

Johns Hopkins Bayview Medical Center
REVISED Comparison to JHBMC's Efficiency Measure Peer Group
Capital Adjustment - Rate Comparison
FY 2017 Approved Rates

		A=B*C	B	C(1)	D	E	F	G	H	I	J	K	L=Average of D,K	M = (C-L)	N = B * L	O = A - N				
		JHBMC			Prince George's Hospital Center		Harbor Hospital Center		Bon Secours Hospital		Union Memorial Hospital		Mercy Medical Center		JHBMC	UMMC	Peer Group Average Rate	JHBMC (Favorable) / Unfavorable to Average Rate	JHBMC Revenue at Peer Group Rates	JHBMC (Favorable) / Unfavorable to Peer Group
Center	Unit of Measure	Revenue	Volume	Capital Adjusted Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate	HSCRC Approved Rate						
ADM		\$ 3,832,457	20,333	\$ 188.4846	\$ 237,4858	\$ 319,4989	\$ 138,5180	\$ 275,9960	\$ 140,9926	\$ 189,6981	\$ 178,7263	\$ 341,4537	\$ 227.80	\$ (39.31)	\$ 4,631,780	\$ (799,322)				
AMR	HSCRC RVUs	47,379	11,435	4.1435	5.1999	5.6321	7.2719	1.6173	4.0404	4.1959	3.9290	6.9656	4.86	(0.71)	55,532	(8,153)				
ANS	Minutes	9,328,335	2,082,149	4.4801	2,2297	7,6318	1,4231	2,3582	1,4810	3,5404	4,2482	59,2082	3.31	1.17	6,891,913	2,436,422				
AUD	MD RVUs	377,310	31,460	11.9933	-	-	-	-	-	-	-	59,2082	35.29	(23.30)	1,110,233	(732,923)				
BUR		7,424,020	2,349	3,160.5023	-	-	-	-	-	-	-	2,996.8756	163.63	-	7,039,661	384,359				
CAT	MD RVUs	12,556,748	1,906,893	6.3158	8,2755	4,1127	4,8801	7,6938	5,4646	10,5559	7.54	13,3275	7.54	(1.22)	14,976,877	(2,420,129)				
CCU	Patient Days	6,753,407	3,415	1,977.5715	3,610.6583	2,264.2728	-	-	-	-	-	1,875,1879	2,583.37	(605.80)	8,822,219	(2,068,812)				
CL	MD RVUs	68,288,228	2,268,470	30.1032	86,8213	52,1444	49,9872	62,2249	66,8159	28,1561	28,5447	56,0783	53.85	(23.74)	122,149,375	(53,861,147)				
CRH		19,489,851	19,915	978.6518	-	-	-	-	-	-	-	927.9847	768.86	209.79	15,311,940	4,177,912				
DEF	Patient Days	-	-	-	-	176.8482	-	-	-	-	-	-	176.85	-	NA	-				
DEG	MD RVUs	9,504,642	114,673	82.8847	114,1119	112,3268	130,1176	-	-	111,4033	78,5936	109,31	26.43	-	12,534,979	NA				
EKG	1974 Calif. RVUs	9,342,170	505,530	18.4800	16,1633	9,6109	19,1089	22,9560	15,3103	10,1608	17,5232	17,5303	16.05	2.43	8,111,463	1,320,707				
EKG	MD RVUs	6,995,905	577,457	12.1150	3,5350	3,2498	4,1907	11,8280	4,1066	3,4770	11,4878	12,1861	6.76	5.36	3,902,238	3,093,667				
EMG	MD RVUs	40,470,797	669,647	60.4360	69,2592	67,0761	45,9558	79,3499	51,0367	60,8151	57,3071	79,7795	63.82	(3.39)	42,738,495	(2,267,699)				
ETH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
FSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
GTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
HYP	Hrs of Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
IRC	MD RVUs	12,075,327	146,449	82.4541	114,4136	90,1343	86,9312	198,9656	134,0176	76,0565	78,1853	77,3088	107.00	(24.55)	15,670,279	(3,954,952)				
