Excel Add-in
User's Manual

INTRODUCTION

WELCOME!

Thank you for choosing to use Fastmarkets' Excel Add-in! As part of Fastmarkets' data platform strategy, we will provide customers with richer, more flexible mechanisms to securely access our data. This tool will allow you to pull our pricing data directly into Excel, thereby enabling you to embed our prices into your workflow.

This users' guide will help you get the most out of Fastmarkets' Excel Add-in to support your business needs. Please refer to the accompanying Installation & Technical Instructions Guide to install and log in for the first time to Fastmarkets' Excel Add-in.

If after reading these instructions you have further questions about how to use Fastmarkets' Excel Add-in, please contact your Account Manager.

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For more information on Fastmarkets' products and services, please use the following links.

- **Pricing data:** https://www.fastmarkets.com/what-we-do/pricing-data
- **Pricing notices:** https://www.metalbulletin.com/prices/pricing-notices.html
- **Methodology:** https://www.fastmarkets.com/about-us/methodology

THE EXCEL FUNCTIONS

Fastmarkets' Excel Add-in enables you to easily obtain rich data around the commodities you follow. The table below summarizes the functions and pricing data now available to you.

Name of function	Short description
GetFieldsData( )	Fetches all available data fields for a symbol
GetReferenceData( )	Fetches all available symbols
GetLatestPriceData( )	Fetches the latest price for a symbol
GetPriceDataHistory( )	Fetches historical prices between two dates
GetPriceData( )	Fetches the price of a symbol for a given date

Let's explore the functions individually to see how you can make Fastmarkets' Excel Add-in work best for you.

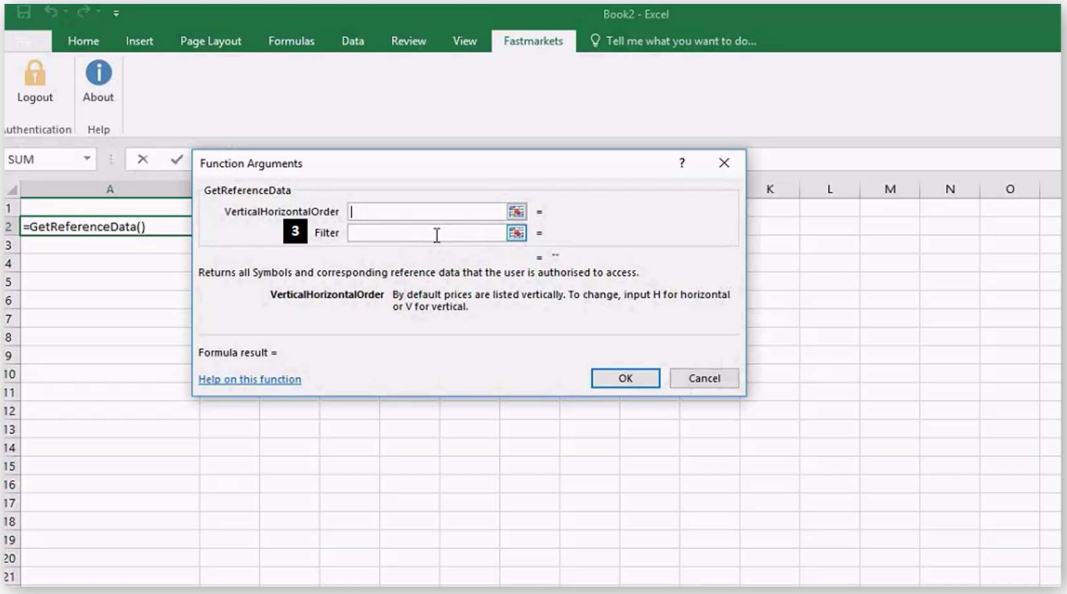
GET REFERENCE DATA

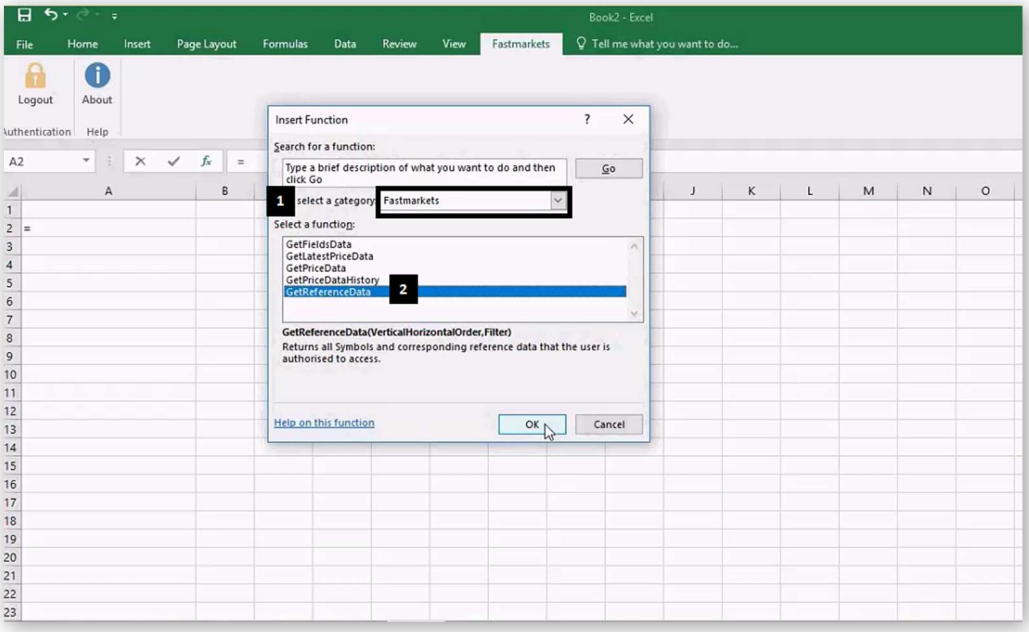
The GetReferenceData() function enables you to view a list of prices, symbols and data to which you're entitled in your data package. **Remember, each Fastmarkets price has a symbol – an alphanumeric code, unique to that price.** The table below provides a summary of this function.

Function summary	The GetReferenceData function fetches all symbols and corresponding reference data that the user is authorized to access. There is no maximum number of prices that can be queried at one time.
Input parameters	VerticalHorizontalOrder; Filter
Output for the function	Inserts fields of data for each price, including Symbol, Product, Description, Location, Currency, Unit of measure and Incoterm.
Example	=GetReferenceData("V","steel")

Get the list of prices and their symbols

1. Select a cell where you want the prices to be displayed (for example, A2)
2. Click on the “function wizard” icon (fx). Choose the “Fastmarkets” category, select the “GetReferenceData” function and click OK.
3. To display the full list of symbols and prices available for the data package you have chosen, leave the parameters blank and click OK. If you wish to filter the list so that you only see, say, aluminium symbols and prices, type “aluminium” in the “Filter” field.

