

Creating Dashboards to Support Participant Needs



Allowing Clients to Make Better Informed Choices

Caravan Health has created analytics reports and dashboards that allow clients to make data-driven decisions



Opportunity Analysis

Quantifies the potential opportunities for clients by reducing their current utilization to that of the ACO average



Performance Dashboard

Displays performance on key lagging metrics, leading metrics and process measures effecting population health



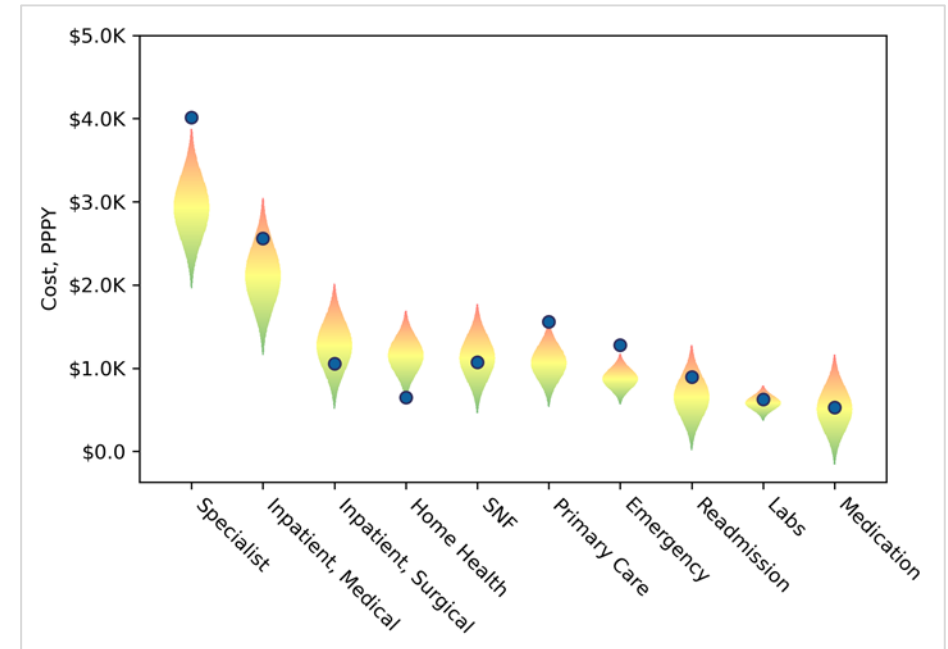
Coach: Track Module

Provides deep-dive information on key metrics so that clinics can improve performance

Opportunity Analysis

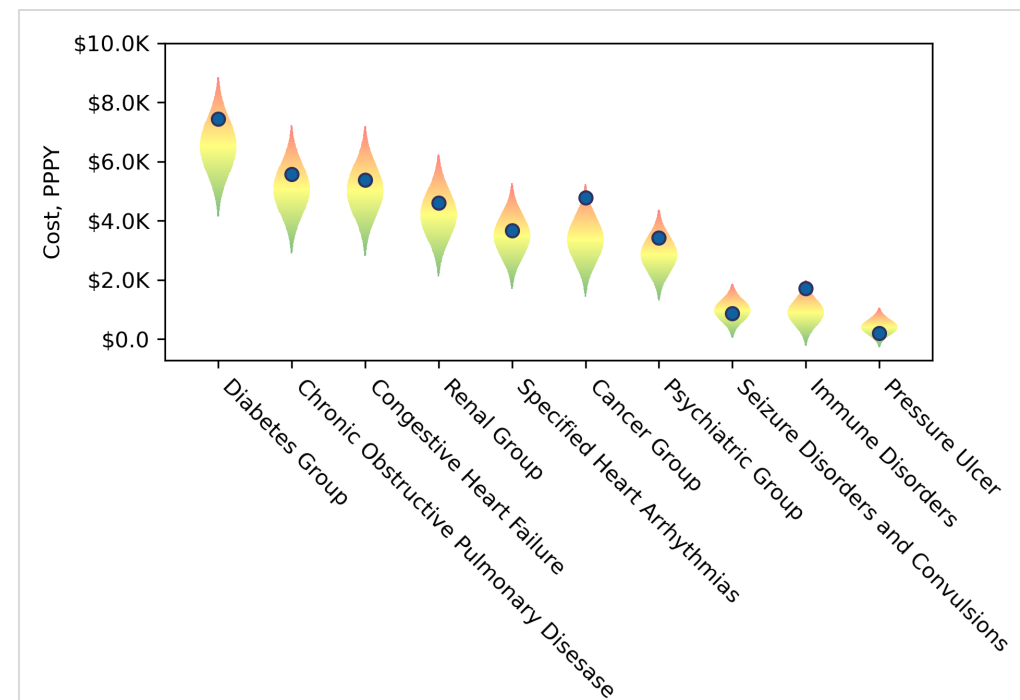
Opportunity Analysis quantifies opportunities to allow clients to make decisions on what categories to focus on:

Category	Current Performance		Median Opportunity		
	PPY Cost	\$ Per Event	PPPY Cost	Potential Opportunity	# Events
Specialist	\$4,015	\$5,122	\$2,920	\$1,490,380	291
Inpatient, Medical	\$2,563	\$13,731	\$2,100	\$629,610	46
Home Health	\$647	\$7,523	\$1,146	N/A	N/A
SNF	\$1,074	\$16,609	\$1,114	N/A	N/A
Emergency	\$1,276	\$3,876	\$867	\$555,933	144
Readmission	\$892	\$22,492	\$645	\$336,495	15
Performance (Chronic Conditions per Patient)					
HCC, Chronic	2.813	N/A	2.744	N/A	N/A



Opportunity by Chronic Condition

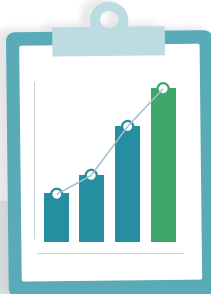
Disease Process	Current Performance		Median Opportunity	
	PMPY Cost	Number of Patients	Median PMPY Cost	Potential Opportunity
Diabetes Group	\$21,396	473	\$18,657	\$1,295,168
Chronic Obstructive Pulmonary Disease	\$24,904	304	\$22,560	\$712,484
Congestive Heart Failure	\$28,766	254	\$26,724	\$518,831
Renal Group	\$28,291	221	\$25,686	\$575,839
Psychiatric Group	\$22,172	210	\$18,368	\$798,916



Performance Dashboard



The performance dashboard allows clients to evaluate drivers creating each opportunity category.



