

Cento Office Hours – Working with Reports

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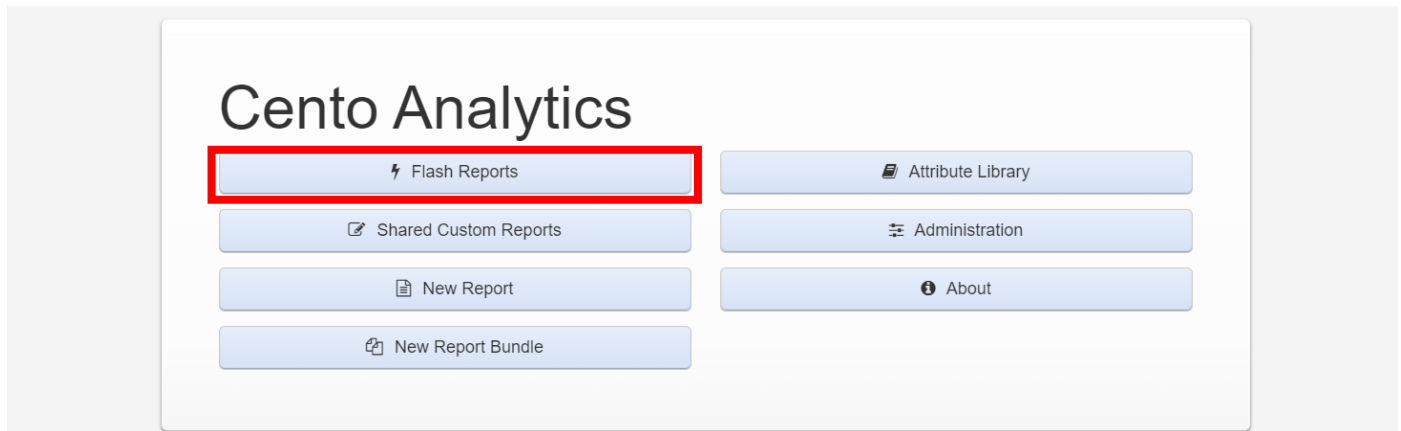
Click [here](#) to watch the recording of Cento Office Hours – Working with Reports.

How to Copy and Edit Existing Flash Reports

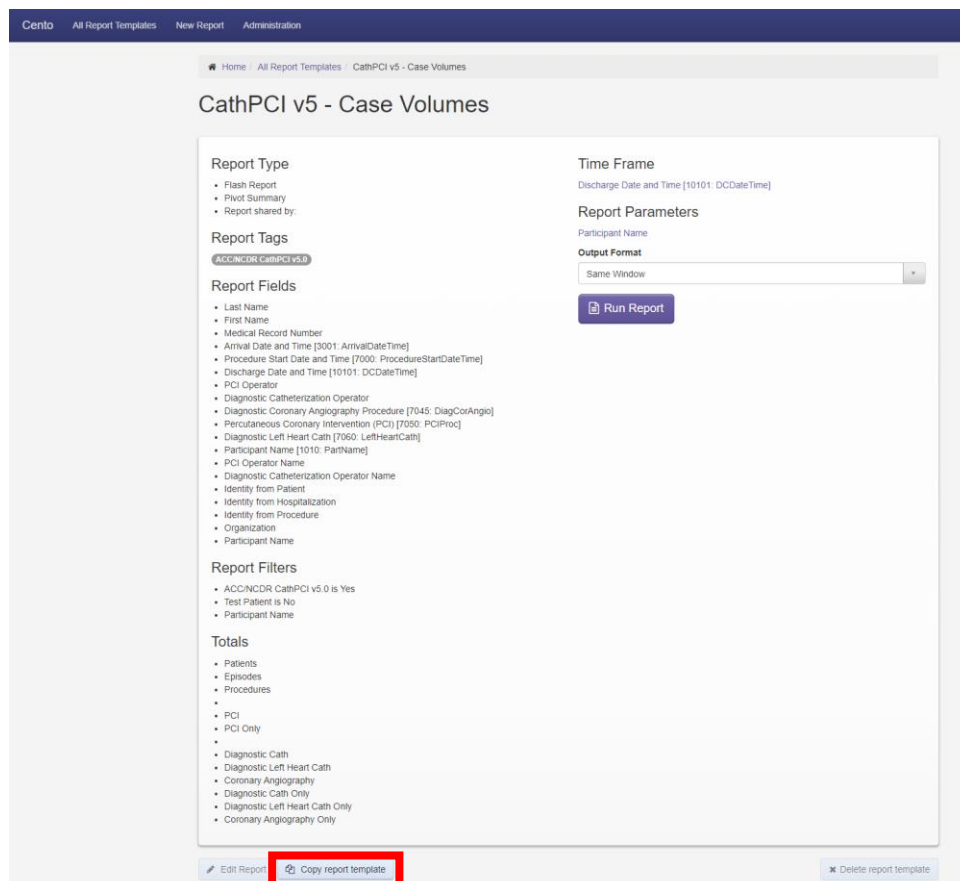
You can customize flash reports by copying and editing an existing flash report.

To customize a flash report:

Step 1) Select flash reports on your dashboard and find the report you would like to customize.



Step 2) After you have found your desired report, select the title of the report. Scroll to the bottom and select [Copy report template](#).



Step 4) Once you are on the [New Report](#) page, you will have multiple options to customize your report. The headers that are displayed will depend on what [Report Type](#) you select.

