## A Comparison of Excel 2013 Compared to Excel 2019 to Office 365

Highland is upgrading from Office 2013 to Office 2019. Many staff and students have taken advantage of the free Office 365 for teachers and students. Below is a chart comparing the current version used on campus (2013) with the version we are updating to and

|  |  |  |
| --- | --- | --- |
| Excel 2013 | Excel 2019 | Excel in Office 365 |
| IF | **New Functions** – [CONCAT](https://support.office.com/en-us/article/concat-function-9b1a9a3f-94ff-41af-9736-694cbd6b4ca2), [IFS](https://support.office.com/en-us/article/ifs-function-36329a26-37b2-467c-972b-4a39bd951d45), [MAXIFS](https://support.office.com/en-us/article/maxifs-function-dfd611e6-da2c-488a-919b-9b6376b28883), [MINIFS](https://support.office.com/en-us/article/minifs-function-6ca1ddaa-079b-4e74-80cc-72eef32e6599), [SWITCH](https://support.office.com/en-us/article/switch-function-47ab33c0-28ce-4530-8a45-d532ec4aa25e), and [TEXTJOIN](https://support.office.com/en-us/article/textjoin-function-357b449a-ec91-49d0-80c3-0e8fc845691c).  | **New Functions** – [CONCAT](https://support.office.com/en-us/article/concat-function-9b1a9a3f-94ff-41af-9736-694cbd6b4ca2), [IFS](https://support.office.com/en-us/article/ifs-function-36329a26-37b2-467c-972b-4a39bd951d45), [MAXIFS](https://support.office.com/en-us/article/maxifs-function-dfd611e6-da2c-488a-919b-9b6376b28883), [MINIFS](https://support.office.com/en-us/article/minifs-function-6ca1ddaa-079b-4e74-80cc-72eef32e6599), [SWITCH](https://support.office.com/en-us/article/switch-function-47ab33c0-28ce-4530-8a45-d532ec4aa25e), and [TEXTJOIN](https://support.office.com/en-us/article/textjoin-function-357b449a-ec91-49d0-80c3-0e8fc845691c).  |
| Limited to Column, Line, Pie, Bar, Area X Y (Scatter), Stock, Surface, Radar, and Combo.  | **New charts** – [Map charts](https://support.office.com/en-us/article/create-a-map-chart-in-excel-f2cfed55-d622-42cd-8ec9-ec8a358b593b) and [funnel charts](https://support.office.com/en-us/article/create-a-funnel-chart-ba21bcba-f325-4d9f-93df-97074589a70e)  | **New charts** – [Map charts](https://support.office.com/en-us/article/create-a-map-chart-in-excel-f2cfed55-d622-42cd-8ec9-ec8a358b593b) and [funnel charts](https://support.office.com/en-us/article/create-a-funnel-chart-ba21bcba-f325-4d9f-93df-97074589a70e)  |
| Limited photo files with 2D | **Enhanced visuals** - [Scalable Vector Graphics](https://support.office.com/en-us/article/insert-icons-in-microsoft-office-e2459f17-3996-4795-996e-b9a13486fa79) (SVG), [Convert SVG icons to shapes](https://support.office.com/en-us/article/edit-svg-images-in-microsoft-office-365-69f29d39-194a-4072-8c35-dbe5e7ea528c), and [Insert 3D models to see all the angles](https://support.office.com/en-us/article/get-creative-with-3d-models-ec5feb79-b0af-47f6-a885-151fcc88ac0a).  | **Enhanced visuals** - [Scalable Vector Graphics](https://support.office.com/en-us/article/insert-icons-in-microsoft-office-e2459f17-3996-4795-996e-b9a13486fa79) (SVG), [Convert SVG icons to shapes](https://support.office.com/en-us/article/edit-svg-images-in-microsoft-office-365-69f29d39-194a-4072-8c35-dbe5e7ea528c), and [Insert 3D models to see all the angles](https://support.office.com/en-us/article/get-creative-with-3d-models-ec5feb79-b0af-47f6-a885-151fcc88ac0a).  |
| Limited ink and drawing ability  | **Ink Improvements** – [New ink effects](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), [digital pencil](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), [portable pen set](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), ink equations, ink replay button, [lasso select](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), [convert ink drawing to shapes](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), and [use Surface pen](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53).  | **Ink Improvements** – [New ink effects](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), [digital pencil](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), [portable pen set](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), ink equations, ink replay button, [lasso select](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), [convert ink drawing to shapes](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53), and [use Surface pen](https://support.office.com/en-us/article/draw-and-write-with-ink-in-office-6d76c674-7f4b-414d-b67f-b3ffef6ccf53).  |
| Less accessible  | **Better accessibility features** – [One-click fixes for accessibility issues](https://support.office.com/en-us/article/improve-accessibility-with-the-accessibility-checker-a16f6de0-2f39-4a2b-8bd8-5ad801426c7f#picktab=windows) and [helpful sounds improve accessibility](https://support.office.com/en-us/article/getting-started-with-office-sounds-49fda9be-cce5-4c72-a87f-b11000197f5f).  | **Better accessibility features** – [One-click fixes for accessibility issues](https://support.office.com/en-us/article/improve-accessibility-with-the-accessibility-checker-a16f6de0-2f39-4a2b-8bd8-5ad801426c7f#picktab=windows) and [helpful sounds improve accessibility](https://support.office.com/en-us/article/getting-started-with-office-sounds-49fda9be-cce5-4c72-a87f-b11000197f5f).  |
| Limited sharing | **Sharing is easier** – [Insert recent links](https://support.office.com/en-us/article/add-links-to-recent-files-into-your-document-workbook-or-presentation-002684c4-bf06-422b-821f-b4ef84fdb0e3), [view and restore changes in workbooks that are shared](https://support.office.com/en-us/article/view-previous-versions-of-office-files-5c1e076f-a9c9-41b8-8ace-f77b9642e2c2), and quickly save to recent folders.  | **Sharing is easier** – [Insert recent links](https://support.office.com/en-us/article/add-links-to-recent-files-into-your-document-workbook-or-presentation-002684c4-bf06-422b-821f-b4ef84fdb0e3), [view and restore changes in workbooks that are shared](https://support.office.com/en-us/article/view-previous-versions-of-office-files-5c1e076f-a9c9-41b8-8ace-f77b9642e2c2), and quickly save to recent folders.  |
| Less options  | **General improvements** – [Precision selecting](https://support.office.com/en-us/article/deselect-a-selection-d1b56f30-7d63-4a64-8f0b-da4958204b52), [quick access to superscript and subscript](https://support.office.com/en-us/article/format-text-or-numbers-as-superscript-or-subscript-3649411b-adf4-483e-b0e8-7b844605da74), improved autocomplete, new themes, [black theme](https://support.office.com/en-us/article/change-the-look-and-feel-of-office-with-themes-63e65e1c-08d4-4dea-820e-335f54672310), [break the language barrier](https://support.office.com/en-us/article/translate-text-into-a-different-language-287380e4-a56c-48a1-9977-f2dca89ce93f), no warnings when saving a CSV file, CSV (UTF-8) support, and Data Loss Protection (DLP) in Excel.  | **General improvements** – [Precision selecting](https://support.office.com/en-us/article/deselect-a-selection-d1b56f30-7d63-4a64-8f0b-da4958204b52), [quick access to superscript and subscript](https://support.office.com/en-us/article/format-text-or-numbers-as-superscript-or-subscript-3649411b-adf4-483e-b0e8-7b844605da74), improved autocomplete, new themes, [black theme](https://support.office.com/en-us/article/change-the-look-and-feel-of-office-with-themes-63e65e1c-08d4-4dea-820e-335f54672310), [break the language barrier](https://support.office.com/en-us/article/translate-text-into-a-different-language-287380e4-a56c-48a1-9977-f2dca89ce93f), no warnings when saving a CSV file, CSV (UTF-8) support, and Data Loss Protection (DLP) in Excel.  |
| Less options | [**PivotTable Enhancements**](https://support.office.com/en-us/article/set-pivottable-default-layout-options-efd8569c-f07a-43c1-9db2-4f2912a0f94e) and **Power Pivot updates**  | [**PivotTable Enhancements**](https://support.office.com/en-us/article/set-pivottable-default-layout-options-efd8569c-f07a-43c1-9db2-4f2912a0f94e) and **Power Pivot updates**  |
| Not available  | **Publish to Power BI** | **Publish to Power BI** |
| Less options | **Get & Transform (Power Query)** – [New and improved connectors](https://support.office.com/en-us/article/import-data-from-external-data-sources-power-query-be4330b3-5356-486c-a168-b68e9e616f5a), improved transformations, and [general improvements](https://support.office.com/en-us/article/unified-get-transform-experience-ad78befd-eb1c-4ea7-a55d-79d1d67cf9b3). | **Get & Transform (Power Query)** – [New and improved connectors](https://support.office.com/en-us/article/import-data-from-external-data-sources-power-query-be4330b3-5356-486c-a168-b68e9e616f5a), improved transformations, and [general improvements](https://support.office.com/en-us/article/unified-get-transform-experience-ad78befd-eb1c-4ea7-a55d-79d1d67cf9b3). |

