Deductions Calculator Guide

Axiom Rolling Forecasting Version 2021.3



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Deductions Calculator overview

The Axiom Rolling Forecasting Deductions Calculator enables you, the Axiom Rolling Forecasting administrator, to forecast reimbursement assumptions using the preferred Net Revenue approach. There are configurable options to include payor-level detail using Inpatient, Outpatient or Physician displays. Additionally, there are forecasting options for Administrative Adjustments, Bad Debt and Charity assumptions.

How the Deductions Calculator works

The Deductions Calculator uses a setup utility to assist with configuring default and exception-based options that control the content displayed in the calculator. The setup utility includes payor-level configuration as well as inpatient and outpatient selections.

Upon opening the Deductions Calculator, a Refresh Variables dialog prompts you to select the RF deductions group and Scenario (within your security permissions). Based on your selections, the Associated Axiom Queries populate the calculator, after which you can begin editing as desired.

When you save your edits, the Deductions Calculator posts all identified content to two sets of tables. The RF_Deductions_20xx tables will contain manually entered data such as Patient Days by payor if not in your organization's history. These tables also save user elected changes such as drop-down selections or edits to blue cells.

The Deductions Calculator also saves the results of the deduction values to the RF_Forecast_20xx tables using the DType of "DeductionResult." This is the reporting code needed to display deduction content to reports like the Consolidated Summary report.

File Processing is also included beginning with the 2021.3 release. For more information on file processing for the Deductions Calculator, please see that topic in the online help.

Who can use the calculator and configuration utility

Both the Rolling Forecasting Admin and Rolling Forecasting Analyst roles have configured permissions to both the Deductions Model Configuration Utility and the Deductions Calculator. These permissions allow Save Data Only.

Accessing the Deductions Calculator

To open the setup utility, from the **RF Admin** task pane, under **Other Calculators**, double-click **Deductions Model Configuration Utility**. To open the calculator, double-click **Deductions Model**.



Deductions Calculator example

Configuring the Deductions Calculator

Use the Deductions Model Configurations Utility to configure the Deductions Calculator.

Launch the Deductions Model Configuration Utility from the menu.

Other Calculators	>
Deductions Model	
🖾 Deductions Model Configuration Utility 🗲	
Balance Sheet and Cash Flow	
🖾 Monthly Payroll to Forecast	

The utility opens as read-only but will save as Save Data Only.

About the RF Deductions Setup utility

The configuration utility has two primary sections: the top section, which is used to configure options for each RF deductions group; and the bottom section, which is used to map the RF Payor codes to the FP Payor codes, and for assigning whether or not the payor code is active.

PC Deductions Comm										
KF Deductions Group	Payor Category	Include/Exclude	from Deductions	Model						
	Use Discharges or Admissions	Discharges / Admissions	Inpatient Days	Inpatient Revenue	Inpatient Deductions	Outpatient Visits	Outpatient Revenue	Outpatient Deductions	CMI Weighted Discharges	CMI Weights
Global	Discharges	Include	Include	Include	Include	Include	Include	Include	Include	Include
EHS_Deductions	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
EMA_InternalMedicine	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
EMC_BalanceSheet	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
EMC_Deductions	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
EPG_Clinic	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Test Deductions	Use Clabel									
rest_beddetions	UseGiobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlob
Administrative Adjustments, Char	rity, and Bad Debt Setup Payor Description	Administrative Adjustments	UseGlobal Charity	UseGlobal Bad Debt	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Administrative Adjustments, Char	rity, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096	UseGlobal Charity 1097	UseGlobal Bad Debt 1098	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Administrative Adjustments, Char Global	rity, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total	UseGlobal Charity 1097 Total	UseGlobal Bad Debt 1098 Total	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Administrative Adjustments, Char Global EHS, Deductions	rity, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total UseGlobal	UseGlobal Charity 1097 Total UseGlobal	UseGlobal Bad Debt 1098 Total UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Administrative Adjustments, Char Global EMS_Deductions EMA_InternalMedicine	ity, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total UseGlobal UseGlobal	UseGlobal Charity 1097 Total UseGlobal UseGlobal	UseGlobal Bad Debt 1098 Total UseGlobal UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Administrative Adjustments, Char Global EHS. Deductions EMA. InternalMedicine EMC. BalanceSheet	ity, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total UseGlobal UseGlobal	UseGlobal Charity 1097 Total UseGlobal UseGlobal UseGlobal	UseGlobal Bad Debt 1098 Total UseGlobal UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Administrative Adjustments, Char Global EHS_Deductions EMA_InternalMedicine EMC_BelanceSheet EMC_Deductions	ity, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total UseGlobal UseGlobal UseGlobal	UseGlobal Charity 1097 Total UseGlobal UseGlobal UseGlobal	UseGlobal Bad Debt 1098 Total UseGlobal UseGlobal UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba
Administrative Adjustments, Char Global EHS, Deductions EMA, InternalMedicine EMC, BalanceSheet EMC, BalanceSheet EMC, Deductions EMC, Clinic	ity, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total UseGlobal UseGlobal UseGlobal UseGlobal	UseGlobal Charity Total UseGlobal UseGlobal UseGlobal UseGlobal	UseGlobal Bad Debt 1098 Total UseGlobal UseGlobal UseGlobal UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGloba

Top section

Standard Payor Setup					
Payor Description	Payor Code	Þ	RF to FP Mapping	Active	Revenue / Payor Grouping
Medicare	1001		1	TRUE	0
Medicaid	1002		2	TRUE	0
Commercial	1003	\simeq	3	TRUE	0
Self Pay	1004	\simeq	5	TRUE	0
Other	1005	\simeq	7	TRUE	0
Blue Cross	1006	\simeq	6	TRUE	0
Managed Care	1007	\simeq	4	FALSE	0
Test	1008	\simeq	8	FALSE	0
Not Configured	1009	\simeq	9	FALSE	0
Not Configured	1010	\simeq	10	FALSE	0
Not Configured	1011		11	FALSE	0
Not Configured	1012	\simeq	12	FALSE	0
Not Configured	1013		13	FALSE	0
Not Configured	1014	\simeq	14	FALSE	0
Not Configured	1015	\simeq	15	FALSE	0
Not Configured	1016	\simeq	16	FALSE	0
Not Configured	1017	\simeq	17	FALSE	0
Not_Configured	1018	\sim	18	FALSE.	0

Bottom section

Configuring RF deductions groups

This section of the utility is used to configure the view of the Deductions Calculator when it is opened. This file can be opened simultaneously by more than one user so the configuration of the user's experience can be tailored uniquely if needed.

Note that the first row is labeled Global. This is the default setting for the calculator, so whatever is configured here will be used unless you have set up RF deductions groups.

RF Deductions	Setup									
RF Deductions Group										
	Payor Category	Include/Exclude fi	rom Deductions N	1odel						
	Use Discharges or Admissions	Discharges / Admissions	Inpatient Days	Inpatient Revenue	Inpatient Deductions	Outpatient Visits	Outpatient Revenue	Outpatient Deductions	CMI Weighted Discharges	CMI Weights
Global	Discharges	Include	Include	Include	Include	Include	Include	Include	Include	Include
EHS_Deductions	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal
EMA_InternalMedicine	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal
EMC_BalanceSheet	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal
EMC_Deductions	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal
EPG_Clinic	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal
Test_Deductions	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal

Configuration options include the following:

• Use Discharges/Admissions: Drop-down options to assign if discharges or admissions will be used. This is used to query the related deductions RFCode in the Deductions Calculator.

RF Deductions Setu			
RF Deductions Group			
	Payor Category	Include/Exclude f	rom Deductions Mo
	Use Discharges or Admissions	Discharges / Admissions	Inpatient Days
Global	Discharges	Include	Include
EHS_Deductions	UseGlobal	UseGlobal	UseGlobal
EMA_InternalMedicine	UseGlobal	UseGlobal	UseGlobal
EMC_BalanceSheet	UseGlobal	UseGlobal	UseGlobal
EMC_Deductions	UseGlobal	UseGlobal	UseGlobal
EPG_Clinic	UseGlobal	UseGlobal	UseGlobal
Test_Deductions	UseGlobal	UseGlobal	UseGlobal

• In the following rows, each row can be either included or excluded from display in the calculator.

Example 1: The administrator elects to exclude CMI Weighted Discharges and CMI Weights from displaying. Setting to Exclude will invoke the hide logic for that section.

RF Deductions Setu	ıp										
RF Deductions Group											
	Payor Category	Include/Exclude fr	om Deductions N	lodel							1 -
	Use Discharges	Discharges /	Inpatient	Inpatient	Inpatient	Outpatient	Outpatient	Outpatient	CMI Weighted	CMI	
	or Admissions	Admissions	Days	Revenue	Deductions	Visits	Revenue	Deductions	Discharges	Weights	6
Global	Discharges	Include	Include	Include	Include	Include	Include	Include	Exclude	Exclude	
EHS_Deductions	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	
EMA_InternalMedicine	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	
EMC_BalanceSheet	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	

• Administrative/Charity/BadDebt: These three sections can be configured to display as separate sections for InPatient and OutPatient or combined into one section as Total.

Administrative Adjustments, Charity, and	l Bad Debt Setup			
	Payor Description	Administrative Adjustments	Charity	Bad Debt
	Payor Code	1096	1097	1098
Global		Total	Total	Total
EHS_Deductions		Total	Total	Total
EMA_InternalMedicine		IP/OP	IP/OP	IP/OP
EMC_BalanceSheet		Total	Total	Total
EMC_Deductions		Total	Total	Total
EPG_Clinic		UseGlobal	UseGlobal	UseGlobal
Test_Deductions		UseGlobal	UseGlobal	UseGlobal

Configuring RF deductions group exceptions

After you have configured the Global column, the settings for each row can be applied to additional RF deductions groups. If the settings will be identical to Global, then UseGlobal can be assigned, and the Deductions Calculator will open with the global settings.

NOTE: Each individual row of an RF deductions group can be configured to use global or assigned an alternate option. This provides the widest array of options for administrators.

