

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

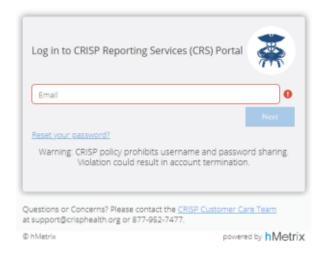
The APR-DRG and PPC Grouper Version 40 will be used for RY 2025.



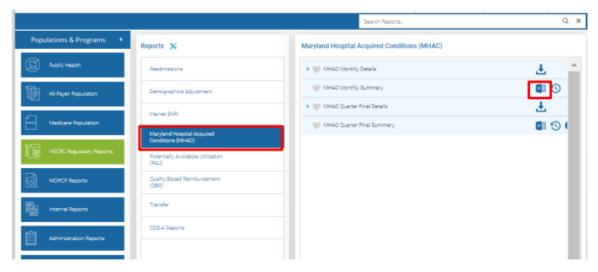
MHAC Report Access/Card

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).





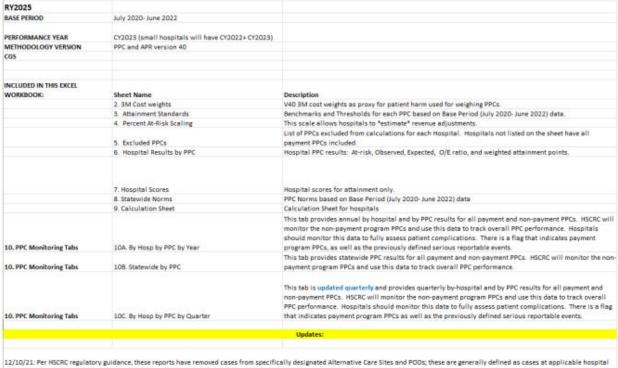
Report Tabs

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

- **Hospital Scores**
- Statewide PPC Norms
- **Calculation Sheet**
- By Hospital by PPC
- Statewide by PPC
- By Hospital By PPC By Quarter

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.



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	0.4264
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	Prieumonia 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

As 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		0.1655
41	41 Post-Operative Hemorrhage & Hematoma with Hemorrhage Control Procedure or I&D Proc		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.

RY 2025 Pre-Set Revenue Adjus	stment scale		
tween 60 and 70 percent	ential retrospective adjustments.		
Full 5		Abbreviated	Version
Final MHAC Score	% Revenue Adjustment	Final MHAC Score	% Revenue Adjustment
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%



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	7
210010	UM-Cambridge	9
210010	UM-Cambridge	16
210010	UM-Cambridge	28
210010	UM-Cambridge	35
210010	UM-Cambridge	37
210010	UM-Cambridge	41
210010	UM-Cambridge	42
210010	UM-Cambridge	47
210010	UM-Cambridge	49
210010	UM-Cambridge	60
210010	UM-Cambridge	61
210010	UM-Cambridge	67
210011	Ascension Saint Agnes Hospital	60
210011	Ascension Saint Agnes Hospital	61
210012	Sinai	60
210015	MedStar Fr Square	60
210016	Adventist White Oak	60
210016	Adventist White Oak	61
210017	Garrett	4
210017	Garrett	7
210017	Garrett	16
210017	Garrett	28
210017	Garrett	35
210017	Garrett	37



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	EXPECTED PPCx v	OVE RATIO
290004	Holy Cross			Prost-Operative Hereoritage II: Hereoritage Control Procedure or ISO Proc	14421	0.407	504	,	ZATK	0.4507
290004	Holy Cross		4	Accidental Puntare/Laceration During Invasive Procedure	15251	0.4434	16142	6	6.0965	0:9408
290004	Holy Croes		4	latrogenic Presmothras	17954	8.290	#710	2	1574	12707
290004	Holy Cross		61	Major Pumperal Infection and Differ Major Obstetio Complications	2,2774	0	6790	,	1000	0.4204
290004	Holy Cross		4	Other Complications of Obstetrical Sugical Is I Perioral Visionals	2820	0	7100	2	4.005	04768
290004	Holy Cross	,	6	Condined Presenteria (PPC 5 and 6)	14308	0.2436	12885		11.047	1290
250005	Frederick	,		Acute Pulmonary Edema and Respiratory Fallars without Ventilation	2,8233	0.3067	7386	,	ESSTN	10050
210005	Frederick			Acute Pulmonary Edema and Respiratory Fallars with Vestilation	15006	0.2171	7250		5,854	12009
290005	Frederick	1		Primonary Embolom	1,9689	0.2811	8258	4	2,817	14099
210005	Frederick	1		Shoek.	13697	0.3681	8741	7	5.2606	0.7952
290005	Frederick			Weeque Thrombosis	2.3020	0	5465		1740	2:2900
210005	Frederick.		28	In-Hospital Trauma and Fractures	1902	0	10582	1	24768	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.
0./5.0	
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.

