

Public Employees Benefit Program – State of Nevada

Medical Management Review
July 1, 2021 – September 30, 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 **October 31, 2021** and covers the reporting period of **July 1, 2021 – September 30, 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

April 1, 2021 - June 30, 2021			
	Fees	Estimated Savings	ROI
Utilization Management	\$193,047	\$3,063,509	15.9 to 1
Case Management	\$288,747	\$1,553,012	5.4 to 1
Total	\$481,794	\$4,616,521	9.6 to 1

Utilization Management Breakout	
Inpatient Savings	\$1,187,709
Outpatient Savings	\$1,875,800

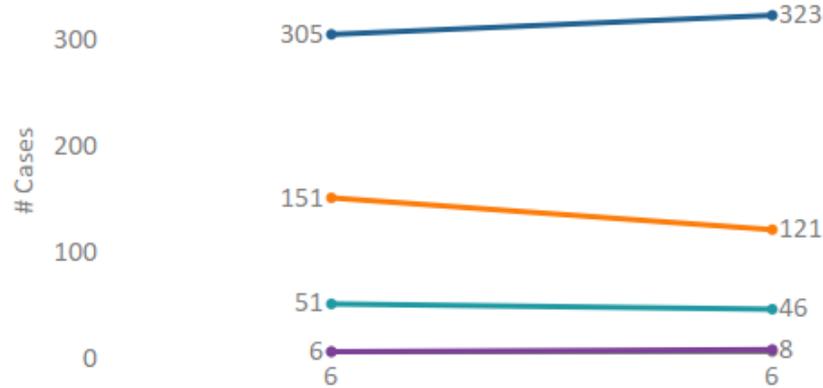
July 1, 2021 - September 30, 2021			
	Fees	Estimated Savings	ROI
Utilization Management	\$188,253	\$2,882,634	15.3 to 1
Case Management	\$281,575	\$1,978,459	7.0 to 1
Total	\$469,828	\$4,861,093	10.3 to 1

Utilization Management Breakout	
Inpatient Savings	\$1,491,664
Outpatient Savings	\$1,390,970

