

# THOMSON REUTERS EIKON

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## Cross Assets



## Document History

Version	Date	Authors	Changes
1.	15 July 2016	Chua Rui Ting Vincent Chia	First Issue for Eikon version 4.x

## Contents

Cross Assets.....	1
Document History.....	2
1. Top News Application <TOPNEWS> .....	3
2. Economic Monitor<EM> .....	4
3. Economics Application <EC> .....	5
4. Macro Explorer Application <MACROX> .....	6
5. Central Bank Poll <CBP> .....	7
6. US FED Interest Rate Probability .....	8
7. Economic Indicator Poll <ECOP> .....	9
8. Asset Allocation Poll <AAP>.....	10
9. Correlation Matrix <CORR> .....	11
10. Average Calculator <AVRG> .....	12
11. World Clock .....	13
12. Key Stats <KEYST> .....	13

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## 1. Top News Application <TOPNEWS>

The Top News Application in Eikon would allow users to obtain a quick overview of the market news from both the main page as well as from different asset classes. From the top tab bar, the default page would be the “Front page” of the Top News app. However, from the different tabs, you could view news from the commodities markets, different companies and industries as well as by geographical zone.

While Top News provides objective news reporting, Views would provide users with opinionated based articles on certain topics.

In order to navigate to the following page,

In the Eikon Toolbar, search <TOPNEWS> in order to pull up the Top News Front Page as shown below.

Alternatively, on the Homepage, click the “News and Research” tab and select “Reuters Top News”.

The screenshot displays the Reuters Top News Front Page interface. At the top, there is a navigation bar with tabs for 'Quicklinks', 'Main', 'Banking & Finance', 'Breakingviews', 'Commodities Markets', 'Company News', 'Industry News', 'Markets News', 'National & Regional News', and 'National Language News'. Below this, the main content area is titled 'NEWS | FRONT PAGE' and features a large article about Theresa May with a photo of her. To the right of this article is a 'TRENDING TOPICS' section with a list of related news items. Further right is a 'MARKET SNAPSHOT 3 MONTHS' section showing a line chart for the FTSE EURO FIRST 300 INDEX, which is down 3.66%. Below the main article are several smaller news snippets, including 'World stocks poised for worst month since January', 'UK current account deficit fails to narrow as expected in Q1', and 'Singapore's UOB suspends London property loans after Brexit'. At the bottom right, there is a video player showing a clip of a man speaking, with a play button overlay.

## 2. Economic Monitor<EM>

Users who are interested in the different economic news and events from a specific group of countries and markets would find the Economic Monitor Application useful. On the EM application, users can specify their set of countries by filtering them on the left hand bar.

From this, a list of Economic Events, Central Bank and Political Events as well as Government Debt Auctions would be generated.

Selecting any one event would pull up the related Reuters News at the bottom of the page.

In order to navigate to the Economic Monitor page,

In the Eikon Toolbar, search <EM> in order to open the Economic Monitor Application.

The screenshot shows the 'Economic Monitor | Economic Events' window. The left sidebar lists selected countries: China (Mainland), Euro Zone, Hong Kong, Japan, Singapore, South Korea, Taiwan, United Kingdom, and United States. The main table displays economic indicators for Singapore, with the 'Bank Lending MM' row highlighted. Below the table, a 'REUTERS NEWS FOR SINGAPORE BANK LENDING MM' section shows three news items from 30 Jun 2016.

Local Date	Count down	Local Time	Indicator Name	Period	Reuters Poll	Actual	Surprise	Prior	Revised	Min
30 Jun		07:50	IP Forecast 1 Mth Ahead	May		1.7%		2.2%		
30 Jun		07:50	IP Forecast 2 Mth Ahead	May		1.3%		0.3%		
30 Jun		10:00	Bank Lending MM	May		592.8B		589.8B		
30 Jun		13:00	Construction Orders YY	May		34.5%		-16.9%		
30 Jun		13:00	Housing Starts YY	May	4.8% ↑	9.8%	5.00%	9.0%		2.7%
30 Jun		16:30	GDP QQ	Q1	0.4%	0.4%	0.00%	0.4%		0.4%
30 Jun		16:30	GDP YY	Q1	2.0%	2.0%	0.00%	2.0%		2.0%
30 Jun		16:30	Business Invest QQ	Q1		-0.6%		-0.5%		
30 Jun		16:30	Business Invest YY	Q1		-0.8%		-0.4%		
30 Jun		16:30	Current Account GBP	Q1	-27.10B ↓	-32.59B	-5.493B	-32.66B	-33.96B	-32.20B -20
30 Jun		16:30	Money Supply M3	May		1.40%		2.70%		
30 Jun		16:30	Retail Sales YY	May		-8.4%		-7.5%		

