

					FY19	FY19	FY19	FY19	FY20	FY20	FY20	FY20	FY21	FY21	FY21
	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4	2019Q1	2019Q2	2019Q3	2019Q4	2020Q1	2020Q2	2020Q3	2020Q4	2021Q1
CPI--BASELINE SCENARIO (1982-84=1)	2.706	2.714	2.746	2.765	2.78	2.805	2.825	2.838	2.848	2.869	2.895	2.91	2.924	2.94	2.96
CPI--OPTIMISTIC SCENARIO (1982-84=1)	2.706	2.714	2.746	2.765	2.78	2.801	2.817	2.826	2.833	2.852	2.876	2.888	2.9	2.913	2.931
CPI--PESSIMISTIC SCENARIO (1982-84=1)	2.706	2.714	2.746	2.765	2.78	2.806	2.827	2.842	2.855	2.88	2.911	2.931	2.95	2.972	2.998

Rate-to-rate CAF

Assumption for Rate Reviews that are to be promulgated July 1, 2019

[illegible]

DMH RESPITE - BLENDED CAPACITY MODELS -

MASTER DATA LOOKUP TABLE				
MASTER DATA LOOKUP TABLE				
BENCHMARK SALARIES		SOURCE		
Program Function Manager	\$ 75,589	101 CMR 421.00: Rates for Adult Housing and Community Support Services		
Program Director	\$ 54,266	102 CMR 421.00: Rates for Adult Housing and Community Support Services		
LPHA	\$ 53,772	103 CMR 421.00: Rates for Adult Housing and Community Support Services		
APRN	\$ 90,484	104 CMR 421.00: Rates for Adult Housing and Community Support Services		
RN	\$ 62,729	105 CMR 421.00: Rates for Adult Housing and Community Support Services		
LPN	\$ 48,357	106 CMR 421.00: Rates for Adult Housing and Community Support Services		
DC Blend (I + II)	\$ 28,225	107 CMR 421.00: Rates for Adult Housing and Community Support Services		
Relief	\$ 28,225	108 CMR 421.00: Rates for Adult Housing and Community Support Services		
DC Blend (I + II) Mobile	\$ 28,225	109 CMR 421.00: Rates for Adult Housing and Community Support Services		
Peer & Family Specialist	\$ 28,225	110 CMR 421.00: Rates for Adult Housing and Community Support Services		
Clerical Support	\$ 27,811	111 CMR 421.00: Rates for Adult Housing and Community Support Services		
LEVEL	A	B	C	
FTEs	6	9	13	
Average Site	4	10	32	
Average Mobile				
Program Function Manager	0.05	0.05	0.11	Purchaser Recommendation
Program Director	1.00	1.15	2.17	Purchaser Recommendation
LPHA	0.60	0.65	1.30	Purchaser Recommendation
APRN	0.10	0.15	0.22	Purchaser Recommendation
RN	0.50	0.55	1.08	Purchaser Recommendation
LPN	0.50	0.55	1.08	Purchaser Recommendation
DC Blend (I + II)	4.20	5.46	9.10	Purchaser Recommendation
Relief	1.12	1.67	3.69	101 CMR 420.00: Rates for Adult Long Term Residential Services (15.4% * LPHA, APRN, RN, LPN, DC Blend, and DC Blend-
DC Blend (I + II) Mobile	1.40	3.50	11.20	Purchaser Recommendation
Peer & Family Specialist	0.40	0.52	0.87	Purchaser Recommendation
Clerical Support	0.25	0.33	0.54	Purchaser Recommendation
Total FTEs by Capacity	10.12	14.58	31.36	
BENCHMARK EXPENSES				
Tax & Fringe	22.60%	FY16 Contract Data		
Occupancy	551,202	Purchaser Recommendation at 35th percentile and scaled per model		
Mobile Transportation (per Mobile DC FTE)	\$ 4,106	Purchaser Recommendation (25 miles per day*\$5.45 per mile)		
Meals (per bed day)	\$ 8.16	101 CMR 420.00: Rates for Adult Long Term Residential Services		
Other Expenses (per FTE)	\$ 1,669	FY16 Contract Data		
Direct Admin Expenses (per FTE)	\$ 1,121	FY16 Contract Data		
Admin Allocation	12.00%	101 CMR 414.00: Rates for Family Stabilization Services		
CAF 1	5.43%	Base FY16 - Prospective 7/1/17 - 6/30/19		
Rate Review CAF	2.35%	Prospective Period FY20 7 FY21		