New Report

1 Report Type 2 Report Parameters 3 Report Fields 4 Filters 5 Time Frame 6 Grouping 7 Totals 8 Finish

Report Type

Simple
 Summary
 Pivot Summary
 Time Averaging
 Cross-Reference
 Classification

Name

CathPCI v5 - Case Volumes

Report Description

Report has execution parameters

Totals

Groups	ttt	uuu	vvv	www
Sum	1234	2345	3456	4567
Maximum	123	234	345	456
Mean	111	222	333	444
Count	11	12	13	14

» Next

How to Run a New Report

You can create a report by selecting New Report on your dashboard. This will bring you to the new report screen with multiple headers to choose from for customization. The [Report Type](#) header allows you to select what type of report you would like to create, with descriptions of what each report type means. You can also name the report and give the report a description.

Home / All Report Templates / New Report

New Report

1 Report Type 2 Report Fields 3 Filters 4 Time Frame 5 Finish

Report Type

Simple
 Summary
 Pivot Summary
 Time Averaging
 Cross-Reference
 Classification

Name

Report

Report Description

Report has execution parameters

Simple

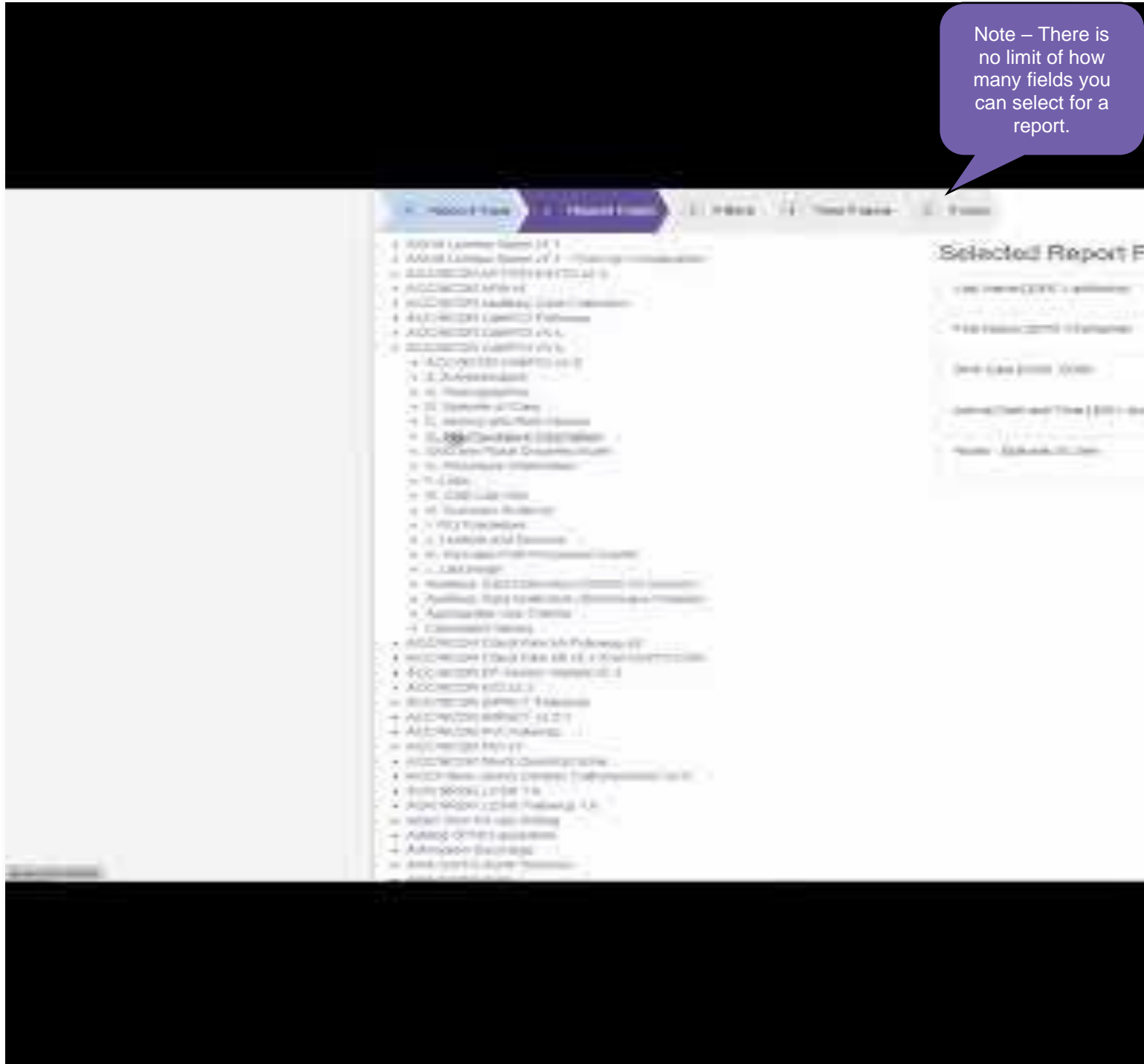
foo	bar	baz	cram	bop
ttt	ttttt	tttt	tt	tttttttt
uuu	uuuuuu	uuuuuu	uu	uuuuuuuuuuuu
vvv	vvvvv	vvvvv	vv	vvvvvvvvvv
www	wwwwww	wwww	ww	wwwwwwwwwwww
yyy	yyyyyy	yyyyy	yy	yyyyyyyyyyyy
zzz	zzzzzz	zzzzz	zz	zzzzzzzzzzzz

