



Pricing Methodology for Model Years 1 & 2 – Technical Review Webinar



Center for Medicare & Medicaid Innovation (CMS Innovation Center)

May 17, 2018

- Target Price Overview
- Risk Adjustment Model
- Hospital Benchmark Price (HBP) Construction
- Physician Group Practice (PGP) Benchmark Price Construction
- Target Price Construction
- Target Price Summary Workbook Walk-Through

- Target Price Overview
 - Essential Features of BPCI Advanced Target Price
 - Components of Acute Care Hospital (ACH) Target Prices
 - Components of PGP Target Prices
- Risk Adjustment Model
- HBP Construction
- PGP Benchmark Price Construction
- Target Price Construction
- Target Price Summary Workbook Walk-Through

Target Price Essential Features

- 1. Adjust for provider's patient case mix
- 2. Allow for trends in Clinical Episode spending that are specific to providers' geographic regions and other relevant characteristics
- 3. Encourage both high and low cost providers to participate
- 4. Reward Participants' improvement over time
- 5. Promote Medicare savings while improving or maintaining high quality care

Hospital Target Price Key Features

- Target Price method incorporates regional and historical pricing by benchmarking Episode Initiators against providers with:
 - Similar expenditure riskiness
 - Similar hospital-level characteristics
- The Hospital Benchmark Price (HBP) and ACH Target Price takes the following form:

HBP = SBS * PCMA * PAT Factor

Standardized Baseline	Patient Case Mix Adjustment	Peer Adjusted Trend (PAT)
Spending (SBS)	(PCMA)	Factor
Standardizes ACH spending across the baseline period to account for historical efficiency	Adjusts HBP for the expenditure riskiness of patients	Adjusts for persistent differences across ACH peer groups and projects to the Model Year based on trends in spending within each ACH's peer group

5

ACH Target Price = HBP * (1 - CMS Discount Factor)

PGP Target Price Key Features

• Given that PGP Clinical Episodes are initiated at ACHs, the PGP-ACH Target Price builds off of the ACH price and takes the following form:

PGP-ACH Target Price = HBP * PGP Offset * Relative Case Mix * (1 - CMS Discount Factor)

Hospital Benchmark Price (HBP)	PGP Offset	Relative Case Mix	
		Measures whether the overall	
Provides the baseline dollar value of	Measures a PGP's historical	case mix of a PGP's Clinical	
a PGP's Benchmark Price for	efficiency relative to a specific	Episodes at an ACH has more or	
Clinical Episodes initiated at a	ACH, measured from baseline	less expenditure riskiness than	
specific ACH	period Clinical Episodes	the overall case mix of all	
		Clinical Episodes at the ACH	

- Target Price Overview
- Risk Adjustment Model
 - Stage 1: Estimate Patient Case Mix
 - Stage 2: Estimate Peer Group Effects
 - Estimate Clinical Episode Efficiency
- HBP Construction
- PGP Benchmark Price Construction
- Target Price Construction
- Target Price Summary Workbook Walk-Through

Stage 1: Overview (TP-Step 1)

Purpose	Obtain robust estimates for patient characteristics to create benchmarks that account for riskiness of Episode Initiators' patient populations
Method	Estimate a flexible compound lognormal distribution (a mixture of two lognormal distributions). Use Maximum Likelihood Estimation.
Inputs	 National population of eligible Clinical Episodes Risk adjustment covariates Patient characteristics Peer group characteristics & quarter year interactions
Output	Input to Patient Case Mix Adjustment (PCMA) term

Stage 1: Risk Adjustment Covariates (TP-Step 1)

Category	Risk Adjusters	
Patient Characteristics	HCCs and HCC Interactions Recent Resource Use Long-Term Institutional Status HCC Severity	Demographics MS-DRG/ Ambulatory Payment Classification (APCs) Clinical Episode Category Specific Adjustments
Peer Group Characteristics	Bed Size Academic Medical Center (AMC) Status	Safety-Net Census Division Rural/ Urban
Quarter Year Indicators	Quarter year of Anchor Stay/ Anchor Procedure end date	

Note: Certain peer group characteristics are interacted with quarter year indicators

Limit to Eligible Providers (TP-Step 2)

- Limit to hospitals that initiate more than 40 Clinical Episodes in the baseline period to reduce low volume uncertainty
- No restriction for PGP Participation

BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	4 Year Baseline Period Clinical Episode Count for One Clinical Episode Category	Eligible for Participation	Preliminary Target Price Calculated
BPID1	ACH	CCN1		39	N	N
BPID2	ACH	CCN2		40	Ν	Ν
BPID3	ACH	CCN3		41	Y	Y
BPID4	ACH	CCN4		42	Y	Y
BPID5	PGP	TIN1	CCN1	20	Y	Ν
BPID5	PGP	TIN1	CCN2	21	Y	Ν
BPID6	PGP	TIN2	CCN3	20	Y	Y
BPID6	PGP	TIN2	CCN4	21	Y	Y
BPID7	PGP	TIN3	CCN4	20	Y	Y

Stage 1: Patient Case Mix Adjusted Spending (TP-Step 3)

- Calculate the patient case mix adjusted Clinical Episode spending from the estimated compound lognormal model
- This is the portion of a Clinical Episode's spending that is explained by patient characteristics:
 - Used to calculate:
 - PCMA term for the Hospital Benchmark Price and
 - Relative Case Mix term for the PGP-ACH Benchmark Price

Stage 2: Estimate Peer Group Effects Overview (TP-Step 4)

Purpose	Obtain estimates for peer group characteristics and trends in spending for each peer group to project Target Prices to the Performance Period
Method	At the ACH-quarter level, using Ordinary Least Squares (OLS), regress average ratio of <i>observed</i> to <i>patient case mix adjusted</i> Clinical Episode spending on peer group categories and a time trend
Input Covariates	Peer group characteristics Bed size, AMC status, rural/ urban, census division, safety net hospital Quadratic in the natural log of the quarter time trend Interaction terms
Output	Input to Peer Adjusted Trend (PAT) Factor

Stage 2: OLS Estimation (TP-Step 4)

- Construct average ratio of *observed* to *patient case mix adjusted* Clinical Episode spending at the ACH and quarter level
- This represents the average portion of observed Clinical Episode spending not explained by an ACH's patient case mix
- Regress this ratio on peer group characteristics interacted with a time trend
 - Goal is to identify what portion of this Clinical Episode spending is explained by peer group characteristics and trends
- Calculate predicted, Clinical Episode-specific, peer group spending adjuster for each Clinical Episode by applying the parameters from OLS

Estimate Clinical Episode Efficiency (TP-Steps 5-6)

Purpose	• Calculate Clinical Episode historical efficiency to ensure Episode Initiators' Target Prices reflect their historical spending
Method	• Calculate the ratio of observed to predicted Clinical Episode spending using estimates from Stages 1 & 2
Inputs	 Case mix adjusted Clinical Episode spending Predicted ratio from OLS estimation
Output	• Used to calculate Standardized Baseline Spending (SBS) and PGP Offset

Determine Clinical Episode-Level Efficiency (TP-Steps 5-6)

- Calculate predicted Clinical Episode spending
 - Reflects the influence of patient characteristics on Clinical Episode spending (Stage 1) and the influence of provider characteristics and time trends on Clinical Episode spending (Stage 2)
- Calculate Clinical Episode-Level Efficiency as the ratio of observed Clinical Episode spending to predicted Clinical Episode spending

- Target Price Overview
- Risk Adjustment Model
- HBP Construction
- PGP Benchmark Price Construction
- Target Price Construction
- Target Price Summary Workbook Walk-Through

Hospital Benchmark Price (HBP) Construction Overview (TP-Steps 7-12)

Purpose	Calculate a Preliminary Benchmark Price for each ACH in standardized dollars
Method	SBS * PCMA * PAT Factor
Inputs	Clinical Episode Efficiency Predicted Clinical Episode spending Patient case mix adjusted Clinical Episode spending Parameters from OLS Regression
Output	Preliminary Hospital Benchmark Price

HBP Construction: Dollar Amount (TP-Step 7)

- Dollar Amount normalizes the Efficiency Measure and patient case mix adjusted Clinical Episode spending for clearer interpretation
 - Ultimately cancels out and has no material impact on Target Prices
- To obtain Dollar Amount, calculate average predicted spending for all baseline period Clinical Episodes across all ACHs for a given Clinical Episode category

HBP Construction: ACH Efficiency Measure (TP-Step 8)

• Calculate ACH Efficiency Measure as average of the observed to predicted Clinical Episode spending for each ACH during the baseline period

Example Efficiency Measures

Average Historical	Lower than Average	Higher than Average
Efficiency	Historical Efficiency	Historical Efficiency
1.0	1.1	0.9

HBP Construction: SBS (TP-Step 9)

- Standardized Baseline Spending (SBS) accounts for historical efficiency of spending of ACHs in the baseline period by adjusting benchmark prices for risk- and peer- standardized Clinical Episode spending in the baseline period
- Calculate SBS as product of Dollar Amount and ACH Efficiency Measure

SBS = Dollar Amount * Efficiency

HBP Construction: Preliminary PCMA (TP-Step 10)

- Patient Case Mix Adjustment (PCMA) adjusts for varying levels of severity in the ACH's patient case mix
- Calculate *Preliminary* PCMA as average patient case mix adjusted Clinical Episode spending for each ACH divided by the Dollar Amount

$PCMA = \frac{Avg \ Case \ Mix \ Adj \ Spending}{Dollar \ Amount}$

Note:

• The Preliminary PCMA (and thus the HBP) will be updated using realized case mix from an ACH's attributed Clinical Episodes in the applicable Performance Period

HBP Construction: PAT Factor (TP-Step 11)

- Peer Adjusted Trend (PAT) Factor adjusts for:
 - i. persistent differences in spending levels across peer groups and,
 - ii. trends in Clinical Episode spending for each peer group
- To calculate PAT Factor:
 - i. Update the quarter indicator to the middle of Model Year 2 (i.e. 2019 Q3)
 - Assuming 2013Q1 is quarter 1, the new quarter value will be 27
 - Update the interactions with quarter time trend
 - ii. Use the parameters from OLS with the peer group characteristics, new quarter value, and interactions

Hospital Benchmark Price Construction Preliminary HBP (TP-Step 12)

• Calculate Preliminary HBP using the following expression:

Preliminary HBP = SBS * Preliminary PCMA * PAT Factor

Standardized Baseline	Patient Case Mix	Peer Adjusted Trend (PAT)
Spending (SBS)	Adjustment (PCMA)	Factor
Standardizes ACH		Adjusts for persistent differences
spending across the	Adjusts HBP for the	across ACH peer groups and
baseline period to	expenditure riskiness of	projects to the Model Year based
account for historical	patients	on trends in spending within each
efficiency		ACH's peer group

- Target Price Overview
- Risk Adjustment Model
- HBP Construction
- PGP Benchmark Price Construction
- Target Price Construction
- Target Price Summary Workbook Walk-Through

PGP-ACH Benchmark Price Construction Overview (TP-Steps 13-16)

Purpose	 Calculate a Preliminary Benchmark Price for PGP Participants in standardized dollars
Method	• HBP * PGP Offset * Relative Case Mix
Inputs	 Preliminary HBP Clinical Episode Efficiency Patient case mix adjusted Clinical Episode spending Dollar Amount
Output	• Preliminary PGP-ACH Benchmark Price

PGP Benchmark Price Construction: PGP Efficiency Measure (TP-Step 13)

• Interpretation is analogous to the ACH Efficiency Measure

 Calculate the PGP Efficiency Measure as average of Clinical Episode Efficiency across all the ACHs at which the PGP initiates Clinical Episodes during the baseline period

PGP Benchmark Price Construction: PGP Offset (TP-Step 14)

- The PGP Offset measures the PGP's efficiency relative to each ACH at which it initiates Clinical Episodes
- Calculate PGP Offset as the ratio of PGP Efficiency over Efficiency of the ACH at which it initiates Clinical Episode

$$PGP \ Offset = \frac{PGP \ Efficiency}{ACH \ Efficiency}$$

- For the low-volume PGPs (i.e. 40 or less baseline period Clinical Episodes), the PGP Offset is set to 1
- If PGP Offset is less than 1, increase by half its distance from
 1 Example PGP Offsets

Efficiency equivalent to ACH	Less Efficient than ACH	More Efficient than ACH
1.0	1.1	0.9

PGP Benchmark Price Construction: Relative Case Mix (TP-Step 15)

- Relative Case Mix measures the severity of the PGP's patient population relative to the ACH's at which it initiates Clinical Episodes
- Built in two steps: (1) calculate average Preliminary PCMA at PGP-ACH level, then (2) calculate Preliminary Relative Case Mix
- (1) Calculate average Preliminary PCMA at PGP-ACH level as ratio of average case mix adjusted Clinical Episode spending for each PGP-ACH divided by the Dollar Amount

PGP Benchmark Price Construction: Relative Case Mix (TP-Step 15)

• (2) Calculate Preliminary Relative Case Mix as ratio of PGP-ACH Preliminary PCMA over the ACH Preliminary PCMA

Preliminary Relative Case $Mix = \frac{PGP-ACH Preliminary PCMA}{ACH Preliminary PCMA}$

• Use realized case mix to construct updated Relative Case Mix

PGP Benchmark Price Construction: PGP-ACH Benchmark Price (TP-Step 16)

• Calculate Preliminary PGP-ACH Benchmark Price as the product of the Preliminary HBP, PGP Offset, and the Preliminary Relative Case mix

Preliminary PGP-ACH Benchmark Price

= Preliminary HBP * PGP Offset * Preliminary Relative Case Mix

HBP	PGP Offset	Relative Case Mix
Provides the baseline dollar value of a PGP's Benchmark Price for Clinical Episodes initiated at a specific ACH	Measures a PGP's historical efficiency relative to a specific ACH, measured from baseline period Clinical Episodes	Measures whether the overall case mix of a PGP's Clinical Episodes at an ACH has more or less expenditure riskiness than the overall case mix of all Clinical Episodes at the ACH

- Target Price Overview
- Risk Adjustment Model
- HBP Construction
- PGP Benchmark Price Construction
- Target Price Construction
- Target Price Summary Workbook Walk-Through

Purpose	Calculate Final Target Prices in real dollars for Reconciliation	
Method	Benchmark Price * (1-CMS Discount Factor) * Conversion Ratio Apply updates for interim Medicare payment rates Update PCMA with realized case mix information Convert to real dollars	
Inputs	Preliminary ACH and PGP Benchmark Prices Ratio of real to standardized dollars Most recent Medicare payment rates Realized Performance Period case mix	
Output	Final Target Prices	

Preliminary Target Price (TP-Steps 17-18)

- Apply CMS Discount Factor (3%) to Benchmark Price
- Apply Conversion Ratio to convert the Preliminary Target Price from standardized to real dollars
 - Calculate Conversion Ratio at Episode Initiator-Clinical Episode category level:

 $Conversion Ratio = \frac{Real Dollars}{Standardized Dollars}$

• Calculate the Preliminary Target Price :

Preliminary Target Price = Preliminary Benchmark Price * 0.97 * Conversion Ratio

Update Preliminary Target Price (TP-Step 19)

- Adjust the Preliminary Target Prices as new Medicare payments rates are released during the Model Year
 - Update in Sep 2018 for FY 2019 payment rates
 - Update in Dec 2018 for CY 2019 payment rates
 - Update in Sep 2019 for FY 2020 payment rates



Final Target Price (TP-Step 20)

- Update PCMA term to account for realized case mix of the **Performance** Period
- Update the ratio of real to standardized dollars using realized Performance Period Clinical Episodes



- Target Price Overview
- Risk Adjustment Model
- Hospital Benchmark Price Construction
- PGP Benchmark Price Construction
- Target Price Construction
- Target Price Summary Workbook Walk-Through
Target Price Summary Workbook: Overview Tab

Preliminary Target Prices

Baseline Period:	Clinical Episodes with Anchor discharge date/Anchor Procedure end date between 01/01/2013-12/31/2016
	Uses Medicare prices current through calendar year and fiscal year 2018 payment rates
Date:	May 17, 2018

Objective

This workbook summarizes preliminary Target Prices for all Episode Initiators under the Convener Participant and contains a breakdown of relevant Target Price components.

