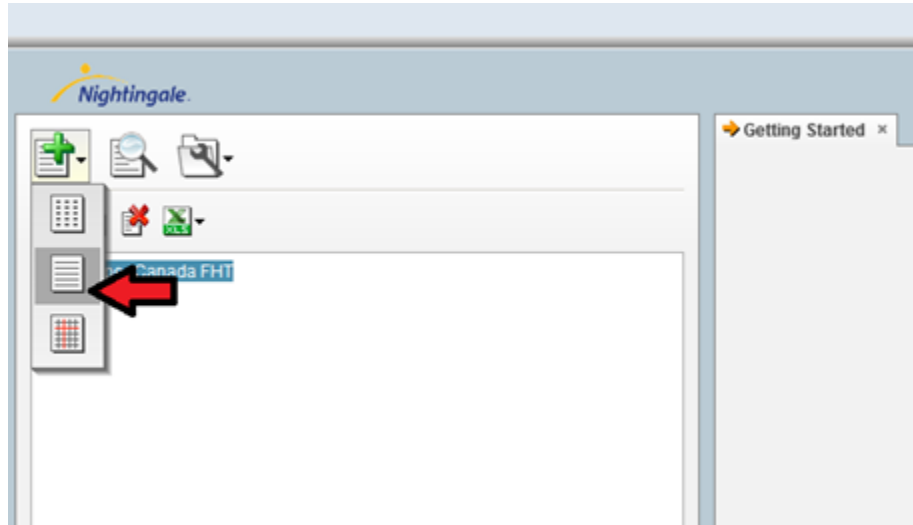


# Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

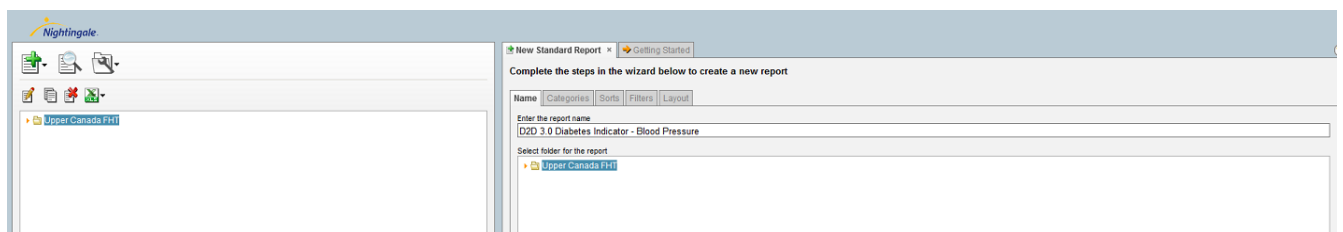
---

## AFHTO D2D Diabetes Care Blood Pressure Numerator v1

In Data Miner Module create new Standard Report



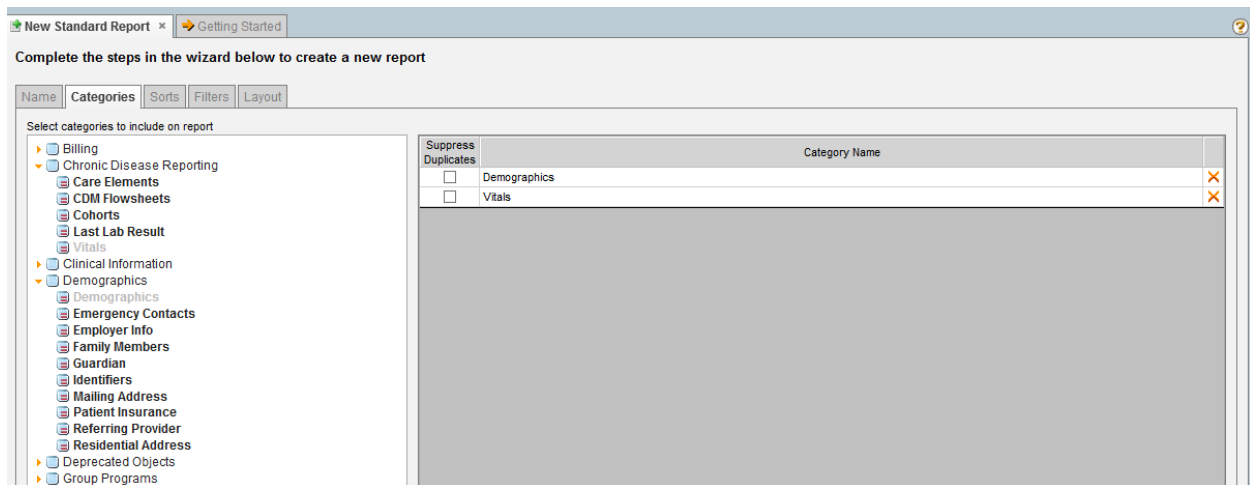
Name your report and file it in required folder and then click Next:



