

QUARTILE.EXC function - The function returns the quartile of a dataset without values 0 and 1 in Excel

QUARTILE.EXC function: The function returns the quartile of the data set, with percentile values from 0 to 1 excluding 0 and 1. The support function is from Excel 2010 onwards. Syntax: QUARTILE.EXC (array, quart)

The following article introduces you to the **QUARTILE.EXC** function - one of the functions in the group of statistical functions that is very popular in Excel.

Hàm QUARTILE.EXC

Description: The function returns the quartile of a dataset, with percentile values from 0 to 1 excluding 0 and 1. The function supports Excel 2010 and later versions.

Syntax: QUARTILE.EXC (array, quart)

Inside:

- **array:** An **array** or range containing values that want to find quartiles, a required parameter .
- **quart:** The position of the quartile to be returned, is a mandatory parameter consisting of 3 values 1, 2 and 3. In addition to these values, the function returns an error value.

Attention:

- If **quart** is not an integer -> it is truncated to an integer.
- If **array** is empty -> the function returns the **#NUM!** Error value .
- If **quart = 4** or **quart = 0** -> the function returns the **#NUM!** Error value
- The **MIN** and **MAX**, **MEDIAN** functions return the same value as the **QUARTILE.EXC** function with corresponding values **quart = 0**, **quart = 4**, **quart = 2**.

For example:

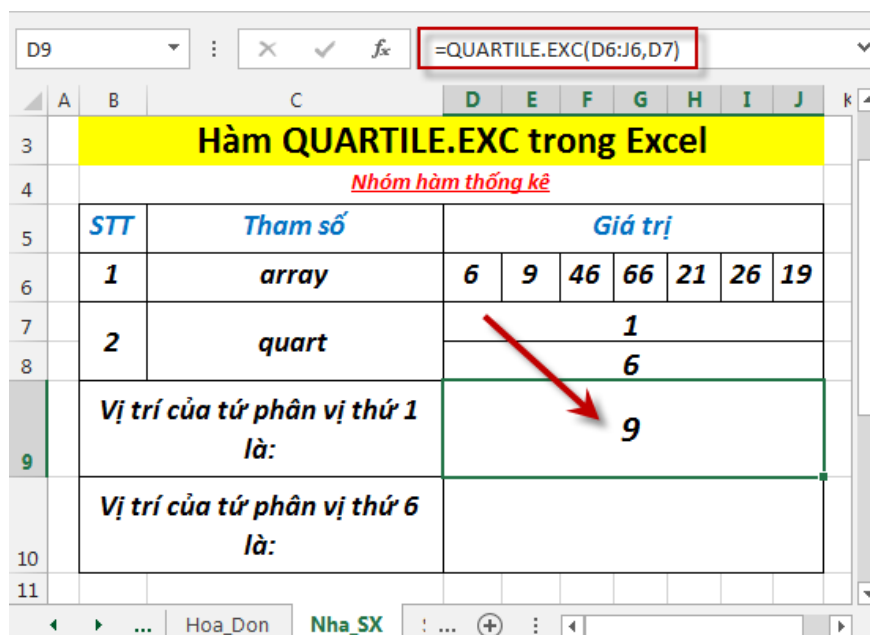
Locate the units as described in the following data table:

Hàm QUARTILE.EXC trong Excel									
Nhóm hàm thống kê									
STT	Tham số	Giá trị							
1	array	6	9	46	66	21	26	19	
2	quart	1							
		6							
	Vị trí của tứ phân vị thứ 1 là:	?							
	Vị trí của tứ phân vị thứ 6 là:								

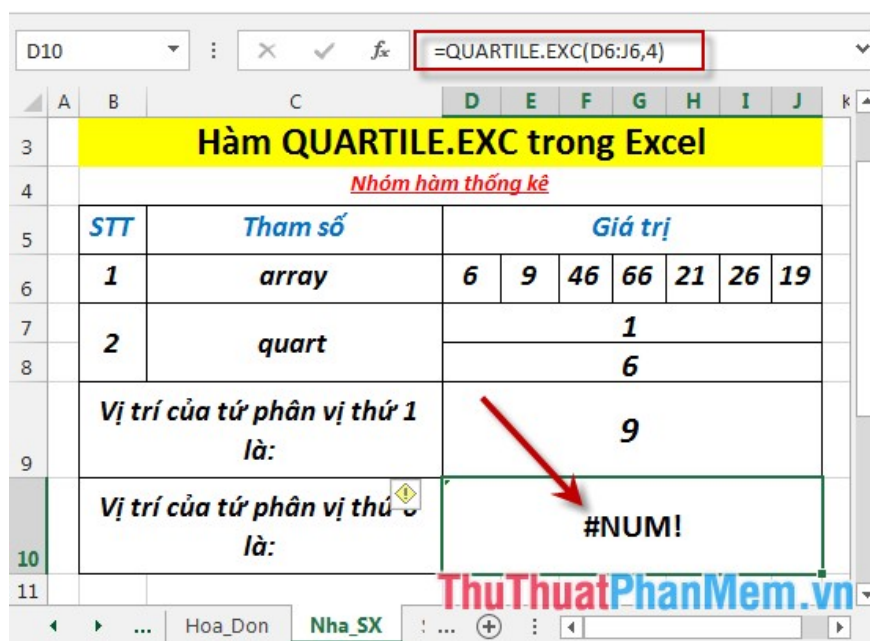
- Determine the position of the 1st percentile. In the cell to calculate enter the formula : = QUARTILE.EXC (D6: J6, D7)

Hàm QUARTILE.EXC trong Excel									
Nhóm hàm thống kê									
STT	Tham số	Giá trị							
1	array	6	9	46	66	21	26	19	
2	quart	1							
		6							
	Vị trí của tứ phân vị thứ 1 là:	=QUARTILE.EXC(D6:J6,D7)							
	Vị trí của tứ phân vị thứ 6 là:								

- Press **Enter** -> 1st percentile is:



- The 6th **percentile**. In the cell to calculate enter the formula: = **QUARTILE.EXC (D6: J6,4)**. Press **Enter** -> return value is:



Here due to the **quart** value = **6 > 4** -> the function returns the **#NUM!** Error value . The **quart** value is only in 3 values: 1, 2 and 3.

Above are instructions and some specific examples when using **QUARTILE.EXC** function in Excel.

Good luck!

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