Filters

The preliminary Target Price tables in this workbook contain filters that allow Participants to filter to Clinical Episode category- and ACH/PGPspecific Target Prices. To filter by Clinical Episode category, click the drop down arrow in the Clinical Episode category column, select the Clinical Episode category you wish to filter to, and click ok. Additionally, the Target Price tabs can be further filtered by BPID, PGP/ACH and CCN/TIN.

Table of Contents

Definitions	Introduction to key terms and description of components used to construct preliminary Target Prices for each Episode Initiator and Clinical Episode category
TP Summary	Summary-level preliminary Target Price information for all Episode Initiators
TP Components	Preliminary Target Price table for all Episode Initiators, including the values of all components and adjustments
Risk Adjustment Parameters	Parameter estimates from the baseline period for both stage 1 and stage 2 OLS regression
Peer Group Characteristics	Peer group characteristics used to construct PAT Factors for all ACH Episode Initiators under the convener as well as all ACHs that are not part of the convener but initiate Clinical Episodes assigned to the PGP Episode

Target Price Summary Workbook: Definitions Tab

Definitions

А

Overview

Table 1. Key Terms

Initial Sort Order	Key Term	Location	Definition		
*	▼	▼	▼		
		TP_Summary	Indicates the BPID for the Episode Initiator. In the		
1	Episode Initiator BPID	TP_Components	Peer_Group_Characteristics tab, this column will be		
		Peer_Group_Characterstics	initiate Clinical Episodes attributed to the PGP		
		Patient_Level_Characteristics	Episode Initiators under the Convener Participant.		
		TP_Summary	Indicates whether the Enjsode Initiator is a Physician		
2	PGP/ACH	TP_Components	Group Practice (PGP) or an Acute Care Hospital (ACH)		
		Patient_Level_Characteristics	(.c)		
		TP_Summary			
3	CCN/TIN	TP_Components	Indicates the CCN or TIN for an ACH or PGP Episode		
		Patient_Level_Characteristics			
		TP_Summary			
4	ACH CCN Associated with Initiating Claim	TP_Components	Indicates the ACH CCN at which a PGP Episode Initiator initiates a Clinical Episode		
		Patient_Level_Characteristics			
		TP_Summary			
5	Clinical Enisode Category	TP_Components	Indicates the Clinical Episode category		
5	Chinical Episode Category	Risk_Adjustment_Parameters	indicates the clinical Episode category		
		Patient_Level_Characteristics			
		TP_Summary			
c	Clinical Enjanda Tursa (ID/OD)	TP_Components	Indicates whether the Clinical Episode category is		
o	Cimical Episode Type (IP/OP)	Risk_Adjustment_Parameters	inpatient (IP) or outpatient (OP)		

4	А	В	С	D	E	F	G	Н	Ι	J				
1 2 3	Prelimina Overview	ary Target	t Price Su	mmary										
4 5 6	Table 2. Preliminary Target Price Summary A period indicates data are missing because there are insufficient Clinical Episodes to calculate a Target Price.													
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Episode Initiator-ACH Baseline Clinical Episode Count	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminary Target Price in 2018 Real Dollars				
8	Ψ.	•	•	•	•	•	▼	•	•	*				
9	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	Y	\$9,105.97				
10	2	9999-2	ACH	H1	H1	P	Stroke	459	Y	\$25,944.93				
1	3	9999-2	ACH	H1	H1	P	Urinary tract infection	382	Y	\$21,865.99				
12	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177	Y	\$15,790.61				
13	5	9999-3	ACH	H2	H2	P	Stroke	70	Y	\$43,103.18				
L4	6	9999-3	ACH	H2	H2	P	Urinary tract infection	228	Y	\$19,284.43				
15	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$12,395.88				
16	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$12,461.58				
17	9	9999-4	PGP	P3	H4	P	Stroke	458	Y	\$30,771.65				
18	10	9999-5	PGP	P4	H5	P	Stroke	180	Y	\$30,417.20				
9	11	9999-5	PGP	P4	H6	P	Stroke	346	Y	\$33,987.28				
20	12	9999-5	PGP	P4	H7	P	Urinary tract infection	233	Y	\$25,906.25				
21	13	9999-6	ACH	H8	H8	P	Urinary tract infection	32	N					
22	14	9999-7	PGP	P5	H1	IP	Stroke	0	Y	\$25,944.93				

	А	В	С	D	E	F	G	н	I	J
1 2	Prelimina	ıry Targe	t Price Su	mmary						
3 4 5 6	Table 2. Prelin A period indicat	inary Target P es data are miss	rice Summary	re are insufficier.	Clinical Episod	les to calculate a	Target Price.			
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Episode Initiator-ACH Baseline Clinical Episode Count	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminar Target Price 2018 Real Dollars
8		-	•	*	~			* ·	•	
9	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	Y	\$9,105.97
10	2	9999-2	ACH	H1	H1	IP	Stroke	459	Y	\$25,944.93
1	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382	Y	\$21,865.99
12	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177	Y	\$15,790.61
13	5	9999-3	ACH	H2	H2	IP	Stroke	70	Y	\$43,103.18
L 4	6	9999-3	ACH	H2	H2	P	Urinary tract infection	228	Y	\$19,284.43
15	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$12,395.88
16	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$12,461.58
17	9	9999-4	PGP	P3	H4	P	Stroke	458	Y	\$30,771.65
18	10	9999-5	PGP	P4	H5	P	Stroke	180	Y	\$30,417.20
9	11	9999-5	PGP	P4	H6	P	Stroke		Y	\$33,987.28
20	12	9999-5	PGP	P4	H7	P	Urinary tract infection		Y	\$25,906.25
21	13	9999-6	ACH	H8	H8	P	Urinary tract infection		N	· · · · · · · · · · · · · · · · · · ·
22	14	9999-7	PGP	P5	H1	IP	Stroke	0	Y	\$25,944.93

	А	В	С	D	E	F			G	н	I	J
1 2	Prelimina	ary Targe	t Price Su	ımmary								
3	<u>Overview</u>											
4												
5	Table 2. Prelin	ninary Target Pi	rice Summary									
6	A period indicat	es data are miss	ing because the	re are insufficien	t Clinical Episod	es to calculate a	Target Price.					
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)		Clir	nical Episode Category	Episode Initiator-ACH Baseline Clinical Episode Count	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminary Target Price in 2018 Real Dollars
8	*	*	•	•	•	•			*	-	•	*
9	1	9999-2	ACH	H1	H1	OP	Back & neck except	A.	Sort A to Z	199	Y	\$9,105.97
10	2	9999-2	ACH	H1	H1	IP	Stroke	2*		459	Y	\$25,944.93
11	3	9999-2	ACH	H1	H1	IP	Urinary tract infectio	Ā↓	Sort Z to A	382	Y	\$21,865.99
12	4	9999-3	ACH	H2	H2	OP	Back & neck except	-	Sort by Color	177	Y	\$15,790.61
13	5	9999-3	ACH	H2	H2	IP	Stroke			70	Y	\$43,103.18
14	6	9999-3	ACH	H2	H2	IP	Urinary tract infectio	1 ×	<u>C</u> lear Filter From "(Column G)"	228	Y	\$19,284.43
15	7	9999-4	PGP	P3	H3	OP	Back & neck except		Filter by Color	43	Y	\$12,395.88
16	8	9999-4	PGP	P3	H4	OP	Back & neck except			126	Y	\$12,461.58
17	9	9999-4	PGP	P3	H4	IP	Stroke		l ext <u>F</u> ilters	458	Y	\$30,771.65
18	10	9999-5	PGP	P4	H5	IP	Stroke		Search O	180	Y	\$30,417.20
19	11	9999-5	PGP	P4	H6	IP	Stroke		-	346	Y	\$33,987.28
20	12	9999-5	PGP	P4	H7	IP	Urinary tract infectio	1	(Select All)	233	Y	\$25,906.25
21	13	9999-6	ACH	H8	H8	IP	Urinary tract infectio	1	Back & neck except spinal fusion	32	N	
22	14	9999-7	PGP	P5	H1	IP	Stroke		✓ Stroke	0	Y	\$25,944.93
23									Urinary tract infection			
24												
25												
26												
27												
28												
29												
30												
31									OK Cancel			
32												

4	Α	В	С	D	E	F	G	Н	I	J				
1														
2	Prelimina	ary Target	t Price Su	mmary										
з	<u>Overview</u>													
4														
5	Table 2. Prelim	ninary Target Pr	rice Summary											
6	A period indicates data are missing because there are insufficient Clinical Episodes to calculate a Target Price.													
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Episode Initiator-ACH Baseline Clinical Episode Count	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminary Target Price in 2018 Real Dollars				
8		*	¥	¥	¥	¥	*	*	~	*				
9	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	Y	\$9,105.97				
10	2	9999-2	ACH	H1	H1	IP	Stroke	459	Y	\$25,944.93				
11	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382	Y	\$21,865.99				
12	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177	Y	\$15,790.61				
13	5	9999-3	ACH	H2	H2	IP	Stroke	70	Y	\$43,103.18				
14	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228	Y	\$19,284.43				
15	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$12,395.88				
16	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$12,461.58				
17	9	9999-4	PGP	P3	H4	IP	Stroke	458	Y	\$30,771.65				
18	10	9999-5	PGP	P4	H5	IP	Stroke	180	Y	\$30,417.20				
19	11	9999-5	PGP	P4	H6	P	Stroke	346	Y	\$33,987.28				
20	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	Y	\$25,906.25				
21	13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32	N					
22	14	9999-7	PGP	P5	H1	P	Stroke	0	Y	\$25,944.93				

1	Α	В	С	D	E	F	G	Н	I	J
1		ary Targe	t Price Su	mmary						
5	oremen									
-	Table 2 Prelim	ninary Target P	rice Summary							
2	A period indicet	es dete ere miss	ing because the	re ere insufficien	t Clinical Enisod	les to celculate a	Tarrat Drica			
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	Episode Initiator-ACH Baseline Clinical Episode Count	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminary Target Price ir 2018 Real Dollars				
8	4	~	+	~	*	~		* · · · · ·		
9	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	Y	\$9,105.97
10	2	9999-2	ACH	H1	H1	IP	Stroke	459	Y	\$25,944.93
11	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382	Y	\$21,865.99
12	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177	Y	\$15,790.61
13	5	9999-3	ACH	H2	H2	IP	Stroke	70	Y	\$43,103.18
14	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228	Y	\$19,284.43
15	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$12,395.88
16	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$12,461.58
17	9	9999-4	PGP	P3	H4	IP	Stroke	458	Y	\$30,771.65
18	10	9999-5	PGP	P4	H5	IP	Stroke	180	Y	\$30,417.20
19		9999-5	PGP	P4	H6	IP	Stroke	346	Y	\$33,987.28
20	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	Y	\$25,906.25
21	13	9999-6	ACH	H8	H8	P	Urinary tract infection	32	N	· · · · · · · · · · · · · · · · · · ·
22	14	9999-7	PGP	P5	H1	IP	Stroke	0	Y	\$25,944.93

	А	В	С	D	E	F	G	Н	I	J
1 2 3	Prelimina Overview	ary Targe	t Price Su	mmary						
4 5 6	Table 2. Prelim	ninary Target Po es data are miss	rice Summary	Target Price.						
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Episode Initiator-ACH Baseline Clinical Episode Count	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminary Target Price in 2018 Real Dollars
8	4		+	¥	T	4	▼	.	_	~
9	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	Y	\$9,105.97
10	2	9999-2	ACH	H1	H1	IP	Stroke	459	Y	\$25,944.93
11	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382	Y	\$21,865.99
12	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177	Y	\$15,790.61
13	5	9999-3	ACH	H2	H2	IP	Stroke	70	Y	\$43,103.18
14	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228	Y	\$19,284.43
15	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$12,395.88
16	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$12,461.58
17	9	9999-4	PGP	P3	H4	IP	Stroke	458	Y	\$30,771.65
18	10	9999-5	PGP	P4	H5	IP	Stroke	180	Y	\$30,417.20
19	11	9999-5	PGP	P4	H6	IP	Stroke	346	Y	\$33,987.28
20	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	Y	\$25,906.25
21	13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32	N	
22	14	9999-7	PGP	P5	H1	IP	Stroke	0	Y	\$25,944.93

Α	В	С	D	E	F	G	Н	I	J
Prelimina Overview	ary Target	t Price Su	mmary						
Table 2. Prelim	ninary Target Pr	rice Summary							
A period indicat	es data are missi	ing because ther	re are insufficien	t Clinical Episod	les to calculate a	Target Price.			
Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Episode Initiator-ACH Baseline Clinical Episode Count	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminary Target Price in 2018 Real Dollars
*	*	*	•	•		▼	•	•	*
1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	Y	\$9,105.97
2	9999- 2	ACH	H1	H1	IP	Stroke	459	Y	\$25,944.93
3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382	Y	\$21,865.99
4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177	Y	\$15,790.61
5	9999-3	ACH	H2	H2	IP	Stroke	70	Y	\$43,103.18
6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228	Y	\$19,284.43
7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$12,395.88
8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$12,461.58
9	9999-4	PGP	P3	H4	IP	Stroke	458	Y	\$30,771.65
10	9999-5	PGP	P4	H5	IP	Stroke	180	Y	\$30,417.20
11	9999-5	PGP	P4	H6	IP	Stroke	346	Y	\$33,987.28
12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	Y	\$25,906.25
13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32	N	
14	9999-7	PGP	P5	H1	IP	Stroke	0	Y	\$25,944.93