» Next

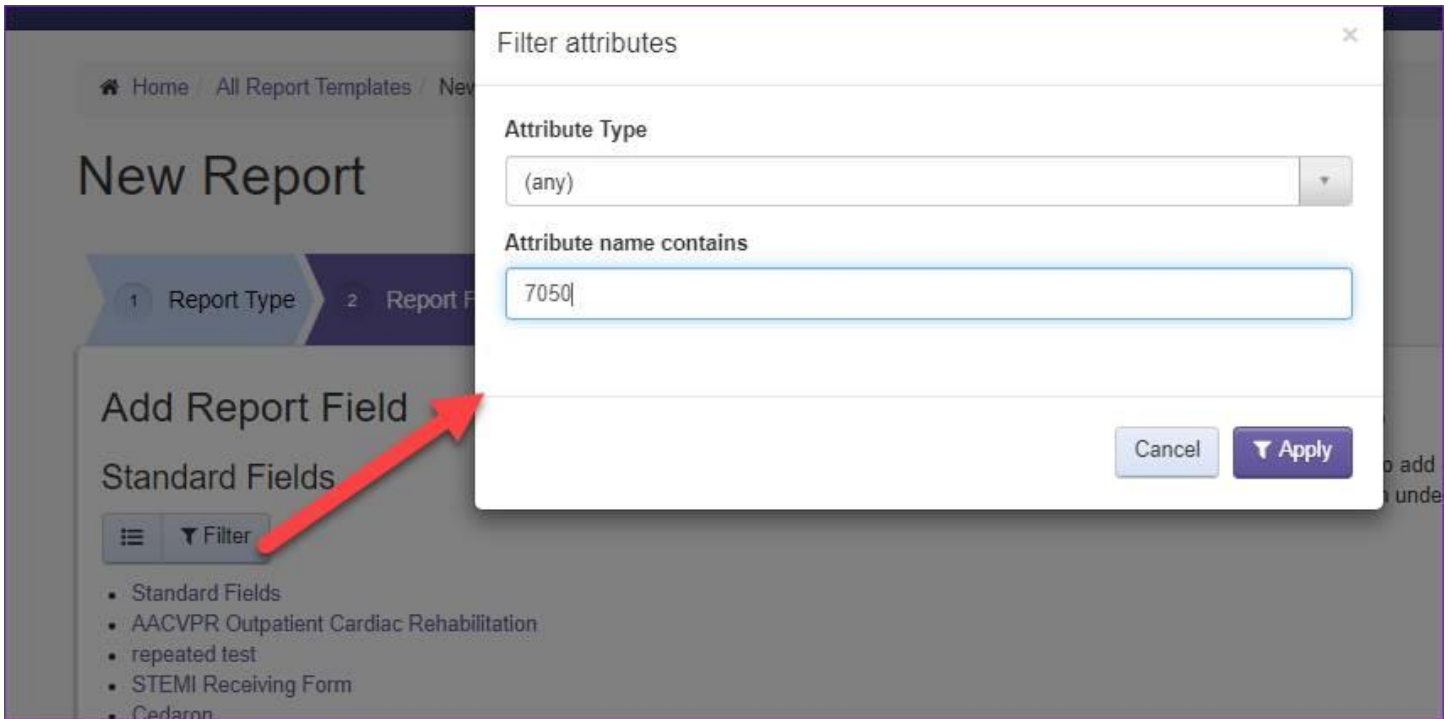
The **Report Fields** header allows you to choose what fields you would like in your report. You can search for fields by selecting one of the six data levels, searching through all registries, or selecting the filter to search for specific words or phrases. Hitting CTRL F will also bring up the search box, allowing you to search through field types easier. (**Note** - CTRL+F only works if you have the Registry opened to the section – and the questions are already visible on the screen).

To add a field, drag or click "Add" on a field under "Standard Fields" or choose an option under "Custom Fields". Press play on the video below to see an example of this. (Click the back arrow to return to the document).

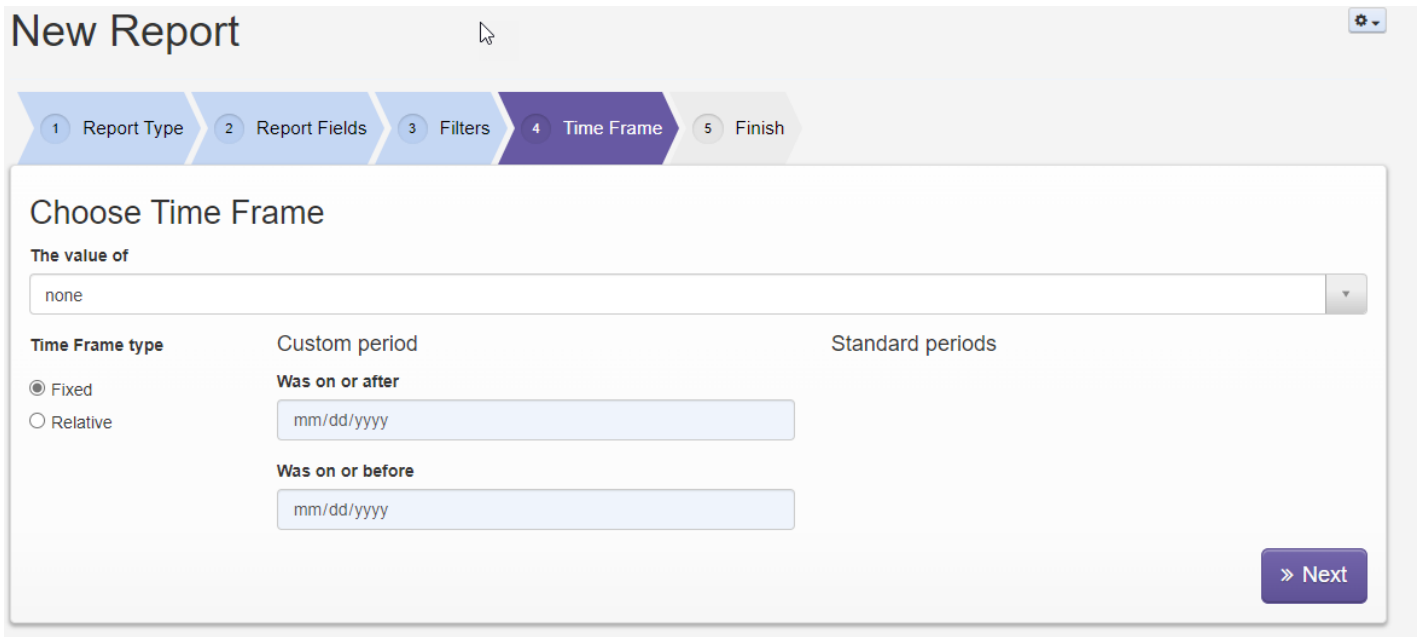
Note – There is no limit of how many fields you can select for a report.