RE Deductions Group						
<u>Ri Beddetions Group</u>	Pavor Category	Include/Exclude	from Deductions	Model		
	Use Discharges or Admissions	Discharges / Admissions	Inpatient Days	Inpatient Revenue	Inpatient Deductions	Outpa Vis
Global	Discharges	Include	Include	Include	Include	Incli
EHS_Deductions	UseGlobal	Include	UseGlobal	UseGlobal	UseGlobal	UseG
EMA_InternalMedicine	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseG
EMC_BalanceSheet	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseG
EMC_Deductions	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseG
EPG_Clinic	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseGlobal	UseG
Test_Deductions	UseGlobal	Exclude	Exclude	Exclude	Exclude	Excl
Test_Deductions Administrative Adjustments, Charit	UseGlobal y, and Bad Debt Setup Payor Description	Exclude Administrative Adjustments	Exclude	Exclude Bad Debt	Exclude	Exc
Test_Deductions Administrative Adjustments, Charit	<u>UseGlobal</u> <u>y, an</u> d Bad Debt Setup Payor Description Payor Code	Exclude Administrative Adjustments 1096	Exclude Charity 1097	Exclude Bad Debt 1098	Exclude	Exc
Test_Deductions Administrative Adjustments, Charit Global	UseGlobal y, and Bad Debt Setup Payor Description Payor Code	Exclude Administrative Adjustments 1096 Total	Exclude Charity 1097 Total	Exclude Bad Debt 1098 Total	Exclude	Exc
Test_Deductions Administrative Adjustments, Charit Global EH5.Deductions	UseGlobal <u>y, an</u> d Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total Total	Exclude Charity 1097 Total Total	Exclude Bad Debt 1098 Total Total	Exclude	Exc
Test_Deductions Administrative Adjustments, Charit Global EHS. Deductions EMA_InternalMedicine	UseGlobal y, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total Total IP/OP	Exclude Charity 1097 Total Total IP/OP	Exclude Bad Debt 1098 Total Total IP/OP	Exclude	Exc
Test_Deductions Administrative Adjustments, Charit Global EHS_Deductions EMA_InternalMedicine EMK_BalanceSheet	UseGlobal y, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total IP/OP Total	Exclude Charity Total IP/OP Total	Exclude Bad Debt 1098 Total IP/OP Total	Exclude	Exc
Test_Deductions Administrative Adjustments, Charit Global EH5 Deductions EMA_InternalMedicine EMC_BalanceSheet EMC_Deductions	UseGlobal y, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total Total IP/OP Total Total	Exclude Charity 1097 Total IP/OP Total Total Total	Exclude Bad Debt 1098 Total IP/OP Total Total Total	Exclude	Exc
Test_Deductions Administrative Adjustments, Charit Global EHS_Deductions EMA_InternalMedicine EMC_BalanceSheet EMC_Deductions EMC_Deductions EMC_DEductions	UseGlobal y, and Bad Debt Setup Payor Description Payor Code	Administrative Adjustments 1096 Total Total IP/OP Total Total UseGlobal	Charity Charity 1097 Total IP/OP Total Total UseGlobal	Exclude Bad Debt 1098 Total IP/OP Total UseGlobal	Exclude	Exc

AQ1 of the setup utility uses a Drillable query to bring in a row for every RF deductions group. However, not all may be used in the Deductions Calculator.

Worksheet Settings for Deductic $~?~~ \land$			RF Dedu	ctions Setu	цр
Axiom Queries	?	\sim	RF Deductions Gro	oup	
Query Name: AQ1: Set	tup 🗸 🧳 🕹	•			Payor Category Use Discharges or Admissions
Primary Table: RFGROU	IP		Global EHS Deductions		Discharges UseGlobal
Sum By: RFGroup	Deductions Mapping		EMA_InternalMed	icine	UseGlobal
Data Filter: RFGroup NOT IN	DeductionsMapping ('NA')	7	EMC_BalanceShee	t	UseGlobal
Data Sort: RFGroup	Deductions Mapping		EPG_Clinic		UseGlobal
Sheet Sort:			Test_Deductions		UseGlobal
 Control Rows/Colum Refresh Settings 	ns Preview Da	ata	Administrative Ad	ljustments, Charity, a	nd Bad Debt Setup Payor Description

Configuring Standard Payor Setup

Rolling Forecasting shares the Payor dimension with Financial Planning. Where Financial Planning uses the reserved codes from 1 to 99, Rolling Forecasting owns the range from 1000 to 1099. Selected codes are reserved for system use and cannot be modified by administrators. Those codes are as follows:

1000	Unassigned/not applicable
1001	Medicare
1096	Administrative Adjustments
1097	Charity
1098	Bad Debt

1002	Medicaid	Gov
1003	Commercial	Fill in
1004	Self Pay	Fill in
1005	Other	Fill in
1006	Blue Cross	Fill in
1007	Managed Care	Fill in
1008	Test	Fill in
1009	Not Configured	Fill in
1010	Not Configured	Fill in
1011	Not Configured	Fill in

A	Home 🖹 I	Deductions Model	Configuration Utility (R/O)	Deductio	ns Model (R/0	D) 🔳 PAYOR 🗴
A	В	C D	E	F	G	Н
	Data Type String Length	Integer	String 100	String 25	String 25	String 25
	Description	Payor	Description		Туре	
	Delete Row	PAYOR -	Description	ENUFF 👻	Type 👻	Revenue 👻 🛛 Ba
		207	Health Plan Group 7	Fill In	Fill In	HealthPlan
		208	Health Plan Group 8	Fill In	Fill In	HealthPlan
		209	Health Plan Group 9	Fill In	Fill In	HealthPlan
		210	Health Plan Group 10	Fill In	Fill In	HealthPlan
		299	Undefined	Undefined	Undefined	HealthPlan
		1000	Unassigned/not applicable		NA	
		1001	Medicare		Gov	
		1002	Medicaid		Gov	
		1003	Commercial		Fill In	
		1004	Self Pay		Fill In	
		1005	Other		Fill In	
		1006	Blue Cross		Fill In	
		1007	Managed Care		Fill In	
		1008	Test		Fill In	
		1009	Not Configured		Fill In	
		1010	Not Configured		Fill In	

You can define all the other codes using any description by entering the desired text in the editable blue **Payor Description** field (see following screenshot).

If you plan to integrate to Financial Planning, you can select the folder icon to assign the RF Payor code to the desired Financial Planning payor code (e.g., ...1003 to 3).

The **Active** column is set to True/False by the administrator and is used to inform the related AQs which payors to query into the Deductions Calculator as well and Plan Files. Setting this option to **True** allows the payor data to be queried, while selecting **False** will suppress that data.

Davor	Payor		PE to ED		Pavanua /
Description	Code		Mapping	Active	Pavor Grouping
Medicare	1001		1	TRUE	0
Medicaid	1002	\simeq	2	TRUE	0
Commercial	1003	\simeq	3	TRUE	0
Self Pay	1004	\simeq	5	TRUE	0
Other	1005	\simeq	7	TRUE	0
Blue Cross	1006	\simeq	6	TRUE	0
Managed Care	1007	\simeq	4	FALSE	0
Test	1008	\simeq	8	FALSE	0
Not Configured	1009	\simeq	9	FALSE	0
Not Configured	1010	\simeq	10	FALSE	0
Not Configured	1011	\simeq	11	FALSE	0
Not Configured	1012	\simeq	12	FALSE	0

To commit your configurations to the Payor table, click Save.

Using the Deductions Calculator

IMPORTANT: If you are an administrator with read/write permissions, take care to use Save only if you intend to save results. Failure to do so will also save the current filtered data in the Deductions Calculator. To test if this has occurred, open the file with Open Without Refresh option to see if filtered data exists. If it does, then contact Syntellis support to have the data within each AQs start/stop tag deleted and the file resaved as Save.

To open the Deductions Calculator, in the **RF Admin** task pane under **Other Calculators**, double-click **Deductions Model**.



Select Refresh Variables

Upon open, you will be prompted for the following refresh variables:

- Select RF deductions group: Select the RF deductions group used to post the deductions to when the data summarization was processed for Actuals. The deductions group is a special RFGroup that you create in the RFGROUP dimension table. You use the RF deductions group to indicate which RFGroups are to be included when processing the Deductions Calculator. You can create as many special RF deductions groups as needed, but only one such group can be used per RFGroup at the time of processing.
- Select Scenario: This populates to the default scenario configured by the administrator. In most cases, the default will be the desired selection.

- Select RF Deductions Model Option (optional): This is an alternate configuration to present data in a format more consistent with outpatient reporting. Options are:
 - **Standard**: Displays all sections of the model for Inpatient and Outpatient data.
 - **Physician Only**: Hides and deactivates AQs for Inpatient leaving only Outpatient related sections of the model visible.

A Refresh Variables	×
Select RFGroup for Deductions	5
EMC_Deductions	Choose Value
Select Scenario	
1	Choose Value
Select RF Deductions Model O	ption (optional)
Standard	~ ×
	OK Cancel

Calculator options by section

This section explains the options in each main section of the calculator.

Model Header

The header information of the report identifies the RF deductions group and the Drivers RFPlanGroup.

Time periods display across the top with Excel expand/collapse features to control the view of the data. While this is a monthly model, you can collapse the columns to a quarterly view to reduce the viewable area.

There are two green selection options within the header:

• Save to Database?: Options are Save and Do Not Save. If you are only validating and testing and not ready to commit records to the datatables, then select Do Not Save. When ready to save records, select Save.

• **Default Forecast Method**: Many rows within the model can use various forecast methods as noted in the image below. Using Default will reference the Forecast Method selected in the header. For example, if the header section is set to **3 Month Avg**, then any row selection set to Default will use **3 Month Avg** forecast method.

			-				-		
Rolling Forecast Deductions Calculator KHA Health For the Period Ending January 31, 2020									
Deductions RFGroup: EMC Deductions Drivers RFPlanGroup: EMC Scenario: Default Save to Databas? SAVE Default Forecast Method: Last Menth	Data Selection / Forecast Method	FY 2020 Dec 2019 Actual	FY 2020 Oct - Dec Qtr2 Actual	Current Period FY 2020 Jan 2020 Actual	FY 2020 Feb 2020 Forecast	FY 2020 Mar 2020 Forecast	FY 2020 Jan - Mar Qtr3 Projected	FY 2020 Apr 2020 Forecast	FY 2020 May 2020 Forecast
Patient Volume									
Inpatient Volume	Admissio	ons							
Inpatient Volume EMC Health_K_Admissions - per Plan	File K_A	dmissions_G							
% Admissions by Payor									
Medicare									
Medicare Advantage			9 M	onth Avg					
Medicaid			La	stSaved					
Contracts and Commercial			6 M	onth Avg					
Health Network				Default					
Health Plans			۲ I	Default					
Self Pay			· (Default					
Others		<	<u>ه</u> (Default	*				
Total % Admissions by Payor			Default LastSar Last M Same M 3 Mont	ved onth Aonth h Avg					
Admissions by Payor	S_Admit	s	6 Mont 9 Mont 12 Mon	h Avg h Avg th Avg					

The Deduction Calculator is organized into sections from statistics to gross charges to deductions. There are also summary sections of gross charges as well as the detailed blocks for payor-level deductions. To quickly get to the desired section, use the Main ribbon tab's GoTo navigation feature: in the Main ribbon tab's **Workbook Options** section, click **GoTo** and then select the desired section.



