ANALYSING YOUR OWN DATA USING THE PRI REPORT

These instructions show you how to produce a **Performance Review Indicators** (PRI) report and use it to:
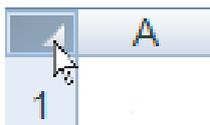
- **List specific patients**, such as patients who had a CT scan or an operation.
- **Produce a summary breakdown table**, such as by Injury Severity Score (ISS).

You need Excel reporting rights to produce a PRI. If you don't have them, please contact TARN.

Create a PRI report

1. Log in to TARN. Click **Reports** and then **Create Report**.

2. Click the link for **Performance Review Indicators.** This may be on the second page of report templates.

3. Select your hospital, enter a start and end date and choose a date for selection. Approval date is when the patient was coded by TARN.

4. Click **Generate report**. You will get a message saying that your report is being created. Click **OK**.

5. Click **View generated reports**. Reports are listed by when they were created, most recent first. Click the link to download your report and then open it in Excel. If you get a message saying that it is still being created, wait a few seconds and then refresh your browser by pressing F5 on your keyboard.

6. Click the empty rectangle in the top left of the spreadsheet to highlight the whole sheet.
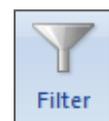

7. Double click on the line between column A and B to expand the columns.
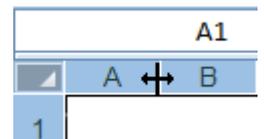

List specific patients

The following example shows you how to use filters in Excel to find directly admitted patients with an AIS 3 + head injury who had a CT scan within an hour of arrival.

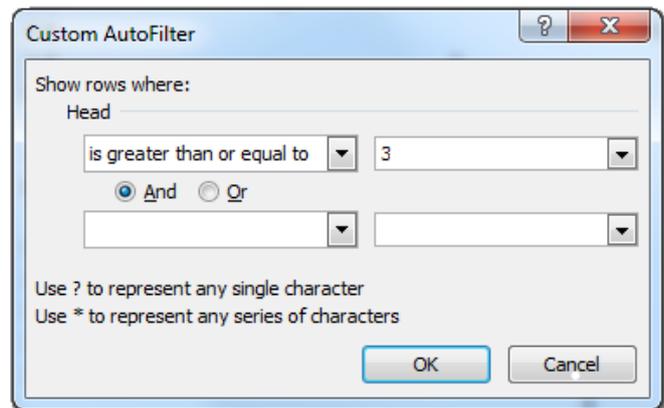1. Click on the **Data** tab, click in any cell containing data and then click on **Filter**.

2. Move to column **AX**, the transfer field and click on the arrow. Select **No transfer** and **Transfer out**. Click **OK.**

3. Move to column **AL**, the head injury field. Click on the arrow, choose **Number Filters** and then **Greater Than Or Equal To**:
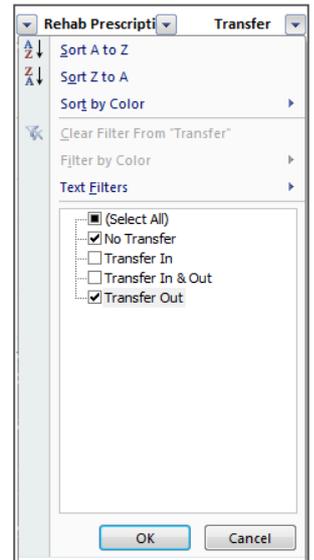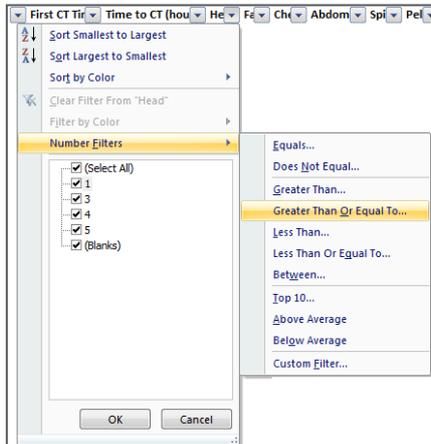
4. In the **Custom Autofilter** popup, enter **3** and then click **OK**:

5. Move to column **AK**, the time to CT field, and choose **Number Filters**, then **Less Than Or Equal To**:

6. Enter **1** in the pop up and then click **OK**:
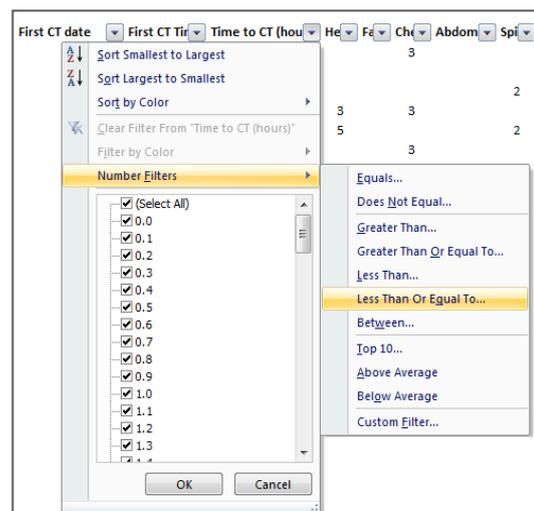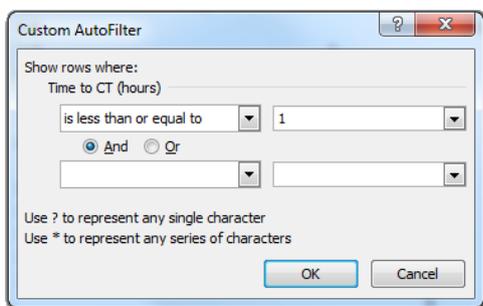
Your list is now filtered. Some other filter examples you might find useful are:

- **ISS 16 – 75 who saw a Consultant:** use columns **M** and **Z**.

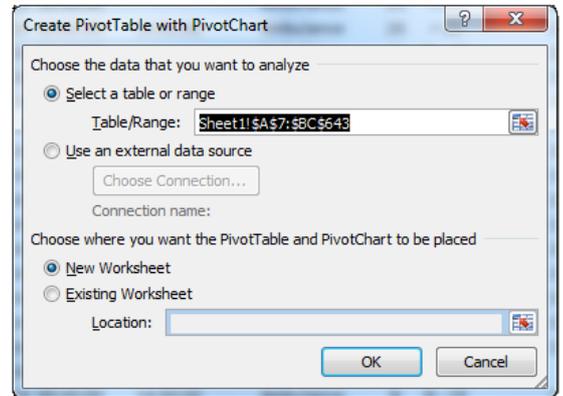- **PS 75% or higher who died:** use columns **Q** and **P**.

Produce a breakdown

The following steps show you how to produce a breakdown by ISS and mortality using pivot tables in Excel.
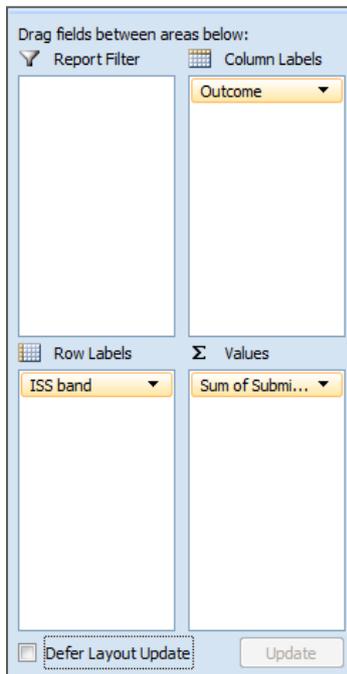
1. Click the **Insert** tab, click in any cell containing data and then chose **PivotTable**:
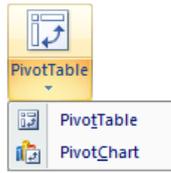
2. The range will set automatically. Click **OK** to create the table:

3. In the **PivotTable Field List** window, click and drag **ISS band** into the **Axis Fields** area (this may be called **Row Labels**), **Outcome** into **Legend Fields** (may be called **Column Labels**) and **SubmissionID** into **Values:**
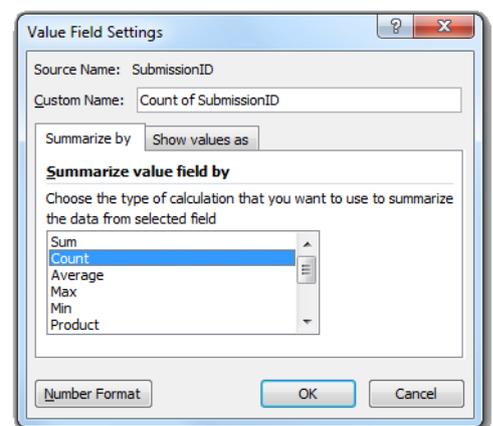
4. Click on the arrow next to submission ID and choose Value Field Settings:
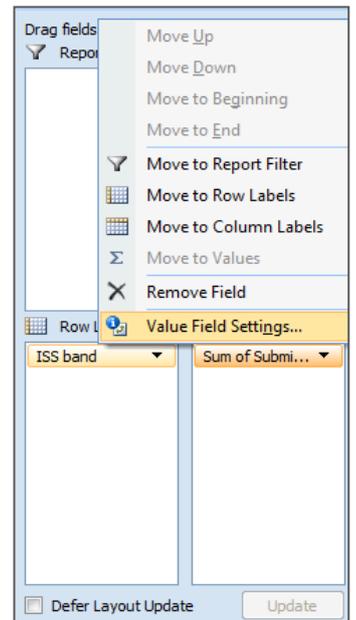
5. Change the **Summarize by** setting to **Count** and then click **OK**. This will show how many patients are in each ISS band and how many died and survived.

Count of SubmissionID	Outcome		
ISS band	Alive	Dead	Grand Total
> 15	30	2	32
1 - 8	7	1	8
9 - 15	25		25
Grand Total	62	3	65

You can pivot by more than two fields at once. Try dragging **Injury Mechanism** into the **Row Labels** field to show how patients in each band were injured.