

Public Employees Benefit Program – State of Nevada

Medical Management Review
January 1, 2022 – March 31, 2022

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Executive Overview

Overview

This presentation contains information for **Public Employees Benefit Program** and provides an overview of **Utilization Management, Case Management, and Post-Discharge Counseling**.

All data included is as of **April 30, 2022** and covers the reporting period of **January 1, 2022 – March 31, 2022**; all tables and graphs reflect the reporting period unless expressly noted. When requested, prior period comparison details are provided and indicated on the associated graphs or charts.

Return on Investment – Comparison

- ▶ Summary of medical management savings and ROI
 - ▶ Utilization Management savings are achieved through medical necessity reviews of inpatient bed days and outpatient services
 - ▶ Case Management savings are estimated costs that would have been incurred to the plan, had we not intervened

October 1, 2021 - December 31, 2021			
	Fees	Estimated Savings	ROI
Utilization Management	\$187,628	\$3,164,029	16.9 to 1
Case Management	\$282,531	\$2,474,943	8.8 to 1
Total	\$470,159	\$5,638,972	12.0 to 1

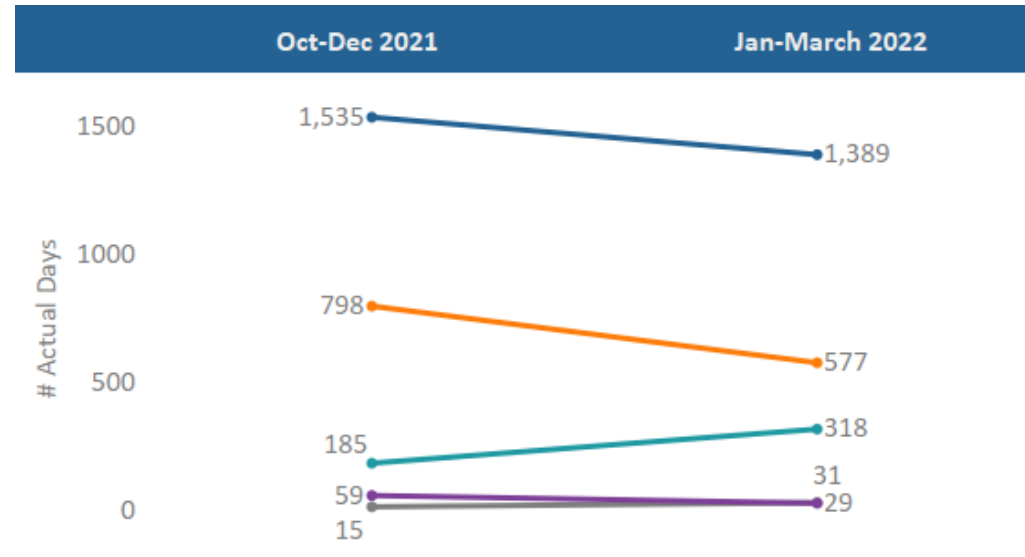
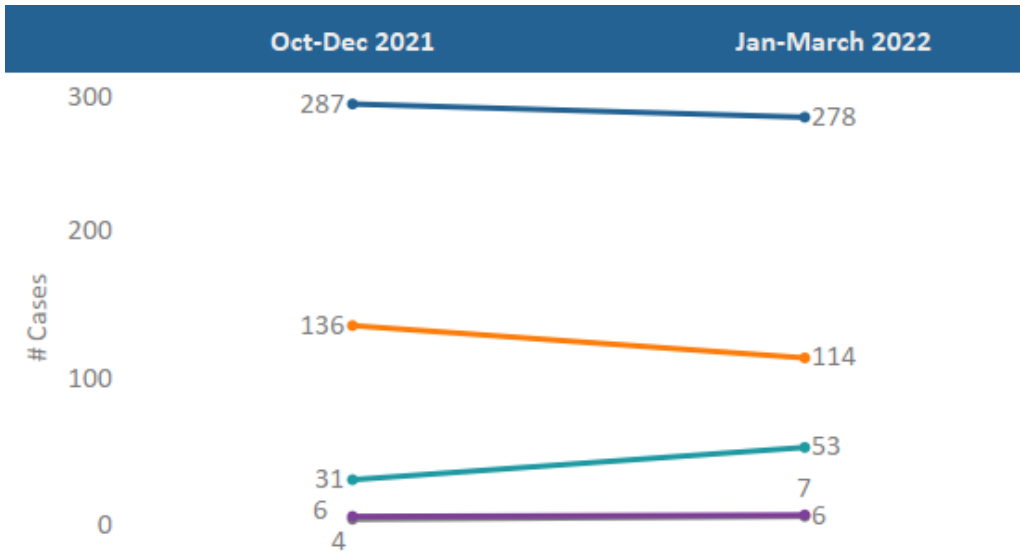
Utilization Management Breakout	
Inpatient Savings	\$2,217,081
Outpatient Savings	\$946,948