**Categories:** Select (double click or drag and drop the category) and then click Next:

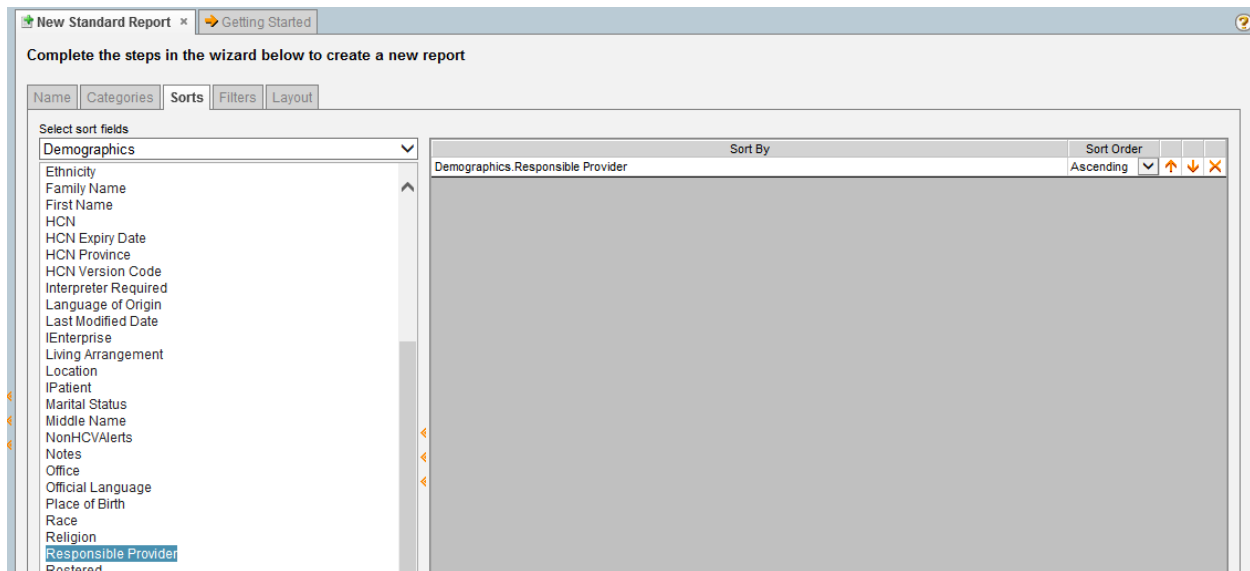
- Demographics → Demographics
- Chronic Disease Reporting → Vitals

# Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure



**Sort:** Can sort based on any parameter, in this example we used “Responsible Provider”. Select your sort parameter and then click Next.

**NOTE:** We selected Responsible Provider as the sort because we typically review our data per provider and for the entire group. This is an internal practice for Upper Canada FHT and not necessary for D2D.



## **Filters:**

Filter 1: Select Demographics from the drop down and then either double click or drag and drop Chart Status into “Filter By” area.

# Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

In the filter details below:

- Change the first drop down to “Equal to”
- Then click on the drop down arrow and select Active

The screenshot shows the 'New Standard Report' wizard in Nightingale On Demand. The 'Filters' tab is selected. On the left, a list of filter fields is shown, with 'Chart Status' highlighted. On the right, the 'Filter By' area shows 'Demographics.Chart Status' selected. Below this, a red box highlights the filter configuration: the first dropdown is set to 'Equal To', the second dropdown is set to 'Active', and the 'AND With Next Filter' checkbox is checked. At the bottom left, a red box highlights the 'SUMMARY' section, which displays 'Demographics.Chart Status = 'Active''.

Filter 2: Select Vitals from the drop down and then either double click or drag and drop Vitals.Blood Pressure into the “Filter by” area.