Each core outcome measure is associated with process measures, which are color coated based on performance compared to established benchmarks

Track	Core Outcome Metrics					Initiative	Corresponding Process Measures													
	Metrics	Benchmark \$PPPY	Performance				Metrics	Performance												
			Year-to-Date	Rolling 12	Prior CY			Target	Year-to-Date	Rolling 12	Prior CY									
Team Based Patient Care: Inpatient Admissions	Inpatient Rate/ 1000	G: <200 R: >350	223	258 \$XXX	234 \$XXX	XCM Enrollment	% Enrolled among High-Risk Patients	Q1: Jan-Mar	G: >60 % R: <30 %	11%	N/A	4 %								
								Q2: Apr-Jun												
								Q3: Jul-Sep												
								Q4: Oct-Dec												
						Pharmacy	90-Day Fill Rate for Chronic Medications	G: >15 % R: <5 %	4 %	8 %	14 %									
												Access to Care	% All Patients Seen in the clinics	G: >90 % R: <75 %	40 %	60 %	62 %			
						Disease Managmt. / Quality	% Impactable COPD patients engaged in care management quarterly OR via Caravan Automated Outreach	G: >85 % R: <70 %	3 %	50 %	52 %									
												% Impactable Heart Failure patients engaged in care management quarterly OR via Caravan Automated Outreach	G: >5.0 R: <2.5	0.8	3.8	3.9				
																	Q1: Jan-Mar	35%	N/A	38%
																	Q2: Apr-Jun			
Q3: Jul-Sep																				
Q4: Oct-Dec																				
Doc & Coding	RAF Score	N/A	104	109	123	HCC Coding	% All Patients with Facesheets downloaded	G: >75 R: <50 %	11%	18%	N/A									
												AWV or Yearly Well Visit	% Completed among High-Risk Patients	G: >60 % R: <35 %	15%	40 %	32%			
						% Completed among All Patients	G: >50 % R: <25 %	6%	21%	17%										
											PAC	Acute SNF Admits/ 1000	G: <50 R: >80	XX	XX \$XXX	XX \$XXX	SNF & HHA	% SNF Patients sent to CMS 3-5 Star Facilities	G: >50 % R: <25 %	70 %
Acute SNF Days/ 1000	G: <1300 R: >1700	XX	XX \$XXX	XX \$XXX	% Patients discharged from SNFs who are monitored by a SNF Navigator	G: >60 % R: <40 %	70 %	55 %	60 %											
										Team Based Patient Care: ED	ED Rate/ 1000	G: <400 R: >550	463	452 \$XXX	475 \$XXX	ED Prevention	% All ED Patients discharged home with diagnoses in ED Severity Levels 1-3	G: <25 % R: >50 %	40 %	30 %
Team Based Patient Care: Re-admissions	Readmissions Rate	G: <12 % R: >18 %	16.2%	15.2%	14.6%	Follow-up after Discharge/ TCM	% Enrolled in TCM among High-Risk Patients Discharged to Home from Inpatient + SNF Setting	G: >75 % R: <50 %	10%											
										% Enrolled in TCM among All Patients Discharged to Home from Inpatient + SNF Setting	G: >60 % R: <35 %	12%	45%	35%						
															% High Risk Patients seen <7 calendar days upon discharge to Home from Inpatient + SNF Setting	G: >80 % R: <60 %	10%	42%	50%	
Network Utilization	Specialist Visits/ 1000	G: <11 R: >15	XX	XX \$XXX	XX \$XXX	Specialist Referrals	Specialist: PCP Ratio	G: <11 R: >15	13	12	15									
												In-network Utilization	G: >60 % R: <30 %	30 %	33 %	31 %				

Financial Performance – Lagging Measures



- Identify trend drivers of cost
- Unable to apply IBNR and stop loss down to claim level
- Use paid claims to identify high utilizing patients for CM
- Use PCPs performing better than ACO Average to train those worse
- Average unit cost/site of service differences
- Units for global v TC + Professional bills
- Leakage
- Plan design

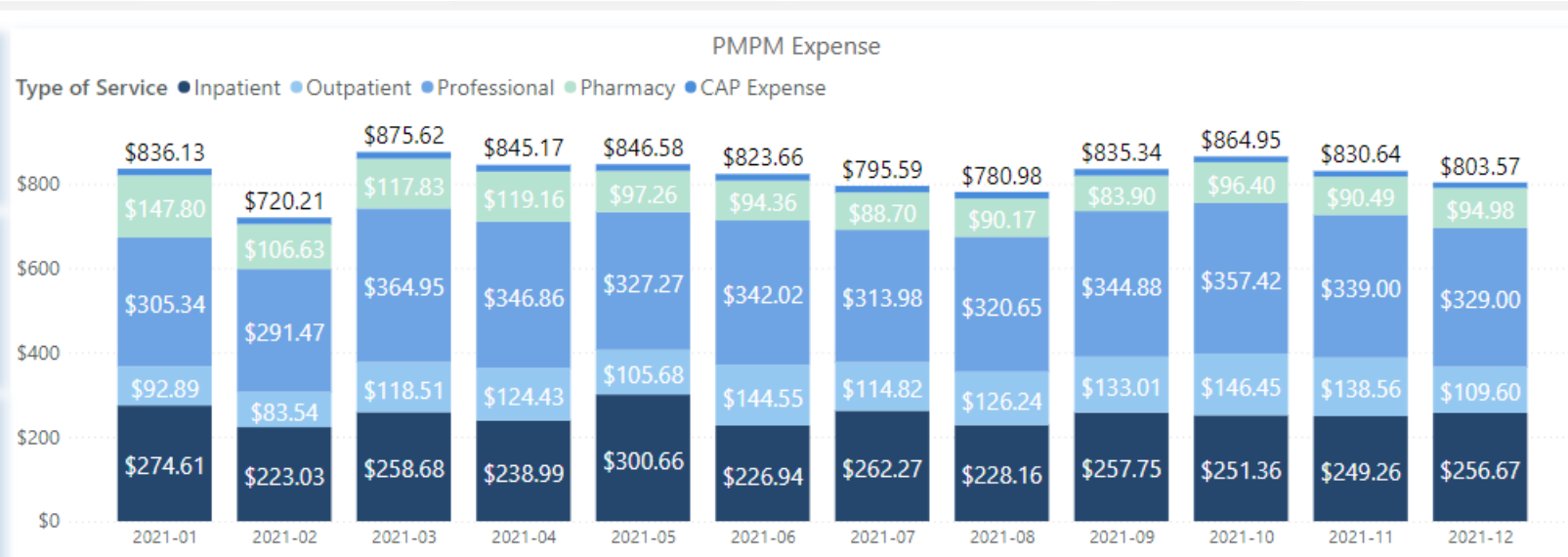
Financial Performance – Lagging Measures



