

Public Employees Benefit Program – State of Nevada

Medical Management Review

October 1, 2021 – December 31, 2021

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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 **January 31, 2021** and covers the reporting period of **October 1, 2021 – December 31, 2021**; 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

July 1, 2021 - September 30, 2021			
	Fees	Estimated Savings	ROI
Utilization Management	\$188,253	\$2,793,444	14.8 to 1
Case Management	\$281,575	\$1,926,684	6.8 to 1
Total	\$469,828	\$4,720,128	10.0 to 1

Utilization Management Breakout	
Inpatient Savings	\$1,410,226
Outpatient Savings	\$1,383,218

October 1, 2021 - December 31, 2021			
	Fees	Estimated Savings	ROI
Utilization Management	\$187,628	\$3,229,261	17.2 to 1
Case Management	\$282,531	\$2,356,421	8.3 to 1
Total	\$470,159	\$5,585,682	11.9 to 1

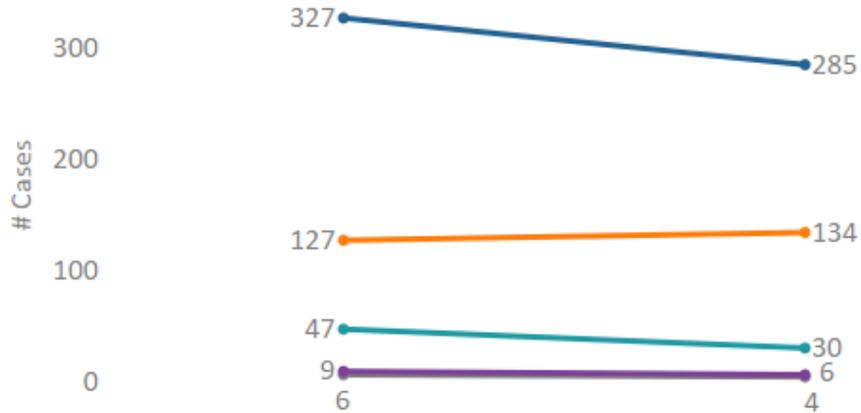
Utilization Management Breakout	
Inpatient Savings	\$2,282,313
Outpatient Savings	\$946,948

