	Last Price	Net Change	% Change	Volume	Net Change	% Change			
Tu 02/11/20	50.23	+0.66	+1.33%	51,722	-664,172	-92.78%			
Mo 02/10/20	49.57	-0.75	-1.49%	715,894	-52,451	-6.83%			
Fr 02/07/20	50.32	-0.63	-1.24%	768,345	+17,686	+2.36%			
Th 02/06/20	50.95	+0.20	+0.39%	750,659	-137,287	-15.46%			
We 02/05/20	50.75	+1.14	+2.30%	887,946	+28,589	+3.33%			
Tu 02/04/20	49.61	-0.50	-1.00%	859,357	-16,687	-1.90%			
Mo 02/03/20	50.11	-1.45	-2.81%	876,044	+48,137	+5.81%			
Fr 01/31/20	51.56	-0.58	-1.11%	827,907	+107,784	+14.97%			
Th 01/30/20	52.14	-1.19	-2.23%	720,123	+95,144	+15.22%			
We 01/29/20	53.33	-0.15	-0.28%	624,979	-8,984	-1.42%			
Tu 01/28/20	53.48	+0.34	+0.64%	633,963	-78,917	-11.07%			
Mo 01/27/20	53.14	-1.05	-1.94%	712,880	+126,685	+21.61%			
Fr 01/24/20	54.19	-1.40	-2.52%	586,195	-117,800	-16.73%			
Th 01/23/20	55.59	-1.15	-2.03%	703,995	+83,876	+13.53%			

- Choose your preferred periodicity in the **Period** dropdown.
- Note very useful data top-right: the **high, low, average**, plus **net** and **percentage change** for the chosen date range in the yellow boxes top-left. The default is 12 months, but you can change it.

HCPI <GO> | Historical OHLC with % Chg

See the **O**pen, **H**igh, **L**ow and **C**lose, with **percent changes** for all.

700 HK Equity		%) Export		97) Settings		Historical OHLC with % Chg			
Tencent Holdings Ltd						High	413.00	on	01/14/20
Range						Low	312.20	on	08/29/19
View						Average	352.562		
OHLC with % Chg						Net Chg	57.80		16.42%
Date	Close & Open	Net Change	% Change	High & Low	Net Change	% Change			
Tu 02/11/20	Close 409.80	+9.20	+2.30%	High 410.00	+9.40	+2.35%			
	Open 405.00	+4.40	+1.10%	Low 403.60	+3.00	+0.75%			
Mo 02/10/20	Close 400.60	-1.80	-0.45%	High 401.00	-1.40	-0.35%			
	Open 395.60	-6.80	-1.69%	Low 395.00	-7.40	-1.84%			
Fr 02/07/20	Close 402.40	+2.40	+0.60%	High 402.40	+2.40	+0.60%			
	Open 399.20	-.80	-0.20%	Low 394.60	-5.40	-1.35%			
Th 02/06/20	Close 400.00	+7.80	+1.99%	High 400.00	+7.80	+1.99%			
	Open 398.00	+5.80	+1.48%	Low 392.20	+1.00	+0.00%			
We 02/05/20	Close 392.20	-.80	-0.20%	High 400.00	+7.00	+1.78%			
	Open 400.00	+7.00	+1.78%	Low 387.40	-5.60	-1.42%			
Tu 02/04/20	Close 393.00	+13.00	+3.42%	High 393.60	+13.60	+3.58%			
	Open 390.00	+10.00	+2.63%	Low 384.80	+4.80	+1.26%			
Mo 02/03/20	Close 380.00	+7.00	+1.88%	High 383.20	+10.20	+2.73%			
	Open 378.00	+5.00	+1.34%	Low 369.60	-3.40	-0.91%			
Fr 01/31/20	Close 373.00	-2.00	-0.53%	High 384.80	+9.80	+2.61%			

- Choose your preferred periodicity in the **Period** dropdown.
- Note very useful data top-right: the **high, low, average**, plus **net** and **percentage change** for the chosen date range in the yellow boxes top-left. The default is 12 months, but you can change it.

Equity-specific functions

FA <GO> | Financial Analysis

Comprehensive financial information, including historical fundamental data and future estimates.

12 Months Ending	2019 Y*	2018 Y	2017 Y	2016 Y	2015 Y	5A AvgGr
Total Assets						
Cash, Cash Equivalents & STI	10,030.0	8,564.0	9,992.0	10,029.0	12,052.0	-4.45
Growth (YoY)	17.1	-14.3	-0.4	-16.8	-7.9	-761.42
Cash & Cash Equivalents	9,485.0	7,637.0	8,813.0	8,801.0	11,302.0	-2.96
Growth (YoY)	24.2	-13.3	0.1	-22.1	-3.7	
ST Investments	545.0	927.0	1,179.0	1,228.0	750.0	-9.53
Growth (YoY)	-41.7	21.4	4.6	6.7	-44.8	87.00

- Click the tabs for more detailed information on the balance sheet, income statement, cash flow, ratios and more.

OWN <GO> | Ownership Summary

Information on institutional and insider holders whose trading activity may influence the price. Identify holder groups that have the most securities, analyze which holders have large buying and selling positions, and which investors are building or unwinding positions. Trace ownership by type, geography, investment objective.

Holder Name	Portf..	Source	Opt	Position	% Out	Latest Chg	File Dt
1. Vanguard Group Inc/The		ULT-AGG		331,132,509	7.57	-7,401,479	09/30/19
2. BlackRock Inc		Research		280,191,416	6.40	-1,264,405	09/30/19
3. Berkshire Hathaway Inc		ULT-AGG		254,564,750	5.82	0	09/30/19
4. State Street Corp		ULT-AGG		184,232,445	4.21	-2,852,971	09/30/19
5. FMR LLC		ULT-AGG		97,406,467	2.23	-644,184	09/30/19
6. Geode Capital Management LLC		GEOD... 13F		61,692,344	1.41	-54,421	09/30/19
7. Northern Trust Corp		NORT... 13F		55,695,293	1.27	-3,271,107	09/30/19
8. Norges Bank		NORG... 13F		47,548,838	1.09	-588,569	12/31/18

- Click the **Current** tab – equivalent to **HDS | Security Ownership** – to see current institutional and individual holders. Expand the institutions to drill into mutual funds. Uncover trading strategies from ownership details, such as the amounts held, percentages of shares outstanding, and latest holdings changes.
- Click **Historical** to study a holder's investment in the security over previous quarters. Trace patterns of ownership, estimated holding periods, current market values, and cost-basis calculations.
- Click **Debt** to see the company's creditors. Filter by asset class, currency of the debt, coupon, maturity, etc.

EE <GO> | Earnings & Estimates

Aggregates broker earnings projections, surprise earnings data, and earnings history to give you a comprehensive snapshot of earnings estimates. Scan current metrics and estimates including Bloomberg's customizable consensus estimates (BEst), pricing data, and earnings.

700 HK Equity | Alert | 98) Contact IR | **Earnings & Estimates**

Tencent Holdings Ltd | Periodicity: **Annuals** | Source: Standard | Cur: CNY

1) Earnings History | ERN »
 Next Announcement (E) 03/23/20
 Prior Announcement 11/13/19
 Avg/Implied 1 Day Move 2.49% / 0.90%

2) Consensus Overview | EEO »
 Trailing 12M P/E 37.18
 Forward 12M P/E 34.21
 Est. LTG (EPS) 20.79%

3) Analyst Coverage | ANR »
 Buy/Hold/Sell 49/8/0
 Current Price (HKD) 379.80
 Target Price (HKD) 420.64

4) Consensus Overview | EEO »

Measure	Yr/19 Est	4Wk Chg	YoY Gr Growth vs Comps	Past Surprise
11) EPS, Adj+	9.872	-0.29%	21.9% In-line	Beat 5 of 8
12) EPS, GAAP	9.899	0.44%	18.8% Stronger	Missed 5 of 8
13) Revenue	375.553B	-0.16%	20.1% In-line	Beat 5 of 8
14) Net Income, Adj+	94.350B	-0.49%	21.8% Stronger	Beat 6 of 8
15) Operating Profit	118.473B	0.05%	--	--
16) EBITDA	134.291B	2.34%	21.6% Stronger	Missed 6 of 7

5) Earnings Trends | EM »
 6) Bloomberg Intelligence Review | BI »
 Tencent Profit Growth Quickens; Ads Improving; Earnings Outlook
 Post-3Q Earnings Outlook: Tencent may deliver faster profit growth as it curtails promotion costs effectively, and expands its fintech, social-ad and international-games businesses. Non-IFRS 3Q net profit growth of 24% is the fastest since 1Q18, as ad expenses fell

7) Earnings Estimates Graph | EEG »

- Click any data point to get a breakdown of current and past statistics. See how the data was derived, along with a list of suggested functions to continue your analysis.
- Click **ERN | Earnings History, EEO | Consensus Overview, ANR | Analyst Coverage, EEO | Consensus Overview** for related screens that go into more detail. **ANR <GO> Analyst Recommendations** tracks the latest analyst sentiment and over time and the performance of analyst recommendations. See lists of analysts' recommendations, price targets, price target time periods, and the consensus rating.

RV <GO> | Relative Value

Benchmark performance against peer groups, as classified by Bloomberg Intelligence, the Bloomberg Industry Classification Standard (BICS), or a range of external classification systems.

