How to Count “Yes” and “No” Values in Google Sheets with COUNTIF

Authored by

stats writer

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Google Sheets is a powerful tool for managing data and performing calculations. One useful feature is the ability to count the number of "Yes" and "No" values in a specified range. This can be achieved by using the COUNTIF function, which allows users to specify a range of cells and a criteria to count the number of cells that meet that criteria. By setting the criteria to "Yes" or "No", the function will count the number of cells in the range that contain those values. This allows users to quickly and accurately determine the number of "Yes" and "No" values in a specified range, providing valuable information for data analysis and decision making.

Google Sheets: Count Number of "Yes" and "No" Values in Range

You can use the following formulas to count the number of "Yes" and "No" values in a particular range in Google Sheets:

Formula 1: Count Number of "Yes" Values

=COUNTIF(B2:B21, "Yes")

Formula 2: Count Number of "No" Values

=COUNTIF(B2:B21, "No")

Method 3: Count Percentage of "Yes" Values

=COUNTIF(B2:B21, "Yes")/COUNTA(B2:B21)

Method 4: Count Percentage of "No" Values

=COUNTIF(B2:B21, "No")/COUNTA(B2:B21)

The following example shows how to use each formula in practice with the following dataset in Google Sheets that shows whether or not various students passed a particular course:

	A	B	C	D
1	**Student ID**	**Passed Course?**		
2	1001	Yes		
3	1002	No		
4	1003	No		
5	1004	No		
6	1005	Yes		
7	1006	Yes		
8	1007	Yes		
9	1008	No		
10	1009	No		
11	1010	Yes		
12	1011	No		
13	1012	No		
14	1013	Yes		
15	1014	No		
16	1015	No		
17	1016	Yes		
18	1017	Yes		
19	1018	No		
20	1019	No		
21	1020	Yes		
22				

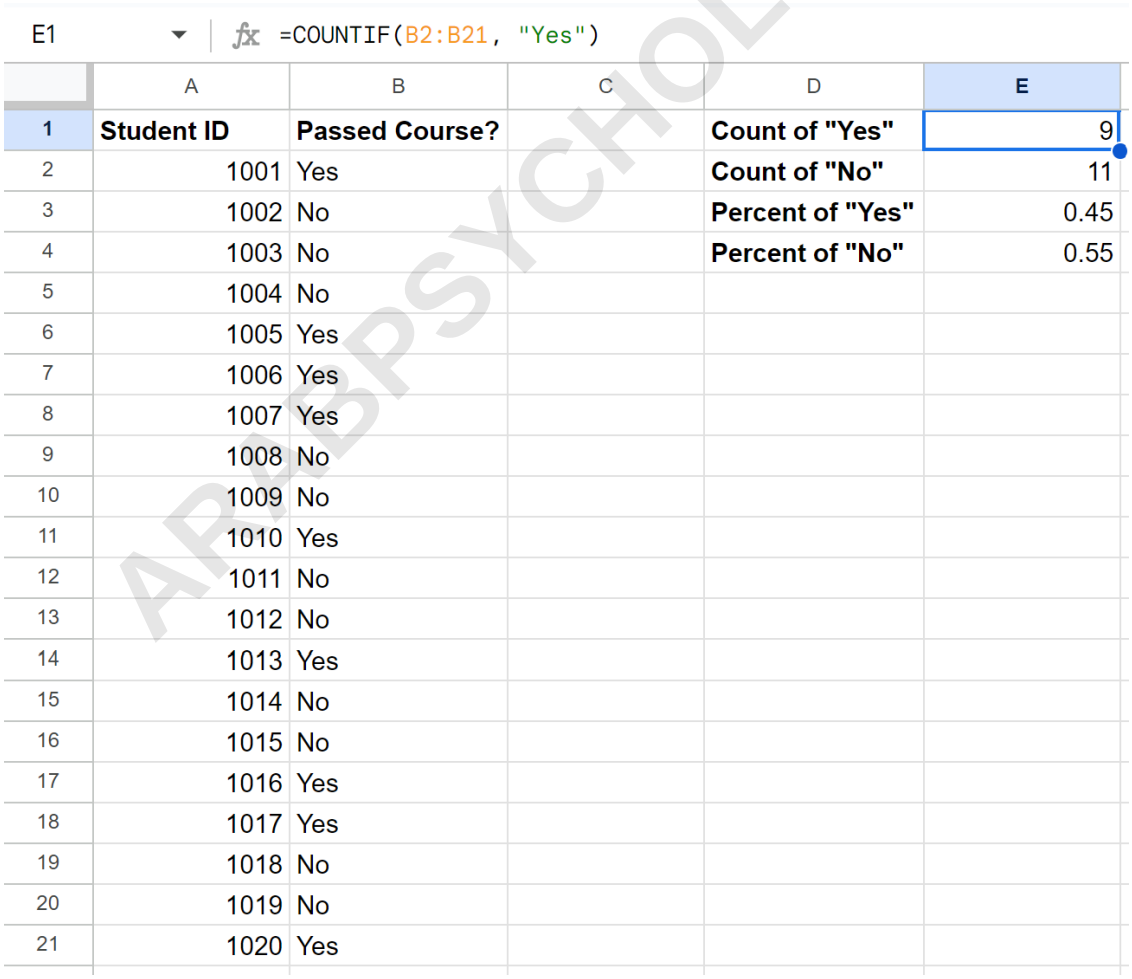
Example: How to Count "Yes" and "No" Values in Google Sheets

We can type the following formulas in the following

cells to count the number of "Yes" and "No" values in the range B2:B21:

E1: =COUNTIF(B2:B21, "Yes")E2: =COUNTIF(B2:B21, "No")E3: =COUNTIF(B2:B21, "Yes")/COUNTA(B2:B21)E4: =COUNTIF(B2:B21, "No")/COUNTA(B2:B21)

The following screenshot shows how to use these formulas in practice:



	A	B	C	D	E
1	**Student ID**	**Passed Course?**		**Count of "Yes"**	9
2	1001	Yes		**Count of "No"**	11
3	1002	No		**Percent of "Yes"**	0.45
4	1003	No		**Percent of "No"**	0.55
5	1004	No			
6	1005	Yes			
7	1006	Yes			
8	1007	Yes			
9	1008	No			
10	1009	No			
11	1010	Yes			
12	1011	No			
13	1012	No			
14	1013	Yes			
15	1014	No			
16	1015	No			
17	1016	Yes			
18	1017	Yes			
19	1018	No			
20	1019	No			
21	1020	Yes			

From the output we can see:

There were 9 total "Yes" values in column B.There were 11 total "No" values in column B.A total of 45% of cells were equal to "Yes" in column B.A total of 55% of cells were equal to "No" in column B.

Note that the COUNTA function counts the number of cells in a range that are not empty.

By dividing the result of the COUNTIF function by the COUNTA function, we're able to calculate the percentage of total values that are equal to either "Yes" or "No" in column B.