In the filter details below:

- Change the first drop down to “Less Than or Equal to” and enter value “149/89”

## Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

**Report Filters**

Select filter fields to include on report

Demographics

- Age In Days
- Age In Months
- Age In Years
- Alerts
- Alias
- Alias2
- Arrival to Canada
- Chart Number
- Chart Status
- Chart Status Date
- Citizenship
- Deceased Date
- DOB
- Ethnicity
- Family Name
- First Name
- HCN
- HCN Expiry Date
- HCN Province
- HCN Version Code
- Interpreter Required
- Language of Origin
- Last Modified Date
- IEnterprise
- Living Arrangement
- Location
- IPatient
- Medical Status

Switch to GROUP (MIN/MAX) Filters

Filter By

Filter By			
Demographics.Chart Status	↑	↓	×
Vitals.Blood Pressure	↑	↓	×
Vitals.Visit Date	↑	↓	×

Less Than Or Equal To 149/89

AND With Next Filter

☐ Group With Next Filter

☐ Prompt For Value

**SUMMARY**

Demographics.Chart Status = 'Active' And Vitals.Blood Pressure <= '149/89' And Vitals.Visit Date >= '2015-01-05'

OK Cancel

**TIP:** Ensure that the Summary box at the bottom reflects the dates that you have selected.

Sometimes when changing the date you need to click in the date box area to “force” the change in the Summary.

Filter 3: Select Vitals from the drop down and then either double click or drag and drop Vitals.Visit Date into the “Filter by” area.

In the filter details below:

- Change the first drop down to “Greater Than or Equal to” and enter date 12 months prior to report run date using the calendar
- Enter a check in the “Prompt for Value” box

# Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

New Standard Report x Getting Started

Complete the steps in the wizard below to create a new report

Name Categories Sorts Filters Layout

Select filter fields to include on report

Vitals

- Blood Pressure
- Blood Sugar
- BMI
- BSA
- Data Id
- Head Circumference
- Heart Rate
- Height
- Height Percentile
- Height VS Weight Percentile
- IEnterprise
- IID
- IPatient
- Patient Family Name
- Patient First Name
- PEFR
- Respiration Rate
- Temperature
- Visit Date
- Waist Circumference
- Weight
- Weight Percentile

Demographics.Chart Status

Filter By

Vitals.Blood Pressure

Vitals.Visit Date

Greater Than Or Equal To 2015-01-05

AND With Next Filter

☐ Group With Next Filter

☒ Prompt For Value

ADD

SUMMARY

Demographics.Chart Status = 'Active' And Vitals.Blood Pressure < '150/90' And Vitals.Visit Date >= '2015-01-05'

Cancel Previous Next Finish

**Layout:** Click the drop down (see red arrow below) and select the required category. Either double click or drag and drop the required output fields. For this search we selected the following:

- Demographics
  - Chart Number
  - Chart Status
  - Family Name
  - First Name
  - HCN
  - Responsible Provider
- Vitals
  - Vitals.Blood Pressure
  - Vitals.Visit Date

Once you have selected all of your outputs click Finish in the bottom right corner

# Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

New Standard Report x Getting Started

Complete the steps in the wizard below to create a new report

Name Categories Sorts Filters Layout

Select fields to include on report

Vitals

- Blood Pressure
- Blood Sugar
- BMI
- BSA
- Data Id
- Head Circumference
- Heart Rate
- Height
- Height Percentile
- Height VS Weight Percentile
- IEnterprise
- IID
- IPatient
- Patient Family Name
- Patient First Name
- PEFR
- Respiration Rate
- Temperature
- Visit Date
- Waist Circumference
- Weight
- Weight Percentile

Add

Demographics.Chart Number  
Demographics.Chart Status  
Demographics.Family Name  
Demographics.First Name  
Demographics.HCN  
Demographics.Responsible Provider  
Vitals.Blood Pressure  
Vitals.Visit Date

Summary Function  
f None  
f None  
f None  
f None  
f None  
f None  
f None  
f None

Summarize By  
☐ Demographics


☒ Page Header ☐ Page Footer ☐ Grand Total

Preview

D2D 3.0 Diabetes Indicator - Blood Pressure							
Chart Number	Chart Status	Family Name	First Name	HCN	Responsible Provider	Blood Pressure	Visit Date
Chart Number 1	Chart Status 1	Family Name 1	First Name 1	HCN 1	Responsible Provider 1	Blood Pressure 1	Visit Date 1
Chart Number 1	Chart Status 1	Family Name 1	First Name 1	HCN 1	Responsible Provider 1	Blood Pressure 2	Visit Date 2
Chart Number 2	Chart Status 2	Family Name 2	First Name 2	HCN 2	Responsible Provider 2	Blood Pressure 3	Visit Date 3
Chart Number 2	Chart Status 2	Family Name 2	First Name 2	HCN 2	Responsible Provider 2	Blood Pressure 4	Visit Date 4

Cancel Previous Next Finish

## Additional Settings and Functions:

Click the Drop down on the Report Options icon  and select Advanced.