January 1, 2022 - March 31, 2022			
	Fees	Estimated Savings	ROI
Utilization Management	\$189,215	\$3,143,856	16.6 to 1
Case Management	\$283,014	\$2,409,052	8.5 to 1
Total	\$472,229	\$5,552,908	11.8 to 1

Utilization Management Breakout	
Inpatient Savings	\$1,266,610
Outpatient Savings	\$1,877,246

Utilization Management

Acute Inpatient Activity Summary



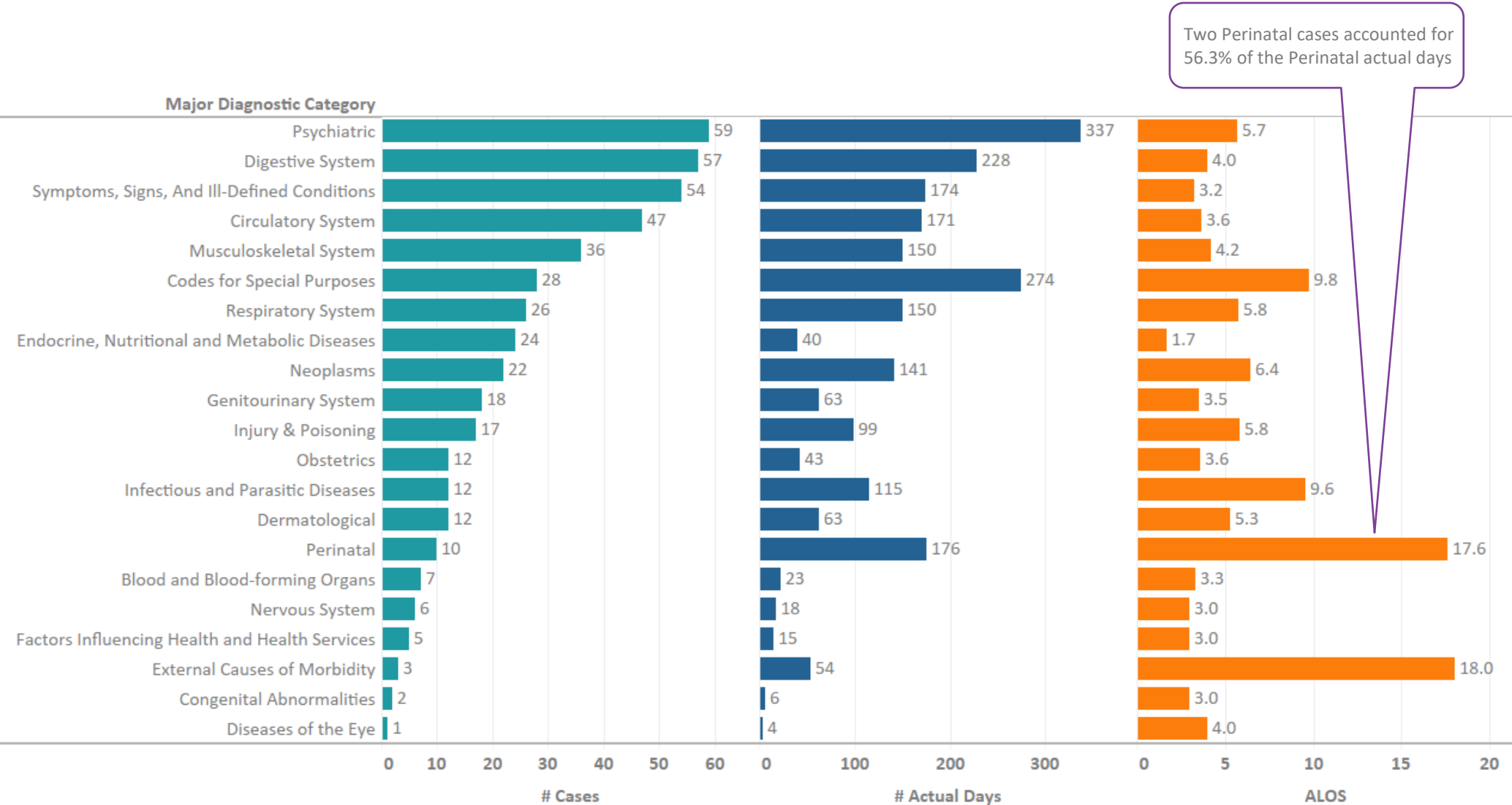
- Medical
- Mental Health
- Obstetrics
- Substance Abuse
- Surgical