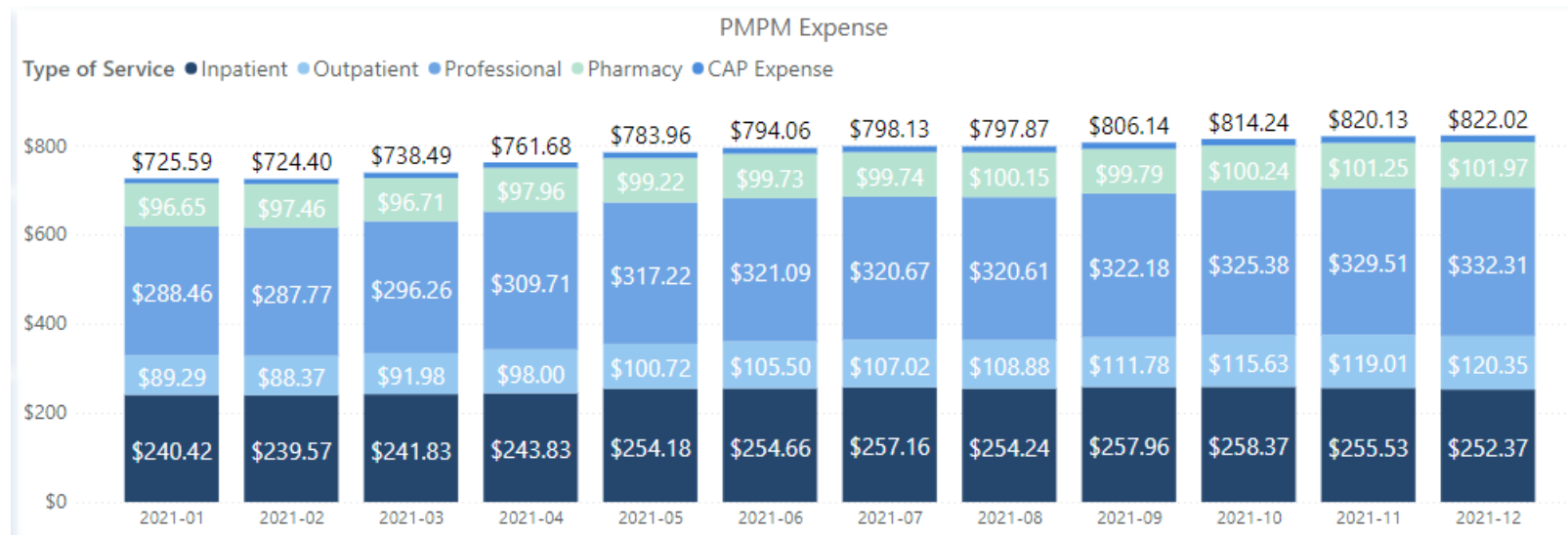
PMPM Revenue
\$901.09
 PY: \$856.09 (+5.26%)

PMPM Expense
\$822.02
 PY: \$721.96 (+13.86%)

PMPM Gross Margin
\$79.07
 PY: \$134.13 (-41.05%)



Month by month view to study seasonality



v rolling 12 month view to look at trend

Financial Performance – Potentially Avoidable service

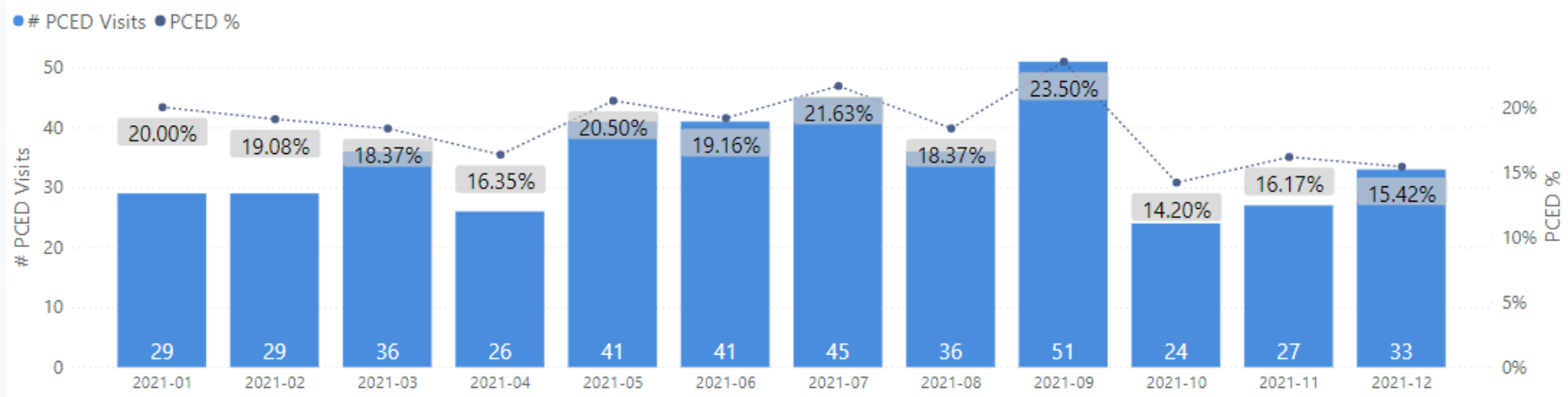


• PCED Potential Savings

PCED %
18.69%
 PY: 21.59% (-13.46%)

PCED Visits Per 1000
55
 PY: 55 (+0.39%)

ER Visits Per 1000
293
 PY: 252 (+16.01%)



PMPM Expense (PCED)
\$3.99
 PY: \$4.71 (-15.29%)

Paid Amount (PCED)
\$0.37M
 PY: \$0.41M (-10.93%)