	Α	В	С	D	E	F	G	Н	I	J
1		_								
2	Prelimina	ary Targe	t Price Su	mmary						
3	<u>Overview</u>									
4										
5	Table 2. Prelim	ninary Target P	rice Summary							
6	A period indicat	es data are miss								
	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Episode Initiator-ACH Baseline Clinical	> 40 Clinical Episodes Initiated by ACH in Baseline Period	Preliminary Target Price in 2018 Real Dollars
7								Episode Count		
8	¥	Y	Y	¥	· · · · ·	↓ 000	Pack & neck except exists fusion	Y	¥	
9	1	9999-2	ACH	H1	H1	UP 100	Chack & neck except spinal fusion	199	Y	\$9,105.97
10	2	9999-2	ACH	H1	H1	⊮		459	Y	\$25,944.93
11	3	9999-2	ACH	H1	H1	₽	Deals & each except exists fusion	382	Y	\$21,865.99
12	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal tusion	177	ΥΥ	\$15,790.61
13		9999-3	ACH	H2	H2	₽	Stroke	70	ΥΥ	\$43,103.18
14	6	9999-3	ACH	H2	H2	IP.	Urinary tract infection	228	ΥΥ	\$19,284.43
15	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$12,395.88
16	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$12,461.58
17	9	9999-4	PGP	P3	H4	IP	Stroke	458	Y	\$30,771.65
18	10	9999-5	PGP	P4	H5	IP	Stroke	180	Y	\$30,417.20
19	11	9999-5	PGP	P4	H6	IP	Stroke	346	Y	\$33,987.28
20	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	Y	\$25,906.25
21	13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32	N	
22	14	9999-7	PGP	P5	H1	IP	Stroke	0	Y	\$25,944.93

	А	В	С	D	E	F	G	Н	I	J	К	L	М
1 2 3	Prelimin Overview	ary Targe	t Price Co	omponen	ts								
4 5 6		Columns with ' in the Performa	"Preliminary" w ance Period to data.	vill be updated reflect realized					The step numb	pers below correspon	d to the steps from the Tar s.gov/Files/x/bpciadvanced-ta	get Price specifications	s document.
7 8 9	Table 3. Prelim A period indica	ninary Target Pri ates data are miss	ce Component	ts ere either are ins	sufficient Clinical	Episodes to calcu	late a Target Price or the metric doe	s not apply to the E	pisode Initiator.				
10 11	Initial Sort	Episode	PGP/ACH	CCN/TIN	ACH CCN Associated	Clinical Episode Type	Clinical Episode Category	Episode Initiator-ACH Baseline	> 40 Clinical Episodes Initiated by ACH	Clinical Episode Spending	Step 7	Step 8	Step 9
12 13	Order				Claim	(IP/OP)		Clinical Episode Count	in Baseline Period	(Observed Spending)	Dollar Amount	ACH Efficiency Measure	SBS
14	-	-	-	-	•	-		· •	-	*		* ·	
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	Y	\$10,939.25	\$11,296.28	0.97	\$10,932.18
16	2	9999-2	ACH	H1	H1	IP	Stroke	459	Y	\$30,738.22	\$33,049.76	1.02	\$33,862.29
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382	Y	\$24,368.01	\$24,036.48	1.08	\$25,945.88
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177	Y	\$11,796.26	\$11,296.28	1.09	\$12,286.28
19	5	9999-3	ACH	H2	H2	IP	Stroke	70	Y	\$30,933.79	\$33,049.76	0.89	\$29,424.48
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228	Y	\$17,974.53	\$24,036.48	0.83	\$19,990.08
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	Y	\$10,656.50	\$11,296.28	1.10	\$12,448.12
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	Y	\$11,374.58	\$11,296.28	1.03	\$11,651.65
23	9	9999-4	PGP	P3	H4	IP	Stroke	458	Y	\$34,697.95	\$33,049.76	1.11	\$36,548.61
24	10	9999-5	PGP	P4	H5	IP	Stroke	180	Y	\$34,926.90	\$33,049.76	0.87	\$28,687.07
25	11	9999-5	PGP	P4	H6	IP	Stroke	346	Y	\$21,415.18	\$33,049.76	1.05	\$34,786.87
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	Y	\$21,363.22	\$24,036.48	0.96	\$23,092.84
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32	N	\$16,890.00			
28	14	9999-7	PGP	P5	H1	IP	Stroke	0	Y	\$0.00	\$33,049.76	1.02	\$33,862.29

Preliminary Target Price Components

Overview

Columns with "Preliminary" will be updated in the Performance Period to reflect realized data.

Table 3. Preliminary Target Price Components

A period indicates data are missing because there either are insufficient Clinical Episodes to calculate a Target Price or the metric does

Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category
-	-	-	-	-	-	•
1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion
2	9999-2	ACH	H1	H1	IP	Stroke
3	9999-2	ACH	H1	H1	IP	Urinary tract infection
4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion
5	9999-3	ACH	H2	H2	IP	Stroke
6	9999-3	ACH	H2	H2	IP	Urinary tract infection
7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion
8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion
9	9999-4	PGP	P3	H4	IP	Stroke
10	9999-5	PGP	P4	H5	IP	Stroke
11	9999-5	PGP	P4	H6	IP	Stroke
12	9999-5	PGP	P4	H7	IP	Urinary tract infection
13	9999-6	ACH	H8	H8	IP	Urinary tract infection

Preliminary Target Price Components

Overview

Columns with "Preliminary" will be updated in the Performance Period to reflect realized data.

Table 3. Preliminary Target Price Components

A period indicates data are missing because there either are insufficient Clinical Episodes to calculate a Target Price or the metric does

Initial Sort	Episode	DODIACU	CONTRA	ACH CCN Associated	Clinical	Oliniaal Enira da Catavana	Step 13	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
Order	Initiator BPID	PGP/ACH	CCN/IIN	with Initiating	Episode Type (IP/OP)	Clinical Episode Category		PGP C)ffset		Preliminary	Preliminary PG
				Claim	(Measure	w/o Adjustment	w/ Adjustment	PGP-ACH Preliminary PCMA	Relative Case Mix	ACH Benchma Price
-	-	*	-	-	-	•		•	-	•	-	
1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion						· · · · ·
2	9999-2	ACH	H1	H1	IP	Stroke						
3	9999-2	ACH	H1	H1	IP	Urinary tract infection						
4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion						· · · · · ·
5	9999-3	ACH	H2	H2	IP	Stroke						
6	9999-3	ACH	H2	H2	IP	Urinary tract infection						
7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	1.02	0.92	0.96	0.94	1.00	\$11,490.20
8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	1.02	0.98	0.99	0.96	1.00	\$11,551.10
9	9999-4	PGP	P3	H4	IP	Stroke	1.03	0.93	0.97	1.05	1.06	\$35,482.82
10	9999-5	PGP	P4	H5	IP	Stroke	1.14	1.31	1.31	0.78	0.75	\$31,518.64
11	9999-5	PGP	P4	H6	IP	Stroke	1.14	1.08	1.08	0.88	0.85	\$35,218.00
12	9999-5	PGP	P4	H7	IP	Urinary tract infection	0.99	1.04	1.04	0.99	1.01	\$21,935.31
13	9999-6	ACH	H8	H8	IP	Urinary tract infection						
14	9999-7	PGP	P5	H1	IP	Stroke						

Prelimin Overview	ary Targe	t Price Co	omponen	ts								
	Columns with in the Perform	"Preliminary" v ance Period to data.	vill be updated reflect realized									
Table 3. Prelim A period indica	linary Target Pr i tes data are miss	ce Component	ts ere either are ins	ufficient Clinical	Episodes to calcu	late a Target Price or the metric does	6					
Initial Sort	Enisode			ACH CCN	Clinical		Step 13	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
Order	Initiator BPID	PGP/ACH	CCN/TIN	with Initiating	Episode Type (IP/OP)	Clinical Episode Category	PGP Efficiency	PGP C	Offset	PGP-ACH	Preliminary	Preliminary PGP-
				Claim			Measure	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Relative Case Mix	ACH Benchmark Price
.	.	.	•	•	T	.	•	T	~	¥	.	.
1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion					-	
2	9999-2	ACH	H1	H1	IP	Stroke						
3	9999-2	ACH	H1	H1	IP	Urinary tract infection						
4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion						
5	9999-3	ACH	H2	H2	IP	Stroke						
6	9999-3	ACH	H2	H2	IP	Urinary tract infection						
7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	1.02	0.92	0.96	0.94	1.00	\$11,490.20
8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	1.02	0.98	0.99	0.96	1.00	\$11,551.10
9	9999-4	PGP	P3	H4	IP	Stroke	1.03	0.93	0.97	1.05	1.06	\$35,482.82
10	9999-5	PGP	P4	H5	IP	Stroke	1.14	1.31	1.31	0.78	0.75	\$31,518.64
11	9999-5	PGP	P4	H6	IP	Stroke	1.14	1.08	1.08	0.88	0.85	\$35,218.00
12	9999-5	PGP	P4	H7	IP	Urinary tract infection	0.99	1.04	1.04	0.99	1.01	\$21,935.31
13	9999-6	ACH	H8	H8	IP	Urinary tract infection						
14	9999-7	PGP	P5	H1	IP	Stroke						

	Α	В	С	D	E	F	G	Q	R	S	Т	U	V
1 2 3	Prelimin	ary Targe	t Price Co	omponen	ts								
4 5 6		Columns with in the Perform	"Preliminary" v ance Period to data.	vill be updated reflect realized]								
7 8 9	Table 3. Prelim A period indica	ninary Target Pr tes data are miss	ice Component sing because the	t s ere either are ins	ufficient Clinical	Episodes to calcu	late a Target Price or the metric does		1				
10 11	Initial Sort	Enisode			ACH CCN Associated	Clinical		Step 13	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
12	Order	Initiator BPID	PGP/ACH	CCN/TIN	with Initiating	Episode Type (IP/OP)	Clinical Episode Category	PCP Efficiency	PGP (Offset		Preliminary	Preliminary PGP-
13					Claim			Measure	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Relative Case Mix	ACH Benchmark Price
14	-	.	-	-	-						-	•	
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion			·			
16	2	9999-2	ACH	H1	H1	IP	Stroke						
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	· · · · · · · · · · · · · · · · · · ·					
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion			· · · · · · · · · · · · · · · · · · ·			
19	5	9999-3	ACH	H2	H2	IP	Stroke						
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	1.02	0.92	0.96	0.94	1.00	\$11,490.20
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	1.02	0.98	0.99	0.96	1.00	\$11,551.10
23	9	9999-4	PGP	P3	H4	IP	Stroke	1.03	0.93	0.97	1.05	1.06	\$35,482.82
24	10	9999-5	PGP	P4	H5	IP	Stroke	1.14	1.31	1.31	0.78	0.75	\$31,518.64
25	11	9999-5	PGP	P4	H6	IP	Stroke	1.14	1.08	1.08	0.88	0.85	\$35,218.00
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	0.99	1.04	1.04	0.99	1.01	\$21,935.31
27	13	9999-6	ACH	H8	H8	IP IP	Urinary tract infection	. <u></u>		·		······	
28	14	9999-7	PGP	P5	H1	IP IP	Stroke						

	А	В	С	D	E	F	G	L	м	N	0	Р	Q
1 2 3	Prelimin	ary Targe	t Price Co	omponent	ts								
4 5 6 7		Columns with in the Perform	"Preliminary" w ance Period to data.	vill be updated reflect realized]			: Price specifications	document.				
8 9	Table 3. Prelin A period indica	ninary Target Pr ates data are miss	ice Component sing because the	s ere either are ins	ufficient Clinical	Episodes to calcul	ate a Target Price or the metric does	s					
10 11	Initial Sort	Episode	РСРИСН		ACH CCN Associated	Clinical Enisode Type	Clinical Enisode Category	Step 8	Step 9	Step 10	Step 11	Step 12	Step 13
12 13	Order	Initiator BPID	rgrach		with Initiating Claim	(IP/OP)	Chinical Episode Calegory	ACH Efficiency Measure	SBS	Preliminary PCMA	PAT Factor	Preliminary HBP	PGP Efficiency Measure
14	-		*	-	_	_	-	· _	-	•	.	•	_
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	0.97	\$10,932.18	0.96	1.04	\$10,889.25	
16	2	9999-2	ACH	H1	H1	IP	Stroke	1.02	\$33,862.29	0.93	0.97	\$30,736.09	-
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	1.08	\$25,945.88	1.01	0.91	\$23,834.13	
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	1.09	\$12,286.28	0.94	1.03	\$12,006.55	
19	5	9999-3	ACH	H2	H2	IP	Stroke	0.89	\$29,424.48	1.07	1.08	\$34,031.91	
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	0.83	\$19,990.08	0.98	0.91	\$17,680.94	
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	1.10	\$12,448.12	0.94	1.03	\$11,949.07	1.02
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	1.03	\$11,651.65	0.96	1.04	\$11,635.36	1.02
23	9	9999-4	PGP	P3	H4	IP	Stroke	1.11	\$36,548.61	0.99	0.96	\$34,615.11	1.03
24	10	9999-5	PGP	P4	H5	IP	Stroke	0.87	\$28,687.07	1.04	1.08	\$32,209.69	1.14
25		9999-5	PGP	P4	H6	I IP	Stroke	1.05	\$34,786.87	1.04	1.07	\$38,440.71	1.14
26	12	9999-5	PGP	P4	H7	<u>н</u>	Urinary tract infection	0.96	\$23,092.84	0.98	0.92	\$20,876.04	0.99
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection						
28	14	9999-7	PGP	P5	H1	IP	Stroke	1.02	\$33,862.29	0.93	0.97	\$30,736.09	