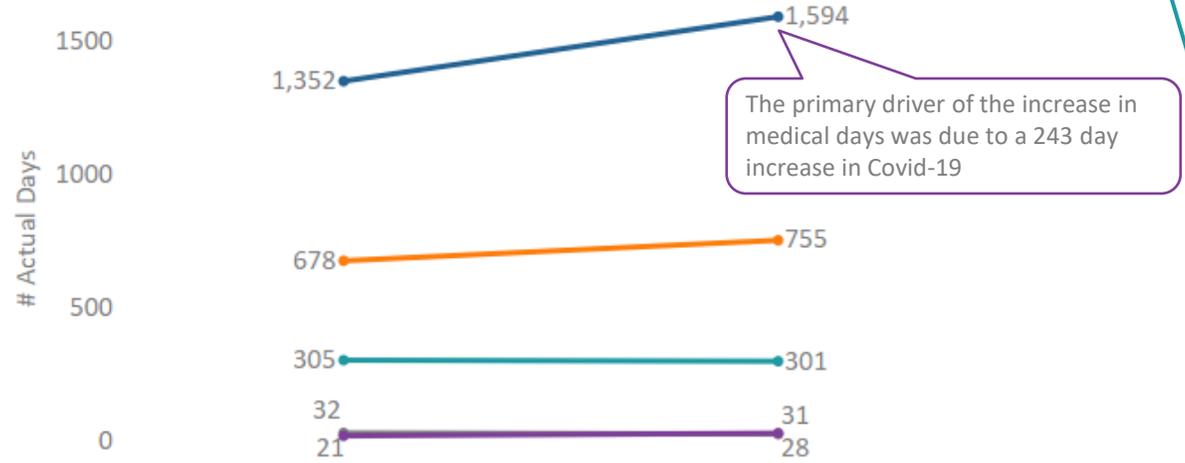
Utilization Management

Acute Inpatient Activity Summary

Apr-June 2021 July-Sept 2021



Apr-June 2021 July-Sept 2021



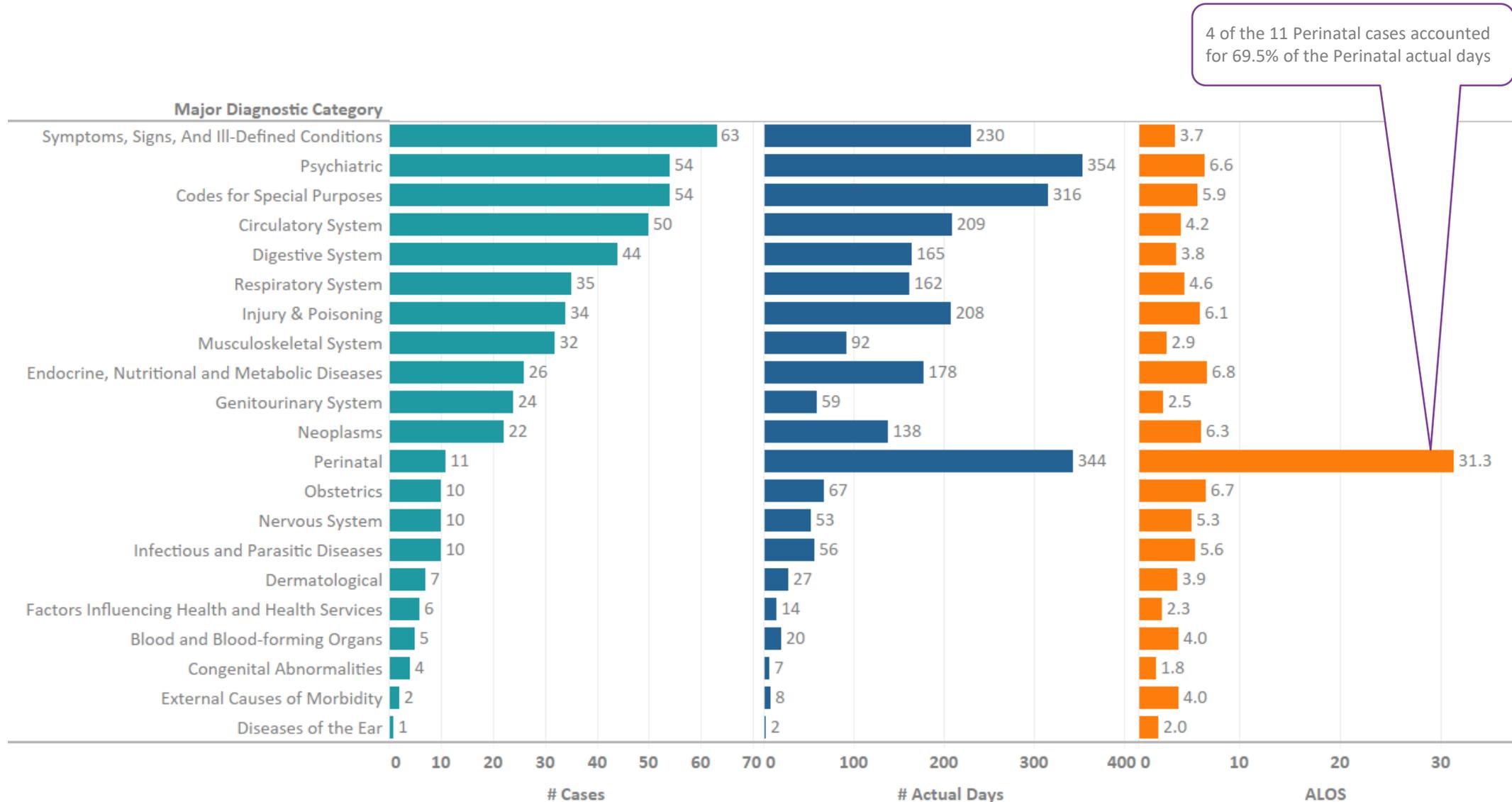
- Medical
- Mental Health
- Obstetrics
- Substance Abuse
- Surgical

Utilization Review Process

Days Saved: 181
Estimated Savings: \$1,444,348

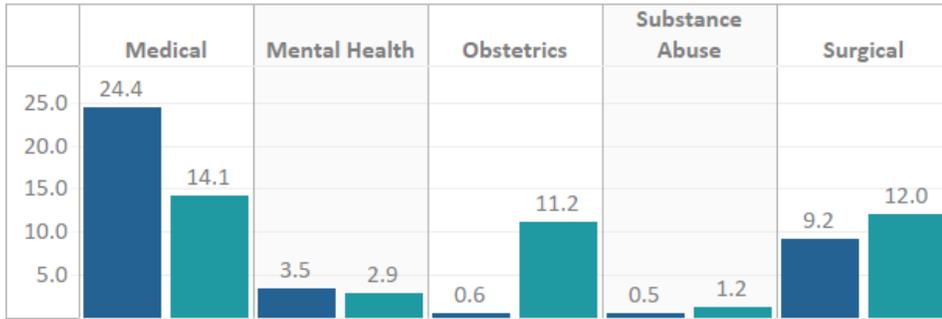
July 1, 2021 - September 30, 2021						
	Cases	Actual Days	Requested Days	Approved Days	Saved Days	Estimated Savings
Medical	323	1,594	1,617	1,499	118	\$778,092
Surgical	121	755	669	625	44	\$630,828
Mental Health	46	301	309	301	8	\$12,680
Obstetrics	8	31	31	29	2	\$11,300
Substance Abuse	6	28	28	19	9	\$11,448
Grand Total	504	2,709	2,654	2,473	181	\$1,444,348