Utilization Review Process

Days Saved: 165
 Estimated Savings: \$1,232,220

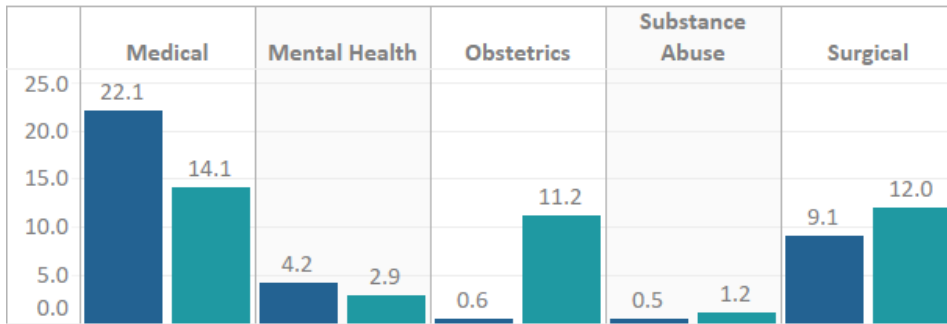
	Cases	Actual Days	Requested Days	Approved Days	Saved Days	Estimated Savings
Medical	278	1,389	1,407	1,303	104	\$685,776
Surgical	114	577	579	544	35	\$501,795
Mental Health	53	318	320	297	23	\$36,455
Obstetrics	7	29	29	28	1	\$5,650
Substance Abuse	6	31	33	31	2	\$2,544
Grand Total	458	2,344	2,368	2,203	165	\$1,232,220