	А	В	С	D	E	F	G	L	М	N	0	Р	Q
1 2 3	Prelimin Overview	ary Target	t Price Co	omponent	ts								
4 5 6		Columns with ' in the Performa	"Preliminary" w ance Period to r data.	vill be updated reflect realized				t Price specifications	document.				
7 8 9	Table 3. Prelim A period indicat	linary Target Pri tes data are miss	ce Components	s re either are ins	ufficient Clinical	Episodes to calcu	late a Target Price or the metric does	5					
10 11	Initial Sort	Episode	РСР/АСН		ACH CCN Associated	Clinical Enisode Type	Clinical Enisode Category	Step 8	Step 9	Step 10	Step 11	Step 12	Step 13
12 13	Order	Initiator BPID	T OF IAON	CONTINU	with Initiating Claim	(IP/OP)	Chine Lpisode Calegory	ACH Efficiency Measure	SBS	Preliminary PCMA	PAT Factor	Preliminary HBP	PGP Efficiency Measure
14	-	_	T	*	*	.	-	.	T	-	-	•	•
15	1	9999-2	ACH	114									
16	2		ACII	пі	H1	OP	Back & neck except spinal fusion	0.97	\$10,932.18	0.96	1.04	\$10,889.25	· · · · · · · · · · · · · · · · · · ·
		9999-2	ACH	H1	H1 H1	IP	Back & neck except spinal fusion Stroke	0.97 1.02	\$10,932.18 \$33,862.29	0.96 0.93	1.04 0.97	\$10,889.25 \$30,736.09	
17	3	9999-2 9999-2	ACH ACH ACH	H1 H1	H1 H1 H1	IP IP	Back & neck except spinal fusion Stroke Urinary tract infection	0.97 1.02 1.08	\$10,932.18 \$33,862.29 \$25,945.88	0.96 0.93 1.01	1.04 0.97 0.91	\$10,889.25 \$30,736.09 \$23,834.13	······································
17 18	3	9999-2 9999-2 9999-3	ACH ACH ACH ACH	H1 H1 H1 H2	H1 H1 H1 H2	IP IP OP	Back & neck except spinal tusion Stroke Urinary tract infection Back & neck except spinal fusion	0.97 1.02 1.08 1.09	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28	0.96 0.93 1.01 0.94	1.04 0.97 0.91 1.03	\$10,889.25 \$30,736.09 \$23,834.13 \$12,006.55	
17 18 19	3 4 5	9999-2 9999-2 9999-3 9999-3	ACH ACH ACH ACH ACH	H1 H1 H2 H2	H1 H1 H1 H2 H2	IP IP OP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke	0.97 1.02 1.08 1.09 0.89	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48	0.96 0.93 1.01 0.94 1.07	1.04 0.97 0.91 1.03 1.08	\$10,889.25 \$30,736.09 \$23,834.13 \$12,006.55 \$34,031.91	
17 18 19 20	3 4 5 6	9999-2 9999-2 9999-3 9999-3 9999-3	ACH ACH ACH ACH ACH ACH	H1 H1 H2 H2 H2 H2	H1 H1 H1 H2 H2 H2 H2	IP IP OP IP IP IP	Back & neck except spinal fusion Stroke Uninary fract infection Back & neck except spinal fusion Stroke Uninary fract infection	0.97 1.02 1.08 1.09 0.89 0.83	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48 \$19,990.08	0.96 0.93 1.01 0.94 1.07 0.98	1.04 0.97 0.91 1.03 1.08 0.91	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94	· · · · · · · · · · · · · · · · · · ·
17 18 19 20 21	2 3 4 5 6 7	9999-2 9999-2 9999-3 9999-3 9999-3 9999-3 9999-4	ACH ACH ACH ACH ACH ACH ACH PGP	H1 H1 H2 H2 H2 H2 P3	H1 H1 H2 H2 H2 H3	IP IP OP IP IP OP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion	0.97 1.02 1.08 1.09 0.89 0.83 1.10	\$10,932 18 \$33,862 29 \$25,945 88 \$12,286 28 \$29,424 48 \$19,990 08 \$12,448 12	0.96 0.93 1.01 0.94 1.07 0.98 0.94	1.04 0.97 0.91 1.03 1.08 0.91 1.03	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94 \$11,949,07	1.02
17 18 19 20 21 22	2 3 4 5 6 7 8	9999-2 9999-2 9999-3 9999-3 9999-3 9999-4 9999-4	ACH ACH ACH ACH ACH ACH PGP PGP	H1 H1 H2 H2 H2 P3 P3	H1 H1 H2 H2 H2 H3 H4	0P IP IP OP IP IP OP OP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion	0.97 1.02 1.08 1.09 0.89 0.83 1.10 1.03	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48 \$19,990.08 \$12,448.12 \$11,651.65	0.96 0.93 1.01 0.94 1.07 0.98 0.94 0.96	1.04 0.97 0.91 1.03 1.08 0.91 1.03 1.04	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94 \$11,949,07 \$11,635,36	1.02 1.02
17 18 19 20 21 22 23	3 4 5 6 7 8 9	9999-2 9999-2 9999-3 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4	ACH ACH ACH ACH ACH ACH PGP PGP PGP	H1 H1 H2 H2 P3 P3 P3 P3	H1 H1 H2 H2 H2 H3 H4 H4	ОР IP IP OP IP OP OP OP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke	0.97 1.02 1.08 1.09 0.89 0.83 1.10 1.03 1.11	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48 \$19,990.08 \$12,448.12 \$11,651.65 \$36,548.61	0.96 0.93 1.01 0.94 1.07 0.98 0.94 0.96 0.99	1.04 0.97 0.91 1.03 1.08 0.91 1.03 1.04 0.96	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94 \$11,949,07 \$11,635,36 \$34,615,11	1.02 1.02 1.02 1.03
17 18 19 20 21 22 23 24	3 4 5 6 7 8 9 10	9999-2 9999-2 9999-3 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-5	ACH ACH ACH ACH ACH ACH PGP PGP PGP PGP	H1 H1 H2 H2 H2 P3 P3 P3 P3 P4	H1 H1 H2 H2 H2 H3 H4 H4 H5	0Р IP IP 0Р IP IP 0Р 0Р 0Р IP IP	Back & neck except spinal fusion Stroke Unnary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke Stroke	0.97 1.02 1.08 1.09 0.89 0.83 1.10 1.03 1.11 0.87	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48 \$19,990.08 \$12,448.12 \$11,651.65 \$36,548.61 \$28,687.07	0.96 0.93 1.01 0.94 1.07 0.98 0.94 0.96 0.99 1.04	1.04 0.97 0.91 1.03 1.08 0.91 1.03 1.04 0.96 1.08	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94 \$11,949,07 \$11,635,36 \$34,615,11 \$32,209,69	1.02 1.02 1.03 1.14
17 18 19 20 21 22 23 24 25	3 4 5 6 7 8 9 10 11	9999-2 9999-3 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-5 9999-5	ACH ACH ACH ACH ACH PGP PGP PGP PGP PGP	H1 H1 H2 H2 P3 P3 P3 P3 P3 P3 P4 P4	H1 H1 H2 H2 H2 H3 H4 H4 H4 H5 H6	0Р IP IP 0Р IP IP 0Р 0Р 0Р IP IP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke Stroke	0.97 1.02 1.08 0.89 0.83 1.10 1.03 1.11 0.87 1.05 	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48 \$19,990.08 \$12,448.12 \$11,651.65 \$36,548.61 \$28,687.07 \$34,786.87	0.96 0.93 1.01 0.94 1.07 0.98 0.94 0.96 0.99 1.04 1.04	1.04 0.97 0.91 1.03 1.08 0.91 1.03 1.04 0.96 1.08 1.07	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94 \$11,949,07 \$11,635,36 \$34,615,11 \$32,209,69 \$38,440,71	1.02 1.02 1.03 1.14 1.14
17 18 19 20 21 22 23 24 25 26	2 3 4 5 6 7 8 9 10 11 11 12	9999-2 9999-3 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-4 9999-5 9999-5 9999-5	ACH ACH ACH ACH ACH PGP PGP PGP PGP PGP PGP	H1 H1 H2 H2 P3 P3 P3 P3 P3 P3 P4 P4 P4 P4	H1 H1 H2 H2 H2 H3 H4 H4 H4 H5 H6 H7	0Р IP IP 0Р IP 0Р 0Р IP IP IP IP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke Stroke Stroke Urinary tract infection	0.97 1.02 1.08 1.09 0.89 0.83 1.10 1.03 1.11 0.87 1.05 0.96	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48 \$19,990.08 \$12,448.12 \$11,651.65 \$36,548.61 \$28,687.07 \$34,786.87 \$23,092.84	0.96 0.93 1.01 0.94 1.07 0.98 0.94 0.96 0.99 1.04 1.04 1.04 0.98	1.04 0.97 0.91 1.03 1.08 0.91 1.03 1.08 1.03 1.04 0.96 1.08 1.07 0.92	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94 \$11,949,07 \$11,635,36 \$34,615,11 \$32,209,69 \$38,440,71 \$20,876,04	1.02 1.02 1.03 1.14 1.14 0.99
17 18 19 20 21 22 23 24 25 26 27	3 4 5 6 7 8 9 10 11 11 12 13	9999-2 9999-2 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-4 9999-5 9999-5 9999-5 9999-5	ACH ACH ACH ACH ACH ACH PGP PGP PGP PGP PGP PGP PGP PGP ACH	H1 H1 H2 H2 P3 P3 P3 P3 P3 P4 P4 P4 P4 H8	H1 H1 H2 H2 H2 H3 H4 H4 H5 H6 H7 H8	0Р IP IP 0P IP 0P 0P 0P IP IP IP IP IP	Back & neck except spinal fusion Stroke Uninary tract infection Back & neck except spinal fusion Stroke Uninary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke Stroke Stroke Uninary tract infection Uninary tract infection	0.97 1.02 1.08 1.09 0.89 0.83 1.10 1.03 1.11 0.87 1.05 0.96	\$10,932.18 \$33,862.29 \$25,945.88 \$12,286.28 \$29,424.48 \$19,990.08 \$12,448.12 \$11,651.65 \$36,548.61 \$28,687.07 \$34,786.87 \$23,092.84	0.96 0.93 1.01 0.94 1.07 0.98 0.94 0.96 0.99 1.04 1.04	1.04 0.97 0.91 1.03 1.08 0.91 1.03 1.04 0.96 1.08 1.07 0.92	\$10,889,25 \$30,736,09 \$23,834,13 \$12,006,55 \$34,031,91 \$17,680,94 \$11,949,07 \$11,635,36 \$34,615,11 \$32,09,69 \$38,440,71 \$20,876,04	1.02 1.02 1.03 1.14 1.14 0.99

	А	В	С	D	E	F	G	J	К	L	М	N
1 2 3	Prelimin Overview	ary Targe	t Price Co	omponent	ts							
4 5 6		Columns with in the Perform	"Preliminary" w ance Period to r data.	vill be updated reflect realized				ers below correspor	id to the steps from the Targe s.gov/Files/x/bpciadvanced-targ	: Price specifications	document.	
7 8 9	Table 3. Prelim A period indica	ninary Target Pri tes data are miss	ce Component	s re either are ins	ufficient Clinical I	Episodes to calcul	ate a Target Price or the metric doe	s				
10 11	Initial Sort	Episode	PGP/ACH	CCN/TIN	ACH CCN Associated	Clinical Episode Type	Clinical Enisode Category	Clinical Episode Spending	Step 7	Step 8	Step 9	Step 10
12 13	Order	Initiator BPID	T OF /AGIT		with Initiating Claim	(IP/OP)		(Observed Spending)	Dollar Amount	ACH Efficiency Measure	SBS	Preliminary PCMA
14		¥	v	*	*	*		·	v	•	¥	*
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	\$10,939.25	\$11,296.28	0.97	\$10,932.18	0.96
16	2	9999-2	ACH	H1	H1	IP	Stroke	\$30,738.22	\$33,049.76	1.02	\$33,862.29	0.93
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	\$24,368.01	\$24,036.48	1.08	\$25,945.88	1.01
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	\$11,796.26	\$11,296.28	1.09	\$12,286.28	0.94
19	5	9999-3	ACH	H2	H2	IP	Stroke	\$30,933.79	\$33,049.76	0.89	\$29,424.48	1.07
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	\$17,974.53	\$24,036.48	0.83	\$19,990.08	0.98
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	\$10,656.50	\$11,296.28	1.10	\$12,448.12	0.94
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	\$11,374.58	\$11,296.28	1.03	\$11,651.65	0.96
23	9	9999-4	PGP	P3	H4	Lh Ih	Stroke	\$34,697.95	\$33,049.76	1.11	\$36,548.61	0.99
24	10	9999-5	PGP	P4	H5		Stroke	\$34,926.90	\$33,049.76	0.87	\$28,687.07	1.04
25	11	9999-5	PGP	P4	H6	L IP	Stroke	\$21,415.18	\$33,049.76	1.05	\$34,786.87	1.04
26	12	9999-5	PGP	P4	H7	19	Urinary tract infection	\$21,363.22	\$24,036.48	0.96	\$23,092.84	0.98
27	13	9999-6	ACH	H8	H8	19	Urinary tract infection	\$16,890.00		·····		
28	14	9999-7	PGP	P5	H1	IP	Stroke	\$0.00	\$33,049.76	1.02	\$33,862.29	0.93

	А	В	С	D	E	F	G	Р	Q	R	S	Т	U
1 2 3	Prelimin Overview	ary Targe	t Price Co	omponent	ts								
4 5 6 7 8	Table 3. Prelim	Columns with in the Perform inary Target Pri	"Preliminary" v ance Period to data. ice Component	vill be updated reflect realized ts]								
9 10 11	<u>A period indica</u> Initial Sort	tes data are miss Episode	sing because the	ere either are ins	ACH CCN ASSociated	Episodes to calcu Clinical	late a Target Price or the metric does	s Step 12	Step 13	Step 14a	Step 14b	Step 15a	Step 15b
12	Order	Initiator BPID	PGP/ACH	CCN/TIN	with Initiating Claim	Episode Type (IP/OP)	Clinical Episode Category	Broliminon, UBB	PGP Efficiency	PGP	Offset	PGP-ACH	Preliminary
13									Measure	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Mix
14	-	.	-	.	•		-		.	.	~	_	.
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	\$10,889.25					
16	2	9999-2	ACH	H1	H1	IP	Stroke	\$30,736.09				-	-
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	\$23,834.13					
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	\$12,006.55					
19	5	9999-3	ACH	H2	H2	IP	Stroke	\$34,031.91					
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	\$17,680.94					
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	\$11,949.07	1.02	0.92	0.96	0.94	1.00
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	\$11,635.36	1.02	0.98	0.99	0.96	1.00
23	9	9999-4	PGP	P3	H4	IP	Stroke	\$34,615.11	1.03	0.93	0.97	1.05	1.06
24	10	9999-5	PGP	P4	H5	IP	Stroke	\$32,209.69	1.14	1.31	1.31	0.78	0.75
25	11	9999-5	PGP	P4	H6	IP	Stroke	\$38,440.71	1.14	1.08	1.08	0.88	0.85
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	\$20,876.04	0.99	1.04	1.04	0.99	1.01
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection						
28	14	9999-7	PGP	P5	H1	IP	Stroke	\$30,736.09			-	-	-

	А	В	С	D	E	F	G	Q	R	S	Т	U	V
1 2 3	Prelimin Overview	ary Targe	t Price Co	omponent	ts								
4 5 6		Columns with in the Perform	"Preliminary" w ance Period to r data.	vill be updated reflect realized									
7 8 9	Table 3. Prelim A period indicat	inary Target Pri tes data are miss	ce Component	s ere either are ins	ufficient Clinical	Episodes to calcu	late a Target Price or the metric doe.	s					
10 11	Initial Sort	Episode	BCBIACH	CONUTIN	ACH CCN Associated	Clinical	Clinical Enjando Catagony	Step 13	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
12	Order	Initiator BPID	FGF/ACH	CCN/IIN	with Initiating Claim	(IP/OP)	Clinical Episode Category	PGP Efficiency	PGP (Offset	PGP-ACH	Preliminary Relative Case	Preliminary PGP-
13								Measure	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Mix	Price
14	v	.	v	-	~	-	-	·	~	•	~	*	-
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	· .					
16	2	9999-2	ACH	H1	H1	IP	Stroke						
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection						
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion						
19	5	9999-3	ACH	H2	H2	IP	Stroke			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection						
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	1.02	0.92	0.96	0.94	1.00	\$11,490.20
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	1.02	0.98	0.99	0.96	1.00	\$11,551.10
23	9	9999-4	PGP	P3	H4	IP	Stroke	1.03	0.93	0.97	1.05	1.06	\$35,482.82
24	10	9999-5	PGP	P4	H5	IP	Stroke	1.14	1.31	1.31	0.78	0.75	\$31,518.64
25	11	9999-5	PGP	P4	H6	IP	Stroke	1.14	1.08	1.08	0.88	0.85	\$35,218.00
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	0.99	1.04	1.04	0.99	1.01	\$21,935.31
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection						
20	14	0000 7	PGP	P5	H1	I IP	Stroke				1		

