

# How can I use the SUM function in a Google Sheets query?

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## RECOMMENDED CITATION

stats writer (2024). *How can I use the SUM function in a Google Sheets query?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=144424>

The SUM function in Google Sheets is a useful tool for quickly calculating the sum of a range of cells. In order to use this function in a query, simply include the range of cells you want to sum in the SELECT clause of your query and precede it with the word "SUM". This will return the total sum of the selected cells in your query results. The SUM function can also be combined with other functions and criteria in the query to further refine the results. Overall, the SUM function in Google Sheets makes it easy to perform quick and accurate calculations within a query.

## Google Sheets Query: Use the SUM Function

You can use the SUM() function in a Google Sheets query to find the sum of values in rows that meet certain conditions.

### Method 1: Sum All Rows

```
=QUERY(A1:C13,"select sum(C)")
```

### Method 2: Sum Rows that Meet One Criteria

```
=QUERY(A1:C13,"select sum(C) where B>100")
```

### Method 3: Sum Rows that Meet Multiple Criteria

```
=QUERY(A1:C13,"select sum(C) where A='Mavs' OR B>100")
```

```
=QUERY(A1:C13, "select sum(C) where A='Mavs' AND B>100")
```

The following examples show how to use each of these methods in practice.

### Method 1: Sum All Rows

We can use the following formula to sum the total points scored by all teams:

E1 fx =QUERY(A1:C13, "select sum(B)")

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>	<b>Rebounds</b>		sum Points
2	Mavs	96	30		1141
3	Nets	93	22		
4	Hawks	94	28		
5	Heat	94	25		
6	Magic	99	25		
7	Spurs	105	26		
8	Rockets	103	28		
9	Hornets	95	33		
10	Suns	93	31		
11	Bucks	90	30		
12	Warriors	88	36		
13	Lakers	91	24		
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We can see that the teams scored a total of 1,141 points.

### Example 2: Sum Rows that Meet One Criteria

We can use the following formula to sum the total

## points scored by teams who had less than 30 rebounds:

E1 fx =QUERY(A1:C13, "select sum(B) where C<30")

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>	<b>Rebounds</b>		sum Points
2	Mavs	96	30		679
3	Nets	93	22		
4	Hawks	94	28		
5	Heat	94	25		
6	Magic	99	25		
7	Spurs	105	26		
8	Rockets	103	28		
9	Hornets	95	33		
10	Suns	93	31		
11	Bucks	90	30		
12	Warriors	88	36		
13	Lakers	91	24		
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**The total points scored by teams who had less than 30 rebounds was 679.**

### Example 3: Sum Rows that Meet Multiple Criteria

E1 fx =QUERY(A1:C13, "select sum(C) where A='Mavs' or B>100")

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>	<b>Rebounds</b>		sum Rebounds
2	Mavs	96	30		84
3	Nets	93	22		
4	Hawks	94	28		
5	Heat	94	25		
6	Magic	99	25		
7	Spurs	105	26		
8	Rockets	103	28		
9	Hornets	95	33		
10	Suns	93	31		
11	Bucks	90	30		
12	Warriors	88	36		
13	Lakers	91	24		
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**The sum of the rebounds among teams that meet either of these criteria is 84.**

**The following tutorials explain how to perform other common operations with Google Sheets queries:**

**[Google Sheets Query: How to Use Group By](#)**

**[Google Sheets Query: How to Use the COUNT Function](#)**