Multi-level Pivot Table in Excel

You can drag more than one field to an area in a pivot table. We'll look at an example of multiple row fields, multiple value fields and multiple report filter fields.

Remember, our data set consists of 213 records and 6 fields. Order ID, Product, Category, Amount, Date and Country.

	A	B	C	D	E	F	G	H
1	Order ID	Product	Category	Amount	Date	Country		
2	1	Carrots	Vegetables	$4,270	1/6/2024	United States		
3	2	Broccoli	Vegetables	$8,239	1/7/2024	United Kingdom		
4	3	Banana	Fruit	$617	1/8/2024	United States		
5	4	Banana	Fruit	$8,384	1/10/2024	Canada		
6	5	Beans	Vegetables	$2,626	1/10/2024	Germany		
7	6	Orange	Fruit	$3,610	1/11/2024	United States		
8	7	Broccoli	Vegetables	$9,062	1/11/2024	Australia		
9	8	Banana	Fruit	$6,906	1/16/2024	New Zealand		
10	9	Apple	Fruit	$2,417	1/16/2024	France		

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Excel

Data analysis

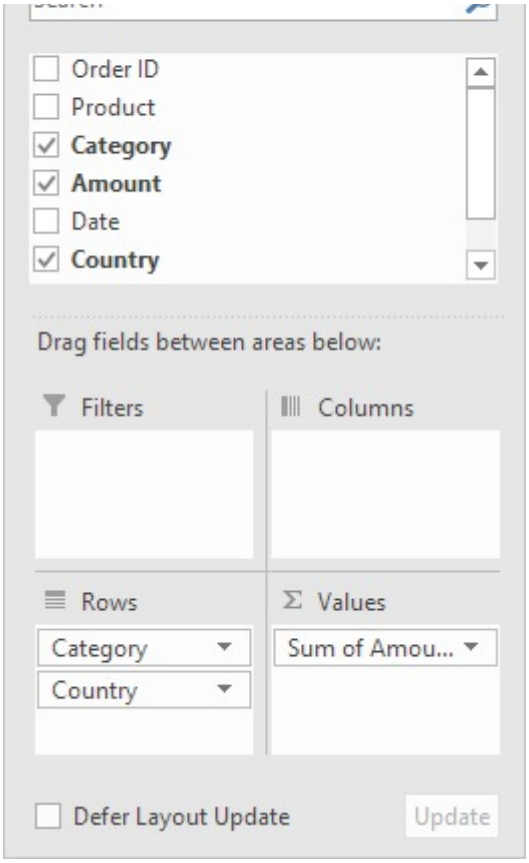
Data Analysis

✦ Multiple Row Fields

First, insert a pivot table. Next, drag the following fields to the different areas.

1. Category field and Country field to the Rows area.

2. Amount field to the Values area.



Below you can find the multi-level pivot table.

	A	B	C
1			
2			
3	**Row Labels**	**Sum of Amount**	
4	**Fruit**	**693069**	
5	Australia	91221	
6	Canada	82338	
7	France	125931	
8	Germany	66430	
9	New Zealand	62392	
10	United Kingdom	87786	
11	United States	176971	
12	**Vegetables**	**336665**	
13	Australia	40492	
14	Canada	12407	
15	France	15125	
16	Germany	88738	
17	New Zealand	4390	
18	United Kingdom	85351	
19	United States	90162	
20	**Grand Total**	**1029734**	
21			

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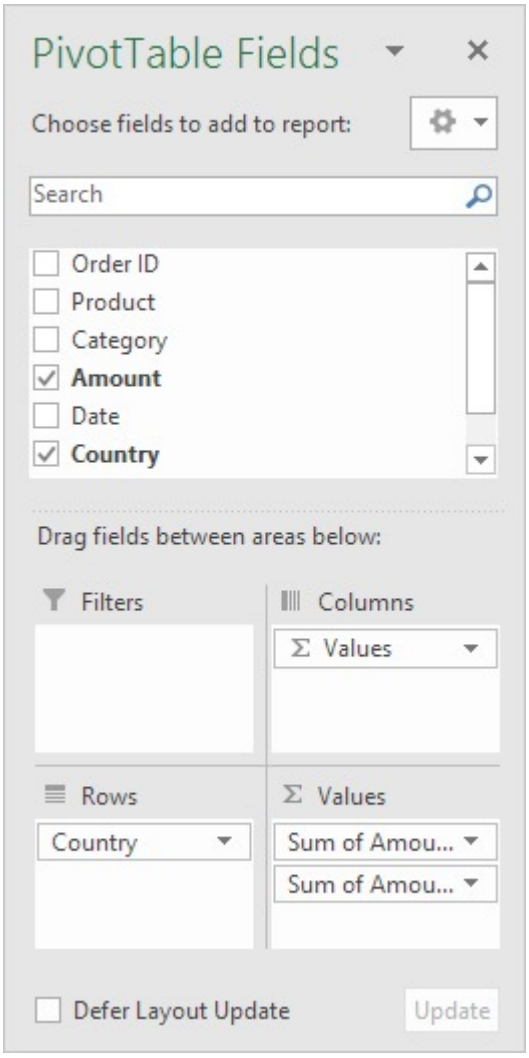
✦ Multiple Value Fields

First, insert a pivot table. Next, drag the following fields to the different areas.

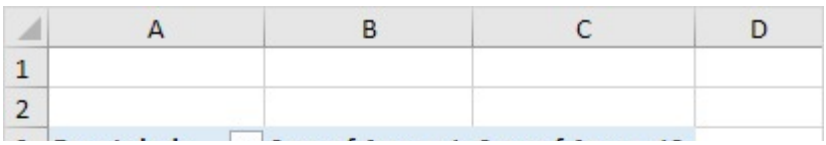
1. Country field to the Rows area.

