# Excel 2016 Functions changes

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- Total number of functions in Excel 2013 : **461**
- Total number of functions in Excel 2016 : **453**
- Number of functions removed in Excel 2016 : **13**
- Number of functions newly added in Excel 2016 : **5**

***The following function added in Excel 2016***

| Function Name | Description |
|---|---|
| FORECAST.ETS | Returns a forecasted value for a specific future target date using exponential smoothing method |
| FORECAST.ETS.CONFINT | Returns a confidence interval for the forecast value at the specified target date |
| FORECAST.ETS.SEASONALITY | Returns the length of the repetitive pattern, Excel detects for the specified time series |
| FORECAST.ETS.STAT | Returns the requested statistic for the forecast. |
| FORECAST.LINEAR | Calculates, or predicts, a future value along a linear trend by using existing values |

***The following moved from Math & Trigonometry group to Compatibility group in Excel 2016***

| Function Name | Description |
|---|---|
| CEILING | Rounds a number up, to the nearest multiple of significance |
| FLOOR | Rounds a number down, to nearest multiple of significance |

***The following moved from Statistical group to Compatibility group in Excel 2016***

| Function Name | Description |
|---|---|
| FORECAST | Calculates or predicts a future value along a linear trend by using existing values |

***The following 10 functions moved from Math & Trigonometry group to Compatibility group. However we can still use them.***

| Function Name | Description |
|---|---|
| ASC | Changes full-width (double-byte) English letters or katakana within a character string to half-width (single-byte) characters |
| DBCS | Half-width (single-byte) letters within a character string to full- |

| | |
|---|---|
| | width (double-byte) characters. The name of the function (and the characters that it converts) depends upon your language settings. |
| FINDB | Counts each double-byte character as 2 when you have enabled the editing of a language that supports DBCS and then set it as the default language. Otherwise, FINDB counts each character as 1. |
| LEFTB | counts each double-byte character as 2 when you have enabled the editing of a language that supports DBCS and then set it as the default language. Otherwise, LEFTB counts each character as 1 |
| LENB | counts each double-byte character as 2 when you have enabled the editing of a language that supports DBCS and then set it as the default language. Otherwise, LENB counts each character as 1. |
| MIDB | Counts each double-byte character as 2 when you have enabled the editing of a language that supports DBCS and then set it as the default language. Otherwise, MIDB counts each character as 1 |
| PHONETIC | Extracts the phonetic (furigana) characters from a text string. |
| REPLACEB | Counts each double-byte character as 2 when you have enabled the editing of a language that supports DBCS and then set it as the default language. Otherwise, REPLACEB counts each character as 1 |
| RIGHTB | Counts each double-byte character as 2 when you have enabled the editing of a language that supports DBCS and then set it as the default language. Otherwise, RIGHTB counts each character as 1 |
| SEARCHB | Counts each double-byte character as 2 when you have enabled the editing of a language that supports DBCS and then set it as the default language. Otherwise, SEARCHB counts each character as 1 |

***These three are also removed from Math and Trigonometry Functions.***

| Function Name | Description |
|---|---|
| **CEILING.PRECISE** | Returns a number that is rounded up to the nearest integer or to the nearest multiple of significance. Regardless of the sign of the number, the number is rounded up. However, if the number or the significance is zero, zero is returned. |
| **FLOOR.PRECISE** | Returns a number that is rounded down to the nearest integer or to the nearest multiple of significance. Regardless of the sign of the number, the number is rounded down. However, if the number or the significance is zero, zero is returned. |
| **ISO.CEILING** | Rounds a number up, to the nearest integer or to the nearest multiple of significance. |