

MHAC Report Static User Guide for Rate Year 2025

By CRISP, last updated 2/7/2023

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RY 2025 MHAC Report User Guide

Overview

The Maryland Hospital Acquired Conditions (MHAC) program is based on a system developed by 3M Health Information Systems to identify potentially preventable complications (PPCs) using present-on-admission codes available in claims data. 3M originally developed specifications for 65 PPCs, which are defined as harmful events that develop after the patient is admitted to the hospital and may result from processes of care and treatment rather than from the natural progression of the underlying illness. For example, the program holds hospitals accountable for respiratory failure and pulmonary embolisms that occur during inpatient stays. These complications can lead to 1) poor patient outcomes, including longer hospital stays, permanent harm, and death; and 2) increased costs. Thus, the MHAC program is designed to provide incentives to improve patient care by adjusting hospital budgets based on PPC performance. The maximum penalty remains at 2 percent, and the maximum reward is increased to 2 percent.

For more information on the MHAC policy, please visit the following HSCRC website page: https://hscrc.maryland.gov/Pages/init_qi_MHAC.aspx

Methodology

The MHAC methodology assesses attainment only. The attainment score is calculated by comparing hospital performance to a statewide threshold benchmark. For RY2025, hospitals are now evaluated on 15 clinically significant PPCs, weighted by 3M cost weights as proxy for patient harm. The MHAC program uses a point-based system for converting PPC results to standardized scores, and the weighted PPC scores are converted to revenue adjustment. For RY 2025, 24 months of data (July 2020- June 2022) is used to establish the normative values that are used to calculate a hospital's expected PPC rate, and to determine the threshold and benchmark for scoring hospital performance. The RY 2025 scale uses a full distribution of potential scores (scale of 0-100%), with a hold harmless zone between 60 and 70 percent. The performance period data for RY2025 is CY 2023 and CY2022-2023 for small hospitals; data will be reported via the CRS portal as it becomes available.

For RY 2025, data will be used during the COVID Public Health Emergency to assess performance standards. With the performance standards determined post-COVID, that reduces any concerns that may arise about using a pre-COVID period. The v40 grouper has clinic logic that determines if a COVID-related discharge can be assigned a PPC.

Grouper Version

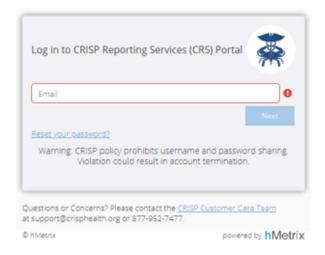
The APR-DRG and PPC Grouper Version 40 will be used for RY 2025.



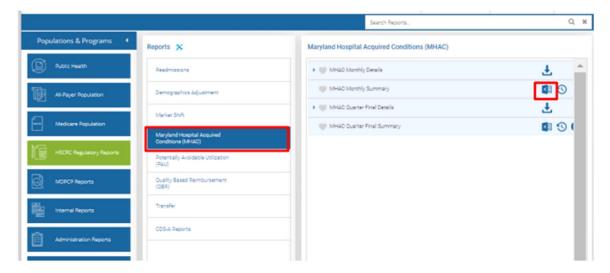
MHAC Report Access/Card

The MHAC Static Report can be accessed by visiting reports.crisphealth.org and logging-in with a CRS username and password.

Step 1. To access the HSCRC Regulatory Report tile, login to the CRISP Reporting Services Portal by visiting https://reports.crisphealth.org. Once in the CRS Portal, a dashboard of different blue report "cards" will appear. Availability of reports is based on the access of the user. Clicking the card named "HSCRC Regulatory Report" will bring up the available reports for this category. The following screenshots represent the user's workflow.



Step 2. By clicking the Static Report icon as shown below, you will either access the MHAC Summary or MHAC Details Report. Users with PHI-level access to this report will have the MHAC Details report option. Users who can only see the MHAC Summary report (and not the MHAC Details report) are configured for summary level access (cannot see PHI reports).