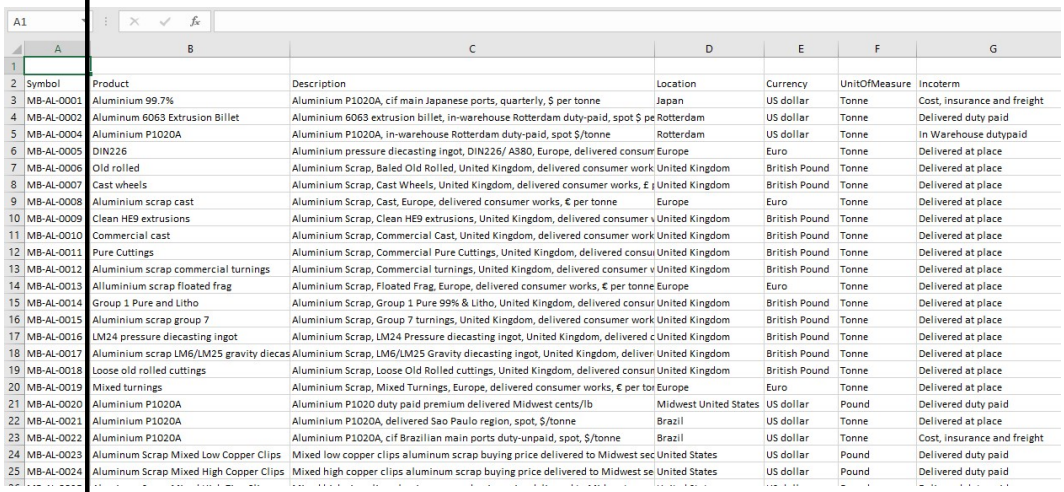




4. The list of all available prices will be inserted in the sheet. The first column contains the symbol unique to each price. The remaining columns contain the corresponding reference data (name, description, location, currency, unit of measure and incoterm).

4

SYMBOL	REFERENCE DATA



	A	B	C	D	E	F	G
1							
2	Symbol	Product	Description	Location	Currency	UnitOfMeasure	Incoterm
3	MB-AL-0001	Aluminium 99.7%	Aluminium P1020A, cif main Japanese ports, quarterly, $ per tonne	Japan	US dollar	Tonne	Cost, insurance and freight
4	MB-AL-0002	Aluminum 6063 Extrusion Billet	Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot $ pe	Rotterdam	US dollar	Tonne	Delivered duty paid
5	MB-AL-0004	Aluminium P1020A	Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot $/tonne	Rotterdam	US dollar	Tonne	In Warehouse dutypaid
6	MB-AL-0005	DIN226	Aluminium pressure diecasting ingot, DIN226/ A380, Europe, delivered consum	Europe	Euro	Tonne	Delivered at place
7	MB-AL-0006	Old rolled	Aluminium Scrap, Baled Old Rolled, United Kingdom, delivered consumer work	United Kingdom	British Pound	Tonne	Delivered at place
8	MB-AL-0007	Cast wheels	Aluminium Scrap, Cast Wheels, United Kingdom, delivered consumer works, £	United Kingdom	British Pound	Tonne	Delivered at place
9	MB-AL-0008	Aluminium scrap cast	Aluminium Scrap, Cast, Europe, delivered consumer works, € per tonne	Europe	Euro	Tonne	Delivered at place
10	MB-AL-0009	Clean HE9 extrusions	Aluminium Scrap, Clean HE9 extrusions, United Kingdom, delivered consumer v	United Kingdom	British Pound	Tonne	Delivered at place
11	MB-AL-0010	Commercial cast	Aluminium Scrap, Commercial Cast, United Kingdom, delivered consumer work	United Kingdom	British Pound	Tonne	Delivered at place
12	MB-AL-0011	Pure Cuttings	Aluminium Scrap, Commercial Pure Cuttings, United Kingdom, delivered consu	United Kingdom	British Pound	Tonne	Delivered at place
13	MB-AL-0012	Aluminium scrap commercial turnings	Aluminium Scrap, Commercial turnings, United Kingdom, delivered consumer v	United Kingdom	British Pound	Tonne	Delivered at place
14	MB-AL-0013	Alluminium scrap floated frag	Aluminium Scrap, Floated Frag, Europe, delivered consumer works, € per tonne	Europe	Euro	Tonne	Delivered at place
15	MB-AL-0014	Group 1 Pure and Litho	Aluminium Scrap, Group 1 Pure 99% & Litho, United Kingdom, delivered consur	United Kingdom	British Pound	Tonne	Delivered at place
16	MB-AL-0015	Aluminium scrap group 7	Aluminium Scrap, Group 7 turnings, United Kingdom, delivered consumer work	United Kingdom	British Pound	Tonne	Delivered at place
17	MB-AL-0016	LM24 pressure diecasting ingot	Aluminium Scrap, LM24 Pressure diecasting ingot, United Kingdom, delivered c	United Kingdom	British Pound	Tonne	Delivered at place
18	MB-AL-0017	Aluminium scrap LM6/LM25 gravity diecas	Aluminium Scrap, LM6/LM25 Gravity diecasting ingot, United Kingdom, deliver	United Kingdom	British Pound	Tonne	Delivered at place
19	MB-AL-0018	Loose old rolled cuttings	Aluminium Scrap, Loose Old Rolled cuttings, United Kingdom, delivered consur	United Kingdom	British Pound	Tonne	Delivered at place
20	MB-AL-0019	Mixed turnings	Aluminium Scrap, Mixed Turnings, Europe, delivered consumer works, € per ton	Europe	Euro	Tonne	Delivered at place
21	MB-AL-0020	Aluminium P1020A	Aluminium P1020 duty paid premium delivered Midwest cents/lb	Midwest United States	US dollar	Pound	Delivered duty paid
22	MB-AL-0021	Aluminium P1020A	Aluminium P1020A, delivered Sao Paulo region, spot, $/tonne	Brazil	US dollar	Tonne	Delivered at place
23	MB-AL-0022	Aluminium P1020A	Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, $/tonne	Brazil	US dollar	Tonne	Cost, insurance and freight
24	MB-AL-0023	Aluminum Scrap Mixed Low Copper Clips	Mixed low copper clips aluminum scrap buying price delivered to Midwest sec	United States	US dollar	Pound	Delivered duty paid
25	MB-AL-0024	Aluminum Scrap Mixed High Copper Clips	Mixed high copper clips aluminum scrap buying price delivered to Midwest se	United States	US dollar	Pound	Delivered duty paid

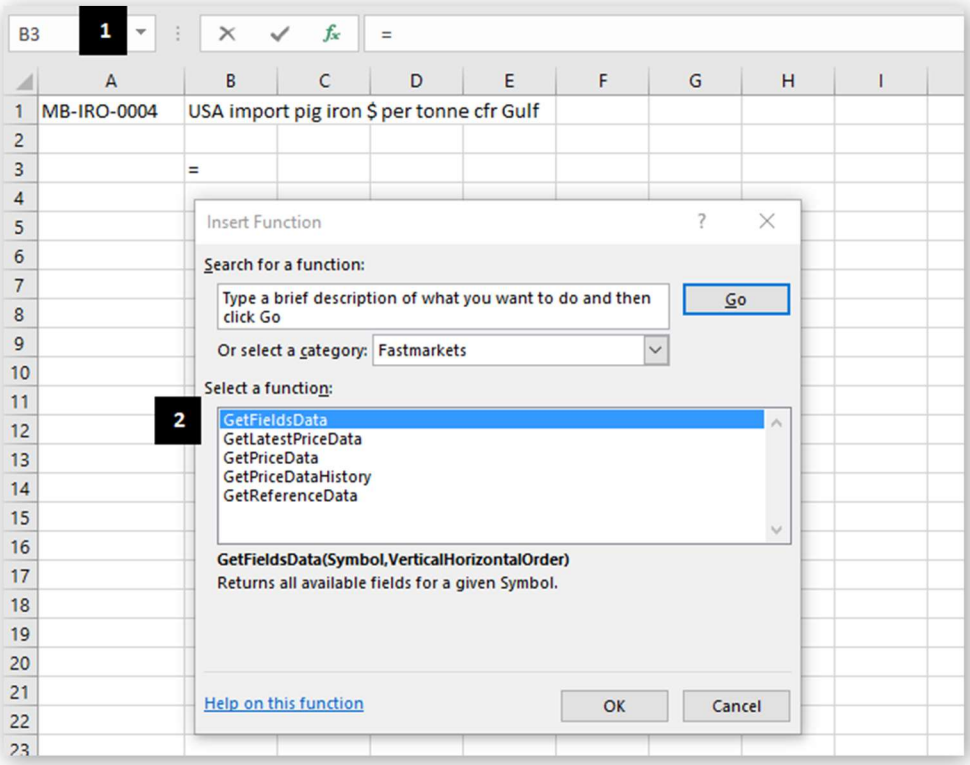
GET FIELDS DATA

The GetFieldsData() function can be used to identify the fields that are available for each symbol. **Each Fastmarkets price has a symbol – an alphanumeric code, unique to that price.** The table below provides a summary of this function.