Acute Inpatient – Case and Actual Days by Diagnostic Categories

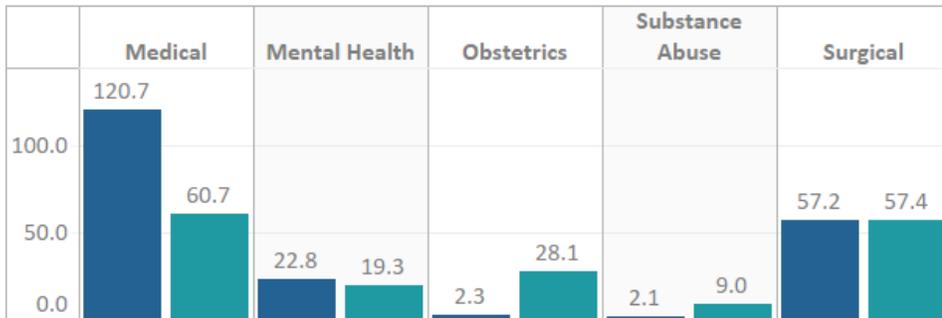


Acute Inpatient Activity – Utilization Benchmarks

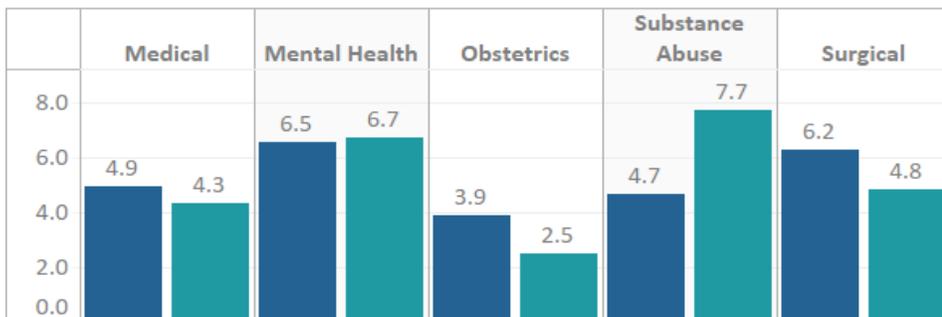
Admissions per 1,000



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
 - **29** medical members had **2 or more** inpatient admissions
 - **1** mental health member had **7** inpatient admissions

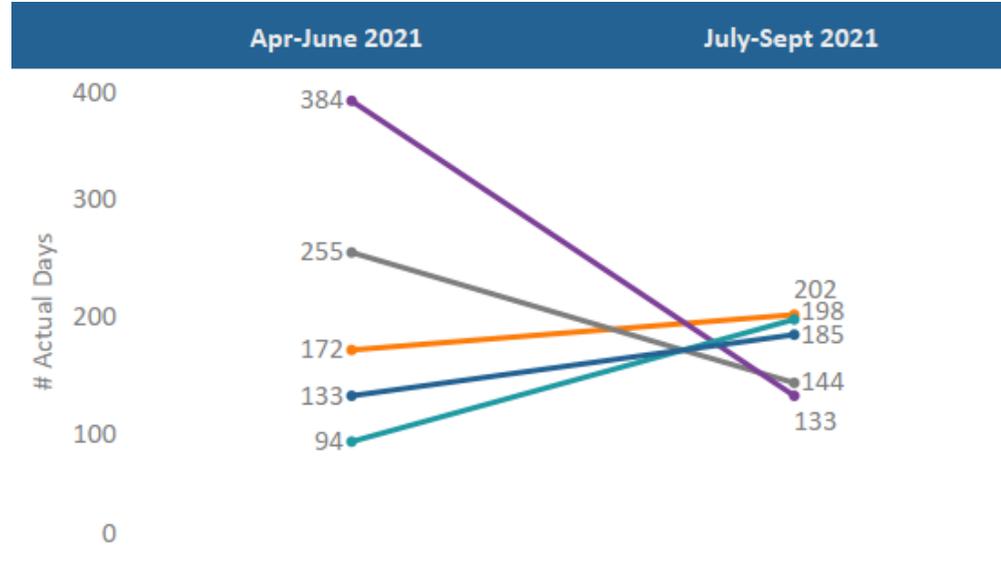
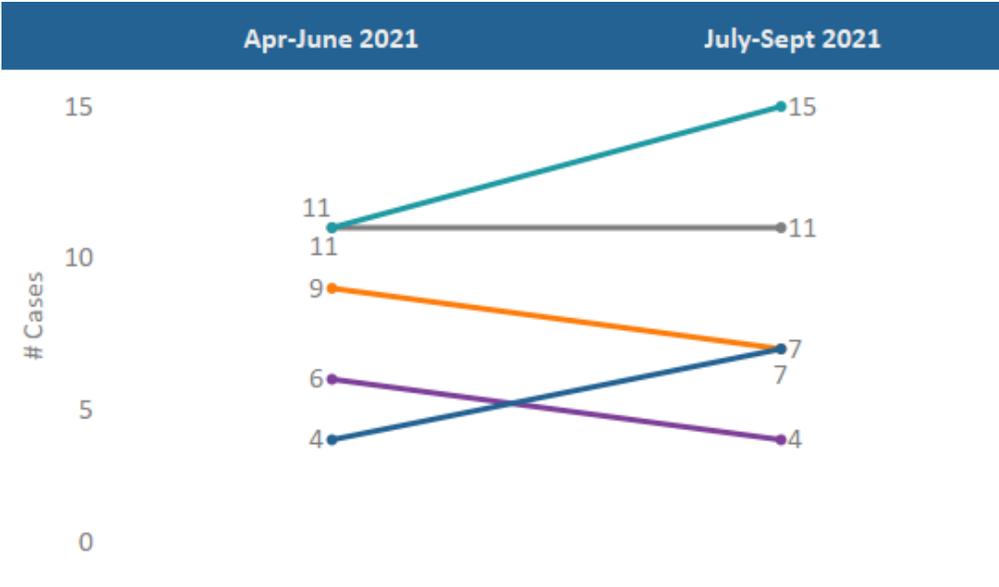
Days per 1,000