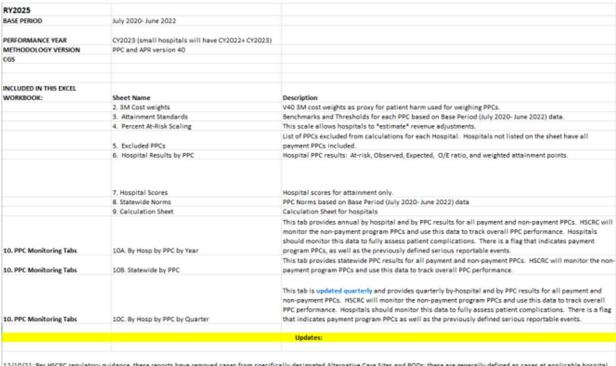
Report Tabs

- Cover Sheet
- 3M Cost Weights
- Benchmarks
- Percent At-Risk Scaling
- Excluded PPCs
- Hospital Results by PPC

- Hospital Scores
- Statewide PPC Norms
- Calculation Sheet
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Cover Sheet

The cover sheet provides an overview of each sheet available in the MHAC report. It also lists the base year, performance year methodology version, and CGS.



12/10/21: Per HSCRC regulatory guidance, these reports have removed cases from specifically designated Alternative Care Sites and PODs; these are generally defined as cases at applicable hospital campuses where R_FLAG = 'A'. For more information, please contact hscrc.quality@maryland.gov



3M Cost Weights

This sheet displays each 3M cost weights as proxy for patient harm used for weighing PPCs (using cost weights assigned under v40 of the APR Grouper).

2. 3M PPC Cost Weights

As of 1/09/2023 PPC NUMBER	PPC Description	3M v40 PPC Marginal Costs	
3	Acute Pulmonary Edema and Respiratory Failure without Ventilation	0.5005	
4	Acute Pulmonary Edema and RespiratoryFailure with Ventilation	1.5519	
7	Pulmonary Embolism	1.1248	
9	Shock	1.0478	
16	Venous Thrombosis	1.5503	
28	In-Hospital Trauma and Fractures	0.3379	
35	Septicemia & Severe Infections	1.4394	
37	Post-Operative Infection & Deep Wound Disruption without Procedure	1.5936	
41	Post-Operative Hemorrhage & Hematoma with Hemorrhage Control Procedure or I&D	0.9745	
42	Accidental Puncture/Laceration During Invasive Procedure 0.426		
47	Encephalopathy	0.7724	
49	latrogenic Pneumothorax	0.4717	
60	Major Puerperal Infection and Other Major Obstetric Complications	0.8978	
61	Other Complications of Obstetrical Surgical & Perineal	0.2099	
67	Pneumonia Combo (with and without Aspiration)	1.1330	

Metric	Description
3M v40 PPC Marginal Costs	Weighting the 15 PPCs differentially using 3M cost
	weights as a proxy for degree of patient harm.



Benchmarks

This sheet displays the benchmarks and thresholds for each PPC, based on base period July 2020 – June 2022 data. These metrics are used to assign attainment points, comparing the base period with CY 2023 performance; small hospitals will be assessed on CY 2022- 2023 for performance.

3. Benchmarks and thresholds for Payment Program PPCs

s of 1/25/2023			
PPC Number	PPC Description	Threshold *	Benchmark
3	Acute Pulmonary Edema and Respiratory Failure without Ventilation	1.8412	0.3688
4	Acute Pulmonary Edema and Respiratory Failure with Ventilation	1.6823	0.3746
7	Pulmonary Embolism	1.9105	0.3419
9	Shock	1.9497	0.3746
16	Venous Thrombosis	1.7583	0.0928
28	In-Hospital Trauma and Fractures	1.8455	0.4319
35	Septicemia & Severe Infections	1.6128	0.5586
37	Post-Operative Infection & Deep Wound Disruption Without Procedure	2.1254	0.1655
41	Post-Operative Hemorrhage & Hematoma with Hemorrhage Control Procedure or I&D Proc	1.8211	0.3251
42	Accidental Puncture/Laceration During Invasive Procedure	1.4303	0.3886
47	Encephalopathy	1.8960	0.2459
49	latrogenic Pneumothrax	1.8156	0.3213
60	Major Puerperal Infection and Other Major Obstetric Complications	2.0890	0.0000
61	Other Complications of Obstetrical Surgical & Perineal Wounds	2.1321	0.3002
67	Combined Pneumonia (PPC 5 and 6)	1.6123	0.3541

Metric	Description
Threshold	The value of the observed to expected ratio at the 10th percentile of
	hospital performance.
Benchmark	The value of the observed to expected ratio at the 90th percentile of
	hospital performance.