Method to search is to use the Filter button – and search for the field number or name.



You can also add [Filters](#), and a [Time Frame](#) for your specific workflow.



Once you have your desired report, on the Finish header, you can choose to display a graph type if your report is set up for one, save your report, and choose what output format to display. Your [Report Summary](#) will also be displayed on the left so you can see what exactly is in your report.

Home / All Report Templates / New Report

New Report

1 Report Type 2 Report Fields 3 Filters 4 Time Frame 5 Finish

Report Summary

Type

Simple

Report Fields

- First Name [2010: FirstName]
- Last Name [2000: LastName]
- Notes - Episode of Care
- Birth Date [2050: DOB]
- Arrival Date and Time [3001: ArrivalDateTime]
- Discharge Provider

Filters

(none)

[Import template](#) [Export template](#)

Graphs

Graph Type

none

Save Template

Report Template Name

[Save Template](#)

Run Report

Output Format

[Run report](#)

Once you run your report, you will see all the report fields you selected in the order you put them in.

Home / All Report Templates / Run report

Ad Hoc: Test Test Test

Executed 10/26/2022 7:56 PM

Total Results: 2475

Drag a column header here to group by that column

Search...

First Name [2010: FirstName]	Last Name [2000: LastName]	Notes - Episode of Care	Birth Date [2050: DOB]	Arrival Date and Time [3001: ArrivalDateTime]	Discharge Provider
Karen	Karenschwiggler		1/1/1940 12:00 AM		
MICHAEL	JONES		8/15/1948 12:00 AM	2/5/2019 2:19 PM	
MICHAEL	JONES		8/15/1948 12:00 AM	2/22/2019 7:32 AM	
BILL	BROWN		8/5/1963 12:00 AM	2/5/2019 10:01 PM	
JENNIFER	DAVIS		3/1/1940 12:00 AM	2/25/2019 12:33 PM	
RICHARD	MILLER		7/6/1946 12:00 AM	1/10/2019 7:45 AM	
CHARLES	WILSON		5/11/1957 12:00 AM	3/5/2019 9:21 PM	
MARGARET	MOORE		8/22/1948 12:00 AM	2/20/2019 7:15 AM	
DOROTHY	TAYLOR		2/24/1962 12:00 AM	2/12/2019 8:15 AM	
CHRISTOPHER	ANDERSON		1/4/1942 12:00 AM	1/9/2019 10:40 AM	
DANIEL	THOMAS		1/4/1980 12:00 AM	2/10/2019 6:14 PM	
PAUL	JACKSON		10/3/1947 12:00 AM	2/11/2019 2:52 PM	
BETTY	WHITE		12/21/1946 12:00 AM	1/2/2019 3:21 PM	
DONALD	HARRIS		10/7/1950 12:00 AM	1/22/2019 1:52 AM	
GEORGE	MARTIN		10/28/1959 12:00 AM	2/13/2019 11:58 AM	
KENNETH	THOMPSON		7/11/1982 12:00 AM	2/25/2019 8:14 PM	
CAROL	GARCIA		3/13/1942 12:00 AM	1/19/2019 10:20 AM	
EDWARD	MARTINEZ		3/17/1971 12:00 AM	1/20/2019 1:55 PM	

You can filter through the report and search through the headers to find specific information/data. The example below shows the filter looking through surgeons.

Ad Hoc: Test Test Test Edit Report Save Template Download

Executed 10/26/2022 8:58 PM Total Results: 2678

Drag a column header here to group by that column Search...

First Name [2010: FirstName]	Last Name [2000: LastName]	Notes - Episode of Care	Birth Date [2050: DOB]	Arrival Date and Time [3001: ArrivalDateTime]	Discharge Provider	Surgeon [1955: Surgeon]
Frank	Cindy		9/10/1960 12:00 AM			
Redd	Robin		5/9/1956 12:00 AM			
Harry	Herpson		3/22/1956 12:00 AM			
TomsTestFirst	TomsTestLast		11/11/1980 12:00 AM			
Johnny	Rocket		9/30/1948 12:00 AM			
MrPCI	Patient		4/10/1980 12:00 AM			
Redd	Robin		5/9/1956 12:00 AM			
Redd	Robin		5/9/1956 12:00 AM			
Follow-up	Cath		1/1/2000 12:00 AM			
Feb25Test	Test		9/9/1999 12:00 AM			
double	double		11/20/2020 12:00 AM			
T	Test		11/19/2021 12:00 AM			
double	double		11/20/2020 12:00 AM			
CathPCItest1	CathPCItest1		7/9/1945 12:00 AM			
PATIENT	REMOVE		11/19/2021 12:00 AM			
alex	alpha		5/12/2001 12:00 AM			
Abby	Adams		8/6/1987 12:00 AM			

Select All
 Charles Xavier ()
 Daisy Duck (321)
 DANIEL BLAKE (193213...
OK Cancel

If Daisy Duck is selected, only patients under this surgeon will show. This can be done with all headers to find and sort information.

