

Quality Incentive Payment Program (QIPP)

Potentially Preventable Complications

Grouper Settings and Schedule Model Setup

Documentation

July 2024

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Glossary and Acronyms

APR-DRG	All Patient Refined Diagnosis Related Groups						
Gainwell	The Mississippi Medicaid Management Information System (MMIS)						
Grouping	The act of determining the PPC assignment for a claim using the Solventum CGS algorithm						
Input File	A data file containing your patient claims to be processed by CGS formatted to match the PPC input template.						
POA Indicator	Present on admission Indicator indicates if a principal or secondary diagnosis was present at the time of admission.						
Preferences	 A collection of settings that customize the way the Solventum CGS grouping algorithm processes data, including: Activates flags and special logic Turn editing functionality on and off Turn specific edits on or off Assign names to the output report and log files Exclude information from the output report 						
Schedule	 A collection of settings that provide processing details for a specified set of records, including: Grouper and reimbursement scheme to use Date range when the schedule applies Values (standard and hospital-specific) to use for calculating reimbursement Settings specific to the grouper or reimbursement scheme, such as options for determining birth weight and computing discharge DRG 						
Solventum	Solventum is a new independent company formed when 3M completed the spin-off their health care business ⁱ .						

1 Introduction

A healthcare grouper is a software tool that organizes patient claims and clinical data into episodes of care for analysis and comparison. The purpose of a grouper is to categorize patients into groups based on their diagnoses, procedures, and other relevant factors. The Mississippi Division of Medicaid (the Division) uses the SolventumTM Core Grouping Software¹ to assign Potentially Preventable Complications (PPCs) to inpatient acute care claims. The PPC Classification System utilizes the present on admission (POA) indicator, in combination with the APR DRG Pre-Existing Condition Diagnoses list, to determine if a secondary diagnosis was present on admission or arose after admission. Unlike the Potentially Preventable Hospital Readmissions that tracks a patient's medical experience across multiple hospitals, the PPC grouper identifies the number PPCs that occurred at a hospital during a patient's inpatient hospital stay.

Providers are not required to purchase the Core Grouping Software. However, many providers choose to use the Solventum desktop grouping software to verify PPC assignments as grouped and disseminated by the Division. This document describes the desktop Core Grouping Software (CGS) preference and schedule settings providers should use to replicate the Division's grouping results.

Technical operation of the grouping software is outside the scope of this document. This document assumes the reader is versed in the technical operation of the SolventumTM desktop CGS². Solventum provides training on the technical operation of its products to licensed users.

Terminology and definitions are directly from the Solventum Library available to licensed users on their website^{3.} Screen captures are of the user interface within the Solventum CGS desktop application.

2 Batch File Preferences

This section provides an overview of the Batch File Preferences that Myers and Stauffer utilizes in the PPC grouper. The Solventum Grouper application opens to the main screen on the 'Batch' tab. This section is to direct the grouper to the location of files needed for the grouper to run.

2.1 File Preferences

- **Input File** A single input file that contains patient records and is used for grouper processing. This will be populated with complete path and file name for the input file (data document) saved as a .csv.
 - The format of the input file must match an input template which specifies the fields contained in each record of the input file and their sequence and formats.
- **Input Template** Indicates the input template to use for processing. Myers and Stauffer downloaded Solventum's PPC Input template to use with the grouper.
- Upload File Indicates name of upload file to be generated. The output from the grouping and processing is written to an upload file designed for data transfer to your computer system. This should be saved as a .csv file type.
- Upload Template Template identifying the format of the upload file. Myers and Stauffer downloaded Solventum's PPC upload template to use with the grouper.
- **Output Report File** Indicates the name of output report file to be generated. This is the summary of the results of the grouping process and are formatted for viewing and printing. This will be populated with complete path and file name for the input file.
- Error Log File Indicates the name of the error log file to be generated. This shows coding problems found in the patient records as a part of the grouping process. It is normal to have some coding errors from the grouping process. This should be saved as an .html file type.
- Edit Log File Indicates the name of the edit log file to be generated. This describes any problems encountered by the editor or by the software during the grouping process.

2.2 Other Batch Preferences

Use Schedule – This box should be checked.

Figure 1 (below) is a screen capture of the File Preferences and Other Batch Preferences sections displayed in the Batch option with the Myers and Stauffer settings shown.