Percent At-Risk Scaling

This scale allows hospitals to estimate revenue adjustments. The RY 2025 scale uses a full distribution of potential scores (scale of 0-100%), with a hold harmless zone between 60 and 70 percent.

Metric	Description
Final MHAC Score	PPCs are calculated by summing the total weighted points earned by a hospital, divided by the total possible weighted points.
Revenue Adjustment	Revenue adjustment scale with a maximum penalty at 2 percent and maximum reward at 2 percent and continuous linear scaling with a hold harmless zone between 60 and 70 percent.

en 60 and 70 percent				
ct to change due to pote	ntial retrospective adjustments.			
Full Scale		Abbreviated Version		
Final MHAC Score	% Revenue Adjustment	Final MHAC Score % Revenue A		
0%	-2.00%	0%	-2.00%	
1%	-1.97%	5%	-1.83%	
2%	-1.93%	10%	-1.67%	
3%	-1.90%	15%	-1.50%	
4%	-1.87%	20%	-1.33%	
5%	-1.83%	25%	-1.17%	
6%	-1.80%	30%	-1.00%	
7%	-1.77%	35%	-0.83%	
8%	-1.73%	40%	-0.67%	
9%	-1.70%	45%	-0.50%	
10%	-1.67%	50%	-0.33%	
11%	-1.63%	55%	-0.17%	
12%	-1.60%	60%	0.00%	
13%	-1.57%	65%	0.00%	
14%	-1.53%	70%	0.00%	
15%	-1.50%	75%	0.33%	
16%	-1.47%	80%	0.67%	
17%	-1.43%	85%	1.00%	
18%	-1.40%	90%	1.33%	
19%	-1.37%	95%	1.67%	
20%	-1.33%	100%	2.00%	
21%	-1.30%			
22%	-1.27%	Penalty Cut-point	60%	
23%	-1.23%	Reward Cut-point	70%	



Excluded PPCs

Under MHAC, the attainment score is measured on 15 PPCs. The sheet provides a list of PPCs excluded from calculations for each hospital based on the MHAC inclusion/exclusion criteria, which can be found in the MHAC memo on the HSCRC website. Hospitals not listed on the sheet have all 15 PPCs included.

5. List of Excluded PPCs by Hospital, based on Base Period Data

Hospitals not listed have no excluded PPCs.

As of 1/25/2023

Hospital ID	Hospital	¥	Excluded PPC Number	-
210010	UM-Cambridge	\perp		7
210010	UM-Cambridge	\perp	9	9
210010	UM-Cambridge	\perp	16	6
210010	UM-Cambridge	\perp	28	8
210010	UM-Cambridge	\perp	35	5
210010	UM-Cambridge		37	7
210010	UM-Cambridge	\perp	4:	1
210010	UM-Cambridge		42	2
210010	UM-Cambridge		47	7
210010	UM-Cambridge		49	9
210010	UM-Cambridge		60	0
210010	UM-Cambridge		6:	1
210010	UM-Cambridge		67	7
210011	Ascension Saint Agnes Hospital		60	0
210011	Ascension Saint Agnes Hospital		6:	1
210012	Sinai		60	0
210015	MedStar Fr Square		60	0
210016	Adventist White Oak		60	0
210016	Adventist White Oak		6:	1
210017	Garrett	Т	4	4
210017	Garrett			7
210017	Garrett	\top	10	6
210017	Garrett		28	8
210017	Garrett	\top	35	5
210017	Garrett		37	7



Hospital Results by PPC

Hospital PPC results based on Policy Modeling: At-risk, Observed, Expected, O/E ratio, and weighted attainment points. The policy modeled using June 2020-July 2022 data to establish norms and performance standards and CY2023 performance period data. These results are provided for reference only.

