

DatedIf

I love a good theme, so as we enter this new year, let's go over the little known function that automatically calculates how much time is between two dates. This can be used to find how many days it has been since a date (past due), how many days it will be until a specific date (days until due), or days between two days like how far apart are two siblings. This function also allows us to measure time in different units such as days, months, or years!

The formula is simple: =DATEDIF(start date, end date, "units")

	A	B	C	D	E
1	Start Date	End Date	Days	Months	Years
2	5/25/2004	10/13/2021	6350	208	17
3	11/23/1971	1/23/1982	DATEDIF(A3,B3,"D")	DATEDIF(A3,B3,"M")	DATEDIF(A3,B3,"Y")

You can enter the start and end dates as referencing another cell, you can type in a date, or you can use the Today() function to compare to today.

If we want to type in the date for either the start or end date, we need to put it in quotation marks.

	A	B	C	D	E
1	Start Date	End Date	Days	Months	Years
2	5/25/2004	10/13/2021	6350	208	17

C2 =DATEDIF("5/25/2004","10/13/2021","D")

If we wanted to use the Today() function as our end date it would look like this:

	A	G	H	I
1		TODAY AS THE END DATE		
2	Start Date	DAYS	MONTHS	YEARS
3	5/25/2004	6790	223	18
4	11/23/1971	DATEDIF(A3,TODAY(),"D")	DATEDIF(A3,TODAY(),"M")	DATEDIF(A3,TODAY(),"Y")

The units that you specify should also always be in quotation marks: "D", "M", "Y".

This could be helpful if you need to show how many months there are until a due date on an invoice.

<i>fx</i>	=DATEDIF(TODAY(),E1,"M")	
	D	E
Invoice Due Date:	12/25/2023	
Months until Late:	11	

Note that the Year and Month units will show the number of complete years/months until that date. If today is 12/27/22 and I'm doing a DatedIf to 12/25/2023, there is less than 1 complete year, so my result will be 0.

<i>fx</i>	=DATEDIF(TODAY(),E1,"Y")	
	D	E
Invoice Due Date:	12/25/2023	
Years until Late:	0	

If you have any issues or questions, please reach out by sending an email!