Statistics

This section contains main statistics by payor that are leveraged in the model to calculate gross and net metrics within the detailed deduction calculation methods blocks.



- Admissions/Dischargers: From the green drop-down, select the RFCode used to post admission/discharge to the RF_Forecast_20xx data tables for Actuals. The green drop-down is populated from the RFCode dimension using a data filter that includes any RFCode that has %DISCH% in the name. The total admissions will come in on the top line.
- If Actuals are posted at the payor level, the payor detail is displayed in the Admissions by Payor section and percentages by payor calculated from historical data. In this case, the Data Selection will be set to **History**.

Rolling Forecast Deductic KHA Health For the Period Ending January 31, 2020 Deductions RFGroup: EMC_Deductions Drivers RFPlanGroup: EMC Scenaric: Default Save to Database? Default Forecast Method:	SAVE Last Month	Data Selection / Forecast Method	FY 2020 Dec 2019 Actual	FY 2020 Oct - Dec Qtr2 Actual	Current Period FY 2020 Jan 2020 Actual	FV 2020 Feb 2020 Forecast	FV 2020 Mar 2020 Forecast	FY 2020 Jan - Mar Qtr3 Projected
Patient Volume								
Inpatient Volume	Discharges							
npatient Volume EMC_K_Discharges	K_Discharges		179	553	195	0	0	19
Check Total Discharges by Payor		-	0	0	0			
% Discharges by Payor								
Medicare			0.00%	0.00%	0.00%	100.00%	100.00%	0.00
Medicaid		9 Month Avg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Commercial		LastSaved	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Self Pay		6 Month Avg	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Other		Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Blue Cross		Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Total % Discharges by Payor			0.00%	0.00%	0.00%	100.00%	100.00%	0.00
Discharges by Payor	S_Disch							
Medicare		History	0	0	0	0	0	
Medicaid		History	0	0	0	0	0	
Commercial		History	0	0	0	0	0	
Self Pay		History	0	0	0	0	0	
Other		History	0	0	0	0	0	
Blue Cross		History	0	0	0	0	0	
H • • • H Control_FileProcessing Summary Dedu	Ictions				4			,

• If Actuals are posted to a single RFCode for admissions, then you can use the blue input cells to enter admissions by payor. This is useful so that the detailed deduction calculation methods can use payor data.

IMPORTANT: If entering payor data manually, change the Data Selection from **History** to **Last Saved**. This saves the manually entered payor data to the RF_Deductions_20xx tables so that these values can be retrieved and you do not lose your work.

Patient Volume					
Inpatient Volume	Admissions				
Inpatient Volume EMC Health_K_Admissions - per Plan Fil	e K_Admissions_G			1,177	1,107
% Admissions by Payor					
Medicare		-		15.63%	18.16%
Medicare Advantage		9 Month Avg		9.18%	10.21%
Medicaid		LastSaved		21.16%	22.22%
Contracts and Commercial		6 Month Avg		36.02%	33.88%
Health Network		Default		5.86%	6.96%
Health Plans		Default		1.44%	1.17%
Self Pay		Default		3.91%	3.25%
Others		Default		6.80%	4.16%
Total % Admissions by Payor				100.00%	100.00%
Admissions by Payor	S Admits		_		
Medicare		LastSaved	T	184	201
Medicare Advantage		History	-	108	113
Medicaid		History		249	246
Contracts and Commercial		History		424	375
Health Network		History	·	. 69	77
Health Plans		History		17	13
Self Pay		History		46	36
Others		History		80	46

What was described above for Admissions/Discharges is the same for the **Patient Day** and **Visits/Registration** sections of the model.

KHA Health For the Period Ending January 31, 2020						
Deductions RFGroup: EMC_Deductions					Current Period	
Drivers RFPlanGroup: EMC		Data	FY 2020	FY 2020	FY 2020	
Scenario: Default		Selection /	Dec	Oct - Dec	Jan	
Save to Database?	SAVE	Forecast	2019	Qtr2	2020	
Default Forecast Method:	Last Month	Method	Actual	Actual	Actual	
Total Discharges by Payor			0	0	0	
Patient Days	PatientDays	Calculation Driver:				
Patient Days EMC_K_PatientDays	K_PatientDays	PatientDays	7,217	22,537	8,006	
Check Total Patient Days by Payor			0	0	0	
% Patient Days by Payor						
Medicare			0.00%	0.00%	0.00%	
Medicaid		Default	0.00%	0.00%	0.00%	
Commercial		Default	0.00%	0.00%	0.00%	
Self Pay		Default	0.00%	0.00%	0.00%	
Other		Default	0.00%	0.00%	0.00%	
Blue Cross		Default	0.00%	0.00%	0.00%	
Total % Patient Days by Payor			0.00%	0.00%	0.00%	
Patient Davs by Payor						
Medicare	0_1110	History	0	0	0	
Medicaid		History	0	0	0	
Commercial		History	0	0	0	
Self Pav		History	0	0	0	
Other		History	0	0	0	
Plue Cross		History	0		0	

Patient Days

			-				-
Rolling Forecast Deductions Calculator							
KHA Health For the Period Ending January 31, 2020							
Drivers REPlanGroup: EMC_Deductions	Data	FY 2020	FY 2020	FY 2020	FY 2020	FY 2020	FY 2020
Scenario: Default	Selection /	Dec	Oct - Dec	Jan	Feb	Mar	Jan - Mar
Save to Database? SAVE	Forecast	2019	Qtr2	2020	2020	2020	Qtr3
Default Forecast Method: Last Month	Method	Actual	Actual	Actual	Forecast	Forecast	Projected
Outpatient Visits OPVIsits Outpatient Visits K Visits		406	1.255	443	443	443	1 329
Check Total Outpatient Visits by Pavor	<u> </u>	0	0	0	-145	445	886
% Outpatient Visits by Payor							
Medicare		0.00%	0.00%	0.00%	100.00%	100.00%	100.00%
Medicaid	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Commercial	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Self Pay	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Blue Cross	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total % Outpatiant Visits by Payor		0.00%	0.00%	0.00%	100.00%	100.00%	100.00%
Outpatient Visits by Payor S_OPVisits							
Medicare	History	0	0	0	443	443	886
Medicaid	History	0	0	0	0	0	0
Commercial	History	0	0	0	0	0	0
Self Pay	History	0	0	0	0	0	0
Other	History	0	0	0	0	0	0
Blue Cross	History	0	0	0	0	0	0
I ← → → H \Control_FileProcessing /Summary Deductions /					1		

Visits/Registrations

Equivalent Patient Days and Summary Patient Revenue

These two sections contain summary information and common metric calculations. These values are useful for data validation and are also used when computing selected contractual values.

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tions	SAVE		Data	→ Equi	valent Patier	nt Days (EQPD)		FY 20 Oct - [Qtr4

Belling Fernest Deducti	one Celevieter									
Rolling Forecast Deduction	ons Calculator									
EMC Health										
For the Period Ending March 31, 2021										
RFPlanGroup: EMC Health								Current Period		
Deductions RFGroup: EMC_Deductions				FY 2020	FY 2020	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021
Scenario: Baseline				December	Oct - Dec	January	February	March	Jan - Mar	April
Save to Database?	SAVE	Data	Forecast	2020	Qtr4	2021	2021	2021	Qtr1	2021
Default Forecast Method:	3 Month Avg	Selection	Method	Actual	Actual	Actual	Actual	Actual	Actual	Forecast
Total Outpatient Visits by Payor				9,936	29,330	9,717	9,221	10,983	29,921	6,588
Equivalent Patient Days (EQPD)										
Equivalent Patient Day Factor				0.68	0.67	0.69	0.71	0.71	0.70	0.87
Patient Days				4,950	13,591	4,803	4,221	4,788	13,812	24,801
Outpatient EQPD				6,751	19,590	6,666	6,546	7,795	21,058	5,703
Total Equivalent Patient Days				11,701	33,181	11,469	10,767	12,583	34,870	30,503
Total Adjusted Admissions				2,522	7,495	2,340	2,388	2,859	7,584	1,144
Summary - Patient Revenue										
Inpatient Revenue				76,184,152	206,797,909	66,396,738	64,247,695	71,501,505	202,145,938	276,833,141
Inpatient Rate Increase from Driver table										0.00%
Average Charge per Admissions				71,400	67,361	67,752	68,641	65,718	67,292	297,670
Average Charge per Patient Day				15,391	15,216	13,824	15,221	14,933	14,636	11,162
Inpatient Reimbursement				21,246,391	55,962,157	15,898,324	15,325,261	18,019,166	49,242,751	21,776,705
Average Net per Admissions				19,912	18,229	16,223	16,373	16,562	16,392	23,416
Average Net per Patient Day				4,292	4,118	3,310	3,631	3,763	3,565	878
Outpatient Revenue				103,910,395	298,078,807	92,152,544	99,632,856	116,405,632	308, 191, 032	63,652,994
Outpatient Rate Increase from Driver table										0.00%
Average Charge per Visit				10,458	10,163	9,484	10,805	10,599	10,300	9,662
Outpatient Reimbursement				23,909,073	68,465,173	21,669,991	23,782,035	26,326,411	71,778,437	15,881,353
Average Net per Visit				2,406	2,334	2,230	2,579	2,397	2,399	2,411
Net Reimbursement				45,155,464	124,427,331	37,568,315	39,107,296	44,345,577	121,021,188	37,658,059
Net Reimbursement % of Gross Revenue				25.07%	24.65%	23.70%	23.86%	23.60%	23.71%	11.06%

Gross Revenue by Payor - Inpatient and Outpatient

These two are similar to the statistics section where the gross revenue by payor can be brought in via query from the forecast data tables if Actuals were posted by payor.

