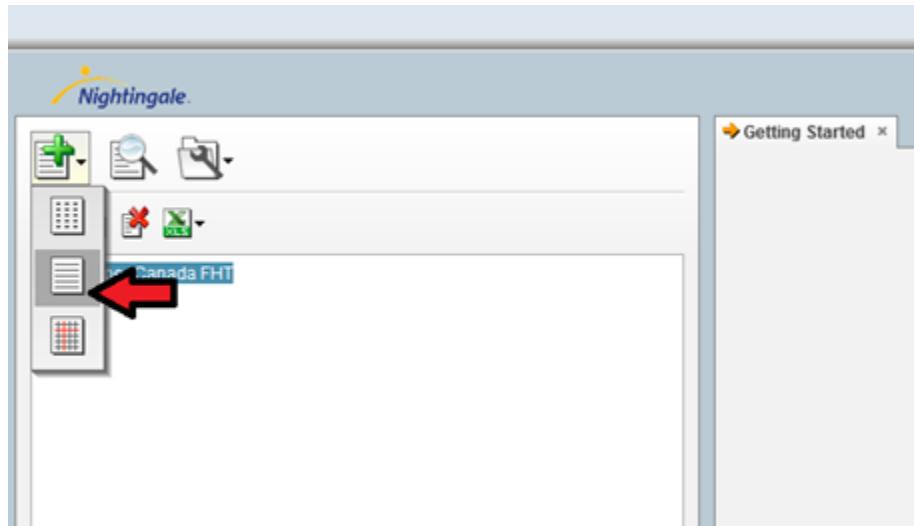


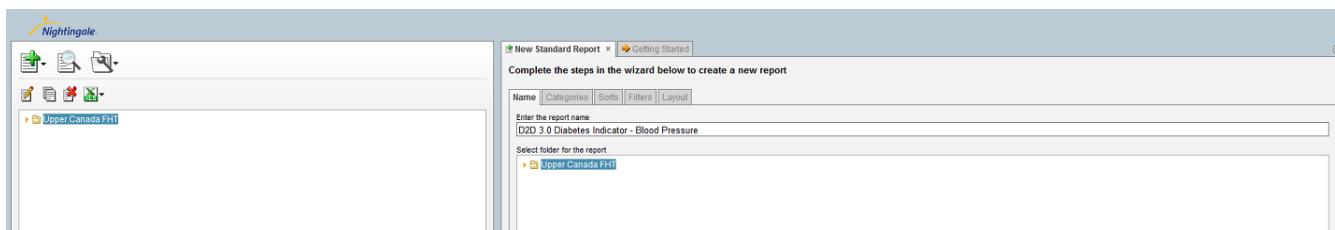
Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

AFHTO D2D Diabetes Care Blood Pressure Numerator v1

In Data Miner Module create new Standard Report



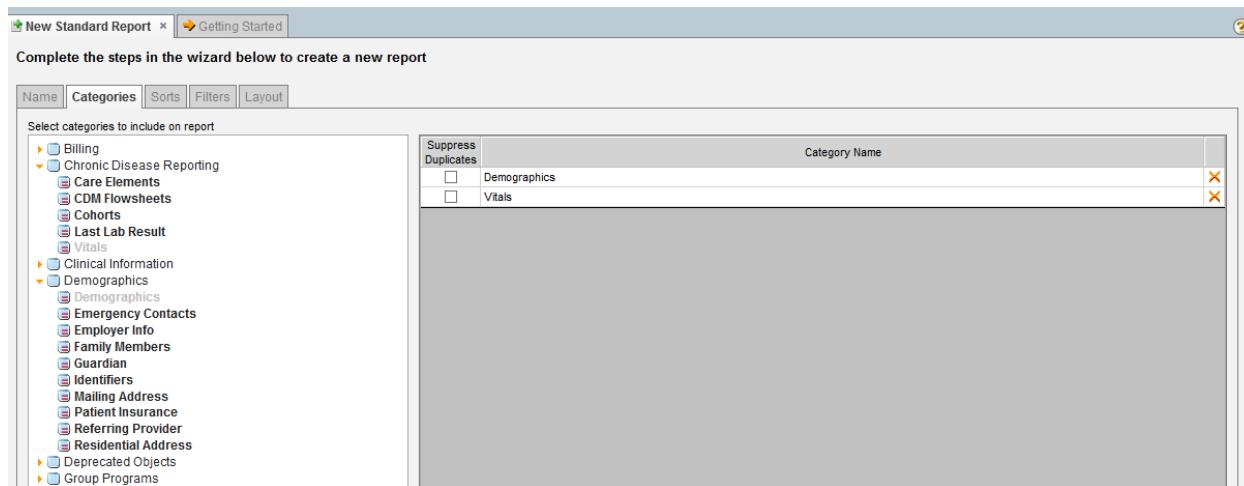
Name your report and file it in required folder and then click Next:



