#### CUMIPMT

[Syntax](Syntax.docx):

CUMIPMT ( rate , nper , pv , start-period , end-period , type )

Description: Computes the cumulative interest paid on a loan between start-period and end-period.

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| rate | number | The interest rate. |
| nper | number | The total number of payment periods, truncated to integer. |
| pv | number | The present value. |
| start-period | number | The first period in the calculation. (Payment periods are numbered beginning with 1.) |
| end-period | number | The last period in the calculation. |
| type | number | The timing of the payment, truncated to integer, as follows:

|  |  |
| --- | --- |
| Value | Timing |
| 0 | Payment at the end of the period |
| 1 | Payment at the beginning of the period |

 |

Time information in the date arguments is ignored.

Return Type and Value: number – The cumulative interest paid on a loan.

However, if

* rate, nper, or pv ≤ 0, #NUM! is returned.
* start-period < 1 or end-period < 1, or start-period > end\_period, #NUM! is returned.
* type is any number other than 0 or 1, #NUM! is returned.

[Example:

CUMIPMT(0.09/12,30\*12,125000,13,24,0) results in -11135.23
CUMIPMT(0.09/12,30\*12,125000,1,1,0) results in -937.50

end example]