REUTERS NEWS FOR SINGAPORE BANK LENDING MM  
 30 Jun 2016  
 10:08:26 RTRS Singapore May bank lending up on higher manufacturing loans  
 10:02:10 RTRS SINGAPORE MAY HOUSING AND BRIDGING LOANS AT S\$186.5 BLN -MAS DATA SGLND=ECI  
 10:01:56 RTRS SINGAPORE MAY BANK LENDING S\$592.8 BLN - CENTRAL BANK DATA SGLND=ECI

The screenshot shows the 'Economic Monitor | Central Bank and Political Events' window. The left sidebar lists the same selected countries as the previous screenshot. The main area features a calendar for June 2016, with the 30th highlighted. A list of events is displayed on the right, including a meeting with Japan's Prime Minister and a speech by South Korea's Finance Minister.

Local Date	Local Time	Event Name
30 Jun	06:40	Japan Prime Minister Shinzo Abe will hold a second meeting with Japan's top economic policy...
30 Jun	11:00	South Korea Finance Minister Yoo Il-ho will give a speech at a meeting of the American Chamb...
30 Jun	17:00	Ministry of Commerce press briefing on upcoming G20 trade ministers meeting. People's Repu...
30 Jun	17:00	Central Bank of Taiwan holds monetary policy meeting
30 Jun	19:30	European Central Bank will publish the minutes of June interest rate meeting
30 Jun		U.S. Vice President Joe Biden will visit the Langston Hughes Community Health and Education ...
26 Jun-1 Jul		The president of Bulgaria's National Assembly Tsetska Tsacheva will lead a visiting delegation ...
27-30 Jun		Former Ukrainian Prime Minister Arseniy Yatseniuk visits United States (to June 30)
1 Jul	03:20	Federal Reserve Bank of St. Louis President James Bullard gives presentation on the U.S. econ...
1 Jul	15:15	European Central Bank board member Benoit Coeure participates in a roundtable discussion o...
1 Jul	18:00	European Central Bank chief economist Peter Praet speaks at Financial Times 'Festival of Fina...
1 Jul	23:00	Federal Reserve Bank of Cleveland President Loretta Mester speaks on the economic outlook ...
1 Jul	23:00	Bank of England chief economist Andy Haldane talks about cashless society at Financial Times...

### 3. Economics Application <EC>

Investors who adopt a top-down approach to investing would often want to analyze the overall economic situation of the country before choosing whether to invest in that market.

Hence, the Economic Application would provide a general overview of the market.

To get to this page, type EC in the Eikon Toolbar.

The screenshot displays the Thomson Reuters Economics application interface. At the top, there is a navigation bar with links for HOME, ASSET CLASSES, COUNTRIES, NEWS AND RESEARCH, MY EIKON, REUTERS INSIDER, TRADING, and FINANCIAL INSTITUTIONS. The main content area is divided into several sections:

- TOP NEWS:** A list of recent news items, including "BOJ'S KURODA VOWS TO EASE MORE IF YEN MOVES HURT PRICE TARGET" and "GLOBAL MARKETS-Asian shares poised for weekly loss, Fed talk lifts dollar".
- CHART OF THE WEEK:** A line chart titled "UK market sector wages and productivity" showing "Twelve-month percentage changes" from 2000 to 2016. The chart compares "Market sector productivity" (orange line) and "Private sector regular pay (inflated by Core CPI inflation)" (blue line).
- QUICK LINKS:** A grid of links to various tools and reports, such as "World Guide", "News in Charts", "Central Banks", and "Datastream Chartbook".
- ECONOMIC EVENTS (TODAY):** A table showing market events for the current day (May 13, 2016).
- REUTERS POLLS:** A section for "BoC May 2016 pre-meeting poll results" with a "MORE POLLS" link.
- THE ECONOMIST:** A section for "Michael Moore's grand European tour" and other articles.
- Macro Explorer:** A promotional banner for the Macro Explorer tool.
- ALPHA NOW:** A banner for "ACTIONABLE INVESTMENT INSIGHT".