Ad Hoc: Test Test Test Edit Report Save Template Download

Executed 10/26/2022 8:58 PM Total Results: 2878

Drag a column header here to group by that column Search...

First Name [2010: FirstName]	Last Name [2000: LastName]	Notes - Episode of Care	Birth Date [2050: DOB]	Arrival Date and Time [3001: ArrivalDateTime]	Discharge Provider	Surgeon [1955: Surgeon]
Harry	Hall		7/10/1955 12:00 AM			Daisy Duck (321)
FLORENE	BRADWELL		4/9/1956 12:00 AM			Daisy Duck (321)
CARIDAD	AARON		1/1/1957 12:00 AM	5/30/2019 3:46 PM		Daisy Duck (321)
CARIDAD	AARON		1/1/1957 12:00 AM			Daisy Duck (321)
SOPHIE	ABBOTT		7/12/1951 12:00 AM	7/1/2020 2:16 PM		Daisy Duck (321)
SILAS	ACOSTA		9/25/1959 12:00 AM	12/12/2012 12:00 AM		Daisy Duck (321)
Test	Togetherness		1/1/2000 12:00 AM			Daisy Duck (321)
Demo	Test		10/2/1933 12:00 AM	9/4/2022 9:01 AM		Daisy Duck (321)

You may notice that your **Total Results** may display more patients than you are looking for. This is because some of the fields you may have used are common between many other registries (*See more details on the **Cento Office Hours - Working with Reports** recording -Timestamp 16:20*).

If you would like to **filter** a report and just receive data from one registry, one of the first filters you should add is the registry Yes field. The example below shows that the STS Adult Cardiac Surgery v4.20 will only display data from this registry when you run the report.

Home / All Report Templates / STS 4.20 - Risk Model Distribution / Run report

STS 4.20 - Risk Model Distribution

Executed 10/25/2022 5:19 PM

Report Filters

- STS Adult Cardiac Surgery v4.20 Is Yes

Total Results: 475

Patient Last Name [50: PatLName]	Patient First Name [55: PatFName]	Date of Birth [65: DOB]	Date of Surgery [310: SurgDt]	Surgeon [1955: Surgeon]	Risk Model Population (Procid)	Name from Procedure
AARON	CARIDAD	7/1/1956 12:00 AM	7/2/2020 12:29 PM	Pete Davis ()	Other	STS Adult Cardiac Surgery v4.20
DDDD	HHHH	10/1/1950 12:00 AM	8/1/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
Patient	#16	10/1/1951 12:00 AM	8/16/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
CCCC	CCCC	5/1/1910 12:00 AM	8/2/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
Patient	#17	11/1/1951 12:00 AM	8/17/2020 12:00 AM	Benjamin Pierce (1231231238)	Isolated CAB [Procid = 1]	STS Adult Cardiac Surgery v4.20
Patient	#25	7/1/1952 12:00 AM	8/25/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
Patient	#27	9/1/1952 12:00 AM	8/27/2020 12:00 AM	John McIntyre (1112223338)	Other	STS Adult Cardiac Surgery v4.20
Patient	#41	11/1/1953 12:00 AM	9/10/2020 12:00 AM	John McIntyre (1112223338)	Other	STS Adult Cardiac Surgery v4.20
MARTY	SMARTY	9/1/1997 12:00 AM	7/1/2020 12:00 AM	Diane doper (13526761)	Other	STS Adult Cardiac Surgery v4.20
Patient	#7	1/1/1951 12:00 AM	8/7/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
Patient	#36	6/1/1953 12:00 AM	9/5/2020 12:00 AM	John McIntyre (1112223338)	Other	STS Adult Cardiac Surgery v4.20
Patient	#38	8/1/1953 12:00 AM	9/7/2020 12:00 AM	John McIntyre (1112223338)	Other	STS Adult Cardiac Surgery v4.20
Patient	#33	3/1/1953 12:00 AM	9/2/2020 12:00 AM	John McIntyre (1112223338)	MV Repair [Procid = 7]	STS Adult Cardiac Surgery v4.20
Patient	#35	5/1/1953 12:00 AM	9/4/2020 12:00 AM	John McIntyre (1112223338)	Other	STS Adult Cardiac Surgery v4.20
Patient	#8	2/1/1951 12:00 AM	8/8/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
Patient	#6	12/1/1950 12:00 AM	8/6/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
Patient	#29	11/1/1952 12:00 AM	8/29/2020 12:00 AM	John McIntyre (1112223338)	MV Repair [Procid = 7]	STS Adult Cardiac Surgery v4.20
Patient	#20	2/1/1952 12:00 AM	8/20/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20
Patient	#30	12/1/1952 12:00 AM	8/30/2020 12:00 AM	John McIntyre (1112223338)	Other	STS Adult Cardiac Surgery v4.20
Patient	#9	3/1/1951 12:00 AM	8/9/2020 12:00 AM	Benjamin Pierce (1231231238)	Other	STS Adult Cardiac Surgery v4.20

The **Time Frame** allows you to select the time frame type, choose a custom period, and display the value of metrics based on the fields in your report (See more details on the **Centro Office Hours -Working with Reports recording - Timestamp 22:00**).

