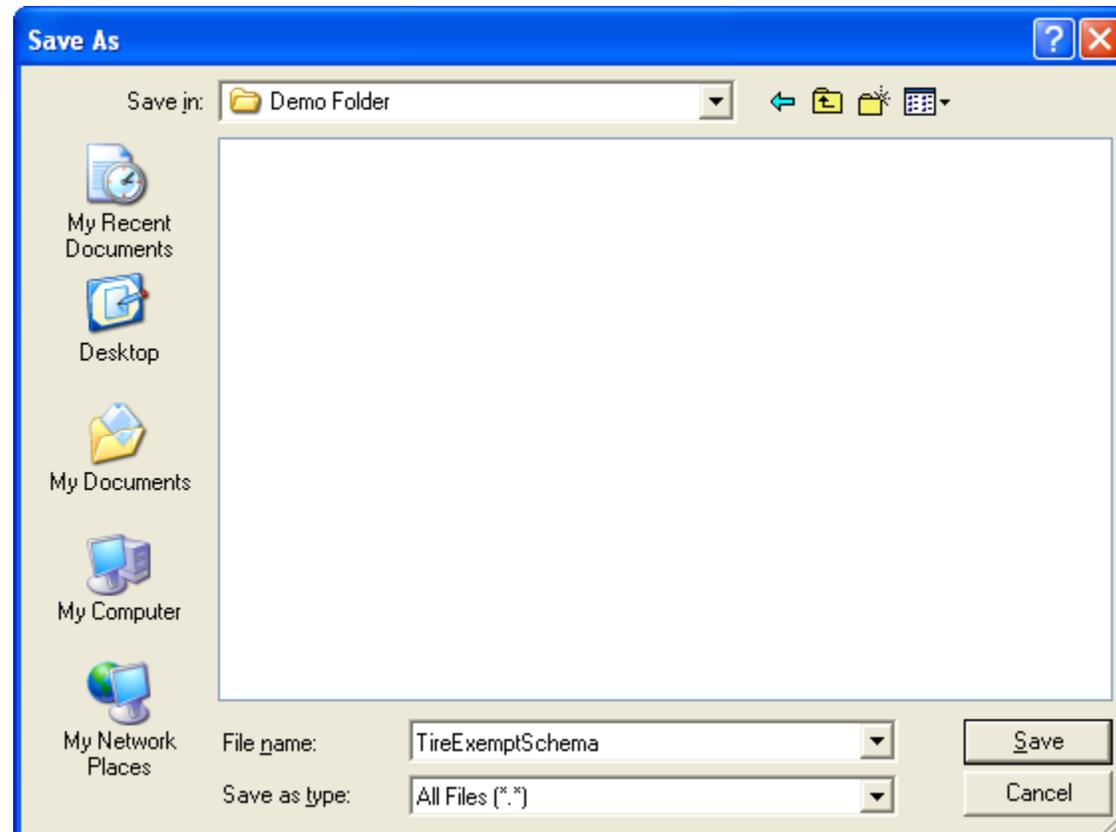


Tire Exempt Purchasers XML Export Tutorial

First, open the Exempt Purchasers schema at: <http://www.tax.alaska.gov/programs/programs/schemas/index.aspx>

Click File, Save As, Save as type: File name will default to TireExemptSchema, and leave the Save as Type to be All Files



Step 1.

Import your Exempt Sales data into Excel and sort into the following columns:

