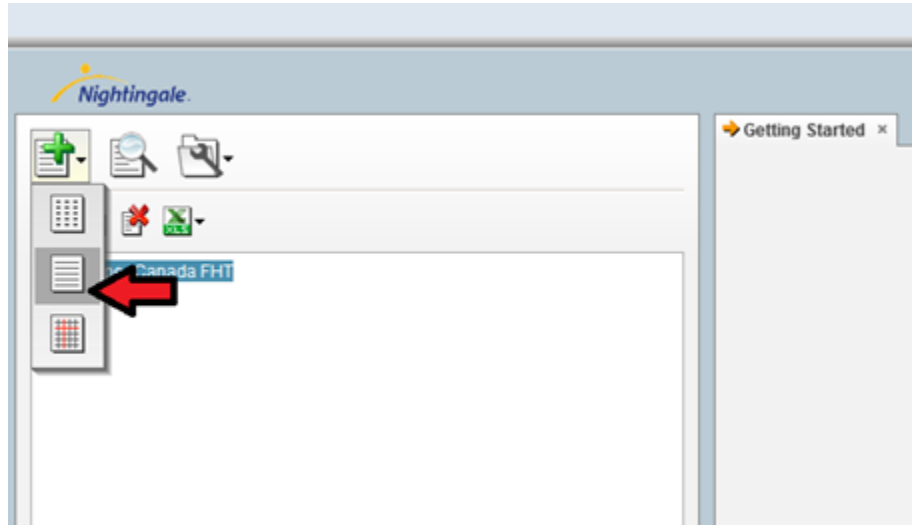


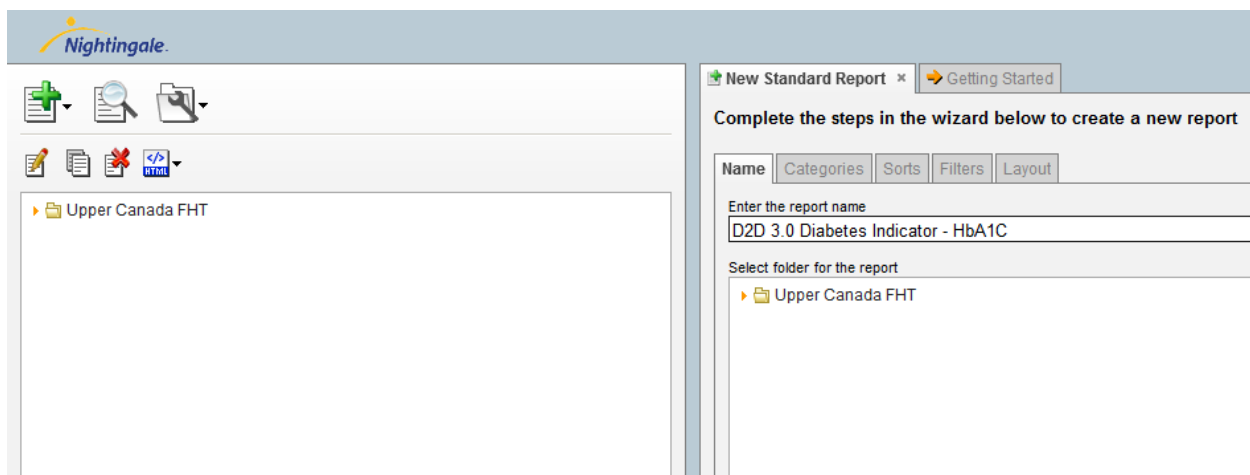
Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand HbA1c

AFHTO D2D Diabetes Care HbA1C Testing & Level 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
- Clinical Information → Lab Results

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The screenshot shows the 'New Standard Report' wizard in the 'Categories' step. The title bar includes 'New Standard Report' and 'Getting Started'. Below the title bar, a message says 'Complete the steps in the wizard below to create a new report'. There are four tabs: 'Name', 'Categories', 'Sorts', and 'Layout'. The 'Categories' tab is active. On the left, a tree view titled 'Select categories to include on report' lists various categories. The 'Demographics' category is expanded, showing sub-items: 'Demographics', 'Emergency Contacts', 'Employer Info', and 'Family Members'. On the right, a table titled 'Suppress Duplicates' has two columns: 'Category Name' and 'Suppress'. The table contains two rows: 'Demographics' and 'Lab Results', both with the 'Suppress' checkbox unchecked.

