# Running the BP Quality Improvement Dashboard on SystmOne

Running the dashboard requires the export of data generated by reports and a spreadsheet that provides the analysis and worklists identified for your patients. To use the dashboard you will need to have

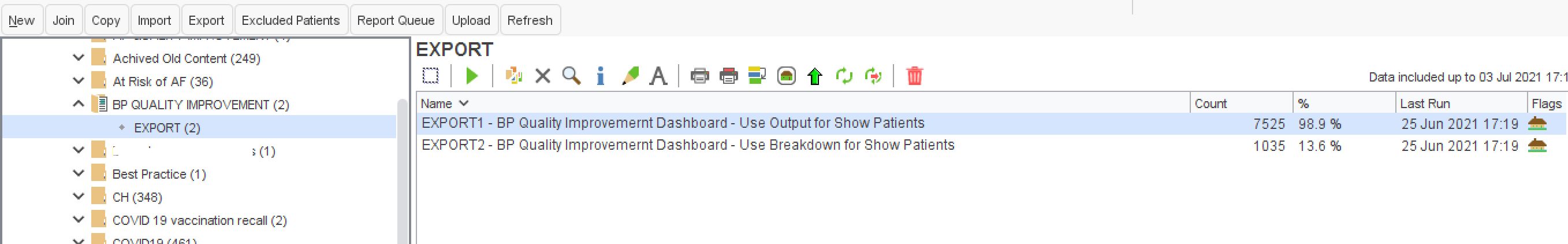
* Access to the Clinical system as a user with permission to run Reports
* The Reports and dashboard contained in the ‘**BP Quality Improvement tool**’ has been extracted from the zip file and imported in TPP SystmOne
* The saved location of this file is accessible from the PC being used to import the reports and run the dashboard

The process to create the dashboard requires:

1. Run the Reports within your clinical system to generate and export the data
2. Run the dashboard to import and format the data to provide your analysis overview mand patient lists

## Running the Reports within SystmOne to create the Exports

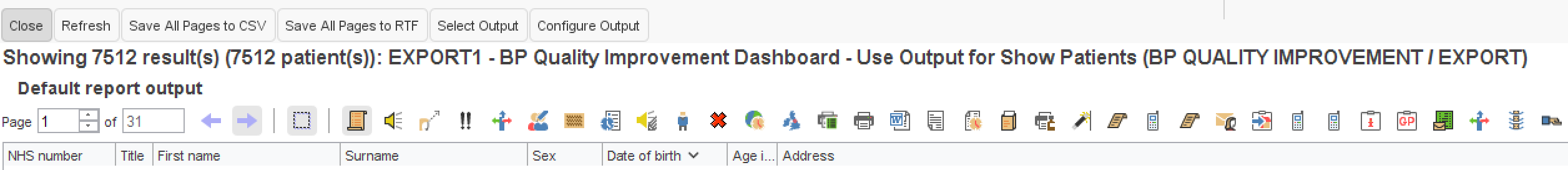
There are 2 reports which will have been saved within your clinical reporting under **Local Reports -> BP QUALITY IMPROVEMENT -> EXPORT**



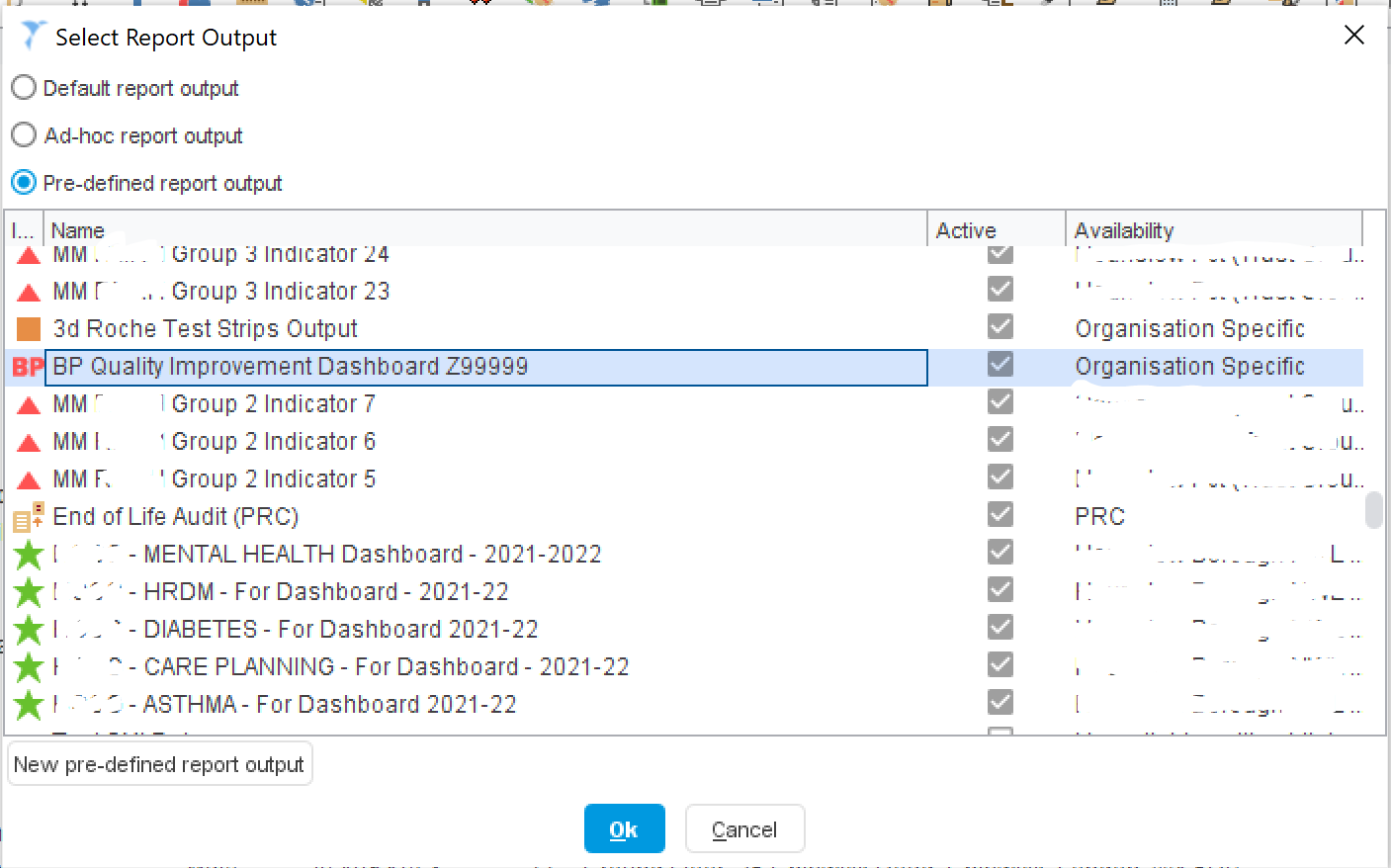
* From the folder navigation on the left expand the folders and select **BP QUALITY IMPROVEMENT** then click **EXPORT** to display all the reports and select the reports

### Export the BP Patient data

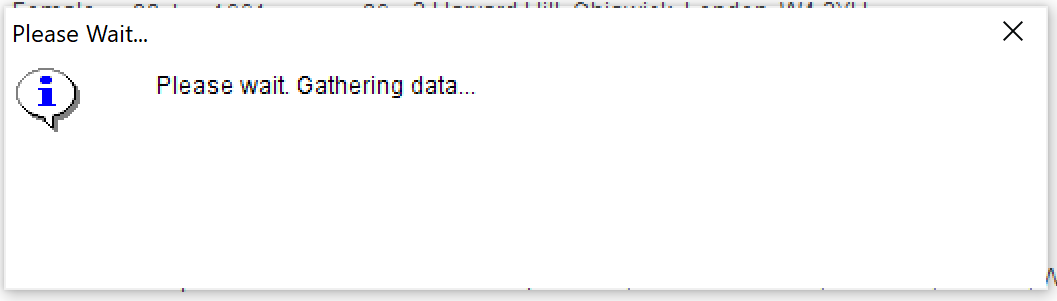
* Click to select the report **EXPORT1 - BP Quality Improvement Dashboard - Use Output for Show Patients**
* Click  to **run the report**
* When the report has completed click  to **Show Patients**



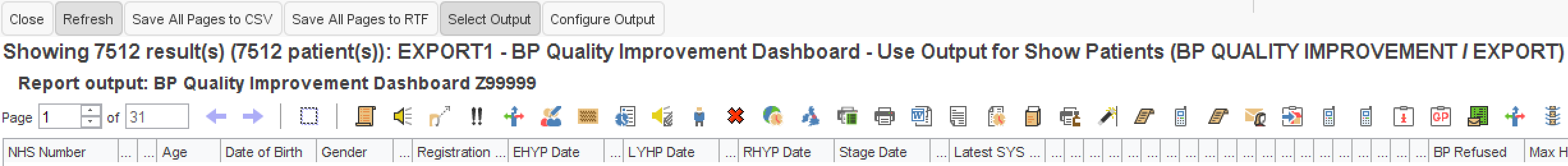
* From within the Show Patients list click **Select Output**



* Select **Pre-Defined Report Output** and select the Output **AF Quality Improvement Dashboard - <Practice Code>** and click **OK**