	А	В	С	D	E	F	G	Q	R	S	Т	U
1 2	Prelimin	ary Targe	t Price Co	mponen	ts							
3	Overview											
4 5 6 7		Columns with in the Perform	"Preliminary" w ance Period to ı data.	rill be updated reflect realized]							
8	Table 3. Prelin	ninary Target Pri	ice Component	s								
9	A period indica	tes data are miss	sing because the	re either are ins	ufficient Clinical	Episodes to calcu	late a Target Price or the metric does					
10 11	Initial Sort	Episode	DODINOU	001//711	ACH CCN Associated	Clinical		Step 13	Step 14a	Step 14b	Step 15a	Step 15b
12	Order	Initiator BPID	PGP/ACH	CCN/TIN	with Initiating	Episode Type (IP/OP)	Clinical Episode Category	PGP Efficiency	PGP	Offset	PCP-ACH	Preliminary
13					Claim			Measure	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Relative Case Mix
14	¥	*	*	v	~	v	•	~	•	•	~	*
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion					
16	2	9999-2	ACH	H1	H1	IP	Stroke				······	
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection				· · · · · · · · · · · · · · · · · · ·	
18	4	9999-3	ACH	H2	H2	0P	Back & neck except spinal fusion			·····		
19	5	9999-3	ACH	H2	H2	IP D	Stroke	·····			·	······
20	b 7	9999-3	ACH	HZ D2	HZ							· · · · · · · · · · · · · · · · · · ·
21		9999-4	PGP	P3	H3		Back & neck except spinal fusion	1.02	0.92	0.96	0.94	1.00
22	0	9999-4	PGP	F3 D2	П4 ЦИ		Stroke	1.02	0.90	0.99	1.05	1.00
24	10	9999-4	PGP	P4	H5	IP	Stroke	1.05	1 31	1 31	0.78	0.75
25	11	9999-5	PGP		H6		Stroke	1 14	1.01	1.01	0.88	0.85
26		9999-5	PGP		H7	IP	Urinary tract infection	0.99	1.04	1.04	0.99	1.01
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection					
28	14	9999-7	PGP	P5	H1	IP	Stroke	-				

	А	В	С	D	E	F	G	Н	R	S	т	U	V
1	Prelimin	arv Targe	t Price Co	mnonen	te								
2	<u>Overview</u>	ary range		mponen	13								
4 5		Columns with	"Preliminary" v	vill be updated]								
6		in the Perform	ance Period to data.	reflect realized									
7	Table 3 Prelim	inan/ Target Pr	ice Component	•	1								
9	A period indica	tes data are mis	sing because the	are either are ins	sufficient Clinical	Episodes to calcu	late a Target Price or the metric does	not apply to the E	pisode Initiator.				
10 11	Initial Sort	Episode			ACH CCN Associated	Clinical		Episode Initiator-ACH	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
12	Order	Initiator BPID	PGP/ACH	CCN/TIN	with Initiating Claim	Episode Type (IP/OP)	Clinical Episode Category	Baseline Clinical Episode Count	PGP (Offset	PGP-ACH Preliminary PCMA	Preliminary Relative Case	Preliminary PGP- ACH Benchmark

10 11	Initial Sort	Episode			ACH CCN Associated	Clinical		Episode Initiator-ACH	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
12	Order	Initiator BPID	PGP/ACH	CCN/TIN	with Initiating	Episode Type (IP/OP)	Clinical Episode Category	Baseline	PGP (Offset		Preliminary	Preliminary PGP-
13					Claim			Episode Count	w/o Adjustment	w/ Adjustment	PGP-ACH Preliminary PCMA	Relative Case Mix	ACH Benchmark Price
14	-	*	*	_	*	-	4	·	-	-	-	*	_
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199	-			-	
16	2	9999-2	ACH	H1	H1	IP	Stroke	459					
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382					
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177				-	
19	5	9999-3	ACH	H2	H2	IP	Stroke	70	-			-	
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228					
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	0.92	0.96	0.94	1.00	\$11,490.20
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	0.98	0.99	0.96	1.00	\$11,551.10
23	9	9999-4	PGP	P3	H4	IP	Stroke	458	0.93	0.97	1.05	1.06	\$35,482.82
24	10	9999-5	PGP	P4	H5	IP	Stroke	180	1.31	1.31	0.78	0.75	\$31,518.64
25	11	9999-5	PGP	P4	H6	IP	Stroke	346	1.08	1.08	0.88	0.85	\$35,218.00
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	1.04	1.04	0.99	1.01	\$21,935.31
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32					
28	14	9999-7	PGP	P5	H1	IP	Stroke	0				-	

	А	В	С	D	E	F	G	Н	R	S	Т	U	V
1	Prelimin	arv Targe	t Price Co	mnonen	te								
2	Ουοριίουν	ary range		mponem									
3	Overview												
5		Columns with in the Perform	"Preliminary" w ance Period to	vill be updated reflect realized									
6			data.										
7													
8	A period indice	tos data are miss	ce Component	S Sere either are ins	ufficient Clinical	Enisodes to calcu	late a Target Price or the metric doe	not apply to the E	nisode Initiator				
	- penda malca		ang because the		uncient chinicari	Episodes to carca	ale a raiger nee of the methe doe	s not apply to the E	pisode initiator.				
10					ACH CCN	Clinical		Episode	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
11	Initial Sort	Episode	PGP/ACH	CCN/TIN	Associated	Episode Type	Clinical Episode Category	Baseline			1		
12	Order	Initiator BPID			Claim	(IP/OP)		Clinical	PGP	Offset	PGP-ACH	Preliminary	Preliminary PGP-
13								Episode Count	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Mix	Price
14	v	-		.	.	-			×	•	•	*	-
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199				-	
16	2	9999-2	ACH	H1	H1	IP	Stroke	459					
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382	· · · · ·				
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177					
19	5	9999-3	ACH	H2	H2	IP	Stroke	70					
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228	· · · ·				
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	0.92	0.96	0.94	1.00	\$11,490.20
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	0.98	0.99	0.96	1.00	\$11,551.10
23	9	9999-4	PGP	P3	H4	IP	Stroke	458	0.93	0.97	1.05	1.06	\$35,482.82
24	10	9999-5	PGP	P4	H5	IP	Stroke	180	1.31	1.31	0.78	0.75	\$31,518.64
25	11	9999-5	PGP	P4	H6	IP	Stroke	346	1.08	1.08	0.88	0.85	\$35,218.00
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	1.04	1.04	0.99	1.01	\$21,935.31
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32					
28	14	9999-7	PGP	P5	H1	IP	Stroke	0				-	-

	А	В	С	D	E	F	G	Н	R	S	Т	U	V
1	Brolimin	on Torgo	+ Bries Co		t								
2	Prenimin	ary rarge		mponen	15								
3	Overview												
5		Columns with	"Preliminary" w	vill be updated	1								
		in the Perform	ance Period to	reflect realized									
6			data.										
7	T 1 1 0 D 1												
8	A period indice	tos data are miss	ice Component	S aro oithor aro ins	ufficient Clinical	Enisodes to calcu	late a Tarriet Price or the metric does	not apply to the E	nisode Initiator				
-	A period marca		sing because inc					not apply to the E	bisode initiator.				
10					ACH CCN	Clinical		Episode	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
11	Initial Sort	Episode	PGP/ACH	CCN/TIN	Associated	Episode Type	Clinical Episode Category	Baseline	B 0 D (
12	Order	Initiator BPID			Claim	(IP/OP)		Clinical	PGP (oπset	PGP-ACH	Preliminary Relative Case	Preliminary PGP-
13								Episode Count	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Mix	Price
14	•				-	*		.	•		·	.	T
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199					
15 16	1 2	9999-2 9999-2	ACH ACH	H1 H1	H1 H1	OP IP	Back & neck except spinal fusion Stroke	199 459					
15 16 17	1 2 3	9999-2 9999-2 9999-2	ACH ACH ACH	H1 H1 H1	H1 H1 H1	OP IP IP	Back & neck except spinal fusion Stroke Urinary tract infection	199 459 382		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
15 16 17 18	1 2 3 4	9999-2 9999-2 9999-2 9999-3	ACH ACH ACH ACH	H1 H1 H1 H2	H1 H1 H1 H2	OP IP IP OP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion	199 459 382 177					
15 16 17 18 19	1 2 3 4 5	9999-2 9999-2 9999-2 9999-3 9999-3	ACH ACH ACH ACH ACH ACH	H1 H1 H1 H2 H2	H1 H1 H1 H2 H2	OP IP IP OP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke	199 459 382 177 70					······
15 16 17 18 19 20	1 2 3 4 5 6	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3	ACH ACH ACH ACH ACH ACH ACH	H1 H1 H2 H2 H2 H2	H1 H1 H2 H2 H2 H2	OP IP IP OP IP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection	199 459 382 177 70 228					
15 16 17 18 19 20 21	1 2 3 4 5 6 7	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3 9999-4	ACH ACH ACH ACH ACH ACH ACH PGP	H1 H1 H2 H2 H2 P3	H1 H1 H2 H2 H2 H2 H2 H3	OP IP IP OP IP IP OP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion	199 459 382 177 70 228 43	0.92	0.96	0.94	1.00	\$11,490.20
15 16 17 18 19 20 21 22	1 2 3 4 5 6 7 8	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3 9999-3 9999-4	ACH ACH ACH ACH ACH ACH ACH PGP PGP	H1 H1 H2 H2 H2 H2 P3 P3	H1 H1 H2 H2 H2 H2 H3 H4	OP IP OP IP IP IP OP OP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion	199 459 382 177 70 228 43 126	0.92	0.96	0.94	1.00	\$11,490.20 \$11,551.10
15 16 17 18 19 20 21 22 23	1 2 3 4 5 6 7 8 8 9	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3 9999-3 9999-4 9999-4	ACH ACH ACH ACH ACH ACH PGP PGP PGP	H1 H1 H2 H2 H2 H2 P3 P3 P3 P3	H1 H1 H2 H2 H2 H3 H4 H4	0P IP 0P IP IP 0P 0P 0P 0P	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke	199 459 382 177 70 228 43 126 458	0.92 0.98 0.93	0.96 0.99 0.97	0.94 0.96 1.05	1.00 1.00 1.06	\$11,490.20 \$11,551.10 \$35,482.82
15 16 17 18 19 20 21 22 23 24	1 2 3 4 5 6 7 8 9 10	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-4	ACH ACH ACH ACH ACH ACH PGP PGP PGP PGP	H1 H1 H2 H2 P3 P3 P3 P3 P3 P3 P4	H1 H1 H2 H2 H2 H3 H4 H4 H5	0P IP 0P IP IP 0P 0P 0P 0P IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke	199 459 382 177 70 228 43 126 458 180	0.92 0.98 0.93 1.31	0.96 0.99 0.97 1.31	0.94 0.96 1.05 0.78	1.00 1.00 1.06 0.75	\$11,490.20 \$11,551.10 \$35,482.82 \$31,518.64
15 16 17 18 19 20 21 22 23 24 25	1 2 3 4 5 6 7 7 8 9 10 11	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-5 9999-5	ACH ACH ACH ACH ACH ACH PGP PGP PGP PGP PGP	H1 H1 H2 H2 H2 P3 P3 P3 P3 P3 P4 P4	H1 H1 H2 H2 H2 H3 H4 H4 H4 H5 H6	0P IP 0P IP 0P 0P 0P 0P IP IP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke Stroke	199 459 382 177 70 228 43 126 458 180 346	0.92 0.98 0.93 1.31 1.08	0.96 0.99 0.97 1.31 1.08	0.94 0.96 1.05 0.78 0.88	1.00 1.00 1.06 0.75 0.85	\$11,490,20 \$11,551,10 \$35,482,82 \$31,518,64 \$35,218,00
15 16 17 18 19 20 21 22 23 24 25 26	1 2 3 4 5 6 7 7 8 9 10 11 11 12	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-5 9999-5	ACH ACH ACH ACH ACH PGP PGP PGP PGP PGP PGP	H1 H1 H2 H2 H2 P3 P3 P3 P3 P3 P4 P4 P4 P4	H1 H1 H2 H2 H2 H3 H4 H4 H4 H5 H6 H7	0P IP 0P IP 0P 0P 0P 0P IP IP IP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke Stroke Stroke Urinary tract infection	199 459 382 177 70 228 43 126 458 180 346 233	0.92 0.98 0.93 1.31 1.08 1.04	0.96 0.99 0.97 1.31 1.08 1.04	0.94 0.96 1.05 0.78 0.88 0.99	1.00 1.00 1.06 0.75 0.85 1.01	\$11,490,20 \$11,551,10 \$35,482,82 \$31,518,64 \$35,218,00 \$21,935,31
15 16 17 18 19 20 21 22 23 24 25 26 27	1 2 3 4 5 6 7 8 9 10 11 11 12 13	9999-2 9999-2 9999-2 9999-3 9999-3 9999-3 9999-4 9999-4 9999-4 9999-5 9999-5 9999-5 9999-5	ACH ACH ACH ACH ACH ACH PGP PGP PGP PGP PGP PGP PGP PGP	H1 H1 H2 H2 H2 P3 P3 P3 P3 P3 P4 P4 P4 P4 H8	H1 H1 H2 H2 H2 H3 H4 H4 H4 H5 H6 H7 H8	OP IP OP IP OP OP OP IP IP IP IP IP IP	Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Stroke Urinary tract infection Back & neck except spinal fusion Back & neck except spinal fusion Stroke Stroke Urinary tract infection Urinary tract infection	199 459 382 177 70 228 43 126 458 180 346 233 32	0.92 0.98 0.93 1.31 1.08 1.04	0.96 0.99 0.97 1.31 1.08 1.04	0.94 0.96 1.05 0.78 0.88 0.99	1.00 1.00 1.06 0.75 0.85 1.01	\$11,490.20 \$11,551.10 \$35,482.82 \$31,518.64 \$35,218.00 \$21,935.31

	Α	В	С	D	E	F	G	Н	R	S	Т	U	V
1	Dralimin		4 Deine Ca		ta.								
2	Freimin	ary rarge	T Price Co	omponen	IS								
3	Overview												
5		Columns with in the Perform	"Preliminary" v ance Period to data.	vill be updated reflect realized									
7				-									
8	Table 3. Prelim	inary Target Pr	ice Component	ts pro oithor arc inc	ufficient Clinical	Enjandon to oplasi	late a Tarract Driag or the matric day	not apply to the F	nioodo Initiator				
-	A penoa maica	les dala are mis	sing because the	ere eitner are ins		Episodes to calcul	late a Target Price of the metric does	not apply to the E	pisode milialor.				
10					ACH CCN	Oliviani		Episode	Step 14a	Step 14b	Step 15a	Step 15b	Step 16
11	Initial Sort	Episode	PGP/ACH	CCN/TIN	Associated	Episode Type	Clinical Episode Category	Baseline		N84			
12	Order	Initiator BPID			Claim	(IP/OP)		Clinical	PGP	Offset	PGP-ACH	Preliminary Relative Case	Preliminary PGP-
13								Episode Count	w/o Adjustment	w/ Adjustment	Preliminary PCMA	Mix	Price
14	~	.	-	_	-	_	-	~			~	-	.
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion	199					
16	2	9999-2	ACH	H1	H1	IP	Stroke	459				· · · ·	
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection	382		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion	177					
19	5	9999-3	ACH	H2	H2	IP	Stroke	70				<u>.</u>	
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection	228					
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	43	0.92	0.96	0.94	1.00	\$11,490.20
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	126	0.98	0.99	0.96	1.00	\$11,551.10
23	9	9999-4	PGP	P3	H4	IP	Stroke	458	0.93	0.97	1.05	1.06	\$35,482.82
24	10	9999-5	PGP	P4	H5	IP	Stroke	180	1.31	1.31	0.78	0.75	\$31,518.64
25	11	9999-5	PGP	P4	H6	IP	Stroke	346	1.08	1.08	0.88	0.85	\$35,218.00
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	233	1.04	1.04	0.99	1.01	\$21,935.31
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection	32					
28	14	9999-7	PGP	P5	H1	IP	Stroke	0	-				