							HOSPITAL PERFORMANCE RESULTS BY PPC: CY2022 through 30Nov2022 (Prelim) Excluded ACS/POD cases and Palliative Care cases				
HOSPITAL ID	HOSPITAL NAME	Years of Performs	PPC NUMBER	PPC DESCRIPTIO ,	THRESHOLD	BENCHMARK	AT FIISK	OBSERVED PPCx v	PPCx v	OF RATIO	
290064	Holy Croes			Prod-Operative Hereorehage I: Hereorehage I: Hereorehage Control Procedury or IGO Proc	14431	0.407	104		2404	0.403	
290064	Holy Cross		43	Accidental Punitries/Laceration During Investive Procedure	15291	0.4434	KH2		6,0005	0.9408	
290004	Holy Cross		41	latrogesic Pseumothras	17954	126	6700	2	1574	12707	
210064	Holy Cross		68	Major Pumperal Infection and Other Major Obstensio Complications	22774	0	6762	,	1367	64234	
290064	Holy Cross	,	41	Other Complications of Obstational Surgicular Period Visines	24310	0	7900	2	4 1965	64768	
210004	Holy Cross		62	CondinedPreservoria (PPC 5 and 6)	14300	0.2436	12105	16	16.047	1290	
290005	Frederick.		,	Acute Pulmonary Edema and Respiratory Fallare without Yestfation	2,8233	0.3067	7366	,	ENT	1,0050	
290005	Frederick.			Acute Pulmonary Edema and Respiratory Fallare with Yestilation	15006	0,2171	7250		0.00	12909	
290005	Frederick.			Polyonary Embolson	19689	0.261	8250	- 4	2,817	1,4098	
210005	Fiederick.	- 1		Shock.	13697	0.3681	8741		9,2906	6.7952	
290005	Frederick.	-		Vivonèosis	2.3026	0	5455	- 1	1740	2.2993	
210005	Frederick		26	In-Hospital Trauma and Fractures	1902	0	9550	1	24765	6:2726	

Metric	Description
Threshold	The value of the observed to expected ratio at the 10th percentile of hospital performance.
Benchmark	The value of the observed to expected ratio at the 90th percentile of hospital performance.
At Risk	Number of discharges at risk for PPCs.
Observed PPCs	Observed number of PPCs.
Expected PPCs	Expected number of PPCs are calculated using historical data on statewide PPC rates APR-DRG SOI.
O/E Ratio	Observed PPCs/Expected PPCs.
Unweighted Attainment Points	Points before adjusting with 3M cost weight.
Total Possible Points	Total possible weighted points (100 per PPC * 3M cost weight).
3M Cost Weight	Weight for each of the 15 PPCs using 3M cost weights as a proxy for degree of patient harm.
Weighted Points	Points for each PPC multiplied by the associated 3M Cost weight for the PPC.
Weighted Denominator	Total number of weighted points associated for each PPC.



Hospital Scores

Hospital scores for attainment only based on policy modeling. The policy modeled using June 2020 – July 2022 data to establish norms and performance standards and CY2023 as performance period data. These results are provided for reference only.

		Hospital scores CY2022 YTD Excluded ACS/POD cases and Palliative Care case					
HOSPITAL ID	HOSPITAL NAME	Number of Years of Performance Data	TOTAL NUMBER OF PPCs (max 14)	WEIGHTED FINAL HOSPITAL POINT	WEIGHTED DENOMINATOR •	WEIGHTED SCORE -	
210001	Meritus	1	13	931.18	1367.09	68%	
210002	UMMC	1	14	646.48	1460.22	44%	
210003	UM-Capital Region Medical Center	1	9	608.7	1021.28	60%	
210004	Holy Cross	1	14	910.47	1460.22	62%	
210005	Frederick	1	13	472.76	1367.09	35%	
210006	UM-Harford	2	5	287.28	502.18	57%	
210008	Mercy	1	13	475.62	1411.29	34%	
210009	Johns Hopkins	1	14	314.02	1460.22	22%	
210011	Ascension Saint Agnes Hospital	1	12	775.46	1345.78	58%	
210012	Sinai	1	13	635.37	1367.09	46%	
210015	MedStar Fr Square	1	13	740.38	1367.09	54%	
210016	Adventist White Oak	1	12	740.42	1345.78	55%	
210017	Garrett	2	3	315.88	330.82	95%	
210018	MedStar Montgomery	1	6	603.8	625.76	96%	
210019	Peninsula	1	13	1084.34	1367.09	79%	
210022	Suburban	1	12	584.92	1345.78	43%	
210023	Anne Arundel	1	14	1064.38	1460.22	73%	
210024	MedStar Union Mem	1	12	751.66	1345.78	56%	
210027	Western Maryland	1	11	1050.39	1241.72	85%	
210028	MedStar St. Mary's	1	8	791.78	846.88	93%	
210029	JH Bayriew	1	12	629.22	1345.78	47%	
210032	ChristianaCare, Union	2	5	173.9	502.18	35%	