DMH RESPITE - 3048 - Blended Model - Level A				
Maximum Model Capacity		13		
Average Site Capacity		6	TOTAL UNITS	2,190
Average Mobile Capacity		4	TOTAL UNITS	487
Position	Salary	FTE	Expense	
Program Function Manager	\$ 75,589	0.05	\$ 3,779	
Program Director	\$ 54,266	1.00	\$ 54,266	
LPHA	\$ 53,772	0.60	\$ 32,263	
APRN	\$ 90,484	0.10	\$ 9,048	
RN	\$ 62,729	0.50	\$ 31,364	
LPN	\$ 48,357	0.50	\$ 24,178	
DC Blend (I + II)	\$ 28,225	4.20	\$ 118,544	
Relief	\$ 28,225	1.12	\$ 31,730	
DC Blend (I + II) Mobile	\$ 28,225	1.40	\$ 39,515	
Peer & Family Specialist	\$ 28,225	0.40	\$ 11,290	
Clerical Support	\$ 27,811	0.25	\$ 6,953	
Total Program Staff		10.12	\$ 362,932	
Tax and Fringe	22.60%		\$ 82,033	
Total Compensation			\$ 444,965	
Program Expenses				
Occupancy		\$ 51,202	\$ 51,202	
Mobile Transportation (per Mobile DC FTE)		\$ 4,106	\$ 5,749	
Meals (per bed day)		\$ 8.16	\$ 17,870	
Other Expenses (per FTE)		\$ 1,669	\$ 16,897	
Direct Admin Expenses (per FTE)		\$ 1,121	\$ 11,350	
Total Expenses			\$ 103,068	
Total Reimb excl M&G			\$ 548,033	
Admin. Allocation	12.00%		\$ 65,764	
TOTAL			\$ 613,797	
CAF 1	5.43%		\$ 647,139	
Rate Review CAF	2.35%		\$ 662,357	
PFMLA Trust Contribution	0.63%		\$ 2,467	
TOTAL PROGRAM COST			\$ 664,825	
Monthly Rate:			\$ 55,402	

DMH RESPITE - 3048 - Blended Model - Level B				
Maximum Model Capacity		20		
Average Site Capacity		9	TOTAL UNITS	3,285
Average Mobile Capacity		10	TOTAL UNITS	1,217
Position	Salary	FTE	Expense	
Program Function Manager	\$ 75,589	0.05	\$ 3,779	
Program Director	\$ 54,266	1.15	\$ 62,406	
LPHA	\$ 53,772	0.65	\$ 34,952	
APRN	\$ 90,484	0.15	\$ 13,573	
RN	\$ 62,729	0.55	\$ 34,501	
LPN	\$ 48,357	0.55	\$ 26,596	
DC Blend (I + II)	\$ 28,225	5.46	\$ 154,108	
Relief	\$ 28,225	1.67	\$ 47,204	
DC Blend (I + II) Mobile	\$ 28,225	3.50	\$ 98,787	
Peer & Family Specialist	\$ 28,225	0.52	\$ 14,677	
Clerical Support	\$ 27,811	0.33	\$ 9,039	
Total Program Staff		14.58	\$ 499,621	
Tax and Fringe	22.60%		\$ 112,929	
Total Compensation			\$ 612,550	
Program Expenses				
Occupancy		\$ 51,202	\$ 66,562	
Mobile Transportation (per Mobile DC FTE)		\$ 4,106	\$ 14,372	
Meals (per bed day)		\$ 8.16	\$ 26,806	
Other Expenses (per FTE)		\$ 1,669	\$ 24,330	
Direct Admin Expenses (per FTE)		\$ 1,121	\$ 16,342	
Total Expenses			\$ 148,412	
Total Reimb excl M&G			\$ 760,961	
Admin. Allocation	12.00%		\$ 91,315	
TOTAL			\$ 852,277	
CAF 1	5.43%		\$ 898,560	
Rate Review CAF	2.35%		\$ 919,705	
PFMLA Trust Contribution	0.63%		\$ 3,397	
TOTAL PROGRAM COST			\$ 923,101	
Monthly Rate:			\$ 76,925	