ITH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
LAB	MD RVUs	46,351,596	22,947,770	2.0199	2,3426	1,8554	2,7835	2,8334	2,7523	2,6420	1,9153	3,0014	2.52	(0.50)	57,730,566	(11,378,969)				
LEU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
LIT	Procedures	-	-	3,471.9678	3,395.6890	3,244.0950	2,735.2131	-	2,834.3586	3,672.9400	3,292.2158	4,601.9876	3,396.64	75.33	-	-				
MIS	Patient Days	15,820,777	9,510	1,663.5938	3,434.9717	2,256.2502	2,921.4989	2,623.5506	2,281.6124	1,907.0161	1,577.4656	3,994.4050	2,624.60	(961.00)	24,959,911	(9,139,134)				
MRI	MD RVUs	7,083,172	112,909	62.7335	49,9978	60,5358	40,5419	63,5753	21,1314	46,3895	59,4856	46,4596	48.51	14.22	5,477,736	1,605,436				
MSE	Patient Days	75,882,417	62,979	1,204.8844	1,044.9381	1,067.5734	1,272.1144	1,449.0404	1,467.8518	866.8536	1,142.5047	1,709.4252	1,252.54	(47.65)	78,883,572	(3,001,557)				
NEO	Patient Days	7,557,671	5,252	1,430.0083	1,676.1292	1,707.2955	-	-	-	1,095.2996	1,364.5074	1,460.81	21.80	-	7,672,163	(114,402)				
NHC	HSCRC RVUs	4,654,055	154,334	30.1557	15,4263	42,0701	18,4517	45,9008	30,6048	29,6252	28,5945	53,5381	33.02	(2.87)	5,096,408	(442,353)				
NUR	Patient Days	1,361,318	2,860	475.9854	553.8446	717.8388	709.5102	-	-	602.9265	451.3425	-	607.09	(131.11)	1,736,285	(374,966)				
OA	-	-	-	28,615.7541	-	-	-	-	-	-	-	-	-	-	NA	-				
OBS	Patient Days	3,833,363	3,935	974.1709	1,410.5777	1,004.4193	1,192.9511	-	-	1,061.8994	923.7358	-	27,134.25	1,481.51	-	-				
OBV	HSCRC RVUs	6,807,179	127,415	53.4253	82,6632	86,5827	68,8872	54,3158	63,2002	78,0737	50,6593	77,7087	1,118.72	(144.55)	4,402,150	(568,787)				
OCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
ONC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
OR	Minutes	50,769,626	1,571,197	32.3127	40,1927	30,9305	33,0825	62,9967	41,5847	33,5659	30,6398	48,4797	40.18	(7.87)	63,137,078	(12,367,452)				
ORC	Minutes	4,990,267	218,459	22.8430	18,2440	18,7408	18,7408	-	17,8166	20,7272	21,6604	16,1062	18.88	3.96	4,125,059	865,208				
OTH	MD RVUs	11,421,976	1,068,700	10.6877	8,3099	9,0641	7,0912	11,2707	16,2173	10,5221	10,1344	8,1980	10.10	0.59	10,794,899	627,078				
PAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
PCD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
PDC	Visits	3,538,312	7,097	498.5645	541.5704	596.2245	-	1,097.2531	478.6766	-	472.7526	133.5087	553.33	(54.77)	3,926,990	(388,678)				
PEO	Patient Days	438,820	392	1,119.4392	1,553.3823	2,289.7512	-	-	-	-	1,061.4832	-	1,634.87	(515.43)	640,870	(202,050)				
PKC	-	-	-	3,120.3144	-	-	-	-	-	-	-	-	3,120.31	-	NA	-				
PRE	Patient Days	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
PSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
PSG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