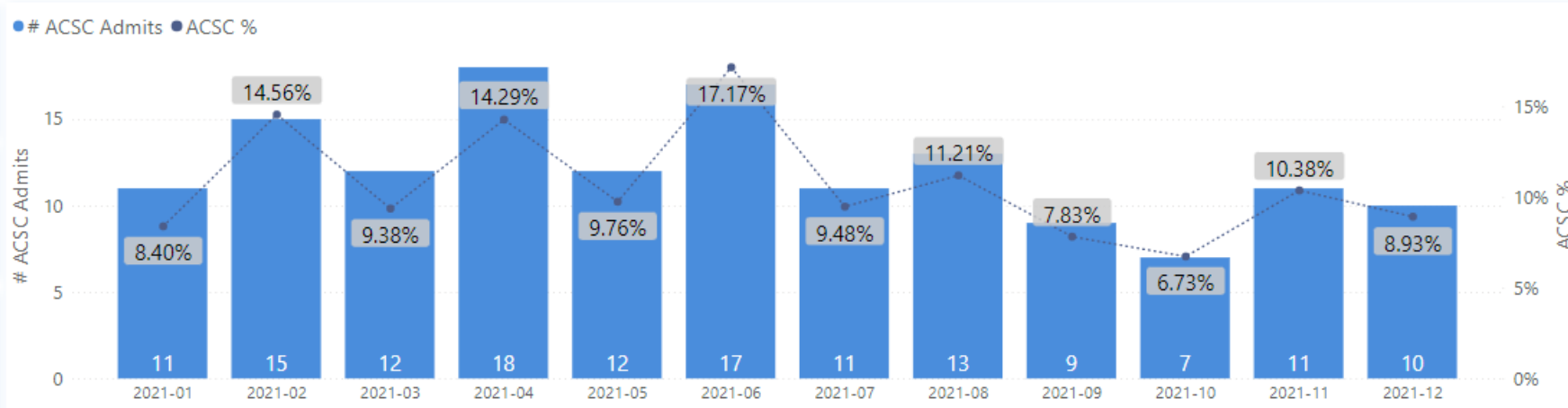
Member Months
91,673
 PY: 87191 (+5.14%)

• ACSC Potential Savings

ACSC %
10.59%
 PY: 12.48% (-15.18%)

ACSC Admits Per 1000
19
 PY: 24 (-20.65%)

Admits Per 1000
181
 PY: 193 (-6.45%)



PMPM Expense (ACSC)
\$13.14
 PY: \$14.70 (-10.62%)

Paid Amount (ACSC)
\$1.20M
 PY: \$1.28M (-6.03%)

Member Months
91,673
 PY: 87191 (+5.14%)

Financial Performance – PCP Comparison



PMPM Revenue
\$901.09
 PY: \$856.09 (+5.26%)

PMPM Expense
\$822.02
 PY: \$720.26 (+14.13%)

Paid Benefit Ratio
91.22%
 PY: 84.13% (+8.43%)

Member Months
176,575
 PY: 154931 (+13.97%)

Avg RAF Score
1.06
 PY: 1.06 (+0.2%)

Non-Risk Adjusted

Risk Adjusted

Color Code : PMPM AUC Util/1000 Member Months

PCP Provider	Type of Service	Expense PMPM PY	Expense PMPM	Trend PMPM	Revenue PMPM	Paid Benefit Ratio	%Diff PMPM vs Cohort	Util/1000 PY	Util/1000	Trend Util/1000	%Diff Util vs Cohort	AUC PY	AUC	Trend AUC	%Diff AUC vs Cohort	Member Months	RAF
<input type="checkbox"/>	Total	\$1,732.41	\$1,420.96	-17.98%	\$1,987.10	71.51%	72.86%	192,460.65	182,939.73	-4.95%	46.44%	\$107.47	\$92.19	-14.22%	18.92%	2,937	2.41
	<input checked="" type="checkbox"/> Inpatient	\$724.80	\$502.59	-30.66%	\$1,987.10	25.29%	99.15%	652.25	469.87	-27.96%	117.01%	\$13,334.70	\$12,835.70	-3.74%	-8.23%	2,937	2.41
	<input checked="" type="checkbox"/> Outpatient	\$263.83	\$263.09	-0.28%	\$1,987.10	13.24%	118.61%	2,675.73	2,251.28	-15.86%	73.20%	\$1,183.22	\$1,402.36	18.52%	26.22%	2,937	2.41
	<input checked="" type="checkbox"/> Professional	\$522.88	\$480.14	-8.17%	\$1,987.10	24.16%	44.49%	189,132.67	180,218.59	-4.71%	46.04%	\$33.18	\$31.97	-3.65%	-1.05%	2,937	2.41
	<input checked="" type="checkbox"/> Pharmacy	\$212.08	\$159.59	-24.75%	\$1,987.10	8.03%	56.51%									2,937	2.41
	<input checked="" type="checkbox"/> CAP	\$8.82	\$15.55	76.28%	\$1,987.10	0.78%	3.48%									2,937	

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Risk Adjusted

Color Code : PMPM AUC Util/1000 Member Months

PCP Provider	Type of Service	Expense PMPM PY	Expense PMPM	Trend PMPM	Revenue PMPM	Paid Benefit Ratio	%Diff PMPM vs Cohort	Util/1000 PY	Util/1000	Trend Util/1000	%Diff Util vs Cohort	AUC PY	AUC	Trend AUC	%Diff AUC vs Cohort	Member Months	RAF
<input type="checkbox"/>	Total	\$748.98	\$625.14	-16.53%	\$874.21	71.51%	-23.95%	83,207.84	80,483.24	-3.27%	-35.57%	\$107.47	\$92.19	-14.22%	18.92%	2,937	2.41
	<input checked="" type="checkbox"/> Inpatient	\$313.36	\$221.11	-29.44%	\$874.21	25.29%	-12.39%	281.99	206.72	-26.69%	-4.53%	\$13,334.70	\$12,835.70	-3.74%	-8.23%	2,937	2.41
	<input checked="" type="checkbox"/> Outpatient	\$114.06	\$115.75	1.47%	\$874.21	13.24%	-3.82%	1,156.82	990.44	-14.38%	-23.80%	\$1,183.22	\$1,402.36	18.52%	26.22%	2,937	2.41
	<input checked="" type="checkbox"/> Professional	\$226.06	\$211.24	-6.56%	\$874.21	24.16%	-36.43%	81,769.03	79,286.09	-3.04%	-35.75%	\$33.18	\$31.97	-3.65%	-1.05%	2,937	2.41
	<input checked="" type="checkbox"/> Pharmacy	\$91.69	\$70.21	-23.43%	\$874.21	8.03%	-31.15%									2,937	2.41
	<input checked="" type="checkbox"/> CAP Expense	\$3.81	\$6.84	79.38%	\$874.21	0.78%	-54.48%									2,937	

Financial Performance

Cost of Care Analytics | Claim Category Details

Apply Claims Lag Remove Claims Lag



Payor	Year	Plan	PCP Specialty	PCP Provider	PCP Region	Client	MA Only PCP Flag	Cohort
Multiple selections	2021	All	All	All	All	All	All	All
Analysis By	Year Month	FFS vs CAP	PCP Practice	Claim Categories	PCP POD Origin...	Billing/Service Provider	Leakage Flag	
Rolling 12 Months View	All	All	All	All	All	All	All	