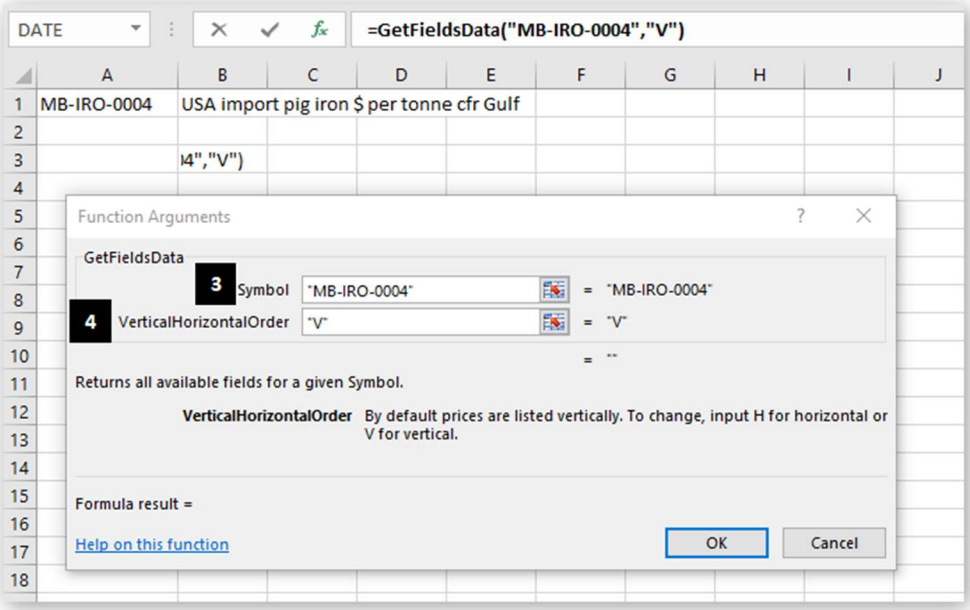
Function summary	The GetFieldsData function may be used to fetch the data fields that are available for a given symbol. The number of available fields depends on the type of price. For example, exchange prices (to be introduced in later phases) will have different price fields from physical prices.
Input parameters	Symbol; VerticalHorizontalOrder
Output for the function	Inserts an array displaying the available data fields. The fields available for physical prices are: Low, High, Mid, Location, Currency, UnitOfMeasurement, Incoterm and AssessmentDate.
Example	GetFieldsData(“FM-AL-0002”,“V”)

Get the data fields available for a particular price

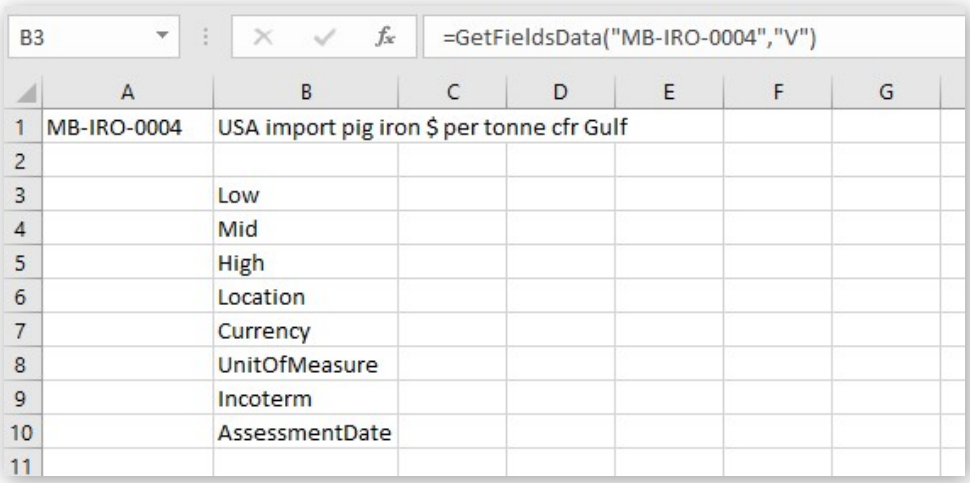
1. Select the cell where you want the data fields to be inserted (for example, B3).
2. Click on the “function wizard” icon (fx), choose the “Fastmarkets” category, select the “GetFieldsData” function and click OK.



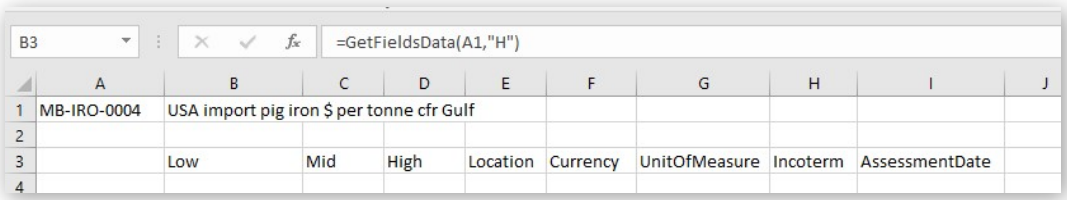
3. Enter the symbol. For this example, we’re using MB-IRO-0004.
4. For the “VerticalHorizontalOrder” field, enter “V” if you want the data fields to appear vertically or “H” if you want the data fields to appear horizontally. Then click OK.



The data fields available for the symbol will appear in the spreadsheet as shown below.



The screenshot below shows how the data fields would appear horizontally if “H” were typed into the “VerticalHorizontalOrder” field referenced in step 4.



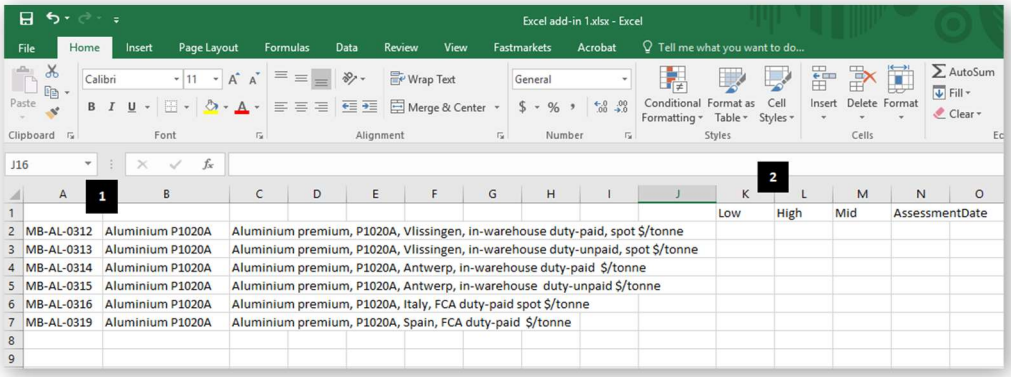
GET LATEST PRICE DATA

The GetLatestPriceData() function enables you to view the latest price information for symbols you select. The table below provides a summary of this function.