3M Core Grouping Software	— — —	\sim
		^
ile <u>E</u> dit <u>V</u> iew <u>H</u> elp		
Batch Interactive 1 🛛		
-ile Preferences		
Input File (txt, in, csv):	IPPC.csv	·
Input Template:	\inpatient.in.CEB_CSV.dic	·
Upload File (txt, out, csv):	VPPC_GRPR_OUTPUT_VX.csv	·
Upload Template:	\ppc_out.MS_CEB.dic	·
Output Report File (txt, html):		·
Error Log File (txt, html, csv):	PPC_GRPR_OUTPUT_ERROR_VX.html	• •••
Edit Log File (txt, html, csv):		·
Other Batch Preferences		
Use Schedule:	Activate Payment:	
Grouper Version:	None vayer Logic Indicator: None (Standard 3M AF	R 💌
Grouper ICD Version Qualifier:	ICD-10	-
Interpretation Of Undetermined POA Indicators:	0 W treated as N, U treated as N	-
Interpretation Of Missing POA Indicators:	0 Treat as not present on admission	-
PPC Version:	None	-
HAC Version:	None	-
Medical Necessity Editor:	Insurance ID:	-
Mapping Type:		-
Mapping Date:	None	-
Mapping Based On:	0 Discharge date	
Birth Weight Option:		
Discharge DRG Option:	0 Compute excluding only non-POA Complication of Care	-
Hospital Type:	0 Not a Psych Exempt facility or unit	-
Analysis Start Date:	Analysis End Date:	
Data Start Date:	Data End Date:	

3 Grouper Preference Settings

This section provides an overview of the Preferences that Myers and Stauffer utilizes in the PPC grouper. Use the Edit menu to select Preferences and gain access to the Preference Groups and all Preference sub-groups options available for use in the PPC Grouper. Myers and Stauffer utilizes the same settings across versions 39.1, 40 and 41.

3.1 Input & Upload Files

- **Read header row in delimited input file** Indicates if the delimited input file contains a header row. <u>This box should be checked</u>.
- **Delimiter 1** Indicates the character in the delimited file that marks the beginning or end of each data item. The Delimiter here should be a comma by itself (,).
- Use delimiter 2 for occurrences within fields Indicates whether or not a second delimiter will be used to separate occurrences within fields. <u>This box should be checked</u>.
- **Delimiter 2** Indicates the character in the delimited file that marks the beginning or end of each data item. The Delimiter here should be a semicolon by itself (;).
 - Note: We use both delimiter1 along with delimiter2. Delimiter1 is used to separate only the fields and delimiter2 is used to separate occurrences with fields.
- Use delimiter 3 for data within occurrences Indicates whether or not a delimiter will be used to separate the data items within an occurrence; for example a line item edit field returning a string of multiple edits will return the edits separated when this option is used. <u>This box should be checked</u>.
- **Delimiter 3** Indicates the character in the .csv file that marks the beginning or end of each value within an occurrence that would otherwise return a multi-value string of data. The Delimiter here should be a caret by itself (^).
- **Input Date Format** Indicates the format of the data in the date field, in the input file. This setting should represent how the date is formatted in your data.
- Use Input File Settings for Upload Enables/disables the use of the same delimiter values, input/upload dates, and header on input file and upload file. <u>This box should be checked</u> and this will grey out the Upload File Settings section.
- **Decimal symbol** Indicates the decimal separator symbol used for number fields in the input and upload file. The symbol to be used here should be a period by itself (.).
- **Preserve input field values in upload** Enables/disables the ability to preserve entered values for input fields in the upload file. *This box is not checked*.
- Write all input claims in PFP upload file Enables/disables return of the following data in the upload file: claims in historical period, retail pharmacy claims and limited consideration claims in the analysis period. *This box is not checked*.
- Save & Button The user must click the 'Save' button to ensure that all updates and changes made are saved and used with the PPC Grouper.

Figure 2 (below) is a screen capture of the Input & Upload Files Section displayed in the Preferences option with the Myers and Stauffer settings shown.