Through this page, one can look through

- Important news that occurred in the markets,
- Recent Reuters Polls and
- Keep track of main economic events which will be occurring on that day.

## 4. Macro Explorer Application <MACROX>

Within the Economics page, there is a specific application by the name of Macro Explorer <MACROX> which can provide the user with a good and useful visual overview of how the market looks.



Through this page, different countries could be selected by choosing them on the map or through the search bar at the side. The graphs at the bottom will display the different indicators of the macro-economic situations in the countries.

The box on the left is where other countries can be selected.

The box on the upper right allows different functionalities such as

- World Map
- Moving Grid
- Scatter Plot
- Table

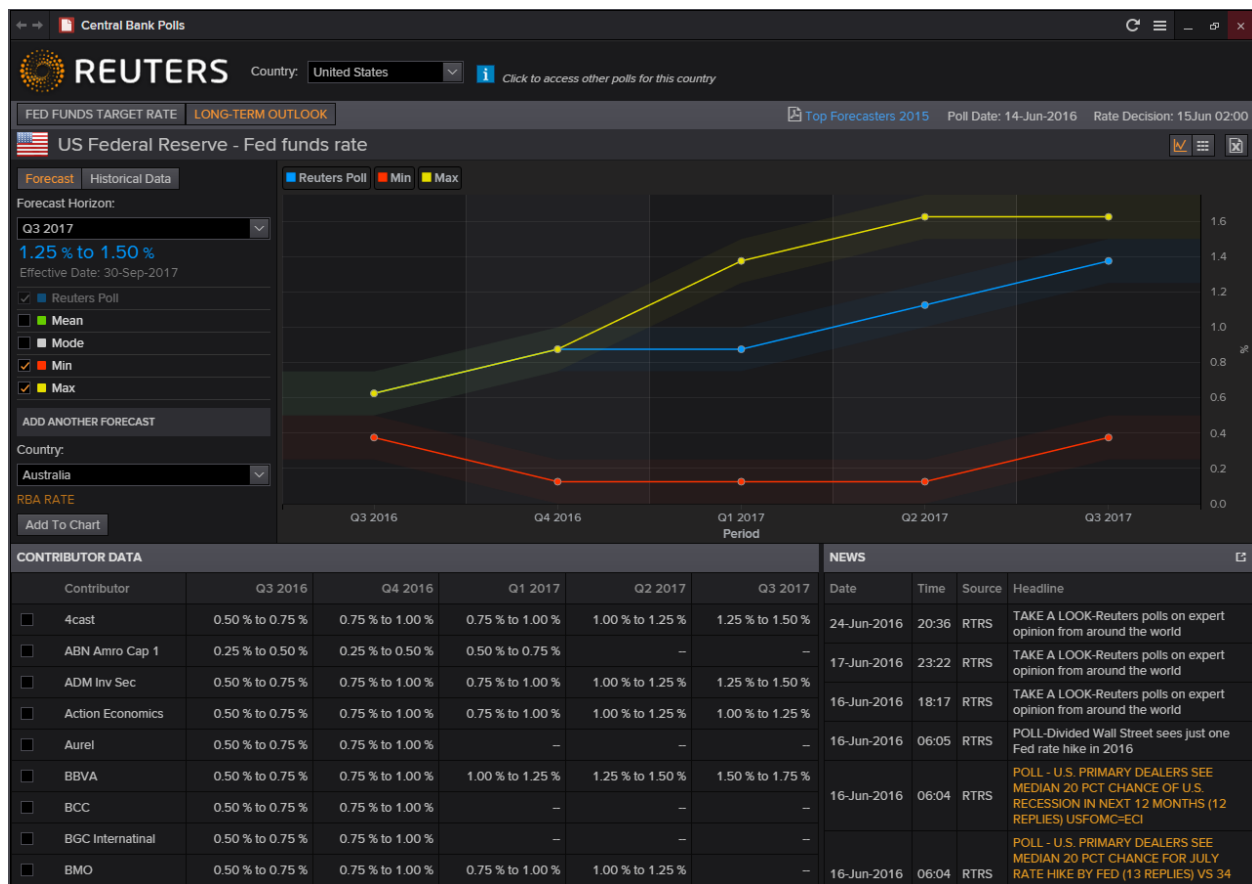
## 5. Central Bank Poll <CBP>

The Central Bank Poll application would allow users to view a forecast of the central banks' likely interest rate, providing a long-term outlook on the bank's decision.

Most countries have only a long-term outlook where different analysts' opinions are collated and displayed in the form of a line chart. In addition to the Reuters Poll in blue, users can also add in lines depicting the max and min based on estimates as well as a mean and mode figure.

However, due to the high interest placed on the Fed Funds Target Rate, there is also a poll collected for those figures and hence, the US Federal Reserve's page also has a Fed Funds Rate estimate provided.

In the Eikon Toolbar, search <CBP> to open the application.