			Ex	Hospital cluded ACS/POD	scores CY2022 Y cases and Palliat	
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 Bayview	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 Hospital	Total points hospitals received after the 3M Cost Weight
Points	adjustments.
Weighted Denominator	Total number of weighted points associated for each hospital
	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.

ADMISSION APR-DRG+39.8 T	ADMISSION APR SOI revised x38.0 =	NUMBER -	ATRESM -	ATRISK -	ATRISK -	ATRESK -	ATRISK -	ATRESK -	ATRISK =	ATRISK +	ATRESK -	ATRISK! -	ATRESM! -	ATRISK! -	ATRESK -	ATRESM! -	ATRISK! -	ATRESK! =	ATRISK! -	ATRISK
1		7																		
- 2		82																		
		82																		
-																				
2		29																		
3		90																		
4		9																		
1		1																		
2		2																		
3		8																		
4		38																		
2		9																		
3		75														30				
4		302														20			31	-
		1																		
2		- 1																		
1		- 70																		
		55																		
- 1		9																		
-		65																		
2		150																		
3		65																		
4		29																		
1		7																		
2		10																		
3		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.

9. Calculation As of 1/19/3	Sheet for Estimating Hospital Scores											
not have 120	tal is not measured on a specific PPC (i.e., it is es at-risk discharges or v2 expected PPC), then you calculate convexity											
PPC Number	PPC Description	Performanc	or Standards		PERFOR	IMANCE PERIOD RE	90.05	ATTAINMENT POINTS	POSSELE DENOMBATOR	SM Cost Weight	WEIGHTED TOTAL POINTS BY THE	TOTAL WEIGHTED DENOMINATOR
		Threshold	Bendmark	AT RISK	CESSENIO	вичество	RATIO					
3	Acute Pulmenary Esema and Respiratory Failure without Ventilation	1.8412	0.3699				MON/O	MON/O	100	0.5006	MON/O	50.05
	Acute Formenary come and respitatory Failure with Verbilation	1.6823	0.3746				#DIV/01	#DM08	100	1.5519	#DM0	166.19
7	Pulmonary Embelism	1.9105	0.3419				ADM/01	4DM0	100	1.1248	4DM01	112.48
,	Shock	1.9497	0.3746				#DIV/01	40N/O	100	1.0478	ADM/OI	104.78
16	Venous Thrombosis	1.7583	0.0920				#DIV/01	#DIVIDE	100	1.5503	ADM/OI	155.03
25	In-Hospital Trauma and Practures	1.8455	0.4319				#01/101	#DM/08	100	0.3379	#DM0!	33.79
35	Septicemia & Severe Infections	1.6128	0.5586				ADM/0	ADM/01	100	1.4394	ADM/0	143.94
37	Polis-Operative intension a Deep wound Disruption Without Procedure Post-Operative remormage is rematored	2.1254	0.1655				ADM/01	ADV/01	100	1.5936	ADM/OI	159.36
41	with Hemorrhage Control Procedure or I&D Accelerical Puncture Caccellator During	1.8211	0.3251				ADV/01	KOV/OI	100	0.9745	MONTO	97.45
42	Invasive Procedure	1.4303	0.3896				MON/O	101/01	100	0.4264	MON/OI	42.64
17	Encephelopethy	1.896	0.2459				ADM/01	#DIV/08	100	0.7724	ADM/01	77.24
49	latragenic Pneumothrax	1.8156	0.3213				ADM/01	ADM/01	100	0.4717	ADM/OI	47.17
60	wajof Huerperar meccion and Coner major Obstatric Complications	2.089	0				MON/O	ADV/01	100	0.8978	MONTO	89.76
61	Other complications or costetrical Surgical & Perineal Wounds	2.1321	0.3002				MON/O!	MON/OI	100	0.2099	MONIO	20.99
67	Combined Pneumonia	1.6123	0.3541				#DM/01	#DIV/08	100	1.1330	#DIVIOR	113.3
	Total										ADM/O	1403.19
									TOTAL WEIGHTED SCOR	K.	MDIV/BI	4