Home / All Report Templates / STS 4.20 - Risk Model Distribution

Edit Report

1 Report Type 2 Report Fields 3 Filters 4 Time Frame 5 Finish

Choose Time Frame

The value of
none

Time Frame type

Fixed
 Relative

Custom period

Was on or after
mm/dd/yyyy

Was on or before
mm/dd/yyyy

Standard periods

» Next

If **Pivot Summary** is chosen under **Report Type**, additional headers display such as **Grouping**. Grouping means that if you are trying to count the number of cases by each of the risk models, you can select how you want to display the group by adding or dragging it to see the distribution.

Home / All Report Templates / STS 4.20 - Risk Model Distribution

Edit Report

1 Report Type 2 Report Fields 3 Filters 4 Time Frame 5 Grouping 6 Totals 7 Finish

Report summary grouping

Select the report fields that should define the report summary groups. The report totals will be calculated for each unique value represented in all the selected groups.

Ungrouped Report Fields

- Patient Last Name [50: PatLName]
- Patient First Name [55: PatFName]
- Date of Birth [65: DOB]
- Date of Surgery [310: SurgDt]
- Surgeon [1955: Surgeon]
- Risk Model Population (Procd)
- Identity from Procedure

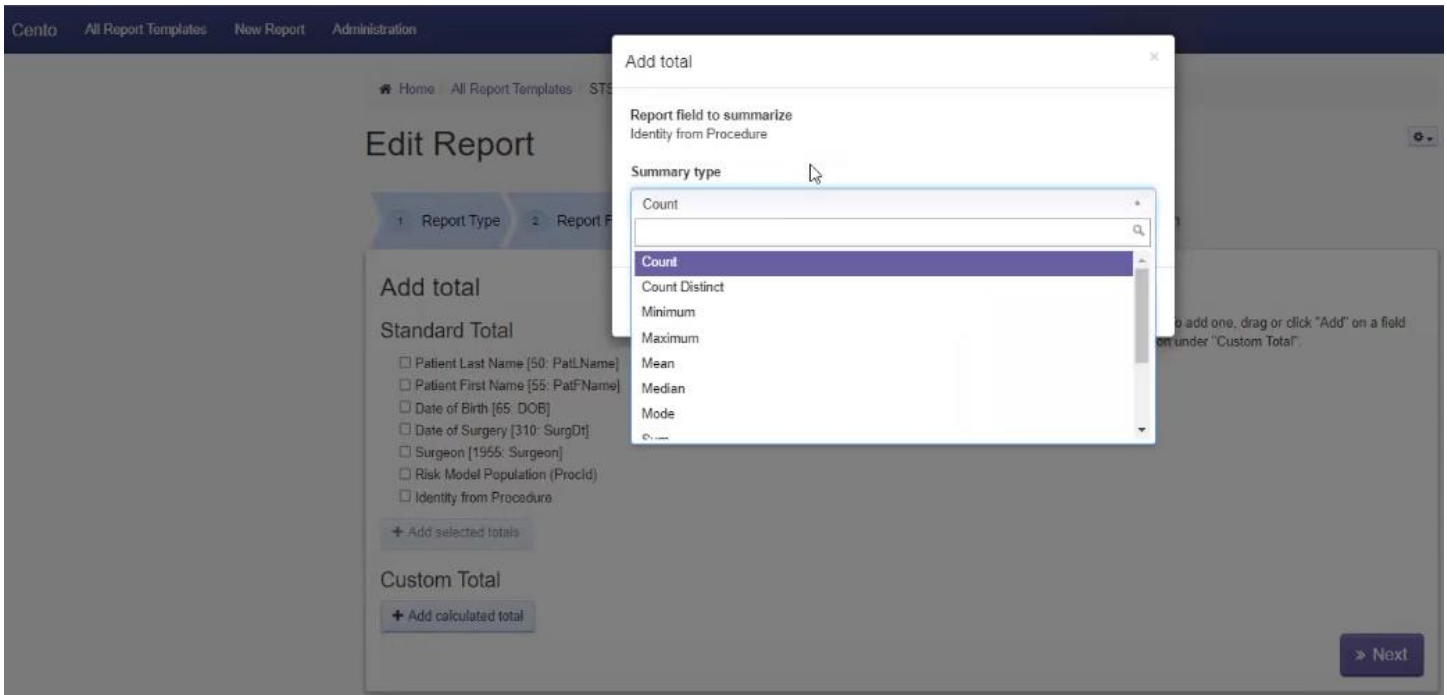
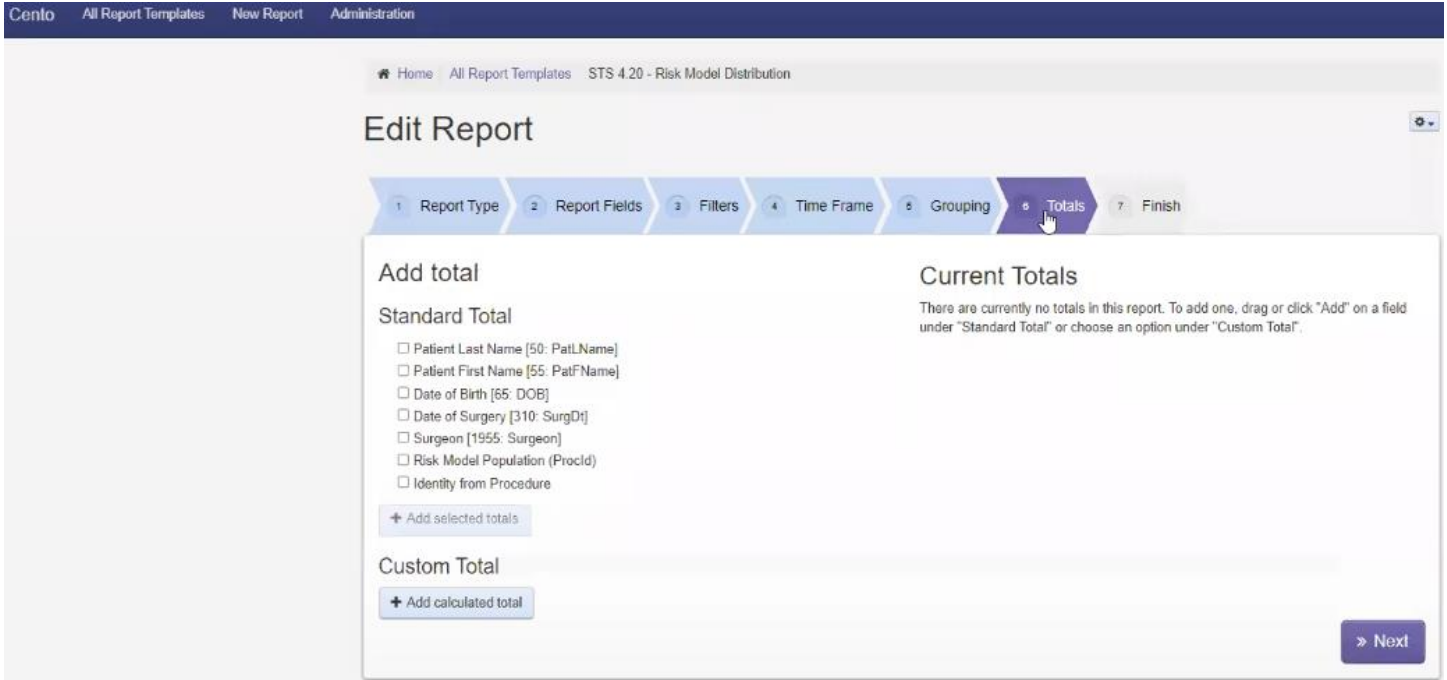
Click here to add a Top Level Group