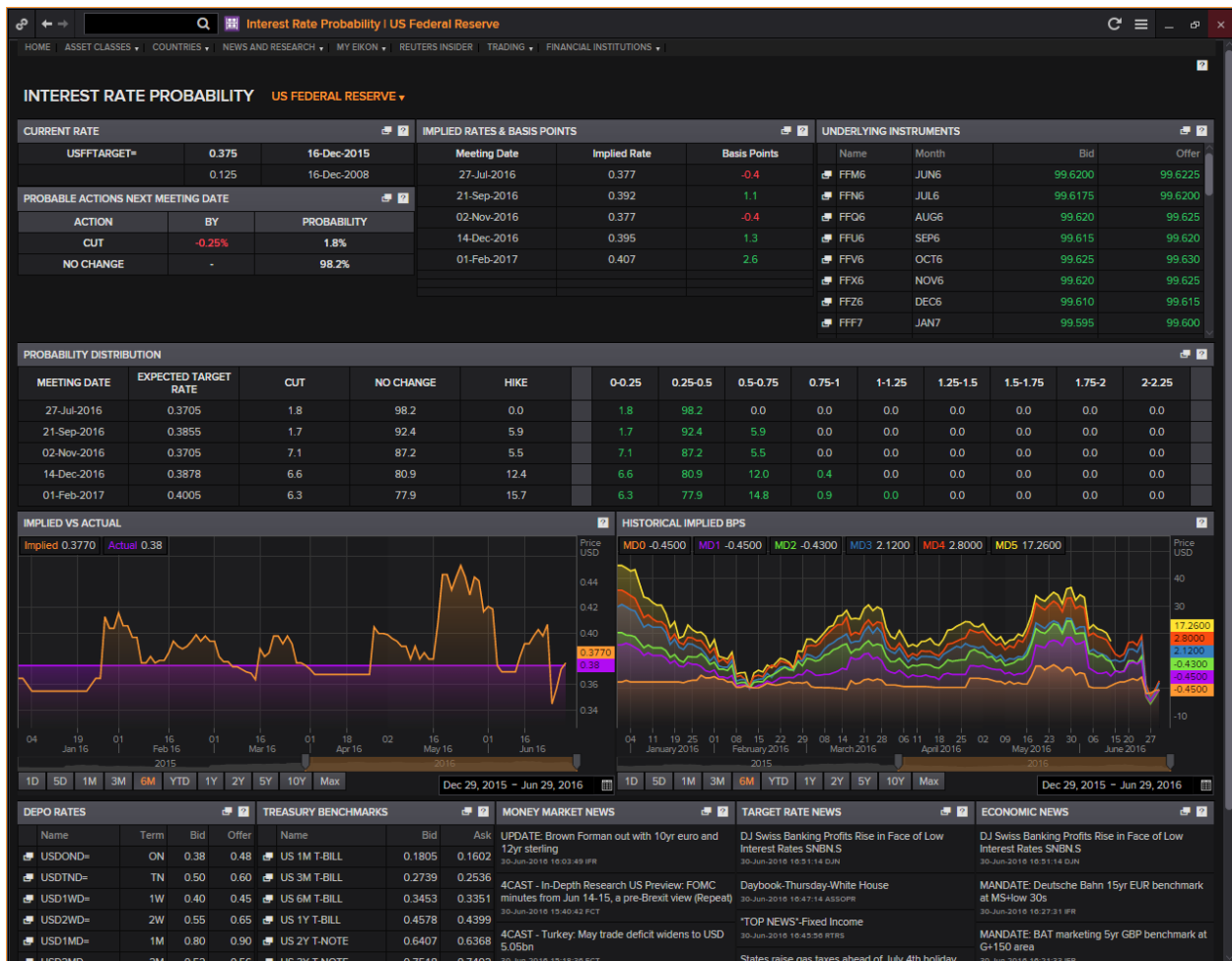


## 6. US FED Interest Rate Probability

For users who require more detailed information than just the figures from the CBP Application can refer to the following application for a more detailed probability breakdown of expected Fed rate hikes or cuts.

In the following application, the page shows the current target rate as compared to a historical figure. In addition to that, a table displaying the probable actions for the next month (e.g. cut or no change) would also provide a concise overview of how the Fed is likely to vote at the next meeting.

In the Eikon Toolbar, search <US FED INTEREST> and select the application from the drop down menu bar.





## 7. Economic Indicator Poll <ECOP>

Another poll that may be useful to users monitoring the different economic markets would be the Economic Indicator poll. Using this page, users are able to view estimates of different economic indicators of different markets.

By selecting the country as well as the indicator (e.g. Federal Budget), users can view the Reuters Poll (consolidated from different polls) as well SmartEstimate and the Actual figures. The line chart below shows how the estimates and polls have fared in the past as compared to the actual figures that have been reported.

In order to reach the following page,

In the Eikon toolbar, search <ECOP>.