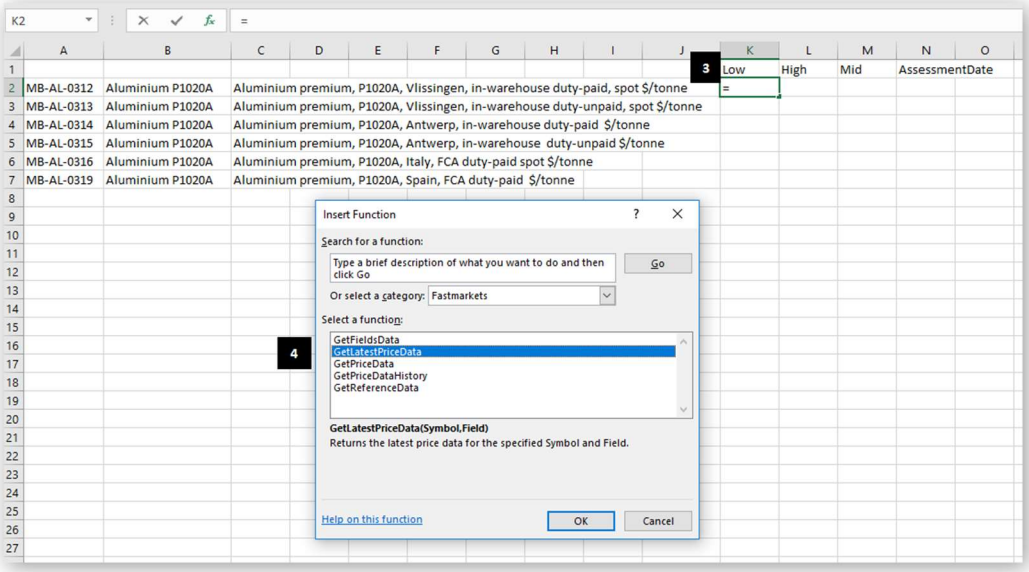
Function summary	The GetLatestPriceData function fetches the latest price for a symbol. It can be used to get fields such as Low, Mid and Currency. Because the function applies to an individual cell, it gives the user control over the layout of their workbook. Once the table is laid out, the formula may be dragged or copied to populate all cells.
Input parameters	Symbol; Field
Output for the function	The result is inserted in a single cell; it represents the most recent price data. For example, if a price is updated every Monday and the user requests a price for Tuesday, Wednesday, Thursday or Friday, the function returns Monday's price.
Example	=GetLatestPriceData("MB-AL-0312","Low")

View the latest price data for one or more symbols

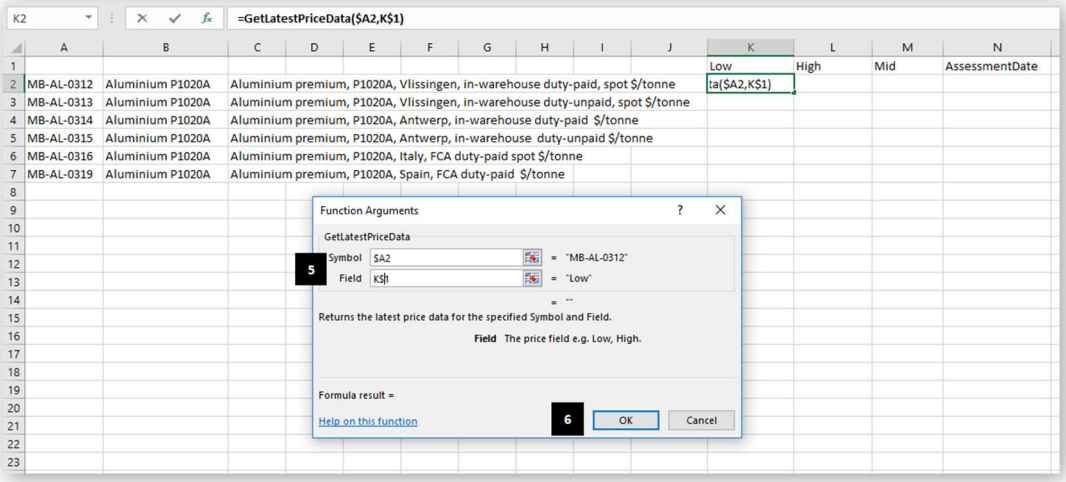
1. Copy the symbols for which you want to get the latest prices and paste them into a new sheet. For this example, we've chosen six aluminium premiums.
2. Fill in the column headers with the required price fields. **Fastmarkets' Excel Add-in currently supports the following fields: Low, High, Mid, Location, Currency, UnitOfMeasure, Incoterm and AssessmentDate (there are no spaces in the multiple-word fields).** For this example, we've chosen Low, High, Mid and AssessmentDate.



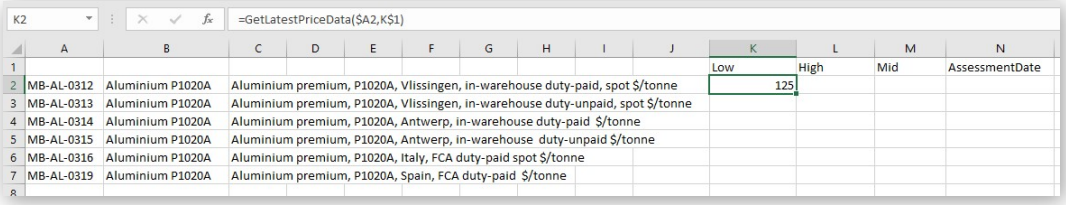
3. Select the cell where you want the first price to be inserted (for example, K2).
4. Click on the “function wizard” icon (fx). Choose the “Fastmarkets” category and select the “GetLatestPriceData” function.



5. Fill in the parameters as shown below:
   - **Symbol:** Type the cell reference where the first price symbol (for example, MB-AL-O312) has been inserted. Apply $ sign to the column where you’d like the first result to appear (for example, type $K2). This will allow you to copy the formula over to other fields.
   - **Field:** Type the cell reference where the first price field has been inserted (for example, “Low”). Apply $ sign to the row (for example, type C$1). This will allow you to copy the formula over to other cells.
6. Click OK.



The latest low price has now been inserted into cell K2 (see screenshot below).



	A	B	C	K	L	M	N
1				Low	High	Mid	AssessmentDate
2	MB-AL-0312	Aluminium P1020A	Aluminium premium, P1020A, Vlissingen, in-warehouse duty-paid, spot $/tonne	125			
3	MB-AL-0313	Aluminium P1020A	Aluminium premium, P1020A, Vlissingen, in-warehouse duty-unpaid, spot $/tonne				
4	MB-AL-0314	Aluminium P1020A	Aluminium premium, P1020A, Antwerp, in-warehouse duty-paid $/tonne				
5	MB-AL-0315	Aluminium P1020A	Aluminium premium, P1020A, Antwerp, in-warehouse duty-unpaid $/tonne				
6	MB-AL-0316	Aluminium P1020A	Aluminium premium, P1020A, Italy, FCA duty-paid spot $/tonne				
7	MB-AL-0319	Aluminium P1020A	Aluminium premium, P1020A, Spain, FCA duty-paid $/tonne				

7. Copy the formula over to get the information for all of the data fields you're seeking (see screenshot below). You can either grab the little square in the corner of the cell with the function in it and drag it across and down to highlight your entire table; or you can copy and paste the cell with the function in it into your entire table. Because you applied the $ sign in the formula, all retrieved data will point to one of the price symbols in column A and to one of the fields in row 1.