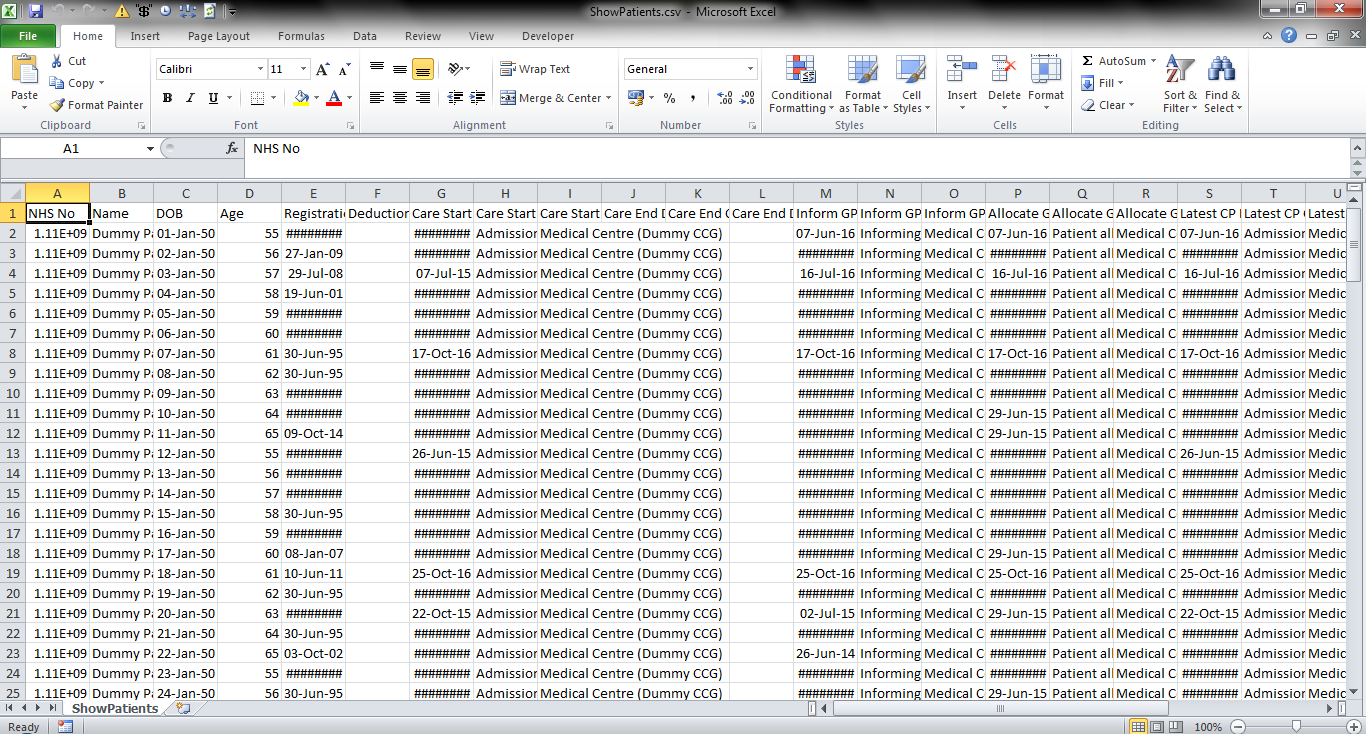
* After a short time the patient data output will display



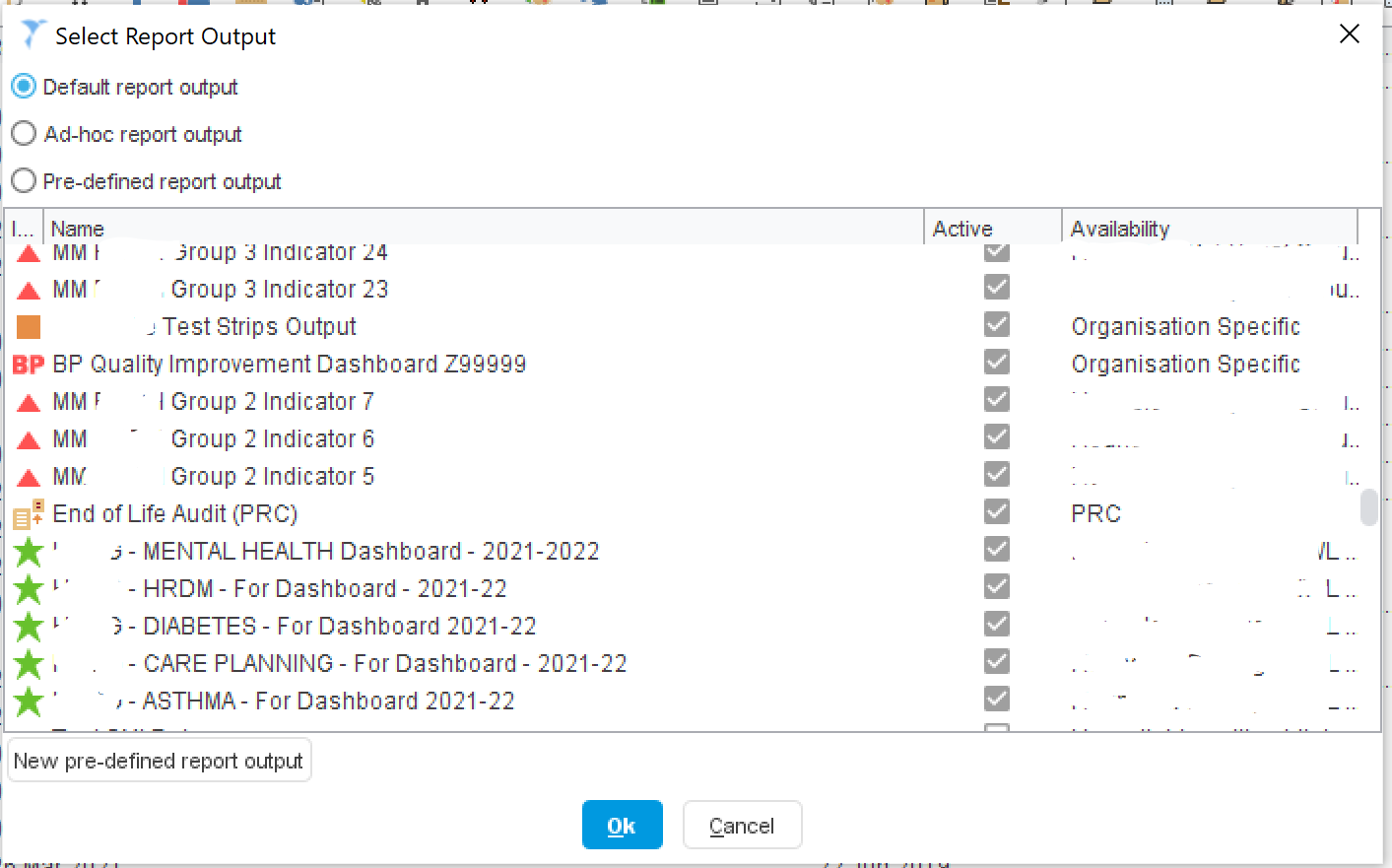
* Click **Save All Patients to CSV**



* The Export file will be created and may take some time to complete and the File will open within Excel

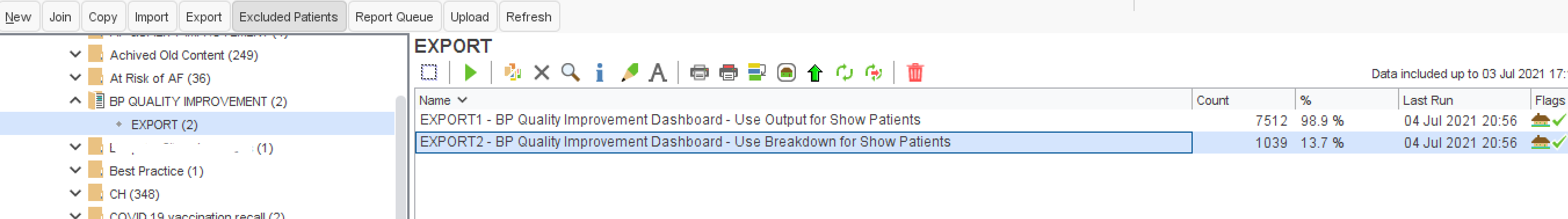


* Press **<ALT>** and **F4** or Click  to close Excel
* Do not save any changes if prompted
* You will be returned back to the output within SystmOne click **Select Output**



* Select **Default report output** and click **OK**
* Click **Close** to return back to the report screen

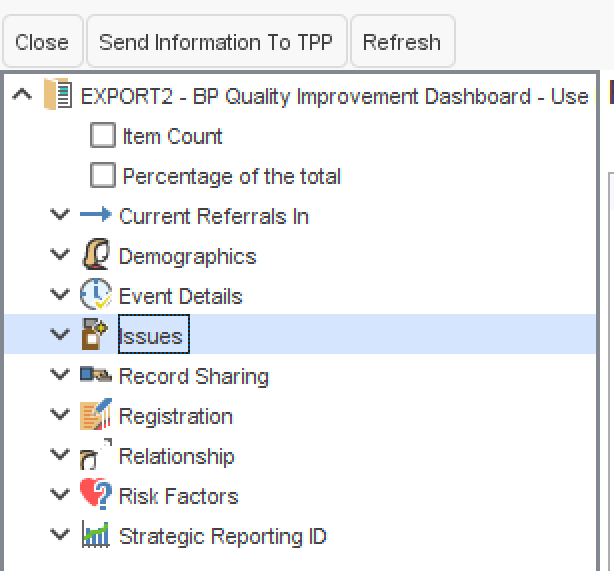
### Export the Drug Issue data for Cardiovascular Medication



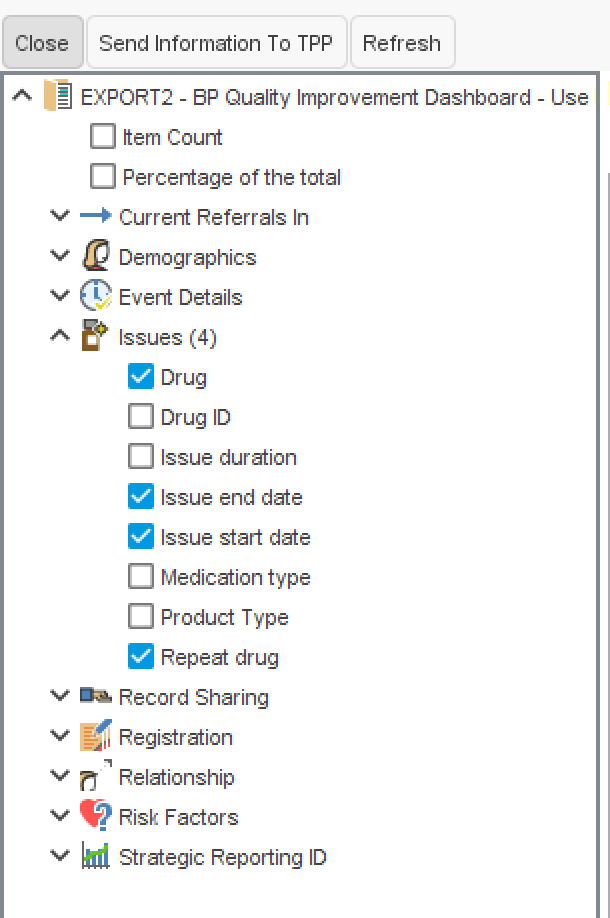
* Select the report **EXPORT2 - BP Quality Improvement Dashboard - Use Breakdown for Show Patients** and click  to **run**

You will need to breakdown the report. You should only need to select the breakdown items once and it should remember the selection the next time you need to update the dashboard

* When complete click  to **breakdown results**



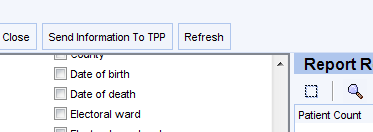
* Click on the ▷ to the left of  to expand and display the items that can included