Acute Inpatient – Case and Actual Days by Diagnostic Categories

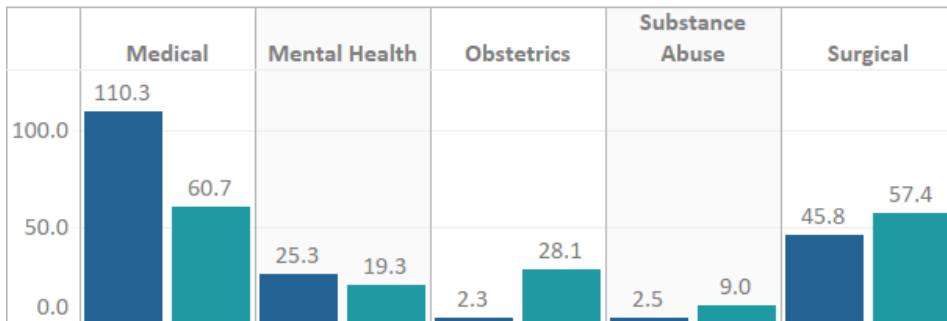


Acute Inpatient Activity – Utilization Benchmarks

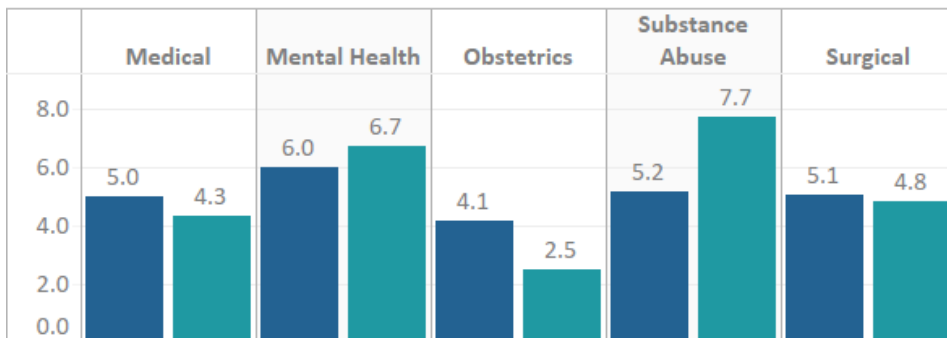
Admissions per 1,000



Days per 1,000



ALOS



Admissions per 1,000

- During the report period, medical and mental health acute inpatient admissions were above the Milliman benchmarks
 - **Medical: 21** members had **2 or more** inpatient admissions
 - **Mental Health: 5** members had **2 or more** inpatient admissions

Days per 1,000

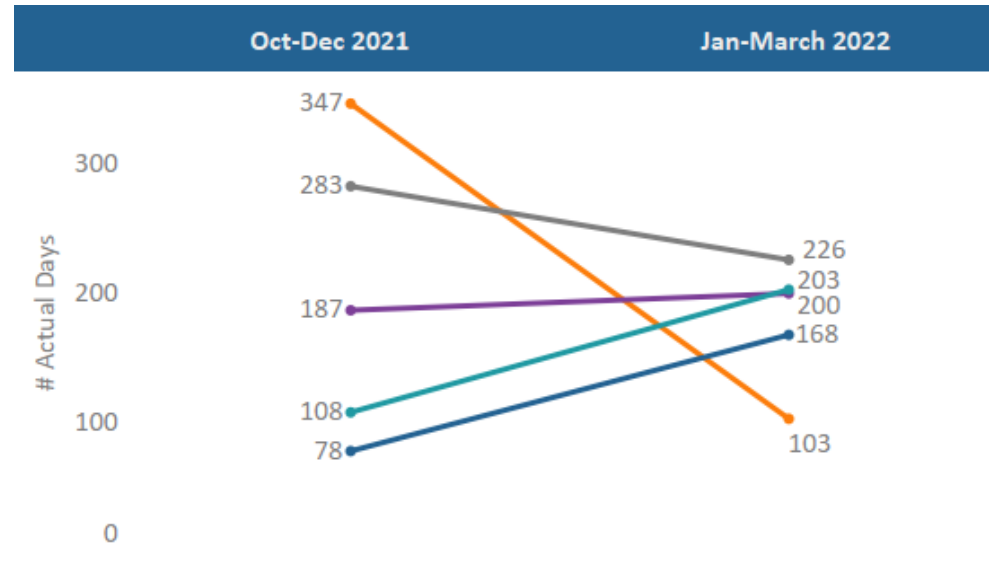
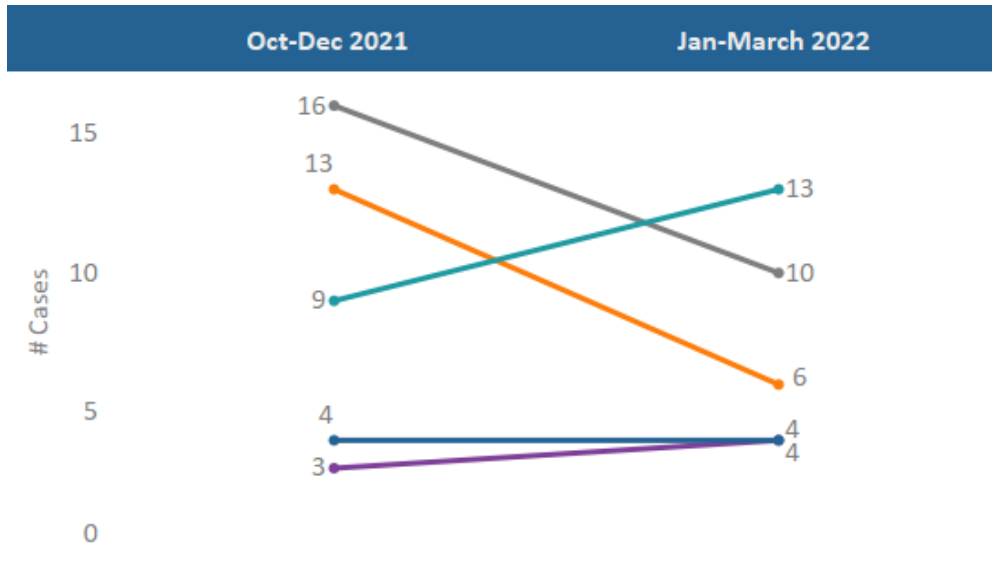
- During the report period, medical and mental health acute inpatient days per 1,000 were above the Milliman benchmarks
 - **Medical: 28** cases utilized **10 or more** days during the report period
 - **Mental Health: 2** cases utilized **23 or more** days during the report period