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

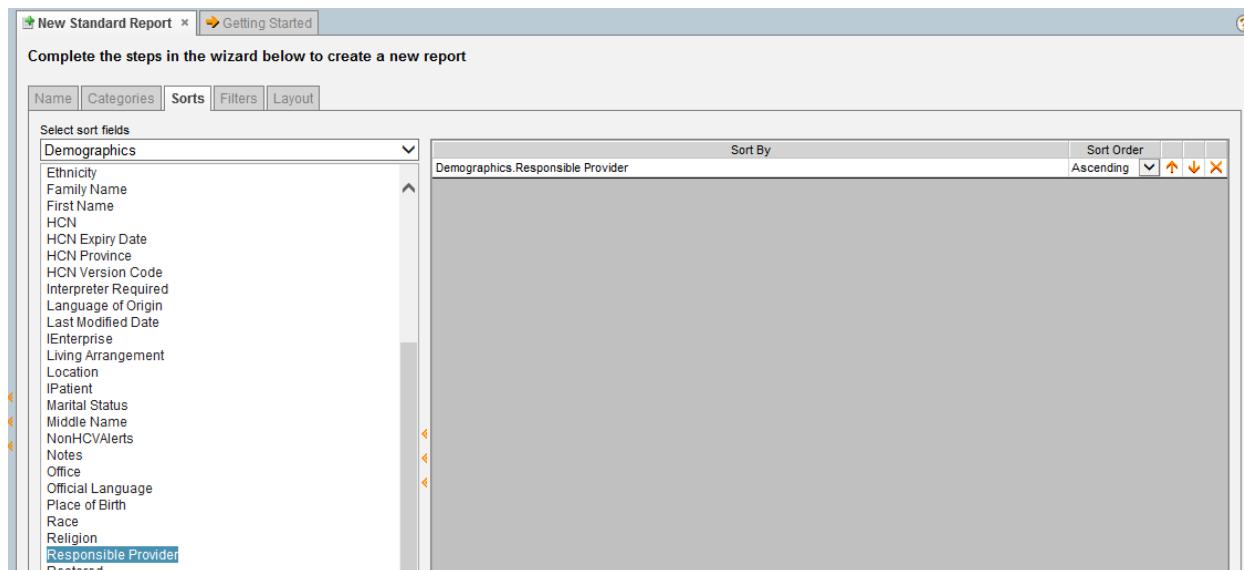
- Demographics → Demographics
- Chronic Disease Reporting → Vitals

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.