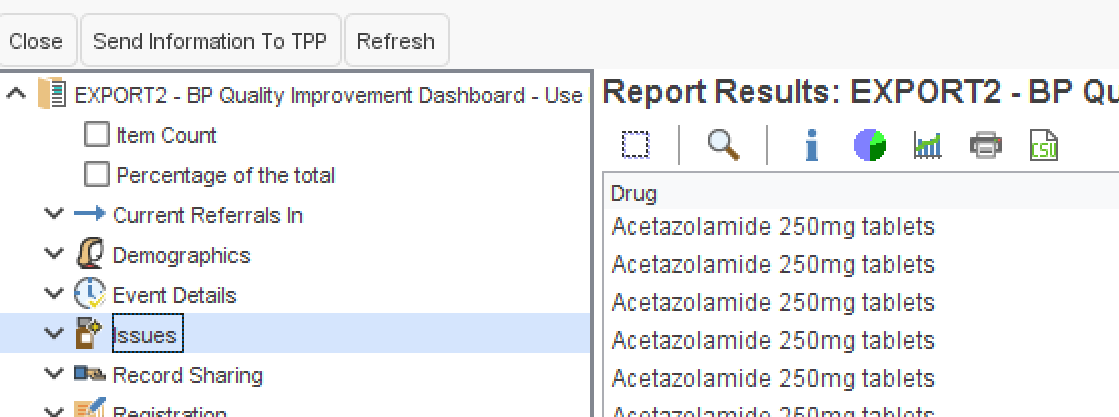
Click on each of the following checkboxes to include by adding a tick to:

* **Drug**
* **Issue End Date**
* **Issue Start Date**
* **Repeat Drug**

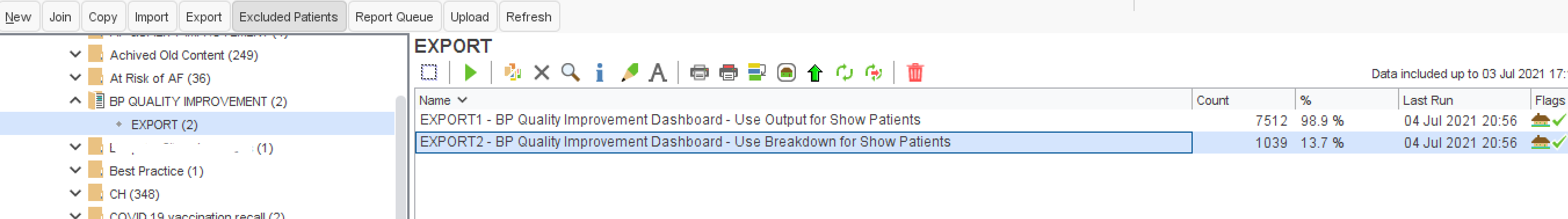
When all the items have been selected click Refresh to display



The Issue history will display on screen and you may receive a message about to many rows which can be ignored

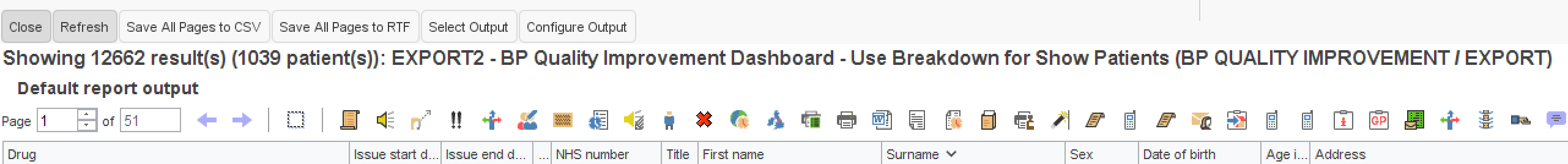


* Click  to close this report breakdown
* You are returned to the report screen

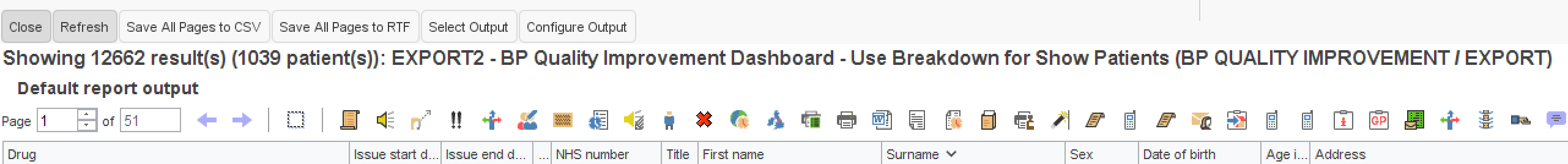


Select the report **EXPORT2 - BP Quality Improvement Dashboard - Use Breakdown for Show Patients**

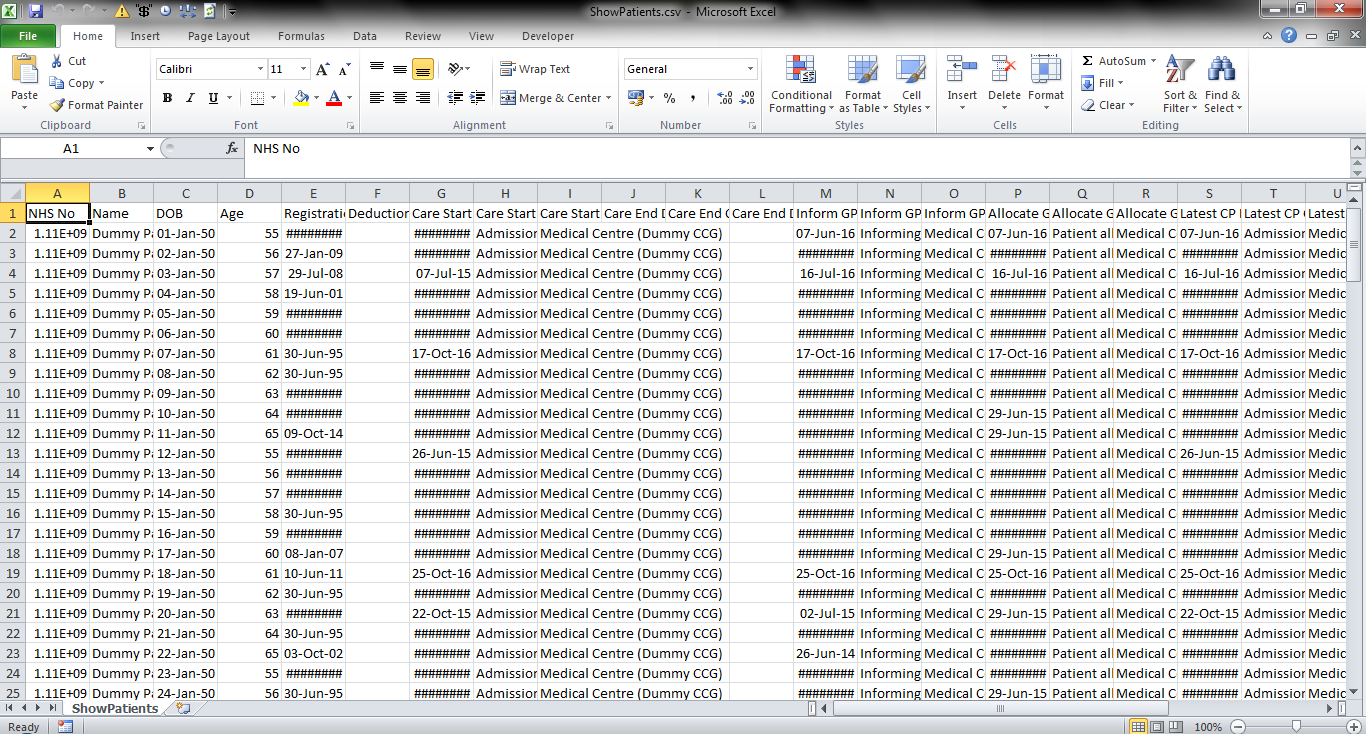
* click  to **Show Patients**



* From within the Show Patients list click **Save all Patients to CSV**



* The Export file will be created and may take some time to complete and the File will open within Excel

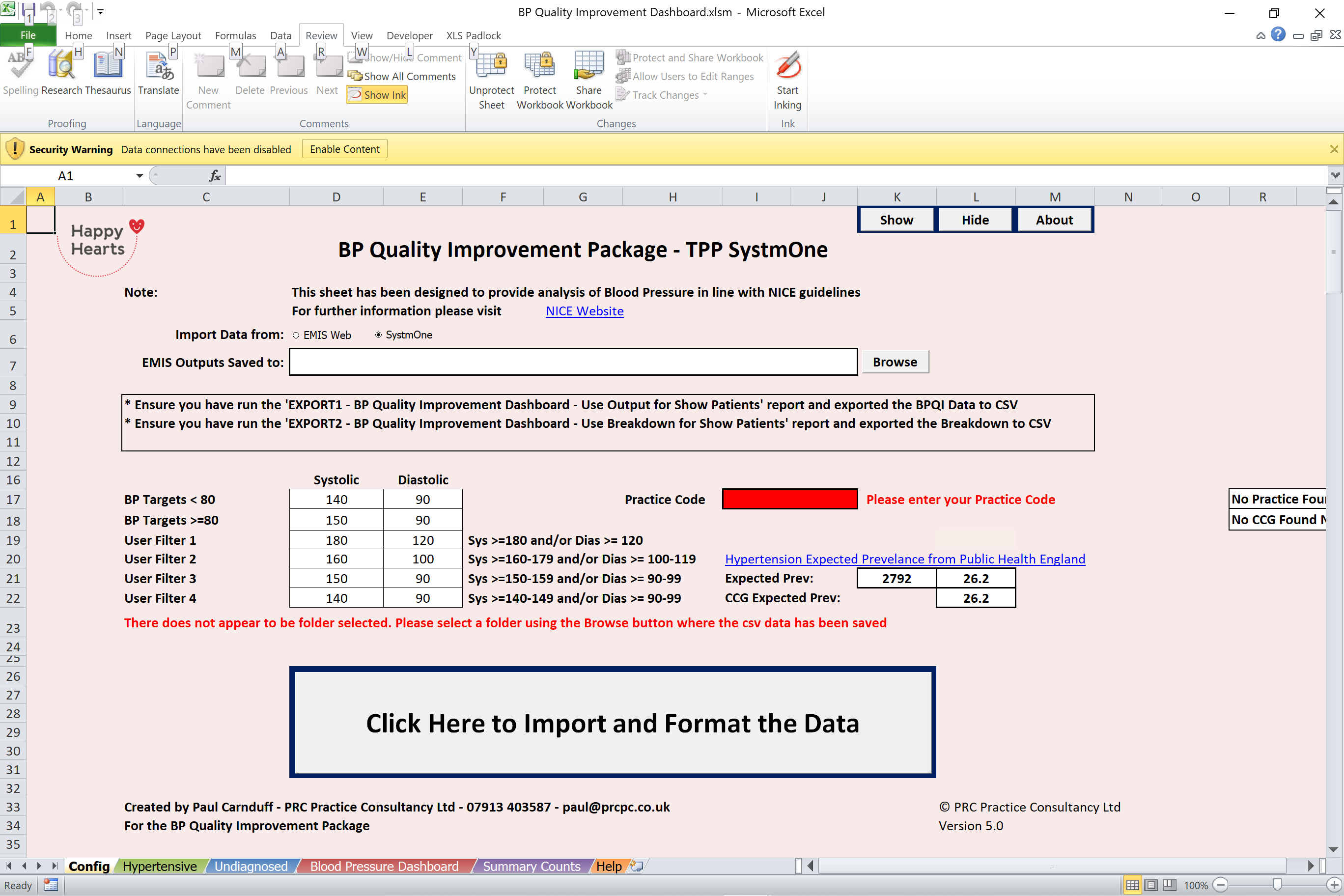


* Press **<ALT>** and **F4** or Click  to close Excel
* Do not save any changes if prompted
* You will be returned back to the Drug issue list within SystmOne click **Close**