Figure	2.	Preference	Settings.	Innut &	Unloa	d Files	Section
riguic	4.	I Telefence	settings,	input &	Upiua	u rncs	Section

3M Core Grouping Software - Preferences ×								
Preference Groups	Inp	ut & Upload Files Preferences						
General	-	Input File Settings						
User Interface Display		Read header row in delimited input file						
Input & Upload Files				_				
Output Report & Log Files		Delimiter 1						
Present On Admission (POA)	V	Use delimiter 2 for occurrences within fields						
Audit Expert Editor (AEE)		Delimiter 2						
3M Proprietary CMS OCE/APC		Deminicel 2						
Public Domain CMS OCE/APC		Use delimiter 3 for data within occurrences						
3M Proprietary ASC		Delimiter 3		Δ				
3M Proprietary Tricare OCE/APC								
Public Domain Tricare OCE/APC		Input date format	YYYY-MM-DD	-				
3M Proprietary Medicare Home Health								
Public Domain Medicare Home Health		Use Input File Settings for Upload						
3M Proprietary Medicare Hospice								
3M Proprietary EAPGS	-	Upload File Settings						
3M Proprietary EAPGS MUE & NCCI		Write header row in delimited upload file						
Medicare Renal Dialysis Facility Editor (MRDFE)		Delimiter 1						
Medical Necessity Editor (MNE)				· · · ·				
Professional Claim Editor (PCE)		Use delimiter 2 for occurrences within fields						
Clinical Risk Groups (CRGs)		Delimiter 2		:				
Population Focused Preventables (PFPs)		lles delimiter 3 for data within occurrences						
Ambulatory Potentially Preventable Complication		use deminiter 5 for data within occurrences						
Potentially Preventable Readmissions (PPR)		Delimiter 3		Λ.				
8371		Upload date format	YYYY-MM-DD					
Advanced			TTTT MM DD					
		Particular to the						
		Decimal symbol		•				
		Preserve input field values in upload						
		Write all input claims in PFD unload file						
< III +								
Save Cancel								

3.2 Output Report & Log Files

- **Output Reporting Heading** Assigns a title to the report. Defaults to ' 3M Health Information Systems '.
- Edit Log Heading Assigns a title to the edit log. Defaults to ' 3M Core Grouping Software Edit Log '.
- Error Log Heading Assigns a title to the edit log. Defaults to ' 3M Core Grouping Software Error Log '.
- Overwrite Error Log This option determines whether or not the error log file contents will be overwritten each time a batch is run with the same log file name. By default the box is checked, however users can choose to deselect and keep different versions of the error log. This option does not impact the PPC results.
- **Display record footer on report** Enables/disables the display of a record footer on the output report. By default the box is checked, however users can choose to deselect and use the text box to include verbiage in the footer of the report. This option does not impact the PPC results.
- Display POA information on report Enables/disables the display of Present on Admission (POA) data on output report. <u>This box should be checked</u>. July 2024

- **Display procedure date & physician on report** Enables/disables the display of the procedure date and physician name on output report. <u>This box should be checked</u>.
- **Display Admit APR information on report** Enables/disables the display of admit APR information (includes grouping results, affect flags, codes used for mapping) on the output report. <u>This box should be checked</u>.
- **Display Discharge APR information on report** Enables/disables the display of discharge APR information (includes grouping results, affect flags, codes used for mapping) on the output report. <u>This box should be checked</u>.
- **Display PPC-Admit APR information on report** Enables/disables the display of PPC admit information (includes grouping results, affect flags, codes used for mapping) on the output report. <u>This box should be checked</u>.
- **Display PPC-Adjusted APR information on report** Enables/disables the display of PPCadjusted information (includes grouping results, affect flags, codes used for mapping) on the output report. <u>This box should be checked</u>.
- Display 'PPCs Excluded, Would Have Been Assigned' on report Enables/disables the display of 'PPCs Excluded Would Have Been Assigned' section on output report. <u>This box</u> should be checked.
- Display 'PPCs Excluded, Would Not Have Been Assigned' on report Enables/disables the display of 'PPCs Excluded Would Not Have Been Assigned' section on output report. <u>This box</u> should be checked.
- **Display 'PPCs Not Excluded, Not Assigned' on report** Enables/disables the display of 'PPCs Not Excluded Not Assigned' section on output report. <u>This box should be checked</u>.
- **Display Schedule Information section on report** Enables/disables the display of the Schedule Information section on output report. <u>This box should be checked</u>.
- **Display Claim Status Information section on report** Enables/disables the display of the Claim Status Summary section on output report. <u>This box should be checked</u>.
- **Display Financial Information section on report** Enables/disables the display of the Financial Information Section on output report. <u>This box should be checked</u>.
- Display claim payment fields with zero dollars on report Enables/disables the display of claim payment fields (except total claim payment which always displays even if 0.00) with zero dollars on output report. Not applicable with EAPGS financial reports. <u>This box should be checked</u>.
- **Display Resource Analyzer Information section on report** Enables/disables the display of Resource Analyzer Information section on output report. <u>This box should be checked.</u>
- Display SNF Resident Assessment Information section on report Enables/disables the display of SNF Resident Assessment information section on the output report. <u>This box should be checked</u>.
- **Report CRG Discovered Conditions in Edit Log** Enables/disables the display of report CRG Discovered Conditions in Edit Log. *This box is not checked*.
- Generate Debug Information Adds debug information to the error log. *This box is not checked*.
- Save Button The user must click the 'Save' button to ensure that all updates and changes made are saved and used with the PPC Grouper.

