

What is the COUNT function used for? Some things to note when using it.

Many Excel users, especially beginners, wonder what the COUNT function is used for. In fact, there are five different types of COUNT functions in Excel. This article from TipsMake will introduce you to the COUNT function and how to use it in Excel.

The COUNT function in Excel is a useful tool that helps users count the number of cells in a spreadsheet based on certain criteria. Details about the different types of Excel COUNT functions and how to use them can be found in the following section.



Learn about the COUNT function in Excel.

Table of Contents:

1. What is the COUNT function in Excel?
2. Syntax of the COUNT function in Excel .
3. The COUNTIF function in Excel and how to use it .
4. What is the COUNT function used for?
5. Some notes when using the COUNT function in Excel .

1. What is the COUNT function in Excel?

As the name suggests, the COUNT function is used to count cells in Excel. Specifically, the COUNT function will count all numerical values ??within a defined range on the worksheet. The COUNT function can be considered a statistical function, where the returned values ??are displayed as integers.

In addition, the COUNT function in Excel is also one of the useful functions used in financial analysis, helping you identify or analyze data if you want to count corresponding cells within a specific range.

2. Syntax of the COUNT function in Excel

The syntax for the COUNT function in Excel is as follows:

COUNT(value1,[value2],..)

In there:

value1 (required argument): the first value or range you want to count using the COUNT function.

value2. (optional argument): additional values ??or ranges you want to count using the COUNT function.

Note:

- The COUNT function only works with numeric data. Therefore, the COUNT function will ignore any cells containing data that is not a number.
- The parameters in the COUNT function above are separated by commas.

Additionally, readers can also refer to the most detailed and complete explanation of the COUNT function syntax in Excel, along with examples, here to better understand its usage.

3. The COUNTIF function in Excel and how to use it.

3.1. Syntax of the COUNTIF function

The COUNTIF function counts cells that match a user-defined criterion. The specific syntax is as follows:

=COUNTIF(range,criteria)

In there:

- **Range** is the counting range of the COUNTIF function, for example, a column in a table.
- **Criteria** is the condition of the COUNTIF function, for example, "70" or "">

Thus, the COUNTIF function counts the number of cells within a given range that satisfy a predefined condition and returns the result.

| | A | B | C | D | E | F | G | H | I |
|----|----|--------------|-------------|------------|------|-----------|---|---|---|
| 1 | id | Ngày báo cáo | Địa điểm | Quốc gia | Tuổi | Giới tính | | | |
| 2 | 1 | 20/1/2020 | Thâm Quyển | Trung Quốc | 66 | nam | | | |
| 3 | 2 | 20/1/2020 | Thượng Hải | Trung Quốc | | nữ | | | |
| 4 | 3 | 21/1/2020 | Triết Giang | Trung Quốc | 46 | nam | | | |
| 5 | 4 | 21/1/2020 | Thiên Tân | Trung Quốc | | nữ | | | |
| 6 | 5 | 21/1/2020 | Thiên Tân | Trung Quốc | 58 | nam | | | |
| 7 | | | | | | | | | |
| 8 | | | 2 | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |

3.2. Examples and usage of the COUNTIF function in Excel

Example 1:

For example, if you want to count the number of cells containing "Tianjin" in the table above, the syntax for the counting function would be as follows:

=COUNTIF(C2:C6, "Tianjin")

The result returned will be 2.

- COUNTIF can count both cells containing numerical and text data.
- You can use an asterisk (*) to count cells that contain a specific character or word in their data.

For example, to count the number of cells containing the specific phrase "Hubei" within the range C1 to C8, we enter the formula.