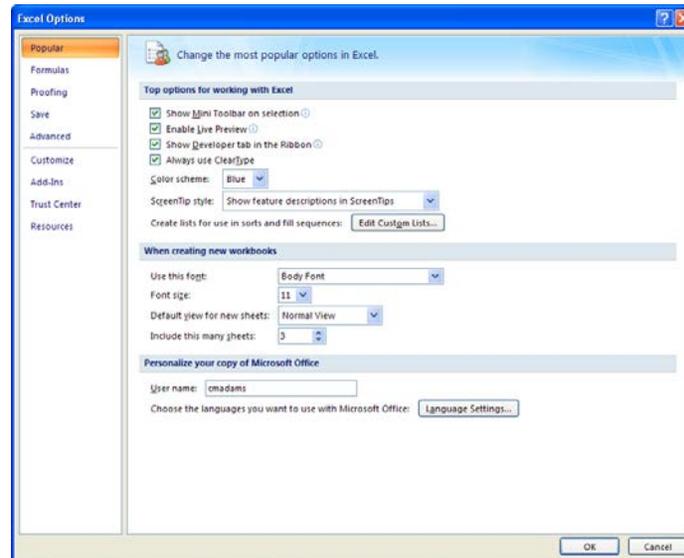
- Exempt Purchaser Name
- Invoice Date (enter as MM/DD/YYYY i.e. 03/31/2010)
- Invoice Number
- Tires Sold *
- Studded Sold or Installed *

All fields are required.

* Enter as negative if reporting returned tires. **Enter zero if you have none to report.**

In **Excel 2003**, Select Data, XML, XML Source

In **Excel 2007**, Select the Developer tab, then Source within XML grouping. If the Developer tab is not visible, go to Excel Options and check the box: "Show Developer tab in the Ribbon"



Step 2.

This will load the XML Source Pane on the right of Excel. Click the "XML Maps..." button. This will bring up the XML Maps dialog box.

The screenshot shows Microsoft Excel with the Developer tab selected. The XML Source pane is visible on the right side of the window. The XML Maps dialog box is open in the center, displaying a table with columns for Name, Root, and Namespace. The 'Add...' button is highlighted with a red circle.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Exempt Purchaser Name	Invoice Date	Invoice Number	Tires Sold	Studded Sold or Installed														
2	Test Tire Place	7/2/2010	99812	100															
3	Test Tire Place	7/15/2010	123456	80	10														
4	Test Tire Place	7/20/2010	123469	20	-4														

XML Maps dialog box content:

Name	Root	Namespace
------	------	-----------

Buttons: Rename..., Add..., Delete, OK, Cancel

XML Source pane content:

XML maps in this workbook:

This workbook does not contain any XML maps. Click XML Maps to add an XML map to this workbook.

Options XML Maps... Verify Map for Export... Tips for mapping XML

Step 3.

Add the Exempt Purchasers XML Schema that you saved from the Tax Division's web site as an XSD file.

To do this, click the Add button, locate the schema you saved from the Tax Division's web site and double-click on it. This will add the file to the XML Maps window. Highlight the file and click OK.

The screenshot shows the Microsoft Excel interface with the XML Maps dialog box open. The dialog box contains a table with the following data:

Name	Root	Namespace
ExemptPurchasers_Map	ExemptPurchasers	<No Namespace>

The 'OK' button at the bottom of the dialog box is circled in red. The background Excel window shows a spreadsheet with the following data:

Exempt Purchaser Name	Invoice Date	Invoice Number	Tires Sold	Studded Sold or Installed
Test Tire Place	7/2/2010	99812	100	20
Test Tire Place	7/15/2010	123456	80	10
Test Tire Place	7/20/2010	123469	20	-4

Your worksheet should now look like the example below.

The screenshot displays the Microsoft Excel interface with the Developer tab selected. The worksheet contains the following data:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Exempt Purchaser Name	Invoice Date	Invoice Number	Tires Sold	Studded Sold or Installed														
2	Test Tire Place	7/2/2010	99812	100	20														
3	Test Tire Place	7/15/2010	123456	80	10														
4	Test Tire Place	7/20/2010	123469	20	-4														

The XML Source task pane on the right shows the following structure:

- XML maps in this workbook:
 - ExemptPurchasers_Map
 - ExemptPurchasers
 - ExemptPurchaser
 - NameExempt
 - InvoiceDate
 - InvoiceNumber
 - TiresSold
 - StuddedSoldInstalled

Buttons at the bottom of the task pane include Options, XML Maps..., Verify Map for Export..., and Tips for mapping XML.