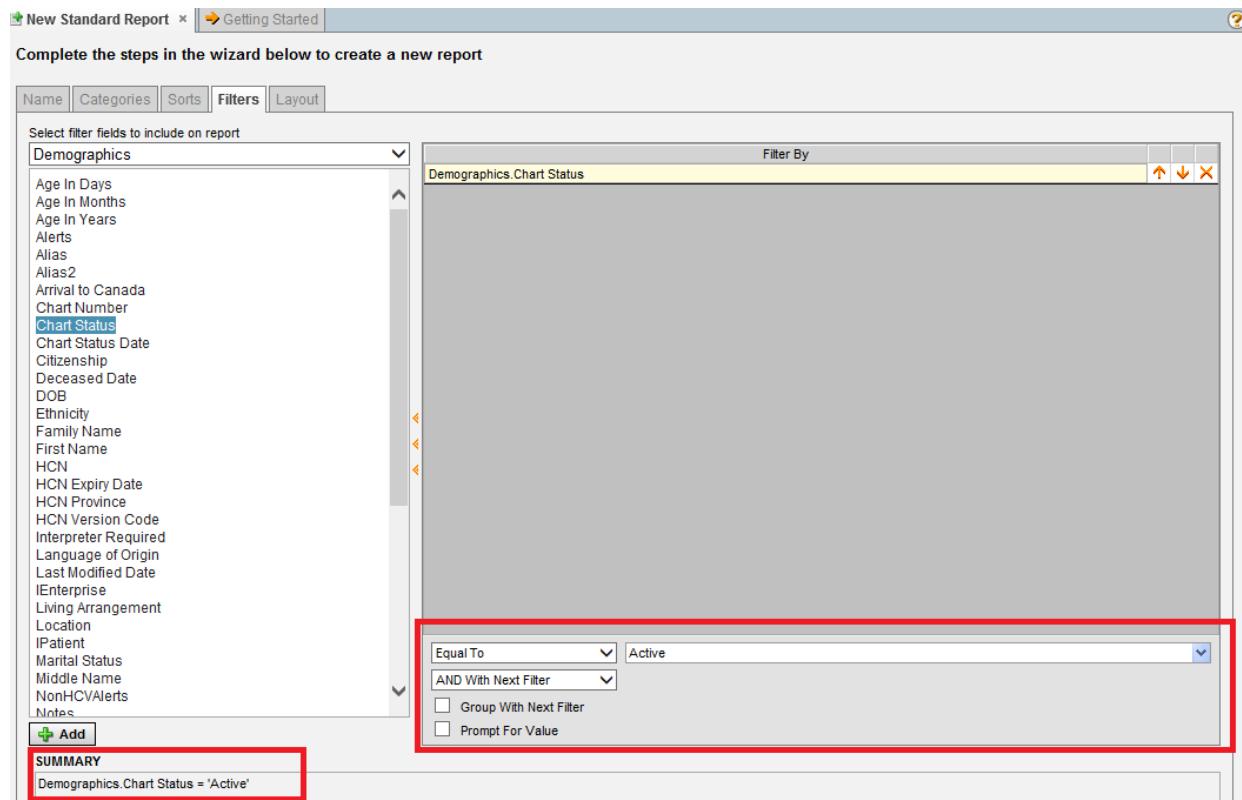
Filters:

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



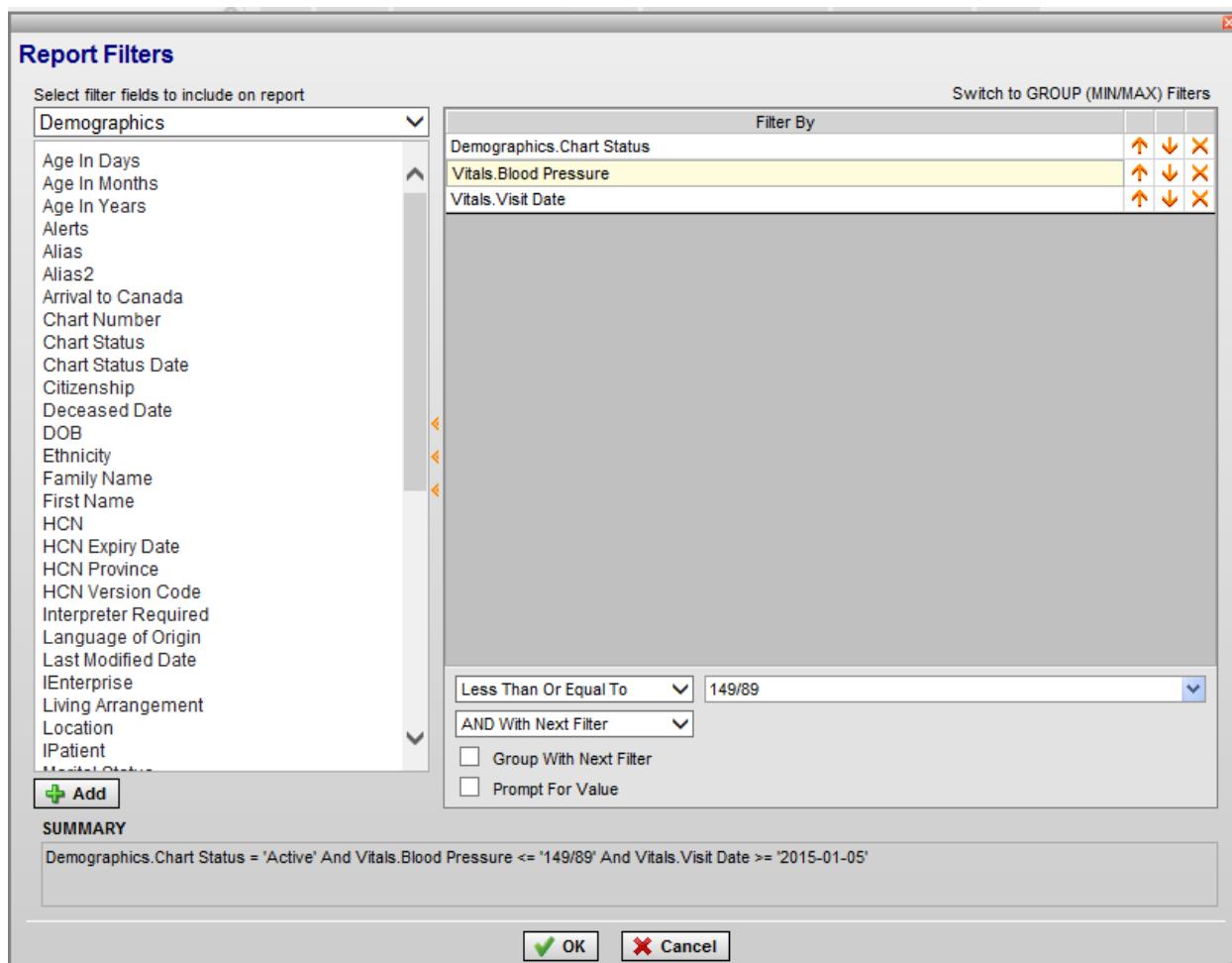
The screenshot shows the 'New Standard Report' wizard with the 'Filters' tab selected. On the left, a list of filter fields is shown under 'Demographics'. On the right, a 'Filter By' grid contains a single row for 'Demographics.Chart Status'. The 'Equal To' dropdown in the filter settings is set to 'Active'. A red box highlights this section.

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



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

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
Vitals.Blood Pressure
Vitals.Visit Date

Filter By

Greater Than Or Equal To 2015-01-05
AND With Next Filter
 Group With Next Filter
 Prompt For Value