	A	B	C	K	L	M	N
1				Low	High	Mid	AssessmentDate
2	MB-AL-0312	Aluminium P1020A	Aluminium premium, P1020A, Vlissingen, in-warehouse duty-paid, spot $/tonne	125	133	129	12/11/2018
3	MB-AL-0313	Aluminium P1020A	Aluminium premium, P1020A, Vlissingen, in-warehouse duty-unpaid, spot $/tonne	65	73	69	12/11/2018
4	MB-AL-0314	Aluminium P1020A	Aluminium premium, P1020A, Antwerp, in-warehouse duty-paid $/tonne	125	133	129	12/11/2018
5	MB-AL-0315	Aluminium P1020A	Aluminium premium, P1020A, Antwerp, in-warehouse duty-unpaid $/tonne	65	73	69	12/11/2018
6	MB-AL-0316	Aluminium P1020A	Aluminium premium, P1020A, Italy, FCA duty-paid spot $/tonne	170	180	175	12/11/2018
7	MB-AL-0319	Aluminium P1020A	Aluminium premium, P1020A, Spain, FCA duty-paid $/tonne	170	180	175	12/11/2018

Refreshing the latest pricing data

Depending on your Excel settings, your pricing data may update automatically. If your Excel is set to update calculations automatically, you may simply refresh the data. To change this setting, go to Options → Formulas → Calculation options and change Workbook Calculation from Automatic to Manual. If Workbook Calculation is set to manual, the keystrokes are as follows:

- **F2 and Enter** to update a specific cell
- **Ctrl + Alt + F9** to update the entire spreadsheet

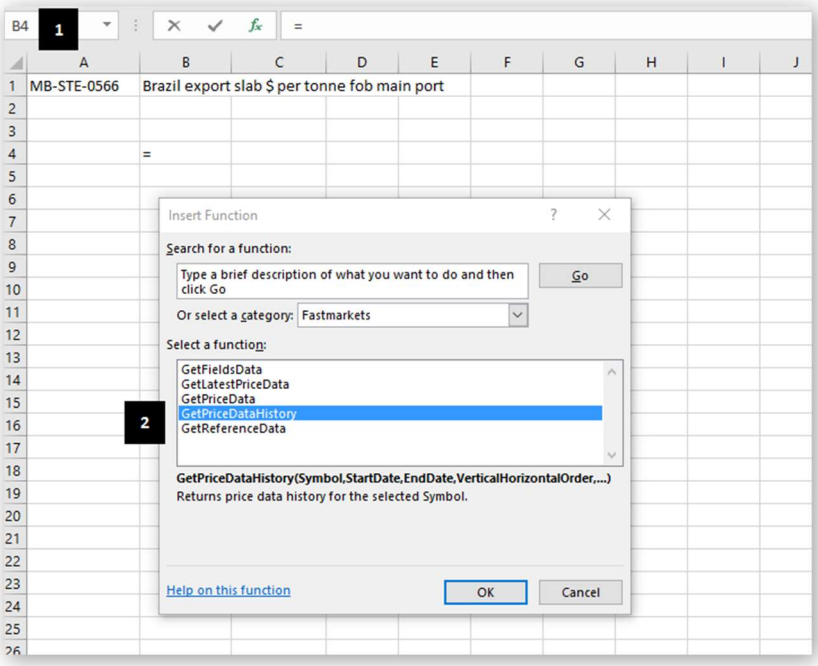
GET PRICE DATA HISTORY

The GetPriceDataHistory() function enables you to view historical prices for a symbol. The table below provides a summary of this function.

Function summary	The GetPriceDataHistory function can be used to fetch the price history for a given symbol. The user can specify the start and end date, horizontal or vertical layout and ascending or descending dates.
Input parameters	Symbol; StartDate; EndDate; VerticalHorizontalOrder; AscendingDescending; Field1 … Field 8
Output for the function	Inserts a series table displaying historical dates and corresponding price fields. The function displays weekdays from StartDate to EndDate. If there is no updated price for a given day, the function rolls the last available price forward. For example, if a price is updated every Monday, for Tuesday, Wednesday, Thursday and Friday, the function should return Monday's price.
Example	=GetPriceDataHistory("MB-AL-0001", "7/25/2014", "2/27/2018", "V", "A", "Low", Mid", "High", "Location", "Currency", "UnitOfMeasure", "AssessmentDate")

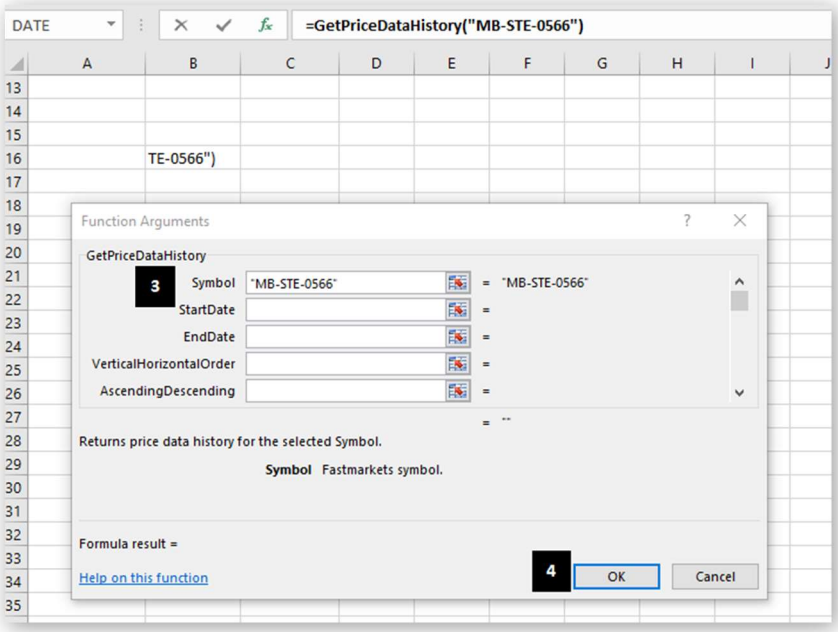
View the price history for a particular symbol

1. Select the cell where you want the price history to be inserted (for example, B4).
2. Click on the "function wizard" icon (f_x), choose the "Fastmarkets" category, select the "GetPriceDataHistory" function and click OK.

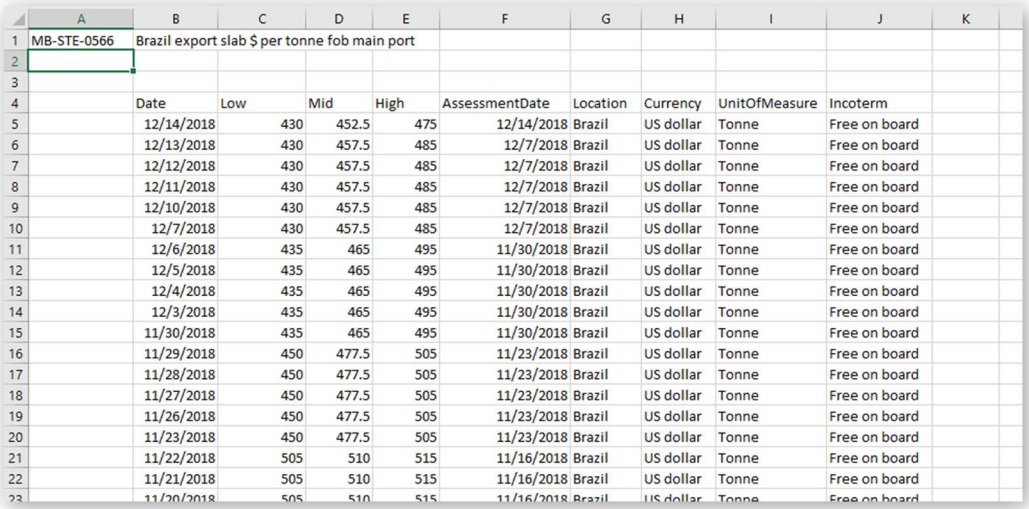


3. Fill in the Symbol field ONLY. This is the quickest way to get the full price history. You can fill in the StartDate and EndDate fields if you wish to narrow the price history to a specific range. Please note, the date format (mm/dd/yyyy versus dd/mm/yyyy) will be recognized based on your location. For example purposes only, we're using "MB-STE-0566."