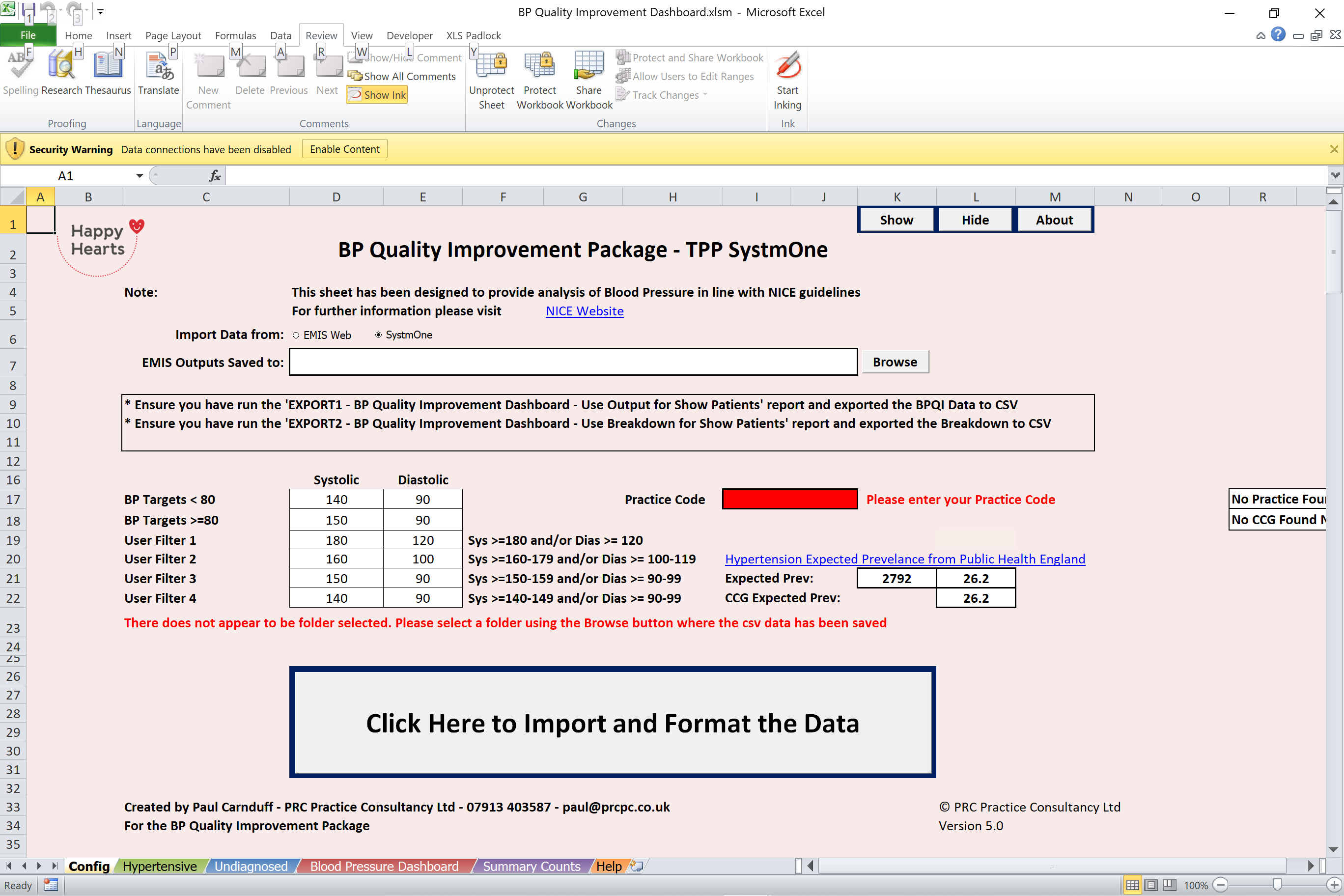
Both outputs should now be available to the dashboard when run

## Creating the BP Quality Improvement Dashboard

Within the Folder selected when the dashboard was installed (**<SHARED DRIVE> \BP Quality Improvement Dashboard)** is a file **BP Quality Improvement Dashboard.xlsm** which will be used to import the data and produce the practice analysis



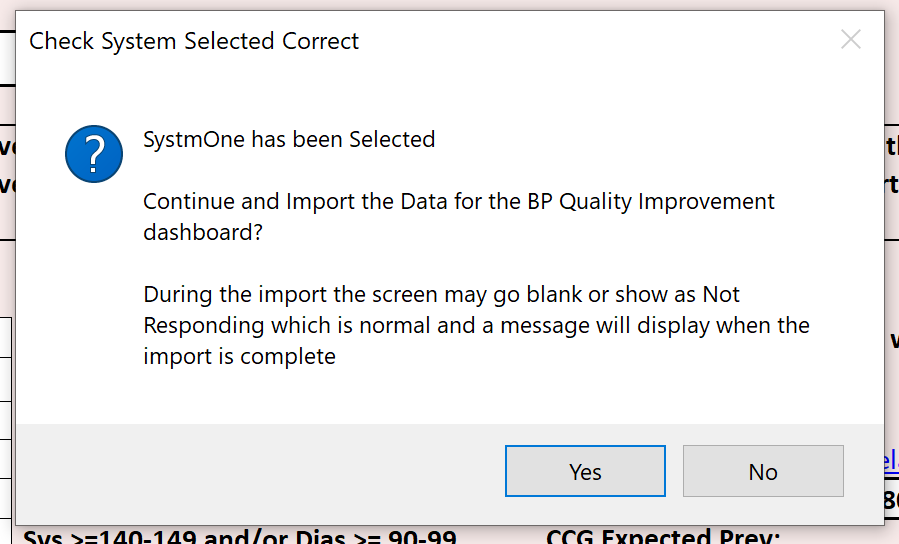
* Open the file **BP Quality Improvement Dashboard.xlsm**
* Click **[Enable Content]** on the yellow security warning bar



* **Click** to select SystmOne
* **Click** the practice code cell to enter your **practice code**
* **The expected prevalence and Practice / CCG details should display**

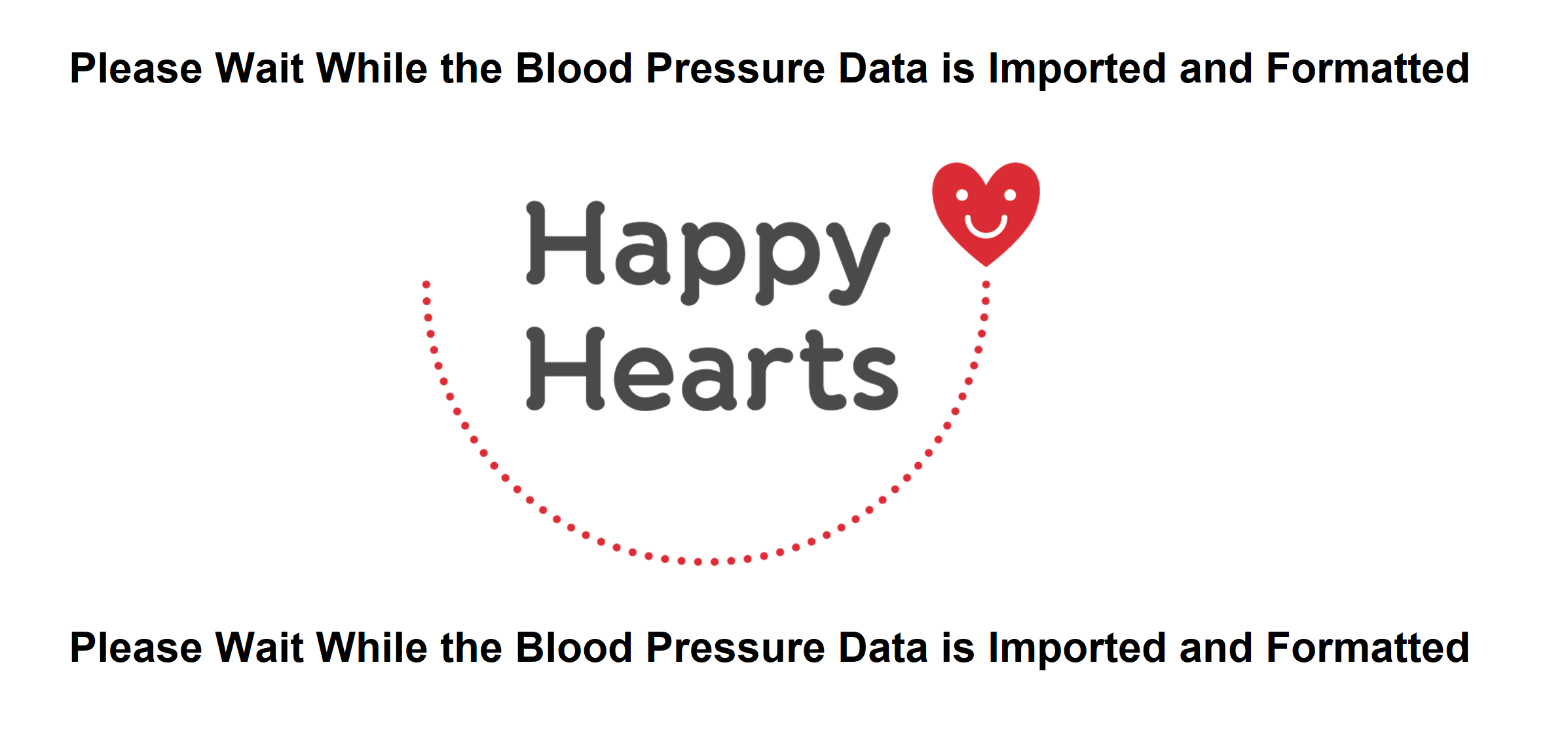
**TIP:** At this point you could click save which will save this will be the default used every time you open this dashboard to run in the future