Suppress	Category Name
<input type="checkbox"/>	Demographics
<input type="checkbox"/>	Lab Results

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.

The screenshot shows the 'New Standard Report' wizard in the 'Sorts' step. The title bar includes 'New Standard Report' and 'Getting Started'. Below the title bar, a message says 'Complete the steps in the wizard below to create a new report'. There are four tabs: 'Name', 'Categories', 'Sorts', and 'Layout'. The 'Sorts' tab is active. On the left, a list titled 'Select sort fields' shows various fields. The 'Demographics' category is selected, and the 'Responsible Provider' field is highlighted. On the right, a table titled 'Sort By' has two columns: 'Sort By' and 'Sort Order'. The table contains one row: 'Demographics.Responsible Provider' with the 'Sort Order' set to 'Ascending'.

Sort By	Sort Order
Demographics.Responsible Provider	Ascending

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Filters:

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

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 fields is shown under 'Select filter fields to include on report'. 'Demographics' is selected, and 'Chart Status' is highlighted. On the right, the 'Filter By' area shows 'Demographics.Chart Status' added. Below this, a red box highlights the filter configuration: the first dropdown is set to 'Equal To', and the second dropdown is set to 'Active'. Below these, there are checkboxes for 'AND With Next Filter', 'Group With Next Filter', and 'Prompt For Value'. At the bottom left, a red box highlights the 'SUMMARY' section, which displays 'Demographics.Chart Status = 'Active''.

Filter 2: Select Lab Results from the drop down and then either double click or drag and drop Lab Collected Date into the “Filter by” area.

In the filter details below:

- Change the first drop down to “Greater than or equal to”
- Then type click the calendar and select the year and then date for “in the past 12 months”
- Enter a check in “Group with next filter” and “Prompt for Value”

Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand HbA1c

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

Lab Results

Abnormal
Accession Number
Copied To
Date Filled
Date Signed Off
Lab Collected Date
Lab Flag
Lab Ordered Date
Lab Result
Lab Test Code
Lab Test Comments
Laboratory Name
IEnterprise
IID
IPatient
ITest
Measurement Unit
Ordered By
Patient Family Name
Patient First Name
Provider Comments
Report Record Status
Report Status
Result Record Status
Result Reference
Result Status
Signed Off
Test Name

Filter By

Demographics.Chart Status
Lab Results.Lab Collected Date

Greater Than Or Equal To 2014-12-15

AND With Next Filter

☒ Group With Next Filter
☒ Prompt For Value

SUMMARY
Demographics.Chart Status = 'Active' And (Lab Results.Lab Collected Date >= '2014-12-15')

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 Lab Results from the drop down and then either double click or drag and drop Test Name into the “Filter by” area.

In the filter details below:

- Change the first drop down to “Contains” and type “a1C”
- Enter a check in “Group with next filter”

Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand HbA1c

The screenshot shows the 'New Standard Report' wizard in Nightingale On Demand, specifically the 'Filters' step. The interface is divided into several sections:

- Navigation:** Tabs for Name, Categories, Sorts, Filters (active), and Layout.
- Instructions:** 'Complete the steps in the wizard below to create a new report'.
- Field Selection:** A list of fields under 'Lab Results' is shown on the left. 'Test Name' is highlighted at the bottom.
- Filter By Area:** A table on the right lists selected filters: 'Demographics.Chart Status', 'Lab Results.Lab Collected Date', and 'Lab Results.Test Name'. Each filter has up/down arrows and a delete 'X' icon.
- Filter Details:** A red box highlights the configuration for the selected filter. It shows a dropdown set to 'Contains' with the value 'a1c' entered. Below this, there are options for 'AND With Next Filter' (set to 'AND'), 'Group With Next Filter' (checked), and 'Prompt For Value' (unchecked).
- Summary:** A red box highlights the summary text at the bottom: 'Demographics.Chart Status = 'Active' And (Lab Results.Lab Collected Date >= '2014-12-15' And Lab Results.Test Name Contains 'a1c')'.

Filter 4: Select Lab Results from the drop down and then either double click or drag and drop Report Status into the “Filter by” area.