- During the report period, medical and mental health acute inpatient days per 1,000 were above the Milliman benchmarks
 - **44** medical cases utilized **9 or more** days during the report period
 - **1** mental health case utilized **23** days during the report period

Average Length of Stay

- During the report period, medical, obstetrics, and surgical ALOS were above the Milliman benchmark
 - **105 of the 323** medical cases were above the benchmark during the report period
 - **6 of the 8** obstetrics cases were above the benchmark during the report period
 - **34 of the 121** surgical cases were above the benchmark during the report period

Non-Acute Inpatient Activity Summary



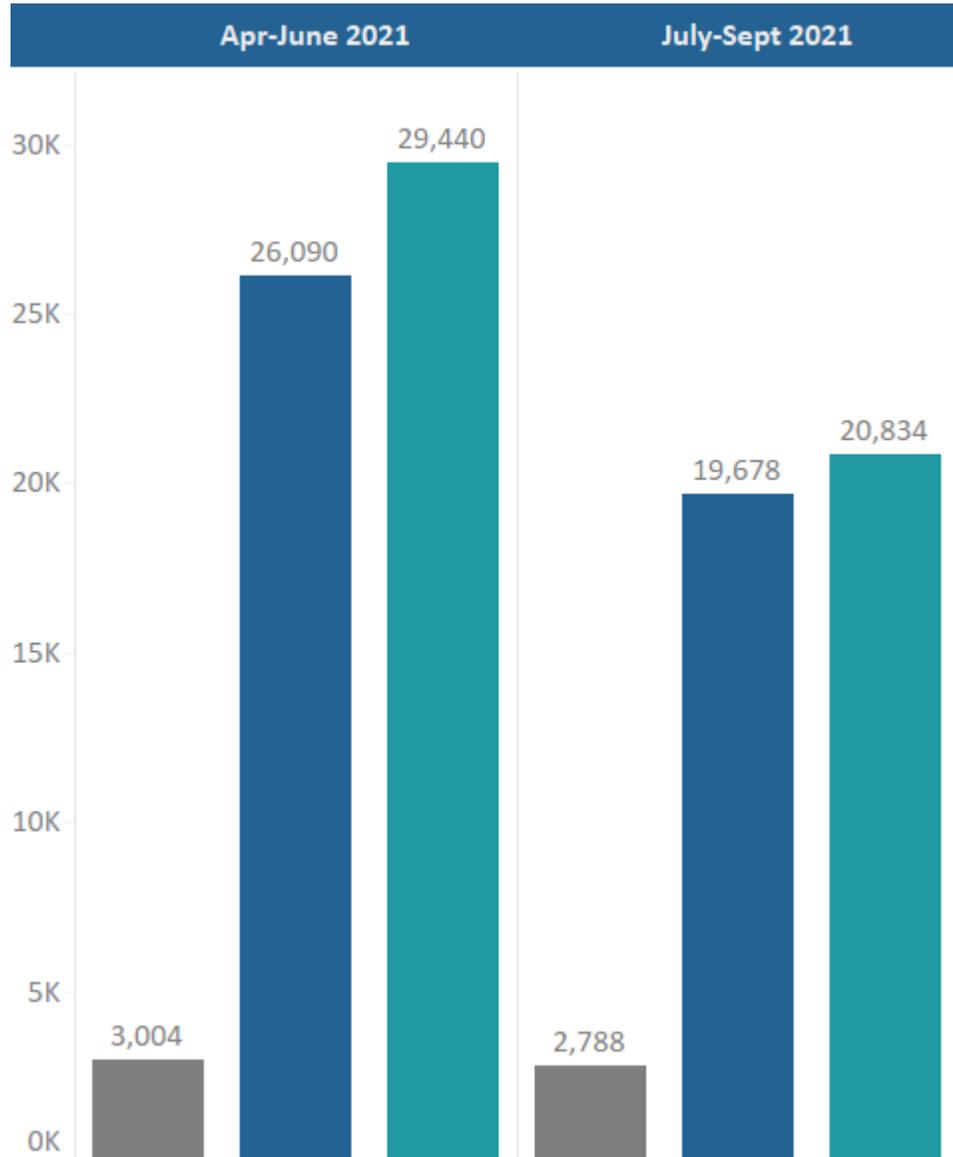
- Long Term Acute
- Medical Rehab
- Residential Mental Health
- Residential Substance Abuse
- Skilled Nsg Facility