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 ACS-POD cases and Palitative Care cases											
HOSPITAL ID	HOSPITAL NAME .	NUMBE T	PPC DESCRIPTION .	Year	-	AT FESK -	OBSERVED P	EXPECTED P	OE PATIO	Case-Mix Adjusted flat	Flag for one of ** Payment PPC *	Fleportable -	Skale Average nate				
290004	Mention		Faller eithout Ventilation		308	1000	21	11.716	2.986	185		0	8.88947508				
280001	Medius		Acute Pulmonary Edems and Respiratory Fallure with Yestifation		208	100	,	1820	1 12004	1225		0	6.00002458				
290004	Metho		Programmia is Other Long Infections		206	479		4.670	0.000	4,0500		0	8.88020006				
280001	Medial		Aspiration Phesamonia		208	1007		4.990	15062	1907		0	6.00014255				
290009	Merina		Pulmonary Embelom		20%	1079		4.874	0.4572	9,2274		0	0.00040FW				
280001	Minited		Other Pulmonary Complications		208	1800		4.290	236	15677		0	6.00000410				
290004	Merina		Shock.		2016	9200		5.700	10000	12079		0	E.MIN.20006				
280001	Minited	1	Congrettor Heat Falter		208	THE		2.0	1079	9.3707		0	E.20073084				
290001	Medical	1	Acute Myscerdistiniumion		2016	250		6.901	1104	100%		0	1,1002540				
200001	Meritor	1	Other Cardian Complications		308	280		1708	0/5350	0.062		0	6.00036204				
290001	Medius	,	Venticular Fibritarium Cardiac Assett		2016	1902	,	24.304	04529	13000		0	6.06252265				
290001	Meritor		Peripheral Facodar Complications Except 5 Veneus Thromboels		206	987		1.490	0.2000	0.090		0	1,0004002				
280001	Methyl	1	Vensus Thrombosis		208	****		2.601	0.7607	138		0	0.0004527				
280001	Virtus		Major Gasimirries and Complexisions without Transduction or Significant Meeting		308	240	,	130	1.3901	877			LAMPHTE				
280001	Vierbo		Major Gasinoirisothad Complications with I Translusion or Significant Blooding		308	E386		4340	63011	0.00%		0	0.00044959				
280001	Mining	1	Major Liver Complications		209	1977	4	1840	1267	0.5405		ė	1.3004600				
280001	Media		Other Classiconnectical Complications without 1 Transluction or Significant Meeting		20%	THE		3.62		1388		۰	0.00823100				
290004	Merina	0	5 Clearaidium Dilliole Califo		2016	SH		7.940	17706	7.7%		0	6.00405006				
280001	Medius	2	SUCcentingtons Boset US		308	207		383	6.391	6197		0	6.00030796				



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 IUMBE *	PPC DESCRIPTION	¥	Year ,	AT RISK	OBSERVED P	EXPECTED P	OVE RATIO .	Case-Mix Adjusted Rat	Flag for one of 14 Payment PPC *	Reportable -	State Average rate				
1	Acute Pulmonary Edema and Respiratory Failure without Ventilation		28	6 338647	608	413.9270	14692	2.9647			8.0014723				
4	Acute Pulmonary Edema and Respiratory Failure with Veridiation		28	N 322581	300	157.1675	1,9149	1,299			E0000345				
5	Pheumonia & Other Lung Infections		26	6 ITHT54	308	294.7642	1,0066	2.277	0		8.0062600				
6	Aspitation Pneumonia		26	N 349083	277	204.0694	1,3554	1.0065			8.0007425				
7	Pulmonary Embolism		26	6 4060E	229	177.6619	12090	8,9855	1		0.000490				
	Other Pulmonary Complications		26	W 277290	190	987,540	1,3013	1.7966	0		E0006045				
	Shoek.		28	N 402085	45	373.0295	1/125	1346	1		E-0012988				
10	Congestive Heart Fallers		28	E 288043	107	50,2451	2,7266	1541			E.0007984				
1	Acute Myocardial Infection		28	K 408080	217	303.3655	0.903	E8376	0		8,0009879				
10	Other Cardiac Complications		28	16 379984	71	190,9404	0.5005	620	0		6.0003629				
14	Ventricular Pibelliation/Cardiac Arrest		28	K 39878	58	738.276	0.6876	2,0384			8.0628238				
15	Peripheral Vaccular Complications Except Venous Theoretics is		28	N 294796	79	107.9688	0.5079	8.200			0.0004152				
ж	Venous Thrombosis		28	10000	141	83.793	1,6723	0.757	1		0.00045				
v	Major Bastsointestinal Complications withor Transfesion or Significant Bleeding	u	28	N 40901		103,3696	0.6435	8.0606	0		E.0005575				
1	Major Gastroinestinal Complications with Transferice or Significant Bleeding		28	N 403988	82	133,340	0.694	8.2765			E.0004495				
19	Major Liver Complications		28	60 400450	62	195,6124	0.8072	0.224	0		£.0004168				
20	Other Gastrointestinal Complications without Transfesion or Significant Bleeding	4	28	N 403121	200	333.4105	0.6239	8,7044	0		6.001296				
27	Clostridiers Difficile Colley		28	M 6393	395	264,552	1,4901	6.495	0		E0043508				
23	OU Complications Except UTI		28	K 412175	64	120,0000	0.533	£ 1967			8.0003679				
24	Flenal Failure without Dialgoiz		28	6 95429	1896	2904.1954	0.5355	5.190			0.00970				
25	Flenal Failure with Dialgois		26	6 368526	40	37.3476	1002	8.975			0.00014				
26	Diabetis Ketoacidosis 6 Coma		26	6 34846	21	45.4667	0.4619	8.0793			0.000/694				

