

## Re: using DSUM in formulae instead of SUMIF

**Source:**

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.worksheet.functions/2005-02/2530.html>

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**From:** Debra Dagleish (*dsd\_at\_contexturesXSPAM.com*)

**Date:** 02/13/05

Date: Sun, 13 Feb 2005 11:03:24 -0500

You can use the SUMPRODUCT function, e.g.:

`=SUMPRODUCT(--(DATE=A2),--(REP=A1),--(AMT))`

Or, set up a pivot table, with Rep in the page area. Then, select a Rep from the dropdown list in the page field, and the pivot table will show only the data for that Rep.

Kevin wrote:

- > *Here is the scenario I am dealing with:*
- > *I have a group of salespeople whose daily numbers need to be managed.*
- > *I have a spreadsheet that I enter the pertinent customer contact data into*
- > *date,rep,customer,amt,address,city,state,zip (actually about twenty fields)*
- > *if I use the following formula:*
- >
- > `=SUMIF(DATE,A1,AMT)` *I am able to sort total daily numbers, but not numbers*
- > *at the REP level.*
- >
- > *Is it possible to somehow sort as the above example illustrates, but only*
- > *pulling records for specific reps? I am very new at Excel programming, so*
- > *I don't feel comfortable trying to design a form via VBA or otherwise using*
- > *macro functionality. I want to be able to use the functions that are built*
- > *into the spreadsheet, i.e., SUMIF, IF, DSUM, those sorts of tools, if*
- > *possible.*
- >
- > *I have tried to use the following:*
- >
- > `=IF(AND(REP=A2,DATE=A1),SUMIF(DATE,A1,AMT,))`
- >
- > *but that doesn't work logically, because it simply does the same thing as*
- > *the first example above -- is there a logical way to attack this problem? I*
- > *mean it isn't LOGICAL to want a flat datafile to behave like a relational*
- > *datafile, but I feel like I should be able to trick EXCEL into doing*
- > *something like this. Will the SUMIF function accept IF types of arguments*
- > *as criteria?*
- >
- > *For instance, shouldn't I be able to use some sort of formula in the*

microsoft.public.excel.worksheet.functions: Re: using DSUM in formulae instead of SUMIF

> *criteria of the SUMIF function, the help file says that this is possible, so*  
> *my assumption is that I am simply not looking at this the right way.*  
>  
> *Lastly, what if I were able to use some sort of FOR LOOP*  
>  
> *FOR EACH REP*  
> *DO*  
> *...*  
>  
> *Thanks for any help beforehand.*  
> *"Debra Dalglish" <dsd@contexturesXSPAM.com> wrote in message*  
> *news:42095F5C.5050208@contexturesXSPAM.com...*  
>  
>> *If the pivot table source data will change size frequently, you can use*  
>> *a dynamic range as the pivot table source, and it will automatically*  
>> *expand as rows or columns are added. There are instructions here:*  
>>  
>> <http://www.contextures.com/xlPivot01.html>  
>>  
>> *Kevin C. McGregor wrote:*  
>>  
>>> *If I use Pivot Table won't I have to adjust the Pivot for each change?*  
>>  
> *What*  
>  
>>> *I want to be able to do is add to my data range daily and have the*  
>>> *spreadsheet caculate accordingly. Should I assume, then, that the DSUM*  
>>> *function isn't really appropriate for what I'm attempting to do -- i.e.,*  
>>> *take data entered:*  
>>> *date1*  
>>> *date2*  
>>> *date3*  
>>> *date4*  
>>> *and then manipulate it accordingly?*  
>>>  
>>> *"Tom Ogilvy" <twogilvy@msn.com> wrote in message*  
>>> *news:eF\$ADngDFHA.3728@TK2MSFTNGP14.phx.gbl...*  
>>>  
>>>  
>>>> *Why not just use a pivot Table?*  
>>>>  
>>>> *If you wanted to use DSum, you would need a separate criteria range for*  
>>>>  
>>>> *each*  
>>>>  
>>>>  
>>>> *unique date.*  
>>>>  
>>>> *--*  
>>>> *Regards,*  
>>>> *Tom Ogilvy*

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