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Color Code : PMPM AUC Util/1000 Paid Amount

Type of Service	Claim Cat 2	Exp PMPM 2nd PY	Exp PMPM 1st PY	Exp PMPM	Exp PMPM \$ Trend	Exp PMPM % Trend	Util/1000 2nd PY	Util/1000 1st PY	Trend Util/1000	Util/1000	AUC 2nd PY	AUC 1st PY	AUC	Trend AUC
<input type="checkbox"/> Inpatient	Total	\$223.01	\$238.49	\$252.37	\$13.88	5.82%	243.12	221.60	-2.29%	216.52	\$11,007.26	\$12,914.68	\$13,986.76	8.30%
	<input type="checkbox"/> Acute	\$175.49	\$189.90	\$205.90	\$16.00	8.42%	181.11	171.95	-5.11%	163.17	\$11,627.43	\$13,252.97	\$15,142.21	14.26%
	<input type="checkbox"/> Chemical Dependency	\$0.69	\$1.37	\$1.59	\$0.22	15.95%	1.65	1.86	20.43%	2.24	\$5,033.42	\$8,861.82	\$8,517.04	-3.89%
	<input type="checkbox"/> Mental Health	\$6.00	\$4.63	\$5.14	\$0.51	10.92%	8.92	6.20	18.39%	7.34	\$8,067.83	\$8,967.03	\$8,396.68	-6.36%
	<input type="checkbox"/> Non-Acute Rehab	\$9.17	\$11.54	\$12.12	\$0.57	4.98%	4.94	6.20	-4.68%	5.91	\$22,285.64	\$22,354.35	\$24,593.56	10.02%
	<input type="checkbox"/> Non-Acute SNF	\$31.56	\$30.98	\$27.43	(\$3.55)	-11.47%	45.65	34.78	5.52%	36.70	\$8,296.86	\$10,691.22	\$8,969.24	-16.11%
	<input type="checkbox"/> Other	\$0.11	\$0.06	\$0.19	\$0.14	253.26%	0.87	0.62	87.10%	1.16	\$1,507.96	\$1,068.91	\$2,025.18	89.46%
<input type="checkbox"/> Outpatient	Total	\$93.93	\$89.43	\$120.35	\$30.92	34.57%	1,609.27	1,028.82	26.34%	1,299.80	\$700.40	\$1,043.10	\$1,111.07	6.52%
	<input type="checkbox"/> Behavioral Health			\$0.00	\$0.00				0.00%	0.07			\$167.88	
	<input type="checkbox"/> Blood-Related Services	\$0.00	\$0.04	\$0.02	(\$0.02)	-51.84%	0.09	0.54	-62.96%	0.20	\$565.62	\$788.28	\$1,009.54	28.07%
	<input type="checkbox"/> Cardiovascular	\$1.59	\$0.60	\$1.15	\$0.55	93.09%	28.84	13.63	90.98%	26.03	\$661.91	\$524.11	\$530.01	1.13%
	<input type="checkbox"/> Chemical Dependency	\$0.21	\$0.12	\$0.15	\$0.03	23.63%	3.90	2.56	0.78%	2.58	\$643.79	\$577.34	\$706.44	22.36%
	<input type="checkbox"/> Dialysis	\$1.19	\$1.68	\$5.67	\$3.99	236.85%	5.80	6.51	213.21%	20.39	\$2,460.47	\$3,107.20	\$3,340.03	7.49%
	<input type="checkbox"/> Emergency Room	\$20.28	\$18.47	\$23.20	\$4.73	25.60%	242.34	214.47	18.99%	255.19	\$1,004.18	\$1,033.70	\$1,091.18	5.56%
	<input type="checkbox"/> Home Health	\$2.79	\$3.21	\$2.12	(\$1.09)	-34.00%	54.13	80.01	-30.52%	55.59	\$619.28	\$481.59	\$457.46	-5.01%
	<input type="checkbox"/> Imaging - CT	\$0.30	\$0.25	\$0.33	\$0.08	30.79%	10.74	7.51	139.81%	18.01	\$332.06	\$404.59	\$220.75	-45.44%