Utilization Review Process

Days Saved: 29
Estimated Savings: \$47,316

April 1, 2021 - June 30, 2021						
	Cases	Actual Days	Requested Days	Approved Days	Saved Days	Estimated Savings
Medical Rehab	15	198	198	198	0	\$0
Residential Substance Abuse	11	144	144	143	1	\$1,008
Skilled Nsg Facility	7	202	202	194	8	\$5,336
Long Term Acute	7	185	192	184	8	\$32,176
Residential Mental Health	4	133	133	121	12	\$8,796
Grand Total	44	862	869	840	29	\$47,316

Outpatient Activity Summary



July 1, 2021 - September 30, 2021					
Outpatient Setting	# Cases	# Units Requested	# Units Approved	# Units Saved	Outpatient Savings
Diagnostic Test	1,721	2,127	1,939	188	\$258,432
Surgery	600	1,059	995	64	\$74,542
Med Treatment	207	4,818	4,648	170	\$986,573
DME	146	7,360	6,783	577	\$27,198
Home Health	57	878	764	114	\$23,704
MH/SA	29	445	444	1	\$408
Home Infusion	20	1,983	1,983	0	\$0
PT/OT/ST	3	84	84	0	\$0
Home Private Duty	2	1,602	1,560	42	\$20,114
Home Enteral Feeding	2	456	456	0	\$0
Hospice Home	1	22	22	0	\$0
Grand Total	2,788	20,834	19,678	1,156	\$1,390,970

2 cases accounted for 59.4% of the Med Treatment savings

- # Cases
- # Units Approved
- # Units Requested

Utilization Review Process

Units Saved: 1,156
 Estimated Savings: \$1,390,970

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
July-Sept 2021	548	358	65.3%	251	70.1%

Outpatient Referrals					
	# Cases	# Cases Referred to CM	% Cases Referred to CM	# Referrals Accepted in CM	% Referrals Accepted in CM
July-Sept 2021	2,788	672	24.1%	22	3.3%