* **Click** the Button ‘**Click Here to import and Format the data**’



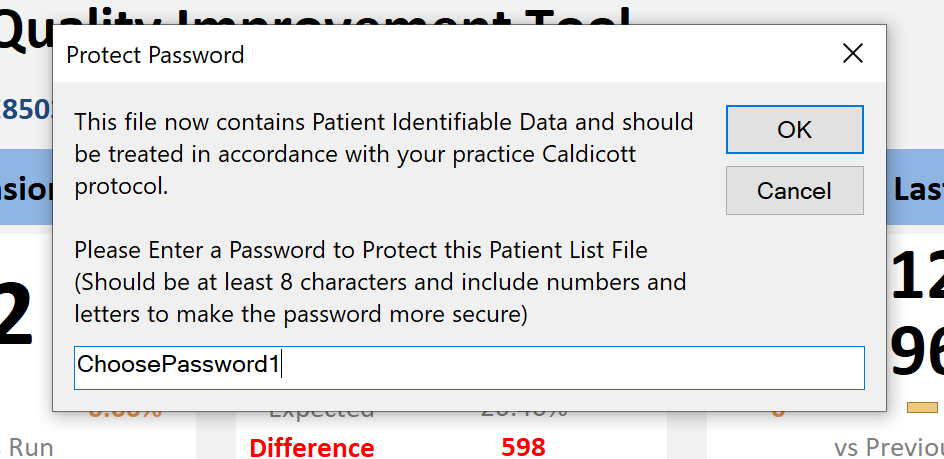
A message will be displayed confirming the clinical system that has been selected

* Confirm SystmOne has been selected and click **Yes**



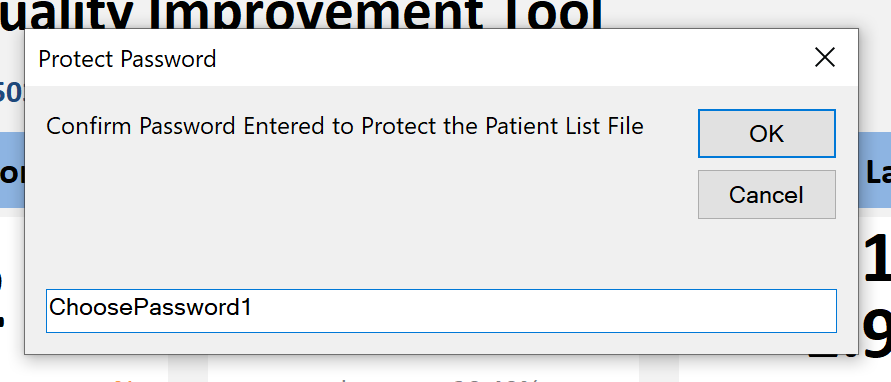
During the import the above screen will be displayed. Information on the progress will be displayed on the status bar at the bottom of the screen. This may take a minute or so to process the data

The information imported into the dashboard contains patient identifiable data and should be secured as per your practice data protection policy and inline with your Calidicot protocol

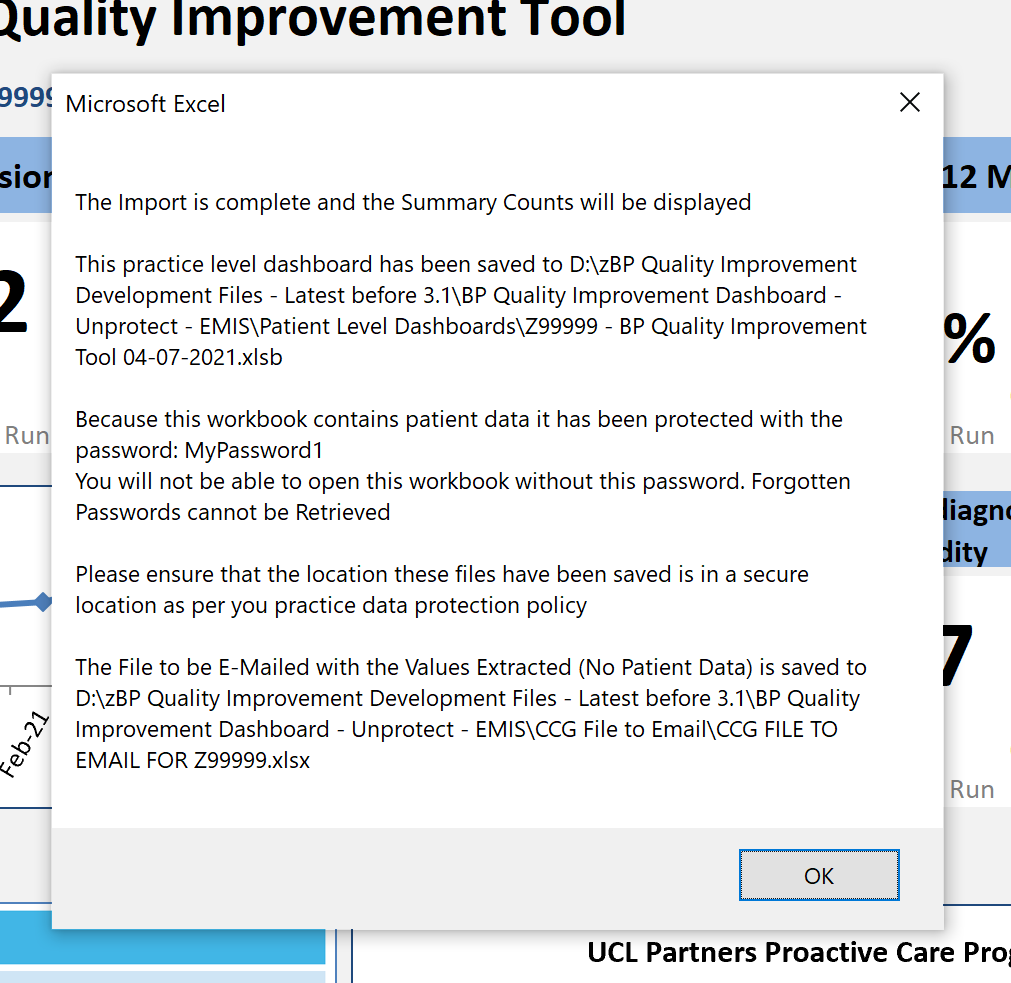


During the import process you will be prompted to enter a passwortd for the file created. Passwords should be a minimum of 8 characters and will be used to protect the file once saved. Please ensure that you remember any password used as these are not retrievable.

* **Enter a password** of at least 8 characters



* **Confirm the password** just entered and click **OK**

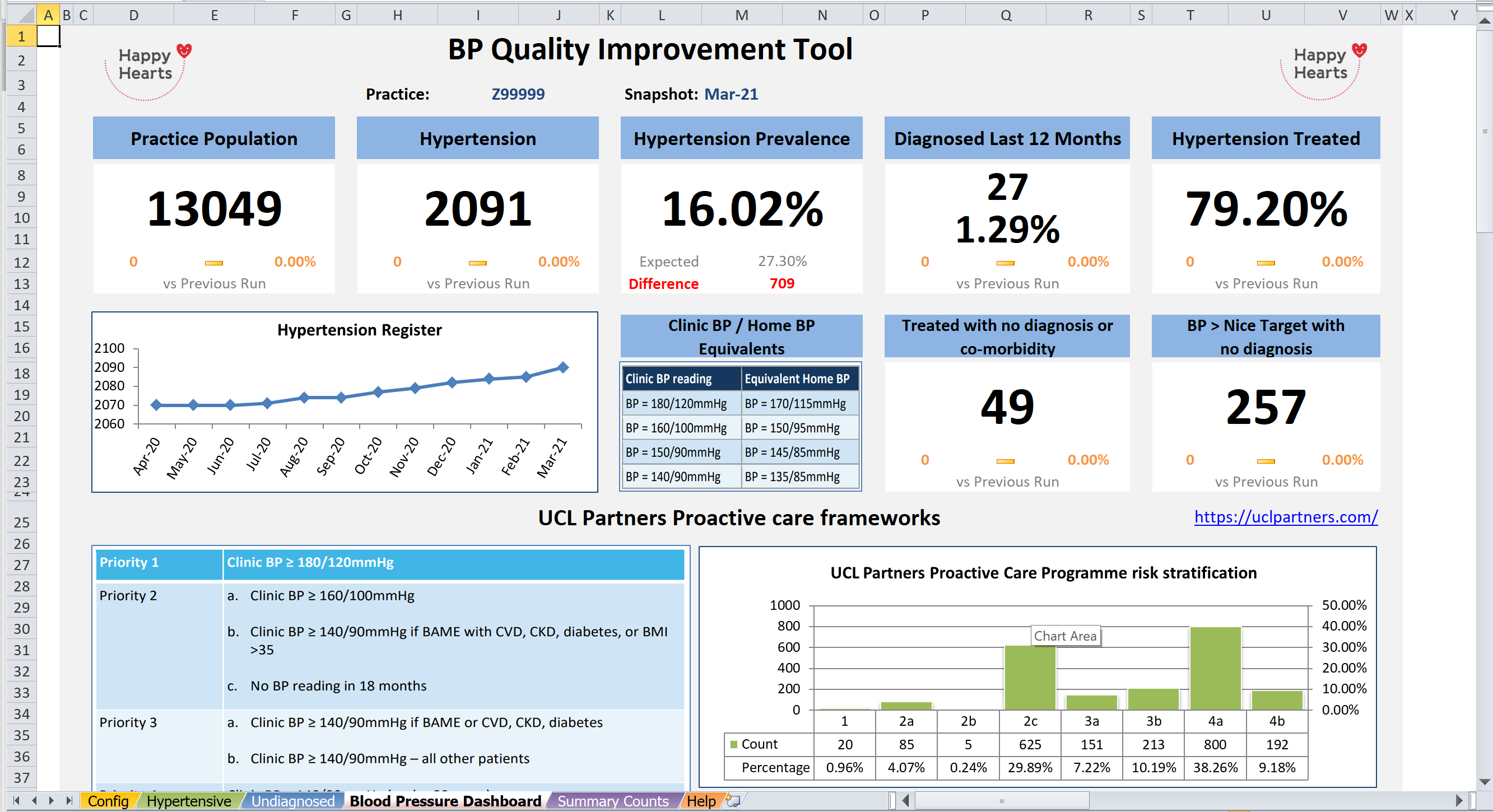


A message is displayed when the import is complete which details:

* Filename and location of the saved file
* Password used
* Filename and location of the file to email for the CCG figures
* Click **OK** to display the dashboard overview for your practice

## Using the Dashboard

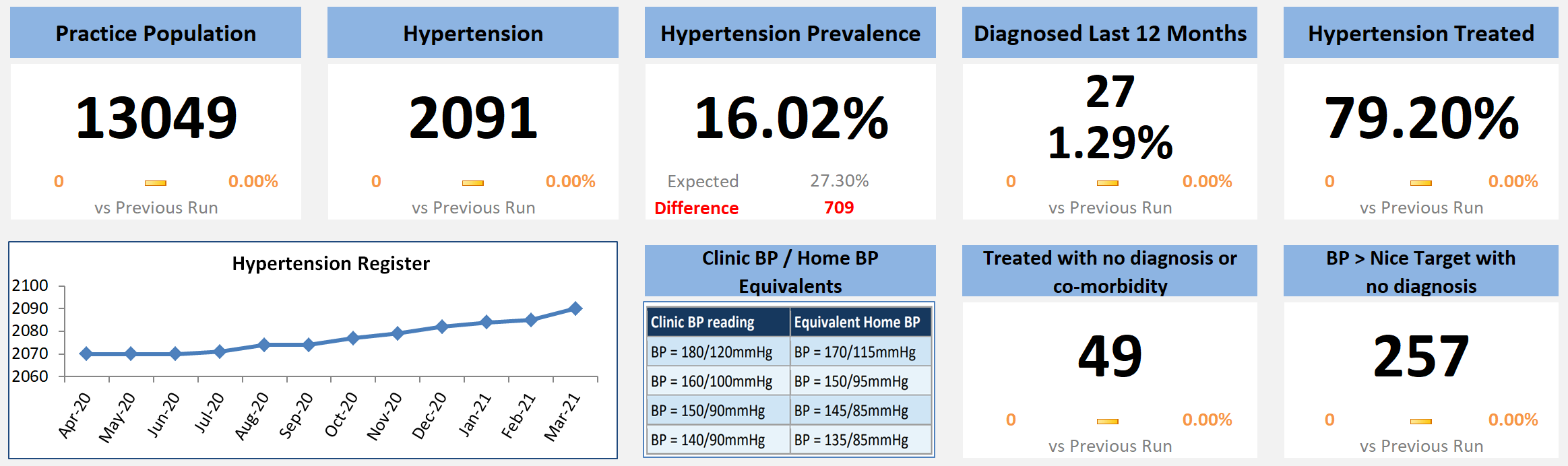
The dashboard will be displayed detailing the figures for the practice population and those patients with Hypertension as well as those patients who have not been diagnosed but could possibly be reviewed



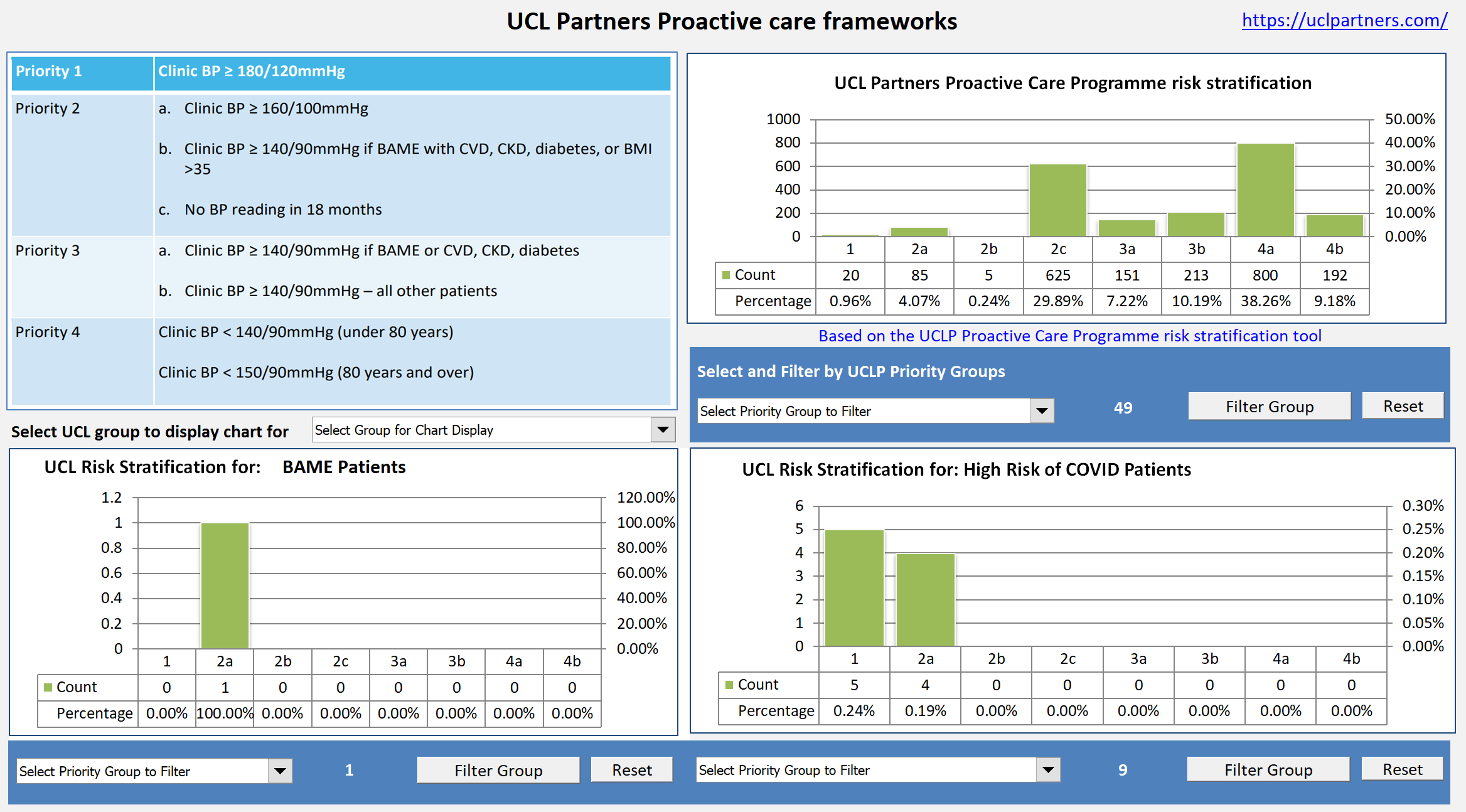
* The dashboard can be printed by clicking **File** then **Print**
* 3 Tabs provide you with information
  + Blood Pressure Dashboard
  + Hypertensive
  + Undiagnosed
* The remaining Tabs provide summary count And help information

## Blood Pressure Dashboard

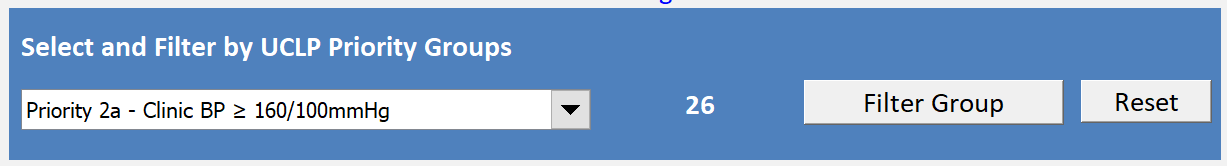
The blood pressure dashboard counts summary counts of the patients identified as Hypertensive or those that could possibly be undiagnosed.



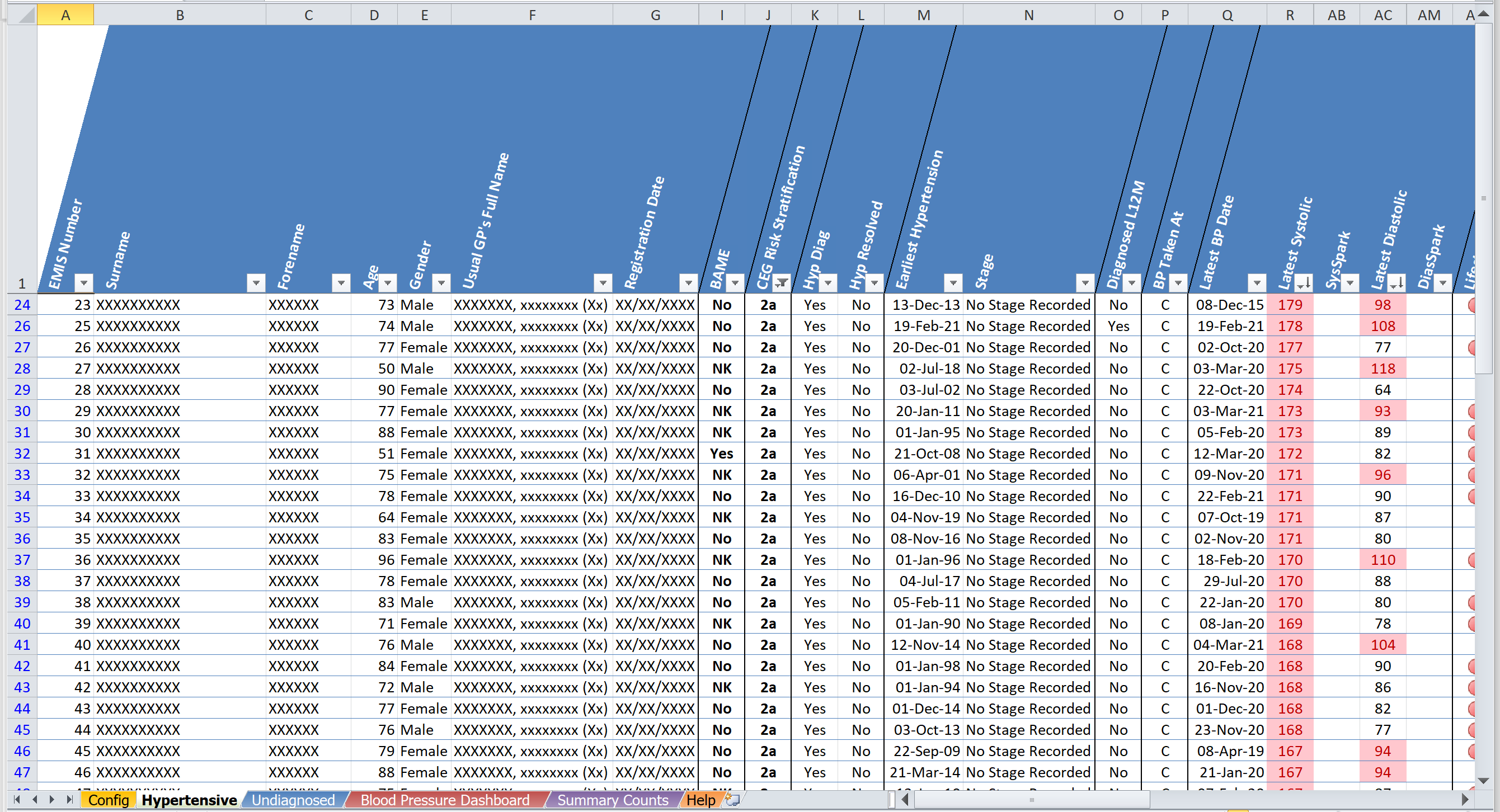
* **Counts** of populations and percentages are provided as well as information from the last time the dashboard has been run. All of the counts have been taken from the Hypertensive and Undiagnosed tabs that will show the patients included