Utilization Management

Acute Inpatient Activity Summary

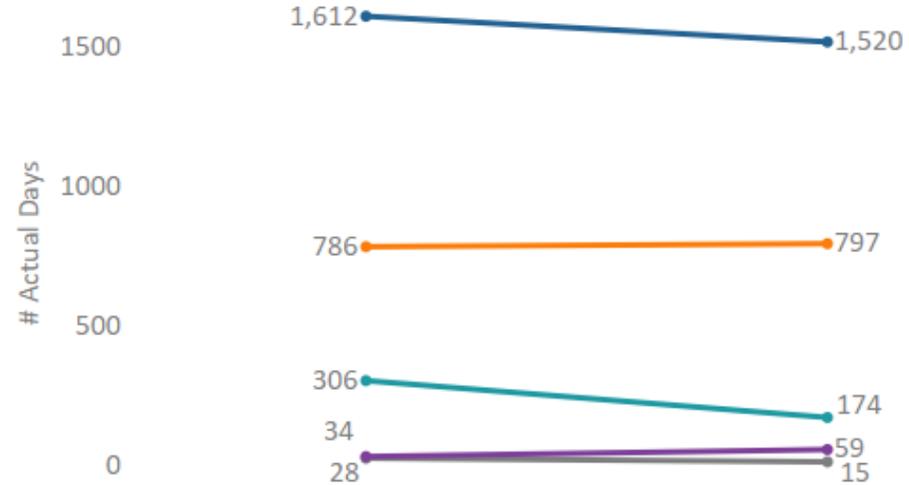
July-Sept 2021

Oct-Dec 2021



July-Sept 2021

Oct-Dec 2021



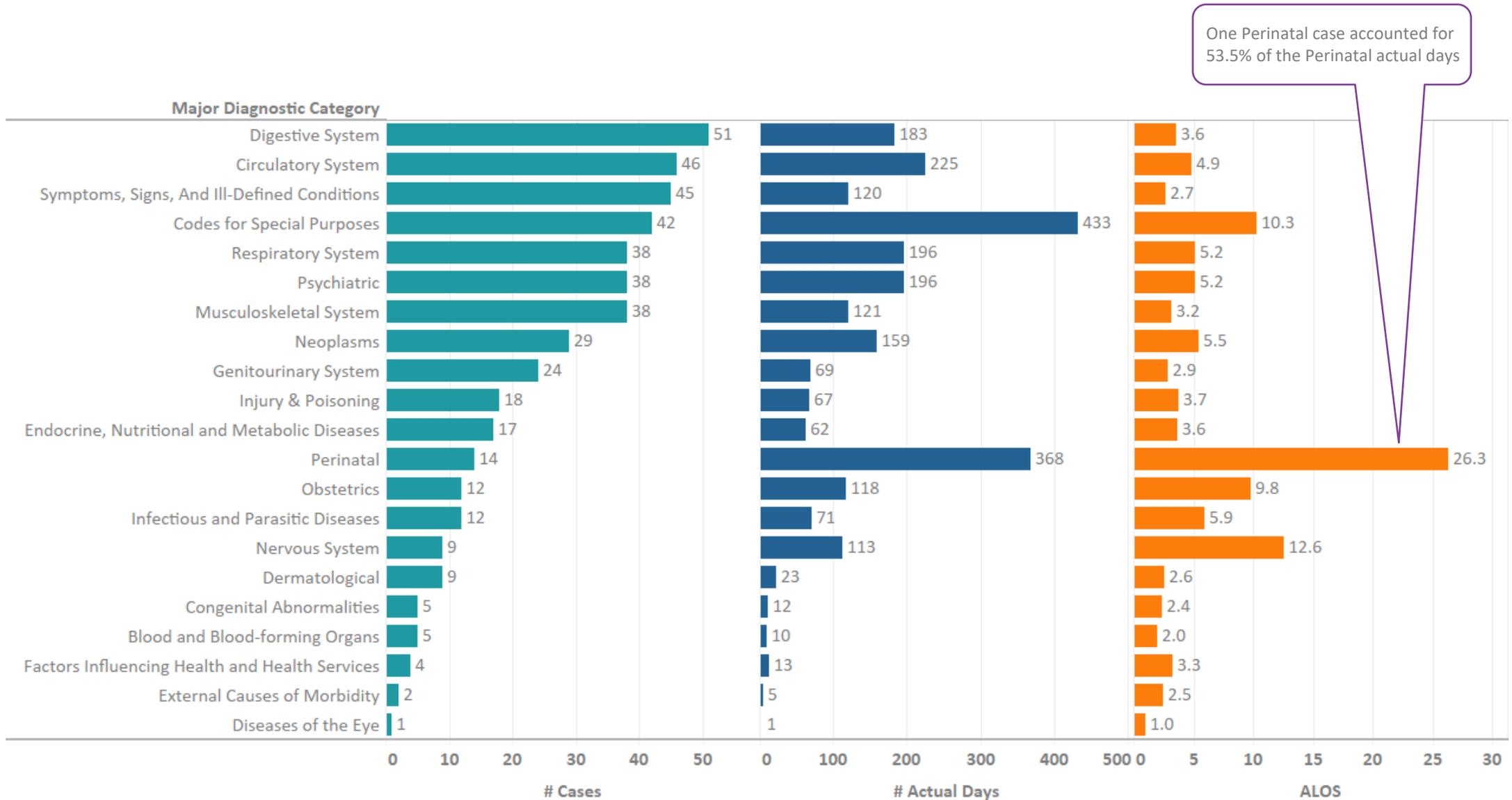
One Surgical case accounted for 49.1% of the Surgical savings