APPLE INC Equity | RV | Related Functions Menu

AAPL US \$ p ↑ 254.50 +2.73% | K254.50 / 254.79K | 5x5
 On 30 Mar | Vol 41,994,110 | O 250.74X | H 255.52Z | L 249.40D | Val 10.603B

Relative Valuation

Segment	Revenue %	Metric	AAPL	Low	Comp Range	High
Whole Firm	100%	Est P/E Current ...	19.78	11.25	11.25 - 84.37	84.37
Communications Equip...	55%	Price/Sales Ratio	4.30	0.64	0.64 - 22.58	22.58
Computer Hardware & ...	18%	Sales Growth Yo...	-2.04	-5.48	-5.48 - 30.81	30.81
E-Commerce Discretio...	18%	EBITDA Margin (...)	29.39	3.43	3.43 - 45.62	45.62
Other Hardware	9%	Gross Margin (%)	37.82	8.38	8.38 - 63.00	63.00

Overview | Comp Sheets | Markets | EPS Preview | Ownership | Credit | Custom

Name (BICS Best Fit)	Mkt Cap (USD)	Last Px	Chg Pct 1D	Chg Pct 1M	Rev - 1 Yr Gr:Y	EPS - 1 Yr Gr:Y	P/E	ROE	Dvd 12M Yld
Median	15.92B	11.45	0.14%	-11.90%	6.11%	1.96%	21.62	14.10%	1.04%
Average	147.80B	37.92	0.87%	-9.09%	9.48%	-1.03%	30.18	20.07%	1.47%
100) APPLE INC	1.11T	254.81	2.85%	-6.79%	-2.04%	0.20%	20.14	55.45%	1.21%
101) SAMSUNG ELECTRONICS ...	233.74B	39.16	-0.21%	-11.90%	-5.48%	-51.09%	15.08	7.58%	2.22%
102) WINGTECH TECHNOLOGY...	15.92B	14.16	-2.24%	-27.90%	2.48%	-63.13%	77.50	23.04%	--
103) ZTE CORP-A	25.55B	6.03	0.14%	-14.46%	6.11%	--	34.88	3.53%	--
104) UNIVERSAL SCIENTIFIC ...	4.86B	2.23	-0.44%	-26.51%	12.94%	11.89%	27.22	13.41%	1.04%
105) YEALINK NETWORK TECH...	6.87B	11.45	0.93%	-22.10%	30.81%	35.32%	46.38	30.85%	0.74%
106) FOXCONN INDUSTRIAL L...	37.00B	1.86	3.12%	-22.60%	-1.61%	1.96%	13.89	22.73%	0.98%
107) FIBERHOME TELECOM TE...	5.45B	4.66	0.03%	10.17%	15.10%	-1.16%	45.83	8.15%	1.03%
108) CISCO SYSTEMS INC	170.99B	40.32	3.86%	0.98%	5.22%	24.24%	14.21	32.10%	3.47%

(Accounting Adjustments: Adjusted for Abnormal Items When Applicable) | Analyze List

MGMT <GO> | Company Management

See who runs a company and find details on executives, board, committees, changes. Find out how a company performed during the tenure of top executives, past and present.

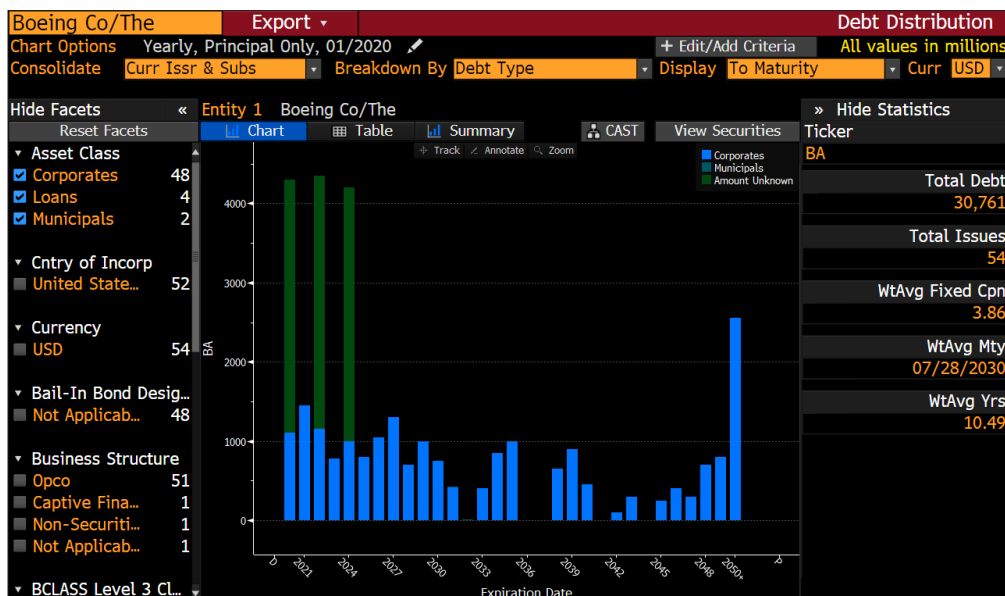
BA US Equity		Alerts		Company Management							
81) Executives		82) Board		83) Committees		84) Changes		85) Cross Boarding		86) Summary	
Boeing Co/The			88) Compensation								
● Main			● Show Career Histories			● Show Performance Data			● Show Management History		
Name	Age	Start	End	Tenure	% TRA	% Peer TRA					
Executive Chairman											
1) Dennis A Muilenburg	56 *	03/01/2016	10/11/2019	3.6	40.47	16.58					
2) W James McNerney Jr	70	07/2015	02/29/2016	0.6	-20.52	-17.31					
3) Philip Condit	78	02/1997	12/01/2003	6.8	-3.46	5.77					
Executive Vice Chairman											
4) Raymond L Conner "Ray"	64 *	11/2016	12/31/2017	1.1	92.63	28.66					
5) Raymond L Conner "Ray"	64 *	12/31/2013	07/01/2015	1.6							
6) Harry C Stonecipher	83	05/2001	06/2002	1.1	-29.44	9.08					
Co-Vice Chairman											
7) Dennis A Muilenburg	56 *	12/31/2013	07/01/2015	1.6	4.53	28.98					
President											
8) David L Calhoun "Dave"	62	01/13/2020		0.0							

*Approximate Age

- Load an equity > from the main **Related Functions Menu** > click the **Company Overview** subcategory > **MGMT <GO> Company Management**
- Select **Show Management History** to see which executives delivered the best returns to shareholders and how their performance stacked up against their industry peers.
- Click **Compensation** to see whether executive and board member compensation is aligned with a company's success.

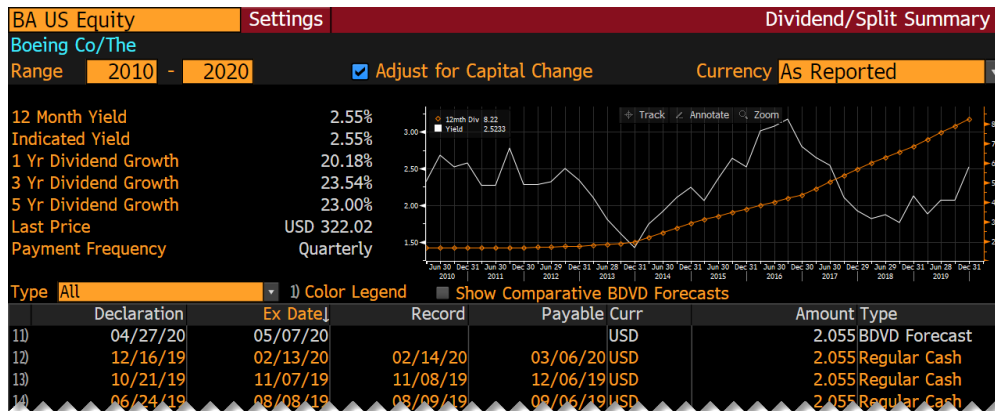
DDIS <GO> | Debt Distribution

Load an equity > from the main **Related Functions Menu** > click the **Company Overview** > **DDIS | Debt Distribution** to display the maturity distribution of outstanding debt and analyze the debtor's ability to meet obligations. Display outstanding debt (bonds, loans, or both) by maturity, payment rank, coupon type, redemption type, or loan type, and choose the issuing entities, and the type of bond and/or loans included in the analysis.



DVD | Dividend/Split Summary

Load an equity > from the main **Related Functions Menu** > click the **Company Overview** > under **Capital Markets & Corp Actions** > click **DVD | Dividend/Split Summary** to display a history of a company's distributions to assess its commitment to pay dividends and spot investment opportunities. The history includes cash dividends and other distributions, such as stock splits.



Tip

Click the projection for more detail in the related function **BDVD <GO> | Bloomberg Dividend Forecasts**.

Bond-specific functions

First, how to find corporate bonds, say for Coca-Cola:

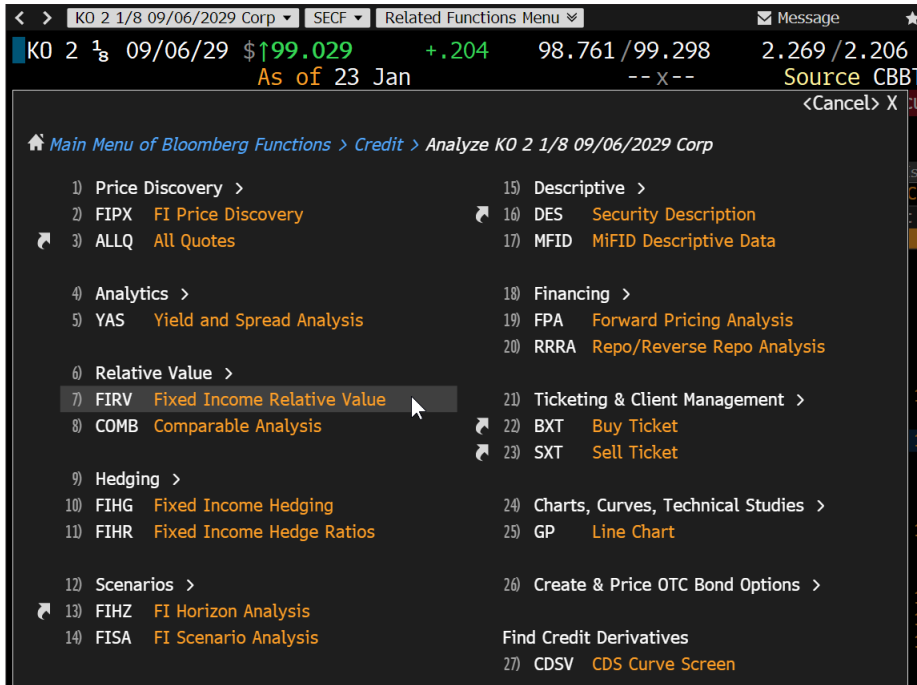
- Type **"Coca Cola"** in the command line:

The screenshot shows a search dropdown menu for 'COCA COLA'. It is divided into two sections: 'FUNCTIONS' and 'SECURITIES'. The 'FUNCTIONS' section includes options like 'SEARCH COCA COLA', 'BIO MUHTAR KENT', 'BIO JAMES R QUINCEY', 'BIO BARRY DILLER', 'BIO ANA BOTIN', 'IP', 'N COCA COLA', 'SEARCH COCA COLA EPS', and 'SEARCH COCA COLA DESCRIPTION'. The 'SECURITIES' section includes 'KO US Equity', 'KOF Corp', 'KO Corp', 'CCH LN Equity', and 'CCEP US Equity'. Each option is followed by a brief description and a ticker symbol.