INSERT	PAGE LAYOUT	FORMULAS	DATA	REVIE	W VIEW	ADD-IN	IS TEAM	
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Model1 - For Do	ocumentation ×				\wedge	~/	\sim	+
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				 → Inpat → Outp → Inpat 	tient Gross F patient Gross tient Deduct	Revenue by Pa s Revenue by I tions by Payor	iyor Payor r	
	Admissions			→ Outp	atient Dedu	ictions by Pay	or	

If gross revenue is not by payor, then use the blue input fields to manually enter by payor.

IMPORTANT: If entering payor data manually, change the Data Selection from **History** to **Last Saved**. This will save the manually entered payor data to the RF_Deductions_20xx tables so that these values can be retrieved and you so that you do not lose your work.

Colling Forecast Deductions Calculator EMC Health For the Period Ending March 31, 2021 EMD represent McGroup: EMC Health Deductions REGroup: EMC Deductions Scenario: Issainlee Deductions Referoup: EMC Deductions Scenario: Issainlee Save to Database? Default Forecast Method: Default Forecast Method: Net Reinbursement Versage Net per Visit Net Reinbursement Versage Net per Visit Net Reinbursement Versage Net per Visit Versage Net per Visit Net Reinbursement Versage Net per Visit Net Reinbursement Versage Net per Visit Net Reinbursement Versage Net per Visit Net Reinbursement % of Gross Revenue Versage Net per Visit Net Reinbursement % of Gross Revenue Versage Net per Visit Net Reinbursement % of Gross Revenue Versage Net per Visit Net Reinbursement % of Gross Revenue Net Reinbursement % of Gross Revenue Versage Net per Visit Net Reinbursement % of Gross Revenue Versage Net per Visit Net Reinburse												
EMC (Health For the Period Ending March 31, 2021 FY 2021 March 31, 2021 FY 2021										ator	ns Calcula	Rolling Forecast Deduction
EMC Health For the Priod Ending March 31, 2021 Current Period RPPlankForup: EMC_Deductions Scenario: Baseline Save to Database? SAVE Default Forecast Method: 3 Month Avg Selection Method Actual Actual Actual Actual Actual Actual Net Reinbursement 2,396,073 64,455,173 21,669,991 Park Deriver Park 2,406 25,079 2,374 Net Reinbursement 45,155,464 124,467 23,369,073 25,079 2,375 25,079 2,377 25,079 2,376 25,079 2,376 25,079 2,376 25,079 2,376 25,079 2,376 25,079 2,376 23,066 23,076 24,659 23,376 25,079 24,659 25,079 24,659 26,074 23,864 2										acor	no carcare	noning i orecuse becaceror
For the Period Ending March 31, 2021 Current Period Current Period PY 2020 PY 2021 PY 2021 PY 2021 March 31, 2021 BPRIanGroup: EMC Leadsh March 31, 2021 April 40, 2021 Actual												EMC Health
Current Period Current Period Current Period Current Period PY 2021 PY 2021 </td <td></td> <td>For the Period Ending March 31, 2021</td>												For the Period Ending March 31, 2021
Deductions RFGroup: RMC_Deductions FY 2021 FY			Current Period									RFPlanGroup: EMC Health
Scenario: Baseline Save to Database? SAVE Data Selection Precast Method Occumber 2021 Occumber 2021 Genuary 2021 March 2021 January 2021 March Actual January 2021 March Actual January 2021 March Actual January 2021 March Actual January Actual March Actual January Actual March Actual January Actual January Actual March Actual January Actual March Actual January Actual March Actual January Actual January	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021	FY 2020	FY 2020					Deductions RFGroup: EMC_Deductions
Save to Database? SAVE Data Forecast 2020 Qtv4 2021 2021 Q021 Q02	April	Jan - Mar	March	February	January	Oct - Dec	December					Scenario: Baseline
Default forecast Method: 3 Month Arg Selection Method Actual Actu	2021	Qtr1	2021	2021	2021	Qtr4	2020	Forecast	Data	VE	SAV	Save to Database?
Outpatient Reimbursement 23,909,073 66,455,173 21,069,991 23,782,055 26,328,411 71,778,437 15,81,55 Average Nt per Visit 2,406 2,334 2,230 2,579 2,399 2,411 Net Reimbursement 45,155,464 124,427,331 37,568,315 39,107,296 44,345,577 121,021,1188 37,568,051 Inoatient Gross Revenue 25,07% 24,65% 23,70% 23,80% 23,30%,50% 23,30%,50% 23,30%,50% 23,30%,50% 23,30%,50% 23,30%,50% 23,30%,50% 23,30%,50% <t< td=""><td>Forecast</td><td>Actual</td><td>Actual</td><td>Actual</td><td>Actual</td><td>Actual</td><td>Actual</td><td>Method</td><td>Selection</td><td>ith Avg</td><td>3 Mont</td><td>Default Forecast Method:</td></t<>	Forecast	Actual	Actual	Actual	Actual	Actual	Actual	Method	Selection	ith Avg	3 Mont	Default Forecast Method:
Average Net by or Visit 2,496 2,334 2,230 2,579 2,397 2,397 2,398 37,588,157 Net Reimbursement 405,155,464 12,4247,233 37,568,157 12,102,1188 37,658,157 12,102,1188 37,658,157 12,102,1188 37,658,157 11,067 Incalient Gross Revenue by Pavor R PIBer IP Compute 37,568,157 13,006,529 33,199,946 44,357,758 13,306,529 13,306,529 33,199,946 46,375,752 33,006,229 33,199,946 46,375,752 33,006,229 33,199,946 46,375,752 33,006,229 10,237,544 9,393,566 10,237,544 9,393,566 10,320,6429 10,237,544 9,393,566 10,320,6429 46,375,321 52,494,316 22,72,490 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643 10,237,643,237,543 10,246,553 <	15,881,353	71,778,437	26,326,411	23,782,035	21,669,991	68,465,173	23,909,073					Outpatient Reimbursement
Net Reinbursement 45.155.461 124.427.331 37.568.315 39.107.296 44.345.577 121.021.188 37.688.051 Het Reinbursement % of Gross Revenue 25.07% 24.65% 23.70% 23.80% 23.70% 11.06% Innatient Gross Revenue by Pavor R PIRev IP Compute 11.06% Medicare Advantage Hittory 19.506,926 43.961,495 14.554,758 13.006,929 33.199,948 45.075,924 Medicare Advantage Hittory 19.506,926 43.961,495 10.237,964 9.935,566 13.006,929 33.199,948 45.075,924 Contracts and Commercial Hittory 27.72,2071 12.928,920 12.21,2800 10.237,961 32.245,314 52.904,635 Contracts and Commercial History 27.472,268 71,781,710 19.859,093 21.675,694 2.565,032 6.356,571 9.046,375 Health Network History 2.359,129 7.729,071 2.065,855 1.767,654 2.565,032 6.356,571 9.046,375 Others 3.3216,5	2,411	2,399	2,397	2,579	2,230	2,334	2,406					Average Net per Visit
Net Reimburgement % of Gross Revenue 25.07% 24.65% 23.07% 23.60% 23.71% 11.061 Innational Gross Revenue by Pavor R. PIBer IP Compute 11.061 Medicare Advantage Medicare Advantage (Medicare Advantage (Medicare Advantage (Medicare Advantage) 14.554,758 13.858.699 15.881,144 42.271,891 57.556,307 Medicare Advantage (Medicare Advantage) 11.006,756 30.673,694 10.237,964 10.231,961 32.175,59.99 61,640,220 73.192,557 13.052,496 10.231,961 32.175,59.99 61,640,220 73.182,556 13.000,493 10.231,961 32.175,939 61,640,220 73.182,556 13.201,926,356 13.201,926,356 13.202,452,356 13.202,452,356 13.202,452,356 13.202,452,356 13.202,452,356 13.202,452,357 13.202,452,357 13.202,452,357 13.202,452,357,571,92,90,977 10.182,244 10.231,961 32.165,202 6.335,471 9.204,571,422,420 7,789,071 2.924,458 13.202,256 7,799,077 10.182,244 10.231,961 32.165,202 6.335,471 9.204,203 7,799,077 10.182,244 10.231,961 32.165,202 6.336,77 2.201,35	37,658,059	121,021,188	44,345,577	39,107,296	37,568,315	124,427,331	45,155,464					Net Reimbursement
Incatient Gross Revenue by Pavor R. PIRev. IP Medicare Mitory 19,506,926 43,961,495 14,554,758 13,035,999 15,881,144 44,271,091 57,456,30 Medicare Me	11.06%	23.71%	23.60%	23.86%	23.70%	24.65%	25.07%					Net Reimbursement % of Gross Revenue
Indication R. PRev. IP Compute Medicare 19.506,926 43,961,495 14,554,758 13.833,969 15,881,144 44,271,891 57,456.03 Medicare Advantage 19.506,926 43,961,495 14,554,758 13.833,969 13,006,929 33,199,946 45,755,921 Medicare Advantage History 9,624,316 28,722,901 12,212,860 10,030,493 10,231,961 32,745,314 52,904,651 Contracts and Commercial History 9,624,316 28,732,901 12,212,860 10,300,493 10,231,961 32,745,314 52,904,651 Health Network 19,506,526 33,993,903 2010,5286 1,575,359 61,440,290 78,182,331 Health Network 11,145,40 2,555,129 7,729,071 2,063,5671 9,0483 1,593,296 7,799,097 10,182,244 Others 3,3216,502 11,344,0171 3,632,875 3,722,632 5,787,816 13,143,324 17,250,002 Total Inpatient Gross Revenue by Payor 76,184,152 206,797,999 66,396,738 64,247,695 <td></td>												