PSP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
PST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
PSY	Patient Days	8,603,078	6,362	1,352.2600	875.9734	1,004.7011	-	1,248.9349	875.9198	-	1,282.2503	911.7564	1,033.26	319.00	6,573,575	2,029,504				
PTH	MD RVUs	16,195,249	1,220,662	13.2676	14,6684	14,2721	14,4273	26,8157	14,2193	11,7270	12,5807	10,7276	12.5807	(1.66)	18,224,194	(2,028,945)				
PUL	MD RVUs	3,470,228	347,216	9.9944	9.2897	8,1849	5,5257	2,8730	3,7161	5,8020	2,1386	5.88	4.12	2,040,198	1,430,030					
RAD	HSCRC RVUs	25,841,567	485,844	53.1890	40,2545	24,3248	32,4828	69,5322	39,1929	51,8944	50,4353	51,2534	44.92	8.27	21,824,738	4,016,829				
BAT	HSCRC RVUs	11,482,883	1,015,149	11.3115	11,0793	11,8202	14,0965	11,0009	12,2460	9,7048	11,1105	10,7259	11.47	(0.16)	11,646,817	(163,934)				
RDL	Treatments	2,356,494	2,934	803.1676	984.1313	487.1724	678.6587	1,496.4565	348.1869	-	761.5857	994.7092	821.56	(18.39)	2,410,449	(53,955)				
RDS	-	-	-	-	-	-	-	-	-	-	-	-	1,278.29	NA	-	NA				
REC	-	-	-	-	-	-	-	-	-	-	-	-	106.8070	106.81	-	NA				
RES	MD RVUs	8,611,902	4,738,883	1.8173	2,4765	1,5964	2,9375	3,5740	2,4095	2,6854	-	1,7232	1,6744	2.38	11,300,400	(2,688,498)				
RHB	Patient Days	-	-	-	1,026.2373	-	-	-	977.5486	-	-	-	1,151.27	NA	-	-				
SDS	Patients	4,620,544	8,385	551.0488	833.7412	1,173.5593	767.6466	1,434.5884	367.0023	1,063.8717	522.5197	927.6413	886.32	(335.27)	7,431,804	(2,811,260)				
STH	MD RVUs	2,181,889	216,921	10.0584	10,5688	10,0229	6,1991	9,2905	9,3149	8,8985	9,5377	11,2637	9.39	0.67	2,036,240	145,649				
TMT	-	-	-	-	-	-	-	-	-	-	-	-	5,959.77	NA	-	NA				
TNA	MD RVUs	-	-	-	-	-	5,670.9732	-	6,248.5680	-	4,022.2763	-	4,022.28	NA	-	NA				
TRM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
TRU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	-				
Subtotal		\$ 530,360,960													\$ 624,971,433	\$ (94,610,473)				
CDS	EIPA	60,741,032	30,798,526	1.9722	2.1368	2,4258	2,6158	4,1210	-	1,6059	78,291,174	1,8701	2.54	(0.57)	78,291,174	(17,550,142)				
MSS	EIPA	52,405,599	37,469,791	1.3986	1.5700	1,5635	1,8225	1,9377	-	1,3553	1,3262	1,8682	1.63	(0.24)	61,254,543	(8,848,944)				
Total		\$ 643,507,590													\$ 764,517,150	\$ (121,009,560)				

Capital Adjustment Calculation:
Depreciation \$ 17,309,000 A
Interest 13,000,000 B
Net Increase in Revenue \$ 30,309,000 C= A + B

HSCRC Markup (2) 1.09920872 D (2)

Gross Decrease in Revenue \$ 33,315,917 E= C*D

Gross Decrease % of Approved Revenue 5.46% F = E / \$643,507,590
Rate Multiplier 1.0546 G = 1+F

Notes:
(1) Adjusted rate calculated as HSCRC FY2017 approved unit multiplied by 1.0546 as calculated above
(2) Error in mark-up calculation corrected, updated with correct mark-up of 9.92%

Sources:
FY2017 Experience Data
FY2017 HSCRC Approved Unit Rates