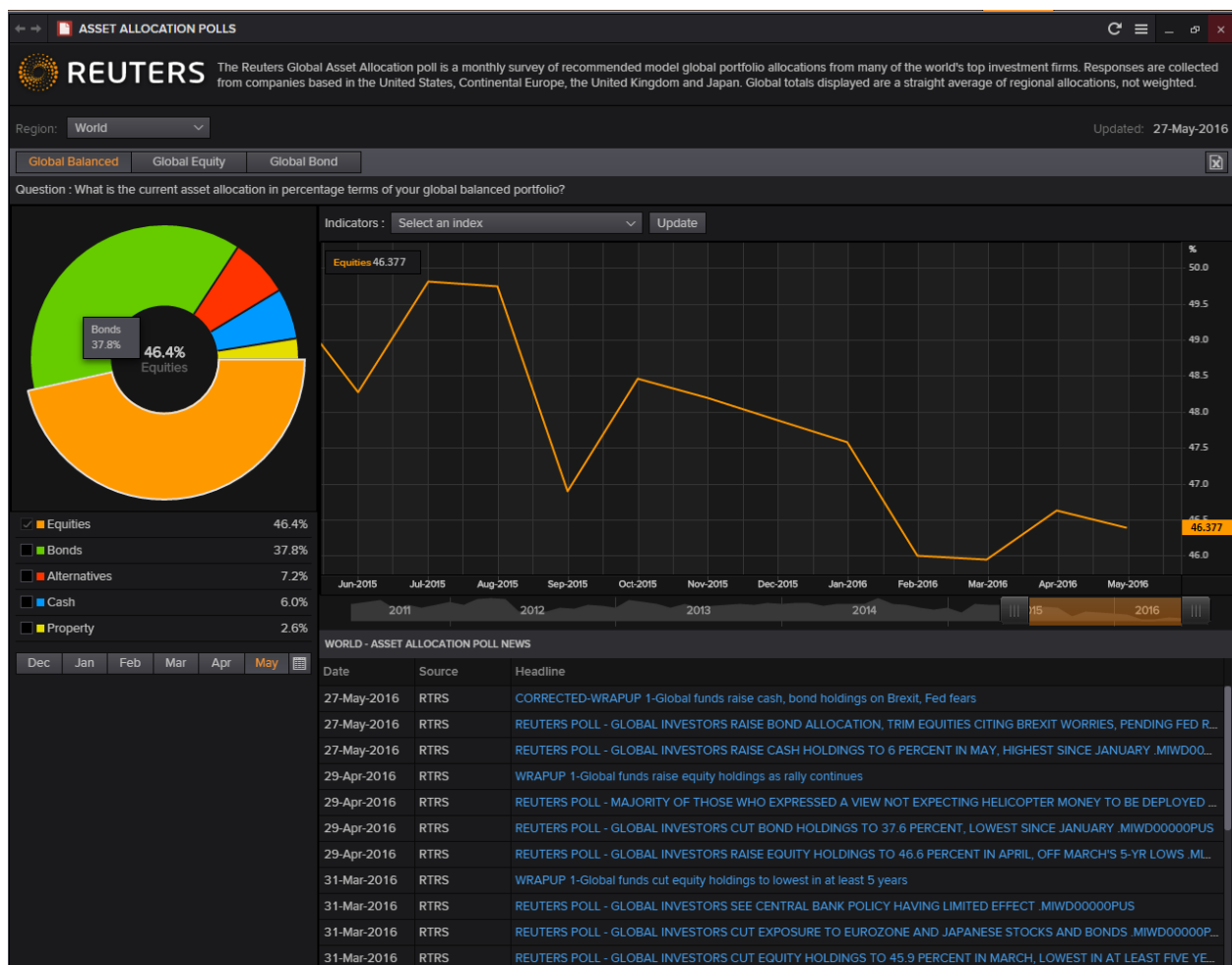
## 8. Asset Allocation Poll <AAP>

The Reuters Global Asset Allocation poll is a monthly survey of recommended model global portfolio allocations from many of the world’s top investment firms. Responses are collected from companies based in the United States, Continental Europe, the United Kingdom and Japan. The Global totals displayed are not weighed but are a straight average of regional allocations.

On this page, there is a consolidated “World” allocation for

1. Global Balanced - to show the allocation between equities, bonds, alternatives, cash and property
2. Global Equity - to show the allocation amongst different geographical areas for equities
3. Global Bonds - to show the allocation amongst different geographical areas for bonds

Alternatively, you are able to view the same breakdown above for different countries, mainly Europe, Japan, United Kingdom and the United States.



## 9. Correlation Matrix <CORR>

The correlation matrix allows users to measure the change in different indicators (such as price, total return etc) of one asset against another for any one period.

Using this calculator, the correlation, R-squared, covariance, beta and alpha can be measured. For correlation in particular, a figure closer to 1 would indicate a higher amount of positive correlation. On the other hand, a figure closer to -1 would indicate a higher amount of negative correlation.