Step 4.

By adding the ExemptPurchasers_Map Schema it added the fields to the XML Source Pane on the right of your screen.

Click the NameExempt node and drag it to the Exempt Purchaser Name column heading. This allows Excel to know which of your columns corresponds to the categories established in the XML Schema.

The screenshot displays the Microsoft Excel interface with a table named 'Table1' containing the following data:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Exempt Purchaser Name	Invoice Date	Invoice Number	Tires Sold	Studded Sold or Installed														
Test Tire Place	7/2/2010	99812	100	20														
Test Tire Place	7/15/2010	123456	80	10														
Test Tire Place	7/20/2010	123469	20	-4														

The XML Source pane on the right shows the 'ExemptPurchasers_Map' schema with the following structure:

- ExemptPurchasers_Map
 - ExemptPurchasers
 - NameExempt
 - InvoiceDate
 - InvoiceNumber
 - TiresSold
 - StuddedSoldInstalled

The 'NameExempt' node is highlighted in blue. Below the XML Source pane, there are instructions: 'To map repeating elements, drag the elements from the tree onto the worksheet where you want the data headings to appear.' and 'To import XML data, right click an XML mapped cell, point to XML, and then click Import.' There are also buttons for 'Options...', 'XML Maps...', and 'Verify Map for Export...'. The status bar at the bottom shows 'Count: 4' and '100%' zoom.

Step 5.

Repeat this for all nodes and values (InvoiceDate to Invoice Date, etc...). Your results should look like the example below. The column headers will be a darker color than the alternating color of the data rows.

The screenshot shows Microsoft Excel with a table named 'Table1' containing the following data:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Exempt Purchaser Name	Invoice Date	Invoice Number	Tires Sold	Studded Sold or Installed													
2	Test Tire Place	7/2/2010	99812	100	20													
3	Test Tire Place	7/15/2010	123456	80	10													
4	Test Tire Place	7/20/2010	123469	20	-4													

The XML Source pane on the right shows the following mapping:

- ExemptPurchasers_Map
 - ExemptPurchaser
 - NameExempt
 - InvoiceDate
 - InvoiceNumber
 - TiresSold
 - StuddedSoldInsta

Step 6.

After all of the nodes have been mapped from the XML Source Pane, click the "Verify Map for Export" link and if all the steps have been completed correctly, a dialog box will pop-up like the example below telling you that the file is exportable. If you do not get this message you have not matched all of the nodes in the correct order with an Excel column and will get an error message.

The screenshot shows Microsoft Excel with a table of data and the XML Source pane. The table has the following data:

1	Exempt Purchaser Name	Invoice Date	Invoice Number	Tires Sold	Studded Sold or Installed
2	Test Tire Place	7/2/2010	99812	100	20
3	Test Tire Place	7/15/2010	123456	80	10
4	Test Tire Place	7/20/2010	123469	20	-4

The XML Source pane on the right shows the following structure:

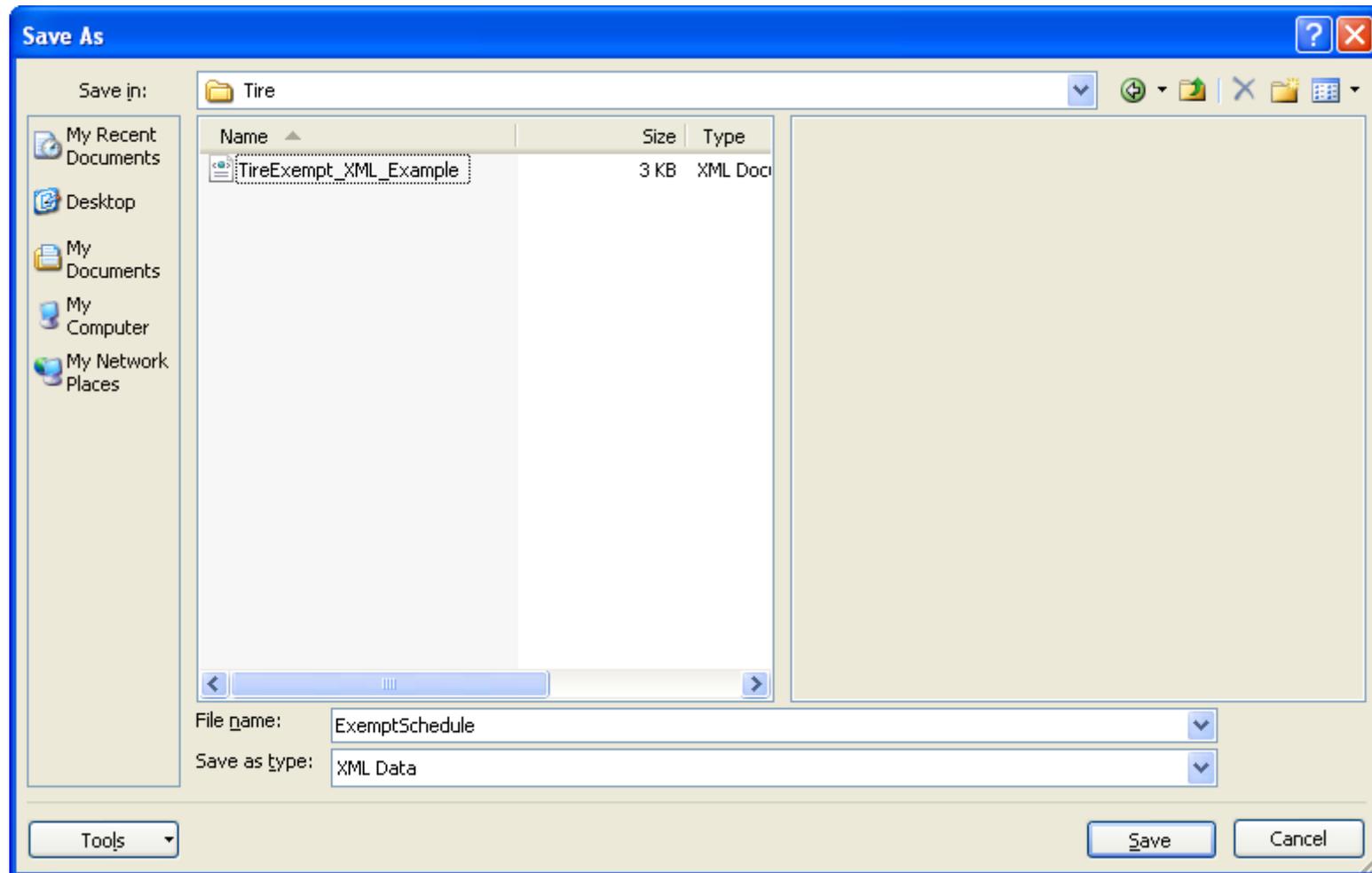
- ExemptPurchasers_Map
 - ExemptPurchasers
 - ExemptPurchaser
 - NameExempt
 - InvoiceDate
 - InvoiceNumber
 - TiresSold
 - StuddedSoldInsta

The dialog box in the center of the screen displays the message: "ExemptPurchasers_Map is exportable." with an "OK" button.

At the bottom right of the XML Source pane, there is a "Verify Map for Export..." button circled in red.