Utilization Review Process

Days Saved: 218
Estimated Savings: \$2,237,729

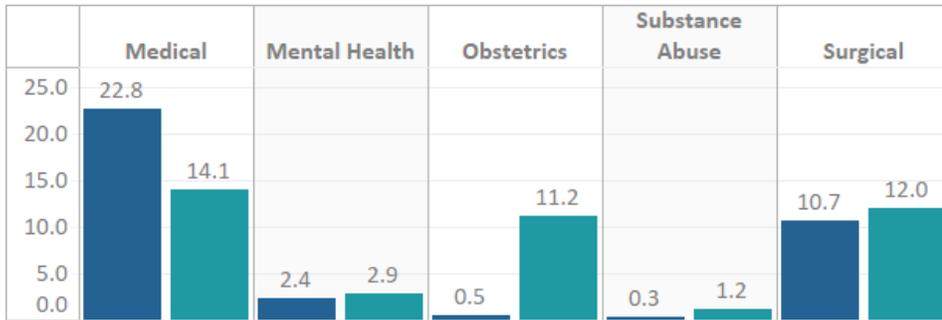
October 1, 2021 - December 31, 2021						
	Cases	Actual Days	Requested Days	Approved Days	Saved Days	Estimated Savings
Medical	285	1,520	1,535	1,433	102	\$672,588
Surgical	134	797	803	695	108	\$1,548,396
Mental Health	30	174	176	169	7	\$11,095
Obstetrics	6	59	59	58	1	\$5,650
Substance Abuse	4	15	15	15	0	\$0