DMH RESPITE - 3048 - Blended Model - Level C				
Maximum Model Capacity		45		
Average Site Capacity		13	TOTAL UNITS	4,745
Average Mobile Capacity		32	TOTAL UNITS	3,893
Position	Salary	FTE	Expense	
Program Function Manager	\$ 75,589	0.11	\$ 8,189	
Program Director	\$ 54,266	2.17	\$ 117,576	
LPHA	\$ 53,772	1.30	\$ 69,904	
APRN	\$ 90,484	0.22	\$ 19,605	
RN	\$ 62,729	1.08	\$ 67,956	
LPN	\$ 48,357	1.08	\$ 52,387	
DC Blend (I + II)	\$ 28,225	9.10	\$ 256,846	
Relief	\$ 28,225	3.69	\$ 104,247	
DC Blend (I + II) Mobile	\$ 28,225	11.20	\$ 316,118	
Peer & Family Specialist	\$ 28,225	0.87	\$ 24,462	
Clerical Support	\$ 27,811	0.54	\$ 15,064	
Total Program Staff		31.36	\$ 1,052,353	
Tax and Fringe	22.60%		\$ 237,862	
Total Compensation			\$ 1,290,215	
Program Expenses				
Occupancy		\$ 51,202	\$ 89,603	
Mobile Transportation (per Mobile DC FTE)		\$ 4,106	\$ 45,990	
Meals (per bed day)		\$ 8.16	\$ 38,719	
Other Expenses (per FTE)		\$ 1,669	\$ 52,340	
Direct Admin Expenses (per FTE)		\$ 1,121	\$ 35,157	
Total Expenses			\$ 261,809	
Total Reimb excl M&G			\$ 1,552,023	
Admin. Allocation	12.00%		\$ 186,243	
TOTAL			\$ 1,738,266	
CAF 1	5.43%		\$ 1,832,664	
Rate Review CAF	2.35%		\$ 1,875,789	
PFMLA Trust Contribution	0.63%		\$ 7,154	
TOTAL PROGRAM COST			\$ 1,882,943	
Monthly Rate:			\$ 156,912	

DMH RESPITE - PEER MODEL

MASTER DATA LOOKUP TABLE		
BENCHMARK SALARIES		SOURCE
Program Function Manager	\$ 75,589	101 CMR 421.00: Rates for Adult Housing and Community Support Services
Program Director	\$ 54,266	102 CMR 421.00: Rates for Adult Housing and Community Support Services
Peer & Family Specialist	\$ 28,225	103 CMR 421.00: Rates for Adult Housing and Community Support Services
DC Blend (I + II)	\$ 28,225	104 CMR 421.00: Rates for Adult Housing and Community Support Services
Relief	\$ 28,225	105 CMR 421.00: Rates for Adult Housing and Community Support Services
Clerical Support	\$ 27,811	106 CMR 421.00: Rates for Adult Housing and Community Support Services
FTEs		
Program Function Manager	0.05	Purchaser Recommendation
Program Director	1.00	FY16 PEER Contract Data
Peer & Family Specialist	2.00	FY16 PEER Contract Data
DC Blend (I + II)	4.00	Purchaser Recommendation
Relief	0.62	101 CMR 420.00: Rates for Adult Long Term Residential Services (15.4% relief factor)
Clerical Support	0.25	Purchaser Recommendation
BENCHMARK EXPENSES		
Tax & Fringe	22.60%	FY16 Contract Data
Occupancy (per site)	\$ 51,202	Benchmarked to Blended Model Level A - Scaled to Capacity
Meals (per unit)	\$ 8.16	101 CMR 420.00: Rates for Adult Long Term Residential Services
Transportation (per FTE)	\$ 177	FY16 PEER Contract Data
Other Expenses (per FTE)	\$ 1,574	FY16 PEER Contract Data
Direct Admin Expense (per FTE)	\$1,023	FY16 PEER Contract Data
Admin Allocation	12.00%	FY16 PEER Contract Data
CAF 1	5.43%	Base FY16 - Prospective 7/1/17-6/30/19
Rate Review CAF	2.35%	Prospective Period FY20 7 FY21
PFMLA Trust Contribution	0.63%	Effective 7/1/19