Contact Academic Technology Resources, instructionaltech@highland.edu, x3411, if you have additional questions.

Resources:

<https://support.office.com/en-us/article/What-s-new-in-Excel-2019-for-Windows-5a201203-1155-4055-82a5-82bf0994631f>

Use Excel with earlier versions of Excel

*Excel for Office 365 Excel 2019 Excel 2016 Excel 2013 Excel 2010 Excel 2007**More...*

After you have installed a new version of Excel, you may want to know how you can continue to work with workbooks that are created in an earlier version of Excel, how you can keep these workbooks accessible for users who do not have the current version of Excel installed, and how the differences between the versions affect the way that you work.

For backward compatibility with earlier versions of Excel, such as Excel 97-2003, you can use one of several ways to exchange workbooks between the different versions.

<https://support.office.com/en-us/article/use-excel-with-earlier-versions-of-excel-2fd9ffcb-6fce-485b-85af-fecfd651a5ac>

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Excel in Office 365 | Excel 2013 |
| Efficient files | With XML-based file formats, documents are smaller, more robust, and integrate with more information systems and external data systems. | X | X |
| Excel Data Model | Tap into powerful analysis features that were previously available only by installing the Power Pivot add-in. | X | X |
| One-click forecasting | Create forecast charts based on existing data and predict future trends with a simple click. | X |  |
| New mapping features | Transform geographic data into professional-looking visualizations in just a few steps. | X |  |
| Recommended Charts | Excel recommends the best ways to present your data based on the context and recent work patterns. New bars, colors and icons help to highlight trends. | X |  |
| Always up to date | Always have the latest Office apps, features, and services. | X |  |

Reference: <https://products.office.com/en-us/previous-versions/microsoft-excel-2013>