	А	В	С	D	E	F	G	R	S	Т	U	V	W
1 2 3	Prelimin	ary Targe	t Price Co	omponen	ts								
4 5 6 7		Columns with in the Perform	"Preliminary" v ance Period to data.	vill be updated reflect realized]								
8 9	Table 3. Prelin A period indica	ninary Target Pr ates data are miss	ice Component	ts ere either are ins	sufficient Clinical	Episodes to calcu	late a Target Price or the metric does	pisode Initiator.					
10 11	Initial Sort	Episode	505/1011		ACH CCN Associated	Clinical		Step 14a	Step 14b	Step 15a	Step 15b	Step 16	Step 17
12	Order	Initiator BPID	PGP/ACH	CCN/IIN	with Initiating	Episode Type (IP/OP)	Clinical Episode Category	PGP	Offset		Preliminary	Preliminary PGP-	Proliminan
13					Claim	(w/o Adjustment	w/ Adjustment	Preliminary PCMA	Relative Case Mix	ACH Benchmark Price	Target Price
14	-	-	-	-	-	.	-	.	-	-	•	.	-
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion						\$10,562.57
16	2	9999-2	ACH	H1	H1	IP	Stroke						\$29,814.01
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection						\$23,119.11
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion		· · · · · · · · · · · · · · · · · · ·	· · · · · ·			\$11,646.35
19	5	9999-3	ACH	H2	H2	IP	Stroke	· · · · · · · · · · · · · · · · · · ·	· · · · · ·			· · · · ·	\$33,010.95
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection		· · · · ·			· · · · ·	\$17,150.51
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	0.92	0.96	0.94	1.00	\$11,490.20	\$11,145.49
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	0.98	0.99	0.96	1.00	\$11,551.10	\$11,204.56
23	9	9999-4	PGP	P3	H4	IP	Stroke	0.93	0.97	1.05	1.06	\$35,482.82	\$34,418.34
24	10	9999-5	PGP	P4	H5	IP	Stroke	1.31	1.31	0.78	0.75	\$31,518.64	\$30,573.08
25	11	9999-5	PGP	P4	H6	IP	Stroke	1.08	1.08	0.88	0.85	\$35,218.00	\$34,161.46
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	1.04	1.04	0.99	1.01	\$21,935.31	\$21,277.25
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection			·		·	
28	14	9999-7	PGP	P5	H1	IP	Stroke		-				\$29,814.01

	А	В	С	D	E	F	G	Т	U	V	W	Х	Y
1 2 3	Prelimin	ary Targe	t Price Co	omponent	ts								
4 5 6		Columns with in the Perform	"Preliminary" w ance Period to data.	vill be updated reflect realized									
7 8 9	Table 3. Prelin A period indica	ninary Target Pri ates data are miss	ice Component	ts ere either are ins	ufficient Clinical I	Episodes to calcu	late a Target Price or the metric doe	s					
10 11	Initial Sort	Episode	DOD/4 OU		ACH CCN Associated	Clinical		Step 15a	Step 15b	Step 16	Step 17	Step 18	Preliminary Target Price in
12 13	Order	Initiator BPID	PGP/ACH	CCN/IIN	with Initiating Claim	Episode Type (IP/OP)	Clinical Episode Category	PGP-ACH Preliminary PCMA	Preliminary Relative Case Mix	Preliminary PGP- ACH Benchmark Price	Preliminary Target Price	Preliminary Ratio of Real Dollars to Payment Std. Dollars	2018 Real Dollars
14	-	· •	*	-	•	-		·	-	•			-
15	1	9999-2	ACH	H1	H1	OP	Back & neck except spinal fusion				\$10,562.57	0.86	\$9,105.97
16	2	9999-2	ACH	H1	H1	IP	Stroke				\$29,814.01	0.87	\$25,944.93
17	3	9999-2	ACH	H1	H1	IP	Urinary tract infection				\$23,119.11	0.95	\$21,865.99
18	4	9999-3	ACH	H2	H2	OP	Back & neck except spinal fusion			· · · · · · · · · · · · · · · · · · ·	\$11,646.35	1.36	\$15,790.61
19	5	9999-3	ACH	H2	H2	IP	Stroke				\$33,010.95	1.31	\$43,103.18
20	6	9999-3	ACH	H2	H2	IP	Urinary tract infection				\$17,150.51	1.12	\$19,284.43
21	7	9999-4	PGP	P3	H3	OP	Back & neck except spinal fusion	0.94	1.00	\$11,490.20	\$11,145.49	1.11	\$12,395.88
22	8	9999-4	PGP	P3	H4	OP	Back & neck except spinal fusion	0.96	1.00	\$11,551.10	\$11,204.56	1.11	\$12,461.58
23	9	9999-4	PGP	P3	H4	IP	Stroke	1.05	1.06	\$35,482.82	\$34,418.34	0.89	\$30,771.65
24	10	9999-5	PGP	P4	H5	IP	Stroke	0.78	0.75	\$31,518.64	\$30,573.08	0.99	\$30,417.20
25	11	9999-5	PGP	P4	H6	IP	Stroke	0.88	0.85	\$35,218.00	\$34,161.46	0.99	\$33,987.28
26	12	9999-5	PGP	P4	H7	IP	Urinary tract infection	0.99	1.01	\$21,935.31	\$21,277.25	1.22	\$25,906.25
27	13	9999-6	ACH	H8	H8	IP	Urinary tract infection			·			
28	14	9999-7	PGP	P5	H1	IP IP	Stroke		-		\$29,814.01	0.87	\$25,944.93

	А	В	С	D	E	F	G	Н
1		1:	D					
2	RISK A	ajustment	Parameters					
3	<u>Overview</u>							
4								
5	Table 4. Ris	sk Adjustment Pa	rameters					
6	A period ind	licates data are mi	ssing because the variable was dropped					
	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter	Parameter Description	Variable Dropped (Y/N)	Parameter Estimates
7							(,	
8	v	-	•		•	v	¥	V
9	1	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	AGE_50	The difference in a beneficiary's age from 50 years old	Ν	0.0019
10	2	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	AGE_50_SQ	The squared of the difference in a beneficiary's age from 50 years old	Ν	0.0000
11	3	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	Ν	0.0188
12	4	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	APC_2018_5432	Equals 1 if the 2018 APC is 5432, 0 otherwise	Ν	-0.1746
13	5	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	CANCER_IMMUNE	Interaction term between CANCER and IMMUNE	Ν	-0.0017
14	6	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	CHF_COPD	Interaction term between CHF and COPD	Ν	0.0104
15	7	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	CHF_RENAL	Interaction term between CHF and RENAL	Ν	-0.0101
16	8	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	COPD_CARD_RESP_FAIL	Interaction term between COPD and CARD_RESP_FAIL	Ν	0.0076
17	9	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DIABETES_CHF	Interaction term between DIABETES and CHF	Ν	-0.0006
18	10	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC110	Interaction term between disabled and HCC110	Y	-
19	11	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC176	Interaction term between disabled and HCC176	Ν	-0.0048
20	12	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC34	Interaction term between disabled and HCC34	Ν	-0.0178
21	13	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC46	Interaction term between disabled and HCC46	Ν	-0.0007
22	14	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC54	Interaction term between disabled and HCC54	Ν	0.0169
23	15	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC55	Interaction term between disabled and HCC55	Ν	0.0267
24	16	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC6	Interaction term between disabled and HCC6	Ν	0.0172
25	17	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC1	Equals 1 if Medicare claims indicate the beneficiary has HIV/AIDS in the 90-day pre-Clinical	Ν	0.0174
26	18	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC10	Equals 1 if Medicare claims indicate the beneficiary has Lymphoma and Other Cancers in th	Ν	0.0452
27	19	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC100	Equals 1 if Medicare claims indicate the beneficiary has lschemic or Unspecified Strokes in	Ν	0.0256
28	20	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC103	Equals 1 if Medicare claims indicate the beneficiary has Hemiplegia/Hemiparesis in the 90-	Ν	0.0580
29	21	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC104	Equals 1 if Medicare claims indicate the beneficiary has Monoplegia, Other Paralytic Syndro	N	0.0360

	A	В	с	D	E	F	G	Н
1			Dawawaatawa					
2	RISK A	ajustment	Parameters					
3	Overview							
4								
5	Table 4. Ris	k Adjustment Par	ameters					
6	A period ind	cates data are mis	ssing because the variable was dropped					
_	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter	Parameter Description	Variable Dropped (Y/N)	Parameter Estimates
/						· · · · · · · · · · · · · · · · · · ·	*	*
9	1	 0P	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	AGE 50	The difference in a beneficiary's age from 50 years old	N	0.0019
10	2	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	AGE_50_SQ	The squared of the difference in a beneficiary's age from 50 years old	N	0.0000
11	3	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility state	N	0.0188
12	4	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	APC_2018_5432	Equals 1 if the 2018 APC is 5432, 0 otherwise	N	-0.1746
13	5	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	CANCER_IMMUNE	Interaction term between CANCER and IMMUNE	Ν	-0.0017
14	6	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	CHF_COPD	Interaction term between CHF and COPD	Ν	0.0104
15	7	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	CHF_RENAL	Interaction term between CHF and RENAL	Ν	-0.0101
16	8	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	COPD_CARD_RESP_FAIL	Interaction term between COPD and CARD_RESP_FAIL	Ν	0.0076
17	9	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DIABETES_CHF	Interaction term between DIABETES and CHF	Ν	-0.0006
18	10	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC110	Interaction term between disabled and HCC110	Y	-
19	11	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC176	Interaction term between disabled and HCC176	Ν	-0.0048
20	12	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC34	Interaction term between disabled and HCC34	Ν	-0.0178
21	13	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC46	Interaction term between disabled and HCC46	N	-0.0007
22	14	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC54	Interaction term between disabled and HCC54	N	0.0169
23	15	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC55	Interaction term between disabled and HCC55	N	0.0267
24	16	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DISABLED_HCC6	Interaction term between disabled and HCC6	N	0.0172
25	17	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC1	Equals 1 if Medicare claims indicate the beneficiary has HIV/AIDS in the 90-day pre-Clinical	N	0.0174
26	18	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC10	Equals 1 if Medicare claims indicate the beneficiary has Lymphoma and Other Cancers in th	Ν	0.0452
27	19	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC100	Equals 1 if Medicare claims indicate the beneficiary has lschemic or Unspecified Strokes in	N	0.0256
28	20	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC103	Equals 1 if Medicare claims indicate the beneficiary has Hemiplegia/Hemiparesis in the 90-	N	0.0580
29	21	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	HCC104	Equals 1 if Medicare claims indicate the beneficiary has Monoplegia, Other Paralytic Syndro	N	0.0360

A B C D E F G H 1 Image: Second Secon

5 Table 4. Risk Adjustment Parameters

6 A period indicates data are missing because the variable was dropped

7	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter	Parameter Description	Variable Dropped (Y/N)	Parameter Estimates
8	-	v			•	v	-	*
9	1	OP	E 2↓ Sort A to Z	Stage 1: Node 1 Estimate	AGE_50	The difference in a beneficiary's age from 50 years old	Ν	0.0019
10	2	OP	E Ă↓ Sort Z to A	Stage 1: Node 1 Estimate	AGE_50_SQ	The squared of the difference in a beneficiary's age from 50 years old	Ν	0.0000
11	3	OP	E Sort by Color	Stage 1: Node 1 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	Ν	0.0188
12	4	OP	🗄 🍢 🛽 <u>C</u> lear Filter From "(Column C)"	Stage 1: Node 1 Estimate	APC_2018_5432	Equals 1 if the 2018 APC is 5432, 0 otherwise	Ν	-0.1746
13	5	OP	E Filter by Color ▶	Stage 1: Node 1 Estimate	CANCER_IMMUNE	Interaction term between CANCER and IMMUNE	Ν	-0.0017
14	6	OP	E Text <u>F</u> ilters ▶	Stage 1: Node 1 Estimate	CHF_COPD	Interaction term between CHF and COPD	Ν	0.0104
15	7	OP	E Search	Stage 1: Node 1 Estimate	CHF_RENAL	Interaction term between CHF and RENAL	Ν	-0.0101
16	8	OP	E (Select All)	Stage 1: Node 1 Estimate	COPD_CARD_RESP_FAIL	Interaction term between COPD and CARD_RESP_FAIL	Ν	0.0076
17	9	OP	Back & neck except spinal fusion	Stage 1: Node 1 Estimate	DIABETES_CHF	Interaction term between DIABETES and CHF	Ν	-0.0006
18	10	OP	E Urinary tract infection	Stage 1: Node 1 Estimate	DISABLED_HCC110	Interaction term between disabled and HCC110	Y	
19	11	OP	E	Stage 1: Node 1 Estimate	DISABLED_HCC176	Interaction term between disabled and HCC176	Ν	-0.0048
20	12	OP	E	Stage 1: Node 1 Estimate	DISABLED_HCC34	Interaction term between disabled and HCC34	Ν	-0.0178
21	13	OP	E	Stage 1: Node 1 Estimate	DISABLED_HCC46	Interaction term between disabled and HCC46	Ν	-0.0007
22	14	OP	E	Stage 1: Node 1 Estimate	DISABLED_HCC54	Interaction term between disabled and HCC54	Ν	0.0169
23	15	OP	E	Stage 1: Node 1 Estimate	DISABLED_HCC55	Interaction term between disabled and HCC55	Ν	0.0267
24	16	OP	E OK Cancel	Stage 1: Node 1 Estimate	DISABLED_HCC6	Interaction term between disabled and HCC6	Ν	0.0172
25	17	OP	Васк и неск елсергэрнагизион	Stage 1: Node 1 Estimate	HCC1	Equals 1 if Medicare claims indicate the beneficiary has HIV/AIDS in the 90-day pre-Clinical	Ν	0.0174