Figure 3 (below) is a screen captures of the Output Report & Log Files Section displayed in the Preferences option with the Myers and Stauffer settings shown. July 2024

Figure 3: Preference Settings, Output Report & Log Files, Files Section

3M Core Grouping Software - Preference	S		×				
Preference Groups	Output Report & Log Files Preferences		^				
General	Output Report heading	3M Health Information Systems	1				
User Interface Display	Edit Log booding		-				
Input & Upload Files	East Log neading	3M Core Grouping Software - Edit Log					
Output Report & Log Files	Error Log heading	3M Core Grouping Software - Error Log	1				
Present On Admission (POA)	Quepurite Error Log		1				
Audit Expert Editor (AEE)	V Overwrite Erfor Log						
3M Proprietary CMS OCE/APC							
Public Domain CMS OCE/APC			1				
3M Proprietary ASC							
3M Proprietary Tricare OCE/APC	Footer						
Public Domain Tricare OCE/APC							
3M Proprietary Medicare Home Health	Display DOA information on report						
Public Domain Medicare Home Health	Display POA Information on report						
3M Proprietary Medicare Hospice	Display procedure date & physician on report						
3M Proprietary EAPGS	Display Admit APR information on report						
3M Proprietary EAPGS MUE & NCCI	Display Displayre ADD information on report						
Medicare Renal Dialysis Facility Editor (MRDFE)	Usplay Discharge APR information on report						
Medical Necessity Editor (MNE)	Display PPC-Admit APR information on report						
Professional Claim Editor (PCE)	Display PPC-Adjusted APR information on report						
Clinical Risk Groups (CRGs)	Display IDDCs Evaluated Mayle Uses Pass Assigned as re-	a a d					
Population Focused Preventables (PFPs)	Display PPCs Excluded, would have been Assigned on re	port					
Ambulatory Potentially Preventable Complication	Display 'PPCs Excluded, Would Not Have Been Assigned' of	n report					
Potentially Preventable Readmissions (PPR)	Display 'PPCs Not Excluded, Not Assigned' on report						
8371	Display Schedule Information section on report						
Advanced	Display schedule information section on report						
	Display Claim Status Information section on report						
	Display Financial Information section on report						
	✓ Display claim payment fields with zero dollars on report						
	Display Resource Analyzer Information section on report						
Display SNF Resident Assessment Information section on report							
Report CRG Discovered Conditions in Edit Log							
	Generate debug information		H				
			-				
	Save Cancel						

4 Present on Admission (POA)

Myers and Stauffer does not utilize the Present on Admission (POA) section in the preference group. This section is included for visibility to show that Myers and Stauffer does not alter, edit, nor map, any POA outputs from the grouper.

- Activate POA Editor When the box is checked and activated, this enables the 'POA Editing Options' area. *This box is not checked*.
- **POA Editing Options** POA editing options to customize each POA position. When the 'Activate POA Editor' is activated, this section will be available to use and customize.
- Activate POA Mapping Enables/disables the ability to map different POA indicators. When this box is checked and activated, the 'POA Mapping Options' area will active for editing. *This box is not checked*.
- **POA Mapping Options** Enables/disables the ability to map POA indicators. Below are the indicators and their descriptions:

Y	Yes
Ν	No
U	No information in the record
W	Clinically undetermined
<black></black>	Exempt from POA
1	reporting/unreported/not used
Е	

Figure 4 (below) is a screen captures of the Present on Admission Section displayed in the Preferences option and is for informational purposes only.

