

# DMIN () function (returns the minimum value by condition) in Excel

DMIN () function helps you find and return the smallest value in a column in a list or database that meets the conditions that you give.

The MIN () function helps you return the smallest value of values, the DMIN () function will return the smallest value according to the conditions you specify. When you need to get the minimum value under a certain condition, you should use the DMIN () function. If you do not know the syntax and usage of the DMIN () function, follow the following article.

The article describes the syntax and usage of the DMIN () function in Excel.



## Description

DMIN () function helps you find and return the smallest value in a column in a list or database that meets the conditions that you give.

## Syntax

= DMIN (database, field, criteria)

Inside:

- **database:** list or related database including column headers.
- **field:** the field (column) needs to get the maximum value. You can enter the column header directly in quotation marks or some representing the column position in the database: 1 for the first column, 2 for the second column, etc., you can also enter the cell containing the required column header. Using example B3, C1 .

- **criteria:** is the range of cells that contain conditions, you can choose any as long as the range contains at least one column header and the cell below the column header contains conditions for the column.

## Note

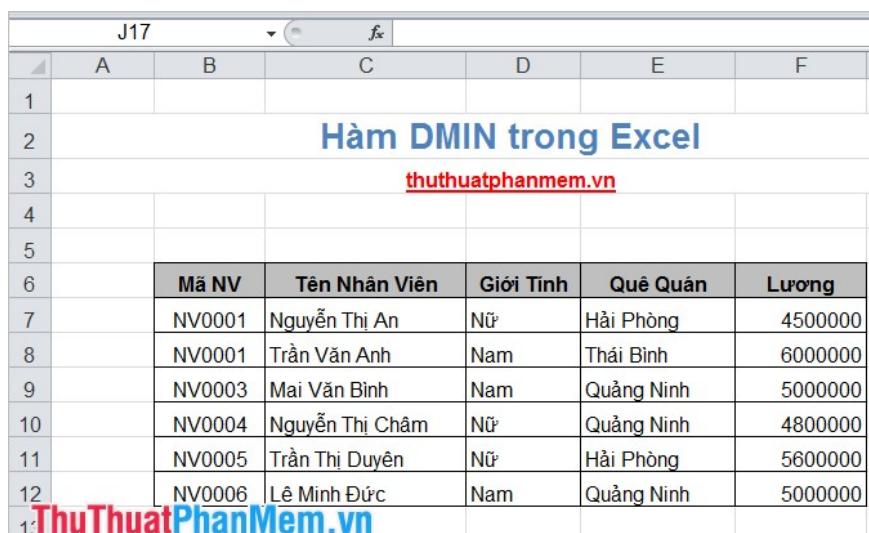
- You should set the criteria range on the worksheet so that when adding data, the range of conditions does not change.

- The scope of the conditions that need to be separated is not inserted into the list or database to be processed.

- Criteria must contain at least column headers and a cell containing conditions under column headers.

## For example

Find the lowest salary of the employees who have a Hometown in Quang Ninh in the following data table:



	A	B	C	D	E	F
1						
2	<b>Hàm DMIN trong Excel</b>					
3	<a href="http://thuthuatphanmem.vn">thuthuatphanmem.vn</a>					
4						
5						
6		<b>Mã NV</b>	<b>Tên Nhân Viên</b>	<b>Giới Tính</b>	<b>Quê Quán</b>	<b>Lương</b>
7		NV0001	Nguyễn Thị An	Nữ	Hải Phòng	4500000
8		NV0001	Trần Văn Anh	Nam	Thái Bình	6000000
9		NV0003	Mai Văn Bình	Nam	Quảng Ninh	5000000
10		NV0004	Nguyễn Thị Châm	Nữ	Quảng Ninh	4800000
11		NV0005	Trần Thị Duyên	Nữ	Hải Phòng	5600000
12		NV0006	Lê Minh Đức	Nam	Quảng Ninh	5000000

You need to create a range of criteria criteria that is Que Quan and Quang Ninh.

Hàm DMIN trong Excel						
thuthuatphanmem.vn						
			criteria	Quê Quán		
				Quảng Ninh		
Mã NV	Tên Nhân Viên	Giới Tính	Quê Quán	Lương		
NV0001	Nguyễn Thị An	Nữ	Hải Phòng	4500000		
NV0001	Trần Văn Anh	Nam	Thái Bình	6000000		
NV0003	Mai Văn Bình	Nam	Quảng Ninh	5000000		
NV0004	Nguyễn Thị Châm	Nữ	Quảng Ninh	4800000		
NV0005	Trần Thị Duyên	Nữ	Hải Phòng	5600000		
NV0006	Lê Minh Đức	Nam	Quảng Ninh	5000000		

Apply the DMIN () function formula: = **DMIN (B8: F14, F8, E5: E6)**

**B8: F14** is a list, a database area.

**F8** is the Salary column to find the minimum value.

**E5: E6** is the criteria range just created.

You will then get the following result:

Hàm DMIN trong Excel						
thuthuatphanmem.vn						
			criteria	Quê Quán		
				Quảng Ninh		
Mã NV	Tên Nhân Viên	Giới Tính	Quê Quán	Lương		
NV0001	Nguyễn Thị An	Nữ	Hải Phòng	4500000		
NV0001	Trần Văn Anh	Nam	Thái Bình	6000000		
NV0003	Mai Văn Bình	Nam	Quảng Ninh	5000000		
NV0004	Nguyễn Thị Châm	Nữ	Quảng Ninh	4800000		
NV0005	Trần Thị Duyên	Nữ	Hải Phòng	5600000		
NV0006	Lê Minh Đức	Nam	Quảng Ninh	5000000		
					Lương thấp nhất của các nhân viên Quê Quán Quảng Ninh	4800000

The syntax and usage of the DMIN () function is very simple, you just need to apply it to the appropriate requirements. The function will help you a lot in statistics of data in Excel. Good luck!

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