In the filter details below:

- Change the first drop down to “Equal to” and type “F”

Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand HbA1c

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

Lab Results

Abnormal
Accession Number
Copied To
Date Filed
Date Signed Off
Lab Collected Date
Lab Flag
Lab Ordered Date
Lab Result
Lab Test Code
Lab Test Comments
Laboratory Name
IEnterprise
IID
IPatient
ITest
Measurement Unit
Ordered By
Patient Family Name
Patient First Name
Provider Comments
Report Record Status
Report Status
Result Record Status
Result Reference
Result Status
Signed Off
Test Name

Filter By

Demographics.Chart Status				
Lab Results.Lab Collected Date				
Lab Results.Test Name				
Lab Results.Report Status				

Equal To F

AND With Next Filter

☐ Group With Next Filter

☐ Prompt For Value

SUMMARY

Demographics.Chart Status = 'Active' And (Lab Results.Lab Collected Date >= '2014-12-15' And Lab Results.Test Name Contains 'a1c' And Lab Results.Report Status = 'F')

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
- Lab Reports
 - Lab Collected Date
 - Test Name
 - Lab Result
 - Report Status

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 HbA1c

Name Categories Sorts Filters Layout

Select fields to include on report

Lab Results

Laboratory Name
Enterprise
IID
IPatient
ITest
Measurement Unit
Ordered By
Patient Family Name
Patient First Name
Provider Comments
Report Record Status
Report Status
Result Record Status
Result Reference
Result Status
Signed Off
Test Name

Demographics.Chart Number
Demographics.Chart Status
Demographics.Family Name
Demographics.First Name
Demographics.HCN
Demographics.Responsible Provider
Lab Results.Lab Collected Date
Lab Results.Test Name
Lab Results.Lab Result
Lab Results.Report Status

Summary Function
fx None
fx None
fx None
fx None
fx None
fx None
fx None
fx None
fx None
fx None

Summarize By
☐ Demographics

☒ Page Header ☐ Page Footer ☐ Grand Total

Preview

D2D 3.0 Diabetes Indicator - HbA1C (Lab Reports)

Chart Number	Chart Status	Family Name	First Name	HCN	Responsible Provider	Lab Collected Date	Test Name	Lab Result	Report Status
Chart Number 1	Chart Status 1	Family Name 1	First Name 1	HCN 1	Responsible Provider 1	Lab Collected Date 1	Test Name 1	Lab Result 1	Report Status 1
Chart Number 1	Chart Status 1	Family Name 1	First Name 1	HCN 1	Responsible Provider 1	Lab Collected Date 2	Test Name 2	Lab Result 2	Report Status 2
Chart Number 2	Chart Status 2	Family Name 2	First Name 2	HCN 2	Responsible Provider 2	Lab Collected Date 3	Test Name 3	Lab Result 3	Report Status 3
Chart Number 2	Chart Status 2	Family Name 2	First Name 2	HCN 2	Responsible Provider 2	Lab Collected Date 4	Test Name 4	Lab Result 4	Report Status 4

Additional Settings and Functions:

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

D2D 3.0 Diabetes Indicator - HbA1C (Lab Reports) 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
HCN
HCN Expiry Date