- In the autocomplete dropdown, click **KO Corp** ("Corp" signifies bond(s) and "Equity" signifies stock) to launch a filter of all Coca-Cola's bonds in another function, **SECF <GO>**:

The screenshot shows the Bloomberg Security Finder interface. At the top, it displays '<Search>' with '98) Export' and '1-19 of 99 results'. The 'Category' is set to 'Fixed Income'. Below this, there are tabs for different security types: Corp, Govt, Loan, Pfd, CDS, CDS Idx, Muni, Futr, Opt, IRS, IRS Vol, Gen Govt, and Muni Issuer. The 'Corp' tab is selected. The main area shows a table of bonds with columns for 'R', 'Issue Date', 'Tic...', 'Name', 'Ask Y...', 'Coupon', 'Maturity', 'Amt Issued(M...)', and 'Amt Out(M... Seri...'. The table lists 13 bonds, with the 9th bond (KO) highlighted: '09/06/2019 KO Coca-Cola Co/The 2.206 2.125 09/06/2029 1000.00 1000.00'.

- Alternative method: load the stock by clicking **KO US Equity** > then type **RELS + <GO>** to see the **Related Securities** page or function > click **Bonds & Generic Tickers**.
- Click the bond you want. The relevance indicator on the left typically shows the most commonly watched security. In this case, Coca-Cola's 2.125% yielding bond maturing September 6, 2029. Let's click that one.

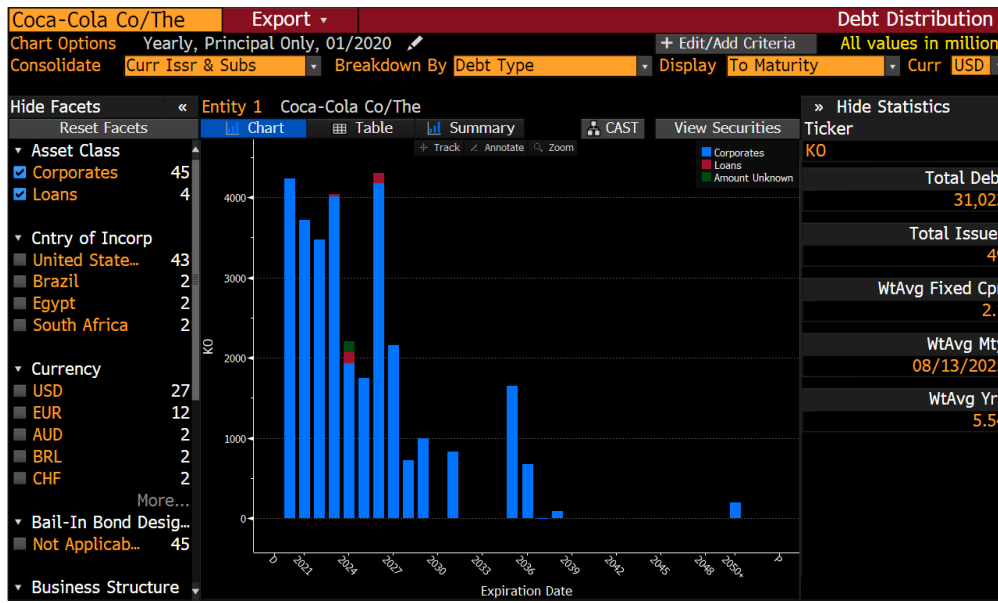


Tip

Note the so-called **Quote Line** at the top of the screen identifies the bond by the ticker ("KO"), coupon ("2 1/8", in fraction format as is common in the U.S.) and maturity date (09/06/29). The dropdown menu reveals the data, research and news pages offered for corporate bonds, including the standard options such as **DES** and **GP**.

DDIS <GO> | Debt Distribution

Load a bond > from the main **Related Functions Menu** > click the white **Descriptive** category heading > click **DDIS | Debt Distribution**.



- Display the maturity distribution of outstanding debt and analyze the debtor's ability to meet obligations.
- Display outstanding debt (bonds, loans, or both) by maturity, payment rank, coupon type, redemption type, or loan type, and choose the issuing entities, and the type of bond and/or loans included in the analysis.

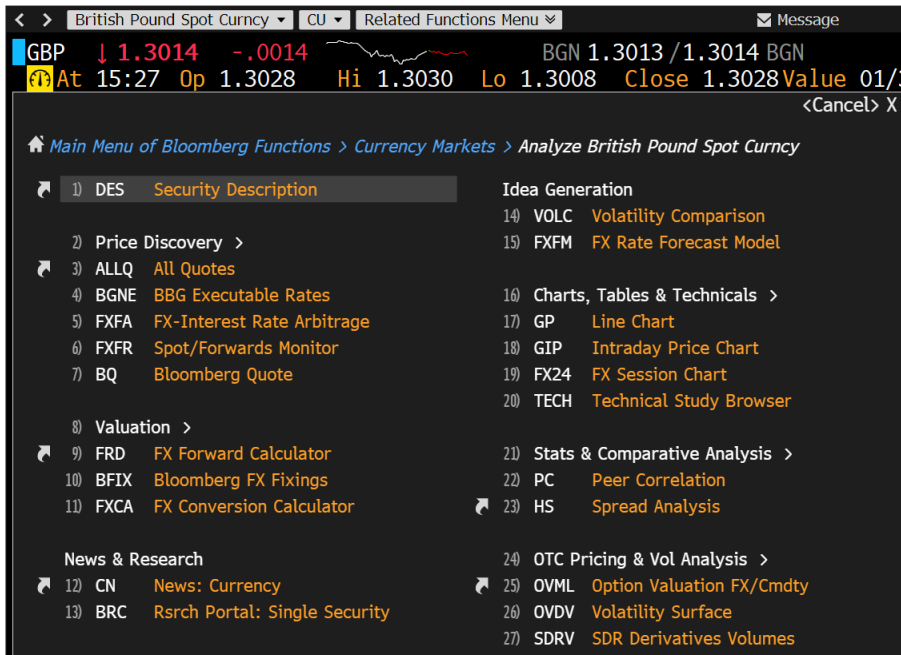
Load a bond > from the main **Related Functions Menu** > under the **Ratings Functions** category > click **CRPR | Credit Rating Profile**.



- Display current and historical credit ratings from ratings agencies on one screen to analyze the issuer's credit worthiness.

Currency-specific functions

Type, for example, "pound" and click **GBP Currency** in the autocomplete dropdown.



- Note the data, research and news pages offered for currencies, including the standard options such as DES, GP and CN.
- Among those, try **FXFR | Spot/Forwards Monitor**: Analyze spot and forward exchange rates for a selected currency pair.

Commodities-specific functions

Type "crude oil" in the command line and click **CLA Comdty** to see the menu for the active crude oil contract.

The screenshot displays the Bloomberg terminal interface for the 'Generic 1st 'CL' Future Comdty' contract. The top bar shows the contract symbol 'CL1' with a price of 54.01, a change of +.53, and a volume of 43888. The main menu is titled 'Main Menu of Bloomberg Functions > Commodity Markets > Analyze Generic 1st 'CL' Future Comdty'. The menu items are as follows:

Section	Item	
Descriptive Information	1) DES Security Description	
	2) CT Futures Contract Table	
	3) QR Trade/Quote Recap	
	4) QRM Trade/Quote Recap	
	5) EXS Expiration Schedule	
	6) FLDS Data Field Finder	
Commodity Derivatives	7) OVML Option Valuation FX/Comdty	
	8) OVDV Volatility Surface	
	9) OMON Option Monitor	
	10) BTM Block Trade Monitor	
	11) MARS Multi Asset Risk System	
News	12) CN News: Commodity	
Stats & Comparative Analysis	13) Stats & Comparative Analysis >	
	14) HS Spread Analysis	
	Charts, Tables & Technicals >	15) Charts, Tables & Technicals >
		16) GP Line Chart
17) GIP Intraday Price Chart		
18) SEAG Seasonality Chart		
19) CCRV Commodity Curve Analysis		
20) TECH Technical Study Browser		
Create Indices, Curves & Alerts	21) CIX Custom Index Library	
	22) CCCB Custom Curve Builder	
	23) ALRT Alerts Manager	
Ticketing	24) BXT Buy Ticket	
	25) SXT Sell Ticket	

- Note the data, research and news pages offered for currencies, including the standard options such as DES, GP and CN.
- Among those, try **CT | Futures Contract Table** to monitor New York crude oil futures trading, including price, volume and open interest, for contracts through the next decade.

Relative-value functions: Compare equities worldwide

Press the yellow **Equity (F8)** key and hit **<GO>** for an overview menu.

EVTS <GO> | Events Calendar

Display a calendar of corporate events and corresponding details, including transcripts and audio recordings.