Grand Total	459	2,565	2,588	2,370	218	\$2,237,729

Acute Inpatient – Case and Actual Days by Diagnostic Categories

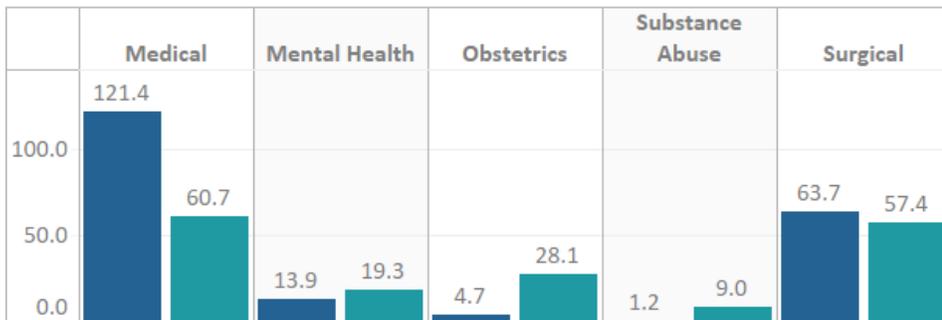


Acute Inpatient Activity – Utilization Benchmarks

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
 - **30** medical members had **2 or more** inpatient admissions

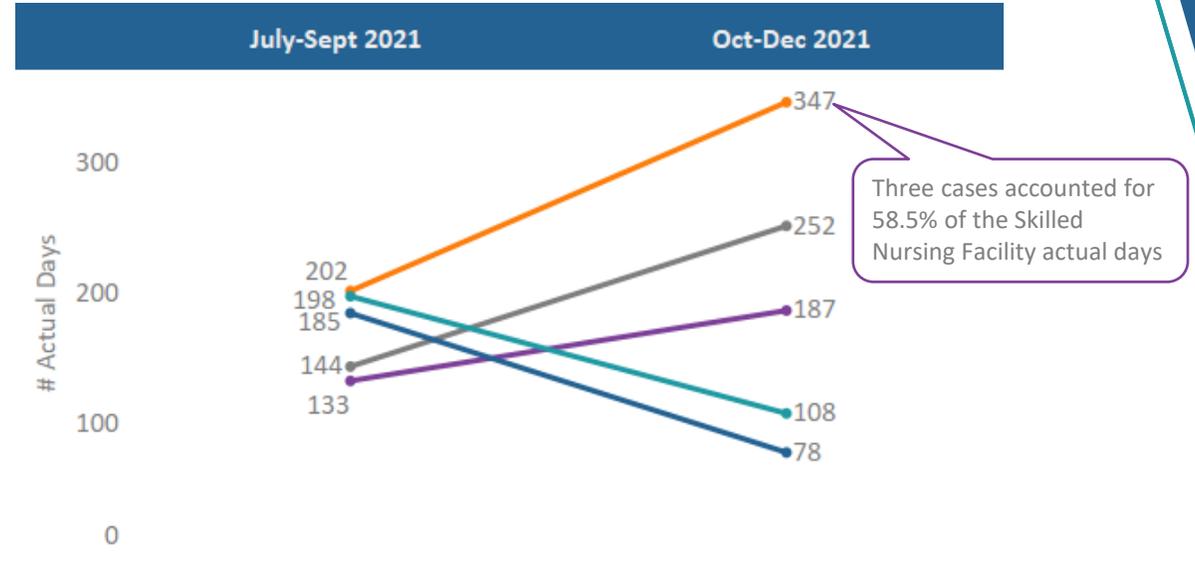
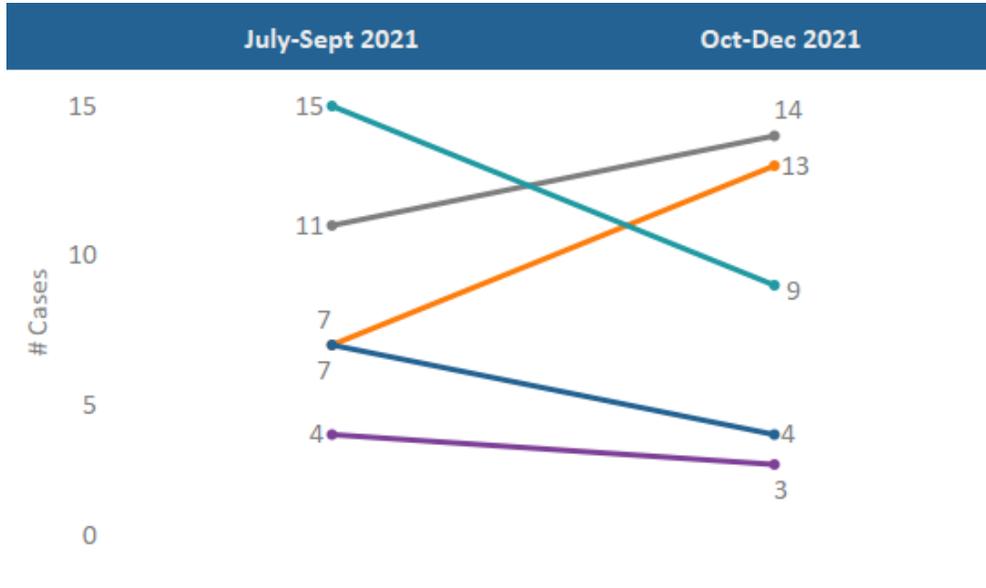
Days per 1,000

