

SUMIFS CHEATSHEET



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SUMIFS is an **Excel** function designed for summing values based on multiple criteria. It allows users to specify different conditions in various ranges, summing only the values that meet all specified criteria. The syntax provides a sum range, multiple criteria ranges, and their corresponding conditions.

SYNTAX

```
=SUMIFS(sum_range, criteria_range1, criteria1, [criteria_range2, criteria2], ...)
```

sum_range:	The range of cells to sum.
criteria_range1:	The range to apply the first condition.
criteria1:	The condition to be met in criteria_range1.
[criteria_range2, criteria2]:	Additional ranges and their respective conditions.

EXAMPLES

1. Basic SUMIFS

Product	Sales (\$)
A	500
B	700
A	300
C	400
B	600

=SUMIFS(C6:C10,B6:B10,"A")

Result: \$800 – Sum of Sales where Product is A

2. Multiple Conditions

Region	Quarter	Revenue (\$)
North	Q1	1000
South	Q2	800
North	Q1	1200
East	Q2	1500
South	Q3	1100

=SUMIFS(D15:D19,B15:B19,"South",C15:C19,"Q2")

Result: \$800 - Sum of Revenue where Region is South and Quarter is 2

3. Dynamic Date Range

Category	Type	Date	Value
A	X	01/01/2024	50
B	Y	03/01/2024	80
A	X	13/01/2024	60
B	Y	17/02/2024	90
A	X	13/02/2024	70
B	Y	31/01/2024	100
A	X	11/01/2024	40
B	Y	30/01/2024	110
A	X	01/02/2024	30

=SUMIFS(E24:E32,B24:B32,"B",C24:C32,"Y",D24:D32,">="&TODAY()-30)

Result: 300 - Sum of Values where Category is B, Type is Y, and Date is within the last 30 days

Why SUMIFS instead of SUMIF?

SUMIFS	SUMIF
Allows for multiple criteria ranges.	Only accommodates a single criteria range.
More versatile with multiple conditions.	Suitable for simple, single-condition sums.
Supports AND logic for criteria.	Operates on OR logic for multiple criteria.
Criteria columns are independent.	Single criteria column is used for summing.
More flexible for complex conditions.	Limited flexibility due to single criteria.