Company Name	Description	Date	Time Resources
1) Matsui Securitie...	E Q3 20 (Par) A:6.21 E:-- S:-- G...	C 01/27/20	07:20
2) Evraz PLC, Nippo...	Third Bridge: Evraz & the Nor...	01/27/20	
3) LG Chem Ltd, Pa...	Third Bridge: EV Battery Secto...	01/27/20	
4) Nitto Denko Corp	E Q3 20 (Cons) A:86.20 E:111.72...	C 01/27/20	15:00
5) Matsui Securitie...	Q3 20 Call Access Details Unav...	01/28/20	12:30
6) M3 Inc	E Q3 20 (Cons) A:9.97 E:11.055 ...	C 01/28/20	14:00
7) Shin-Etsu Chemi...	E Q3 20 (Cons) A:196.78 E:190.1...	C 01/28/20	14:00
8) Sony Corp, Micro...	Third Bridge: Panel Discussion...	01/29/20	
9) Hino Motors Ltd	Q3 20 Call Access Details Unav...	01/29/20	14:05
10) CyberAgent Inc	Q1 20 Webcast only: https://w...	01/29/20	15:00
11) Omron Corp	Q3 20 Call Access Details Unav...	01/29/20	15:00
12) CyberAgent Inc	Q1 20 Webcast only: https://w...	01/29/20	15:00
13) Hitachi Construc...	Q3 20 Webcast only: http://se...	01/29/20	15:30
14) Hitachi Construc...	Q3 20 Webcast only: https://w...	01/29/20	15:30
15) SCREEN Holdings...	Q3 20 Call Access Details Unav...	01/29/20	16:30
16) SCREEN Holdings...	E Q3 20 (Cons) A:50.27 E:118.91...	C 01/29/20	
17) NEC Corp	Q3 20 Webcast only: http://w...	01/29/20	
18) NEC Corp	E Q3 20 (Cons) A:77.18 E:65.920...	C 01/29/20	
19) Advantest Corp	E Q3 20 (Cons) A:60.21 E:36.742...	C 01/29/20	
20) Canon Inc	E Y 19 (Par) A:84.27 E:-- S:-- G...	C 01/29/20	
21) Canon Inc	E Y 19 (Cons) A:116.93 E:134.78...	C 01/29/20	
22) Hino Motors Ltd	E Q3 20 (Cons) A:19.81 E:23.140...	C 01/29/20	

WEI <GO> | World Equity Indices

Monitor global equity markets in one page: performance, indexes, ratios, volume.

News ▾ Settings		World Equity Indices									
EMEA ▾	Movers	Volatility	<input checked="" type="checkbox"/> Ratios	Futures	Δ AVAT	100D ▾	%Chg YTD ▾	SGD ▾			
1) Americas	2Day	Value	Net Chg	%Chg	Time	P/E	Est FY1	Est FY2	DvYld	%YtdCur	
11) DOW JONES		28722.85	+187.05	+0.66%	01/28 c	19.44	17.56	15.79	2.22	+1.66%	
12) S&P 500		3276.24 d	+32.61	+1.01%	01/28 c	21.69	18.80	16.97	1.80	+2.43%	
13) S&P/TSX Comp		17500.88 d	+58.36	+0.33%	01/28 c	17.96	15.53	14.31	2.97	+2.19%	
14) IBOVESPA		116478.98 d	+1997.13	+1.74%	01/28 c	18.50	13.76	12.64	2.92	-2.27%	
2) EMEA											
21) Euro Stoxx 50		3719.22	+41.38	+1.13%	01/28 c	19.92	14.39	13.27	3.30	-1.55%	
22) FTSE 100		7480.69	+68.64	+0.93%	01/28 c	18.09	13.39	12.59	4.70	-1.68%	
23) CAC 40		5925.82 d	+62.80	+1.07%	01/28 c	20.44	14.66	13.56	3.08	-1.73%	
24) DAX		13323.69	+118.92	+0.90%	01/28 c	24.74	14.35	12.78	2.97	-0.31%	
25) IBEX 35		9484.20 d	+117.90	+1.26%	01/28 c	15.42	12.32	11.71	4.23	-1.54%	
26) FTSE MIB		24027.63	+611.50	+2.61%	01/28 c	14.47	11.85	10.97	4.07	+1.33%	
27) AEX		602.96 d	+4.27	+0.71%	01/28 c	17.76	16.24	14.71	3.29	-1.13%	
28) OMX STKH30		1786.35	+14.88	+0.84%	01/28 c	15.38	16.51	15.34	3.78	-0.93%	
29) SWISS MKT		10781.98 d	+106.02	+0.99%	01/28 c	25.29	16.98	15.67	2.90	+1.80%	
30) RTS \$		1575.49	+3.26	+0.21%	15:54	6.93	6.88	6.47	6.35	+2.74%	
3) Asia/Pacific											
31) NIKKEI		23379.40	+163.69	+0.71%	14:15 c	18.74	17.84	16.60	1.91	-0.60%	
32) HANG SENG		27151.50	-798.14	-2.86%	15:54	10.59	10.26	9.48	3.65	-2.48%	
33) CSI 300		4003.90	-128.03	-3.10%	01/23 c	14.22	11.63	10.34	2.09	-0.53%	
34) S&P/ASX 200		7031.52	+37.07	+0.53%	14:27 c	20.79	18.62	17.92	4.10	+2.34%	

MOST <GO> | Most Active Securities

Find the biggest gainers and losers, most-traded by value, highest volume changes, stocks at a 52-week high or low and other outliers.

Equity Index ▾ NKY ▾		Actions ▾	Export ▾	Settings ▾	Most Active Securities		
Hide Options <<	Volume	Chg Up	Chg Down	Value	Δ AVAT	52Wk Highs	52Wk Lows
Security Type	Security	Last	%Chg	Value	Val 5'	News (As of 16:10:40)	
All Securities	1) SoftBank Group...	4692	+2.24%	58.49B	0.00	Line Reports Wider Operating Los...	
Sector	2) Fast Retailing ...	59410	+1.23%	38.67B	0.00	香港財華網：迅銷關閉內地130間U...	
All Sectors	3) Sony Corp	7835	+0.80%	36.43B	0.00	Sunday Mirror: PlayStation 5 tra...	
Market Cap	4) Tokyo Electron ...	24780	+2.10%	29.89B	0.00	Yahoo!ニュース：話題株ピックアップ...	
0 - Unlim.	5) Toyota Motor C...	7766	+0.25%	27.88B	0.00	中国で132人死亡、感染6000人弱...	
Exchanges	6) Shiseido Co Ltd	7229	-0.01%	20.96B	0.00	みんなかぶ：【買い】資生堂(4911)...	
Use Composite	7) Mitsubishi UFJ ...	568	+0.30%	19.18B	0.00	野村HDが中国からの帰国者に2...	
Regular Market	8) Advantest Corp	6060	-1.62%	18.85B	0.00	Advantest Boosts FY Oper. View 2...	
Period	9) Shin-Etsu Chem...	12515	+1.87%	16.60B	0.00	株どこみる：信越化の半導体シリ...	
Trailing 5'	10) SUMCO Corp	1788	+0.62%	16.58B	0.00	SUMCO株が続落、今期大幅減...	
Today	11) Yaskawa Electr...	3955	+2.06%	15.29B	0.00	Yahoo!ニュース：話題株ピックアップ...	
Previous Day	12) Honda Motor Co...	2902.5	+1.88%	15.07B	0.00	新型肺炎で中国全土での自動車生...	
Security Display	13) Takeda Pharma...	4314	+0.98%	14.26B	0.00	Exelixis Announces Partner Take...	
Name	14) Sekisui House ...	2408	-1.35%	14.21B	0.00	Kabutan：【特報】寄前【成行注文...	
Percent	15) FANUC Corp	19900	+0.61%	14.00B	0.00	Fanuc Boosts Outlook, Still Below...	
Net	16) Mitsubishi Estat...	2185.5	-1.71%	13.31B	0.00	三菱地所【8802 JP】：訂正発行登...	
Historical Performance	17) M3 Inc	3235	+2.70%	13.21B	0.00	M3 Inc. : Company Presentation ...	
	18) KDDI Corp	3285	+0.46%	12.64B	0.00	Yahoo!ニュース：KDDIも参戦、スーパ...	
	19) Recruit Holding...	4359	+1.14%	11.86B	0.00	MSN お金：前日に動いた銘柄 part...	
	20) Sumitomo Mits...	3886	+0.62%	11.52B	0.00	野村HDが中国からの帰国者に2...	
	21) ITOCHU Corp	2573.5	+0.51%	10.70B	0.00	サンケイビジネス：伊藤忠にみる...	

IPO <GO> | Equity Offerings

Monitor equity offerings by stage, region, industry and other criteria, analyze offering activity and performance, and identify investment opportunities. Define custom search and filter criteria, so you can quickly find the deals that match your investment and analysis objectives.