	Α	В	С	D	E	F	G	Н
1	DiskA		D		[
2	RISK A	ajustment	Parameters					
3	Overview							
4								
5	Table 4. Ris	k Adjustment Par	ameters					
6	A perioa ina	icates data are mis	ssing because the variable was dropped					
	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter	Parameter Description	Variable Dropped (Y/N)	Parameter Estimates
7 8	_		T,				•	-
261	253	IP	Stroke	Stage 1: Node 1 Estimate	AGE_50	The difference in a beneficiary's age from 50 years old	N	0.0057
262	254	IP	Stroke	Stage 1: Node 1 Estimate	AGE_50_SQ	The squared of the difference in a beneficiary's age from 50 years old	N	-0.0001
263	255	IP	Stroke	Stage 1: Node 1 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	Ν	0.0422
264	256	IP	Stroke	Stage 1: Node 1 Estimate	CANCER_IMMUNE	Interaction term between CANCER and IMMUNE	Ν	-0.0127
265	257	IP	Stroke	Stage 1: Node 1 Estimate	CHF_COPD	Interaction term between CHF and COPD	Ν	-0.0002
266	258	IP	Stroke	Stage 1: Node 1 Estimate	CHF_RENAL	Interaction term between CHF and RENAL	Ν	-0.0012
267	259	IP	Stroke	Stage 1: Node 1 Estimate	COPD_CARD_RESP_FAIL	Interaction term between COPD and CARD_RESP_FAIL	Ν	0.0049
268	260	IP	Stroke	Stage 1: Node 1 Estimate	DIABETES_CHF	Interaction term between DIABETES and CHF	Ν	0.0048
269	261	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC110	Interaction term between disabled and HCC110	Y	
270	262	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC176	Interaction term between disabled and HCC176	Ν	0.0419
271	263	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC34	Interaction term between disabled and HCC34	Ν	-0.0238
272	264	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC46	Interaction term between disabled and HCC46	Ν	0.0945
273	265	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC54	Interaction term between disabled and HCC54	Ν	0.0193
274	266	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC55	Interaction term between disabled and HCC55	N	0.0047
275	267	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC6	Interaction term between disabled and HCC6	N	0.0823
276	268	IP	Stroke	Stage 1: Node 1 Estimate	DRG_CD_2018_062	Equals 1 if Medicare claims indicate the 2018 DRG of beneficiary is 062, 0 otherwise	N	-0.2986
277	269	IP	Stroke	Stage 1: Node 1 Estimate	DRG_CD_2018_063	Equals 1 if Medicare claims indicate the 2018 DRG of beneficiary is 063, 0 otherwise	Ν	-0.4835
278	270	IP.	Stroke	Stage 1: Node 1 Estimate	DRG_CD_2018_064	Equals 1 if Medicare claims indicate the 2018 DRG of beneficiary is 064, 0 otherwise	Ν	-0.3510
279	271	IP	Stroke	Stage 1: Node 1 Estimate	DRG_CD_2018_065	Equals 1 if Medicare claims indicate the 2018 DRG of beneficiary is 065, 0 otherwise	Ν	-0.7186
280	272	IP	Stroke	Stage 1: Node 1 Estimate	DRG_CD_2018_066	Equals 1 if Medicare claims indicate the 2018 DRG of beneficiary is 066, 0 otherwise	Ν	-1.0479
281	273	IP	Stroke	Stage 1: Node 1 Estimate	HCC1	Equals 1 if Medicare claims indicate the beneficiary has HIV/AIDS in the 90-day pre-Clinical	Ν	0.0297

Α	В	С	D	E	F	G H
1						
2 Risk A	djustment Pai	rameters				
3 Overview						

5 Table 4. Risk Adjustment Parameters

4

6 A period indicates data are missing because the variable was dropped.

7	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter		Parameter Description	Variable Dropped (Y/N)	Parameter Estimates
8	v	*	т.		-	-	▼	-	*
261	253	IP	Stroke	Stage 1: Node 1 Esti 2↓	<u>S</u> ort A to Z		The difference in a beneficiary's age from 50 years old	Ν	0.0057
262	254	IP	Stroke	Stage 1: Node 1 Esti 🗸	Sort Z to A		The squared of the difference in a beneficiary's age from 50 years old	Ν	-0.0001
263	255	IP	Stroke	Stage 1: Node 1 Esti	Sor <u>t</u> by Color	+	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	Ν	0.0422
264	256	IP	Stroke	Stage 1: Node 1 Esti 🍢	Clear Filter From "(Column E)"		Interaction term between CANCER and IMMUNE	Ν	-0.0127
265	257	IP	Stroke	Stage 1: Node 1 Esti	Filter by Color		Interaction term between CHF and COPD	Ν	-0.0002
266	258	IP	Stroke	Stage 1: Node 1 Esti	Text <u>F</u> ilters	•	Interaction term between CHF and RENAL	Ν	-0.0012
267	259	IP	Stroke	Stage 1: Node 1 Esti	Search	P	Interaction term between COPD and CARD_RESP_FAIL	Ν	0.0049
268	260	IP	Stroke	Stage 1: Node 1 Esti	(Select All)		Interaction term between DIABETES and CHF	Ν	0.0048
269	261	IP	Stroke	Stage 1: Node 1 Esti	AGE_50		Interaction term between disabled and HCC110	Y	
270	262	IP	Stroke	Stage 1: Node 1 Esti	Mal_JU_JU_JU_JU_JU_JU_JU_JU_JU_JU_JU_JU_JU_		Interaction term between disabled and HCC176	Ν	0.0419
271	263	IP	Stroke	Stage 1: Node 1 Esti	BED_SIZE_LARGE		Interaction term between disabled and HCC34	Ν	-0.0238
272	264	IP	Stroke	Stage 1: Node 1 Esti	BED_SIZE_XLARGE		Interaction term between disabled and HCC46	Ν	0.0945
273	265	IP	Stroke	Stage 1: Node 1 Esti			Interaction term between disabled and HCC54	Ν	0.0193
274	266	IP	Stroke	Stage 1: Node 1 Esti	CENS_DIV_2_LNQ	-	Interaction term between disabled and HCC55	Ν	0.0047
275	267	IP	Stroke	Stage 1: Node 1 Esti			Interaction term between disabled and HCC6	Ν	0.0823
276	268	IP	Stroke	Stage 1: Node 1 Esti	OK Can	cel	Equals 1 if Medicare claims indicate the 2018 DRG of beneficiary is 062, 0 otherwise	N	-0.2986
277	269	IP	Stroke	Stage 1: Node 1 Estima	ILE DINO_OD_2010_000	.:	Equals 1 if Medicare claims indicate the 2018 DRG of beneficiary is 063, 0 otherwise	Ν	-0.4835

	А	В	С	D	E	F	G	Н
1			_				[
2	Risk A	djustment	Parameters					
3	<u>Overview</u>							
4								
5	Table 4. Ris	k Adjustment Par	ameters					
6	A period ind	icates data are mis	sing because the variable was dropped					
	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter	Parameter Description	Variable Dropped (Y/N)	Parameter Estimates
7								
8	-	~	7	· · · · · · · · · · · · · · · · · · ·	7	▼	Ψ.	-
263	255	IP	Stroke	Stage 1: Node 1 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	Ν	0.0422
372	364	IP	Stroke	Stage 1: Node 2 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	Ν	0.0475

	Α	В	С	D	E	F	G	Н				
1							, ,					
2	2 Risk Adjustment Parameters											
3	Overview											
4												
5	Table 4. Risk Adjustment Parameters											
6	6 A period indicates data are missing because the variable was dropped.											
	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter	Parameter Description	Variable Dropped (Y/N)	Parameter Estimates				
7							(
8		-	T.	*	Ţ	· · · · · · · · · · · · · · · · · · ·		-				
263	255	IP	Stroke	Stage 1: Node 1 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	Ν	0.0422				
372	364	IP	Stroke	Stage 1: Node 2 Estimate	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility stat	N	0.0475				



5 Table 4. Risk Adjustment Parameters

6 A period indicates data are missing because the variable was dropped.

7	Initial Sort Order	Clinical Episode Type (IP/OP)	Clinical Episode Category	Stage 1 or Stage 2 Regression	Parameter	Parameter Description	Variable Dropped (Y/N)	Parameter Estimates
8	*	*	Ţ	¥		Y	Т	*
269	261	IP	Stroke	Stage 1: Node 1 Estimate	DISABLED_HCC110	Interaction term between disabled and HCC110	Y	
78	370	IP	Stroke	Stage 1: Node 2 Estimate	DISABLED_HCC110	Interaction term between disabled and HCC110	Y	

Target Price Summary Workbook: Peer Group Characteristics Tab

	А	В	С		D	E	F		G	Н		
1												
2	Peer Group Characteristics Used to Construct PAT Factor											
3	<u>Overview</u>											
4												
5	Table 5 Dec	r Group Charact	torietice									

6 A period indicates data are missing because the ACH is not part of the Convener or the data are not available.

7	Initial Sort Order	Episode Initiator BPID	CCN	Academic Medical Center	Urban/Rural	Safety Net	Bed Size	Census Division	
8	-	_	-	•	•	•	•	•	
9	1	9999-2	H1	N	Urban	N	Medium	6	_
10	2	9999-3	H2	N	Urban	Y	Large	6	
11	3	9999-4	H3	Y	Urban	N	Medium	9	
12	4	-	H4	N	Urban	N	Extra Large	6	
13	5		H5	N	Rural	N	Small	7	
14	6		H6	N	Urban	N	Large	2	
15	7		H7	N	Rural	N	Medium	3	
16	8	-	H8	Y	Urban	N	Medium	6	
Target Price Summary Workbook: Patient Level Characteristics Tab

	А	В	С	D	E	F	G	Н	Ι	J	K			
1	Potion		horootor	iation										
2	Fallen													
3	<u>Overview</u>													
4	T-1-1-0 D-													
5	Table 6. Pa	Cent Level Cha	aracteristics						a d far an this wordshare by Darda sticker and indicate a burge stack					
6	Pursuant to	Section 164.51	4 (a)-(b) of the	e HIPAA Priva	acy Ruie, all d	ata PII/PHI e	iements and s	small cells have been redact	ed from this workbook. Redactions are indicated by a dash.					
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Patient Level Covariates	Parameter Description	Episode Initiator- ACH Baseline Clinical Episode Count	Clinical Episode Count with Associated Patient Characteristic			
8	Ŧ	*	v	-	~	-	v		v	*	¥			
9	1	9999-2	ACH	H1	H1	IP	Stroke	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility sta	459	314			
10	2	9999-2	ACH	H1	H1	IP	Stroke	CANCER_IMMUNE	Equals 1 if the Medicare claims indicate that the beneficiary has both Cancer and Disorders	459	-			
11	3	9999-2	ACH	H1	H1	IP	Stroke	CHF_COPD	Equals 1 if the Medicare claims indicate that the beneficiary has both Interaction term betwee	459	33			
12	4	9999-2	ACH	H1	H1	IP	Stroke	CHF_RENAL	Equals 1 if the Medicare claims indicate that the beneficiary has both Congestive Heart Fail	459	27			
13	5	9999-2	ACH	H1	H1	IP	Stroke	COPD_CARD_RESP_FAIL	Equals 1 if the Medicare claims indicate that the beneficiary has both Chronic Obstructive P	459	-			
14	6	9999-2	ACH	H1	H1	IP	Stroke	DIABETES_CHF	Equals 1 if the Medicare claims indicate that the beneficiary has both Diabetes and Conges	459	73			
15	7	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC176	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Complicati	459	-			
16	8	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC46	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Severe He	459	-			
17	9	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC54	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Drug/Alcoh	459	-			
18	10	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC55	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Drug/Alcoh	459	-			
19	11	9999-2	ACH	H1	H1	IP	Stroke	HCC1	Equals 1 if the Medicare claims indicate that the beneficiary has HIV/AIDS in the 90-days pr	459	-			
20	12	9999-2	ACH	H1	H1	IP	Stroke	HCC10	Equals 1 if the Medicare claims indicate that the beneficiary has Lymphoma and Other Can	459	-			
21	13	9999-2	ACH	H1	H1	IP	Stroke	HCC100	Equals 1 if the Medicare claims indicate that the beneficiary has lschemic or Unspecified St	459	197			
22	14	9999-2	ACH	H1	H1	IP	Stroke	HCC103	Equals 1 if the Medicare claims indicate that the beneficiary has Hemiplegia/Hemiparesis in	459	67			
23	15	9999-2	ACH	H1	H1	IP	Stroke	HCC104	Equals 1 if the Medicare claims indicate that the beneficiary has Monoplegia, Other Paralyti	459	-			
24	16	9999-2	ACH	H1	H1	IP	Stroke	HCC106	Equals 1 if the Medicare claims indicate that the beneficiary has Atherosclerosis of the Extre	459	-			
25	17	9999-2	ACH	H1	H1	IP	Stroke	HCC107	Equals 1 if the Medicare claims indicate that the beneficiary has Vascular Disease with Cor	459	-			
26	18	9999-2	ACH	H1	H1	IP	Stroke	HCC108	Equals 1 if the Medicare claims indicate that the beneficiary has Vascular Disease in the 90	459	96			
27	19	9999-2	ACH	H1	H1	IP	Stroke	LTI	Equals 1 if the beneficiary was enrolled in long-term institutional care in the 90 days pre-Clin	459	42			

Target Price Summary Workbook: Patient Level Characteristics Tab

	Α	В	С	D	E	F	G	Н	I	J	К			
1														
2	2 Patient Level Characteristics													
3	<u>Overview</u>													
4														
5	Table 6. Pat	ient Level Cha	racteristics											
6	Pursuant to	Section 164.514	4 (a)-(b) of the	HIPAA Priva	acy Rule, all d	ata PII/PHI e	lements and s	small cells have been redact	ed from this workbook. Redactions are indicated by a dash.					
7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Patient Level Covariates	Parameter Description	Episode Initiator- ACH Baseline Clinical Episode Count	Clinical Episode Count with Associated Patient Characteristic			
8	•	v	~	~	-		v	v	•	-	v			
₽↓	Sort A to Z		\CH	H1	H1	IP	Stroke	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility sta	459	314			
Ă↑	Sort Z to A		\CH	H1	H1	IP	Stroke	CANCER_IMMUNE	Equals 1 if the Medicare claims indicate that the beneficiary has both Cancer and Disorders	459	-			
	Sor <u>t</u> by Color		+ \CH	H1	H1	IP	Stroke	CHF_COPD	Equals 1 if the Medicare claims indicate that the beneficiary has both Interaction term betwe	459	33			
$\overline{\mathbf{x}}$	<u>C</u> lear Filter From "	"(Column B)"	CH	H1	H1	IP	Stroke	CHF_RENAL	Equals 1 if the Medicare claims indicate that the beneficiary has both Congestive Heart Fail	459	27			
	Filter by Color		≻ \CH	H1	H1	IP	Stroke	COPD_CARD_RESP_FAIL	Equals 1 if the Medicare claims indicate that the beneficiary has both Chronic Obstructive P	459	-			
	Text <u>Filters</u>		+ \CH	H1	H1	IP	Stroke	DIABETES_CHF	Equals 1 if the Medicare claims indicate that the beneficiary has both Diabetes and Conges	459	73			
	Search		CH 🔍	H1	H1	IP	Stroke	DISABLED_HCC176	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Complicati	459	-			
	: 🗹 (Select All)		CH	H1	H1	IP	Stroke	DISABLED_HCC46	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Severe He	459	-			
	9999-2		CH	H1	H1	IP	Stroke	DISABLED_HCC54	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Drug/Alcoh	459	-			
			CH	H1	H1	IP	Stroke	DISABLED_HCC55	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Drug/Alcoh	459	-			
			\CH	H1	H1	IP	Stroke	HCC1	Equals 1 if the Medicare claims indicate that the beneficiary has HIV/AIDS in the 90-days pr	459	-			
			CH	H1	H1	IP	Stroke	HCC10	Equals 1 if the Medicare claims indicate that the beneficiary has Lymphoma and Other Can	459	-			
			\CH	H1	H1	IP	Stroke	HCC100	Equals 1 if the Medicare claims indicate that the beneficiary has lschemic or Unspecified St	459	197			
			CH	H1	H1	IP	Stroke	HCC103	Equals 1 if the Medicare claims indicate that the beneficiary has Hemiplegia/Hemiparesis ir	459	67			
			\CH	H1	H1	IP	Stroke	HCC104	Equals 1 if the Medicare claims indicate that the beneficiary has Monoplegia, Other Paralyti	459	-			
		OK Cance	el VCH	H1	H1	IP	Stroke	HCC106	Equals 1 if the Medicare claims indicate that the beneficiary has Atherosclerosis of the Extre	459	-			
23		JJJJ-2	∵,\CH	H1	H1	IP	Stroke	HCC107	Equals 1 if the Medicare claims indicate that the beneficiary has Vascular Disease with Cor	459	-			
26	18	9999-2	ACH	H1	H1	IP	Stroke	HCC108	Equals 1 if the Medicare claims indicate that the beneficiary has Vascular Disease in the 90	459	96			
27	19	9999-2	ACH	H1	H1	IP	Stroke	LTI	Equals 1 if the beneficiary was enrolled in long-term institutional care in the 90 days pre-Clin	459	42			

Target Price Summary Workbook: Patient Level Characteristics Tab

Patient Level Characteristics

3 Overview

Α

5 Table 6. Patient Level Characteristics

6 Pursuant to Section 164.514 (a)-(b) of the HIPAA Privacy Rule, all data PII/PHI elements and small cells have been redacted from this workbook. Redactions are indicated by a dash.

