#### DSTDEV

[Syntax](Syntax.docx):

DSTDEV ( database , [field](field.docx) , criteria )

Description: Estimates the standard deviation of a population based on a sample by using the numbers in a column of a list or database that match the specified criteria. (See the [DAVERAGE](DAVERAGE.docx) function §.)

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| database | [reference](reference.docx) | The range of cells that makes up the list or database. |
| [field](field.docx) | [text](text.docx), number | The column to which criteria shall be applied. |
| criteria | [reference](reference.docx) | The range of cells that contains the specified conditions. |

For a detailed description of each argument, see the [DAVERAGE](DAVERAGE.docx) function §.

Return Type and Value: number – An estimate of the standard deviation of a population based on the cells that correspond to the specified criteria.

[Example: Using the data in the example in the [DAVERAGE](DAVERAGE.docx) function §:

The estimated standard deviation in the yield of apple and pear trees if the data in the database is only a sample of the total orchard population is computed by DSTDEV(A4:E10,"Yield",A1:A3), which results in 2.97.

end example]