Search		95) Advanced Search	96) Actions	97) Settings	Equity Offerings			
<input checked="" type="checkbox"/> IPO	<input checked="" type="checkbox"/> Addl	<input type="checkbox"/> Rights	Announced	Last 12 Months	Deals 7,649	Currency USD		
Click on any stage, region, or industry to filter by that criteria.								
16:12:13								
1) Overview 2) Breakdown 3) Advisers 4) Deal List 5) Time Series 6) Calendar								
Offer Stage		Geographic Breakdown			Industry Breakdown			
Stage	Value	Count	Region	Value	Perf. (%)	Industry		
Announced	682.13B	7,649	Global	682.13B	19.3 ↑	All		
1) Pending	102.98B	1,738	21) North America	251.03B	15.6 ↑	51) Financial		
2) Priced	554.13B	6,170	22) Asia	237.12B	25.0 ↑	52) Consumer Ncycl		
3) Trading	549.47B	5,657	23) Europe	117.79B	16.9 ↑	53) Energy		
4) Postponed	7.50B	20	24) Latin America & Car...	38.87B	33.5 ↑	54) Communications		
5) Withdrn/Rej	22.18B	234	25) Middle East & Africa	37.32B	8.8 ↑	55) Industrial		
6) Upcoming	6.79B	57				56) Technology		
						682.13B 19.3 ↑		
						210.76B 13.0 ↑		
						145.89B 25.1 ↑		
						56.44B 6.8 ↑		
						56.25B 12.2 ↑		
						52.50B 21.8 ↑		
						50.92B 49.6 ↑		
Top Deals								
			Sort by Largest Size Most Recent Upcoming					
Announced	Issuer Name	Size (M)	Type	S	Offer Price	Last Close	Perf. (%)	Last Price
11/03/2019	Saudi Arabian Oil Co	29,438.43	IPO	T	32.00	34.25	7.0	--
11/13/2019	Alibaba Group Holding Ltd	12,923.16	IPO	T	176.00	214.60	21.9	207.40
06/17/2019	Budweiser Brewing Co APAC Ltd	9,759.70	IPO	W	--	24.70	--	24.25
04/11/2019	Uber Technologies Inc	8,100.00	IPO	T	45.00	37.01	-17.8	37.01
09/18/2019	Budweiser Brewing Co APAC Ltd	5,756.13	IPO	T	27.00	24.70	-8.5	24.25
06/28/2019	Postal Savings Bank of China C	4,764.07	IPO	T	5.50	5.67	3.1	5.67
01/21/2020	Petroleo Brasileiro SA	4,661.69	ADDL	PD	--	30.50	--	30.50
10/25/2019	Beijing-Shanghai High Speed Ra	4,341.24	IPO	T	4.88	7.05	44.5	7.05
08/28/2019	Recruit Holdings Co Ltd	3,530.56	ADDL	T	3,079.00	4,359.00	42.7	4,359.00
03/28/2019	AstraZeneca PLC	3,510.31	ADDL	T	6,050.00	7,651.00	26.5	--

MA <GO> | Mergers & Acquisitions

Track and analyze mergers and acquisitions data, keep abreast of transactions in various regions and sectors, and easily filter for deals by criteria such as deal type, size, and adviser.

Search		91) Advanced Search	92) Actions	93) Settings	Mergers & Acquisitions		
<input checked="" type="checkbox"/> M&A	<input checked="" type="checkbox"/> Investment	<input checked="" type="checkbox"/> Other	Date Range	Year-to-Date		Currency USD	
Click on a Deal Status, Region or Industry to filter by that criteria.							
# of Deals 3,255							
1) Overview 2) Deal Breakdown 3) Capital Flow 4) League Table 5) Deal List 6) Buyer List 7) Time Series							
Deal Status Breakdown		Geographic Breakdown			Industry Breakdown		
Current Status	Value	Count	Target Region	Value	YoY(%)	Target Industry	
All	168.1B	3,255	All	168.1B	-46.9 ↓	All	
1) Pending	124.8B	1,007	21) North America	87.0B	-56.3 ↓	51) Financial	
2) Completed	43.3B	2,248	22) Asia Pacific	40.0B	-39.3 ↓	52) Industrial	
			23) Europe	37.7B	31.2 ↑	53) Technology	
			24) Middle East & Africa	3.3B	-79.7 ↓	54) Consumer Cycl	
			25) LATAM & Caribbean	1.8B	-76.1 ↓	55) Consumer Ncycl	
						7.8B -22.0 ↓	
						26.9B 113.8 ↑	
						26.5B -52.5 ↓	
						20.5B 0.5 ↑	
						18.2B -84.5 ↓	
Deal List							
			Sort by Recent Largest				
M	Type	Ann Date	Target	Acquirer	Value	Payment Type	Status
101)	M&A	01/22/20	CapitaLand Commercial Trust	CapitaLand Mall Trust	7.8B	Cash and Stock	Pending
102)	M&A	01/12/20	Hexcel Corp	Woodward Inc	7.5B	Stock	Pending
103)	M&A	01/23/20	Axel Springer SE	KKR & Co Inc	6.0B	Cash	Pending
104)	M&A	01/13/20	Plaid Technologies Inc	Visa Inc	5.3B	Cash	Pending
105)	M&A	01/09/20	Veeam Software Corp	Insight Venture Partners LP	5.0B	Cash	Pending
106)	M&A	01/14/20	Multiple Targets	Multiple acquirers	4.6B	Cash	Pending
107)	M&A	01/22/20	Duff & Phelps LLC	Multiple acquirers	4.2B	Cash	Pending
108)	M&A	01/13/20	Anixter International Inc	WESCO International Inc	4.1B	Cash and Stock	Pending
109)	M&A	01/27/20	CenterState Bank Corp	South State Corp	3.6B	Stock	Pending
110)	M&A	01/21/20	Hydraulics business/Eaton Cor...	Danfoss A/S	3.3B	Cash	Pending
111)	M&A	01/28/20	Delphi Technologies PLC	BorgWarner Inc	3.2B	Stock	Pending

EQS <GO> | Equity Screening

EQS allows you to screen for companies that meet a customized set of criteria so you can generate investment ideas, create lists of securities to follow, and validate your trade ideas by seeing how they performed historically.

Equity Screening
As Of 01/29/2020

My Recent Screens	Screening Criteria	Matches	
11) Greater China Tech ...	31) Exchanges	1232921	
12) Malaysia Top 100	32) Sectors	431375	⊗
13) World 200	33) Country of Domicile	91382	⊗
14) Asia 500	34) Indices	4082	⊗
15) Asia 1000	35) Portfolios/Monitors	1083	ⓘ ⊗
16) World 50	45) More Categories	764	ⓘ ⊗
17) World 100		764	ⓘ ⊗
18) BWORLD Top 2000		764	ⓘ ⊗
19) Australia 500		764	ⓘ ⊗
20) All Saved Screens		764	ⓘ ⊗
Popular Screens			
21) Global Infrastructure	51) Trading Status: Active	764	ⓘ ⊗
22) High CDS Spreads	52) Security Attributes: Show Primary Security of company only	764	ⓘ ⊗
23) Insider Buyers	53) Exchanges: Japan	764	ⓘ ⊗
24) Quality Screen	54) Latest FY Cash From Operations > 5000 Million	764	ⓘ ⊗
25) SZSE SEHK Northbou...	55) Latest FY Income (Loss) from Continuing Operations > 5000 Million	764	ⓘ ⊗
26) Value Screen	56) Latest FY Total Assets > 5000 Million	764	ⓘ ⊗
30) More Screens	57) ACCRUAL	764	ⓘ ⊗
	58) ACCRUAL RATIO	764	ⓘ ⊗
	59) Add screening criteria		

[See Results](#) | [WATC](#) >

Commodities

Press the yellow **Comdty (F9)** key and hit **<GO>** for an overview menu.

The links on the left and top-right offer data, research and analysis on commodities in general. For links on more specific commodity categories, for example coal, click one of the links marked with the yellow box in the image.



GLCO <GO> | Global Commodity Prices

Track global commodities, identify leading/lagging movers, using live price and volume data for the energy, metals and agriculture sectors.

CPLY <GO> | Commodity Playbook

Display the top 20 perennial commodity plays for oil, agriculture and metals.

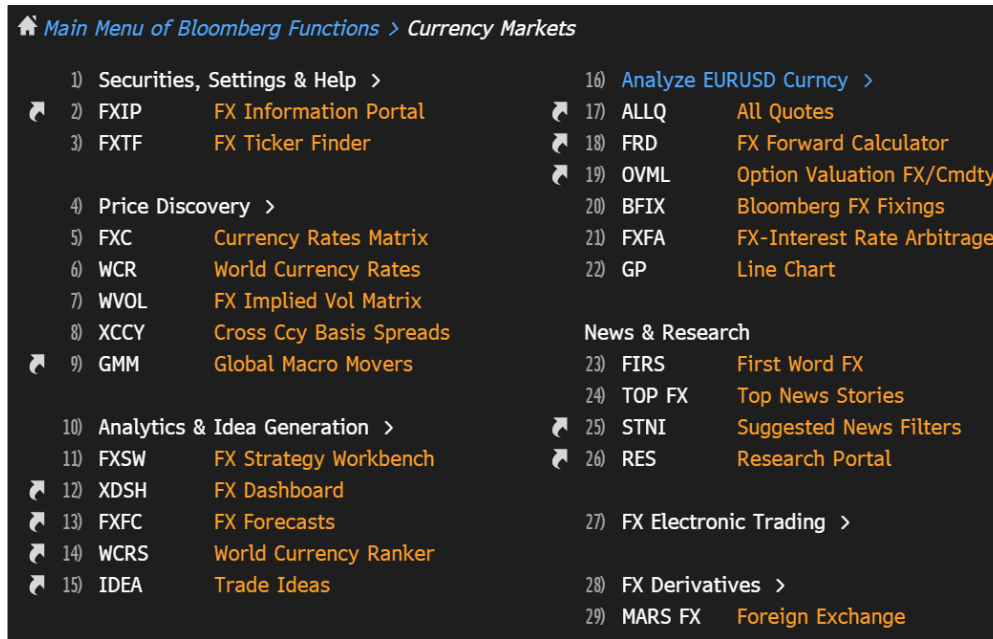
BMAP <GO> | Commodity Maps

Query the Bloomberg Energy Database to generate maps for various commodity categories, including energy, vessels, mines, and rack pricing. For example, you can measure production and see ownership details for oil refineries in North America.



Currencies

Press the yellow **Curncy (F11)** key and hit **<GO>** for an overview menu.



FXIP <GO> | FX Information Portal

Live currency prices, data, news and analytics categorized by countries, regions and precious metals.

FXC <GO> | Currency Rates Matrix

A matrix of cross-currency spot, forward and fixing rates. A heat map highlights trends and movements. Customize your regions, create and save custom currency baskets for fast access.

FXFC <GO> | Foreign Exchange Forecasts

Compare foreign exchange forecasts by a range of providers and relative performance plus a median consensus forecast. Forward rates to measure and rank the overall performance of forecasts.

WCR <GO> | World Currency Rates

Monitor this overview of currency rates in real time. Customize currency baskets, pricing options and display settings for fast access to currency rates.