Metric	Description
Total Number of PPCs	Number of PPCs included for each hospital based on MHAC
(max 15)	inclusion methodologies.
Weighted Final	Total points hospitals received after the 3M Cost Weight
Hospital Points	adjustments.
Weighted	Total number of weighted points associated for each hospital
Denominator	based on the PPCs included.
Weighted Score	Weighted final hospital points/weighted denominator.



Statewide PPC Norms

This sheet shows each PPC Norm value based on June 2020 – July 2022 data.

AZMISSION APR-DRG+29.8	ACMISSION APR SOI revised x38.0 *	NIMADI -	ATTESS .	ATRISK +	ATRICK .	ATRESK .	ATRISK +	ATRISK +	ATRISK +	ATRISK +	ATRESK +	ATRISK! +	ATRESES .	ATRISK! -	ATRIX -	ATRESET .	ATRISC! -	ATRESK -	ATRISAS .	ATRISK
2		61																		
3		92																		
4		110																		
		0																		
		40																		
1		1																		
2		2																		
1		- 8																		
		- 2																		
		7														30				
		202														20	,		21	
1		1																		
2		- 1																		
3		36																		
		- 7																		
1		- 55																		
4		- 1																		
		65																		
2		53																		
3		65																		
		29																		
2																				
,		37																		
4		179																		

Metric	Description
NUMADM	Number admitted with the APR-DRG and APR SOI.
ATRISK1-ATRISK67	Risk status indicates whether a discharge is at-risk or eligible to be assigned a specific PPC (i.e., only obstetrical cases could be at-risk for an obstetrical PPC) The sum indicates a total number of at-risk discharges.
PPC1-PPC67	Number of PPCs that occurred for each APR-DRG and APR SOI.
NORMPPC1- NORMPPC67	The normative values are the statewide rate for each PPC during the base period.



Calculation Sheet

This sheet gives the opportunity for hospitals to estimate their attainment score. All the information to calculate attainment score is provided in the sheet. If a hospital is not measured on a PPC, then it should be removed from the calculation.