Type of Service	Claim Cat 2	Claim Cat 3	Exp PMPM 2nd PY	Exp PMPM 1st PY	Exp PMPM	Exp PMPM \$ Trend	Exp PMPM % Trend	Util/1000 2nd PY	Util/1000 1st PY	Trend Util/1000	Util/1000	AUC 2nd PY	AUC 1st PY	AUC	Trend AUC
Outpatient	+ Imaging - Other		\$0.96	\$1.44	\$2.47	\$1.02	71.11%	41.14	31.99	56.14%	49.95	\$279.74	\$540.63	\$592.41	9.58%
	+ Imaging-MRI		\$0.10	\$0.09	\$0.33	\$0.24	271.45%	5.37	4.80	51.46%	7.27	\$231.22	\$223.60	\$548.51	145.31%
	+ Laboratory		\$12.61	\$8.81	\$6.80	(\$2.00)	-22.74%	753.10	267.68	15.97%	310.44	\$200.92	\$394.80	\$263.00	-33.38%
	+ Mental Health		\$0.62	\$0.56	\$0.52	(\$0.04)	-7.32%	16.28	11.31	24.40%	14.07	\$453.42	\$593.24	\$441.95	-25.50%
	+ Observation		\$0.75	\$0.16	\$0.29	\$0.13	80.99%	2.77	1.70	40.00%	2.38	\$3,264.14	\$1,140.30	\$1,478.51	29.66%
	+ Other Therapeutic Services		\$0.08	\$0.03	\$0.04	\$0.01	15.54%	3.20	2.25	-12.44%	1.97	\$288.64	\$186.42	\$245.49	31.69%
	+ Pharmacy		\$1.69	\$2.67	\$2.98	\$0.30	11.36%	12.04	12.16	25.74%	15.29	\$1,683.67	\$2,638.65	\$2,336.82	-11.44%
	+ PT/OT/ST		\$9.35	\$9.21	\$13.03	\$3.82	41.45%	119.79	124.39	50.25%	186.89	\$936.60	\$888.88	\$836.85	-5.85%
	+ Redaction - Proc or Dx		\$0.12	\$0.08	\$0.13	\$0.05	66.56%	2.77	2.32	-41.38%	1.36	\$512.48	\$401.83	\$1,144.18	184.74%
	+ Surgery-ASC		\$11.37	\$9.58	\$12.57	\$2.99	31.19%	151.05	122.53	18.58%	145.30	\$903.13	\$938.33	\$1,038.10	10.63%
	+ Surgery-Hospital		\$29.15	\$31.91	\$47.36	\$15.45	48.40%	101.68	88.84	32.95%	118.11	\$3,440.12	\$4,310.31	\$4,811.18	11.62%
	+ Unknown		\$0.73	\$0.49	\$1.16	\$0.68	139.59%	49.46	31.14	113.87%	66.60	\$176.70	\$186.92	\$209.38	12.02%
+ Urgent Care		\$0.04	\$0.02	\$0.02	(\$0.00)	-5.64%	4.76	2.48	-14.92%	2.11	\$104.53	\$81.54	\$90.51	11.00%	
Professional	Total		\$296.86	\$288.87	\$332.31	\$43.44	15.04%	109,502.54	109,821.43	12.37%	123,404.92	\$32.53	\$31.56	\$32.31	2.38%
	Level I Total		\$219.68	\$207.78	\$241.03	\$33.25	16.00%	42,799.32	40,295.33	7.91%	43,483.67	\$61.59	\$61.88	\$66.51	7.48%
	+ Allergy		\$0.12	\$0.15	\$0.15	(\$0.00)	-0.22%	258.19	267.99	-13.15%	232.76	\$5.73	\$6.70	\$7.70	14.93%
	+ Anesthesia		\$5.54	\$4.81	\$5.70	\$0.89	18.47%	1,791.33	1,640.05	13.59%	1,862.99	\$37.14	\$35.19	\$36.70	4.29%
	+ Cardiac Catheterization		\$0.67	\$0.53	\$0.68	\$0.15	27.53%	27.89	22.85	26.08%	28.81	\$290.10	\$278.10	\$281.23	1.13%
	+ Cardiography		\$1.16	\$1.03	\$1.56	\$0.53	51.75%	760.98	699.87	16.82%	817.56	\$18.30	\$17.59	\$22.84	29.85%
	+ Cardiovascular - Other		\$0.02	\$0.02	\$0.02	(\$0.00)	-0.88%	2.08	1.94	29.38%	2.51	\$135.31	\$99.48	\$75.94	-23.66%
	+ Cardiovascular - Therapeutic		\$0.50	\$0.58	\$0.59	\$0.02	2.94%	15.07	16.81	7.56%	18.08	\$395.10	\$411.17	\$393.52	-4.29%
	+ Chemical Dependency		\$0.17	\$0.15	\$0.22	\$0.08	51.13%	20.18	18.51	28.15%	23.72	\$99.33	\$95.67	\$112.85	17.96%
	+ Chemotherapy Administration		\$2.14	\$2.96	\$1.39	(\$1.56)	-52.85%	196.53	193.87	-7.31%	179.69	\$130.71	\$182.92	\$93.06	-49.13%
	+ Chiropractic Manipulative		\$0.06	\$0.12	\$0.26	\$0.15	126.57%	29.71	43.53	137.93%	103.57	\$26.25	\$31.77	\$30.25	-4.78%

