

GETPIVOTDATA function in Excel

To quickly enter a GETPIVOTDATA function in Excel, type an equal sign (=) and click a cell in a [pivot table](#). The GETPIVOTDATA function can be quite useful.

1. First, select cell B14 below and type =D7 (without clicking cell D7 in the pivot table) to reference the amount of beans exported to France.

B14										
	A	B	C	D	E	F	G	H	I	J
1	Category	(All)								
2										
3	Sum of Amount	Column								
4	Row Labels	Apple	Banana	Beans	Broccoli	Carrots	Mango	Orange	Grand Total	
5	Australia	20634	52721	14433	17953	8106	9186	8680	131713	
6	Canada	24867	33775		12407		3767	19929	94745	
7	France	80193	36094	680	5341	9104	7388	2256	141056	
8	Germany	9082	39686	29905	37197	21636	8775	8887	155168	
9	New Zealand	10332	40050		4390			12010	66782	
10	United Kingdom	17534	42908	5100	38436	41815	5600	21744	173137	
11	United States	28615	95061	7163	26715	56284	22363	30932	267133	
12	Grand Total	191257	340295	57281	142439	136945	57079	104438	1029734	
13										
14	Beans to France	680								
15										

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2. Use the filter to only show the amounts of vegetables exported to each country.

B14								
	A	B	C	D	E	F	G	H
1	Category	Vegetables						
2								
3	Sum of Amount	Column Labels						
4	Row Labels	Beans	Broccoli	Carrots	Grand Total			
5	Australia	14433	17953	8106	40492			
6	Canada		12407		12407			
7	France	680	5341	9104	15125			
8	Germany	29905	37197	21636	88738			
9	New Zealand		4390		4390			
10	United Kingdom	5100	38436	41815	85351			
11	United States	7163	26715	56284	90162			
12	Grand Total	57281	142439	136945	336665			
13								
14	Beans to France	9104						
15								

Note: cell B14 now references the amount of carrots exported to France, not the amount of beans. GETPIVOTDATA to the rescue!

3. Remove the filter. Select cell B14 again, type an equal sign (=) and click cell D7 in the pivot table.

B14

=GETPIVOTDATA("Amount",\$A\$3,"Product","Beans","Country","France")

	A	B	C	D	E	F	G	H	I	J
1	Category	(All)								
2										
3	Sum of Amount	Column								
4	Row Labels	Apple	Banana	Beans	Broccoli	Carrots	Mango	Orange	Grand Total	
5	Australia	20634	52721	14433	17953	8106	9186	8680	131713	
6	Canada	24867	33775		12407		3767	19929	94745	
7	France	80193	36094	680	5341	9104	7388	2256	141056	
8	Germany	9082	39686	29905	37197	21636	8775	8887	155168	
9	New Zealand	10332	40050		4390			12010	66782	
10	United Kingdom	17534	42908	5100	38436	41815	5600	21744	173137	
11	United States	28615	95061	7163	26715	56284	22363	30932	267133	
12	Grand Total	191257	340295	57281	142439	136945	57079	104438	1029734	
13										
14	Beans to France	680								
15										

Note: Excel automatically inserts the GETPIVOTDATA function shown above.

4. Again, use the filter to only show the amounts of vegetables exported to each country.

B14								
	A	B	C	D	E	F	G	H
1	Category	Vegetables						

2							
3	Sum of Amount	Column Labels					
4	Row Labels	Beans	Broccoli	Carrots	Grand Total		
5	Australia	14433	17953	8106	40492		
6	Canada		12407		12407		
7	France	680	5341	9104	15125		
8	Germany	29905	37197	21636	88738		
9	New Zealand		4390		4390		
10	United Kingdom	5100	38436	41815	85351		
11	United States	7163	26715	56284	90162		
12	Grand Total	57281	142439	136945	336665		
13							
14	Beans to France	680 ✓					
15							

Note: the GETPIVOTDATA function correctly returns the amount of beans exported to France.