Case Management

Case Management Summary

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

Total Case Management Savings

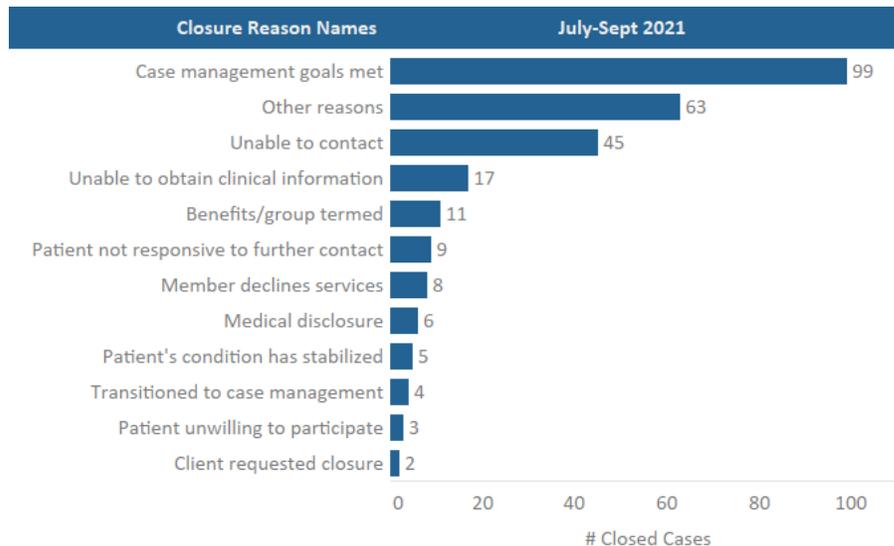
\$1,978,459

Average Savings per Case = \$4,517

Based on 438 cases in an open state between 7/1/2021 – 9/30/2021

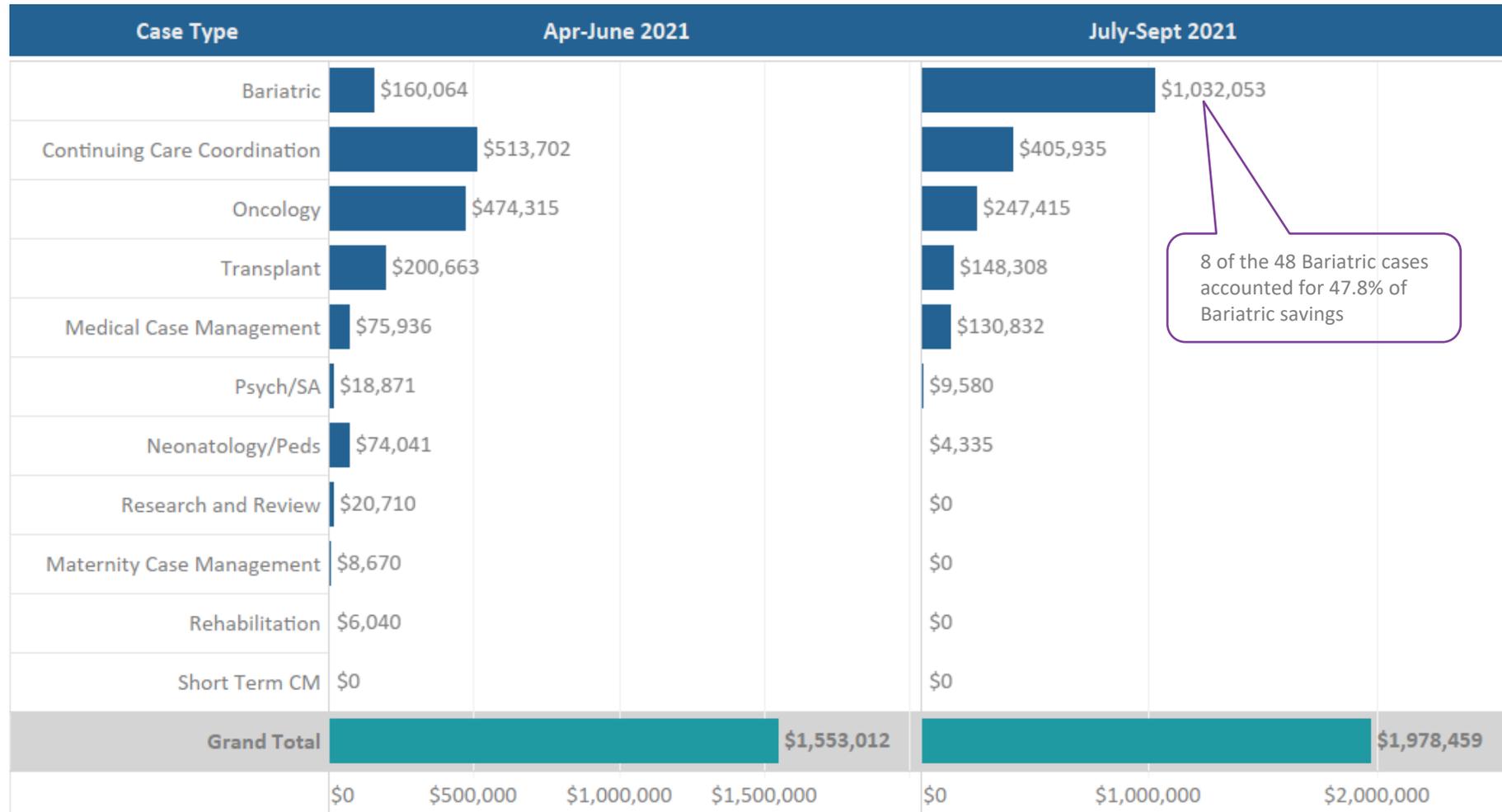
Number of Cases

Case Activity	Apr-June 2021	July-Sept 2021
# Beginning Cases	197	191
# Opened Cases	214	247
# Closed Cases	220	252
# Ending Cases	191	186