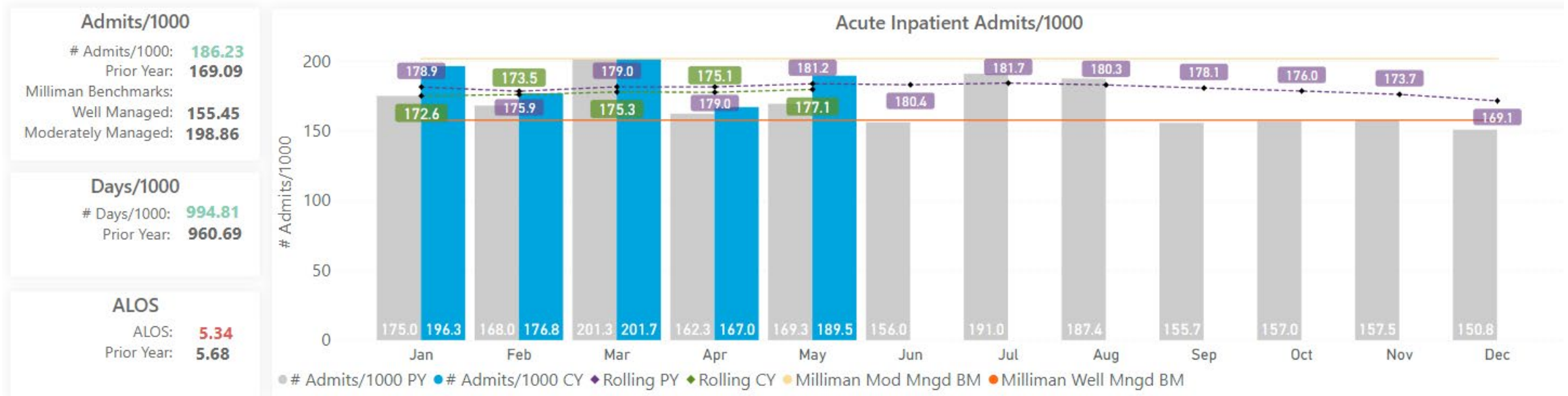
Type of Service	Claim Cat 2	Claim Cat 3	Exp PMPM 2nd PY	Exp PMPM 1st PY	Exp PMPM Trend	Exp PMPM \$ % Trend	Util/1000 2nd PY	Util/1000 1st PY	Trend Util/1000	Util/1000	AUC 2nd PY	AUC 1st PY	AUC	Trend AUC			
☐ Profession al	☐ Level I	⊕ E&M - Emergency	\$4.38	\$4.33	\$4.91	\$0.57	13.27%	334.24	319.73	10.12%	352.10	\$157.11	\$162.58	\$167.23	2.86%		
		⊕ E&M - Non-Emergency	\$77.93	\$77.97	\$96.99	\$19.02	24.39%	9,831.56	9,691.26	11.05%	10,761.77	\$95.12	\$96.55	\$108.15	12.01%		
		⊕ Echocardiography	\$2.26	\$2.23	\$2.54	\$0.31	13.80%	209.17	200.37	16.57%	233.58	\$129.56	\$133.76	\$130.58	-2.38%		
		⊕ Gastroenterology	\$0.14	\$0.12	\$0.20	\$0.08	67.24%	3.20	2.40	98.33%	4.76	\$516.87	\$612.20	\$516.77	-15.59%		
		⊕ High Service Units	\$0.02	\$0.05	\$0.01	(\$0.04)	-72.78%	36.98	36.09	113.55%	77.07	\$6.43	\$16.54	\$2.11	-87.24%		
		⊕ Home Health	\$0.00	\$0.00	\$0.01	\$0.01	585.40%	0.17	0.23	521.74%	1.43	\$115.00	\$86.67	\$96.71	11.58%		
		⊕ Imaging - CT	\$2.74	\$2.89	\$3.28	\$0.39	13.41%	383.78	385.10	18.52%	456.42	\$85.57	\$90.00	\$86.12	-4.31%		
		⊕ Imaging - MRI	\$3.26	\$2.90	\$3.64	\$0.74	25.65%	197.65	170.48	25.01%	213.12	\$198.01	\$204.01	\$205.05	0.51%		
		⊕ Imaging - Other	\$23.10	\$19.91	\$23.63	\$3.72	18.69%	2,951.86	2,559.77	16.77%	2,989.08	\$93.89	\$93.33	\$94.86	1.64%		
		⊕ Laboratory	\$15.08	\$14.46	\$14.39	(\$0.07)	-0.48%	11,122.61	11,116.33	-1.59%	10,939.28	\$16.27	\$15.61	\$15.79	1.15%		
		⊕ Maternity Care & Delivery	\$0.02	\$0.02		(\$0.02)		0.52	0.08			\$474.35	\$2,430.54				
		⊕ Mental Health	\$3.01	\$3.52	\$4.26	\$0.74	21.12%	443.89	486.10	15.10%	559.51	\$81.41	\$86.83	\$91.37	5.23%		
		⊕ Neurology	\$2.04	\$1.63	\$1.82	\$0.19	11.85%	105.32	100.15	10.33%	110.50	\$232.77	\$194.85	\$197.52	1.37%		
☐ Profession al	☐ Level I	⊕ Non-Invasive Vascular	\$1.79	\$1.62	\$1.81	\$0.20	12.13%	185.96	168.69	13.93%	192.19	\$115.25	\$114.90	\$113.09	-1.58%		
		⊕ Ophtalmology	\$2.21	\$1.67	\$1.51	(\$0.16)	-9.65%	338.92	257.53	-7.96%	237.04	\$78.09	\$78.01	\$76.58	-1.83%		
		⊕ Ophthalmology	\$5.54	\$5.08	\$5.37	\$0.28	5.51%	803.34	720.71	11.87%	806.27	\$82.74	\$84.66	\$79.85	-5.68%		
		⊕ Other	\$16.48	\$15.34	\$13.79	(\$1.56)	-10.15%	2,265.02	2,153.14	-6.97%	2,002.98	\$87.29	\$85.52	\$82.60	-3.41%		
		⊕ Otorhinolaryngology	\$0.27	\$0.25	\$0.27	\$0.03	10.37%	106.62	98.83	3.63%	102.42	\$30.31	\$29.83	\$31.77	6.50%		
		⊕ Physical Medicine & Rehabilitation	\$10.67	\$8.83	\$10.46	\$1.63	18.48%	5,277.95	4,358.79	18.41%	5,161.07	\$24.26	\$24.31	\$24.32	0.04%		
		⊕ Pulmonary	\$0.67	\$0.58	\$0.73	\$0.15	26.76%	203.89	153.13	16.05%	177.71	\$39.16	\$45.11	\$49.27	9.22%		
		⊕ Surgery	\$36.38	\$32.82	\$39.26	\$6.44	19.63%	2,172.52	1,940.76	16.19%	2,254.97	\$200.96	\$202.94	\$208.94	2.96%		
		⊕ Therapeutic Injections	\$0.02	\$0.02	\$0.04	\$0.02	77.20%	1.91	2.25	56.89%	3.53	\$139.24	\$132.37	\$149.09	12.63%		
		⊕ Venipuncture	\$0.66	\$0.60	\$0.63	\$0.02	4.09%	2,675.92	2,427.09	4.01%	2,524.30	\$2.94	\$2.97	\$2.98	0.34%		
			⊕ Level II		\$77.18	\$81.09	\$91.29	\$10.19	12.57%	66,653.51	69,486.68	15.01%	79,919.76	\$13.89	\$14.00	\$13.71	-2.07%
			⊕ Other		\$0.00					49.72	39.42	-96.19%	1.50	\$0.20			
		☐ Pharmacy	Total		\$85.81	\$94.88	\$101.97	\$7.09	7.47%								
⊕			\$85.81	\$94.88	\$101.97	\$7.09	7.47%										
⊕ CAP Expense			\$7.97	\$10.29	\$15.02	\$4.73	45.96%										

Utilization Measures - Leading Measures



- Membership (unless retrospective attribution)
- Acute Admissions per k
- SNF Admissions per k
- ED visits per k
- % generic RX fills