Medicare History 19,506,925 43,961,495 14,554,758 13,833,989 15,881,144 44,271,891 57,456,30 Medicare Advantage History 10,066,756 30,873,094 10,237,364 9,935,656 13,006,929 33,199,948 46,375,921 Medicare Advantage History 9,624,316 22,72,201 11,212,880 10,030,493 10,030,493 10,0231,961 32,745,314 52,046,561 Contracts and Commercial History 2,247,262 7,176,170 19,585,003 20,105,258 21,675,399 61,644,202 71,90,204 2,565,002 6,395,671 9,044,87 Health Plans 54f Pay 23,319,433 9,206,977 2,013,635 1,770,054 2,565,002 6,395,671 9,044,87 History 53,349,333 9,206,977 2,013,635 1,790,907 10,182,244 3,394,338 9,206,977 2,013,632 5,787,816 13,143,324 17,250,002 Colters 3,216,502 11,340,171 3,652,675 3,722,652 5,787,816 13,143,324 17,250,002 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Compute</td> <td></td> <td></td> <td>R PtRev IP</td> <td>Inpatient Gross Revenue by Pavor</td>								Compute			R PtRev IP	Inpatient Gross Revenue by Pavor
Medicare Advantage Hittory 19,506,526 43,541,95 14,545,755 13,835,999 15,881,144 44,271,891 57,756,30 Medicare Advantage Hittory 10,066,756 30,073,364 10,237,364 10,237,961 13,006,926 33,909,991 54,351,492 44,271,891 57,256,30 Medicare Advantage Hittory 9,824,316 26,72,201 11,227,264 10,300,493 10,237,961 32,274,314 52,394,651 Contracts and Commercial Hittory 27,472,262 71,781,710 19,859,093 22,015,258 26,635,617 9,048,216 Health Network Hittory 2,359,129 7,724,071 2,083,385 1,760,04 2,556,022 6,336,71 9,048,216 Self Pay Hittory 52,32,879 3,171,691 11,148,408 13,103,296 7,799,097 10,182,244 Others Hittory 53,216,502 11,344,0171 3,63,2875 3,722,632 5,787,816 13,143,324 172,50,002 Tobal Inpatient Gross Revenue by Payor 76,184,152 206,787,999 66,396,738												
Heidrage Hittory 10,066,756 30,873,849 10,273,746 9,935,656 13,006,299 33,199,948 44,573,52 Medicaid (5,017,624) 9,824,316 22,04,029 10,22,12,80 10,23,935,656 11,30,06,279 33,199,948 44,5,75,92 Medicaid (5,017,612,616) 28,722,901 12,221,280 10,23,949 10,23,949 45,075,92 Heath Network History 27,472,262 7,750,071 2,065,395 1,767,054 2,565,032 6,395,671 9,99,476 10,84,97 Heath Network History 2,359,129 7,729,071 2,063,595 1,767,054 2,565,032 6,395,671 9,99,476 10,84,97 Heath Plan: 9,39,676 3,944,333 9,206,977 2,013,633 1,500,266 7,79,907 10,014,97 Self Pay History 523,879 3,171,691 1,114,840 996,176 649,388 2,950,403 5,395,985 Others 3,216,502 1,340,171 3,652,875 3,172,652 5,787,816 13,143,324 17,250,002	57,456,301	44,271,891	15,881,144	13,835,989	14,554,758	43,961,495	19,506,926	*	History	•		Medicare
Medicial Hittory 9,624,316 22,723,901 12,212,800 10,231,961 32,745,314 52,945,50 Contracts and Commercial Hittory 22,742,262 7,712,110 19,858,093 20,105,265 21,675,939 61,440,207 73,824,905 73,944,955 21,675,939 61,440,207 73,924,955 73,970,954 22,655,932 6,395,671 9,044,877 9,044,877 9,044,877 9,044,877 9,044,877 1,012,244 9,094,877 1,012,244 9,394,383 9,266,977 2,701,363 3,394,488 1,502,296 1,102,244 9,039,4976 10,182,244 3,216,502 11,344,0171 3,632,875 3,722,682 5,787,816 13,143,324 17,250,007 10,182,244 3,216,502 11,344,0171 3,632,875 3,722,682 5,787,816 13,143,324 17,250,007 10,182,344 17,250,007 13,143,324 17,250,007 13,143,324 17,250,007 13,143,324 17,250,007 13,143,324 17,250,007 13,143,324 17,250,007 13,143,324 17,250,007 13,143,125 20,145,938 276,633,141 14,14	46,375,928	33, 199, 948	13,006,929	9,935,656	10,257,364	30,873,894	10,086,756		History			Medicare Advantage
Contrasts and Commercial History 27,472,282 71,781,710 19,859,093 20,105,258 21,675,399 61,642,290 77,81,671 Heath Network 2,359,129 7,728,071 2,043,365 1,767,047 2,263,365 1,767,047 2,263,365 1,767,047 2,043,365 1,767,047 2,043,055 1,769,071 2,043,055 1,769,071 2,043,057 2,013,63 3,594,438 1,500,296 7,799,077 10,182,244 History 523,879 3,711,691 1,114,840 965,176 649,438 2,950,030 5,399,438 1,250,043 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 2,350,303 5,399,438 1,343,324 17,250,003 For langleight Gross Revenue by Payor 76,184,152 206,797,399 66,396,738 64,247,695	52,904,650	32,745,314	10,231,961	10,300,493	12,212,860	28,732,901	9,624,316		History			Medicaid
Health Network History 2,359,129 7,720,71 2,063,805 1,776,7054 2,256,022 6,395,671 9,044,87 Health Plans 54f Pay 3,394,333 9,206,977 2,701,363 1,594,483 1,503,296 7,790,094 7,290,097 10,182,244 Others History 53,23,879 3,171,691 1,114,440 996,176 643,888 2,590,403 5,395,493 0,595,293 0,595,293 1,3143,324 17,250,002 Others 3,216,502 1,340,171 3,652,875 3,722,652 5,787,816 13,143,324 17,250,002 Total Inpatient Gross Revenue by Payor 76,184,152 206,787,599 66,396,738 64,247,695 71,501,505 202,145,938 276,633,141	78,182,358	61,640,290	21,675,939	20,105,258	19,859,093	71,781,710	27,472,262		History			Contracts and Commercial
Heath Plans History 3,394,383 9,206,977 2,701,363 3,594,488 1,502,266 7,799,097 10,182,24 SetP Pay 532,879 3,171,691 1,114,840 996,176 649,838 2,96,093 51,982,24 Others 3,216,502 11,344,0171 3,632,875 3,722,652 5,787,816 13,143,324 17,250,802 Total Inpatient Gross Revenue by Payor 76,184,152 206,797,909 66,396,738 64,247,695 71,501,505 202,145,938 276,833,141	9,084,872	6,395,671	2,565,032	1,767,054	2,063,585	7,729,071	2,359,129		History			Health Network
Self Pay Others 1,114,840 996,176 849,388 2,950,403 5,395,98 Others 3,216,502 11,340,171 3,632,675 3,722,632 5,787,816 13,143,324 17,250,802 Total Inpatient Gross Revenue by Payor 76,184,152 206,797,909 66,396,738 64,247,695 71,501,505 202,145,938 276,833,141	10,182,246	7,799,097	1,503,296	3,594,438	2,701,363	9,206,977	3,394,383		History			Health Plans
Others History 3.216,502 11,340,171 3,632,875 3,722,632 5,787,816 13,143,324 17,250,802 Total Inpatient Gross Revenue by Payor 76,184,152 206,797,909 66,396,738 64,247,695 71,501,505 202,145,938 276,833,141	5,395,985	2,950,403	849,388	986,176	1,114,840	3,171,691	523,879		History			Self Pay
Total Inpatient Gross Revenue by Payor 66,396,738 64,247,695 71,501,505 202,145,938 276,833,141	17,250,802	13,143,324	5,787,816	3,722,632	3,632,875	11,340,171	3,216,502		History			Others
Total Inpatient Gross Revenue by Payor 66,396,738 64,247,695 71,501,505 202,145,938 276,833,14										1		
	276,833,141	202,145,938	71,501,505	64,247,695	66,396,738	206,797,909	76,184,152					Total Inpatient Gross Revenue by Payor
Outpatient Gross Revenue by Payor R_PtRev_OP Compute								Compute			R_PtRev_OP	Outpatient Gross Revenue by Payor
									_			
Medicare 24,660,307 70,005,279 22,688,641 24,663,928 29,349,626 76,702,194 15,127,402	15,127,405	76,702,194	29,349,626	24,663,928	22,688,641	70,005,279	24,690,307		History	1		Medicare
Medicare Advantage History 15,418,715 43,320,288 14,528,458 15,326,167 19,368,664 49,223,289 9,606,607	9,606,606	49,223,289	19,368,664	15,326,167	14,528,458	43,320,288	15,418,715		History			Medicare Advantage
Medicald History 11,840,321 34,406,787 10,935,422 12,463,675 13,203,139 36,602,237 8,072,803	8,072,805	36,602,237	13,203,139	12,463,675	10,935,422	34,406,787	11,840,321		History			Medicaid
Contracts and Commercial History 34,848,360 96,918,013 27,676,076 30,646,387 36,251,190 94,573,654 19,770,139	19,770,139	94,573,654	36,251,190	30,646,387	27,676,076	96,918,013	34,848,360		History			Contracts and Commercial
Health Network History 5,026,569 15,403,865 4,264,990 4,424,108 5,025,570 13,714,667 3,194,390	3, 194, 390	13,714,667	5,025,570	4,424,108	4,264,990	15,403,865	5,026,569		History			Health Network
Health Plans 2,064,435 6,491,318 1,793,711 2,473,383 2,526,576 6,793,670 1,494,847	1,494,840	6,793,670	2,526,576	2,473,383	1,793,711	6,491,318	2,064,435		History			Health Plans
Self Pay History 1,225,775 3,205,672 1,549,488 1,100,917 896,764 3,547,168 1,266,507	1,268,507	3,547,168	896,764	1,100,917	1,549,488	3,205,672	1,225,775		History	1		Self Pay
Others History 8,795,913 28,327,586 8,715,758 8,534,291 9,784,104 27,034,153 5,118,302	5,118,302	27,034,153	9,784,104	8,534,291	8,715,758	28,327,586	8,795,913		History	1		Others
										1		
Total Outpatient Gross Revenue by Payor 103,910,395 298,078,807 92,152,544 99,632,856 116,405,632 308,191,032 63,652,994	63,652,994	308,191,032	116,405,632	99,632,856	92,152,544	298,078,807	103,910,395					Total Outpatient Gross Revenue by Payor