=COUNTIF(C2:C8, "*Hubei*")

The result returned will be 2.

| | A | B | C | D | E | F | G | H |
|----|----|--------------|----------------|------------|------|-----------|---|---|
| 1 | id | Ngày báo cáo | Địa điểm | Quốc gia | Tuổi | Giới tính | | |
| 2 | 1 | 20/1/2020 | Thâm Quyển | Trung Quốc | 66 | nam | | |
| 3 | 2 | 20/1/2020 | Thượng Hải | Trung Quốc | 67 | nữ | | |
| 4 | 3 | 21/1/2020 | Triết Giang | Trung Quốc | 46 | nam | | |
| 5 | 4 | 21/1/2020 | Thiên Tân | Trung Quốc | 66 | nữ | | |
| 6 | 5 | 21/1/2020 | Thiên Tân | Trung Quốc | 58 | nam | | |
| 7 | 6 | 26/9/2020 | Vũ Hán, Hồ Bắc | Trung Quốc | 61 | nam | | |
| 8 | 7 | 17/3/2020 | Vũ Hán, Hồ Bắc | Trung Quốc | 69 | nữ | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | 2 |

- COUNTIF is also used to count the number of cells that meet the conditions of greater than, less than, or equal to.

For example, let's say we want to count the number of cells in the range E1 to E6 that have a value greater than or equal to 60 in the table below. The counting function formula would be as follows:

=COUNTIF(E2:E6, ">=60")

The result returned is 5.

| | A | B | C | D | E | F | G | H | I |
|----|----|--------------|----------------|------------|------|-----------|---|---|---|
| 1 | id | Ngày báo cáo | Địa điểm | Quốc gia | Tuổi | Giới tính | | | |
| 2 | 1 | 20/1/2020 | Thâm Quyển | Trung Quốc | 66 | nam | | | |
| 3 | 2 | 20/1/2020 | Thượng Hải | Trung Quốc | 67 | nữ | | | |
| 4 | 3 | 21/1/2020 | Triết Giang | Trung Quốc | 46 | nam | | | |
| 5 | 4 | 21/1/2020 | Thiên Tân | Trung Quốc | 66 | nữ | | | |
| 6 | 5 | 21/1/2020 | Thiên Tân | Trung Quốc | 58 | nam | | | |
| 7 | 6 | 26/9/2020 | Vũ Hán, Hồ Bắc | Trung Quốc | 61 | nam | | | |
| 8 | 7 | 17/3/2020 | Vũ Hán, Hồ Bắc | Trung Quốc | 69 | nữ | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | 5 |

Example 2:

Here are some other examples of using the COUNTIF function to count the number of cells that meet the conditions of greater than, less than, or equal to:

=COUNTIF(C1:C10, "<60"): counts the number of cells containing a value less than 60.

=COUNTIF(C1:C10,"<= 60"): counts the number of cells containing a value less than or equal to 60.

=COUNTIF(C1:C10,"> 60"): Counts the number of cells containing a value greater than 60.

=COUNTIF(C1:C10,">= 60"): Counts the number of cells containing a value greater than or equal to 60.

=COUNTIF(C1:C10,"= 60"): Counts the number of cells containing the value 60.

=COUNTIF(C1:C10,"<> 60"): Counts the number of cells containing a value other than 60.

To better understand how to use the COUNTIF function in Excel, you can refer directly to the guide below.

- Count values containing numbers, dates, or text displayed as numbers.
- Count lists of parameters containing logical values or displayed as text.
- Do not count error values or text that cannot be converted to numbers.

In addition, the COUNT function has been extended to include the COUNTA, COUNTIF, COUNTIFS, and COUNTBLANK functions, each with the following specific capabilities:

- The COUNTA function is used to count values in both numerical and text formats.
- The COUNTIF function is used to count based on a single condition.
- The COUNTIFS function counts based on multiple conditions.
- The COUNTBLANK function is used to count empty cells.

- Only numerical values are counted in the COUNT function.
- The COUNT function ignores empty cells, text, string values, or error values in a row.
- If the COUNT function is applied to a range of empty cells, the return value will be 0.
- Excel's COUNT function ignores values where text is accompanied by numbers. For example, =Count("145 TipsMake") will return 0.
- The COUNT function can also be applied to logical functions such as TRUE or FALSE. - If both TRUE and FALSE logical functions are provided in the same selected range, the return value will be 0.
- If you want to count all values in a specific range, use the COUNTA function.
- If you only want to count numbers that meet a certain condition, use the COUNTIF or COUNTIFS functions.

The information above should explain what the COUNT function is used for in Excel. Besides the COUNT function, VLOOKUP is also a popular and useful function in Excel. To learn more about using the VLOOKUP function in Excel , you can find more information here.

You finished reading the article "**What is the COUNT function used for? Some things to note when using it.**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.