Selected Groups

There are currently no groups defined for this report. At least one grouping field must be defined for a summary report. To add one, drag or click "Add" on a field under "Report Fields".

» Next

Totals allow you to see specific values. You can choose from standard total, custom total, and summary type.



(See more details on the **Cento Office Hours -Working with Reports recording -Timestamp 28:54**).

How to Select Multiple Filters on a Report

By default, filters automatically are set to “and” when multiple questions are selected, which means all of them must be true for the patient. The example below shows the patient is on the ACC/NCDR CathPCI v5.0 registry, they have a PCI, the status is urgent and elective. There would be no data for this report, because in this example there is no single procedure the patient had that was both elective and urgent.

Home / All Report Templates / Run report

Ad Hoc: CathPCI v5 - Cases by Appropriate Use Category (AUC) - PCI Status

Executed 10/25/2022 5:39 PM

Report Parameter

- Participant Name:

Report Filters

- ACC/NCDR CathPCI v5.0 is Yes
- Test Patient is No
- Parameter: Participant Name
- Percutaneous Coronary Intervention (PCI) [7050: PCIProc] is Yes
- PCI Status [7800: PCIStatus] = Urgent
- PCI Status [7800: PCIStatus] = Elective

Value

To look for patients with the status urgent or elective, check the boxes for the fields you need to display. In the example below, PCI Status = Urgent and PCI Status = Elective have been selected. Once you have the desired fields selected, you can select Combine selected using “or”

Edit Report

1 Report Type 2 Report Parameters 3 Report Fields 4 Filters 5 Time Frame 6 Grouping 7 Totals 8 Finish

Add Filter

Standard Fields

- Selected Fields
- Filter
- Standard Fields
- AACVPR Outpatient Cardiac Rehabilitation
- repeated test
- STEMI Receiving Form
- Cedaron
- AACVPR Outpatient Pulmonary Rehabilitation
- AAOS AJRR (Hip and Knee)
- AAOS AJRR (Hip and Knee) - Post-Op Complication
- AAOS Cervical Spine v7.1
- AAOS Cervical Spine v7.1 - Post-Op Complication
- AAOS Lumbar Spine v7.1
- AAOS Lumbar Spine v7.1 - Post-Op Complication
- ACC/NCDR ACTION-GWTG v2.4
- ACC/NCDR AFib v1
- ACC/NCDR Auxiliary Data Collection
- ACC/NCDR CathPCI Followup

Selected Filters

- ACC/NCDR CathPCI v5.0 is Yes
- Test Patient is No
- Parameter: Participant Name
- Percutaneous Coronary Intervention (PCI) [7050: PCIProc] is Yes
- PCI Status [7800: PCIStatus] = Urgent
- PCI Status [7800: PCIStatus] = Elective

Select none **Combine Selected using "or"**

When you run the report, it will display Urgent or Elective under the PCI Status.