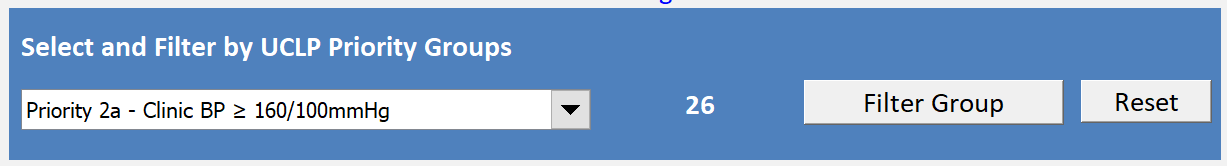
* **UCL Partners Proactive Care Frameworks** shows the number of patients with a priority score based on the current 1-4 scale. Ther top chart shows the patients on the hypertensive register and the remaining 2 charts allow you to display the priority groups for those with specific comorbidities which can be selected from the ‘Select Group for Chart Display’ Menu. Those patients with priority and a High Risk of COVID is also displayed.
  + You can filter each of the charts to display patients that are included in the priority groups by selecting the group to display the number identified and clicking ‘Filter Group’

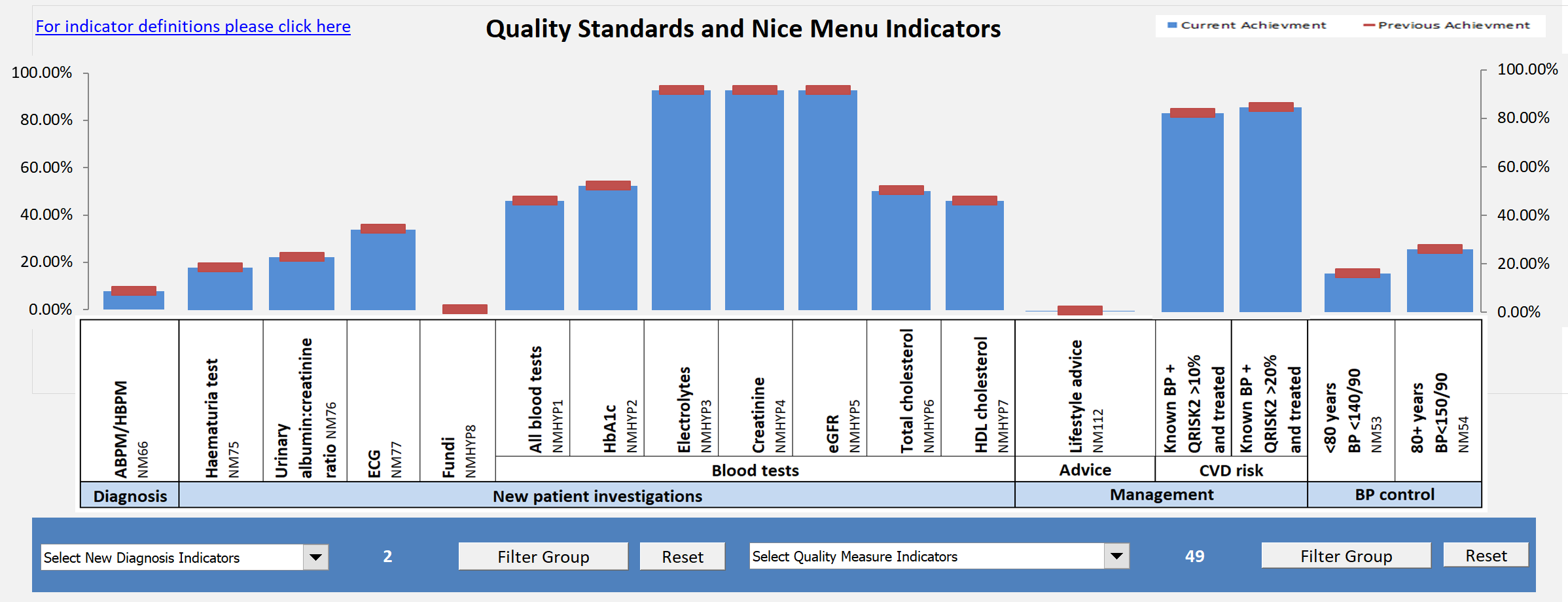


When filtered the relevant tab will display with the patients included displayed

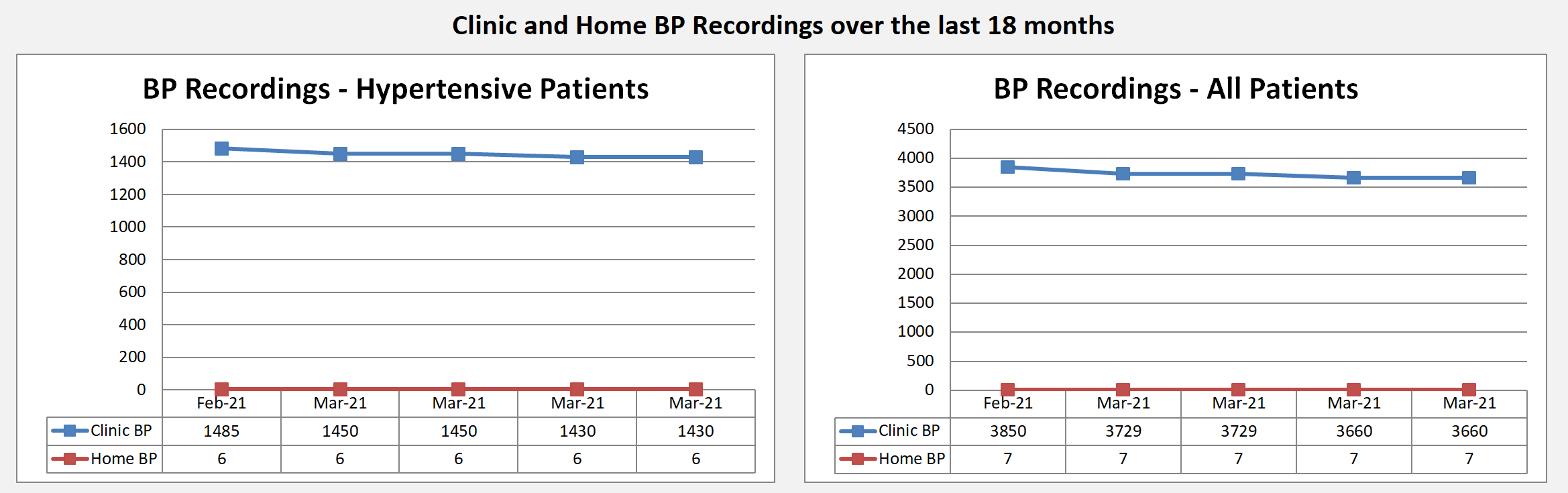


When the filter is applied it shows patient identifiable details along with latest results that patient has recorded including Latest BP, Latest BP Above Target, Latest BMI, Latest QRISK, Latest Cholesterol, Latest HDL, Latest eGFR, Any treatment the patient is taking for Hypertension, Any Statins being taken and any Co-Morbidities.

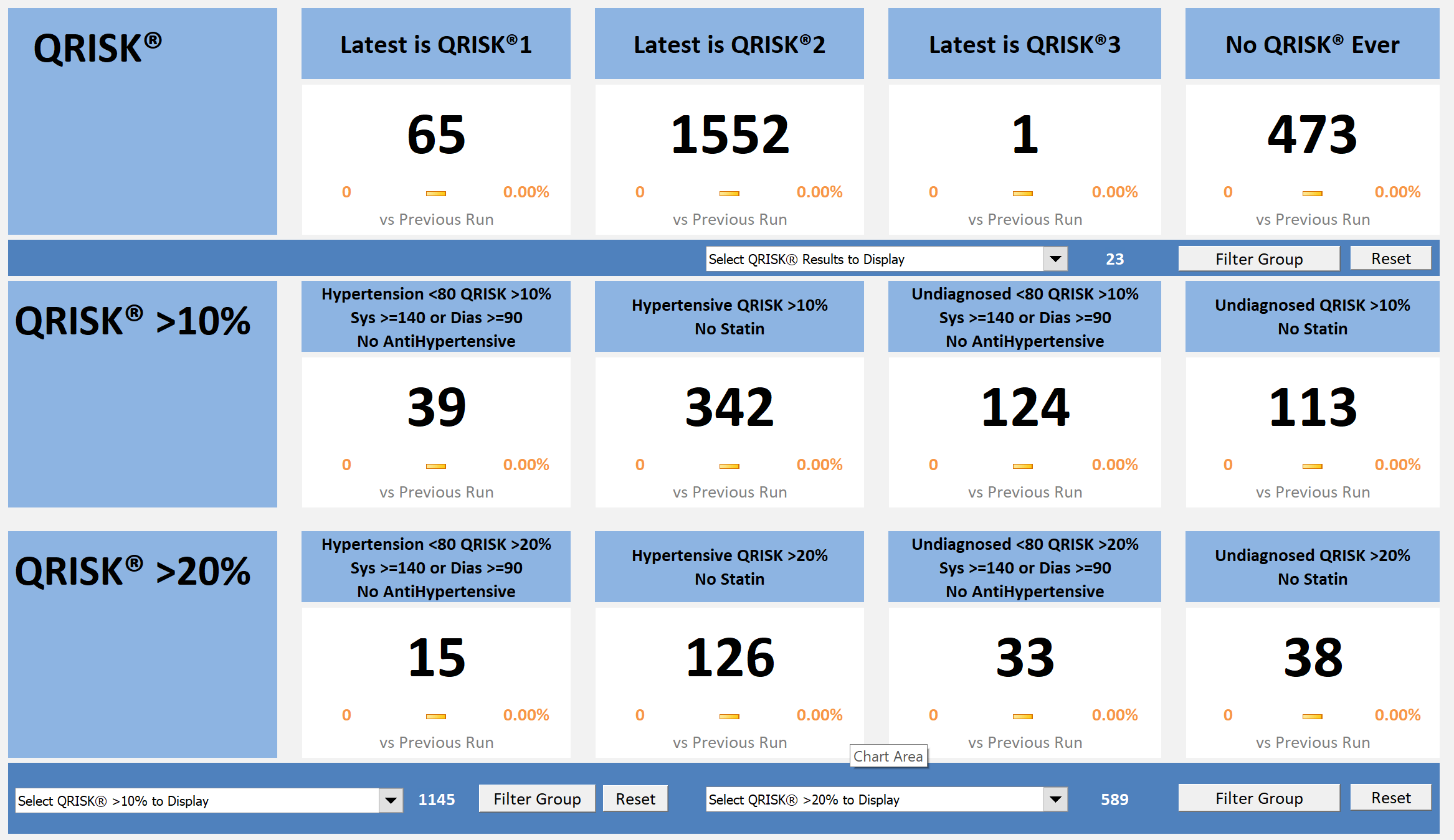
* **To reset the filter** click the Blood Pressure Dashboard and click **Reset**
* The filtered tab will be reset to display all the patients



