

1. The EOMONTH function below returns the last day of the month.

The screenshot shows the Excel formula bar with the formula `=EOMONTH(A1,0)` entered. The formula bar also displays the cell address `B1` and the formula icon f_x . The spreadsheet grid shows the date `6/23/2024` in cell `A1` and the result `6/30/2024` in cell `B1`.

Note: the EOMONTH function returns the serial number of the date. Apply a [Date format](#) to display the date.

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


2. The EOMONTH function below returns the same date. Use the DATE function in Excel to hardcode a date.

The screenshot shows the Excel formula bar with the formula `=EOMONTH(DATE(2024,6,23),0)` entered. The formula bar also displays the cell address `A1` and the formula icon. The spreadsheet grid shows the result of the formula, `6/30/2024`, in cell `A1`.

Let's kick it up a notch! Use the second argument of the EOMONTH function to specify a number of months in the future or in the past.

3. The EOMONTH function below returns the last day of the next month.

B1      =EOMONTH(A1,1)

	A	B	C	D	E	F	G	H	I
1	6/23/2024	7/31/2024							
2									

4. The EOMONTH function below returns the last day of the previous month.

B1	:	X	✓	<i>f_x</i>	=EOMONTH(A1,-1)				
	A	B	C	D	E	F	G	H	I
1	6/23/2024	5/31/2024							
2									

5. The EOMONTH function below returns the last day of the month, 8 months in the past!

B1	:	X	✓	<i>f_x</i>	=EOMONTH(A1,-8)				
	A	B	C	D	E	F	G	H	I
1	6/23/2024	10/31/2023							
2									

Explanation: $6 - 8 = -2$ = October ($-2 + 12 = 10$) in 2023!

6. Use EOMONTH and TODAY to return the last day of the current month.

A1	:	X	✓	<i>f_x</i>	=EOMONTH(TODAY(),0)				
	A	B	C	D	E	F	G	H	I
1	8/31/2024								
2									

Note: today is August 15th, 2024.

7. Finally, to find the first day of the month in Excel, simply use DATE, YEAR and MONTH.

B1	:	X	✓	<i>f_x</i>	=DATE(YEAR(A1),MONTH(A1),1)				
	A	B	C	D	E	F	G	H	I
1	6/23/2024	6/1/2024							
2									

Explanation: the DATE function accepts three arguments: year, month and day. Use YEAR to get the year of a date. Use MONTH to get the month of a date.

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