G

н

F.

7	Initial Sort Order	Episode Initiator BPID	PGP/ACH	CCN/TIN	ACH CCN Associated with Initiating Claim	Clinical Episode Type (IP/OP)	Clinical Episode Category	Patient Level Covariates	Parameter Description	Episode Initiator- ACH Baseline Clinical Episode Count	Clinical Episode Count with Associated Patient Characteristic
8		-	*	*	-		-	•	▼		*
9	1	9999-2	ACH	H1	H1	IP	Stroke	ANY_DUAL	Equals 1 if the beneficiary has either partial or full Medicare and Medicaid dual eligibility sta	459	314
10	2	9999-2	ACH	H1	H1	IP	Stroke	CANCER_IMMUNE	Equals 1 if the Medicare claims indicate that the beneficiary has both Cancer and Disorders	459	-
11	3	9999-2	ACH	H1	H1	IP	Stroke	CHF_COPD	Equals 1 if the Medicare claims indicate that the beneficiary has both Interaction term betwe	459	33
12	4	9999-2	ACH	H1	H1	IP	Stroke	CHF_RENAL	Equals 1 if the Medicare claims indicate that the beneficiary has both Congestive Heart Fail	459	27
13	5	9999-2	ACH	H1	H1	IP	Stroke	COPD_CARD_RESP_FAIL	Equals 1 if the Medicare claims indicate that the beneficiary has both Chronic Obstructive P	459	-
14	6	9999-2	ACH	H1	H1	IP	Stroke	DIABETES_CHF	Equals 1 if the Medicare claims indicate that the beneficiary has both Diabetes and Conges	459	73
15	7	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC176	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Complicati	459	-
16	8	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC46	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Severe He	459	-
17	9	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC54	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Drug/Alcoh	459	-
18	10	9999-2	ACH	H1	H1	IP	Stroke	DISABLED_HCC55	Equals 1 if the Medicare claims indicate that the beneficiary is disabled and has Drug/Alcoh	459	-
19	11	9999-2	ACH	H1	H1	IP	Stroke	HCC1	Equals 1 if the Medicare claims indicate that the beneficiary has HIV/AIDS in the 90-days pr	459	-
20	12	9999-2	ACH	H1	H1	IP	Stroke	HCC10	Equals 1 if the Medicare claims indicate that the beneficiary has Lymphoma and Other Can	459	-
21	13	9999-2	ACH	H1	H1	IP	Stroke	HCC100	Equals 1 if the Medicare claims indicate that the beneficiary has Ischemic or Unspecified St	459	197
22	14	9999-2	ACH	H1	H1	IP	Stroke	HCC103	Equals 1 if the Medicare claims indicate that the beneficiary has Hemiplegia/Hemiparesis in	459	67
23	15	9999-2	ACH	H1	H1	IP	Stroke	HCC104	Equals 1 if the Medicare claims indicate that the beneficiary has Monoplegia, Other Paralyti	459	-
24	16	9999-2	ACH	H1	H1	IP	Stroke	HCC106	Equals 1 if the Medicare claims indicate that the beneficiary has Atherosclerosis of the Extre	459	-
25	17	9999-2	ACH	H1	H1	IP	Stroke	HCC107	Equals 1 if the Medicare claims indicate that the beneficiary has Vascular Disease with Cor	459	-
26	18	9999-2	ACH	H1	H1	IP	Stroke	HCC108	Equals 1 if the Medicare claims indicate that the beneficiary has Vascular Disease in the 90	459	96
27	19	9999-2	ACH	H1	H1	IP	Stroke	LTI	Equals 1 if the beneficiary was enrolled in long-term institutional care in the 90 days pre-Clin	459	42

Κ

Resources

- "<u>BPCI Advanced Target Prices Specifications Model Years 1 & 2</u>" (<u>https://innovation.cms.gov/Files/x/bpciadvanced-targetprice-my1-2.pdf</u>)
- Additional information can be found at the <u>BPCI Advanced website</u>: <u>https://innovation.cms.gov/initiatives/bpci-advanced</u>
- If you have questions about this presentation, please contact the <u>BPCI</u> <u>Advanced Team at BPCIAdvanced@cms.hhs.gov.</u>

Thank You for Your Participation

We would appreciate you giving us your feedback on this event by answering a few questions. You will receive a link at the end of the session.



Pricing Methodology for Model Years 1 & 2 – Technical Review

May 17, 2018 Webinar

Notations

- The following notations are used in this Appendix:
 - *i* = a specific single Clinical Episode
 - *t* = time period (e.g., a Performance Period)
 - h = the ACH at which a Clinical Episode is initiated
 - p = a PGP Episode Initiator that is assigned the Clinical Episode
 - m = an Episode Initiator which can be either an ACH or a PGP
 - Y_{i,h,t} = Standardized allowed amount of Clinical Episode *i* initiated at ACH *h* during *t*
 - $n_{h,t}$ = Number of Clinical Episodes initiated at ACH h during t
 - $n_{p,h,t}$ = Number of Clinical Episodes initiated at ACH *h* during *t* that are assigned to PGP *p*
 - N_t = total number of Clinical Episodes initiated across all ACHs during t
 - *i* ∈*T*(*h*,*t*) = a Clinical Episode *i* from the set of Clinical Episodes initiated at ACH *h* during *t*
 - *i*∈*T*(*p*,*h*,*t*) = a Clinical Episode *i* from the set of Clinical Episodes initiated at ACH *h* during *t* that is assigned to PGP *p*

Stage 1: Log Likelihood Function for a Single Clinical Episode (TP-Step 1)

$$Log \ Likelihood_{i} = l_{i} = ln \left(\frac{1}{Y_{i,b}} \sum_{k} P_{k} * \frac{\varphi\left(\frac{e_{k}}{\sqrt{\sigma_{k}^{2}}}\right)}{\sqrt{\sigma_{k}^{2}}} \right)$$

• Where:

- l_i= the individual log likelihood for Clinical Episode i
- o k = {Node 1, Node 2}
- $\circ \phi$ = Normal density function
- $\circ \quad e_k = y_{i,h} X_i \beta_k Z_h \gamma_k$
- $\circ \gamma_1 = \gamma_2 = \gamma$

$$\circ \quad \beta_2 = \beta_1(1 + e^{\alpha})$$

Input to the compound lognormal:

- Y_{i,h} = Standardized allowed amount of Clinical Episode i initiated at ACH h
- y_{i,h} = The natural log of the standardized allowed amount of Clinical Episode i initiated at ACH h
- X_i = Patient characteristics of Clinical Episode i
- Z_h = Peer group characteristics for ACH h and quarter dummies and interactions

Estimated from the compound lognormal:

- P_k = Probability of the Clinical Episode i being in Node 1 or Node 2
- β_k = Parameters for each patient characteristic X for Node1 and Node 2
- $\circ \gamma = Parameters for each Z$
- $\circ \sigma_k^2 = Variance of the node k$

See slide 9 for Stage 1 Overview

Stage 1: Patient Case Mix Adjusted Spending (TP-Step 3)

 Mathematical expression for calculating patient case mix adjusted Clinical Episode spending

$$Case \widehat{Mix} Adj Y_{i,h,t} = \sum_{k} P_{k} e^{\left(X_{i}\beta_{k} + \frac{\sigma_{k}^{2}}{2}\right)}$$

Where:

- P_k = Probability of the Clinical Episode i being in Node 1 or Node 2
- X_i = Patient characteristics of Clinical Episode i
- β_k = Parameters for each patient characteristic X for Node1 and Node 2
- $\sigma_k^2 =$ Variance of the node

Stage 2: OLS Estimation (TP-Step 4)

 Mathematical expression for calculating average ratio of observed to case mix adjusted spending

$$\psi_{h,t} = \frac{1}{n_{h,t}} * \sum_{i \in T(h,t)} \frac{Y_{i,h,t}}{Case \ \widehat{Mix} \ Adj \ Y_{i,h,t}}$$

- Where:
 - t = Quarter the Clinical Episode i occurs in
 - $n_{h,t}$ = Number of Clinical Episodes initiated at ACH h in quarter t
 - *i \in T(h,t)* = a Clinical Episode i from the set of Clinical Episodes initiated at ACH h during time t
 - Y_{i,h,t} = Standardized allowed amount of Clinical Episode i initiated at ACH h during t
 - Case Mix Adj Y_{i,h,t} = Patient case mix adjusted Clinical Episode spending

Determine Clinical Episode-Level Efficiency (TP-Steps 5-6)

 Mathematical expression for calculating predicted Clinical Episode Spending

$$\widehat{Y}_{i,h,t} = Case \widehat{Mix} Adj Y_{i,h,t} * \widehat{\psi}_{i,h,t}$$

- Where:
 - Case Mix Adj Y_{i,h,t} = Patient case mix adjusted Clinical Episode spending
 - $\widehat{\psi}_{i,h,t}$ = Predicted average ratio of observed to case mix adjusted spending
- Mathematical expression for Clinical Episode-Level Efficiency
 - Ratio of observed spending to predicted spending

$$Efficiency_{i,h,t} = \frac{Y_{i,h,t}}{\widehat{Y}_{i,h,t}}$$

See slide 16 for description

HBP Construction: Dollar Amount (TP-Step 7)

- Mathematical expression for calculating Dollar Amount
 - Calculate average predicted spending for all baseline period Clinical Episodes across all ACHs for a given Clinical Episode category

$$Dollar Amount = \frac{1}{N_t} * \sum_{h \in H} \sum_{i \in T(h,t)} \widehat{Y}_{i,h,t}$$

- Where:
 - N_t = total number of Clinical Episodes initiated across all ACHs during t
 - *i ET*(*h*, *t*) = a Clinical Episode i from the set of Clinical Episodes initiated at ACH h during t
 - $\hat{Y}_{i,h,t}$ = predicted standardized allowed amount of Clinical Episode i initiated at ACH h during t

HBP Construction: ACH Efficiency Measure (TP-Step 8)

- Mathematical expression for calculating ACH Efficiency Measure
 - Average of the observed to predicted Clinical Episode spending for each ACH during the baseline period t

$$Efficiency_{h,t} = \frac{1}{n_{h,t}} * \sum_{i \in T(h,t)} Efficiency_{i,h,t}$$

- Where:
 - $n_{h,t}$ = Number of Clinical Episodes initiated at ACH h during t
 - *i* ∈*T*(*h*,*t*) = a Clinical Episode i from the set of Clinical Episodes initiated at ACH h during t
 - *Efficiency*_{*i*,*h*,*t*} = Clinical Episode-level Efficiency

HBP Construction: Preliminary PCMA (TP-Step 10)

- Mathematical expression for calculating ACH Preliminary PCMA
 - Average patient case mix adjusted Clinical Episode spending for each ACH divided by the Dollar Amount

Preliminary PCMA_{h,t} =
$$\frac{\frac{1}{n_{h,t}} * \sum_{i \in T(h,t)} Case \ \widehat{Mix} \ Adj \ Y_{i,h,t}}{Dollar \ Amount}$$

- Where:
 - $n_{h,t}$ = Number of Clinical Episodes initiated at ACH h during t
 - *i \in T(h,t)* = a Clinical Episode i from the set of Clinical Episodes initiated at ACH h during t
 - Case $\widehat{Mix} Adj Y_{i,h,t}$ = Patient case mix adjusted Clinical Episode spending

PGP Benchmark Price Construction PGP Efficiency Measure (TP-Step 13)

- Mathematical expression for calculating PGP Efficiency Measure
 - Average of Clinical Episode Efficiency across all the ACHs at which the PGP initiates Clinical Episodes during the baseline period t

Efficiency Measure_{p,t} =
$$\frac{1}{n_{p,t}} * \sum_{h \in H} \sum_{i \in T(p,h,t)} Efficiency_{i,h,t}$$

- Where:
 - $n_{p,t}$ = Number of Clinical Episodes that are assigned to PGP p during t
 - $i \in T(p,h,t) =$ a Clinical Episode i from the set of Clinical Episodes initiated at ACH h during t that is assigned to PGP p. T(p, h, t) will be empty for all $h \in H$ at which the Episode Initiator is not assigned a Clinical Episode.
 - *Efficiency*_{*i*,*h*,*t*} = Clinical Episode-level Efficiency

PGP Benchmark Price Construction: Relative Case Mix (TP-Step 15)

- Mathematical expression for calculating PGP-ACH
 Preliminary PCMA
 - Ratio of average case mix adjusted Clinical Episode spending for each PGP-ACH over the Dollar Amount

$$Preliminary PCMA_{p,h,t} = \frac{\frac{1}{n_{p,h,t}} * \sum_{i \in T(p,h,t)} Case \ \widehat{Mix} \ Adj \ Y_{i,h,t}}{Dollar \ Amount}$$

• Where:

- n_{p,h,t} = Number of Clinical Episodes initiated at ACH h during t that are assigned to PGP p
- *i* ∈*T*(*p*,*h*,*t*) = a Clinical Episode i from the set of Clinical Episodes initiated at ACH h during t that is assigned to PGP p.
- Case Mix Adj Y_{i,h,t} = Patient case mix adjusted Clinical Episode spending

Preliminary Target Price (TP-Steps 17-18)

Mathematical expression for calculating Conversion Ratio

 $Conversion \ Ratio_{m,t} = \frac{\sum_{h \in H} \sum_{i \in T(m,h,t)} real \ dollars_{mh,t}}{\sum_{h \in H} \sum_{i \in T(m,h,t)} standardized \ dollars_{mh,t}}$

Where:

- m = ACH h or PGP p Episode Initiator
- $i \in T(m,h,t) =$ a Clinical Episode i from the set of Clinical Episodes initiated at ACH h during t that is assigned to Episode Initiator m. T(m, h, t) will be empty for all $h \in H$ at which the Episode Initiator is not assigned a Clinical Episode.