Using the Compute or Forecast selection: Located at the top line of the Inpatient and Outpatient revenue sections is a green dropdown box under the Forecast Method column. This option is used for the values in the Forecast columns on gross revenue. The two choices are **Compute** and **Forecast**.

- **Compute**: This is the most common option selected. When used for Inpatient, the forecasted gross charge will be a calculation of Total Gross Charge per Patient Day multiplied by the payor patient days. For example, if the average charge per patient day is \$11,162 and the forecasted patient days for Medicare is 5,147, then \$11,162 x 5,147 = \$57,456,301 Medicare gross charge for the forecasted month.
- Forecast: If set to Forecast, then the AQ will query the RF_Forecast_20xx tables to return the gross charges by payor from all related plan files.

NOTE: This option would expect that plan files were built using the payor dimension and that all gross charges in the plan files contain the payor level forecast. Most clients are not using this approach, which is why the more common setting is Compute.

Deductions by Payor – Inpatient and Outpatient

These two are similar to the gross revenue section where the deductions by payor can be queried in from the forecast data tables if Actuals were posted by payor.



If deductions are not by payor, then you can use the blue input fields to manually enter by payor.

IMPORTANT: If entering payor data manually, change the Data Selection from **History** to **Last Saved**. This will save the manually entered payor data to the RF_Deductions_20xx tables so that these values can be retrieved and so that you do not lose your work.

Rolling Forecast Deductions	Calculator									
EMC Health										
For the Period Ending March 31, 2021										
REPlanGroup: EMC Health								Current Period		
Deductions REGroup: EMC Deductions				FY 2020	FY 2020	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021
Scenario: Baseline				December	Oct - Dec	January	February	March	Jan - Mar	April
Save to Database?	SAVE	Data	Forecast	2020	Otr4	2021	2021	2021	Otr1	2021
Default Forecast Method:	3 Month Avg	Selection	Method	Actual	Actual	Actual	Actual	Actual	Actual	Forecast
Total Gross Revenue				180,094,546	504,876,716	158,549,282	163,880,550	187,907,137	510,336,970	340,486,135
Inpatient Deductions by Payor	D_IP									
Medicare		History		16 156 692	26 271 042	10 507 900	11 714 402	12 705 214	27 049 545	40 222 617
Medicare Advantage		History		0,150,005	25 625 142	12,521,029	0.100.000	11,001,070	27 725 260	49,220,017
Medicale Advantage		ristory		0,400,000	23,023,142	0,500,542	0,190,009	0,705,020	27,725,500	44,019,760
Contracts and Commercial		History		1,407,400	41 510 026	11,700,654	9,529,591	0,795,050	20,001,001	51,566,726
Contracts and Commercial		History		15,804,479	41,519,026	11,789,654	11,055,762	12,326,912	55,172,520	69,617,404
Health Network		ristory		1,000,517	0,104,737	1,700,450	1,905,012	1,770,191	3,320,440	0,024,929
Field Plans		History		5,089,851	0,095,090	2,381,363	3,471,921	1,213,849	634.902	9,954,630
Self Pay		History		11,001	000,027	89,394	348,795	186,704	024,095	4,675,111
ones		History		2,195,865	0,250,000	2,940,745	2,041,312	4,460,554	10,242,009	16,372,256
Tatal Innations Deductions by Davor				54 937 760	150 835 752	50 498 415	48 922 434	53 482 330	152 003 187	255 056 435
Total inpatient Deductions by Payor				54,551,100	150,055,152	50,450,415	40,522,454	55,462,555	152,505,107	255,050,455
Outpatient Deductions by Payor	D OP									
Medicare		History		20.772.400	58,991,551	18.940.190	20.558.910	24.771.032	64,270,133	12.352.203
Medicare Advantage		History		13.223.233	37,021,350	12,137,505	12,797,388	16.398.182	41,333,075	7.825.265
Medicaid		History		10.179.667	29,576,934	10.045.115	10.741.737	11.299.840	32,086,692	7.087.013
Contracts and Commercial		History		22,937,648	62,446,653	17.230.144	18,961,861	23.057.952	59,249,956	11.985.363
Health Network		History		4,140,233	12,769,607	3,448,339	3,598,711	4,167,398	11,214,448	2,641,939
Health Plans	1	History		1,669,706	5,517,006	1,854,483	2,195,812	2,145,487	6,195,782	1,373,029
Self Pay	1	History		59,620	(123,753)	(70,955)	(23,554)	(81, 135)	(175,644)	451,646
Others	1	History		7,018,815	23,414,286	6,897,731	7,019,956	8,320,466	22,238,153	4,055,184
L	_						//	,,		
Total Outpatient Deductions by Payor				80,001,322	229,613,634	70,482,553	75,850,821	90,079,221	236,412,595	47,771,641

Deductions by Payor

The rest of the GoTo menu is for all the detailed deduction payor blocks:



There are four calculation methods that are repeated for each occurrence of a payor. Two are specific to Medicare (Medicare Inpatient and Medicare Outpatient) and two are for all other payors.

Medicare Inpatient: This deduction block is the most expansive and complex. As this is often a subject matter topic commonly involving an organization's Reimbursement experts, we will only highlight this calculation method. But this calculation method will contain most all the needed component calculations to forecast expected Medicare reimbursement, such as % of charge, or case, or DRG options. DRG Reimbursement section for DRG Base Rate, Case Mix Index, Outlier payments, DSH Payments, Capital Payments, IME Payments and more.

Rolling Forecast Deductions Calculator								
EMC Health								
For the Period Ending March 31, 2021								
RFPlanGroup: EMC Health						Current Period		
Deductions RFGroup: EMC_Deductions		FY 2020	FY 2020	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021
Scenario: Baseline		December	Oct · Dec	January	February	March	Jan - Mar	April
Save to Database? SAVE D	ata Forecast	2020	Qtr4	2021	2021	2021	Qtr1	2021
Default Forecast Method: 3 Month Avg Sele	ection Method	Actual	Actual	Actual	Actual	Actual	Actual	Forecast
Medicare Reimbursement								
Inpatient - Medicare %	Chrg							
Admissions		162	439	168	148	165	481	137
Patient Days		1,203	2,819	1,041	882	943	2,866	5,147
Charge per Admissions	S	\$ 120,413 [°] \$	297,337	\$ 86,635	\$ 93,486 \$	96,249 S	276,371 \$	418,481
% of Charges De	fault	17.17%	17.49%	13.93%	15.33%	13.69%	14.28%	14.32%
Per Diem	S	\$ 2,784.91 \$	8,136.83	\$ 1,947.10	\$ 2,405.43 \$	2,306.29 \$	6,658.81 \$	2,219.60
Per Case		20,680.51	17,516.06	12,065.05	14,335.05	13,180.79	13,146.25	13,193.63
Case Mix Index (reg'd for Per Case)		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DRG Reimbursement								
DRG Base Rate De	fault	\$20,681	\$17,516	\$12,065	\$14,335	\$13,181	\$13,146	\$13,181
CMS Adjustment De	fault				0.00%	0.00%		0.00%
Case Mix Index		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000
CMI Weighted DRG Rate		\$20,680.51	\$17,516.06	\$12,065.05	\$14,335.05	\$13,180.79	\$13,146.25	\$0
					0	0		
% of Outlier Payments (& Other) De	fault	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Outlier Payment per Discharge		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Outlier Reimbursement (\$000s)		\$0	\$0	\$0	S0	so	\$0	\$0
DRG Rate with Outliers		\$20,681	\$51,914	\$12,065	\$14,335	\$13,181	\$39,581	\$0
					0	0		
DSH Payment (Total) De	fault	\$0	\$0	\$0	S0	S0	\$0	\$0
DSH Payment % De	fault	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
						_		
DRG Reimbursement (\$000s)		\$3,350,243	\$7,689,552	\$2,026,928	\$2,121,587	\$2,174,830	\$6,323,346	\$0
					0	0		
Capital Payments (Total)		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Payment Rate per Discharge De	fault	\$0	\$0	\$0	\$0	\$0	50	\$0
					0	0		

Once all reimbursement assumptions are entered, there is a subtotal section for Medicare Inpatient that summarizes Gross Charges, Deductions, Net Revenue, and Net Revenue %.

Capital Payment Rate per Discharge		Default	5 0	\$0 [°]	\$0	\$0 °	50	\$0 [°]	\$0 .
						0	0		
Indirect Medical Education Payments						0	0		
Resident FTEs (for IME calculations)		Default	0	0	0	0	0	0	0
Medicare Available Beds		Default	0	0	0	0	0	0	0
Preliminary Residents per Bed Calculation			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Resident Cap		Default	. 0	0	0	0	0	0	0
Residents per Bed Cap		Default	0	0	0	0	0	0	0
Reduction Due to Resident Cap			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Net Residents per Bed			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
IME Adjustment Factor	1.890	Default	1.890	1.890	1.890	1.890	1.890	1.890	1.890
Base IME Payment (\$000s)	0.405		0 *	0	0	0	0 1	0	0
% Reduction in IME Payments		Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjusted IME Reimbursement (\$000s)			\$0	\$0	\$0	\$0	\$0	\$0	\$0
						0	0		
Bad Debt Reimbursement		LastSaved	0	0	0	0	0	0	1,000
Other IP Medicare Payment		LastSaved	0	0	0	0	0	0	2,000
IP Net Revenue Adjustment		LastSaved	0	0	0	0	0	0	3,000
Reimbursement									
% of Charges			3,350,243	7,689,552	2,026,928	2,121,587	2,174,830	6,323,346	8,226,684
Per Case (CMI Adj)			0	0	0	0	0	0	0
Per Diem			0	0	0	0	0	0	0
DRG Reimbursement			0	0	0	0	0	0	0
IP Gross Revenue - Medicare			19,506,926	43,961,495	14,554,758	13,835,989	15,881,144	44,271,891	57,456,301
IP Deductions - Medicare			16,156,683	36,271,943	12,527,829	11,714,402	13,706,314	37,948,545	49,223,617
IP Net Revenue - Medicare			3,350,243	7,689,552	2,026,928	2,121,587	2,174,830	6,323,346	8,232,684
IP % of IP Gross Revenue			17.17%	17.49%	13.93%	15.33%	13.69%	14.28%	14.33%

Medicare Outpatient: This deduction calculation method is less detailed yet contains options to select the net reimbursement method based on % of Charge or Visit. All deduction calculation method blocks contain adjustment fields to modify the final outcomes as needed.

Note that in the following image, there is a summary section for Medicare Outpatient gross charges, deductions, and net revenue, as well as a final section total for combined Medicate Inpatient and Outpatient.