Average Length of Stay

- During the report period, medical, obstetrics, and surgical ALOS were above the Milliman benchmark
 - **Medical: 84 of the 278** cases were above the benchmark during the report period
 - **Obstetrics: 5 of the 7** cases were above the benchmark during the report period
 - **Surgical: 36 of the 114** cases were above the benchmark during the report period

Due to federal mandate regulations, not all Obstetrics cases require pre-certification; therefore, Obstetrics ALOS should be interpreted with caution.

Non-Acute Inpatient Activity Summary



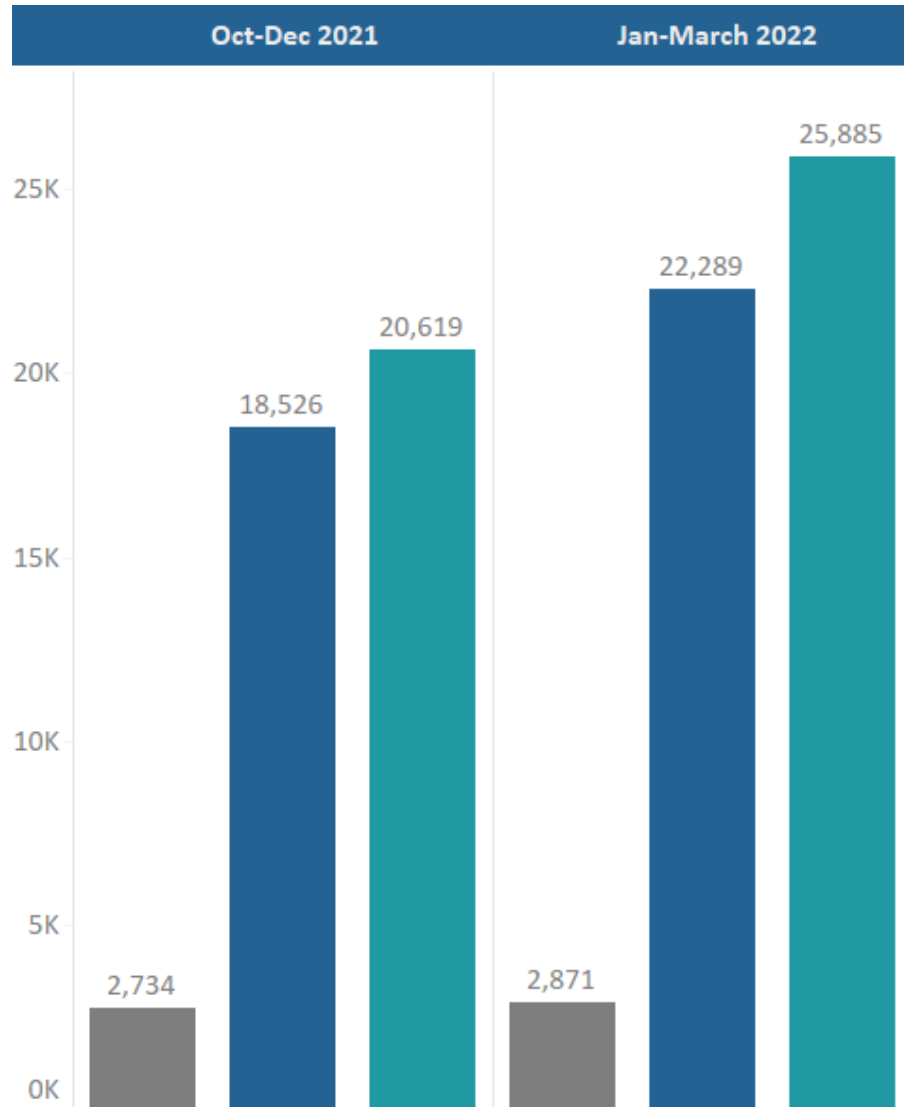
- Long Term Acute
- Medical Rehab
- Residential Mental Health
- Residential Substance Abuse
- Skilled Nsg Facility