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.

							pital by Quarter and Palliative C						
HDSPITAL ID	HOSPITAL NAME	MARK "	PPC DESCRIPTION .	Year -	Guerter -	AT RISK	OBSERVED PI	EXPECTED PL.	OE RATIO	Care-Mix Adjusted Rat	Plag for one of M. Payment PPC *	Reportable -	State Averagrate
10000	Heise		1 Shoka Universial Hemonhaps	208	JaniMar	30%		3,900	0.386	9,607	0	0	9,009800
10001	Hete		2 Etisma DVI Complications	306	JenMer	280		6576	4			0	6.880086
10001	Metic		Ands Palmanay Edoma and Peopleshing 2 Pallar-Vibrial Institution	229	Jeritte	294		1118	2786	3,238		0	£309/70
19901	Hetse		Acute PulmanusyEdema and People day 6 Fallure-vith Ventilation	204	Jan Mar	2500		09411	21062	10454			0.0000045
19001	Hetse		5 Preumonia is Other Lung Westforce	204	Jan Mar	160		1965	5199	8.7750	0		8,9002500
19001	Metric		8 Aphaton Pheumonia	204	Jan Mar	249		1297	01004	94090	0	0	6,0007425
19001	Metric		P Pulmonay Embolism	204	Jan Mar	3097		1200	0495	0490		0	6.100×07
19001	Metur		8 Other Pulmonary Complications	209	Jan Mar	2002		1984	11075	150			0.0000000
19001	Metac		9 Shock	209	Jan Mar	266		2000	19091	18900		0	1.1052100
19001	Metric	1	B Congestive Head Fallure	209	Jan Mar	1995		0480	4.0962	0800		0	8,300/08#
19001	Metric		T. Acute Physical Miller Res	209	Jan Mar	2870		199	0.000	0.7909		0	E.50000FW
19000	Metal		ti Other Cardian Complications	209	Jantha	300		0.000				0	6,000,000
10001	Helse		N Venticular Fibrillation/Cardia: Areas	204	Jan Mar	290		4,000	6389	9900			4.000000
10001	Hete		Peripheral Resoulur Complications Congr. B. Venney Terrentonio	208	Jedhe	200		6.674					10004 W
10000	Helio		B. Veneza Terománsio	208	JaniMar	E760		0.000	4			0	6.000452
18001	Metus		Major Gusholetavinal Complications without If Translution or Significant Bleeding	209	Jacobs	2607		2 14894	11903	1966			8.3000077
10001	Metus		Major Countries total Complications with 8 Translution or Significant Deeding	204	JaniMar	369		10000	0904	0.4250			6.00ma06
19001	Helse		B Major Lines Complications	204	Jan Mar	328		6704	27546	1904			1,3004-93
10001	Hete	١.,	Other Gamoins roled Complications without 29 Therefore or Significant Beading	204	JaniMar	388		2000	0387	9.041)			000109
10001	Hete		21 Chownidow Difficille Collinia	204	JenMer	990		10070	95961	2,000	0	0	6,000,000
10000	Meter		2) 9/ Complexions Except I/Ti	204	JaniMar	3249		07694	- 6		0	0	6,000879