4. Click OK.



The price data history has now been inserted into the sheet.



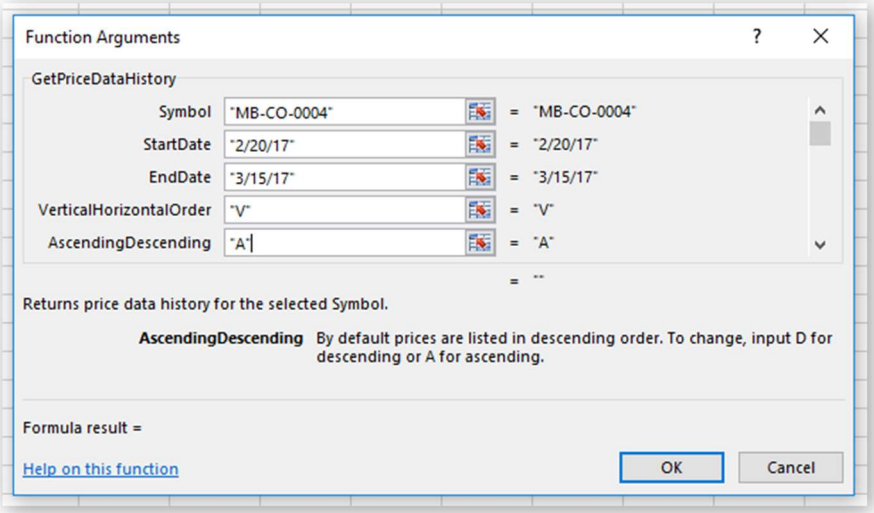
	A	B	C	D	E	F	G	H	I	J	K
1	MB-STE-0566	Brazil export slab $ per tonne fob main port									
2											
3											
4		Date	Low	Mid	High	AssessmentDate	Location	Currency	UnitOfMeasure	Incoterm	
5		12/14/2018	430	452.5	475	12/14/2018	Brazil	US dollar	Tonne	Free on board	
6		12/13/2018	430	457.5	485	12/7/2018	Brazil	US dollar	Tonne	Free on board	
7		12/12/2018	430	457.5	485	12/7/2018	Brazil	US dollar	Tonne	Free on board	
8		12/11/2018	430	457.5	485	12/7/2018	Brazil	US dollar	Tonne	Free on board	
9		12/10/2018	430	457.5	485	12/7/2018	Brazil	US dollar	Tonne	Free on board	
10		12/7/2018	430	457.5	485	12/7/2018	Brazil	US dollar	Tonne	Free on board	
11		12/6/2018	435	465	495	11/30/2018	Brazil	US dollar	Tonne	Free on board	
12		12/5/2018	435	465	495	11/30/2018	Brazil	US dollar	Tonne	Free on board	
13		12/4/2018	435	465	495	11/30/2018	Brazil	US dollar	Tonne	Free on board	
14		12/3/2018	435	465	495	11/30/2018	Brazil	US dollar	Tonne	Free on board	
15		11/30/2018	435	465	495	11/30/2018	Brazil	US dollar	Tonne	Free on board	
16		11/29/2018	450	477.5	505	11/23/2018	Brazil	US dollar	Tonne	Free on board	
17		11/28/2018	450	477.5	505	11/23/2018	Brazil	US dollar	Tonne	Free on board	
18		11/27/2018	450	477.5	505	11/23/2018	Brazil	US dollar	Tonne	Free on board	
19		11/26/2018	450	477.5	505	11/23/2018	Brazil	US dollar	Tonne	Free on board	
20		11/23/2018	450	477.5	505	11/23/2018	Brazil	US dollar	Tonne	Free on board	
21		11/22/2018	505	510	515	11/16/2018	Brazil	US dollar	Tonne	Free on board	
22		11/21/2018	505	510	515	11/16/2018	Brazil	US dollar	Tonne	Free on board	
23		11/20/2018	505	510	515	11/16/2018	Brazil	US dollar	Tonne	Free on board	

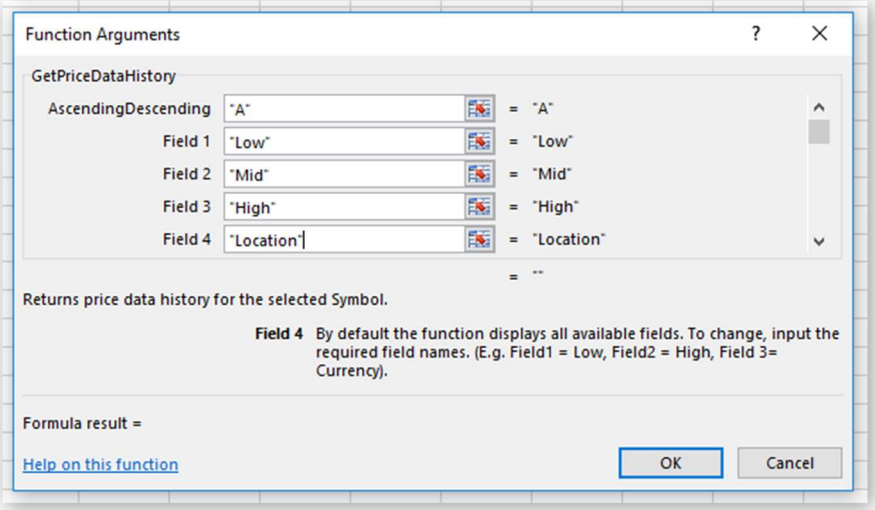
Customizing the price history display

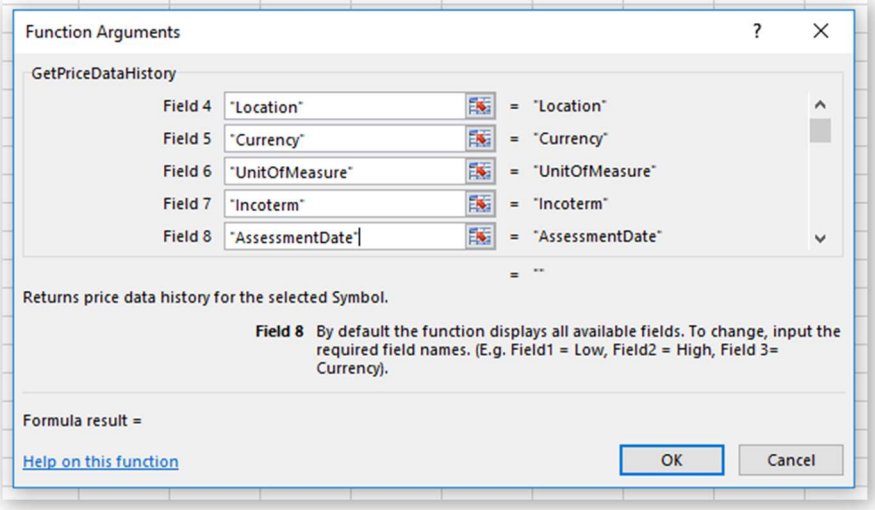
The function also allows you to customize the way the price history is displayed in your spreadsheet. The following steps describe the process.

1. Select the cell where you want the price history to be inserted (for example, B4).
2. Click on the “function wizard” icon (fx), choose the “Fastmarkets” category, select the “GetPriceDataHistory” function and click OK – just as you did before.
3. Fill in the parameters as below:
   - **Symbol:** “MB-CO-0004” (this symbol is being used for example purposes only)
   - **StartDate:** “2/20/17” (February 20, 2017)
   - **EndDate:** “3/15/17” (March 15, 2017)
   - **VerticalHorizontalOrder:** “V”
   - **AscendingDescending:** “A”
   - **Field1:** “Low”
   - **Field2:** “Mid”
   - **Field3:** “High”
   - **Field4:** “Location”
   - **Field5:** “Currency”
   - **Field6:** “UnitOfMeasure”
   - **Field7:** “Incoterm”
   - **Field8:** “AssessmentDate”

The following three screenshots show all of the parameters entered into the function arguments as outlined above.