Figure 4: Preference Settings, Present On Admission (POA)

3M Core Grouping Software - Preference	2	\times						
Preference Groups	Present On Admission (POA) Preferences							
General	Activate POA Editor							
User Interface Display	POA Editing Options							
Input & Upload Files		-						
Output Report & Log Files	Select All Clear All							
Present On Admission (POA)	01 POA - Code likely to be POA							
Audit Expert Editor (AEE)	02 POA - Code unlikely to be POA with coded procedure(s)							
3M Proprietary CMS OCE/APC								
Public Domain CMS OCE/APC	03 POA - Surgical complication(s) likely to be POA without related surgery							
3M Proprietary ASC	04 POA - Trauma code likely to be POA							
3M Proprietary Tricare OCE/APC	DE DOA _ Deisening orde likely to be DOA							
Public Domain Tricare OCE/APC								
3M Proprietary Medicare Home Health	06 POA - Factors Influencing Health Status and Contact with Health Services code likely to be POA							
Public Domain Medicare Home Health	07 POA - Code exempt from POA reporting							
3M Proprietary Medicare Hospice	POA Conceptible conditions and anomalies codes likely to be POA							
3M Proprietary EAPGS	U to POA - Congenital Conditions and anomalies codes likely to be POA							
3M Proprietary EAPGS MUE & NCCI	09 POA - Obstetrical code likely to be POA							
Medicare Renal Dialysis Facility Editor (MRDFE)	10 POA - Obstetrical code unlikely to be POA							
Medical Necessity Editor (MNE)	11 POA - Combined code flagged as POA. Assign N if any part of combination was not POA							
Professional Claim Editor (PCE)								
Clinical Risk Groups (CRGs)	12 POA - Perinatal code likely to be POA							
Population Focused Preventables (PFPs)	13 POA - Code not exempt from POA reporting							
Ambulatory Potentially Preventable Complication	15 POA Chronic condition should be assigned POA							
Potentially Preventable Readmissions (PPR)	15 POA - Cirroline contration should be assigned POA							
8371								
Advanced	ACTIVATE POA Mapping							
	- POA Mapping Options	ר						
	Entered POA 1	1						
	Mapped POA 1]						
	Entered POA 2							
	Mapped POA 2]						

5 Schedule Settings

Unlike PPHR that utilized a Grouper, PPC uses a schedule for its processing. Schedules are collections of settings that provide processing details for the specified data set. Once you are ready to process records, you tell the software which schedule to use to process those records by setting the unique combination of user codes and date range to identify the applicable schedule.

A schedule must be set up and available for processing in the Schedule Setup Module. The software matches the user keys on the record to the user keys in schedules and compares the claim dates on the record with the schedule's effective date range when determining which schedule to use for processing. This section provides an overview of setting options that Myers and Stauffer utilizes.

- User Key 1 The primary key the software uses to identify the schedule to use for processing.
 - User Key 1 can be any value (ex. UserKey1, PPC_UK1, PPC_V41) and must match the UserKey1 field in the data set.
- User Key 2 The primary key the software uses to identify the schedule to use for processing.
 - User Key 2 is not required but can be utilized as an additional link between grouper and the data set.
- Begin date The effective begin date of the schedule to use for processing.
 - Myers and Stauffer limits the data set according to the reporting period. For the schedule, we utilize dates outside of the State Fiscal Year to ensure data is not inadvertently excluded (i.e. 01/01/2020 12/01/2030).
- End date The effective end date of the schedule to use for processing.
 - Myers and Stauffer limits the data set according to the reporting period. For the schedule, we utilize dates outside of the State Fiscal Year to ensure data is not inadvertently excluded (i.e. 01/01/2020 12/01/2030).
- **Description** A user defined description of the schedule.
- **Reimbursement scheme** The inpatient reimbursement scheme which the hospital or agency applies during the effective time period. Use the Mississippi Medicaid scheme from the drop down, as this applies to Mississippi hospitals.
 - Automatically Determine Reimbursement Settings should be uncheck.
 - Automatically Determine Grouper Settings should be unchecked.
- Keyed by This setting indicates whether claims should be processed based on the first or last dates of service (admit date or discharge date). For determining PPC's use the Discharge Date.
- **Grouper version** New APR-DRG versions are issued on October 1 of each year, to coincide with the release of the new ICD diagnosis and procedure codes upon which the DRG logic relies. Select the version that matches the version input file.
- Interpretation of Undetermined POA indicators Select the default of option 0 W treated as N, U treated as N.
- **PPC version** Select the version that coincides with the Grouper Version you selected and are using for the input file.
- **HAC** Hospital Acquired Conditions do not apply to running the PPC Grouper. This should be set to none.