Utilization Review Process

Days Saved: 22
 Estimated Savings: \$34,390

	Cases	Actual Days	Requested Days	Approved Days	Saved Days	Estimated Savings
Medical Rehab	13	203	203	194	9	\$24,102
Residential Substance Abuse	10	226	228	225	3	\$3,024
Skilled Nsg Facility	6	103	105	104	1	\$667
Long Term Acute	4	168	168	168	0	\$0
Residential Mental Health	4	200	204	195	9	\$6,597
Grand Total	37	900	908	886	22	\$34,390

Outpatient Activity Summary



Outpatient Setting	# Cases	# Units Requested	# Units Approved	# Units Saved	Outpatient Savings
Diagnostic Test	1,711	2,140	1,901	239	\$317,345
Surgery	678	1,145	1,112	33	\$71,729
Med Treatment	198	4,662	4,331	331	\$1,400,242
DME	166	13,107	10,396	2,711	\$32,084
Home Health	60	829	740	89	\$18,465
Home Infusion	27	737	677	60	\$0
MH/SA	21	379	378	1	\$71
PT/OT/ST	8	266	194	72	\$8,576
Home Private Duty	2	2,620	2,560	60	\$28,735
Grand Total	2,871	25,885	22,289	3,596	\$1,877,246

2 cases accounted for 62.2% of the Med Treatment savings

- # Cases
- # Units Approved
- # Units Requested

Utilization Review Process

Units Saved: 3,596
 Estimated Savings: \$1,877,246

Case Management Referrals from Utilization Management

A critical function of Utilization Management is to identify members who are in need of more extensive Case Management services. One procedure that fulfills this function is the trigger of Utilization Management cases that meet specific requirements to Case Management.



Inpatient Referrals

# Cases	# Cases Referred to CM	% Cases Referred to CM	# Referrals Accepted in CM	% Referrals Accepted in CM
495	327	66.1%	222	67.9%

Outpatient Referrals

# Cases	# Cases Referred to CM	% Cases Referred to CM	# Referrals Accepted in CM	% Referrals Accepted in CM
2,871	620	21.6%	11	1.8%

Case Management

Case Management Summary

The following tables illustrate overall case activity and total savings achieved for the report period