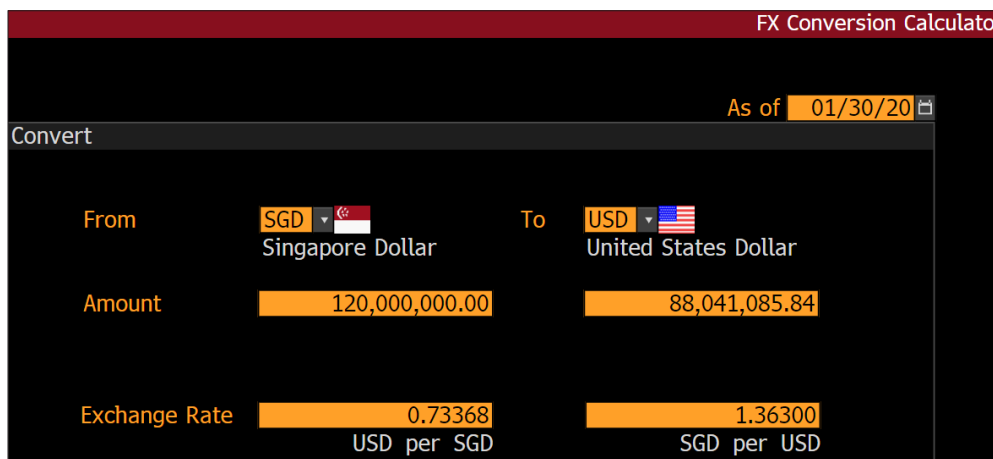
WCRS <GO> | World Currency Ranker

Rank and compare currencies visually so that you can easily identify trends. Compare currencies based on returns, interest rates, volatility, carry trade, credit default swaps, and purchasing power parity.



FXCA <GO> | Conversion Calculator

Quickly convert one amount of currency into another using the current exchange rate or any closing rate in the past. See the applicable exchange rate.



Economies

- In the command line, type **Economic Data**.
- Click **Menu >> Economic Data & Analysis**.

ECONOMIC DATA

FUNCTIONS <UP ARROW> to hide

SEARCH ECONOMIC DATA Search Bloomberg for 'ECONOMIC DATA'

NEWS ECONOMIC DATA News Search for 'ECONOMIC DATA'

Menu » **Economic Data & Analysis**

ECO Economic Calendars *Employment DATA*

ECFC Economic Forecasts *CPI DATA Forecast*

ECST World Economic Statistics *Demographic DATA*

ECOW Economic Data Watch

ns > Economic Data & Analysis

- 1) Economic Data >
- 2) ECST S Search Economic Stats
- 3) ECST World Economic Statistics
- 4) ECO Economic Calendars
- 5) ECOW Economic Data Watch
- 6) ECTR Trade Flow
- 7) WFII Foreign Port Investment
- 8) ECWB Economic Workbench
- 9) Analytics & Forecasts >
- 10) ECFC Economic Forecasts
- 11) WIRP Interest Rate Probability
- 12) FCON Financial Conditions
- 13) ECSU Economic Surprises
- 14) TAYL Taylor Rule Model
- 15) Analyze USURTOT Index >

Central Bank Information

- 16) CENB Central Bank Finder
- 17) CBRT CB Rate Analysis
- 18) FED Federal Reserve
- 19) FOMC FOMC Activities
- 20) FOMS FOMC Statements
- 21) ECB European Central Bank
- 22) BOE Bank of England
- 23) NDX Fed Reserve H15 Reports

News & Research >

- 24) News & Research >
- 25) BE Economic News & Analysis
- 26) BECO Bloomberg Economics

Documentation

- 27) HELP ECA Help Page for Economics
- 28) PMI Markit PMI

ECST <GO> | World Economic Statistics

Find and view global economic data, showing current and historical data in context. Visualize data transformations, frequencies and seasonality.

91) Search		92) Settings		World Economic Statistics					
94) Standard Views		95) Custom Views		Ticker		Current		Previous	
United Kingdom		1) Browse		Value	Date	Value	Date		
Key Indicators									
National Accounts									
Consumer Prices									
Producer Prices									
Labor Market									
Economic Activity									
Business Conditions									
BOE Credit Conditions Survey									
Leading Indicators									
Housing Market									
Retail Sector									
Consumer Confidence									
Personal Sector									
External Sector									
Government Sector									
Monetary Sector									
Financial Sector									
*National Accounts (GDP)									
*Prices									
*Labor Market									
*Retail & Wholesale Sector									
*Industrial Sector									
*Services Sector									
*Whole Economy Activity									
Maximize Chart									

Tip

ECST S <GO> launches a powerful search box to find economic data by key word(s)

ECO <GO> | Economic Calendars

List upcoming economic releases, commodity, government, central bank and industry data and events. Monitor market-moving, real-time economic data releases. Create custom calendars for the most important releases.

1) Calendars		2) Alerts		3) Export		4) Settings		Economic Calendars			
China		Browse		09:46:29		01/30/20		01/30/21			
Economic Releases		All Economic Releases		View		Agenda		Weekly			
Date	Time	A	M	R	Event	Period	Surv(M)	Actual	Prior	Revised	
MM/DD/YY											
21)	01/31 09:00				Composite PMI	Jan	--	--	53.4	--	
22)	01/31 09:00				Manufacturing PMI	Jan	50.0	--	50.2	--	
23)	01/31 09:00				Non-manufacturing PMI	Jan	53.0	--	53.5	--	
24)	02/03 09:30				Industrial Profits YoY	Dec	--	--	5.4%	--	
25)	02/03 09:45				Caixin China PMI Mfg	Jan	51.0	--	51.5	--	
26)	02/05 09:45				Caixin China PMI Composite	Jan	--	--	52.6	--	
27)	02/05 09:45				Caixin China PMI Services	Jan	52.0	--	52.5	--	
28)	02/07				Exports YoY CNY	Jan	--	--	9.0%	--	
29)	02/07				Imports YoY CNY	Jan	--	--	17.7%	--	
30)	02/07				Exports YoY	Jan	--	--	7.6%	7.9%	
31)	02/07				Imports YoY	Jan	--	--	16.3%	16.5%	
32)	02/07				Trade Balance CNY	Jan	--	--	329.27b	--	

Bloomberg Economics News and Analysis | BE »

11)	BN	09:00	China Seen Boosting Stimulus Measures as Virus Hammers Economy
12)	HBN	07:33	白宮經濟顧問庫德洛：美國將向中國派出專家 共同抗擊冠狀病毒
13)	BFW	07:00	觀點綜述：新冠病毒對經濟沖擊或基於SARS；中國AI領域或能超越美國
14)	BFW	07:00	觀點綜述：新冠病毒對經濟沖擊或基於SARS；中國AI領域或能超越美國
15)	NMA	01/14	Americas Morning Comment - Markets stay firm

Tip

WECO <GO> launches a browser to select data by country or geopolitical region.

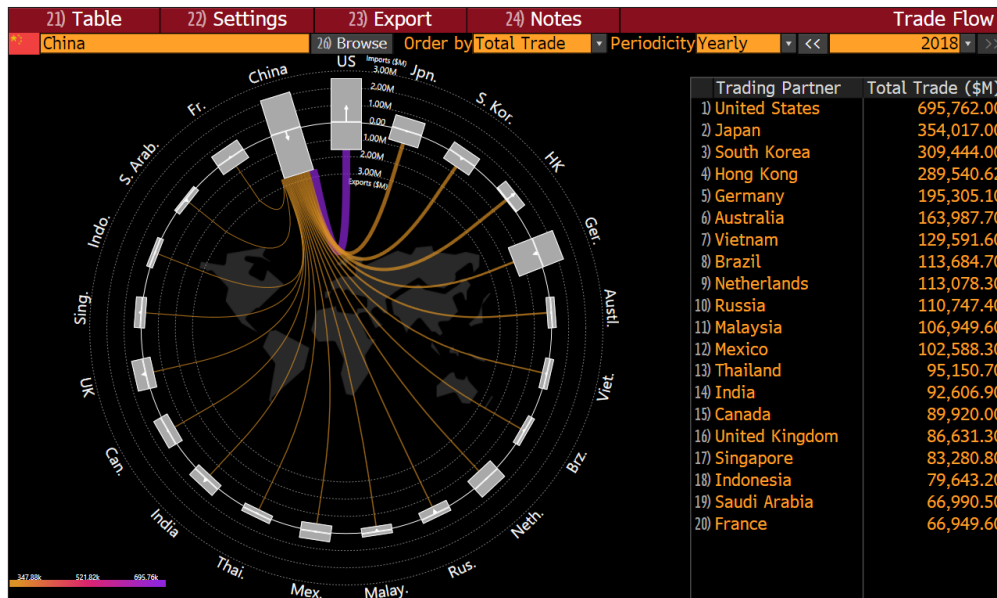
ECFC <GO> | Economic Forecast

Display economic forecasts, so you can estimate future trends and compare forecasts for regions while reviewing the spreads between different regions, which gives you additional ways to identify trends in global economies.