at have >20	tal is not measured on a specific PPC (i.e., it is ex) at -fisk discharges or >2 expected PPC), then yo calculate correctly											
PPC Number	PN Ocycletian	Performan	or Handards		PERSON	MANCE PERIOD RE	9475	ATTANWENT POINTS	POSSELE OCNOMINATOR	SM Cost Weight	WEIGHTED TOTAL POINTS	TOTAL WEIGHTED DENOMINATOR
		Threshold	Benchwark	AT RISK	OBSERVED	ЕМАСТЕО	MATIO					
	Acces Formerary Ecema and Respiratory	1.0412	0.3688				40V/0	MON/O	100	0.5006	ADM/01	58.05
	Асше номелану свема але казрлавну	1.6823	0.3746				101/0	#DN/07	100	1.5519	#DM0#	166, 19
	Failure with Ventilation Pulmonary Embolism	1.9185	0.3419				40V/0	401/0	100	1.1248	4DM/01	112.48
	Shork	1.9105	0.3419				#01/G	#C000	100	1.1248	#DMO	104.78
	Veneus Thrombosis	1.7183	0.0926				#D1/0	#C0/07	100	1.5503	#DN/0	155.03
	In-Hospital Trauma and Fractures	1.8455	0.4319				800/0	806/09	100	0.3379	MOV/O	33.79
	Septicemia & Severe Infections	1.6128	0.5586				ADM/01	401/02	100	1.4394	ADM/01	143.94
	Prote-operative resistate a Geep viouse Disruption Without Procedure	2.1254	0.1655				ADV/0	#DN/01	100	1.5936	ADM/01	159.36
	with Hemorrhage Control Procedure or ISD	1.0211	0.3251				MON/O	MONTO	100	0,9745	MON/OI	97.45
	Accessival Policium Cacerdoon During Invasive Procedure	1.4303	0.2896				401/0	#00/02	100	0.4264	MONIX	42.64
	Encephalopathy	1,896	0.2459				ADV/01	ACM/O	100	0.7724	ADM/01	77.24
	atragenic Pneumothrax	1.8156	0.3213				ADM/0	40tyra	100	0.4717	ADM/01	47.17
	Wajif Huerperar mection and Coner major Obstatric Complications	2.009	0				HOT/I'D	ADM/01	100	0.8978	MON/OI	89.76
	Omer compicasons or Costenical Surgical & Petineal Wounds	2.1321	0.3002				MON/O	#CN/0	100	0.2099	MON/OI	20.99
	Combined Preumonia	1 6123	0.3541				80V/9	80W9	100	1.1330	MON/OF	113.3
	Total										4DM/01	1403.19

Metric	Description
At Risk	Number of patients at risk for a PPC
Observed	Observed number of PPCs that occurred
Expected	Calculated using historical data on statewide PPC rates by APR-DRG SOI
Ratio	Observed/Expected PPC values
Attainment Points	Attainment Points that can be earned for each PPC
Possible Denominator	Total number of points possible in the denominator for each PPC
3M Cost Weight	Weight for each of the 15 PPCs using 3M cost weights as a proxy for degree of patient harm.
Weighted Total Points	Total number of points that can be earned after the 3M Cost Weight is applied
Total Denominator	Total possible denominator after the 3M Cost Weight Adjustment is applied



PPC Monitoring Tabs (10a, 10b, 10c)

The following metrics are used for the PPC Monitoring Tabs (10a, 10b, 10c).

Metric	Description
At Risk	Number of patients at risk for a PPC
Observed PPC	Observed number of PPCs that occurred
Expected PPC	Calculated using historical data on statewide PPC rates by APR-DRG SOI
O/E Ratio	Observed/Expected PPC values
Case-mix Adjusted Rate	Used to calculate expected PPC values
Flag for one of the 15 Payment PPCs	Indicates PPCs defined by MHAC
Flag for Serious Reportable Events	Indicates serious events that should be reported
State Average Rate	State average for PPC observed

By Hospital by PPC (10a)

This sheet provides by hospital and PPC results for all payment and non-payment PPCs. HSCRC will monitor the non-payment program PPCs and use this data to track overall PPC performance. Hospitals should monitor this data to fully assess patient complications. There is a flag that indicates payment program PPCs as well as the previously defined serious reportable events.

