



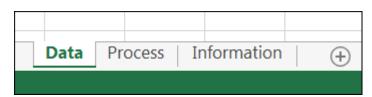
## Title: Web queries

## Instruction:

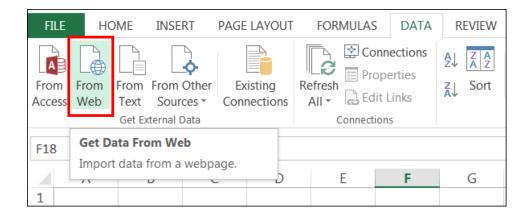
Use a spreadsheet to extract live data from a website, then convert that data into information.

## Required:

- 1. **Open** a new workbook and **save** the workbook as web\_query.xlsx
- 2. Create and name three worksheets 'Data', 'Processing' and 'Information'.



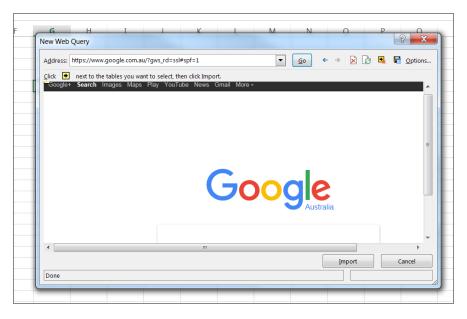
- 3. Select the data worksheet.
- 4. Select the Data menu then click the From Web icon.





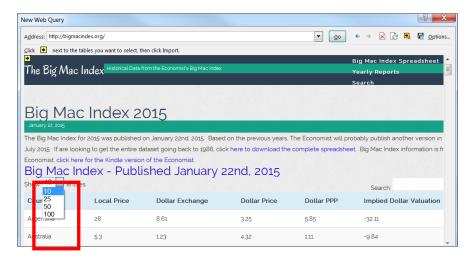


The New Web Query dialog box will appear:



Note: Click OK if 'An error has occurred in the script on this page' message appears.

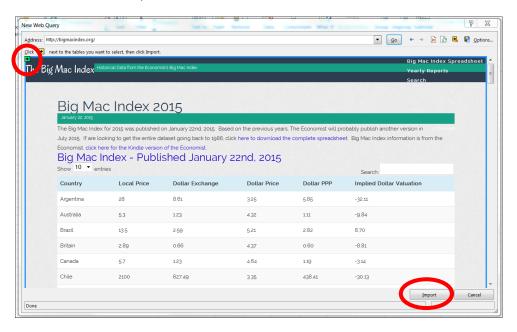
- 5. **Type** in the following address into the dialog box <a href="http://bigmacindex.org/">http://bigmacindex.org/</a> and click GO.
- 6. **Change** the Show Entries input from 10 to 100.







7. **Click** the black arrow on the yellow background in the top lefty hand corner of the page, then click import.