Total Case Management Savings

\$2,409,052

Average Savings per Case = \$7,771

Based on 310 cases in an open state
between 1/1/2022 – 3/31/2022

Number of Cases

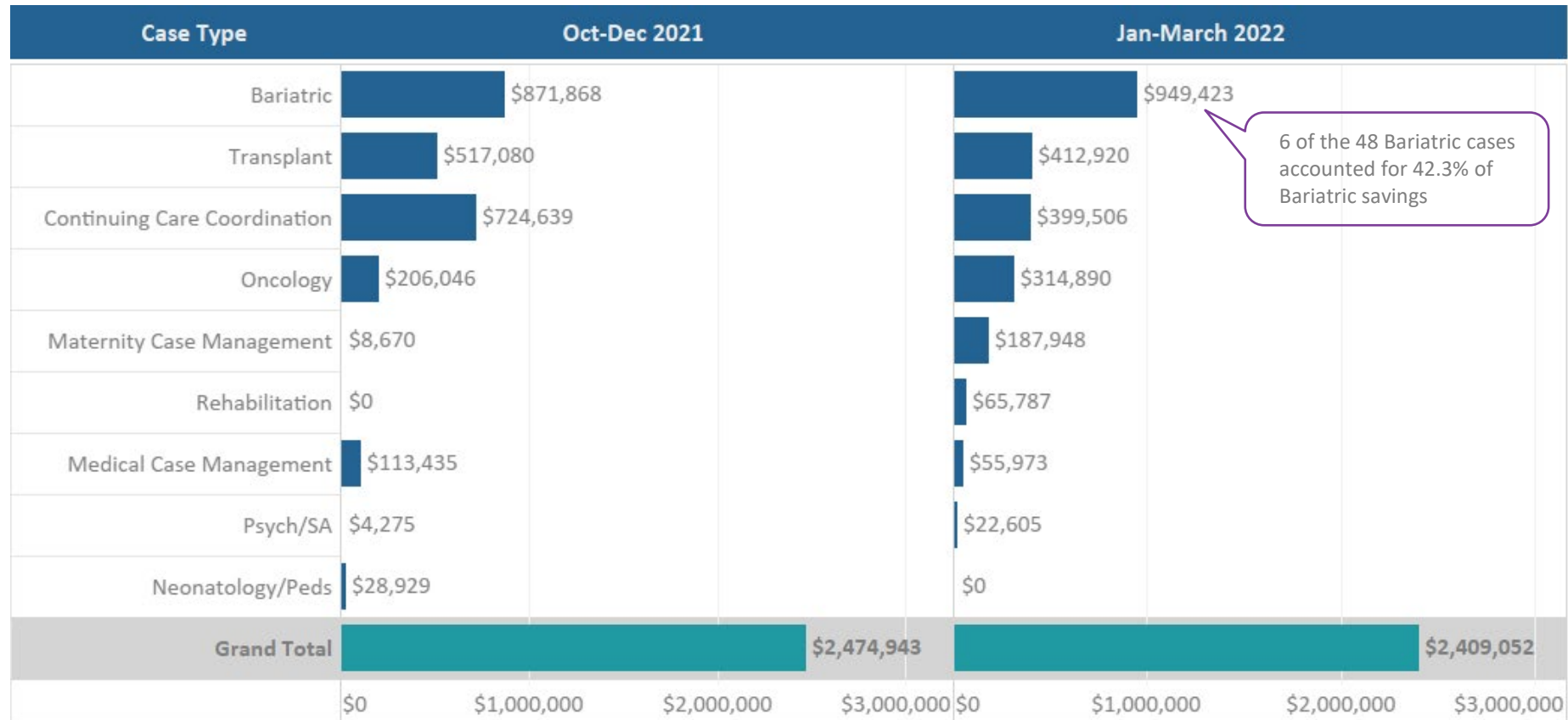
Case Activity	Oct-Dec 2021	Jan-March 2022
# Beginning Cases	189	176
# Opened Cases	167	134
# Closed Cases	180	124
# Ending Cases	176	186



Case Type

Continuing Care Coordination	94
Oncology	51
Bariatric	48
Short Term CM	30
Advocacy	28
Psych/SA	19
Medical Case Management	17
Transplant	11
Neonatology/Peds	5
Maternity Case Management	4
Rehabilitation	2
Research and Review	1
Grand Total	310