	All PPCs by Hospital Excluded ACSPOD cases and Pallative Care cases												
HOSPITAL ID	HOSPITAL NAME .		Year -	AT FISK	OBSERVED PI	EXPECTED P	OR RATIO	Case-Mix Adjusted flat	Flag for one of 14 Payment PPC	Reportable	State Averagrade		
290001	Methys	2 Falter officed Vanifation	30%	xe	21	9,766	3,996	2.60		0	8,8094750		
290001	Mediul	Acute Publishman Ederina and People array 4 Flakure with Venditation	20%	Ne.	, ,	3.6301	19004	1225			5.0000345		
5000K	Methys	5 Presymonia k Other Long Infections	306	470		4.6760	56909	4,050		0	R.MII(2000		
290000	Medius	E Aspiration Florestonia	20%	100	. ,	43907	1000	1967			6.0001425		
290004	Methys	7 Palmonay Embolom	206	1279		4,1744	0.4572	9.227N			6,600430		
290001	Medius	8 Other Pullnamary Complications	30%	INI		4,290	236	13477		0	6.0000045		
290004	Methor	8 Shorts	2046	939	(H	6760	90009	12079		0	8.HII2000		
290001	Medius	10 Congressor Heat Falue	30%	198		319	3879	9.3797		0	8.002308		
290004	Method	# Acure Myscardialmiantion	2046	950	< ×	6,990	1104	100%		0	8,99095N		
280001	Meritus	D Other-Cardian Complications	30%	18		1.708	04380	0.980		0	6.6903620		
290001	Mediul	N Venticula Fibrillation/Cardisc Asset:	204	100		24,3642	04500	10000			6.86256296		
290004	Meritor	Peripheral Facesia Complications Energy. 6 Vaneur Teconòccio	206	667	,	14900	0.0996	0.990			1300475		
280001	Medial	N Ymau Thonbook	30%	100		2.669	0 THEF	8.348		0	6.000452		
280001	Methos	Major Gasinstries and Complessions without D Translusion or Significant Stending	30%	241	. ,	1301	1301	173			Lauren		
200001	Metho	Major Germonisson of Compleations with III. Transferior or Significant Blooding	206	200	. ,	4,2436	63071	00079			6,0014439		
290001	Mediul	th Major Liver Complications	20%	1077		10402	1167	0.5405		0	1,000460		
280001	Metas	Other Stanholderville of Complete form without 28 Transfession or Egyptimest Mineding	2016	1100		L LAST	cent				0.000239		
290004	Method	24 Chornidum Dillicile Cultic	306	64	(1	7,1404	17796	7.7%2		0	6,6043500		
200000	Medical	22 GUComplications Boost US	308	207	1	3,900	6.391	6.787		0	6.8003679		



Statewide by PPC (10b)

This tab provides statewide PPC results for all payment and non-payment PPCs by PPC. HSCRC will monitor the non-payment program PPCs and use this data to track overall PPC performance.

			All PPCs by PPC Number Excluded ACS/POD cases and Palliative Care cases											
PPC JMBE *	PPC DESCRIPTION .	Year 🔻	AT RISK 🔻	OBSERVED PI	EXPECTED PI	OVE RATIO	Case-Mix Adjusted Rat	Flag for one of "Payment PPC"	Reportable v	State Averagrate				
	oute Pulmonary Edema and Respiratory alter without Ventilation	28%	338667	608	413.0270	14692	2 847			6.0694700				
	oute Pulmonary Edema and Respiratory alters with Yestifation	2016	322581	30	87.875	1,9143	1,299	,		E.000634				
5 Pc	neumonia & Other Lung Infections	28%	1711754	300	214.7642	1,0066	2.277	0		8.0002503				
6 A	spitation Pneumonia	20%	349083	277	204.3694	1,2554	1,0005	0		8.0007425				
2 P	almonary Embolion	20%	40605	229	177.6619	12393	8,6150	1		0.000490				
8 00	ther Pulmonary Complications	28%	277290	190	967.5403	1,3913	8.7966	0		E0006041				
9 59	hoek.	2646	402080	48	272.0245	1705	13445	1		E005300				
W Co	ongestive Heart Failure	26.86	288042	132	50,2451	2,7266	8547			£.0007804				
T Ac	oute Myocardial Infarction	26.8	408085	217	303,3695	0.803	8.6376	0		E.0009574				
10 01	ther Cardiac Complications	26.8	379064	71	190,3484	0.5005	6.20	0		6.000362				
74 Ve	entricel or Pibelliation/Conduc Arrest	28.80	29.00	51	738,279	0.6975	2.0394			6,0629236				
	eripheral Vasculiar Complications Except enous Theorebosis	28%	294796	71	107,9696	0.5079	1,200			8,000415				
16 Ve	enous Thrombosis	28.85	19600	341	83,793	1,6723	0.757	1		0.00045				
	tojor (Sastrointestinal Complications without anotherion or Significant Bleeding	2896	40900		183,3696	0.6435	E.0606			E.0009571				
	tajor Gastracintectinal Complications with randresion or Significant Bleeding	28%	600969	. 64	133.549	0.6149	1,2745			E.0004495				
19 M	Nor Liver Complications	28.8	400450	- 63	18,4124	0.8372	0.224	0		6,0004163				
	ther Sauthointestinal Complications without ransfesion or Significant Elevating	2816	40000	204	333 A126	0.6238	8,7644			600129				
20	lostriders Difficile Collés	2016	6393	396	264,552	1,4931	6.495	0		8.0043500				
27 (0)	U Complications Except UTI	200	#2175	64	120,0000	6533	£ 1967			8.000367				
24 Pe	enal Fallers without Dialysis	20%	25425	200	2904.9954	0.5355	5.190			0.00970				
25 Pe	enal Failure with Dialysis	20%	308520	41	37.3476	139	8.975	0	- 1	0.000142				
26 D	labetis Ketoacidosis 6 Coma	28%	34844	2	45.4667	0.4619	8.0793	0		E.000/E54				