## The data from the webpage will now appear in the workbook:

	Α	В	С	D	Е	F
1	The Big Mac Index					
2						
3	Historical Data from the Economist's Big Mac Index					
4	= Navigation					
5						
6	Big Mac Index Spreadsheet					
7	Yearly Reports					
8	Search					
9						
10	Big Mac Index 2	015				
11	January 22, 2015 1 Comment					
11						
12	2011001 7 22, 202					
		lex for 2015 w	ras published on Januar	y 22nd, 2015. Bas	ed on the previous year	rs, The Economist will probabl
12		lex for 2015 w	as published on Januar	y 22nd, 2015. Bas	ed on the previous year	rs, The Economist will probabl
12 13	The Big Mac Ind		as published on Januar uary 22nd, 2015	y 22nd, 2015. Bas	ed on the previous year	rs, The Economist will probabl
12 13 14	The Big Mac Ind			y 22nd, 2015. Bas Dollar Price	ed on the previous year	rs, The Economist will probable
12 13 14 15	The Big Mac Ind	Published Jan	uary 22nd, 2015			
12 13 14 15 16	The Big Mac Ind Big Mac Index - Country	Published Jan Local Price	uary 22nd, 2015 Dollar Exchange	Dollar Price	Dollar PPP 5.85	Implied Dollar Valuation
12 13 14 15 16 17	The Big Mac Index - Big Mac Index - Country Argentina	Published Jan Local Price 28	uary 22nd, 2015 Dollar Exchange 8.61	Dollar Price 3.25	Dollar PPP 5.85	Implied Dollar Valuation
12 13 14 15 16 17 18	The Big Mac Index - Country Argentina Australia	Published Jan Local Price 28 5.3	uary 22nd, 2015 Dollar Exchange 8.61 1.23	Dollar Price 3.25 4.32	Dollar PPP 5.85	Implied Dollar Valuation -32.11 -9.84
12 13 14 15 16 17 18 19	The Big Mac Index - Country Argentina Australia Brazil	Published Jan Local Price 28 5.3 13.5	uary 22nd, 2015  Dollar Exchange  8.61  1.23  2.59	Dollar Price 3.25 4.32 5.21	Dollar PPP 5.85 1.11 2.82	Implied Dollar Valuation -32.11 -9.84 8.7
12 13 14 15 16 17 18 19 20	The Big Mac Index - Country Argentina Australia Brazil Britain	Published Jan Local Price 28 5.3 13.5 2.89	uary 22nd, 2015  Dollar Exchange  8.61  1.23  2.59  0.66	Dollar Price 3.25 4.32 5.21 4.37	Dollar PPP 5.85 1.11 2.82 0.6	Implied Dollar Valuation -32.11 -9.84 8.7 -8.81
12 13 14 15 16 17 18 19 20 21	The Big Mac Index - Country Argentina Australia Brazil Britain Canada	Published Jan Local Price 28 5.3 13.5 2.89	uary 22nd, 2015  Dollar Exchange  8.61  1.23  2.59  0.66  1.23	Dollar Price 3.25 4.32 5.21 4.37 4.64	Dollar PPP 5.85 1.11 2.82 0.6 1.19	Implied Dollar Valuation -32.11 -9.84 8.7 -8.81 -3.14
12 13 14 15 16 17 18 19 20 21 22	The Big Mac Index - Country Argentina Australia Brazil Britain Canada Chile	Published Jan Local Price 28 5.3 13.5 2.89 5.7 2100	uary 22nd, 2015  Dollar Exchange  8.61  1.23  2.59  0.66  1.23  627.49	Dollar Price 3.25 4.32 5.21 4.37 4.64 3.35	Dollar PPP 5.85 1.11 2.82 0.6 1.19 438.41 3.59	Implied Dollar Valuation -32.11 -9.84 8.7 -8.81 -3.14





- 8. Copy the data for the following countries to the 'Process' worksheet.
- Australia
- Britain
- Canada
- Hong Kong
- Indonesia
- Malaysia

- Saudi Arabia
- Singapore
- Sri Lanka
- Switzerland
- Vietnam

	Α	В	С	D	Е	F
1	Country	Local Price	Dollar Exchange	<b>Dollar Price</b>	<b>Dollar PPP</b>	Implied Dollar Valuation
2	Australia	5.3	1.23	4.32	1.11	-9.84
3	Britain	2.89	0.66	4.37	0.6	-8.81
4	Canada	5.7	1.23	4.64	1.19	-3.14
5	Hong Kong	18.8	7.75	2.43	3.92	-49.37
6	Indonesia	27939	12480	2.24	5832.78	-53.26
7	Malaysia	7.63	3.62	2.11	1.59	-55.94
8	Saudi Arabia	11	3.76	2.93	2.3	-38.87
9	Singapore	4.7	1.33	3.53	0.98	-26.4
10	Sri Lanka	350	131.88	2.65	73.07	-44.59
11	Switzerland	6.5	0.86	7.54	1.36	57.49
12	Vietnam	60000	21380	2.81	12526.1	-41.41
13						

9. **Create** a column chart of the (US) Dollar price of a Big Mac in each country. **Paste** the column chart on the 'Information' worksheet.