Rolling Forecast Deductions	Calculator									
EMC Health										
For the Period Ending March 31, 2021										
RFPlanGroup: EMC Health								Current Period		
Deductions RFGroup: EMC_Deductions				FY 2020	FY 2020	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021
Scenario: Baseline				December	Oct - Dec	January	February	March	Jan - Mar	April
Save to Database?	SAVE	Data	Forecast	2020	Qtr4	2021	2021	2021	Qtr1	2021
Default Forecast Method:	3 Month Avg	Selection	Method	Actual	Actual	Actual	Actual	Actual	Actual	Forecast
IP Gross Revenue - Medicare				19,506,926	43,961,495	14,554,758	13,835,989	15,881,144	44,271,891	57,456,301
IP Deductions - Medicare				16,156,683	36,271,943	12,527,829	11,714,402	13,706,314	37,948,545	49,223,617
IP Net Revenue - Medicare				3,350,243	7,689,552	2,026,928	2,121,587	2,174,830	6,323,346	8,232,684
IP % of IP Gross Revenue				17.17%	17.49%	13.93%	15.33%	13.69%	14.28%	14.33%
Outpatient - Medicare		Visit						,		
Visits				2,353	6,692	2,318	2,169	2,627	7,114	1,566
% of Charges				15.87%	47.17%	16.52%	16.64%	15.60%	48.77%	16.26%
Per Visit		LastSaved		1,800.00	5,345.07	1,800.00	1,800.00	1,800.00	5,400.00	1,772.54
OP Net Revenue Adjustment		Default		0	0	0	0	0	0	0
Reimbursement										
% of Charges				0	0	0	0	0	0	0
Per Visit				3,917,907	11,013,728	3,748,450	4,105,017	4,578,594	12,432,062	2,775,202
OP Gross Revenue - Medicare				24,690,507	70,005,279	22,688,641	24,663,928	29,349,626	76,702,194	15,127,405
OP Deductions - Medicare				20,772,400	58,991,551	18,940,190	20,558,910	24,771,032	64,270,133	12,352,203
OP Net Revenue - Medicare				5,917,907	11,015,726	5,740,450	4,105,017	4,570,594	12,452,002	2,115,202
OP % of OP Gross Revenue				15.87%	15./3%	16.52%	16.64%	15.60%	16.21%	18.35%
Total Medicare										
Grore Revenue				44 197 233	113 966 774	37 243 308	38 /00 017	45 230 770	120 974 085	72 583 705
Deductions				36 929 084	95 263 494	31 468 020	32 273 312	38 477 346	102 218 678	61 575 820
Net Pavenue				7 268 149	18 703 280	5 775 370	6 226 605	6 753 424	18 755 407	11 007 885
% of Gross Pavanue				16 44%	16,41%	15 5194	16 17%	14 93%	15 50%	15 17%
76 OF GLOSS Revenue				10.4476	10.4170	13.3176	10,1776	14.53%	13.30%	15.1776

All Other Payors: The two other deduction calculation method blocks are used for all other payors. Like the Medicare blocks, there is an Inpatient and Outpatient calculation method. Both will combine into one contiguous section by payor displaying Inpatient, Outpatient, and Combined totals for gross charges, deductions, and net revenue and % reimbursement.

Rolling Forecast Deductions	Calculator										
ENG Uselle											
ENIC Health For the Deriod Ending March 21, 2021											
PEDianGroup: EMC Health									Counter Device of		
Deductions REGroup: EMC Deductions				FY	2020	FY 2020	FY 2021	FY 2021	EX 2021	FY 2021	EV 2021
Scenario: Baseline				Dec	rember	Oct - Dec	lanuary	February	March	lan - Mar	April
Save to Database?	SAVE	Data	Forecast	2	2020	Otr4	2021	2021	2021	Otr1	2021
Default Forecast Method:	3 Month Avg	Selection	Method	A	ctual	Actual	Actual	Actual	Actual	Actual	Forecast
% of Gross Revenue	Shiohany				18.06%	14 77%	11 35%	11.83%	14 25%	12 49%	3,81%
a or oros revenue					10.0070	141113	113376	110570	1412370	12,4575	5.0170
Contracts and Commercial Reimbursement											
Inpatient - Contracts and Commercial		Case									
Admissions					431	1,205	350	337	400	1,087	351
Patient Days					1,673	4,420	1,359	1,153	1,394	3,906	7,004
Charge per Admissions				s	63,741 \$	59,570	5 56,740 S	59,660 \$	54,190 S	56,707 \$	\$ 222,974 \$
% of Charges					42.47%	42.56%	40.63%	45.01%	43.13%	42.86%	42.92%
Per Case		Default			27,071.42	25,106.22	23,055.54	26,853.10	23,372.57	24,346.20	24,427.07
Case Mix Index (reg'd for Per Case)		Default			1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Per Diem					6,974.17	6,841.83	5,937.78	7,848.65	6,706.62	6,797.09	6,831.02
Number of Members		•			0	0	0	0	0	0	0
Per Member Per Month		•			0	0	0	0	0	0	0
Use Rate (Days/1000)					0	0	0	0	0	0	0
IP Net Revenue Adjustment		Default			0	0	0	0	0	0	0
Reimbursement					_						
% of Charges					0	0	0	0	0	0	0
Per Case (CMI Adj)					11,667,783	30,262,684	8,069,440	9,049,496	9,349,027	26,467,962	8,564,954
Per Diem					0	0	0	0	0	0	0
Capitated				_	0.	0	0	0		0	
IP Gross Revenue - Contracts and Commercial					27,472,262	71,781,710	19,859,093	20,105,258	21,675,939	61,640,290	78,182,358
IP Deductions - Contracts and Commercial					15,804,479	41,519,026	11,789,654	11,055,762	12,326,912	35,172,328	69,617,404
IP Net Revenue - Contracts and Commercial					11,667,783	30,262,684	8,069,440	9,049,496	9,349,027	26,467,962	8,564,954
IP % of IP Gross Revenue					42.47%	42.16%	40.63%	45.01%	43.13%	42.94%	10.96%

Commercial Inpatient reimbursement block example

Schoolingh, Contracts and Companying	Vicit							
Visite	VISIC	3,333	9,599	3,020	2,822	3,459	9,301	2,046
% of Charges	*	34.18%	35.60%	37.74%	38.13%	36.39%	37.40%	37.42%
Per Visit	Default	3,573.57	3,590.78	3,458.92	4,140.51	3,814.18	3,793.34	3,804.54
Number of Members	*	0	0	0	0	0	0	0
Per Member Per Month	*	0	0	0	0	0	0	0
Use Rate (Visits/1000)	3 Month Avg	0	0	0	0	0	0	0
OP Net Revenue Adjustment	Default	0	0	0	0	0	0	0
Reimbursement		_						
% of Charges		0	0	0	0	0	0	0
Per Visit		11,910,712	11,501,203	10,445,932	11,684,527	13,193,238	11,777,567	7,784,777
Capitation		0	0	0	0	0	0	0
OP Gross Revenue - Contracts and Commercial		34,848,360	96,918,013	27,676,076	30,646,387	36,251,190	94,573,654	19,770,139
OP Deductions - Contracts and Commercial		22,937,648	62,446,653	17,230,144	18,961,861	23,057,952	59,249,956	11,985,363
OP Net Revenue - Contracts and Commercial		11,910,712	34,471,360	10,445,932	11,684,527	13,193,238	35,323,697	7,784,777
OP % of OP Gross Revenue		34.18%	35.57%	37.74%	38.13%	36.39%	37.35%	39.38%
Tatal Contracts and Commercial								
Gross Revenue		62 320 622	168 699 723	47 535 169	50 751 645	57 927 129	156 213 943	97 952 497
Deductions		38 742 127	103 965 679	29.019.798	30.017.622	35 384 864	94 422 284	81 602 767
Net Revenue		23 578 495	64 734 044	18 515 372	20 734 022	22 542 265	61 791 659	16 349 731
% of Gross Revenue		37.83%	38.37%	38.95%	40.85%	38.91%	39.56%	16.69%
L								

Commercial Outpatient reimbursement block example

The primary reimbursement calculation options for Inpatient include:

- % of Charges Reimbursement percent to payor gross charges
- Case Net revenue per payor admission
- **Diem** Net revenue per payor patient day for
- **PMPM** Net revenue per member per month

Rolling Forecast Deductions (EMC Health For the Period Ending March 31, 2021 RPPlanGroup: EMC Health	Calculator							Current Period		
Deductions RFGroup: EMC_Deductions				FY 2020	FY 2020	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021
Scenario: Baseline				December	Oct - Dec	January	February	March	Jan - Mar	April
Save to Database?	SAVE	Data	Forecast	2020	Qtr4	2021	2021	2021	Qtr1	2021
Default Forecast Method:	3 Month Avg	Selection	Method	Actual	Actual	Actual	Actual	Actual	Actual	Forecast
Contracts and Commercial Reimbursement npatient - Contracts and Commercial Admissions	•	Case	-	4	1 1 205	350	337	400	1.087	351
Patient Days		Diem		1.6	4.420	1.359	1,153	1.394	3.906	7.004
Charge per Admissions		LEWEM		\$ 63,7	1 \$ 59,570	\$ 56,740	\$ 59,660	\$ 54,190	\$ 56,707	\$ 222,974
% of Charges				42.4	% 42.56%	6 40.63%	45.01%	43.13%	42.86%	42.92%
Per Case		Default		27,071.	25,106.22	23,055.54	26,853.10	23,372.57	24,346.20	24,427.07
Case Mix Index (reg'd for Per Case)		Default		1.00	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Per Diem				6,974.	17 6,841.83	5,937.78	7,848.65	6,706.62	6,797.09	6,831.02
Number of Members					0 0	0	0	0	0	0
Per Member Per Month				L	0 0	0	0	0	0	0

The primary reimbursement calculation options for Outpatient include:

- % of Charges Reimbursement percent to payor gross charges
- Visit Reimbursement amount per payor visit

