

NEW HEALTH ANALYTICS



Section 4

Report Design Options in PCA V2

Choosing a report type, layout, & grouping options

Output Type

After filter selection, scrolling down the page will reveal the report design options in PCA Plus.

The selected output type will determine the options you are given for the rest of the layout design:

A **standard report** will include column headings such as number of cases, LOS, total charges, CMI, charges per patient day, etc.

The **charge details report** displays the breakdown of the charge information by category, such as OR, drug, RAD, LAB, supplies, etc.

The **cross-tab report** allows the user to define both the rows and columns by which to view the data.

The screenshot shows a software interface for selecting report types. At the top, a note states: "Note! Select one of the following report types as the output. Reports are based on the the filters you selected above. For more detailed reports, you may select up to three fields, under Case Details, to group the output or for quarterly data reports click the Show by Quarter check box." Below this, a dialog box titled "Select Output Type" is highlighted with a red border. It contains three radio button options: "Standard Report" (selected), "Charge Details Report", and "Cross-Tab Report". Below the dialog box, the interface shows "Choose Your Layout Type" with radio buttons for "Case Details" (selected) and "Case Counts". Under "Case Details", there are three dropdown menus labeled "First Selection", "Second Selection", and "Third Selection", each currently set to "--- None ---". At the bottom, there are two checkboxes: "Show by Quarter" (unchecked) and "12 Month Ending (First, Second and Third Selection above are ignored in this case)" (unchecked). The text "(OR)" is positioned between the two checkboxes.

Layout Type

For **Standard Report** and **Charge Detail Report** selections, the following layout options will be visible on the screen:

- Case Detail (default)
- Case Count

Note! Select one of the following report types as the output. Reports are based on the the filters you selected above. For more detailed reports, you may select up to three fields, under Case Details, to group the output or for quarterly data reports click the Show by Quarter check box.

Select Output Type

Standard Report Charge Details Report Cross-Tab Report

Choose Your Layout Type

Case Details Case Counts

Case Details

First Selection

Second Selection

Third Selection

Show by Quarter
(OR)

12 Month Ending (First, Second and Third Selection above are ignored in this case)

*See slides 6-8 for Cross-tab Report features.

Layout Type

When running a report, data will be filtered by the user selections in the blue placeholder strip, and then displayed by the selected layout groups.

Case Details

- Up to three layers of data grouping; data can be grouped according to any of the filter selections
- Output design is dependent on the order in which you choose your selections
- View data by quarter or by year (by selecting the “Show by Quarter” or “12 Month Ending” box)

Case Count

- Up to three levels of data grouping; display data by any of the available groups
- The groups within the first category will appear in the first column of the report.
 - Second and third selections will appear under the primary selection.

The screenshot shows the 'Choose Your Layout Type' interface with 'Case Details' selected. It features three dropdown menus for 'First Selection', 'Second Selection', and 'Third Selection', all currently set to '--- None ---'. A red circle highlights the 'First Selection' dropdown, which is open to show a list of filter categories including 'ADMISSION SOURCE', 'AGE GROUP', 'APR ORG CODE', 'ATTENDING PHYSICIAN', 'COUNTY', 'DISPOSITION', 'EMERGENCY CASE', 'GENDER', 'ICD-9 DIAG CODE', 'ICD-9 PROC CODE', 'ICD-10 PROC CODE', 'MS DRG CODE', and 'NATURE OF ADMISSION'. Below the dropdowns are 'Submit', 'Reset', and 'Bookmark' buttons.

This inset shows the 'Show by' options for the Case Details layout. It includes a radio button for 'Show by Quarter (OR)' and another for '12 Month Ending (First, Second and Third Selection above are ignored in this case)'. 'Submit', 'Reset', and 'Bookmark' buttons are also present.

The screenshot shows the 'Choose Your Layout Type' interface with 'Case Counts' selected. It features three dropdown menus for 'First Selection', 'Second Selection', and 'Third Selection', all currently set to '--- None ---'. A red circle highlights the 'First Selection' dropdown. Below the dropdowns are 'Submit', 'Reset', and 'Bookmark' buttons.

The first selection has the drop-down option to filter by Quarter

Layout Type

In this group layout example, Provider is the first group selection and Payors is the second group selection.

The report shows only the first selection initially, in this case provider. You can expand the report to see group details and the other groups by clicking on the black triangle.

Choose Your Layout Type

Case Details Case Counts

Case Counts

First Selection: Provider
Second Selection: Payors
Third Selection: --- None ---

[Submit](#) [Reset](#) [Bookmark](#)

Case Counts Standard Output

Provider	# of Cases	LOS	Patient Days	APRDRG-CMI	MSDRG-CMI	Charges	Charge per Case	Charge patient day
	6,694	4.00	33,338	1.5175	1.7184	\$106,397,029	\$15,894	
	\$3,191						100.00%	
Total by Provider	6,694	4.00	33,338	1.5175	1.7184	\$106,397,029	\$15,894	
	\$3,191						100.00%	

Case Counts

First Selection: Provider
Second Selection: Payors
Third Selection: --- None ---

[Submit](#) [Reset](#) [Bookmark](#)