Rename
Description
Categories
Sorts
Filters
Options
Template
Advanced

Arial

B I U A

1 2 3 4

Chart Number Chart Status Family Name Fir

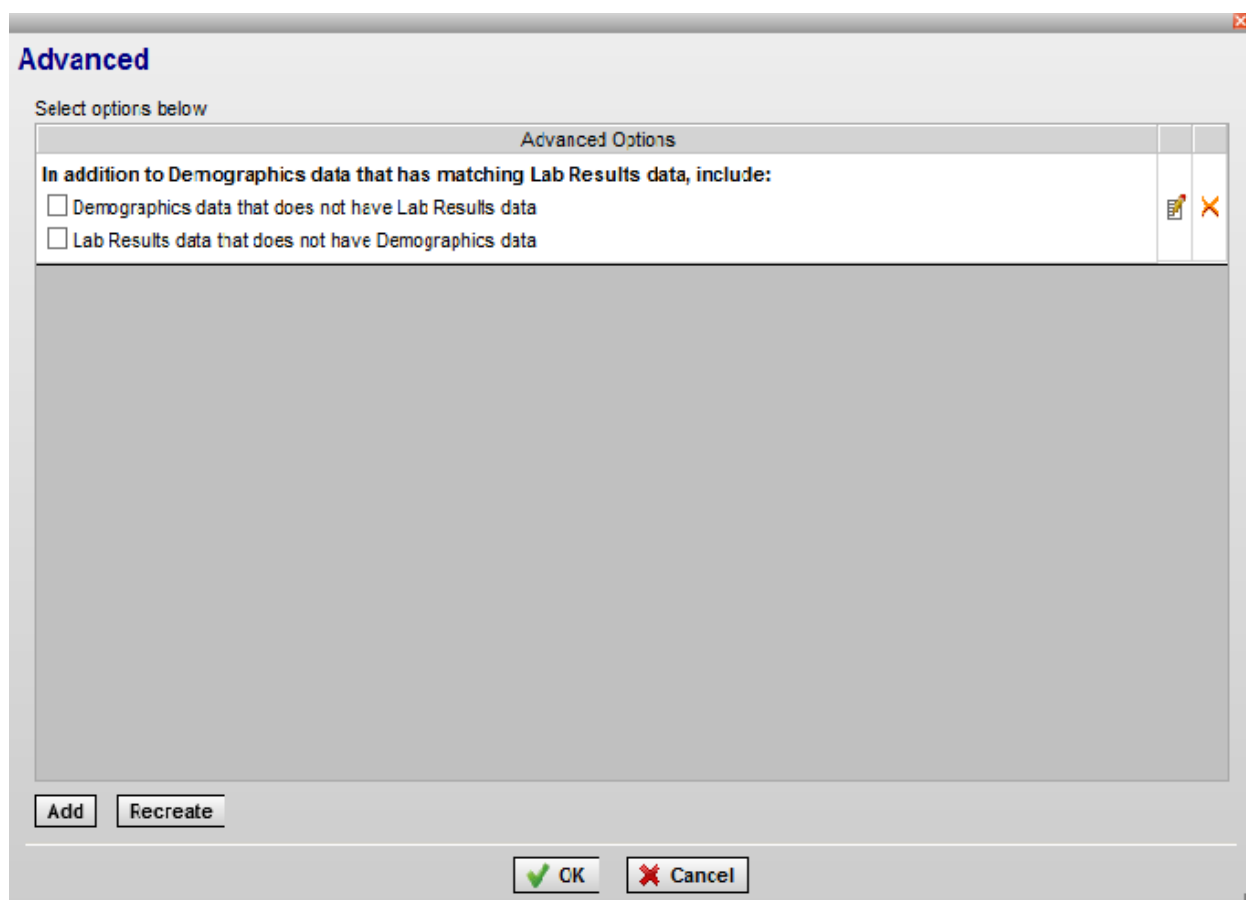
Demographics.Char Demographics.Char Demographics.Famil Demogi

t Number t Status y Name Name


D2D 3.0

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

Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand HbA1c



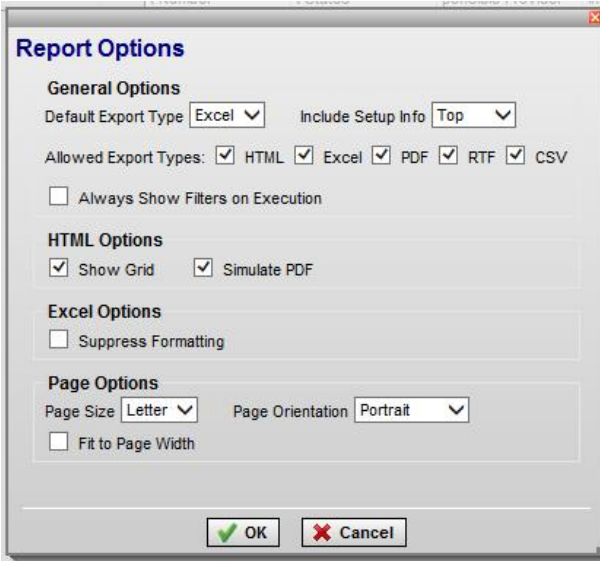
The image shows a software window titled "Advanced" with a close button in the top right corner. Below the title bar, the text "Select options below" is displayed. A section titled "Advanced Options" contains the instruction "In addition to Demographics data that has matching Lab Results data, include:". Below this instruction are two unchecked checkboxes: "Demographics data that does not have Lab Results data" and "Lab Results data that does not have Demographics data". To the right of these checkboxes are two small icons: a document with a pencil and a red 'X'. At the bottom of the window, there are two buttons labeled "Add" and "Recreate". At the very bottom, there are two buttons labeled "OK" (with a green checkmark icon) and "Cancel" (with a red 'X' icon).