DMH RESPITE - 3048 - PEER MODEL			
Minimum Site Capacity	3		
Maximum Site Capacity	5		
Average Site Capacity	4	Total Units	1,460
Position	Salary	FTE	Expense
Program Function Manager	\$ 75,589	0.05	\$ 3,779
Program Director	\$ 54,266	1.00	\$ 54,266
Peer & Family Specialist	\$ 28,225	2.00	\$ 56,450
DC Blend (I + II)	\$ 28,225	4.00	\$ 112,899
Relief	\$ 28,225	0.62	\$ 17,387
Clerical Support	\$ 27,811	0.25	\$ 6,953
Total Program Staff		7.92	\$ 251,734
Tax and Fringe	22.60%		\$ 56,899
Total Compensation			\$ 308,633
Program Expense		Unit Cost	
Occupancy (per site)	\$ 51,202	\$	34,134
Meals (per unit)	\$ 8.16	\$	11,914
Transportation (per FTE)	\$ 177	\$	707
Other Expenses (per FTE)	\$ 1,574	\$	12,458
Direct Admin Expense (per FTE)	\$ 1,023	\$	8,100
Total Program Expense			\$ 67,314
Total Reimb excl M&G			\$ 375,946
Admin. Allocation	12.00%		\$ 45,114
TOTAL PROGRAM COST			\$ 421,060
CAF 1	5.43%		\$ 443,926
Rate Review CAF	2.35%		\$ 454,372
PFMLA Trust Contribution	0.63%		\$ 1,711
TOTAL PROGRAM COST			\$ 456,083
Monthly Rate			\$ 38,007

DMH RESPITE - SITE BASED PER DIEM MODEL

MASTER DATA LOOKUP TABLE		
BENCHMARK SALARIES		SOURCE
Management	\$ 54,266	101 CMR 421: Rates for Adult Housing and Community Support Services
Medical	\$ 62,729	102 CMR 421: Rates for Adult Housing and Community Support Services
Clinician / Counselor	\$ 43,135	103 CMR 421: Rates for Adult Housing and Community Support Services
DC Blend (I + II)	\$ 28,225	103 CMR 421: Rates for Adult Housing and Community Support Services
Relief	\$ 28,225	87.3% Of DC Blend - 101 CMR 420.00: Rates for Adult Long Term Residential Services
Clerical Support	\$ 27,811	103 CMR 421: Rates for Adult Housing and Community Support Services
FTEs		
Management	1.00	Benchmarked to Blended Model Level A
Medical	1.10	Benchmarked to Blended Model Level A
Clinician / Counselor	0.60	Benchmarked to LPHA Blended Model Level A
DC Blend (I + II)	4.20	Benchmarked to Blended Model Level A
Relief	0.65	101 CMR 420: Rates for Adult Long Term Residential Services (15.4% * DC I + II)
Clerical Support	0.15	Benchmarked to Blended Model Level A
BENCHMARK EXPENSES		
Tax & Fringe	22.60%	FY16 Contract Data
Occupancy (per bed day)	\$ 17.19	101 CMR 346.00: Rates for Certain Substance Related and Addictive Disorders Programs
Meals (per bed day)	\$ 8.16	101 CMR 420.00: Rates for Adult Long Term Residential Services
Other Expenses (per DC FTE)	\$ 1,669	Benchmarked to Blended Model Level A
Direct Admin Expenses (per DC FTE)	\$ 1,121	Benchmarked to Blended Model Level A
Admin Allocation	12.00%	101 CMR 414.00: Rates for Family Stabilization Services
CAF 1	5.43%	Base FY16 - Prospective 7/1/17-6/30/19
Rate Review CAF	2.35%	Prospective Period FY20 7 FY21
PFMLA Trust Contribution	0.63%	Effective 7/1/19