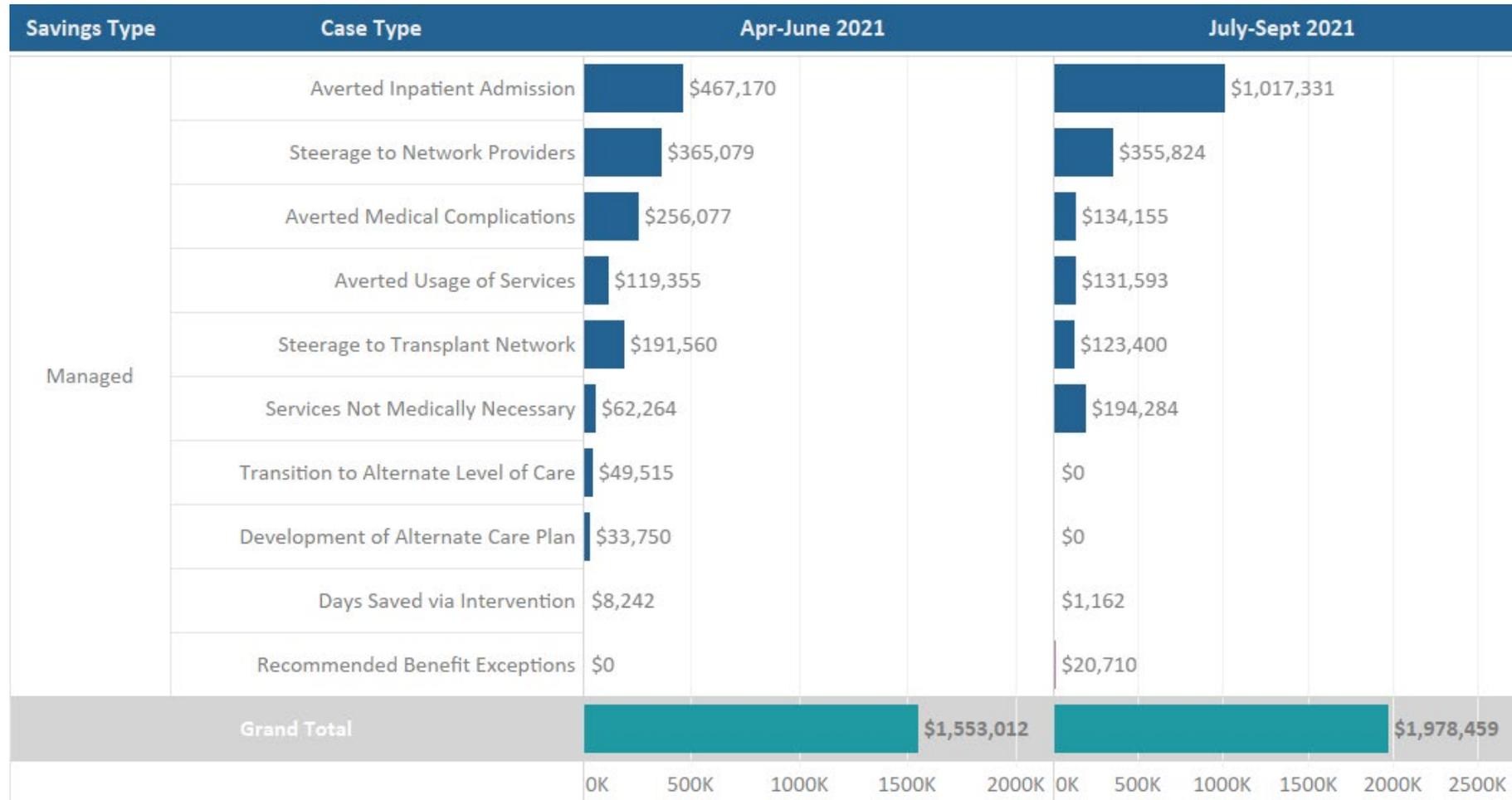


Case Type	July-Sept 2021
Short Term CM	152
Continuing Care Coordination	94
Oncology	53
Bariatric	48
Advocacy	39
Medical Case Management	19
Psych/SA	10
Neonatology/Peds	10
Transplant	8
Maternity Case Management	2
Rehabilitation	1
Research and Review	1
Grand Total	438