* **Quality Standards** shows each of the Quality standards for these Hypertensive patients. The % against the denominator population is also displayed including the previous achievement
  + You can filter each of the Quality standards to display the patients



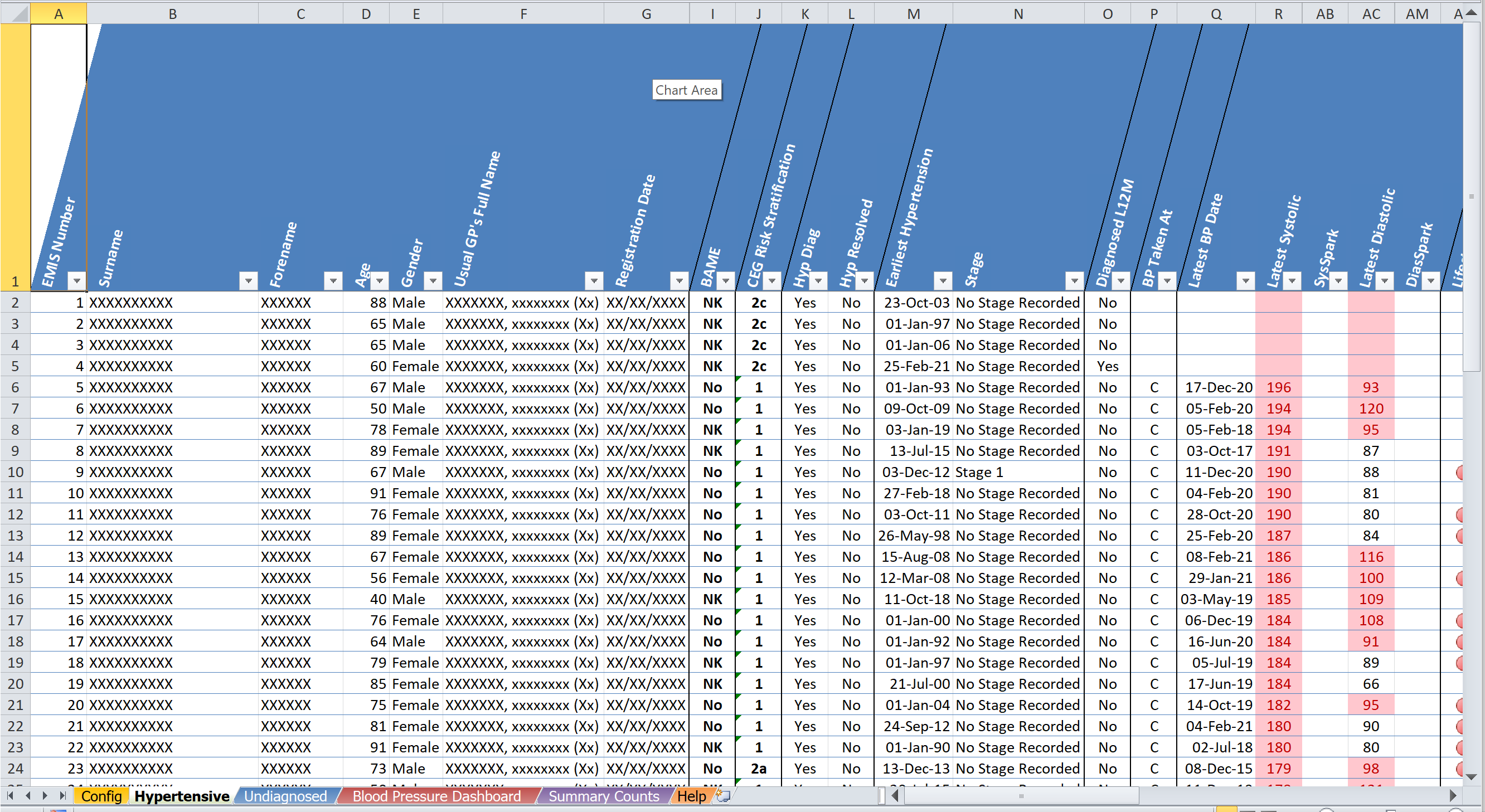
* **Home and Clinic BP Counts** shows how many patients have had a home BP or clinic BP recorded and will display the latest 10 counts from the runs completed. The count shows against the Hypertensive and total patients.



* **QRISK®** shows breakdown of those patients with a QRISK® score and the numbers with QRISK® above 10% and 20%. Patients can be filtered here as previously shown including identifying those with a latest score using QRISK®1

## Hypertensive Patient Level View

The Hypertensive Patient level view shows the patients with a diagnosis of Hypertension and any results and treatment that the patient has received. Achievement against the nice indicators is also shown



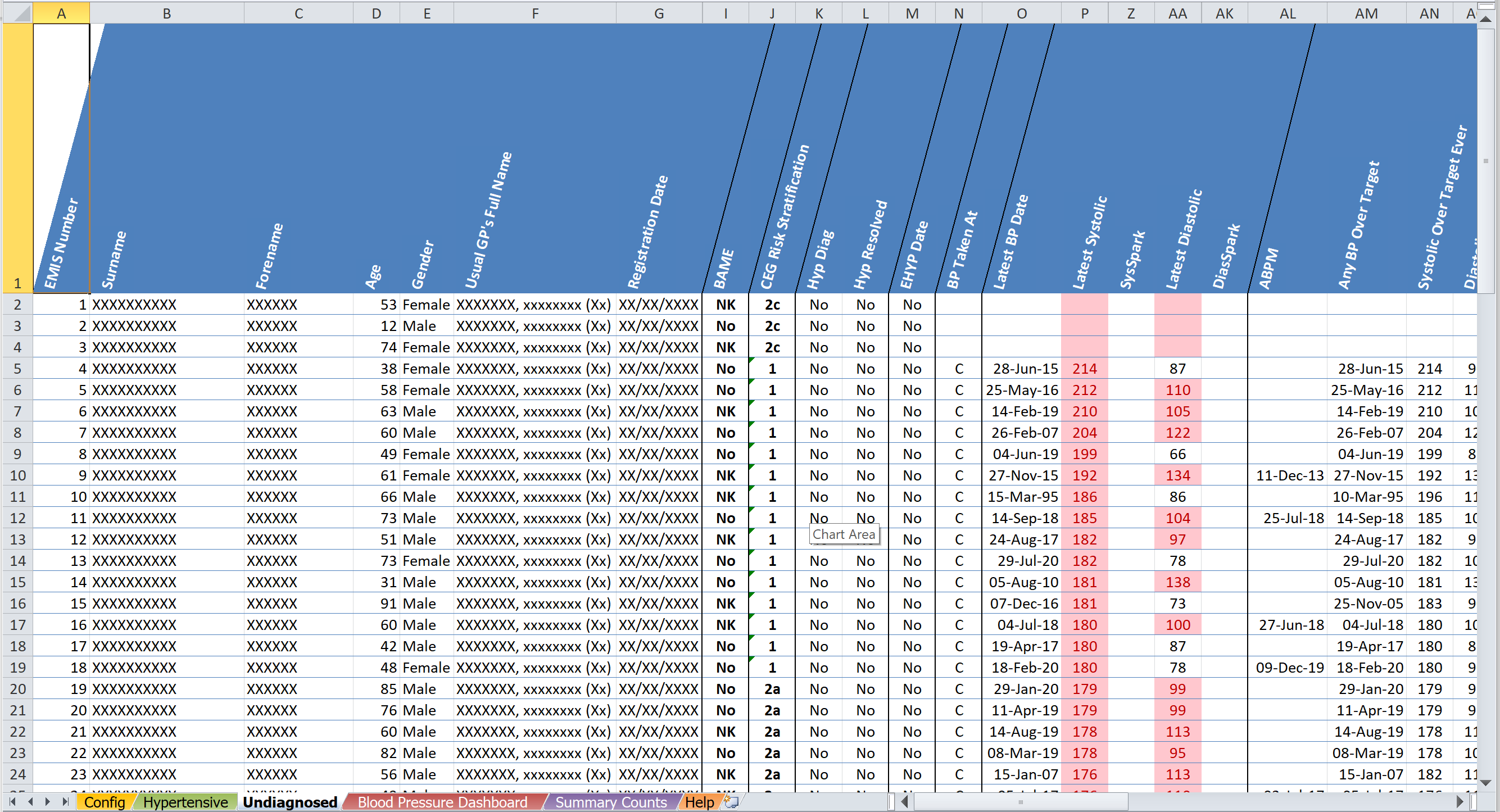
* **Click** the **Hypertensive** tab

The patient details along with Priority Group, Ethnicity, diagnosis date and stage, those diagnosed in the last 12 months, Latest BP, Lifestyle Advice, Latest BMI, Latest QRISK, Latest Cholesterol, Latest HDL, Latest eGFR, Any treatment the patient is taking for Hypertension, Any Statins being taken, Any Co-Morbidities, achievement against the nice indicators and High Risk of COVID recorded

This view can be printed or filtered to identify those patients to target e.g. Patients with no BP in the last 12 months, Patients with high cholesterol who are not treated with statin, Patients with BP not to target who are not on treatment for hypertension.

## Undiagnosed Patient Level View

The Undiagnosed Patient level view shows the patients with No diagnosis of Hypertension who have a latest BP over target (140/90) or on treatment but no diagnosis.



* **Click** the **Undiagnosed** tab

The patient details along with latest results that patient has recorded including Latest BP, Latest BP Above Target, Latest BMI, Latest QRISK, Latest Cholesterol, Latest HDL, Latest eGFR, Any treatment the patient is taking for Hypertension, Any Statins being taken and any Co-Morbidities

# Support

Any problems with Installing, Running or using the dashboard you should contact:

Paul Carnduff

[Paul.carnduff@nhs.net](mailto:Paul.carnduff@nhs.net)

07913 403587