DMH RESPITE - 3048 -SITE BASED PER DIEM MODEL				
Beds:		6	Bed Days:	2,190
Position	Salary	FTE	Expense	
Management	\$ 54,266	1.00	\$	54,266
Medical	\$ 62,729	1.10	\$	69,002
Clinician / Counselor	\$ 43,135	0.60	\$	25,881
DC Blend (I + II)	\$ 28,225	4.20	\$	118,544
Relief	\$ 28,225	0.65	\$	18,256
Clerical Support	\$ 27,811	0.15	\$	4,172
Total Program Staff		7.70	\$	290,120
Tax and Fringe		22.60%	\$	65,575
Total Compensation			\$	355,695
Program Expense		Unit Rate		
Occupancy (per bed day)		\$ 17.19	\$37,646	
Meals (per bed day)		\$ 8.16	\$17,870	
Other Expenses (per DC FTE)		\$ 1,669	\$7,010	
Direct Admin Expenses (per DC FTE)		\$ 1,121	\$4,709	
Total Program Expense			\$	67,235
Total Reimb excl M&G			\$	422,930
Admin. Allocation		12.00%	\$	50,752
TOTAL PROGRAM COST			\$	473,682
CAF 1		5.43%	\$	499,405
Rate Review CAF		2.35%	\$511,157.08	
PFMLA Trust Contribution		0.63%	\$	1,972.36
TOTAL PROGRAM COST			\$	513,129
Per Diem Rate			\$	234.31

DMH RESPITE - MOBILE PER DIEM MODEL

MASTER DATA LOOKUP TABLE		
BENCHMARK SALARIES		SOURCE
Management	\$ 54,266	101 CMR 421: Rates for Adult Housing and Community Support Services
Medical	\$ 62,729	101 CMR 421: Rates for Adult Housing and Community Support Services
Clinician / Counselor	\$ 43,135	101 CMR 421: Rates for Adult Housing and Community Support Services
DC Blend (I + II)	\$ 28,225	101 CMR 421: Rates for Adult Housing and Community Support Services
Clerical Support	\$ 27,811	101 CMR 421: Rates for Adult Housing and Community Support Services
FTEs		
Management	0.25	Purchaser Recommendation
Medical	0.50	Benchmarked to RN Blended Model Level A
Clinician / Counselor	0.50	Benchmarked to RN Blended Model Level A
DC Blend (I + II)	1.40	Benchmarked to Blended Model Level A
Clerical Support	0.25	Benchmarked to Blended Model Level A
BENCHMARK EXPENSES		
Tax & Fringe	22.60%	FY16 Contract Data
Occupancy (per Management plus Clerical FTE)	\$ 16.50	101 CMR 421: Rates for Adult Housing and Community Support Services
Transportation (per day)	\$ 26.53	101 CMR 420.00: Rates for Adult Long Term Residential Services (daily minivan rate * 365 * .5)
Other Expenses (per FTE)	\$ 571	101 CMR 421: Rates for Adult Housing and Community Support Services
Admin Allocation	12.00%	101 CMR 414.00: Rates for Family Stabilization Services
CAF 1	5.43%	Base FY16 - Prospective 7/1/17-6/30/19
Rate Review CAF	2.35%	Prospective Period FY20 7 FY21
PFMLA Trust Contribution	0.63%	Effective 7/1/19

DMH RESPITE - 3048 -MOBILE PER DIEM MODEL			
Slots	10	Total Slots	1,825
Position	Salary	FTE	Expense
Management	\$ 54,266	0.25	\$ 13,566
Medical	\$ 62,729	0.50	\$ 31,364
Clinician / Counselor	\$ 43,135	0.50	\$ 21,567
DC Blend (I + II)	\$ 28,225	1.40	\$ 39,515
Clerical Support	\$ 27,811	0.25	\$ 6,953
Total Program Staff		2.90	\$ 112,966
Tax and Fringe		22.60%	\$ 61,685
Total Compensation			\$ 174,651
Program Expense		Unit Rate	
Occupancy (per Management plus Clerical FTE)	\$ 16.50		\$ 825
Transportation	\$ 26.53		\$ 4,842
Other Expenses (per FTE)	\$ 571		\$ 1,656
Total Program Expense			\$ 7,323
Total Reimb excl M&G			\$ 181,974
Admin. Allocation	12.00%		\$ 21,837
TOTAL PROGRAM COST			\$ 203,811
CAF 1	5.43%		\$ 214,879
Rate Review CAF	2.35%		\$ 219,935