Function Arguments
GetPriceDataHistory
Symbol "MB-CO-0004" = "MB-CO-0004"
StartDate "2/20/17" = "2/20/17"
EndDate "3/15/17" = "3/15/17"
VerticalHorizontalOrder "V" = "V"
AscendingDescending "A" = "A"
= ""
Returns price data history for the selected Symbol.
AscendingDescending By default prices are listed in descending order. To change, input D for descending or A for ascending.
Formula result =
Help on this function
OK
Cancel


Function Arguments
GetPriceDataHistory
AscendingDescending "A" = "A"
Field 1 "Low" = "Low"
Field 2 "Mid" = "Mid"
Field 3 "High" = "High"
Field 4 "Location" = "Location"
= ""
Returns price data history for the selected Symbol.
Field 4 By default the function displays all available fields. To change, input the required field names. (E.g. Field1 = Low, Field2 = High, Field 3= Currency).
Formula result =
Help on this function
OK
Cancel


Function Arguments
GetPriceDataHistory
Field 4 "Location" = "Location"
Field 5 "Currency" = "Currency"
Field 6 "UnitOfMeasure" = "UnitOfMeasure"
Field 7 "Incoterm" = "Incoterm"
Field 8 "AssessmentDate" = "AssessmentDate"
= ""
Returns price data history for the selected Symbol.
Field 8 By default the function displays all available fields. To change, input the required field names. (E.g. Field1 = Low, Field2 = High, Field 3= Currency).
Formula result =
Help on this function
OK
Cancel

4. Once you have finished populating the fields, click OK. The historical price table will flow into the sheet according to the specified parameters, as shown below.

	A	B	C	D	E	F	G	H	I	J	K	L
1	MB-CO-0004	Cobalt min 99.8% Co										
2												
3												
4		Date	Low	Mid	High	Location	Currency	UnitOfMeasure	Incoterm	AssessmentDate		
5		2/20/2017	20.75	21.075	21.4	Europe	US dollar	Pound	In Warehouse	2/17/2017		
6		2/21/2017	20.75	21.075	21.4	Europe	US dollar	Pound	In Warehouse	2/17/2017		
7		2/22/2017	22.5	23.175	23.85	Europe	US dollar	Pound	In Warehouse	2/22/2017		
8		2/23/2017	22.5	23.175	23.85	Europe	US dollar	Pound	In Warehouse	2/22/2017		
9		2/24/2017	23	23.575	24.15	Europe	US dollar	Pound	In Warehouse	2/24/2017		
10		2/27/2017	23	23.575	24.15	Europe	US dollar	Pound	In Warehouse	2/24/2017		
11		2/28/2017	23	23.575	24.15	Europe	US dollar	Pound	In Warehouse	2/24/2017		
12		3/1/2017	23.2	23.725	24.25	Europe	US dollar	Pound	In Warehouse	3/1/2017		
13		3/2/2017	23.2	23.725	24.25	Europe	US dollar	Pound	In Warehouse	3/1/2017		
14		3/3/2017	24.25	25.125	26	Europe	US dollar	Pound	In Warehouse	3/3/2017		
15		3/6/2017	24.25	25.125	26	Europe	US dollar	Pound	In Warehouse	3/3/2017		
16		3/7/2017	24.25	25.125	26	Europe	US dollar	Pound	In Warehouse	3/3/2017		
17		3/8/2017	24.7	25.6	26.5	Europe	US dollar	Pound	In Warehouse	3/8/2017		
18		3/9/2017	24.7	25.6	26.5	Europe	US dollar	Pound	In Warehouse	3/8/2017		
19		3/10/2017	25	25.875	26.75	Europe	US dollar	Pound	In Warehouse	3/10/2017		
20		3/13/2017	25	25.875	26.75	Europe	US dollar	Pound	In Warehouse	3/10/2017		
21		3/14/2017	25	25.875	26.75	Europe	US dollar	Pound	In Warehouse	3/10/2017		
22		3/15/2017	26.5	26.8	27.1	Europe	US dollar	Pound	In Warehouse	3/15/2017		
23												

Historic pricing data: frequently asked questions

1. **What is the longest time series I can download?**
   All historical pricing data is available in Fastmarkets' Excel Add-in. The length of the history will vary depending on when the price was launched.
2. **Can I choose between daily/weekly/monthly average prices?**
   Only actual prices are available in the current version of Fastmarkets' Excel Add-in.
3. **How can I see if a price was corrected?**
   In case of a price correction, the function returns the latest available version of the price (the latest corrected value). Corrected prices are not highlighted in the current release of Fastmarkets' Excel Add-in.
4. **Are non-assessment days excluded/included from the time series?**
   If there is no updated price for a given day, the function rolls the last available price forward.
5. **Are holiday calendars taken into account when displaying price history?**
   No. In the current release, Fastmarkets' Excel Add-in displays all weekdays between the start and end dates of the period.

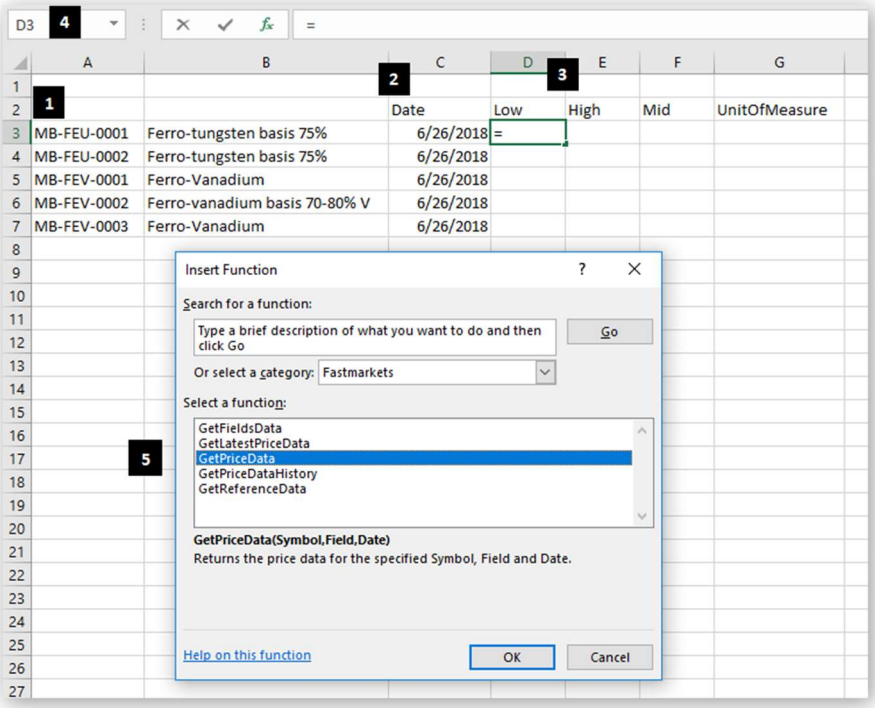
GET PRICE DATA

The GetPriceData() function enables you to view the price **for one or more symbols as of a given date**. The table below provides a summary of this function.