D2D 3.0 Diabetes Indicator - Blood Pressure x Getting Started

Demographics

- Age In Days
- Age In Months
- Age In Years
- Alerts
- Alias
- Alias2
- Arrival to Canada
- Chart Number
- Chart Status
- Chart Status Date
- Citizenship
- Deceased Date
- DOB
- Ethnicity
- Family Name
- First Name

Rename  
Description  
Categories  
Sorts  
Filters  
Options  
Template  
Advanced

Arial

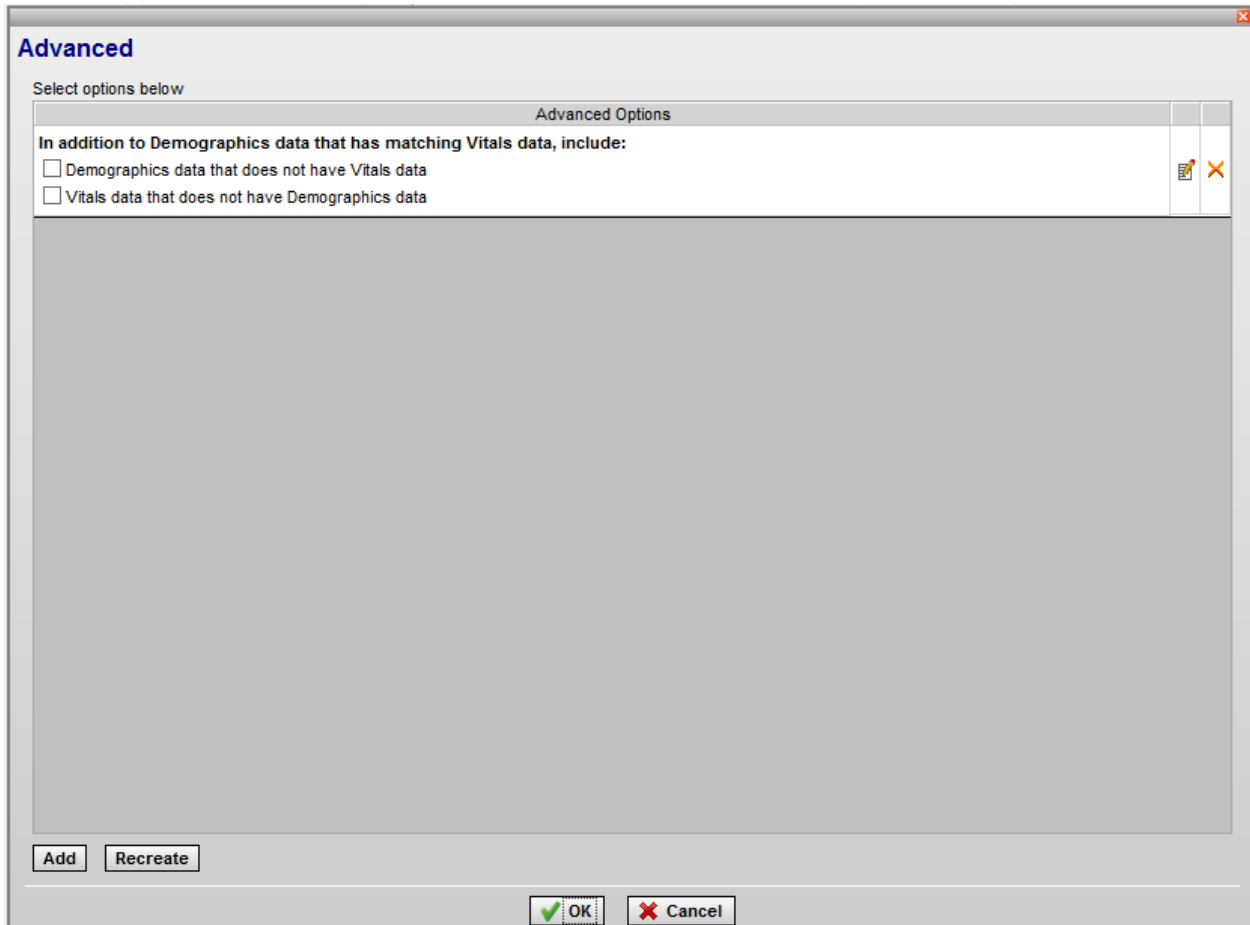
D2D 3.0 Diabetes Indicator - Blood Pressure