96) Chart 97) Set as Default View Disclaimer		Economic Forecasts									
Region Comparison		Contributor		Contributor Composite			Yearly ● Quarterly				
Asia Ex-Japan		Actual/ Forecasts					Probability of Recession			30.0%	
Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
Asia Ex-Japan (YoY%)	6.7	6.5	6.4	6.2	6.1	6.4	6.0	5.7	5.2	5.3	
Countries											
China (YoY%)	7.9	7.8	7.4	7.0	6.8	6.9	6.7	6.1	5.9	5.8	
Hong Kong (YoY%)	1.7	3.1	2.8	2.4	2.2	3.8	3.0	-1.3	-0.2	2.0	
India (YoY%)	5.2	5.5	6.4	7.4	8.0	8.2	7.2	6.8	5.0	6.0	
Indonesia (YoY%)	6.0	5.6	5.0	4.9	5.0	5.1	5.2	5.0	5.0	5.3	
Malaysia (YoY%)	5.5	4.7	6.0	5.1	4.5	5.7	4.7	4.5	4.3	4.5	
Philippines (YoY%)	6.7	7.1	6.2	6.1	6.9	6.7	6.2	5.9	6.2	6.3	
Singapore (YoY%)	4.5	4.8	3.9	2.9	3.0	3.7	3.2	0.7	1.4	2.0	
South Korea (YoY%)	2.4	3.2	3.2	2.8	2.9	3.2	2.7	2.0	2.2	2.3	
Taiwan (YoY%)	2.2	2.5	4.7	1.5	2.2	3.3	2.8	2.7	2.3	2.4	
Thailand (YoY%)	7.2	2.7	1.0	3.1	3.4	4.0	4.1	2.5	2.9	3.3	
50) News Headlines NSE »											
51)	BFW	01/27	Brazil Economists Cut 2020 Selic Forecast to 4.25% From 4.50%								
52)	BFW	01/27	Brazil Economists Cut 2020 Selic Forecast to 4.25% From 4.50%								
53)	BFW	01/25	SURVEY: Colombia Economy to Expand 3.2% in 4Q19; Prior +3.5%								
54)	BN	01/25	SURVEY REPORT: Colombia Economic Forecasts in Jan. 2020								
55)	BFW	01/25	SURVEY: Bolivia Economy to Expand 3.5% in 2019; Prior +3.7%								

ECTR <GO> | Trade Flow

An interactive trade flow map that allows you to see the export and import values between a selected country and its global trading partners. The data is provided by the International Monetary Fund Direction of Trade Statistics. You can backdate the data to determine whether trade between countries has increased or decreased and, overall, whether one country's trade imbalance is expanding or contracting.



Rates and central banks

BTMM <GO> | Treasury & Money Markets

Display major rates, securities and economic releases for a selected country, providing an overview of the current interest-rate environment.

United States of America		Browse		10:01:17		Treasury & Money Markets						
1) Fed Funds FOMC »		Fed O/N Repo		US T-Bill		EURO\$DEP		Rev Repo (Bid/Ask)				
FDFD	1.5500 1.5700	SOFR	1.53	4W	1.49 -0.01 1.51 1.46	ON	1.5300 1.5600	O/N	1.59	1.57		
OBFR01	1.54	TGCR	1.51	2M	1.52 +0.00 1.53 1.50	1W	1.5500 1.6000	1W	1.64	1.61		
		BGCR	1.51	3M	1.54 -0.01 1.54 1.51	2W	1.5700 1.6700	2W	1.62	1.58		
				6M	1.54 -0.02 1.54 1.50	1M	1.5700 1.6600	1M	1.63	1.60		
				1Y	1.49 +0.00 1.48 1.45							
Dow Jones		S&P 500 E-Mini Future		NASDAQ Composite Index		CRB Commodity Index						
DJIA	28734.45 +11.60	SPX Fut	3265.50 -7.00	CCMP	9275.16 +5.48	CRB		172.95 -0.84				
2) US Bonds FIT »		Key Rates		Swaps		10Y Note Future		Funds Future		3) LIBOR Fix		
T 1 3/8 01/31/22	1.409 99-29 3/4 99-29 7/8 + 00 1/8	Prime	4.75	3Y	1.4128	CBT		JAN	98.448	O/N	1.53300	
T 1 1/2 01/15/23	1.384 100-10+ 100-10 3/4 + 00+	BLR	3.50	5Y	1.4041	131-05 + 04+		FEB	98.410	1W	1.56075	
T 1 3/8 01/31/25	1.401 99-27 3/4 99-28 + 00 3/4	FDTR	1.75	10Y	1.5301	Commodities		MAR	98.420	1M	1.65000	
T 1 1/2 01/31/27	1.495 100-00+ 100-01 + 01	Discount	2.25	30Y	1.7226	NYM WTI		APR	98.435	2M	1.76400	
T 1 3/4 11/15/29	1.579 101-17 101-17+ + 01+					53.07 -0.26		MAY	98.470	3M	1.76950	
T 2 3/8 11/15/49	2.037 107-15 107-16+ + 01+					1578.33 +1.51		JUN	98.520	6M	1.77100	
										1Y	1.83125	
4) Spot FX FXC »		Key Rates		Swaps		10Y Note Future		5) 30Y MBS BBTM »				
JPY	108.9405	Prime	4.75	3Y	1.4128	CBT		GNMA II 4 103-23 103-24 + 00				
EUR	1.1012	BLR	3.50	5Y	1.4041	131-05 + 04+		GOLD 4 104-16 104-17 + 01				
GBP	1.3020	FDTR	1.75	10Y	1.5301	Commodities		FNMA 4 104-13 104-14 + 00				
CHF	0.9729	Discount	2.25	30Y	1.7226	NYM WTI						
CAD	1.3201					53.07 -0.26						
						1578.33 +1.51						
10) Economic Releases ECO »		ECO »										
Date	Time	C	A	M	R	Event	Period	Surv(M)	Actual	Prior	Revised	
31)	01/30	03:00	US			FOMC Rate Decision (Upper Bound)	Jan 29	1.75%	1.75%	1.75%	--	
32)	01/30	03:00	US			FOMC Rate Decision (Lower Bound)	Jan 29	1.50%	1.50%	1.50%	--	
33)	01/30	03:00	US			Interest Rate on Excess Reserves	Jan 30	1.55%	1.60%	1.55%	--	

Central Bank Portals

- **ECB <GO>** European Central Bank
- **FED <GO>** Federal Reserve
- **BOE <GO>** Bank of England
- **BOJ <GO>** Bank of Japan

Corporate & government bonds

Hit the **Govt (F2)** key > <GO> to see a menu of sovereign debt functions.
Hit the **Corp (F3)** key > <GO> to see a menu of corporate bond functions.

SRCH <GO> | Fixed Income Search

Filter debt securities by asset class, markets, indexes and an extensive range of data fields, boundaries and conditional arguments – with natural-language search options. Display search results in customized data tables, including pivot and rank tables for high-level trend analysis. Also, you can identify holders, and save and share searches.

The screenshot displays the 'Fixed Income Search' interface. At the top, there are tabs for 'Actions', 'Settings', and 'Fixed Income Search'. Below these are sub-tabs: 'Build/Edit Search', 'My Searches', and 'Example Searches'. The main area is titled 'Build with Criterion' and 'Build by Merging Saved Searches'. A date selector shows 'As of 01/30/2020'. The search process is divided into two main steps:

- Select Universe:**
 - 1) **Asset Classes:** Corporates, Governments (2,657,817 securities)
 - 2) **Sources:** All Securities
- Criteria:** **Ask a Question:** renewable energy bonds in china
 - 31) **Security Status:** Bonds: Active (414,104 matches)
 - 32) **And Country of Risk:** (China) (58,390 matches)
 - 33) **And BICS Classification:** (Renewable Energy) (138 matches)
 - 34) **And:** Fields

At the bottom right, it shows '138 securities' and a 'Results' button.

WB <GO> | World Bonds

Monitor and chart sovereign bond yields, spreads and historical performance. Display current rates' statistical deviation from averages, assess yield/spread values and pinpoint anomalies.

Developed		Export	Settings	World Bond Markets: Developed								
Maturity 10 Year												
Region	RMI	Security	Price	Chg	Yld↑	Chg	Yld	Low	Range	High	YTD	Chg
1) Switzerland		SWISS 0 1/2 30	113.430c	+0.054	-0.746	-0.5	-	-.784		-.523	-21.2	
2) Germany		DBR0 02/15/30	103.893c	+0.369	-0.380	-3.5	-	-.388		-.162	-18.9	
3) Denmark		DGB0 1/2 11/29	108.769c	+0.315	-0.378	-3.0	-	-.385		-.176	-20.1	
4) Netherlands		NETHER0 3/4 29	105.149c	+0.351	-0.287	-3.6	-	-.296		-.068	-21.9	
5) Austria		RAGB 0 1/2 29	106.566c	+0.360	-0.217	-3.8	-	-.217		.005	-22.2	
6) Finland		RFBG 0 1/2 29	106.653c	+0.358	-0.185	-3.6	-	-.191		.036	-22.1	
7) Belgium		BGB 0.9 06/29	109.900c	+0.372	-0.146	-3.8	-	-.149		.081	-22.8	
8) Ireland		IRISH 1.1 29	111.499c	+0.358	-0.130	-3.6	-	-.140		.105	-23.5	
9) France		FRTR 0 11/29	101.264c	+0.382	-0.128	-3.8	-	-.131		.113	-24.0	
10) Japan		JGB 0.1 12/29	101.439	+0.000	-0.044	+0.0	-	-.054		.004	-1.4	
11) Sweden		SGBO 3/4 11/29	107.497c	+0.156	-0.016	-1.5	-	-.020		.165	-14.7	
12) Spain		SPGB0.6 10/29	102.926c	+0.150	0.295	-1.5	-	.275		.473	-16.3	
13) Portugal		PGB 0.475 30	101.815c	+0.302	0.303	-2.9	-	.299		.504	-12.3	
14) United Kingdo...		UKTO 7/8 10/29	103.425c	+0.343	0.514	-3.6	-	.506		.817	-29.8	
15) Israel		ILGOV 1 03/30	101.300c	-0.030	0.890	-	-	.760		.900	+5.0	
16) Italy		BTPS 1.35 30	103.897c	+0.772	0.949	-7.9	-	.949		1.432	-45.7	
17) Australia		ACGB 2 3/4 29	116.739	+0.520	0.956	-5.3	-	.948		1.368	-41.2	
18) Greece		GGB3 7/8 03/29	123.531c	+0.180	1.141	-1.9	-	1.141		1.395	-25.3	
19) New Zealand		NZGB 3 04/29	114.789	+0.691	1.292	-7.5	-	1.292		1.636	-34.4	
20) Canada		CAN2 3/4 06/29	108.273c	+0.592	1.305	-6.5	-	1.299		1.696	-39.0	
21) Norway		NGB1 3/4 09/29	103.743c	-0.111	1.331	+1.2	-	1.279		1.524	-19.3	
22) Hong Kong		HKGB 2.24 29	107.688	+0.000	1.385	+0.0	-	1.385		1.645	-24.9	

SOVM <GO> | Sovereign Debt Monitor

Monitor benchmark government bonds, curves, inflation bonds and credit default swap (CDS) spreads of a selected developed country.