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 HbA1c



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

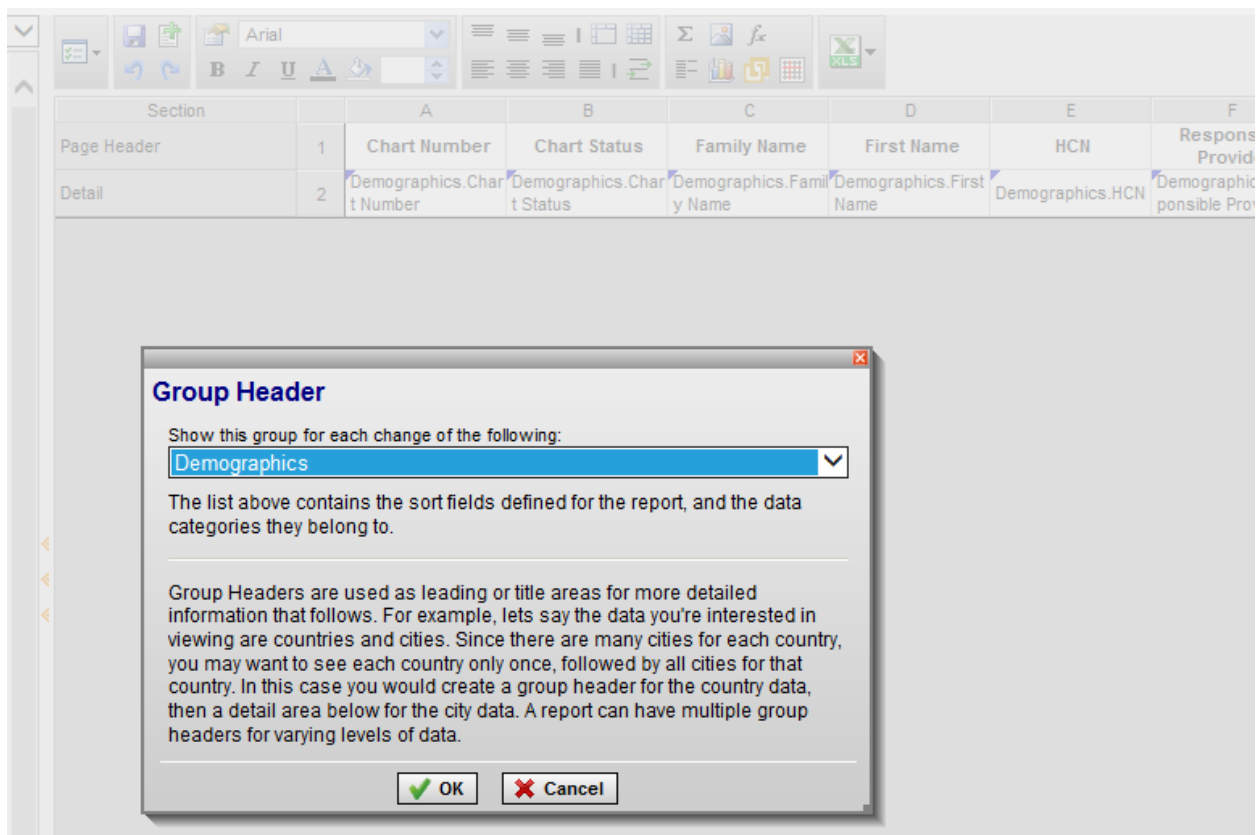
OK Cancel

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

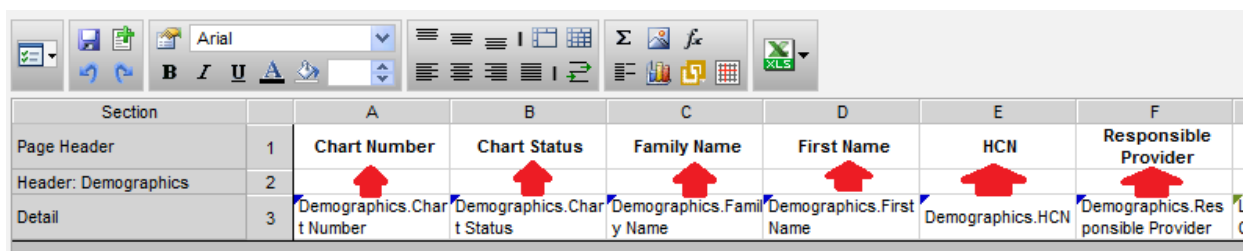
The list above contains the sort fields defined for the report, and the data categories they belong to.