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

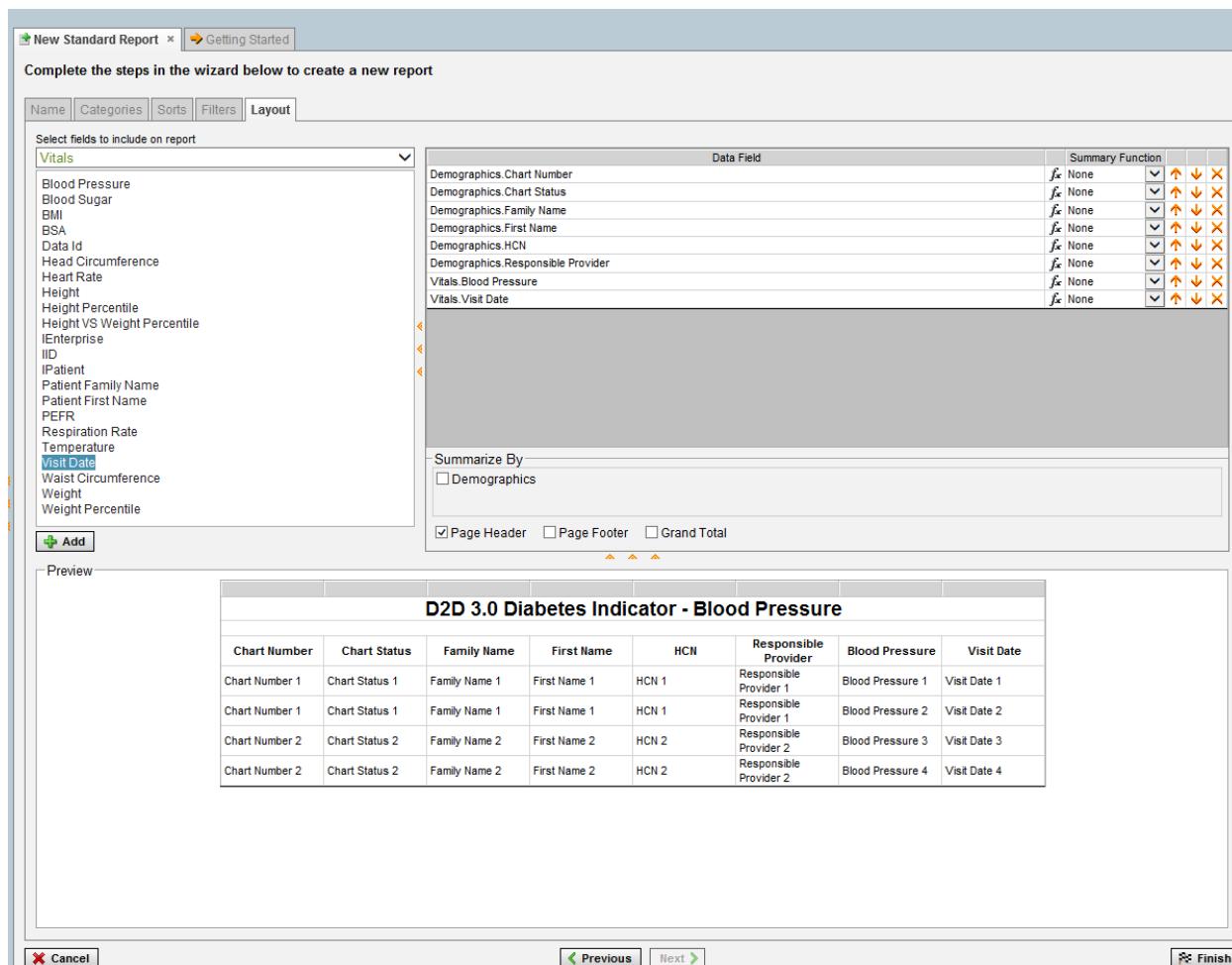
Cancel Previous Next Finish

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



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
ID
IPatient
Patient Family Name
Patient First Name
PEFR
Respiration Rate
Temperature
Visit Date
Waist Circumference
Weight
Weight Percentile