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5. The GETPIVOTDATA function can only return data that is visible. For example, use the filter to only show the amounts of fruit exported to each country.

B14		=GETPIVOTDATA("Amount",\$A\$3,"Product","Beans","Country","France")						
	A	B	C	D	E	F	G	H
1	Category	Fruit						
2								
3	Sum of Amount	Column Labels						
4	Row Labels	Apple	Banana	Mango	Orange	Grand Total		
5	Australia	20634	52721	9186	8680	91221		
6	Canada	24867	33775	3767	19929	82338		
7	France	80193	36094	7388	2256	125931		
8	Germany	9082	39686	8775	8887	66430		
9	New Zealand	10332	40050		12010	62392		
10	United Kingdom	17534	42908	5600	21744	87786		
11	United States	28615	95061	22363	30932	176971		
12	Grand Total	191257	340295	57079	104438	693069		
13								

14	Beans to France	#REF!							
15									

Note: the GETPIVOTDATA function returns a #REF! error because the value 680 (beans to France) is not visible.

6. The dynamic GETPIVOTDATA function below returns the amount of mango exported to Canada.

B16		=GETPIVOTDATA("Amount",\$A\$3,"Product",B14,"Country",B15)								
	A	B	C	D	E	F	G	H	I	J
1	Category	(All)								
2										
3	Sum of Amount	Column								
4	Row Labels	Apple	Banana	Beans	Broccoli	Carrots	Mango	Orange	Grand Total	
5	Australia	20634	52721	14433	17953	8106	9186	8680	131713	
6	Canada	24867	33775		12407		3767	19929	94745	
7	France	80193	36094	680	5341	9104	7388	2256	141056	
8	Germany	9082	39686	29905	37197	21636	8775	8887	155168	
9	New Zealand	10332	40050		4390			12010	66782	
10	United Kingdom	17534	42908	5100	38436	41815	5600	21744	173137	
11	United States	28615	95061	7163	26715	56284	22363	30932	267133	
12	Grand Total	191257	340295	57281	142439	136945	57079	104438	1029734	
13										
14	Product	Mango								
15	Country	Canada								
16	Amount	3767								
17										

Note: this GETPIVOTDATA function has 6 arguments (data field, a reference to any cell inside the pivot table and 2 field/item pairs). Create a [drop-down list](#) in cell B14 and cell B15 to quickly select the first and second item (see downloadable Excel file).

7. The GETPIVOTDATA function below has 4 arguments (data field, a reference to any cell inside the pivot table and 1 field/item pair) and returns the total amount exported to the USA.

B14		=GETPIVOTDATA("Amount",\$A\$3,"Country","United States")								
	A	B	C	D	E	F	G	H	I	J
1	Category	(All)								
2										
3	Sum of Amount	Column								
4	Row Labels	Apple	Banana	Beans	Broccoli	Carrots	Mango	Orange	Grand Total	
5	Australia	20634	52721	14433	17953	8106	9186	8680	131713	
6	Canada	24867	33775		12407		3767	19929	94745	
7	France	80193	36094	680	5341	9104	7388	2256	141056	
8	Germany	9082	39686	29905	37197	21636	8775	8887	155168	
9	New Zealand	10332	40050		4390			12010	66782	

10	United Kingdom	17534	42908	5100	38436	41815	5600	21744	173137
11	United States	28615	95061	7163	26715	56284	22363	30932	→ 267133
12	Grand Total	191257	340295	57281	142439	136945	57079	104438	1029734
13									
14	Export to USA	267133							
15									

8. If the total amount exported to the USA changes (for example, by using a filter), the value returned by the GETPIVOTDATA function also changes.

If you don't want Excel to automatically insert a GETPIVOTDATA function, you can turn off this feature.

9. Click any cell inside the pivot table.

10. On the PivotTable Analyze tab, in the PivotTable group, click the drop-down arrow next to Options and uncheck Generate GetPivotData.

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