• **PMPM** – Net revenue per member per month

Rolling Forecast Deductions	Calculator											
EMC Health												
For the Period Ending March 31, 2021												
REPlanGroup: EMC Health										Current Period		
Deductions REGroup: EMC Deductions				FY 2020	FY 2020	FY 2020	FY 2020	EY 2021	FY 2021	EV 2021	FY 2021	FY 2021
Scenario: Baseline				October	November	December	Oct - Dec	lanuary	February	March	lan - Mar	April
Save to Database?	SAVE	Data	Forecast	2020	2020	2020	Otr4	2021	2021	2021	Otr1	2021
Default Forecast Method:	3 Month Ava	Selection	Method	Actual	Actual	Forecast						
Paimburrament	Smonarkay											
% of Charges				9,233,748	9 361 153	11.667.783	30 262 684	8.069.440	9.049.496	9 349 027	26 467 962	33 559 768
Per Cose (CMI 4di)				0	0	0	0	0,000,110	0	0	20,101,502	0
Per Olem				0	-			0		0	-	
Capitated				0	0	0.	0	0	0	0	0	0
IP Gross Revenue - Contracts and Commercial				24.975.597	19.333.851	27.472.262	71,781,710	19.859.093	20.105.258	21.675.939	61.640.290	78.182.358
IP Deductions - Contracts and Commercial				15,741,849	9.972.698	15.804.479	41.519.026	11,789,654	11.055.762	12,326,912	35,172,328	44.622.590
IP Net Revenue - Contracts and Commercial				9.233.748	9.361.153	11.667.783	30.262.684	8.069.440	9.049.496	9.349.027	26.467.962	33,559,768
IP % of IP Gross Revenue				36.97%	48.42%	42,47%	42,16%	40.63%	45.01%	43.13%	42,94%	42,92%
Outpatient - Contracts and Commercial	•	Visit 👻										
VISIUS		%Chrq Yisk		3,202	3,064	3,333	9,599	3,020	2,822	3,459	9,301	2,046
% of Charges		PMPM		37.01%	35.61%	34.18%	35.60%	37.74%	38.13%	36.39%	37.40%	37.42%
Per Visit		Default		3,766.15	3,427.36	3,573.57	3,590.78	3,458.92	4,140.51	3,814.18	3,793.34	3,804.54
Number of Members		-		0	0	0	0	0	0	0	0	0
Per Member Per Month				0	0	0	0	0	0	0	0 *	0
Use Rate (Visits/1000)		3 Month Avg		0	0 '	0	0	0	0	0	0	0
OP Net Revenue Adjustment		Default		0	0	0	0	0	0	0	0	0
Reimbursement												
% of Charges				0	0	0	0	0	0	0	0	0
Per Visit				12,059,215	10,501,433	11,910,712	11,501,203	10,445,932	11,684,527	13, 193, 238	11,777,567	7,784,777
Capitation				0	0	0'	0	0	0	0	0	0
OP Gross Revenue - Contracts and Commercial				32,582,201	29,487,452	34,848,360	96,918,013	27,676,076	30,646,387	36,251,190	94,573,654	19,770,139
OP Deductions - Contracts and Commercial				20,522,986	18,986,018	22,937,648	62,446,653	17,230,144	18,961,861	23,057,952	59,249,956	11,985,363
OP Net Revenue - Contracts and Commercial				12,059,215	10,501,433	11,910,712	34,471,360	10,445,932	11,684,527	13,193,238	35,323,697	7,784,777
OP % of OP Gross Revenue				37.01%	35.61%	34.18%	35.57%	37.74%	38.13%	36.39%	37.35%	39.38%

Administrative/BadDebt/Charity

The final section of the GoTo menu will cover the sections of:

Administrative Adjustments: Commonly used for recognizing write offs of services for things like employee discounts or other reasons for writing down the expected collectable amount for services not related to BadDebt or Charity.

These values are commonly calculated based on historical percentage of amounts to gross charges. The amounts can be queried from the RF_Foreacst_20xx tables if Actuals exist for the related RFCode (D_ Admin is commonly used). Or manually entered values can be used and that will calculate a percentage to use for forecasted values.



Rolling Forecast Deductions Calculat EMC Health For the Period Ending March 31, 2021 RPPlanGroup: EMC Health	tor					Current Period					
Deductions RFGroup: EMC_Deductions		FY 2020	FY 2020	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021	FY 2021	FY:
Scenario: Baseline		December	Oct - Dec	January	February	March	Jan - Mar	April	May	June	Apr
Save to Database? SAVE	Data Forecast	2020	Qtr4	2021	2021	2021	Qtr1	2021	2021	2021	Q
Default Forecast Method: 3 Month	Avg Selection Method	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	For
Administrative and Other Adjustments											
Percentage of Total Charges											
Total Admin Adj 1 D_Admin	Default	0.00%	0.00%	0.15%	0.16%	0.13%	0.15%	0.15%	0.15%	0.14%	
Total Admin Adj 2	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total Admin Adj 3	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total Admin Adj 4	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total Admin Adj 5	Default	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total %		0.00%	0.00%	0.15%	0.16%	0.13%	0.15%	0.15%	0.15%	0.14%	
											1
Total											
Total Admin Adj 1 D_Admin	LastSaved	0	0	100,000	100,110	95,000	295,110	405,370	636,509	431,499	
Total Admin Adj 2	History	. 0	0	0	0	0	•	0	0	0	
Total Admin Adj 3	History	. 0	0	0	0	0	0	0	0	0	
Total Admin Adj 4	History	. 0	0	0	0	0	0	0	0	0	
Total Admin Adj 5	History	0	0	0	0	0	_ ٥	0	0	0	
Total:		0	0	100,000	100,110	95,000	295,110	405,370	636,509	431,499	

Administrative Adjustments example

Charity and BadDebt: The calculation methods are the same for these two write-off categories and use a historical % to gross charges. If Actual data exists for the related RFCodes in the RF_Forecast_20xx data tables, these can be queried in to establish the historical % and can be modified for forecast periods.

NOTE: Remember that the display of Inpatient, Outpatient or Total is configured in the Deductions Model Configuration Utility.

Rolling Forecast Deductio EMC Health For the Period Ending March 31, 2021 RPManGroup: EMC Health Deductions Reforoup: EMC_Deductions Scenaric: Baseline Save to Database? Deduct Ensempt Methods	ns Calculator	Data	Forecast	FY 2020 December 2020	FY 2020 Oct - Dec Qtr4	FY 2021 January 2021	FY 2021 February 2021	Current Period FY 2021 March 2021	FY 2021 Jan - Mar Qtr1	FY 2021 April 2021
Default Forecast Method:	3 Month Avg	Selection	Method	Actual	Actual	Actual	Actual	Actual	Actual	rorecast
Charithe Gauss										
Charity Care				1 200/	1 269/	0.45%	1.100	0.77%	0.000	0.269
IP Charity Care % of IP Gross Revenue		Default		1.50%	1.56%	(0.24%)	0.45%	0.77%	0.20%	0.15%
OP Charity Care % of OP Gross Revenue		Default		1,21%	1.27%	0.95%	0.71%	0.54%	0.60%	0.73%
Total - Charity Care	RFCode	Derudit		2.488.274	6.884.685	716.121	1.899.928	1.447.543	4.063.592	877.624
Inpatient	D IP Charity	History		1,232,032	3,103,556	(156,214)	735,422	437,792	1,017,000	411,987
Outpatient	D_OP_Charity	History		1,256,242	3,781,129	872,335	1,164,506	1,009,751	3,046,592	465,636
Total		History		0	0	0	0	0	0	877,624
Bad Debt										
Bad Debt % of Gross Revenue				(0.31%)	0.03%	0.95%	0.36%	0.48%	0.59%	0.42%
IP Bad Debt % of IP Gross Revenue		Default		(0.66%)	0.26%	1.39%	(0.28%)	0.06%	0.11%	0.39%
OP Bad Debt % of OP Gross Revenue		Default		(0.05%)	(0.13%)	0.63%	0.65%	0.42%	0.48%	0.57%
Total - Bad Debt	RFCode			(557,661)	168,266	1,505,150	594,771	907,014	3,006,935	1,439,991
Inpatient	D_IP_BadDebt	History		(505,725)	543,639	922,770	(463,874)	119,418	578,314	1,079,906
Outpatient	D_OP_BadDebt	History		(51,936)	(375,373)	582,379	1,058,646	787,596	2,428,621	360,085
Total		History		0	0	0	0	0	0	1,439,991

Charity and Bad Debt example

A Summary tab in the Deductions Calculator presents Gross Revenue, Net Revenue, and Reimbursement Percent in a four-quarter comparison table for Inpatient and Outpatient:

Net Revenue - EMC Hea	lth						
4 Quarter History vs 4 Quarter Forecast							
	Gross R	evenue	Net Re	evenue	Net % (of Gross	Impact
	Mar 2020 - Mar 2021	Mar 2021 - Mar 2022	Mar 2020 - Mar 2021	Mar 2021 - Mar 2022	Mar 2020 - Mar 2021	Mar 2021 - Mar 2022	Mar 2021 - Mar 2022
Medicare Advantage	118,397,104	548,049,526	18,090,801	22,247,778	15.28%	4.06%	(2,496,272)
Medicaid	155,459,574	603,704,644	19,551,697	10,992,500	14.30%	2.01%	(1,965,665)
Contracts and Commercial	261,097,933	912,518,767	108,885,798	395,504,135	41.70%	45.34%	6,465,258
Health Network	35,061,573	109,593,259	6, 152, 760	4,423,715	17.55%	4.04%	(597,730)
Health Plans	25,783,320	(1,042,742	2,941,577	3,003,373	70.14%	2.69%	(261,900)
Self Pay	10,924,296	61,842,743	8,645,169	9,009,556	79.14%	14.57%	(5,817,343)
Others	52,122,044	212,030,515	10,650,746	15,096,791	20.43%	0.10%	(1,009,544)
			205.440	4 630 445	0.000/	0.000/	
Administrative Adjustments			295,110	4,020,445	0.00%	0.00%	0
Charity			7,045,045	7,205,002	0.00%	0.00%	0
Bad Debt			1,004,252	5,629,514	0.00%	0.00%	0
TOTAL Inpatient	816,071,220	3,218,191,399	192,277,184	540,870,483	23.56%	16.81%	(7,465,539)
Outpatient							
Medicare	291,117,420	274,782,731	46,902,134	47,138,160	16.11%	17.15%	491,949
Medicare Advantage	163,080,982	174,745,740	23,511,030	29,935,953	14.42%	17.13%	812,571
Medicaid	142,266,556	147,003,259	17,761,359	18,036,662	12.48%	12.27%	(38,778)
Contracts and Commercial	380,581,339	359,720,074	136,252,201	132,863,277	35.80%	36.94%	1,506,820
Health Network	74,204,811	57,334,113	12,411,063	9,164,655	16.73%	15.98%	(67,889)
Health Plans	27,471,139	27,729,333	3,275,638	2,807,427	11.92%	10.12%	(50, 520)
Self Pay	13,217,019	22,120,829	13,992,491	12,374,618	105.87%	55.94%	(6,178,177)
Others	115,159,054	92,358,903	20,391,531	16,906,245	17.71%	18.30%	101,043
Charity			14,476,900	7,697,341	0.00%	0.00%	0
Bad Debt			4,694,342	6,149,824	0.00%	0.00%	0
TOTAL Outpatient	1,207,098,320	1,155,794,984	255,326,204	255,379,832	21.15%	22.10%	(3,422,981)
Summary Deductions	+						