Case Management – Savings by Case Type



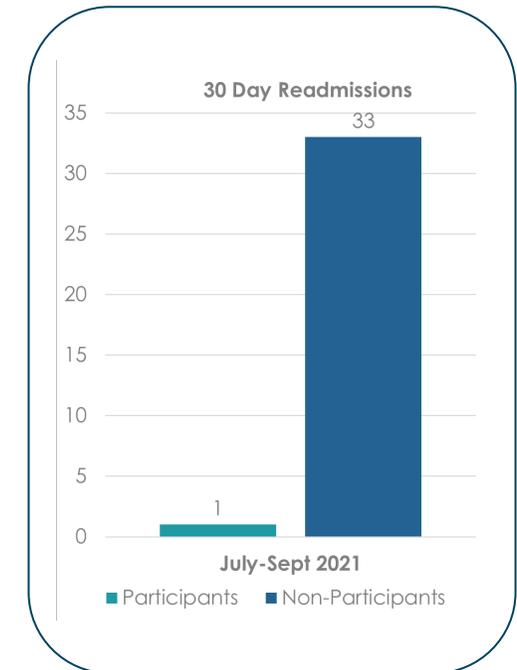
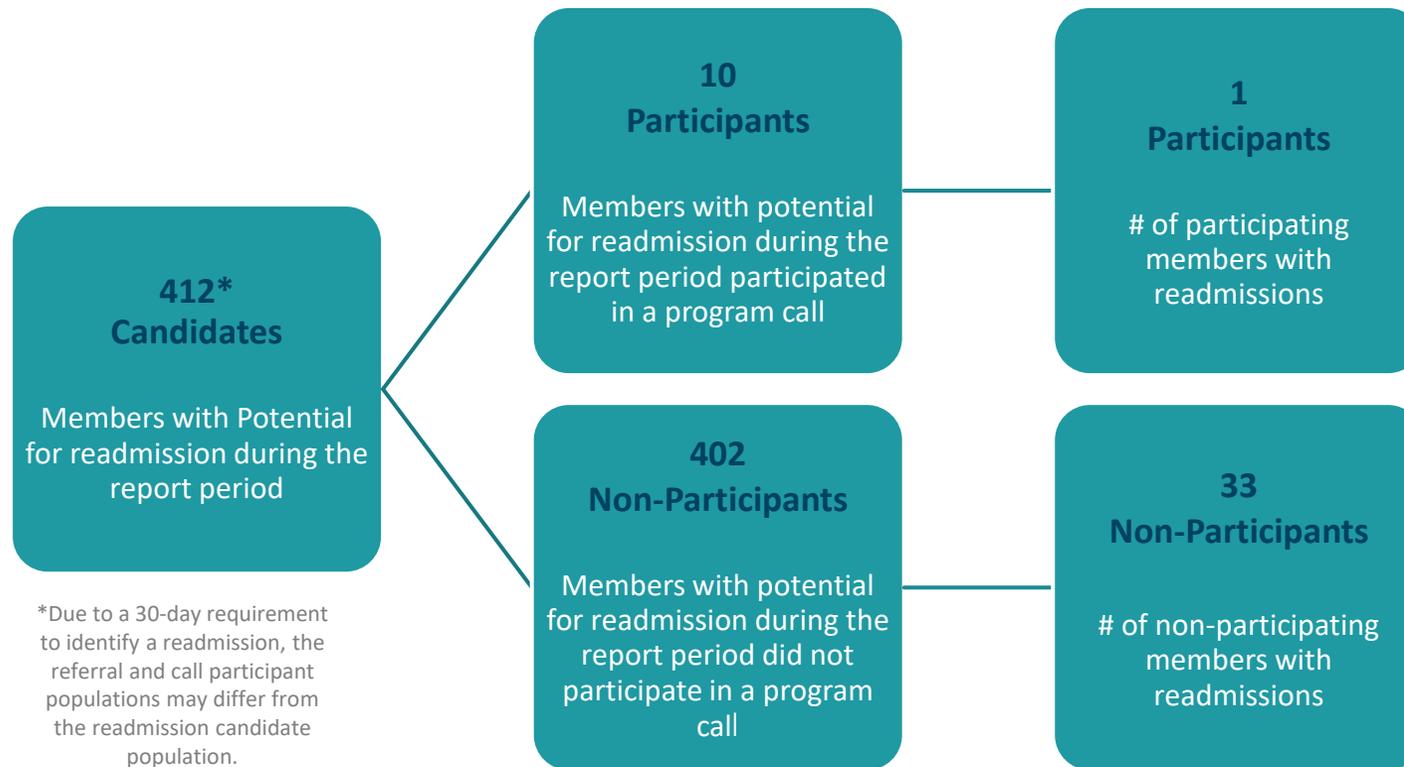
Case Management – Savings by Source



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.