By Hospital by PPC/by Quarter (10c)

This sheet provides by hospital and PPC results for all payment and non-payment PPCs by Quarter. HSCRC will monitor the non-payment program PPCs and use this data to track overall PPC performance. Hospitals should monitor this data to fully assess patient complications. There is a flag that indicates payment program PPCs as well as the previously defined serious reportable events.

	All PPCs by Hospital by Guarter Excluded ACS/POD cases and Pallative Care cases												
HDSPIT!	HOSPITAL NAME	NIMES .	PPC DESCRIPTION	Year .	Gowler v	AT RISK v	OBSERVED PI	EXPECTED PL	OE RATIO	Care-Mit Adjusted Rat	Plag for one of M. Payment PPC *	Reportable .	State Averag- rate
20001	Metus		(Shoke it intransated Hemonhage	204	JeMe	36%		2,000	6388	DAGE			8,0098000
26004	Herton		2 Emma DV5 Complications	204	JeMe	280		65%					6,600,00025
18001	Metal		Soute Pointenary Edoma and Peophyton 3 Fallan-vibloid fredibilion	209	Janta	2540		1720	2786	32398			8.88M750
26004	Henry		Ande Publissia y Edmis and Periphility Editor vith Vendation	204	Janeta	250		09411	21012	10454			6,0000450
29904	Here		5 Preunosas Other Langtenerons		Jan Mar	90		1960	50%	8.7950		0	8,90(5000
29904	Metal		II. Agitation Prevancely	204	Jan May	269		12907	910%	99090	- 0		6,00074255
29004	Marie		P Putnonay Embotion	204	Jan Mar	3(30)		13131	0495	0490	-		6,000400'9
29004	Marie		If Other Philmonery Complications	209	Jantha	2002		1984	TROPE	tse			£1000050
29004	Marie .		7 Shoth	204	Jantha	369		mest	1981	1990	-		8,000,000
29004	Phrai		B) Congestive Head Falure	209	Jantha	(900		0490	A (1952)	0811			8,300/0644
SABORA	Metal		T. Acute Physical Streeties	204	Jantha	3673		KH2 I	09HM	9.790			8,30000740
Tabona	Metal		Di Other Cardini Conglications	204	Jachta	380		6.990					6,000,000
20004	Henry		N. Nominuter Firskelov Certier Arrest	204	Jan May	DNO		6,040	CHI	HANN			EMISSION
20001	Netue		Parigheral Resource Complications Coops B. Venneys Treatments	204	Jeste	2300		68%					1000480
16004	Hetse		E Veneus Teconómico	304	JanMar	CAN		0680	4	-			6.00MQT
свом	Notes		Major Guarnistrational Ecompile alterna vibland IF Franchistor or Egothrant Blooding	29	Janta	307		3404	190	1965			1,000019
20004	Metar		Majo Suchostedad Complication with the Translation or Significant Deeding	204) Jan Mar	100		week	99474	3.4251			C.0004050
26004	Hera		B Migo Line Complications	204	Jan Mar	103		67(58	2764	796			1,100+600
20001	Metro		Other-Gamoinsantive Complexions without 29 Translation or Significant Bleeding	204	L. Jan. May	348		25604	9387	bart)			000000
26004	Hete		21 Chownidow Cittle Cellife	304	JenMar	990		1989	9590	2,000			6,000,000
240004	Meter		29 GUCompleators Europe I/S	304	Jan.Mar	200		0769		4			6,000,0254