Case Management – Savings by Case Type



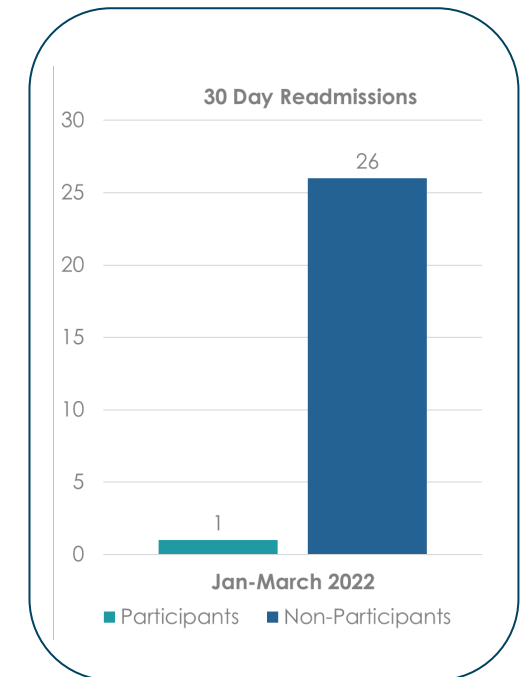
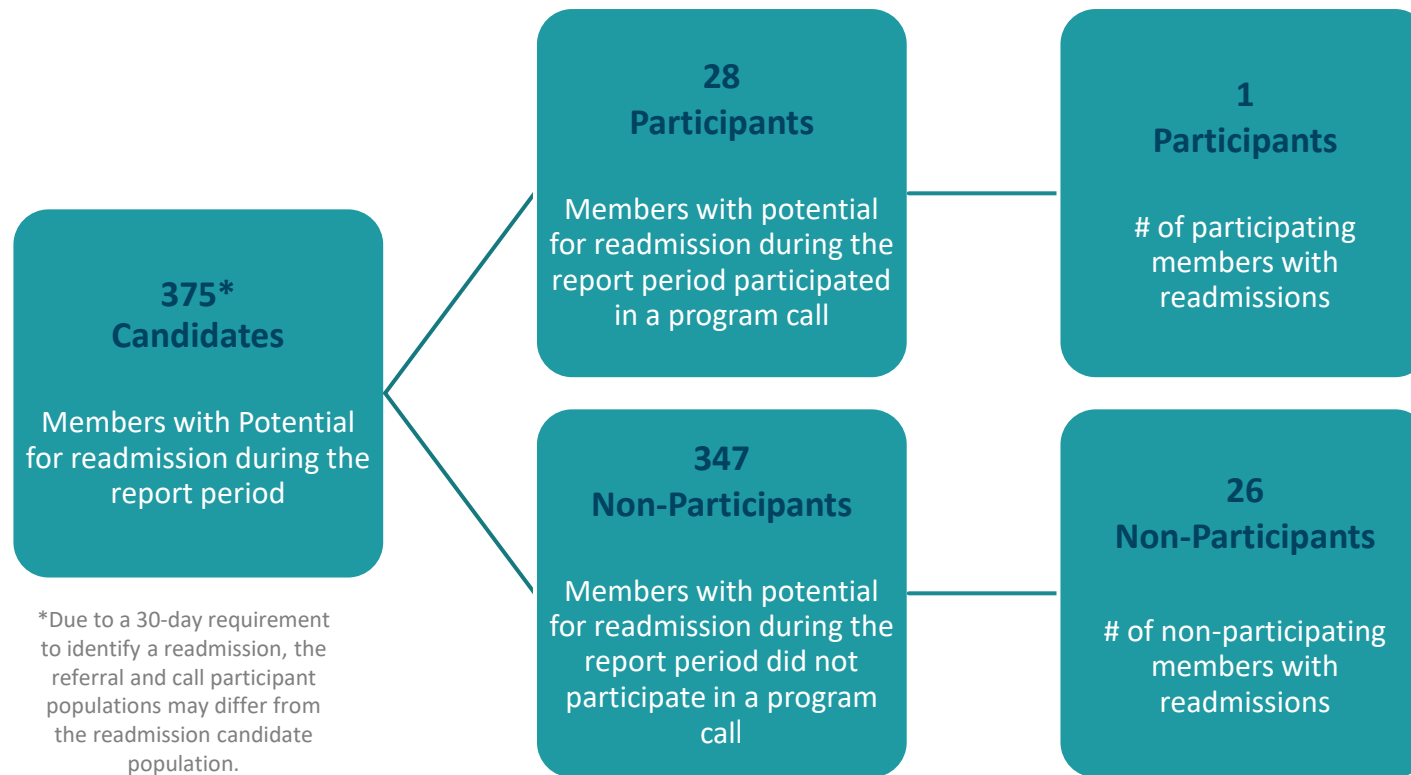
Case Management – Savings by Source

Savings Type		Case Type		Oct-Dec 2021		Jan-March 2022			
Managed	Averted Inpatient Admission	\$912,719		\$1,248,824					
	Steerage to Transplant Network	\$788,080		\$561,267					
	Services Not Medically Necessary	\$459,778		\$266,907					
	Averted Medical Complications	\$220,254		\$208,979					
	Days Saved via Intervention	\$0		\$70,087					
	Averted Usage of Services	\$79,340		\$33,858					
	Transition to Alternate Level of Care	\$0		\$6,275					
	Steerage to Network Providers	\$14,771		\$6,105					
Negotiated	Residential Treatment	\$0		\$6,750					
Grand Total			\$2,474,943		\$2,409,052				
		\$0	\$1,000,000	\$2,000,000	\$3,000,000	\$0	\$1,000,000	\$2,000,000	\$3,000,000

Post-Discharge Counseling

Post-Discharge Counseling Summary

The diagram below illustrates the total number of candidates for readmission within the reporting period identified for Post-Discharge Counseling, regardless of whether the member participated in a counseling call and whether the member experienced readmission within 30 days after discharge.



Due to the small number of participants, any conclusions regarding outcomes must be interpreted with caution.

Post-Discharge Counseling – Case Closure Reason

Post-Discharge Counseling cases are closed for a variety of reasons and a case may have more than one closure reason. The following graph presents the number of closed cases by closure reason during the report period.