+ Add

Preview

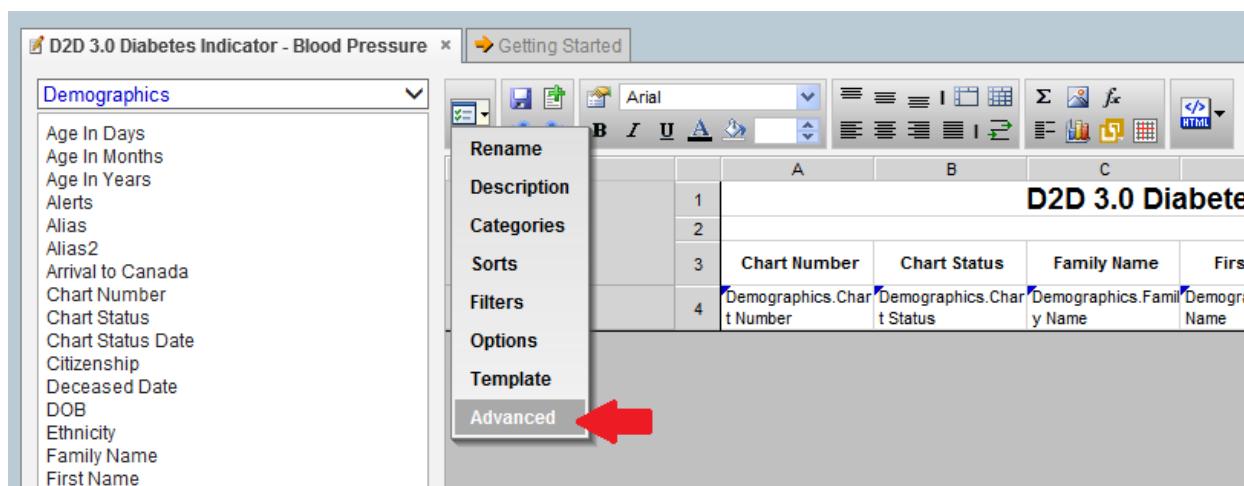
D2D 3.0 Diabetes Indicator - Blood Pressure

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

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

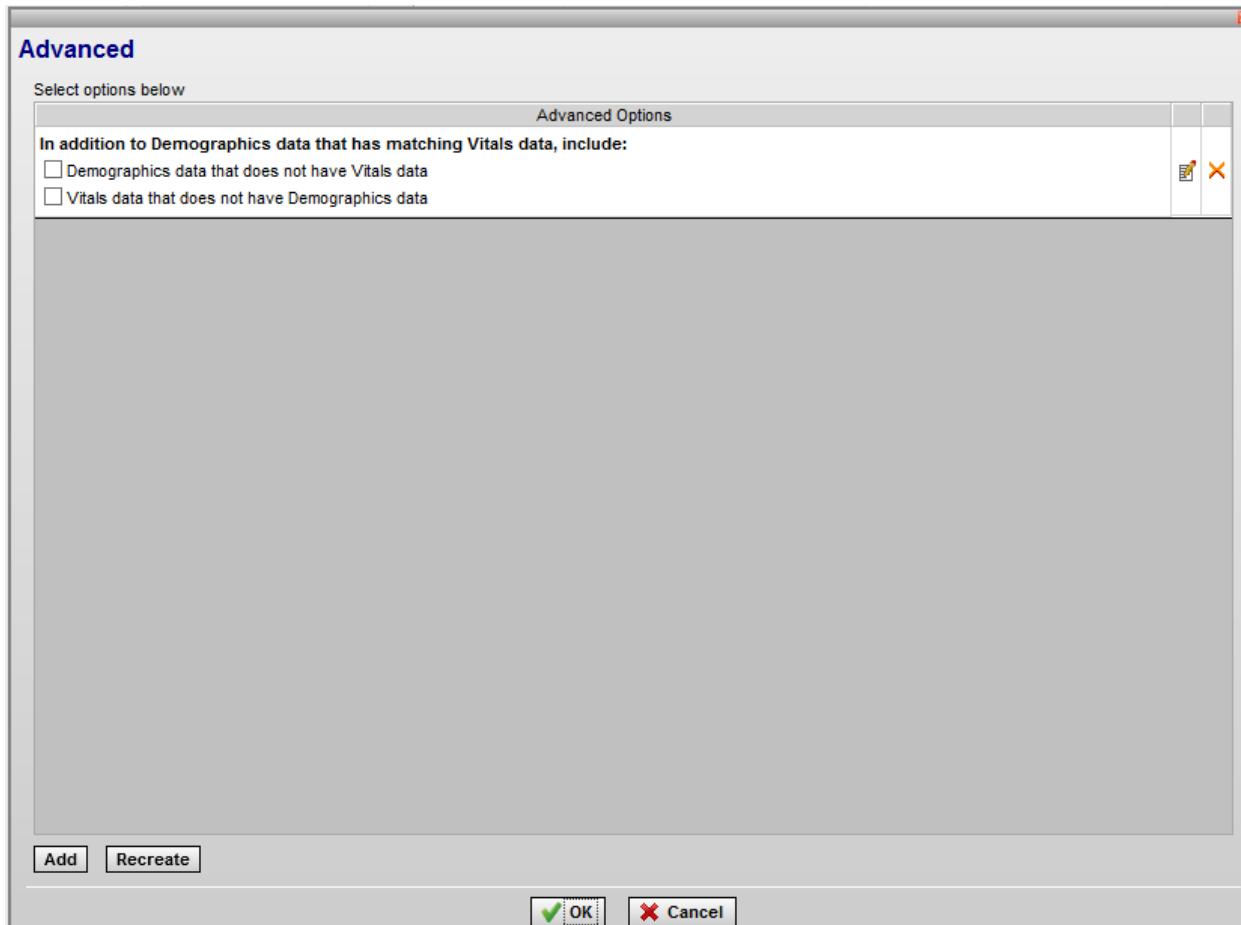
Rename
Description
Categories
Sorts
Filters
Options
Template
Advanced