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

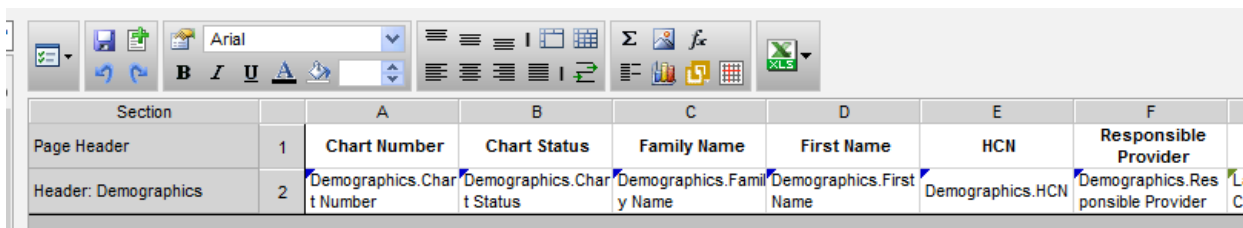
Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand HbA1c

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



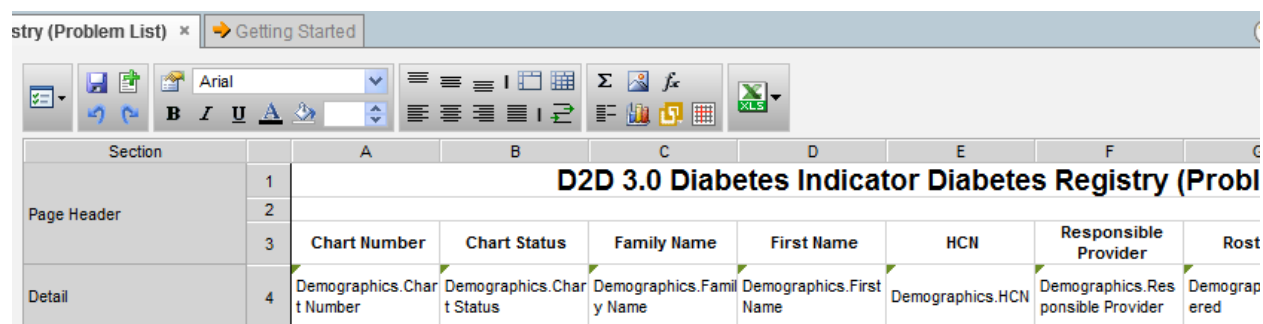
Section		A	B	C	D	E	F
Page Header	1	Chart Number	Chart Status	Family Name	First Name	HCN	Responsible Provider
Header: Demographics	2						
Detail	3	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN	Demographics.Responsible Provider

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	D2D 3.0 Diabetes Indicator Diabetes Registry (Problem List)						
Page Header	2							
Page Header	3	Chart Number	Chart Status	Family Name	First Name	HCN	Responsible Provider	Responsible Provider
Detail	4	Demographics.Chart Number	Demographics.Chart Status	Demographics.Family Name	Demographics.First Name	Demographics.HCN	Demographics.Responsible Provider	Demographics.Responsible Provider

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_-_HbA1C_Lab_Report....xls (2.09 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).
- Use v-lookup to compare this list to your Diabetes registry and remove any patients that are not diabetic.
- Add new sheet into workbook, copy all data to new sheet (rename this sheet to reflect date sort)
 - Sort HbA1C data by Lab Collected Date (oldest to newest)
 - Remove all entries greater than “within the past 6 months”
 - Delete any entries with no lab values (glitch with Data Miner??)

Upper Canada FHT – D2D Diabetes Indicator in Nightingale On Demand HbA1c

This is now your number of diabetic patients with a HbA1C lab result within past 6 months.

- Rename first sheet to reflect lab value sort
 - On this sheet, sort by Lab Result (largest to smallest) and delete all entries over 8.5
 - Due to change in HbA1C result reporting from a decimal to a number you will need to scroll through the list until you find where the values change from an number to a decimal and remove all values greater than 0.086.
 - Delete any entries with no lab values (glitch with Data Miner??)
 - This is now your number of diabetic patients with a most recent HbA1C of ≤ 8.5 in the past 12 months