	A	B	C	
1	D2D 3.0 Diabetes Indicator - Blood Pressure			
2				
3	Chart Number	Chart Status	Family Name	First Name
4	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name

## Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

---

If there are any ticks in either of the boxes below, remove (ensure both boxes are unticked) and then click OK.



**Advanced**

Select options below


Advanced Options

In addition to Demographics data that has matching Vitals data, include:

- ☐ Demographics data that does not have Vitals data
- ☐ Vitals data that does not have Demographics data

Add Recreate

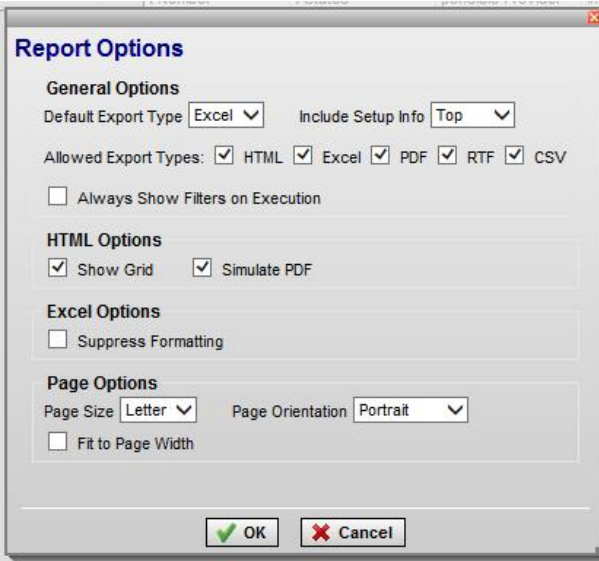
OK Cancel

Click the Drop down on the Report options icon  and select Options

Change the Default Export Type to “Excel” and Include Setup Info to “Top” and then click OK

**TIP:** If you want the Export Type in something other than Excel either leave this option blank or select the appropriate type (Options are HTML, XLS, RTF and CSV).

# Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure



**Report Options**

**General Options**  
Default Export Type: **Excel** | Include Setup Info: **Top**  
Allowed Export Types: ☒ HTML ☒ Excel ☒ PDF ☒ RTF ☒ CSV  
☐ Always Show Filters on Execution