- **Payer Logic Indicator** This indicator applies to Ohio Medicaid only and should be defaulted to none.
- **Birth weight option** Assignment of some newborn/neonatal DRGs require the patient's birth weight in order to determine the correct DRG assignment. The birth weight option for Mississippi Medicaid is coded weight with default (the fifth selection option). Coded birth weight means that the weight is coded by the diagnosis codes listed on the claim.
- Discharge DRG Option This option tells the grouper how to handle Complication of Care (COC) codes when computing the discharge DRG, discharge Severity of Illness (SOI) and discharge Risk of Mortality (ROM).
- Entered Code Mapping New ICD-10 diagnosis and procedure codes are released by CMS each October 1. Mapping translates expired or new codes on the claim to valid ICD-10 codes as required by the grouper version. Please select Automatically Determine Code Mapping.
- **Mapping Type** Code mapping is defined in two ways, historical or logical. Logical mapping is only used with ICD-9-CM codes. It is not used with ICD-10-CM/PCS. We use the historical mapping type for the PPC Grouper.
 - Historical mapping is used to backward map from a newer version to an older version and to convert older codes to a newer code set version released 10/1/2017.

Table 1 provides an overview of the historical mapping; key grouper, mapper, and HAC utility

Table 1 APR-DRG Grouper Versions History									
State Fiscal Year	From Date	Through Date	DRG Grouper	HAC	Mapper	Segment	ICD-Code Version		
	7/1/2021	9/30/2021		V.38	V.38	Part I	ICD-10-CM/PCS		
SFY 22	10/1/2021	3/31/2022	V.38	V.39	V.39	Part II	ICD-10-CM/PCS		
	4/1/2022	6/30/2022		v.39	V.39.1	Part II	ICD-10-CM/PCS		
SEV 23	7/1/2022	9/30/2022	V.38	v.39	v.39.1	Part I	ICD-10-CM/PCS		
31123	10/1/2022	6/30/2023		v.40	v.40	Part II	ICD-10-CM/PCS		
SEV 24	7/1/2023	9/30/2023	V.40	v.40	v.40	Part I	ICD-10-CM/PCS		
51124	10/1/2023	6/30/2024		v.41	v.41	Part II	ICD-10-CM/PCS		
SEV 25	7/1/2024	9/30/2024	V 40	v.41	v.41	Part I	ICD-10-CM/PCS		
SFY 25	10/1/2024	6/30/2025	V.40	v.42	v.42	Part II	ICD-10-CM/PCS		

1. For SFYs 22 and 23, V.38 of the grouper remains in place.

2. For SFY 22, V.39.1 of the mapper was implemented 4/1/2022 to accommodate new COVID-19 related codes.

3. For SFY 23, V.40 of the mapper was implemented to accommodate new codes and V.40 of the HAC

4. For SFY 24, V.40 of the DRG Grouper remains in place.

5. For SFY 25, V.42 of the mapper was implemented to accommodate new codes and V.42 of the HAC

• **Mapping Base On** – Determines whether admission date or discharge date is used to determine the input code set when using automatically determined code mapping. The default is Discharge Date and that is the setting we use here for PPC.

For your reference, screen captures of the Schedule are available in the Appendix. July 2024

6 Notes

- This report was produced using proprietary computer software created, owned and licensed by the Solventum Company (formerly doing business as 3M). All copyrights in and to the Solventum [APR[™]] Software, and to the Solventum [APR[™] DRG] classification system(s) (including the selection, coordination and arrangement of all codes) are owned by Solventum. All rights reserved.
- 2. As of April 1, 2024, 3M completed its planned spin-off of its health care business to Solventum Corporation. Solventum is a corporation organized under the laws of Delaware, and its original Certificate of Incorporation was filed with the Secretary of the State of Delaware on January 24, 2023. <u>https://www.sec.gov/Archives/edgar/data/1964738/000162828024014887/exhibit31-8xk.htm#:~:text=Exhibit%203.1,is%203M%20Health%20Care%20Company</u>
- 3. The definitions and terminology in this document are available in the HIS Support Library, developed by Solventum Health Information Systems. Licensed users can reference the Schedule file and Solventum Core Grouper Software Library at https://support.3mhis.com/app/answers/detail/a id/1004229.