D2D 3.0 Diabetes

1	A	B	C
2	Chart Number	Chart Status	Family Name
3	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name
4	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family 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.

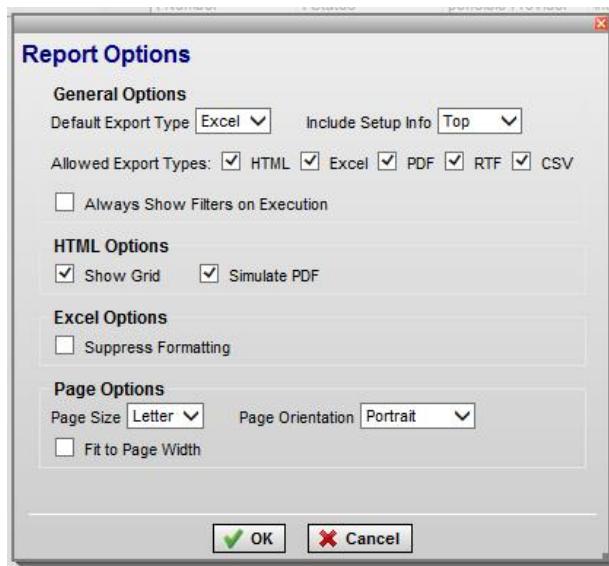


Click the Drop down on the Report options icon and select Options

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



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.

A screenshot of a report design interface. The top part shows a toolbar with various icons for font, alignment, and data manipulation. Below is a table structure with columns A through F. Row 1 is labeled 'Page Header' and Row 2 is labeled 'Detail'. The 'Detail' row contains several data fields: 'Demographics.Chart Number', 'Demographics.Chart Status', 'Demographics.Family Name', 'Demographics.First Name', 'Demographics.HCN', and 'Demographics.Provider'. The bottom part shows a 'Group Header' dialog box with the following content:

Group Header

Show this group for each change of the following:

Demographics

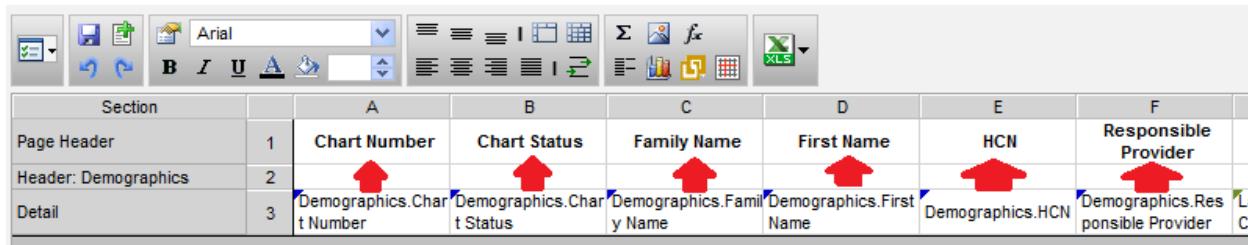
The list above contains the sort fields defined for the report, and the data categories they belong to.

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

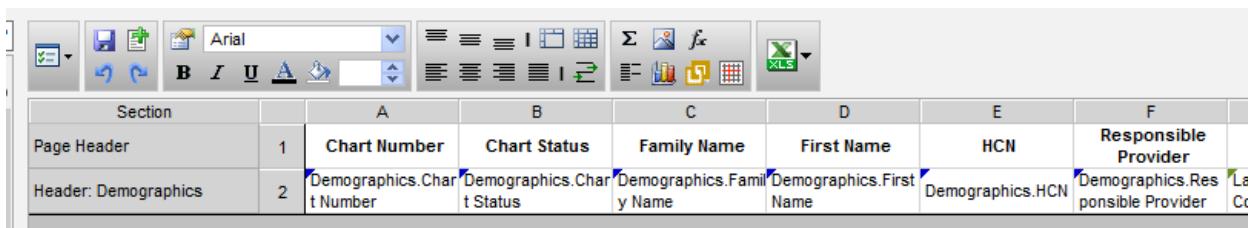
Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand Blood Pressure

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



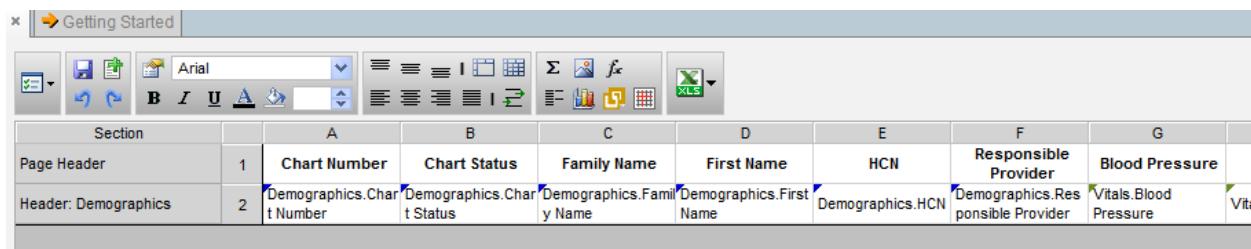
Section	A	B	C	D	E	F
Page Header	1	Chart Number	Chart Status	Family Name	First Name	HCN
Header: Demographics	2	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN
Detail	3	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family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

Click on Detail again and select Delete Selection



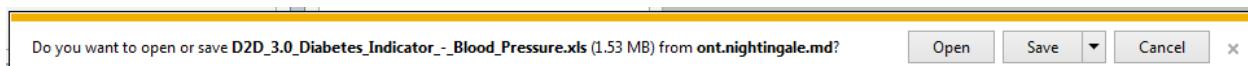
Section	A	B	C	D	E	F
Page Header	1	Chart Number	Chart Status	Family Name	First Name	HCN
Header: Demographics	2	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN

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
Header: Demographics	2	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN	Demographics.Responsible Provider

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



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.