**HTML Options**  
☒ Show Grid ☒ Simulate PDF

**Excel Options**  
☐ Suppress Formatting

**Page Options**  
Page Size: **Letter** | Page Orientation: **Portrait**  
☐ Fit to Page Width

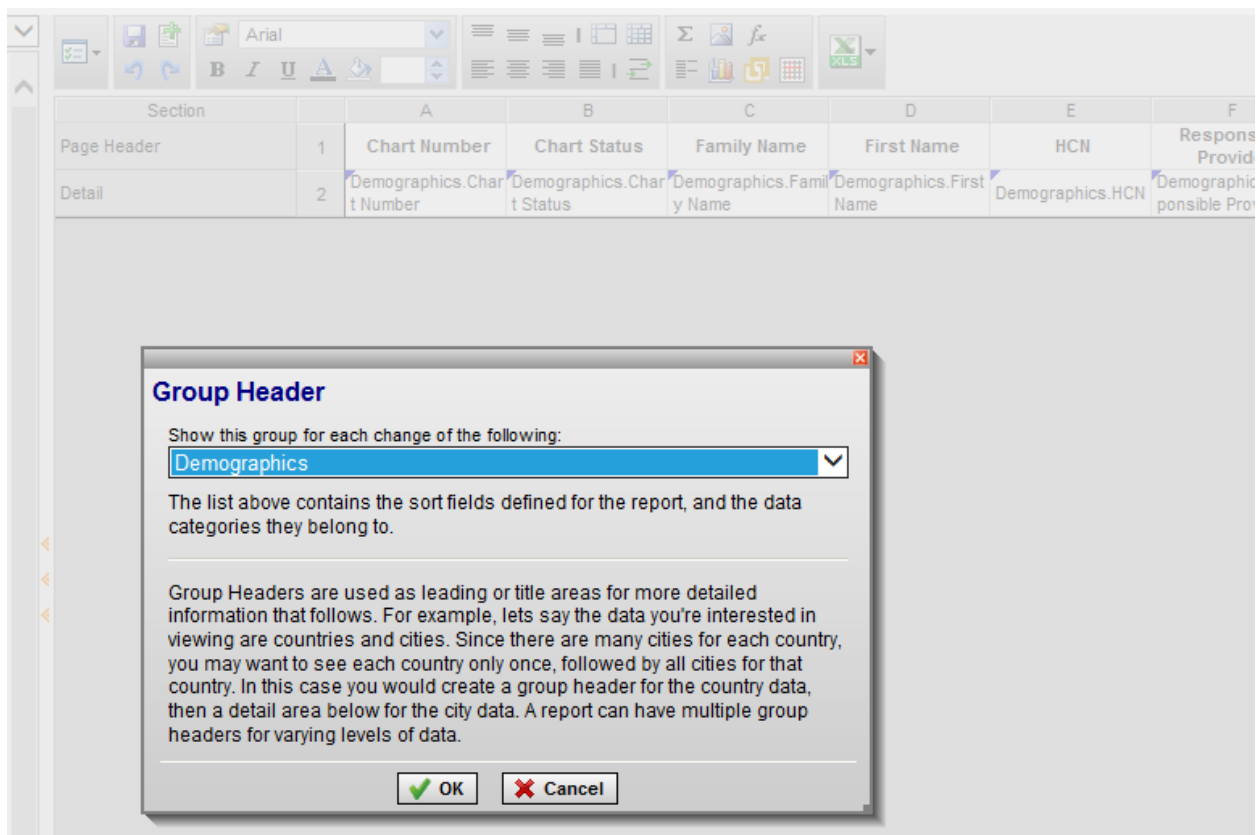
**OK** **Cancel**

To Identify the “Unique Patients”:

Click on Row 1 and click Delete, Click Row 2 and click Delete.

Click on Detail box, click Add Section and then Group Header

In Group Header box under Data Categories select Demographics and then click OK.



The interface shows a report table with the following structure:

Section		A	B	C	D	E	F
Page Header	1	Chart Number	Chart Status	Family Name	First Name	HCN	Respons Provid
Detail	2	Demographics.Char t Number	Demographics.Char t Status	Demographics.Famil y Name	Demographics.First Name	Demographics.HCN	Demographic possible Prov

The **Group Header** dialog box is open, showing the following options:

Show this group for each change of the following:  
**Demographics**

The list above contains the sort fields defined for the report, and the data categories they belong to.

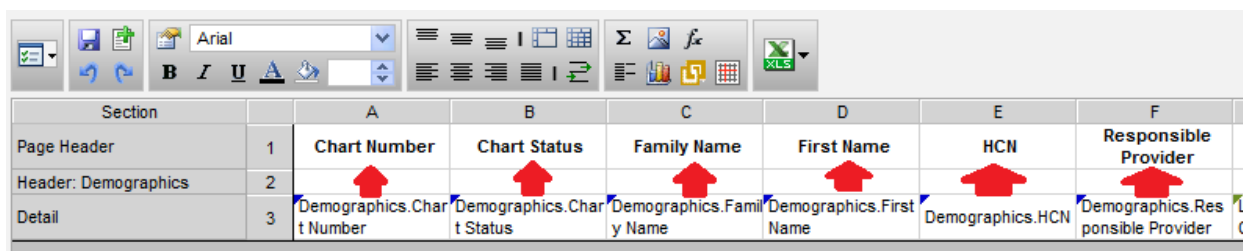
Group Headers are used as leading or title areas for more detailed information that follows. For example, lets say the data you're interested in viewing are countries and cities. Since there are many cities for each country, you may want to see each country only once, followed by all cities for that country. In this case you would create a group header for the country data, then a detail area below for the city data. A report can have multiple group headers for varying levels of data.