Security	Price	Yield	Chg	Yield	#SDΔ/day	Low	Range	High	Avg	+/-	#SD	RSI
1) Benchmarks												
10) T 1 3/8 01/22	2Y	99-29 7/8	+00 1/4	99-29 3/4	/99-29 7/8	1.411	1.409					
11) T 1 1/2 01/23	3Y	100-										
12) T 1 3/8 01/25	5Y	99-										
13) T 1 1/2 01/27	7Y	100-										
14) T 1 3/4 11/29	10Y	101-										
15) T 2 3/8 11/49	30Y	107-										
2) Curves												
17) 2yr-5yr						4	5.1	-5.7	-1.7		38.0	
18) 2yr-10yr						2	23.3	-5.9	-1.2		40.0	
19) 2yr-30yr						2	68.7	-5.6	-1.0		42.1	
20) 5yr-10yr						0	18.3	-0.2	-0.1		44.4	
3) Butterflies												
22) 2Y-5Y-10Y						5	-13.8	-5.3	-2.1		39.2	
23) 2Y-5Y-30Y						5	-59.3	-5.6	-1.4		42.1	
4) Inflation												
25) US B/E 10YR						6	1.707	-7.0	-1.2		35.1	
26) TII0 3/8 01/30	10Y	101-				4	0.112	-16.8	-2.7		37.8	
5) CDS spread												
28) CDS EUR SR 5Y												

- Click on individual securities to load them and a selection of data, research and news pages.

WBF <GO> | World Bond Futures

Monitor prices or yields for active bond futures contracts from around the world.

- Click **Settings** on the red toolbar to specify the display criteria for a customized view of the market.

WBMV <GO> | Sovereign Debt Movers

Compare real-time prices of sovereigns across selected markets and maturities, and in historical context.

SRSK <GO> | Sovereign Credit Risk

Transparent, quantitative estimates of the 1-year default probability of a country's sovereign debt and 5-year CDS spread.

Highest 1-Yr DP (%)		% Info		Sovereign Credit Risk						
United Kingdom		Browse		1-Yr Default Probability (%)				5 Year CDS (bps)		
N	Country	Current	Low	Range	High	Avg	Chg	Model	Market	Diff
11	▼ Reserve Currency									
12	Greece	16.41	15.49		82.11	42.69	-17.95	155	119	36
13	Italy	5.72	1.97		11.30	5.98	-1.70	79	121	-42
14	Cyprus	1.82	1.07		26.35	9.95	+0.76	62	97	-35
15	Montenegro	1.70	0.74		28.20	5.37	-25.33	111	--	--
16	Portugal	1.68	1.37		11.34	5.35	-3.56	46	36	10
17	Spain	0.97	0.80		7.44	2.62	-1.77	45	40	5
18	Lithuania	0.86	0.86		2.99	1.73	-1.16	40	54	-14
19	Slovenia	0.38	0.35		7.52	1.45	-0.54	28	62	-34
20	Latvia	0.26	0.19		1.69	0.43	-1.31	43	60	-18
21	Slovakia	0.24	0.23		1.34	0.42	-1.07	20	35	-14
22	▼ Non-Reserve Currency									
23	Venezuela	93.36	0.36		93.94	25.51	+76.51	10,000	--	--
24	Sudan	43.26	8.10		87.21	24.49	+29.80	5,383	--	--
25	Nicaragua	19.10	2.71		20.46	6.83	+11.37	4,146	--	--
26	Ecuador	16.70	0.79		57.82	11.29	-40.30	981	1,052	-71
27	Argentina	11.71	0.57		80.04	10.48	-2.69	712	4,238	-3,527
28	Ukraine	11.48	0.87		79.46	17.51	-15.44	1,440	331	1,109
29	Tunisia	9.47	0.77		10.75	4.73	+7.35	720	365	355
30	Zambia	9.16	0.21		18.49	3.88	-4.85	467	--	--
31	Turkey	8.38	0.80		27.14	4.19	-2.93	609	238	371
32	Kazakhstan	7.94	0.95		8.34	3.72	+4.20	410	57	353

9) Risk Scale: Low / Medium / High Avg Now

Rankings & statistics

RICH <GO> | Bloomberg Billionaires Index

Monitor the world's highest net-worth individuals and how their fortunes change on a daily basis.

Name	Rank	Worth	Chg 1D	Chg YTD	3M Range
1) Jeff Bezos	1	145.5B	1.6B	30.6B	
2) Bill Gates	2	108.0B	411.7M	-5.1B	
3) Mark Zuckerberg	3	81.1B	305.3M	2.7B	
4) Bernard Arnault	4	78.1B	-382.9M	-27.2B	
5) Warren Buffett	5	68.8B	-956.8M	-20.4B	
6) Steve Ballmer	6	67.5B	711.5M	9.4B	
7) Larry Page	7	66.8B	707.1M	2.2B	
8) Sergey Brin	8	64.8B	681.1M	2.1B	
9) Larry Ellison	9	60.3B	-59.1M	1.5B	
10) Mukesh Ambani	10	57.0B	170.9M	-1.6B	
11) Francoise Bettencourt Meye...	11	55.2B	383.2M	-3.8B	
12) Rob Walton	12	54.7B	270.8M	472.1M	
13) Jim Walton	13	54.5B	259.5M	405.1M	
14) Alice Walton	14	54.0B	289.1M	947.3M	
15) Amancio Ortega	15	52.4B	-208.4M	-23.1B	

- Click any billionaire to see the biography and details on the billionaire's fortune.

STAT <GO> | Bloomberg Global View

Major tables and rankings of macroeconomic, energy, commodities and other market data. See league tables, hedge fund rankings and top CEO holdings.

Cheat sheet

Help & Resources

HL <GO>	Search Bloomberg
HELP <GO>	Getting Started with the Bloomberg
BHL <GO>	Bloomberg Help and Learning
BPS <GO>	Bloomberg Resource Center
SECF <GO>	Security Finder (all asset classes)
BU <GO>	Bloomberg University

News & Research

TOP <GO>	Top Bloomberg News
READ <GO>	Most-Read News
N <GO>	News Search
NLRT <GO>	News Alerts
NI <GO>	News Categories
FIRS <GO>	First Word (breaking news for market professionals)
QUIC <GO>	Bloomberg QuickTake
OPIN <GO>	Bloomberg Opinion
TWTR <GO>	Twitter Filter Builder
BI <GO>	Bloomberg Intelligence
MEDI <GO>	Bloomberg Media

Equities

WEI <GO>	World Equity Indices
WM <GO>	World Equity Markets Map
WEIS <GO>	World Equity Index Rankings
EA <GO>	Earnings Analysis
MOST <GO>	Most-Active Securities
IPO <GO>	Equity Offerings
MA <GO>	Mergers & Acquisition
EQS <GO>	Equity Screening
EVTS <GO>	Events Calendar

Fixed Income

WB <GO>	World Bonds
SOVM <GO>	Sovereign Debt Monitor
WBF <GO>	World Bond Futures
WBMV <GO>	Sovereign Debt Movers
SRSK <GO>	Sovereign Credit Risk
LEAG <GO>	League Tables
SRCH <GO>	Fixed Income Search
DEBT <GO>	Sovereign Debt Ownership
WCDM <GO>	World Countries Debt Monitor

Currencies

FXIP <GO>	Foreign Exchange Information Portal
FXCA <GO>	Conversion Calculator
WCR <GO>	World Currency Rates
WCRS <GO>	World Currency Ranker
FXFC <GO>	Foreign Exchange Forecasts

Economies

GEW <GO>	Global Economy Watch
ECO <GO>	Economic Calendars
ECOW <GO>	Economic Data Watch
ECST <GO>	World Economic Statistics
ECST S <GO>	Search Economic Statistics
ECWB <GO>	Economic Workbench
ECFC <GO>	Economic Forecasts
WFII <GO>	Foreign Portfolio Investment
ECTR <GO>	Trade Flow
CENB <GO>	Central Bank Finder
CBRT <GO>	Central Bank Rate Analysis
ECB <GO>	European Central Bank
FED <GO>	Federal Reserve
BOE <GO>	Bank of England
BOJ <GO>	Bank of Japan

Commodities

GLCO <GO>	Global Commodity Prices
CPLY <GO>	Commodity Playbook
COSY <GO>	Commodities Studies
OIL <GO>	Oil
GAS <GO>	Natural Gas
COAL <GO>	Coal
VOLT <GO>	Electricity
EMIS <GO>	Emissions
MINE <GO>	Metals
RENE <GO>	Renewables
AGS <GO>	Agriculture
SHIP <GO>	Shipping
MAPS <GO>	Geo Insights
MAP <GO>	Custom Map
BMAP <GO>	Commodity Maps

Rankings & Statistics

STATS <GO>	Bloomberg Global View
RICH <GO>	Bloomberg Billionaires Index

Take the next step.

For additional information,
press the <HELP> key twice
on the Bloomberg Terminal®.

Beijing
+86 10 6649 7500

Dubai
+971 4 364 1000

Frankfurt
+49 69 9204 1210

Hong Kong
+852 2977 6000

London
+44 20 7330 7500

Mumbai
+91 22 6120 3600

New York
+1 212 318 2000

San Francisco
+1 415 912 2960

São Paulo
+55 11 2395 9000

Singapore
+65 6212 1000

Sydney
+61 2 9777 8600

Tokyo
+81 3 4565 8900

[bloomberg.com/professional](https://www.bloomberg.com/professional)

The data included in these materials are for illustrative purposes only. ©2020 Bloomberg 729763 0420