Totals Drill Down Data

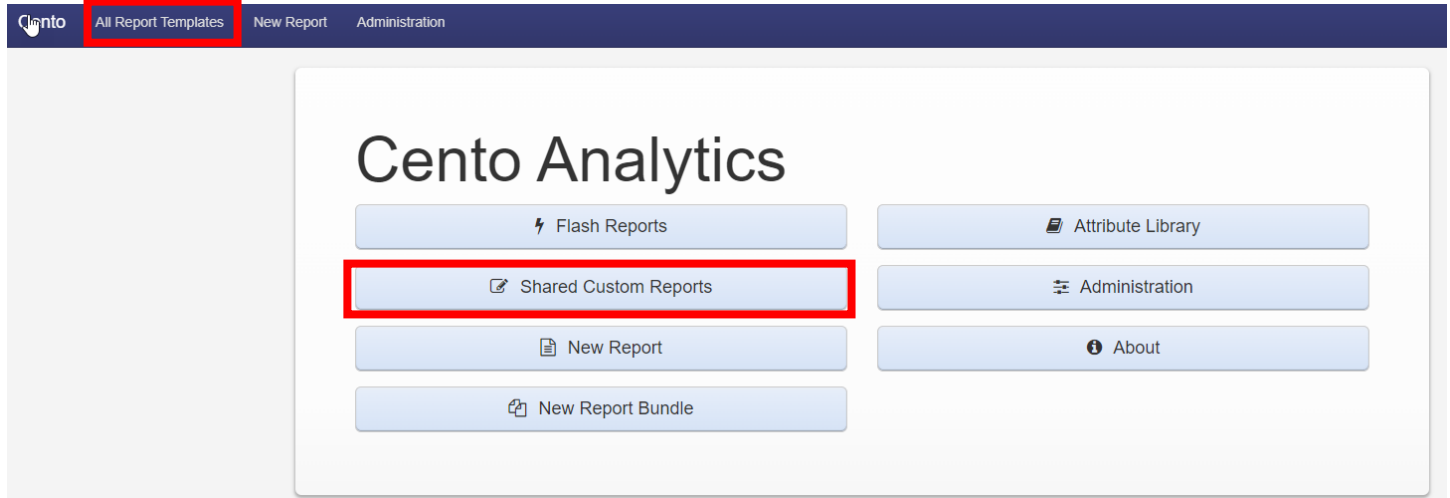
Drag a column header here to group by that column

Search

Last Name	[1010]: DCDate[Time]	PCI Operator	Diagnostic Catheterization Operator	Percutaneous Coronary Intervention (PCI) [7050: PCIProc]	PCI Status [7800: PCIStatus]	Diagnostic Left Heart Cath [7060: LeftHeartCath]	Appropriate Use Category	Maximum Appropriate Use
Friedo		Jay Jacker (231451253)	Jay Jacker (231451253)	Yes	Urgent	Yes	Appropriate Care	
Alpooner		Daisy Duck (sdaff)	Daisy Duck (sdaff)	Yes	Urgent	No	Unclassifiable	
Robinson		Victor Grorgert (125135)	Victor Grorgert (125135)	Yes	Urgent	Yes	Unclassifiable	
Mumps		Paul Plater (0672711)	Paul Plater (0672711)	Yes	Urgent	No	Appropriate Care	
Blass		Daisy Duck (sdaff)	Daisy Duck (sdaff)	Yes	Urgent	No	Unclassifiable	
Moose		Wilbur wilper (1245234676)	Wilbur wilper (1245234676)	Yes	Urgent	Yes	May Be Appropriate Care	
CatWright		Victor Grorgert (125135)	Victor Grorgert (125135)	Yes	Urgent	Yes	May Be Appropriate Care	
Newhouse		Daisy Duck (sdaff)		Yes	Urgent	No	Appropriate Care	
Denurse		Jay Jacker (231451253)		Yes	Urgent	No	Unclassifiable	
Fank		Jay Jacker (231451253)	Jay Jacker (231451253)	Yes	Urgent	No	Appropriate Care	
Paulson		Wilbur wilper (1245234676)	Wilbur wilper (1245234676)	Yes	Urgent	No	Appropriate Care	
Randyo		Daisy Duck (sdaff)		Yes	Urgent	No	Unclassifiable	
JONES		JORGE JONES (1891183855)		Yes	Elective	Yes	Unclassifiable	
DAVIS		GERALD BELL (1325398969)		Yes	Elective	Yes	Unclassifiable	
WHITE		CHRISTOPHER WOOD (2002129280)	JORGE JONES (1891183855)	Yes	Elective	Yes	Unclassifiable	
MARTIN		JORGE JONES (1891183855)	JORGE JONES (1891183855)	Yes	Elective	Yes	Unclassifiable	
RODRIGUEZ		GERALD BELL (1325398969)	CHRISTOPHER WOOD (2002129280)	Yes	Elective	Yes	Unclassifiable	
LEWIS		CHRISTOPHER WOOD (2002129280)	JORGE JONES (1891183855)	Yes	Elective	Yes	Unclassifiable	
WALKER		JORGE JONES (1891183855)	JORGE JONES (1891183855)	Yes	Elective	Yes	Unclassifiable	
HALL		JORGE JONES (1891183855)	GERALD BELL (1325398969)	Yes	Elective	Yes	Unclassifiable	
KING		GERALD BELL (1325398969)		Yes	Elective	Yes	Unclassifiable	
WRIGHT		GERALD BELL (1325398969)	CHRISTOPHER WOOD (2002129280)	Yes	Elective	Yes	Unclassifiable	
GONZALEZ		JORGE JONES (1891183855)	GERALD BELL (1325398969)	Yes	Elective	Yes	Unclassifiable	
NELSON		WILLIAM FOWLER (1416246482)		Yes	Elective	Yes	Unclassifiable	

Where to find your Reports

The reports that you create can be found under [All Report Templates](#) or [Shared Custom Reports](#).



You will be able to view the reports you create under “[My Reports](#)”, reports you have shared under “[Shared Custom Reports](#)”, and the existing “[Flash Reports](#)” are under this tab as well.