- During the report period, medical and mental health acute inpatient days per 1,000 were above the Milliman benchmarks
 - **38** medical cases utilized **10 or more** days during the report period
 - **1** surgical case utilized **197** days during the report period

Average Length of Stay

- During the report period, medical, obstetrics, and surgical ALOS were above the Milliman benchmark
 - **95 of the 285** medical cases were above the benchmark during the report period
 - **All 6** obstetrics cases were above the benchmark during the report period
 - **36 of the 134** surgical cases were above the benchmark during the report period

Non-Acute Inpatient Activity Summary



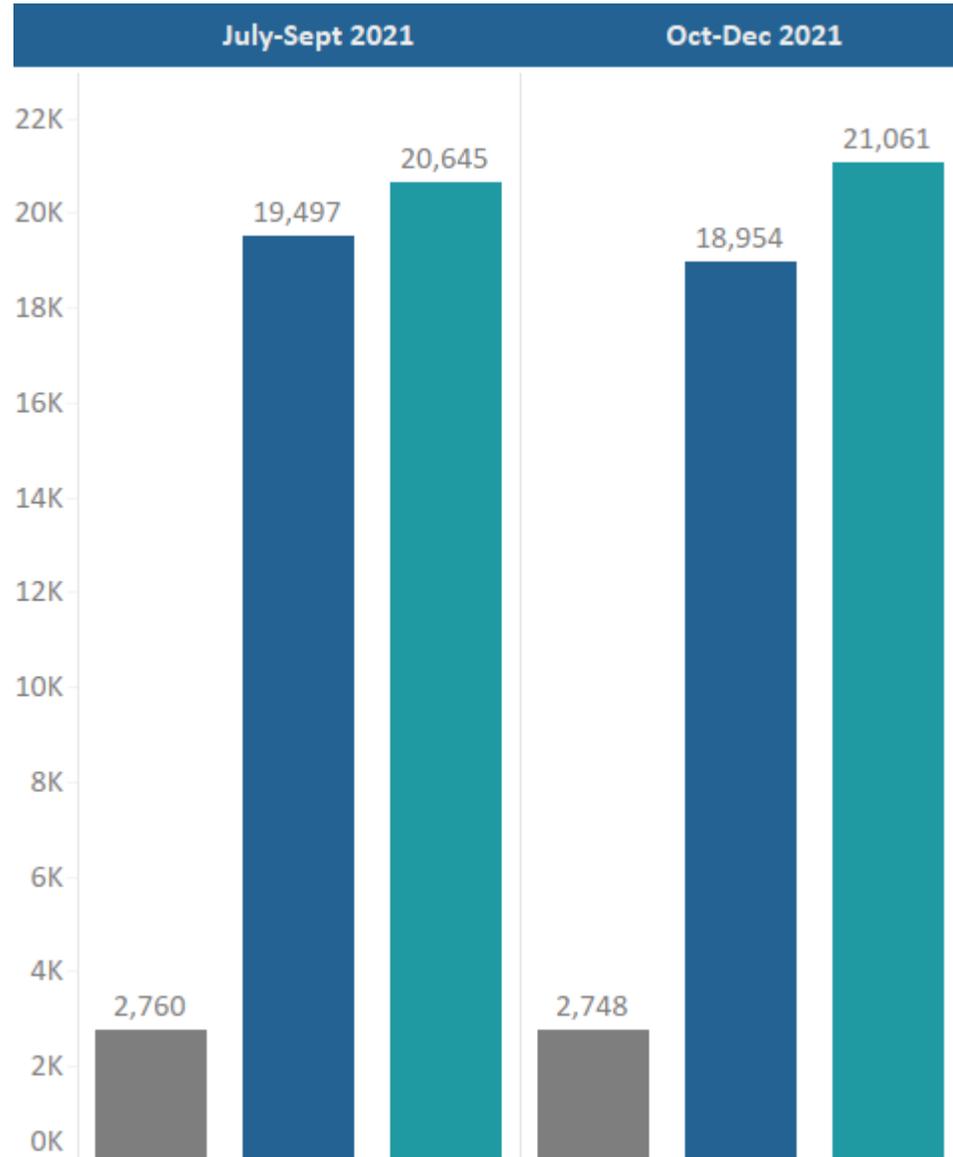
- Long Term Acute
- Medical Rehab
- Residential Mental Health
- Residential Substance Abuse
- Skilled Nsg Facility

Utilization Review Process

Days Saved: 25
Estimated Savings: \$44,584

October 1, 2021 - December 31, 2021						
	Cases	Actual Days	Requested Days	Approved Days	Saved Days	Estimated Savings
Residential Substance Abuse	14	252	255	252	3	\$3,024
Skilled Nsg Facility	13	347	347	338	9	\$6,003
Medical Rehab	9	108	113	103	10	\$26,780
Long Term Acute	4	78	79	77	2	\$8,044
Residential Mental Health	3	187	187	186	1	\$733
Grand Total	43	972	981	956	25	\$44,584

Outpatient Activity Summary



October 1, 2021 - December 31, 2021					
Outpatient Setting	# Cases	# Units Requested	# Units Approved	# Units Saved	Outpatient Savings
Diagnostic Test	1,651	2,098	1,861	237	\$337,583
Surgery	593	986	966	20	\$33,095
Med Treatment	214	5,803	5,411	392	\$517,633
DME	172	8,754	7,412	1,342	\$17,980
Home Health	55	567	508	59	\$11,053
MH/SA	34	561	508	53	\$29,603
Home Infusion	20	605	601	4	\$0
PT/OT/ST	4	100	100	0	\$0
Home Private Duty	2	1,400	1,400	0	\$0
Hospice Home	1	90	90	0	\$0
Home Enteral Feeding	1	95	95	0	\$0
23 Hour Observation	1	2	2	0	\$0
Grand Total	2,748	21,061	18,954	2,107	\$946,948

2 cases accounted for 39.1% of the Med Treatment savings

- # Cases
- # Units Approved
- # Units Requested

Utilization Review Process

Units Saved: 2,107
 Estimated Savings: \$946,948

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
Oct-Dec 2021	502	315	62.7%	222	70.5%

Outpatient Referrals

	# Cases	# Cases Referred to CM	% Cases Referred to CM	# Referrals Accepted in CM	% Referrals Accepted in CM
Oct-Dec 2021	2,748	621	22.6%	22	3.5%