Appendix

The grouper settings for each version of the grouper are shown in the screen captures below. The grouper setting screen captures the "Automatically Determine Code Mapping" setting to reduce the number of CGS schedules that a hospital needs to create to group claims from any year of the program.

Figure 5: Schedule Settings V39.1

🔛 Schedule - Open						×	
User key1:	MS PPC V3)	User key2:			What's This?	
Begin date:	01/01/2010		End date:	12/01/2030		Print	
Description:						Clear	
Modified date:	08/06/2024					Cieai	
Reimbursement scheme: Mi	ssissioni Madica	d				Cancel	
Automatically Determine	Reimbursement	Settings				Save as	
Automatically Determine	Grouper Settings					Defaults	
Keyed by: Dis	charge date			\sim		Delauto	
Grouper version:		APR DRG Group	per Version 39.1 (04/01/2022	2)	~		
Interpretation of Undetermined	POA Indicators:	0 - W treated as	N, U treated as N		\sim		
PPC version:		PPC Version 39	.1		\sim		
HAC version:		None			\sim		
Payer Logic Indicator:		None (Standard	3M APR DRG)		\sim		
Birth weight option:		Coded weight w	ith default	\sim			
Discharge DRG option:		Compute exclud	ding only non-POA Complica	ation of Care codes	~		
Entered code mapping:		Automatically [Determine Code Mapping	\sim			
Mapping type:		Historical			~		
Mapping based on:		Discharge date			~		
PPC Settings Hospital Va	alues Agency V	alues Statistics	Details				
PPC Settings Hospital Values Agency Values Statistics Details PPCs to be excluded from PPC-adjusted APR DRG grouping							

Figure 6: Schedule Settings V40

🔛 Schedule - Open						×
User key1:	MS_PPC_V40)	User key2:			What's This?
Begin date:	01/01/2010		End date:	12/01/2030		Print
Description:			-			Clear
Modified date:	08/06/2024]			Cancel
Reimbursement scheme: Mis	sissippi Medica	d		~		Save
Automatically Determine	Reimbursement	Settings				Save as
Automatically Determine	Grouper Settings	i				Defaults
Keyed by: Disc	charge date			\checkmark		
Grouper version:		APR DRG Group	per Version 40.0 (10/01/2022)		~	
Interpretation of Undetermined	POA Indicators:	0 - W treated as	N, U treated as N		\sim	
PPC version:		PPC Version 40	.0		\sim	
HAC version:		None			\sim	
Payer Logic Indicator:		None (Standard	I 3M APR DRG)		\sim	
Birth weight option:		Coded weight with default			\checkmark	
Discharge DRG option:		Compute excluding only non-POA Complication of Care codes			~	
Entered code mapping:		Automatically Determine Code Mapping 🗸			\sim	
Mapping type:		Historical			\sim	
Mapping based on:		Discharge date			\sim	
PPC Settings Hospital Va	lues Agency V	alues Statistics	Details			
- PPCs to be evaluat	ad from PPC ad	unted ARR DRG				
	ed liom PPC-adj	USIEU APR DRO	grouping			
PPC						

Figure 7: Schedule Settings V41

🔛 Schedule - Open						×
User key1:	MS_PPC_V41		User key2:			What's This?
Begin date:	01/01/2010		End date:	12/01/20	030	Print
Description:						Clear
Modified date:	08/06/2024]			Cancel
Reimbursement scheme: Miss	issippi Medicai	d		~		Save
Automatically Determine R	eimbursement	Settings				Save as
Automatically Determine G	rouper Settings					Defaults
Keyed by: Discl	harge date			\sim		
Grouper version:		APR DRG Group	per Version 41.0 (10/01/	2023)	~	
Interpretation of Undetermined P	Interpretation of Undetermined POA Indicators:				~	
PPC version:		PPC Version 41	.0		~	
HAC version:		None			\sim	
Payer Logic Indicator:		None (Standard	I 3M APR DRG)		\sim	
Birth weight option:		Coded weight with default			~	
Discharge DRG option:		Compute exclud	ding only non-POA Con	plication of Care co	odes 🗸	
Entered code mapping:		Automatically [Determine Code Mappir	ng	\sim	
Mapping type:		Historical			\sim	
Mapping based on:		Discharge date			\sim	
PPC Settings Hospital Value	d from PPC-adj	alues Statistics	grouping			

I