2. Amount field to the Values area (2x).



Note: if you drag the Amount field to the Values area for the second time, Excel also populates the Columns area.

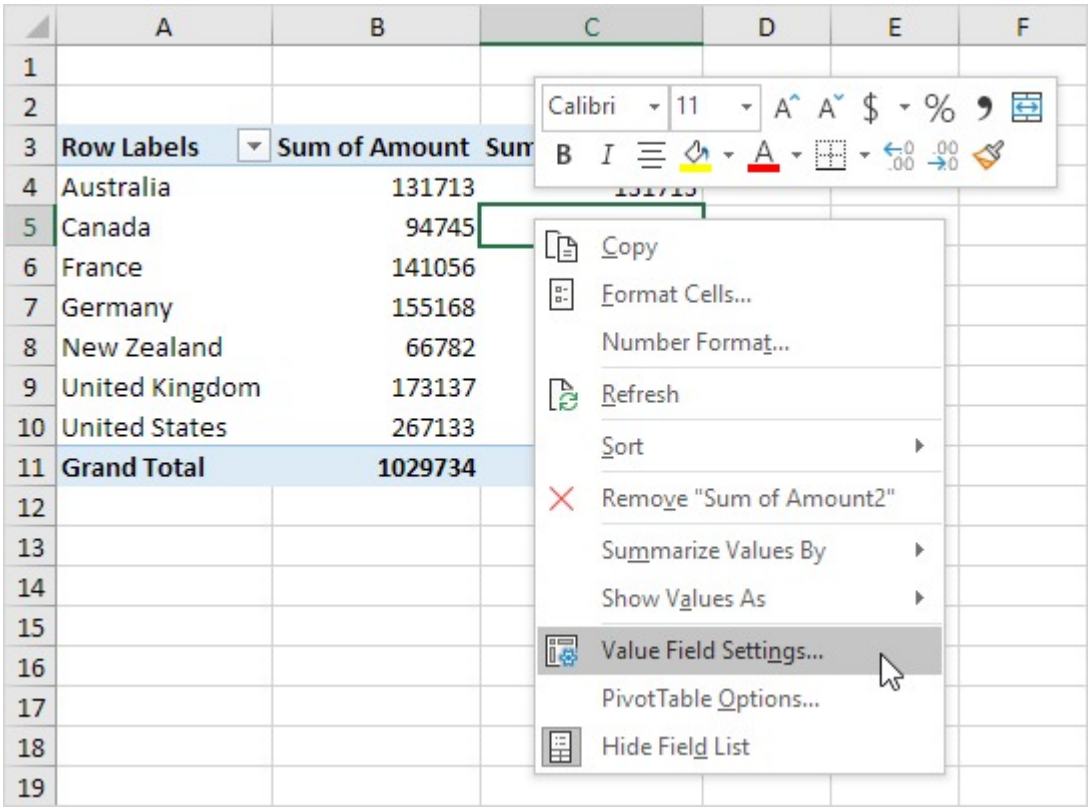
Pivot table:



3	Row Labels	Sum of Amount	Sum of Amount2
4	Australia	131713	131713
5	Canada	94745	94745
6	France	141056	141056
7	Germany	155168	155168
8	New Zealand	66782	66782
9	United Kingdom	173137	173137
10	United States	267133	267133
11	**Grand Total**	**1029734**	**1029734**
12			

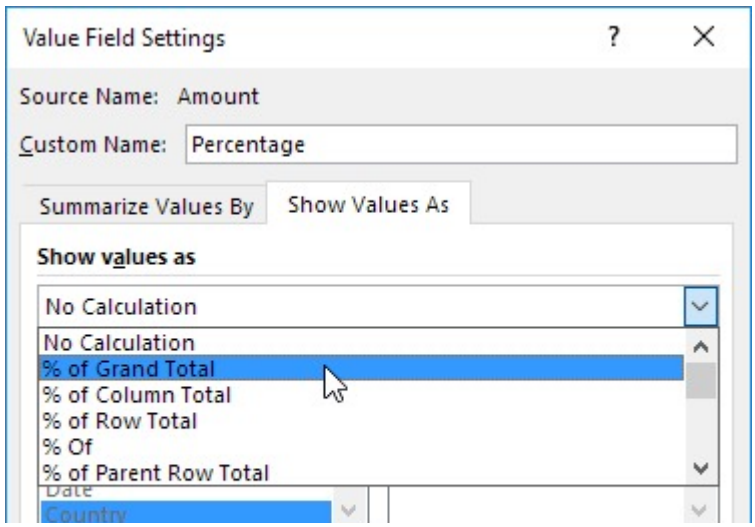
3. Next, click any cell inside the Sum of Amount2 column.

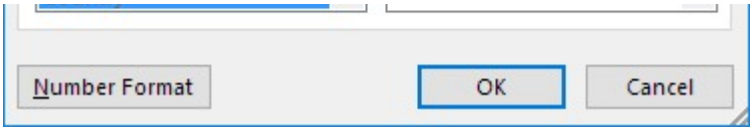
4. Right click and click on Value Field Settings.



5. Enter Percentage for Custom Name.

6. On the Show Values As tab, select % of Grand Total.





7. Click OK.

Result:

✦ Multiple Report Filter Fields

First, insert a pivot table. Next, drag the following fields to the different areas.

1. Order ID to the Rows area.

2. Amount field to the Values area.

3. Country field and Product field to the Filters area.

4. Next, select United Kingdom from the first filter drop-down and Broccoli from the second filter drop-down.

The pivot table shows all the 'Broccoli' orders to the United Kingdom.

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⭳ Download Excel File

- multi-level-pivot-table.xlsx

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