**OK** **Cancel**



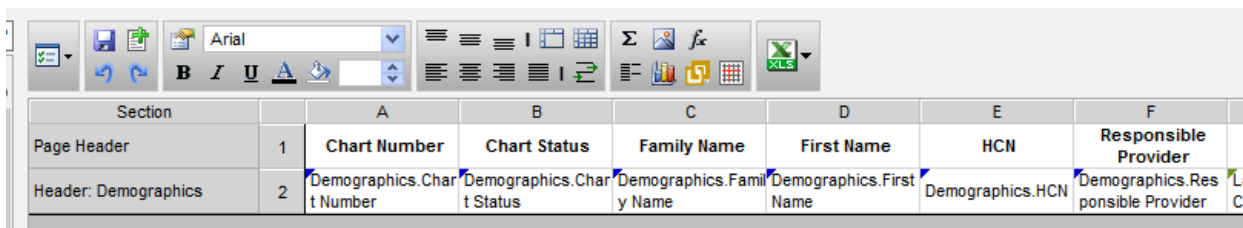
# Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

Drag the categories in the Details row to the Header Demographics.



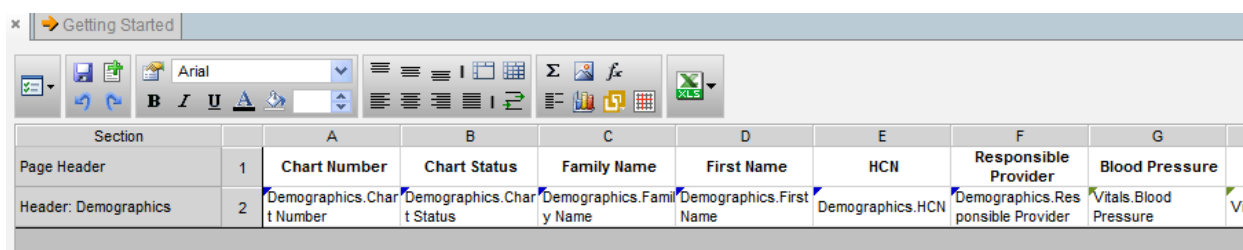
Section		A	B	C	D	E	F
Page Header	1	Chart Number	Chart Status	Family Name	First Name	HCN	Responsible Provider
Header: Demographics	2						
Detail	3	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN	Demographics.Responsible Provider

Click on Detail again and select Delete Selection



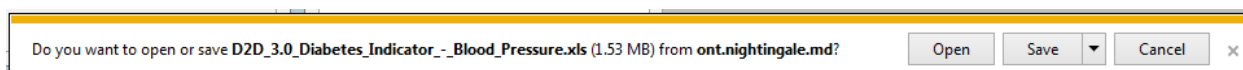
Section		A	B	C	D	E	F
Page Header	1	Chart Number	Chart Status	Family Name	First Name	HCN	Responsible Provider
Header: Demographics	2	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN	Demographics.Responsible Provider

Click the Save icon  to save the report. When complete click the Excel icon  to run the report.



Section		A	B	C	D	E	F	G
Page Header	1	Chart Number	Chart Status	Family Name	First Name	HCN	Responsible Provider	Blood Pressure
Header: Demographics	2	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN	Demographics.Responsible Provider	Vitals.Blood Pressure

The Report filters that were set to “Prompt for Value” will pop up. Update date range appropriately and click OK



Do you want to open or save D2D\_3.0\_Diabetes\_Indicator\_-\_Blood\_Pressure.xls (1.53 MB) from ont.nightingale.md?

Open Save Cancel

Report in Microsoft Excel:

- Verify the Setup Information is accurate.
- Delete the Setup information if not needed (or move to another sheet for reference)
- The Blood Pressure vital is a single field when extracting via Data Miner, therefore in Excel you will have to manually separate the Systolic and Diastolic values. Then sort based on Diastolic and remove any entries greater than 90.
  - Process to Manually Separate Systolic and Diastolic Values in Excel:
    - Insert two column to right of Blood Pressure
    - Copy Blood Pressure column into the column beside it
    - Highlight NEW Blood Pressure Column
    - Click Data tab and select Text to Columns
    - Select Delimited and click Next

## Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

---

- Under Delimiters select Other, enter “/” in the box and click Finish
  - Select ALL Data, under Home Tab click Sort & Filter and then Custom Sort
  - Ensure “My Data has headers” is checked
  - Select the column with no name (the column with the Diastolic value) and change the order to Largest to Smallest
  - Delete all Diastolic entries larger than 90 (keep all 90 and under)
  - Delete the new Blood Pressure column and new Diastolic Column from the sheet
  - This is now a list of patients meeting the criteria of Blood Pressure <150/90
- Use v-lookup to compare this list to your Diabetes registry and remove any patients that are not diabetic.