

# Update (refresh) data in a PivotTable

At any time, you can click **Refresh** to update the data for the PivotTables in your workbook. You can refresh the data for PivotTables connected to external data, such as a database (SQL Server, Oracle, Access, or other), Analysis Services cube, data feed, and many other sources. You can also refresh data from a source table in the same or a different workbook. And you can set your workbook to refresh its PivotTable data automatically when you open it.

To learn more about refreshing various kinds of external data, see the following articles:

- [Refresh an external data connection](#)
- [Refresh a SQL Server data connection](#)
- [Refresh an Access data connection](#)
- [Refresh an OLE DB data connection](#)
- [Refresh a Microsoft Azure DataMarket feed](#)
- [Refresh data connected to another workbook](#)

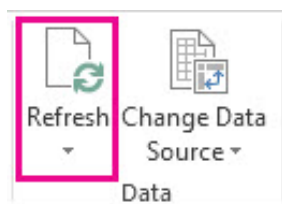
## Manually refresh

To manually refresh your PivotTable or PivotTables, do the following:

1. Click anywhere in the PivotTable to show the **PivotTable Tools** on the ribbon.



1. Click **Analyze** > **Refresh**, or press Alt+F5.



**TIP** To update all PivotTables in your workbook at once, click **Analyze** > **Refresh** arrow > **Refresh All**.

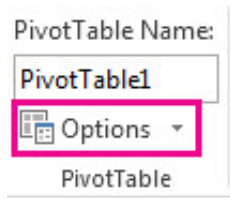
1. If refreshing takes longer than you expect, click **Analyze** > **Refresh** arrow > **Refresh Status** to check the refresh status.

To stop refreshing, click **Cancel Refresh**.

# Prevent column widths and cell formatting from adjusting

If the column widths and cell formatting of your data adjust when you refresh the PivotTable data, and you don't want that to happen, make sure the following options are checked:

1. Click **Analyze > Options**.



1. On the **Layout & Format** tab, check the **Autofit column widths on update** and **Preserve cell formatting on update** boxes.

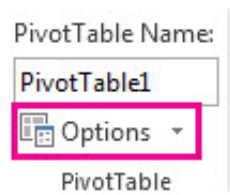
## Refresh data automatically when opening the workbook

To set an option to automatically refresh PivotTable data when you open your workbook, do the following:

1. Click anywhere in the PivotTable to show the **PivotTable Tools** on the ribbon.



1. Click **Analyze > Options**.



1. In the **PivotTable Options** dialog box, on the **Data** tab, check the **Refresh data when opening the file** box.