1. In the Eikon toolbar, search <CORR> in order to open the application.
2. Under “List Management”, create a list of equities, indexes or other instruments you would like to compare.
3. In the “Main” page, adjust the following parameters
  - Periodicity: Daily etc.
  - Start Date
  - End Date
4. Adjust the lists X and Y and press “Calculate” in order to generate the results
5. Also, you can change the Statistics and the Fields if necessary

The screenshot displays the 'Correlation Matrix' application interface. At the top, there are navigation links: Regression Analysis [REGR], Average Calculator [AVRG], Volatility Surface Calculator [VOLS], List Monitor [LMON], and Pairs Calculator [PAIR]. The main title is 'Correlation Matrix' with a help icon. Below the title, there are input fields for 'Periodicity' (set to Daily), 'Start Date' (01 Jul 2015), 'End Date' (01 Jul 2016), 'For Missing Data' (Ignore), 'Use Intermediary Date' (unchecked), and 'Transformation Rules' (Ln Return). A 'Calculate' button is visible. Below this, there are tabs for 'Main' and 'List Management'. Under 'Main', there is a 'Formatting and Filtering' section with 'Threshold1' (-0.5000), 'Threshold2' (0.0000), and 'Threshold3' (0.5000). At the bottom, there are tabs for 'Matrix', 'Summary', and 'Top Distribution'. The 'Matrix' tab is active, showing a table of correlation coefficients for three assets: AAPL.O, MSFT.O, and GOOGL.O. The table is titled 'Statistics: Correlation' and shows the following values:

	AAPL.O	MSFT.O	GOOGL.O
AAPL.O	1.0000	0.6043	0.4444
MSFT.O	0.6043	1.0000	0.6166
GOOGL.O	0.4444	0.6166	1.0000

## 10. Average Calculator <AVRG>

Using the Average Calculator application, users are able to compare the average prices or volatilities across different time periods for your specified list of instruments.

In order to pull up a similar list as shown below,

1. In the Eikon Toolbar, search <AVRG> to open the application
2. Under “List Management”, specify the different instruments that you wish to search for.

#	Type RIC Or Click an Icon for Formula	Name	Select Field	Adder	Scaling Factor
#1	AAPL.O	APPLE INC	Trade Price (Close)	0.00	÷1.00
#2	MSFT.O	MICROSOFT CP	Trade Price (Close)	0.00	÷1.00
#3	GOOGL.O	ALPHABET INC A	Trade Price (Close)	0.00	÷1.00

3. Here, you can view the average prices and volatilities over different time periods for the specified “Start Date” and “End Date” that you have chosen at the top of the page.

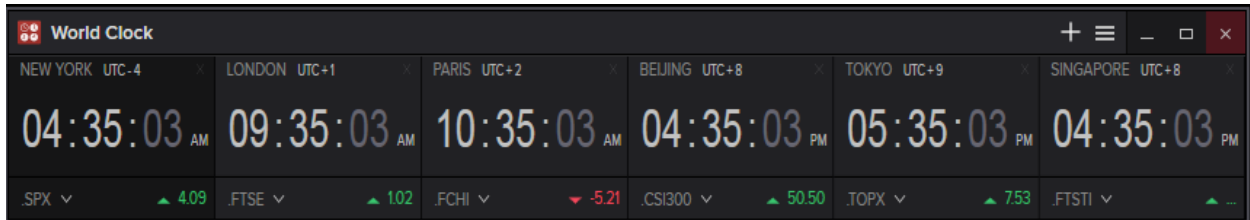
4. Also, different frequencies can be selected.

	#1	#2	#3
1 Jul 2016	3.3999	0.2194	10.6710
2 Jun 2016	18.3908	25.9981	20.9799
3 May 2016	20.7397	20.7769	15.2357
4 Apr 2016	28.8983	29.6403	25.1330
5 Mar 2016	19.0813	22.3343	18.8752
6 Feb 2016	23.2855	26.5569	27.4319
7 Jan 2016	43.9238	37.6102	32.8808
8 Dec 2015	24.2203	23.3212	21.3182
9 Nov 2015	23.4654	16.1147	17.7383
10 Oct 2015	25.6755	36.1989	25.4744
11 Sep 2015	33.2183	28.2726	26.2599
12 Aug 2015	43.8086	36.9333	41.4973
13 Jul 2015	24.9697	19.6463	55.8583
14 Jun 2015	11.3386	15.1966	14.6895
15 May 2015	22.0261	20.5050	16.9815
16 Apr 2015	19.6982	38.1842	20.9311
17 Mar 2015	21.9223	19.8848	20.2833
18 Feb 2015	20.2706	13.2802	18.0580
19 Jan 2015	37.7130	43.8034	29.2442

## 11. World Clock

The World Clock application allows users to view the different time zones available as well as its respective equity indexes. This allows users who trade in different markets to monitor both the times as well as the market conditions.

In the Eikon Toolbar, search <CLOCK> and select from the drop down menu.



## 12. Key Stats <KEYST>

The KeyStats page allows users to compare a maximum of three different securities and to compare them across different valuation methods.

In the Eikon Toolbar, search <KEYST> and choose the three securities to compare.

