

# How to Filter by List of Values in Excel?

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## RECOMMENDED CITATION

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Filtering by list of values in Excel is a handy tool for quickly finding data within a dataset. To filter by list of values in Excel, you must first create the list of specific values you want to filter by. Then, select the cells or column you want to filter. Next, click the Data tab, then select the Filter option. From there, select the 'Filter by List' option and select your list of values. Finally, click OK to apply the filter. Your data will now be filtered by only your list of values.

You can use the following syntax to filter a dataset by a list of values in Excel:

**=FILTER(A2:C11,COUNTIF(E2:E5,A2:A11))**

This particular formula filters the cells in the range **A2:C11** to only return the rows where cells in the range **A2:A11** contain a value from the list of values in the range **E2:E5**.

The following step-by-step example shows how to use this syntax in practice.

## Step 1: Enter the Data

First, let's enter the following dataset in Excel that contains information about various basketball players:

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>			
2	Mavericks	22	4			
3	Nets	20	6			
4	Heat	26	5			
5	Kings	35	8			
6	Magic	34	8			
7	Spurs	19	9			
8	Rockets	15	12			
9	Pacers	18	5			
10	Pistons	26	6			
11	Hornets	10	11			
12						
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17						
18						
19						
20						

## Step 2: Define List of Values

Next, let's define a list of Team values that we'd like to filter by:

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>		<b>Filter for These Teams</b>	
2	Mavericks	22	4		Nets	
3	Nets	20	6		Kings	
4	Heat	26	5		Magic	
5	Kings	35	8		Hornets	
6	Magic	34	8			
7	Spurs	19	9			
8	Rockets	15	12			
9	Pacers	18	5			
10	Pistons	26	6			
11	Hornets	10	11			
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## Step 3: Filter by List of Values

Next, let's type the following formula into cell **A14** to filter the dataset by the list of Team names we defined:

```
=FILTER(A2:C11,COUNTIF(E2:E5,A2:A11))
```

The following screenshot shows how to use this formula in practice:

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>		<b>Filter for These Teams</b>	
2	Mavericks	22	4		Nets	
3	Nets	20	6		Kings	
4	Heat	26	5		Magic	
5	Kings	35	8		Hornets	
6	Magic	34	8			
7	Spurs	19	9			
8	Rockets	15	12			
9	Pacers	18	5			
10	Pistons	26	6			
11	Hornets	10	11			
12						
13						
14	Nets	20	6			
15	Kings	35	8			
16	Magic	34	8			
17	Hornets	10	11			
18						
19						
20						
21						

Notice that the filtered dataset only contains the rows where the Team names from original dataset in the range **A2:C11** are in the list of names in the range **E2:E5**.

**Note:** The **FILTER** function is case-insensitive. This means if you type "nets" instead of "Nets", the function will still return the row with the "Nets" in the Team column.