Case Counts Standard Output

Provider	# of Cases	LOS	Patient Days	APRDRG-CMI	MSDRG-CMI	Charges	Charge per Case	Charge patient day
	6,694	4.00	33,338	1.5175	1.7184	\$106,397,029	\$15,894	\$3,191
	100.00%							
Baltimore Washington Medical Center	6,694	4.00	33,338	1.5175	1.7184	\$106,397,029	\$15,894	\$3,191
	100.00%							
Payors	# of Cases	LOS	Patient Days	APRDRG-CMI	MSDRG-CMI	Charges	Charge per Case	Charge patient day
	6,694	5.00	33,338	48.6889	\$4.4100	\$106,397,029	\$493,497	\$97,656
	0.00%							
Total by Provider	6,694	4.00	33,338	1.5175	1.7184	\$106,397,029	\$15,894	\$3,191
	100.00%							

Report Headings

Based on the report type selection, the headings will look similar to the images below. Slight variations will appear in the first column depending on the group selection.

Standard Report with no selections:

Case Details Output									
Provider ▼	# of Cases	LOS	Patient Days	APDRG-CMI	MSDRG-CMI	Charges	Charge per Case	Charge patient day	Charge Percent

Standard Report with two design layout group selections:

Design Layout Output										
Provider	# of Cases	LOS	Patient Days	APDRG-CMI	MSDRG-CMI	Charges	Charge per Case	Charge patient day	Charge Percent	
▲ Bon Secours	2,601	4.36	11,330	0.95	1.30	\$35,665,145	\$13,712	\$3,148	21.55%	
APR-DRG CODE	# of Cases	LOS	Patient Days	APDRG-CMI	MSDRG-CMI	Charges	Charge per Case	Charge patient day	Charge Percent	
(004) Tracheostomy W Long Term Mechanical Ventilation W Extensive Procedure	3	26.33	79	13.23	17.64	\$626,342	\$208,781	\$7,928	0.38%	
(005) Tracheostomy W Long Term Mechanical Ventilation W/O Extensive Procedure	6	20.50	123	9.34	10.85	\$813,639	\$135,607	\$6,615	0.49%	
(026) Other Nervous System & Related Procedures	1	35.00	35	4.68	3.80	\$68,315	\$68,315	\$1,952	0.04%	

Cross-tab Report

A cross-tab report allows the user to run one filter option against another. By using this customizable report option, the user can select the categories to appear in both the rows and columns.

Select Output Type

Standard Report Charge Details Report Cross-Tab Report

Cross tab Selections

OUTPUT TYPE

--- Your Choice ---

--- Your Choice ---

Cases

Total Patient Days

Charges

ROW

--- Your Choice ---

COLUMN

--- Your Choice ---

The Output Type under “Cross tab Selections” will display the report by one of three data options: cases, LOS, and charges.

After selecting the output type, select which row and column categories to use.

Cross-tab Report

To run a cross-tab report: an output type, row filter(s), and column filter(s) must be selected. Choose any of the available filter categories in the row and column dropdown menus.

Select Output Type

Standard Report Charge Details Report Cross-Tab Report

Cross tab Selections

OUTPUT TYPE: Cases

ROW: ZIP CODE(S)

COLUMN: AGE GROUP

Placeholder to display your Selected Filters

Quarters: 2014-Q4, Oct-Dec to 2015-Q3, Jul-Sep

Submit Reset Bookmark Please see Report below



Cross tab Selections

OUTPUT TYPE: Cases

ROW: ZIP CODE(S)

COLUMN: AGE GROUP

23223 - Richmond 23113 - Midlothian
23116 - Mechanicsville 22311 - Alexandria

Once row and column categories are selected, auto-fill text boxes will appear if specific selections are needed to narrow down the report.

- Begin typing desired filters into the box, and matches will automatically populate.
- Select the filters for which to run the cross-tab.

Note: Not all cross-tab categories will have additional filtering options underneath; they will use the predetermined PCA breakdowns.

Cross-tab Report

If a cross-tab option has not been selected correctly, an error box will appear stating the field that needs to be filled.

* If there is no data present for that cross-tab option, the red box will say "No Data Found."

Cross tab Selections

OUTPUT TYPE: Cases

ROW: ZIP CODE(S)

COLUMN: AGE GROUP

Filter Your Row

Placeholder to display your Selected Filters

Quarters: 2014-Q4, Oct-Dec to 2015-Q3, Jul-Sep

Submit Reset Bookmark **Cross Tab - Filter row cannot be empty** Please see Report below

A cross-tab report will display as shown below. Rows and columns will vary based on user selection.

ZIP/NEW_AGE	Ages 18-24	Ages 25-34	Ages 35-44	Ages 45-54	Ages 55-64	Ages 0-9	Ages 65-74	Ages 75+
22311 - Alexandria	2	3	3	5	3			
23113 - Midlothi...		2		1	5	2	2	1
23116 - Mechani...			1	2		2		
23223 - Richmond		2		1	4			1



NEW HEALTH ANALYTICS

Help & Support

For information regarding our products, PCA Plus software support, and customer service, please contact:

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