Case Management

Case Management Summary

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

Total Case Management Savings

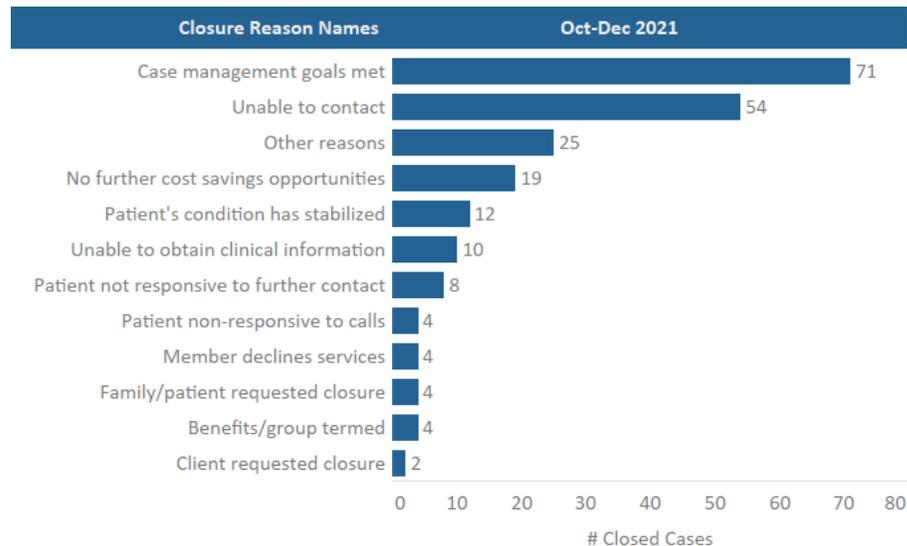
\$2,356,421

Average Savings per Case = \$6,619

Based on 356 cases in an open state between 10/1/2021 – 12/31/2021

Number of Cases

Case Activity	July-Sept 2021	Oct-Dec 2021
# Beginning Cases	193	189
# Opened Cases	247	167
# Closed Cases	251	181
# Ending Cases	189	175



Case Type	Oct-Dec 2021
Continuing Care Coordination	88
Short Term CM	57
Oncology	53
Bariatric	53
Advocacy	49
Medical Case Management	17
Psych/SA	12
Transplant	11
Neonatology/Peds	10
Research and Review	3
Maternity Case Management	2
Rehabilitation	1
Grand Total	356

Case Management – Savings by Case Type

Case Type	July-Sept 2021		Oct-Dec 2021	
Bariatric	\$980,278		\$996,128	
Continuing Care Coordination	\$405,935		\$493,865	
Transplant	\$148,308		\$488,560	
Oncology	\$247,415		\$222,558	
Medical Case Management	\$105,924		\$112,985	
Neonatology/Peds	\$4,335		\$28,929	
Maternity Case Management	\$0		\$8,670	
Psych/SA	\$34,488		\$4,275	
Research and Review	\$0		\$450	
Grand Total		\$1,926,684		\$2,356,421