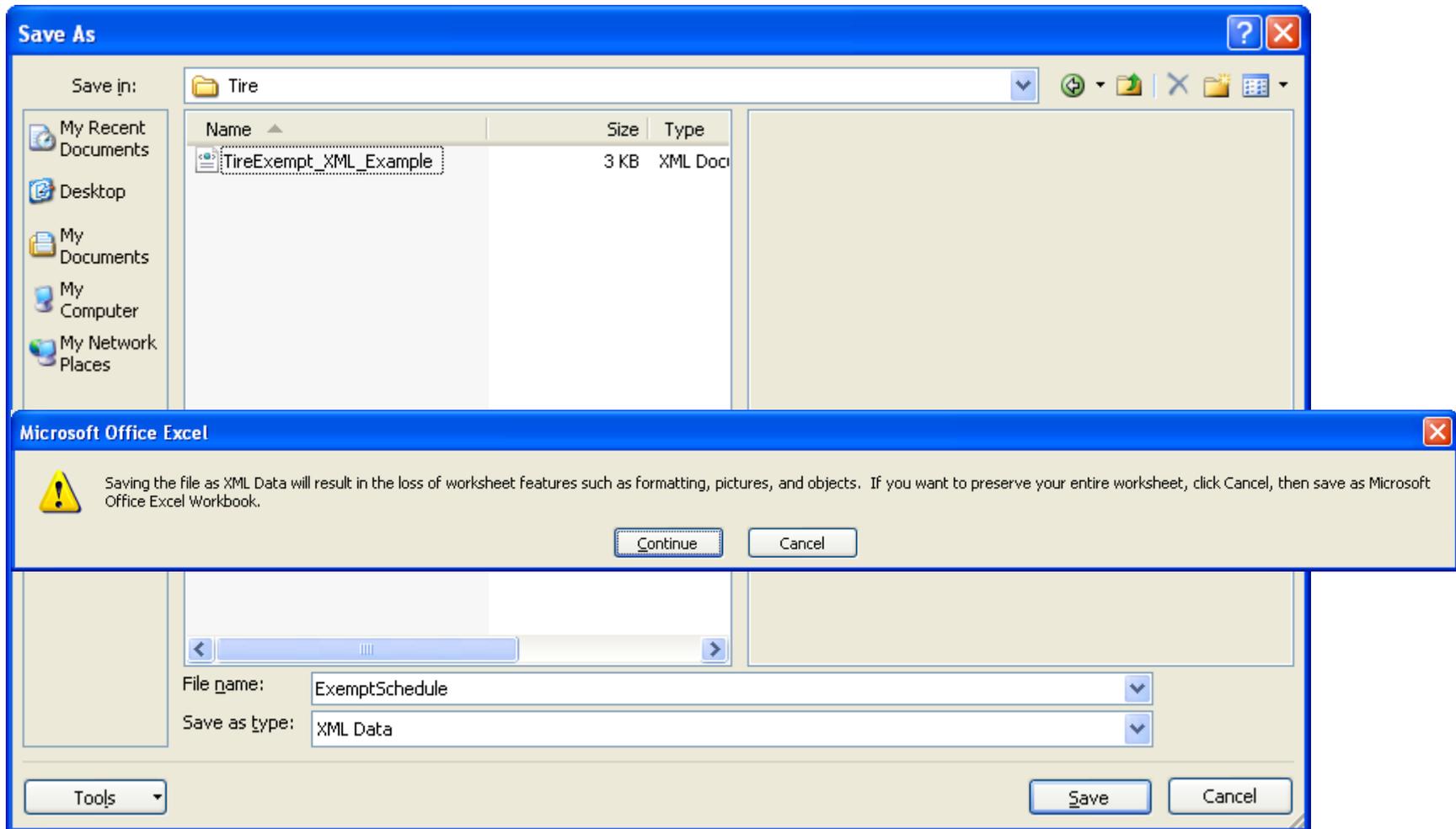
Step 7.

Click File, Save As. Other Formats. From the "Save As" window, choose XML Data in the "Save As Type" and save the file.



Step 8.

If you get a warning that “Saving the file as XML Data will result in the loss of worksheet features such as formatting, etc.” Click “Continue”



The file you saved should look like the TireExempt_XML_Example located on the Tax Division’s web site at: <http://www.tax.alaska.gov/programs/programs/schemas/index.aspx>