

Excel date function - Usage and examples

The date counting function in Excel is one of the most effective functions of this software. Because Excel usually works in the field of statistics and calculations, it is extremely necessary to record dates. To help you understand this function, let's come to the following article of TipsMake.

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1. Functions of the function

DATEDIF is a function used to count dates used in Excel. The DATEDIF function is used to calculate dates in 6 different ways but perhaps the most common people use only three of them.

The use of DATEDIF is exactly the same as the title of this trick, it is used to count the number of days, months or years with two available timelines.

The application of this function will be used to calculate the time to time when going to work or used to calculate ancillary to the service charged by date. Like the example below, the hotel cashier on business trips is summarized by the accountant. They charge a daily accommodation fee, so the number of days will be equal to the date of departure from the hotel minus the date of arrival at the hotel.

	A	B	C	D	E	H	I	J
1	BẢNG TÍNH TIỀN Ở KHÁCH SẠN TRONG KHI ĐI CÔNG TÁC							
2	STT	TÊN KHÁCH	LOẠI PHÒNG	NGÀY ĐẾN	NGÀY ĐI	SỐ NGÀY Ở	ĐƠN GIÁ NGÀY	Tổng tiền
3	1	Thắng	L1A	14/02/2018	19/03/2018	33	27,000	891,000
4	2	Hường	L2C	30/04/2018	24/05/2018	24	19,500	468,000
5	3	An	L1A	30/11/2017	31/01/2018	62	27,000	1674,000
6	4	Huy	L1B	09/10/2018	16/10/2018	7	25,500	178,500
7	5	Xuân	L2A	31/12/2017	15/01/2018	15	22,500	337,500
8	6	Duy	L2C	04/03/2018	24/03/2018	20	19,500	390,000
9	7	Đạt	L1C	14/09/2018	24/09/2018	10	24,000	240,000
10	8	Nam	L2B	14/02/2018	29/03/2018	31	21,000	651,000
11	9	Sếp Trung	L1B	14/02/2018	29/03/2018	43	25,500	1096,500
12	10	Sếp Long	L1A	30/11/2018	14/12/2018	14	27,000	378,000

2. Usage of the function

Recipe:

= DATEDIF (start time; end time; calculation type)

Inside:

The start time is the start date of the time series to be counted.

The end time is the end date of the time series to be counted.

The calculation type is the calculation type based on the criteria we set for Excel to confirm what you need to calculate from the other two time points. There are 6 types to calculate all:

- "D" is used when you want to calculate the **number of days** between a start and an end.
- "M" is used when you want to calculate the **number of months** between the start and end time.
- "Y" is used when you want to calculate the **number of years** between the beginning and the end.

Above are the three most common types of calculations when you use DATEDIF, but in addition it also provides three other special types:

- "YD" to find the number of days between the start date and end date, regardless of the number of years and the number of months.
- "YM" to find the number of months between the start date and end date, regardless of the number of years and days.
- "YD" to find the number of days between the start date and end date regardless of the number of years.

Note: The type of calculation you need to put in quotation marks as written above, if only written lowercase, the function will not understand the command you give.

3. Function example

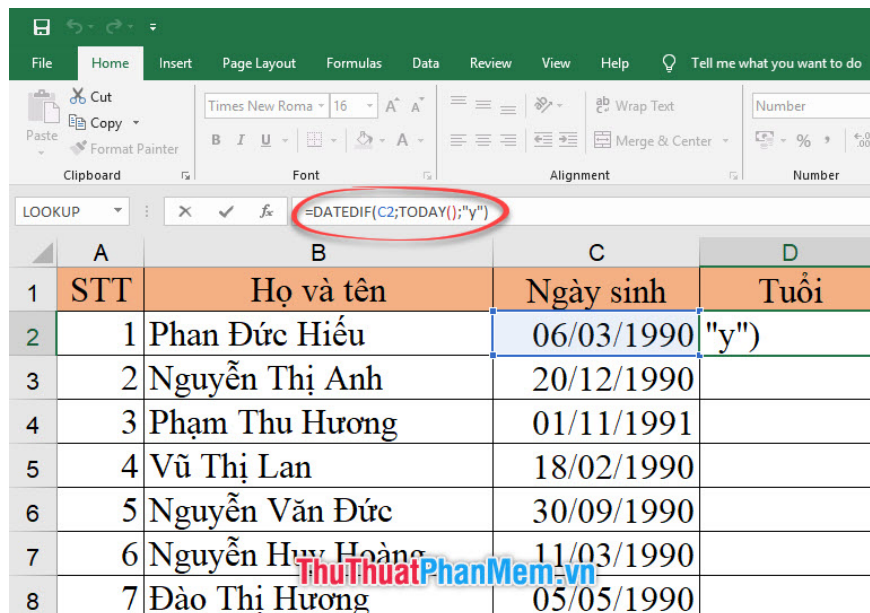
To help you understand the DATEDIF function more, let's come up with the following examples:

We calculate students' age through their year of birth. Normally when calculating the age, we will subtract the current year from the year of birth, that is, the number of years existing between the time you were born and the present time.

So here it is very appropriate to use the DATEDIF function.

We have a formula based on the example table in the image as follows:

= DATEDIF (C2; TODAY (); "Y")



The screenshot shows the Microsoft Excel interface. The formula bar at the top contains the formula `=DATEDIF(C2;TODAY();"Y")`, which is circled in red. Below the formula bar is a table with the following data:

	A	B	C	D
1	STT	Họ và tên	Ngày sinh	Tuổi
2	1	Phan Đức Hiếu	06/03/1990	"y")
3	2	Nguyễn Thị Anh	20/12/1990	
4	3	Phạm Thu Hương	01/11/1991	
5	4	Vũ Thị Lan	18/02/1990	
6	5	Nguyễn Văn Đức	30/09/1990	
7	6	Nguyễn Huy Hoàng	11/03/1990	
8	7	Đào Thị Hương	05/05/1990	

With the TODAY () function is the function that gives the date value at the time of using the function, ie today. Combined with the DATEDIF function, we can calculate the age of the students in the list.

	A	B	C	D	E
1	STT	Họ và tên	Ngày sinh	Tuổi	
2	1	Phan Đức Hiếu	06/03/1990	29	
3	2	Nguyễn Thị Anh	20/12/1990	28	
4	3	Phạm Thu Hương	01/11/1991	27	
5	4	Vũ Thị Lan	18/02/1990	29	
6	5	Nguyễn Văn Đức	30/09/1990	28	
7	6	Nguyễn Huy Hoàng	11/03/1990	29	
8	7	Đào Thị Hương	05/05/1990	29	
9	8	Trần Thị Hồng	17/10/1990	28	
10	9	Triệu Thị Kim Dung	10/09/1987	31	
11	10	Nguyễn Thị Thu Hà	05/01/1990	29	

There is also an example that uses the DATEDIF function to calculate the number of days from one time to another based on which to calculate the amount of money you need to use the service in units of time.

The formula here is:

= DATEDIF (D3; E3; "D")

BẢNG TÍNH TIỀN Ở KHÁCH SẠN TRONG KHI ĐI CÔNG TÁC							
STT	TÊN KHÁCH	LOẠI PHÒNG	NGÀY ĐẾN	NGÀY ĐI	SỐ NGÀY Ở	ĐƠN GIÁ NGÀY	Tổng tiền
1	Thắng	L1A	14/02/2018	19/03/2018	33	27,000	1491,000
2	Hương	L2C	30/04/2018	24/05/2018	24	19,500	783,000
3	An	L1A	30/11/2017	31/01/2018	62	27,000	2874,000
4	Huy	L1B	09/10/2018	16/10/2018	7	25,500	319,500
5	Xuân	L2A	31/12/2017	15/01/2018	15	22,500	583,500
6	Duy	L2C	04/03/2018	24/03/2018	20	19,500	600,000
7	Đạt	L1C	14/09/2018	24/09/2018	10	24,000	372,000
8	Nam	L2B	20/10/2018	30/11/2018	31	21,000	1107,000
9	Sếp Trung	L1B	14/02/2018	29/03/2018	43	25,500	1942,500
10	Sếp Long	L1A	30/11/2018	14/12/2018	14	27,000	678,000

Thank you for following the article on Excel's date counting function and how to use the date counting function of **TipsMake.com** . Wish you can master the date counting function into practical applications.

You finished reading the article "**Excel date function - Usage and examples**" 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.