9 of the 53 Bariatric cases accounted for 51.3% of Bariatric savings

1 of the 11 Transplant cases accounted for 64.7% of Transplant savings

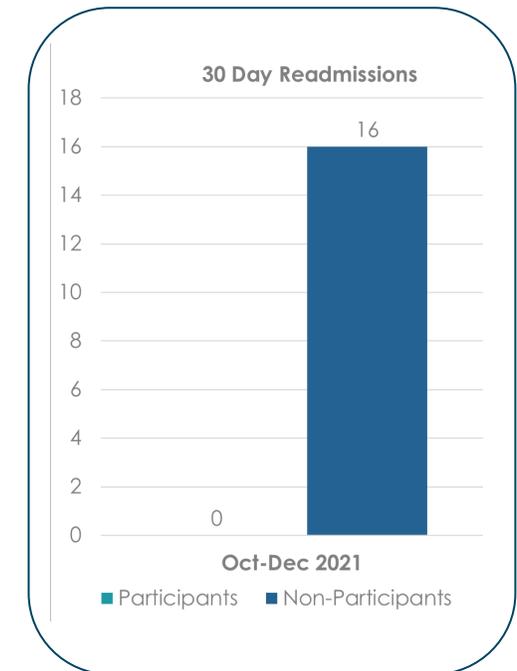
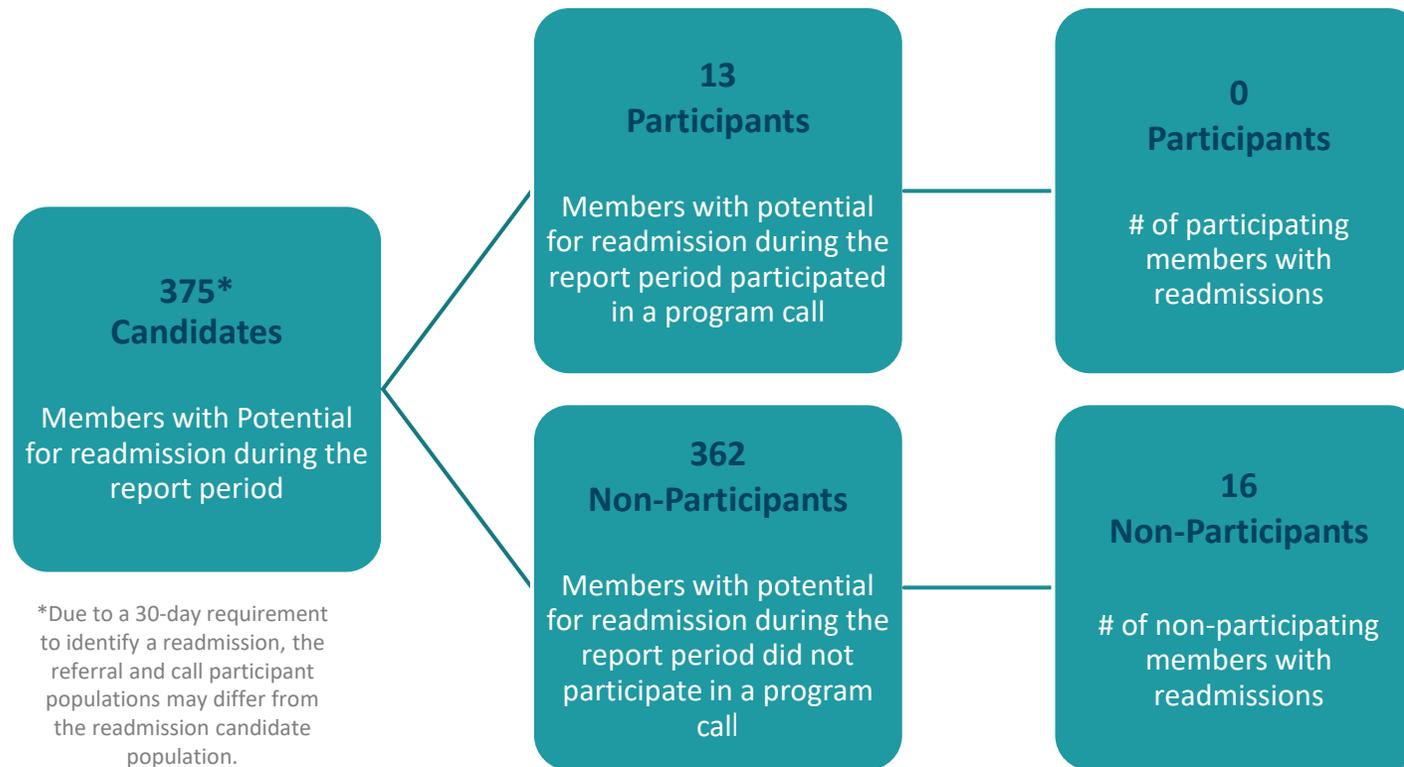
Case Management – Savings by Source

Savings Type	Case Type	July-Sept 2021		Oct-Dec 2021	
Managed	Averted Inpatient Admission	\$986,266		\$1,036,979	
	Steerage to Transplant Network	\$123,400		\$642,600	
	Services Not Medically Necessary	\$194,284		\$366,674	
	Averted Medical Complications	\$113,445		\$216,056	
	Averted Usage of Services	\$131,593		\$79,340	
	Steerage to Network Providers	\$355,824		\$14,771	
	Days Saved via Intervention	\$1,162		\$0	
	Recommended Benefit Exceptions	\$20,710		\$0	
Grand Total		\$1,926,684		\$2,356,421	

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.

