

Conditional counting function in Excel

Conditional counting function in Excel. Are you looking for conditional counting function in Excel to use counting data during data processing in Excel spreadsheets? The COUNTIF function is a conditional counting function in Excel, below is the description, syntax and usage

Are you looking for conditional counting function in Excel to use counting data during data processing in Excel spreadsheets? The COUNTIF function is a conditional counting function in Excel, below is the description, syntax and usage of conditional counting function in Excel invite you to follow.

	A	B	C	D	E	F	G
1							
2							
3	HÀM ĐẾM CÓ ĐIỀU KIỆN TRONG EXCEL						
4	<i>thuthuatphanmem.vn</i>						
5							
6							
7							
8			=COUNTIF(
9			COUNTIF(range; criteria)				
10							
11							
12							
13							
14							
15							

Description

The COUNTIF function is a conditional counting function in Excel, you can count data based on a specified condition.

Syntax

= COUNTIF (range; criteria)

Where **range** is required, the area where you want to count data. It may contain numbers, arrays, or references that contain numbers . Blank values ??are ignored.

Criteria (required), this is a condition for counting values ??in range, it can be numbers, expressions, cell references or text strings.

1. If you want to count with multiple conditions then you use the COUNTIFS function. (insert the link <http://TipsMake.vn/ham-countifs-in-excel/> into the name of COUNTIFS for me)

Note

1. The COUNTIF function returns false results when you use conditions with strings longer than 255 characters.
2. The **criteria** argument is enclosed in quotation marks.
3. **Criteria is** not case-sensitive.
4. It is possible to use a question mark (?) And asterisk (*) in **criteria** (1 question mark corresponds to 1 character, 1 star corresponds to a string of characters). If you want to use a question mark or asterisk not as a wildcard then you need to add the ~ character before it.

For example

Give the following table of data:

	A	B	C	D	E	F	G	H	
1	HÀM ĐẾM CÓ ĐIỀU KIỆN TRONG EXCEL								
2	<i>thuthuatphanmem.vn</i>								
3									
4									
5	Đơn hàng	Tên mặt hàng	Đơn giá (vnd/kg)	SL bán (kg)	Ngày bán	Tổng tiền (vnd)			
6	1	Quýt	35.000	10	26/08/2018	350.000			
7	2	Cam	33.000	7	26/08/2018	231.000			
8	3	Bơ	35.000	6	26/08/2018	210.000			
9	4	Nho	60.000	15	26/08/2018	900.000			
10	5	Đào	50.000	11	26/08/2018	550.000			
11	6	Cam	33.000	9	27/08/2018	297.000			
12	7	Lê	40.000	10	27/08/2018	400.000			
13	8	Táo	30.000	12	27/08/2018	360.000			
14	9	Cam	33.000	10	27/08/2018	330.000			
15									
16									
17									
18									
19									
20									

1. Count the number of orders with the product name Orange.

To make this request, you enter the CountIf function formula as follows:

= COUNTIF (B6: B14; "Orange")

As a result, you will see that there are 3 orders with items that are Orange.

B16 : X ✓ fx =COUNTIF(B6:B14;"Cam")

Đơn hàng	Tên mặt hàng	Đơn giá (vnd/kg)	SL bán (kg)	Ngày bán	Tổng tiền (vnd)
1	Quýt	35.000	10	26/08/2018	350.000
2	Cam	33.000	7	26/08/2018	231.000
3	Bơ	35.000	6	26/08/2018	210.000
4	Nho	60.000	15	26/08/2018	900.000
5	Đào	50.000	11	26/08/2018	550.000
6	Cam	33.000	9	27/08/2018	297.000
7	Lê	40.000	10	27/08/2018	400.000
8	Táo	30.000	12	27/08/2018	360.000
9	Cam	33.000	10	27/08/2018	330.000

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2. Count the number of orders with an item name other than Cam.

You use the function formula provided that it is not 'Cam' > Cam '

= COUNTIF (B6: B14; "> Orange")

You will get a result of 6 as follows:

B16 : X ✓ fx =COUNTIF(B6:B14;"<>Cam")

Đơn hàng	Tên mặt hàng	Đơn giá (vnd/kg)	SL bán (kg)	Ngày bán	Tổng tiền (vnd)
1	Quýt	35.000	10	26/08/2018	350.000
2	Cam	33.000	7	26/08/2018	231.000
3	Bơ	35.000	6	26/08/2018	210.000
4	Nho	60.000	15	26/08/2018	900.000
5	Đào	50.000	11	26/08/2018	550.000
6	Cam	33.000	9	27/08/2018	297.000
7	Lê	40.000	10	27/08/2018	400.000
8	Táo	30.000	12	27/08/2018	360.000
9	Cam	33.000	10	27/08/2018	330.000

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3. Count the quantity of orders with quantity sold > = 10 kg.

You use the condition '> = 10' in the sales SL column and the counting range is the sales SL column , the formula is as follows:

= COUNTIF (D6: D14; "> = 10")

Your result will be 6 orders:

B16 fx =COUNTIF(D6:D14;">=10")

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Đơn hàng	Tên mặt hàng	Đơn giá (vnd/kg)	SL bán (kg)	Ngày bán	Tổng tiền (vnd)
1	Quýt	35.000	10	26/08/2018	350.000
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5	Đào	50.000	11	26/08/2018	550.000
6	Cam	33.000	9	27/08/2018	297.000
7	Lê	40.000	10	27/08/2018	400.000
8	Táo	30.000	12	27/08/2018	360.000
9	Cam	33.000	10	27/08/2018	330.000

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4. Count the order number with the product's name Orange using an alternate character *

Instead of typing Cam in CountIf condition, you can enter C * to count.

= COUNTIF (B6: B14; "C *")

The results you also get 3 orders:

B16 fx =COUNTIF(B6:B14;"C*")

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5	Đào	50.000	11	26/08/2018	550.000
6	Cam	33.000	9	27/08/2018	297.000
7	Lê	40.000	10	27/08/2018	400.000
8	Táo	30.000	12	27/08/2018	360.000
9	Cam	33.000	10	27/08/2018	330.000

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5. Count the number of orders with the names of items other than cell B7 (Orange).

You can use the '&' character before the reference cell in the CountIf function condition as follows:

= COUNTIF (B6: B14; ">" & B7)

The results you will get are:

B16 `=COUNTIF(B6:B14;"<"&B7)`

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11	6	Cam	33.000	9	27/08/2018	297.000		
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13	8	Táo	30.000	12	27/08/2018	360.000		
14	9	Cam	33.000	10	27/08/2018	330.000		
15								
16								
17								

So, if you need to conditionally count in Excel, you can use the COUNTIF function. Above the article introduced you to describe, syntax, usage and examples of COUNTIF function in Excel. Hope this article will be helpful to you.

Good luck!

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