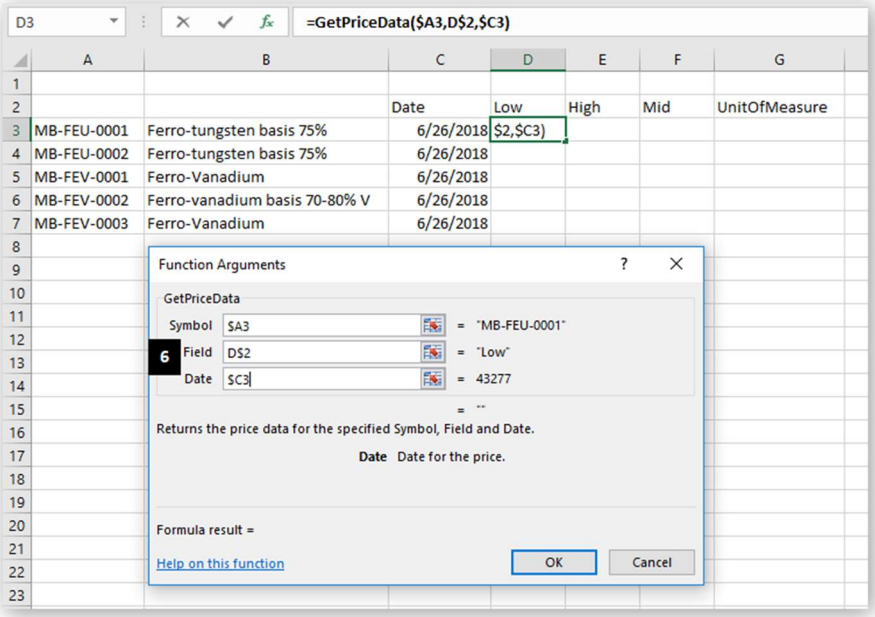
Function summary	The GetPriceData function fetches the price for a symbol as of a given date. It can be used to get the High, Mid and Currency fields, among others. Because the function applies to an individual cell, it gives the user control over the layout of their workbook. Once the table is laid out, the formula may be dragged or copied to fill other cells.
Input parameters	Symbol; Field; Date
Output for the function	Inserts a single field (for instance, High, Low, Mid, Currency) into the selected cell that represents the most recent price data as of the given date. The Excel Add-in rolls the last available price forward. For example, if a price is updated every Monday and the user requests the latest price on Tuesday, Wednesday, Thursday or Friday, the function returns Monday's price.
Example	=GetPriceData("MB-AL-0001", "Low","07/02/2018")

Get the price(s) for a specific date

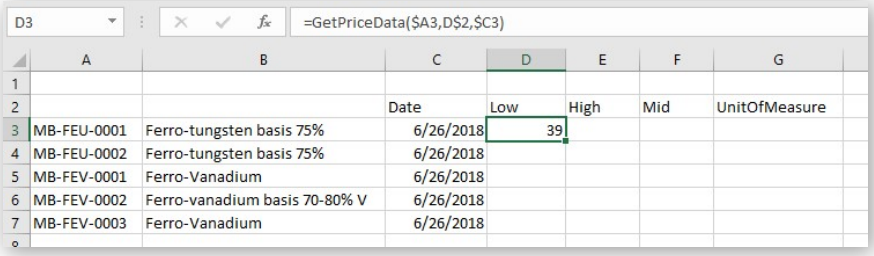
1. Copy and paste the required symbol(s) into a new sheet. For this example, we're using symbols "MB-FEU-0001," MB-FEU-0002," "MB-FEV-0001," "MB-FEV-0002" and "MB-FEV-0003."
2. Insert the date for which you want to display the price(s). For this example, we're using June 26, 2018.
3. Fill in the column headers with the required price fields. **Fastmarkets' Excel Add-in currently supports the following fields: Low, High, Mid, Location, Currency, UnitOfMeasure, Incoterm and AssessmentDate (there are no spaces in the multiple-word fields).** For this example, we're using Low, High, Mid and UnitOfMeasure.
4. Select the cell where you want the first price to be inserted (for this example, D3).
5. Click on the "function wizard" icon (f_x), choose the "Fastmarkets" category and select the "GetPriceData" function. Then click OK.



6. Fill in the parameters as below:
   - **Symbol:** Click on the cell where the first price symbol has been inserted (in this example, A3). Apply the $ sign to the column ($A3). This will allow you to copy the formula to other cells.
   - **Field:** Click on the cell where the first price field – "Low" – has been inserted (in this example, D2). Apply the $ sign to the row (D$2). This will allow you to copy the formula to other cells.
   - **Date:** Click on the cell where the date has been inserted (in this example, C3). Apply the $ sign to the row ($C3). This will allow you to copy the formula to other cells.



7. Click OK. The low price for the first symbol – MB-FEU-0001 – will appear in cell D3, as shown in the screenshot below.



	A	B	C	D	E	F	G
1							
2			Date	Low	High	Mid	UnitOfMeasure
3	MB-FEU-0001	Ferro-tungsten basis 75%	6/26/2018	39			
4	MB-FEU-0002	Ferro-tungsten basis 75%	6/26/2018				
5	MB-FEV-0001	Ferro-Vanadium	6/26/2018				
6	MB-FEV-0002	Ferro-vanadium basis 70-80% V	6/26/2018				
7	MB-FEV-0003	Ferro-Vanadium	6/26/2018				

8. Copy the formula over to get the information for all of the data fields you're seeking (see screenshot below). You can either grab the little square in the corner of the cell with the function in it and drag it across and down to highlight your entire table; or you can copy and paste the cell with the function in it into your entire table. Because you applied the $ sign in the formula, all retrieved data will point to one of the price symbols in column A and to one of the fields in row 2.

	A	B	C	D	E	F	G
1							
2			Date	Low	High	Mid	UnitOfMeasure
3	MB-FEU-0001	Ferro-tungsten basis 75%	6/26/2018	39	40	39.5	Kilogram
4	MB-FEU-0002	Ferro-tungsten basis 75%	6/26/2018	40	41	40.5	Kilogram
5	MB-FEV-0001	Ferro-Vanadium	6/26/2018	72.4	73.5	72.95	Kilogram
6	MB-FEV-0002	Ferro-vanadium basis 70-80% V	6/26/2018	34.5	35.5	35	Pound
7	MB-FEV-0003	Ferro-Vanadium	6/26/2018	68	76	72	Kilogram
8							

Fastmarkets

APPENDIX: ERROR MESSAGES

The table below summarizes the error messages that may appear for Excel Add-in users, along with description/examples. All of these error messages are cell-based – they indicate an error with the formula entered in the given cell.

ERROR MESSAGE	DESCRIPTION / EXAMPLE
#N/A Symbol not found	An invalid symbol was entered in the formula (for example, MB-AL-0000000001).
#N/A Invalid field: (field name)	An invalid field was entered in the formula. For example, the user enters the following: =GetPriceData("MB-AL-0001","Open","07/03/2018"), which specifies the field "Open" that is not among the supported fields for physical prices. In this example, the error message will display: #N/A Invalid field: Open.
#N/A Invalid parameter: (parameter name)	A parameter is missing in the formula. For example, the user tries to create the GetPriceData function without specifying the date. In this instance, the error message will display: #N/A Invalid parameter: Date.
#N/A Invalid parameter: VerticalHorizontalOrder	An invalid value was entered for the VerticalHorizontalOrder parameter (something other than "H" or "V").
#N/A Invalid parameter: AscendingDescending	An invalid value was entered for the AscendingDescending parameter (something other than "D" or "A").
#N/A Invalid parameter: End Date	An invalid End Date parameter was entered (for example, the user specified an End Date that comes before the Start Date).
#N/A Invalid parameter: Filter	An invalid Filter was entered in the GetReferenceData() function that doesn't return any results.
#N/A Log in required	You are not logged in.
#N/A Not authorized	You are not authorized to see the given price.
#N/A Update required	The user's version is below the minimum supported version.
#N/A Timeout	A network error occurred.
#N/A Server error	A server error occurred.
#N/A No data	No prices are available for the requested symbol.
#N/A N/A	Any other error case that is not covered above.