Utilization Measures - Leading Measures

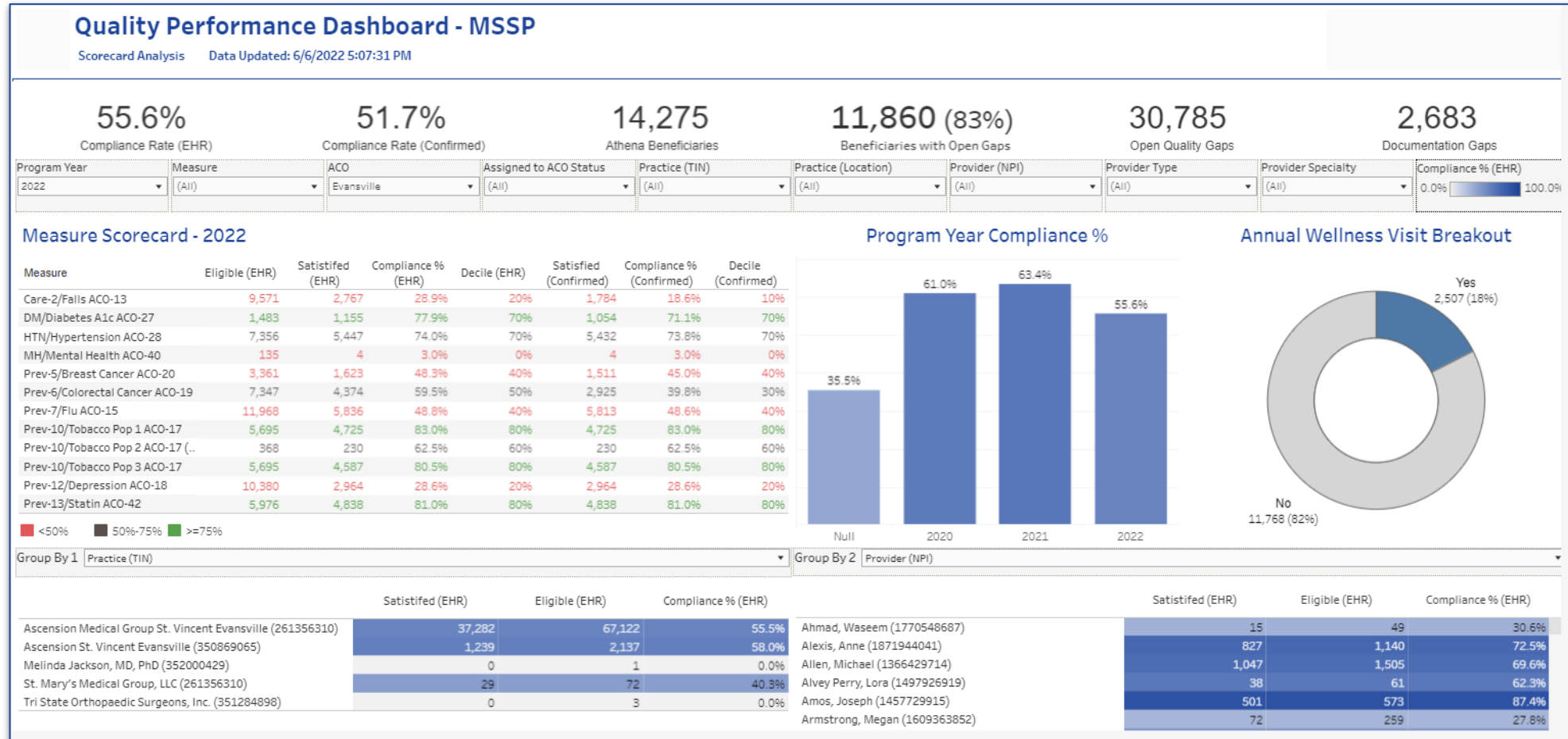


- Should data be risk adjusted?
- Should data be studied by like plans? HMO v PPO

Quality Analytics - EMR based measures

The Quality Performance Dashboard (QPD) for MSSP Quality Measures, and Annual Wellness Visits includes data from payors and providers to compose a comprehensive view of performance achievement and opportunities.

Patient Gap lists at the TIN, Attributed NPI and next scheduled visit to support operational processes.



Quality Analytics - Claims based measures

While the MSSP Quality program only includes certain types of Readmissions, these dashboards include:

- All Cause
- CHF
- COPD
- Diabetes
- Pneumonia
- Cellulitis
- Angina
- Asthma

Condition Related Admits Per 1000	Readmission % (Same Diag)	Readmission % (Any Diag)	Paid Per Admit	Select Chronic Condition:	
24.3	5.0%	17.6%	\$8,189	(All)	
Admits/1000	% Readmission (Same Diag)	% Readmission (w. Any Diag)	Paid Per Admit	Market	
BAPTIST HEALTH DEACONESS MADISONVILLE INC	0.0	0.0%	100.0%	\$7,598	<input type="checkbox"/> (All)
BAPTIST MEMORIAL HOSPITAL	0.0	0.0%	0.0%	\$320	<input type="checkbox"/> FLJAC
BAPTIST MEMORIAL HOSPITAL-HUNTINGDON	0.0	0.0%	0.0%	\$8,242	<input type="checkbox"/> GCHP
CENTRAL TENNESSEE HOSPITAL CORPORATION	0.4	7.1%	14.3%	\$10,897	<input type="checkbox"/> INEVA
CHATTANOOGA HAMILTON COUNTY HOSPITAL AUTHORITY	0.0	0.0%	100.0%	\$6,258	<input type="checkbox"/> ININD
CLARKSVILLE HEALTH SYSTEM GP	0.4	21.4%	28.6%	\$7,710	<input checked="" type="checkbox"/> TNNAS
COFFEE MEDICAL GROUP LLC	0.1	20.0%	20.0%	\$7,452	
COOKEVILLE REGIONAL MEDICAL CENTER	0.5	5.9%	5.9%	\$6,146	
CROCKETT HOSPITAL LLC	0.1	0.0%	0.0%	\$6,656	
HCA HEALTH SERVICES OF TENNESSEE, INC.	4.6	5.9%	23.5%	\$8,309	
HENDERSONVILLE HOSPITAL CORPORATION	0.5	0.0%	5.6%	\$8,606	
HOUSTON COUNTY COMMUNITY HOSPITAL	0.1	0.0%	100.0%	\$6,661	
HTI MEMORIAL HOSPITAL CORPORATION	0.8	3.4%	13.8%	\$8,656	
JENNIE STUART MEDICAL CENTER	0.1	33.3%	33.3%	\$4,472	
LINCOLN MEDICAL CENTER	0.1	0.0%	100.0%	\$7,950	
MACON COUNTY GENERAL HOSPITAL, INC.	0.5	11.1%	44.4%	\$6,383	
MAURY REGIONAL HOSPITAL	0.9	0.0%	0.0%	\$5,713	
MEMORIAL HEALTH CARE SYSTEM INC.	0.1	0.0%	50.0%	\$13,189	
MURRAY-CALLOWAY COUNTY PUBLIC HOSPITAL CORPORATION	0.0	0.0%	0.0%	\$4,300	

Top 3 Conditions by Total Paid		
CHF	Diabetes	Pneumonia
\$2,693,801	\$1,730,518	\$1,550,331



Quality Analytics - Gap Lists

Lists are organized by TIN, NPI, Provider Type and Speciality.

Measures include:

- Compliance Rate
- Open Gaps
- Last Annual Wellness Visit
- Next Appointment

Quality Performance Dashboard - MSSP

Patient Gap List Data Updated: 6/10/2022 3:18:59 PM

Gap List Control
 Preview Top 100

Hover: How to Download Data

55.8%
 Compliance Rate (EHR)

51.9%
 Compliance Rate (Confirmed)

14,434
 Athena Beneficiaries

11,959 (83%)
 Beneficiaries with Open Gaps

31,041
 Open Quality Gaps

2,730
 Documentation Gaps

Program Year	Measure	ACO	Assigned to ACO Status	Practice (TIN)	Practice (Location)	Provider (NPI)	Provider Type	Provider Speciality	Result Status EHR	Result Status Confirmed
2022	(All)	Evansville	(All)	(All)	(All)	(All)	(All)	(All)	NOTSATISFIED	(All)

Group By 1: Practice (TIN)

	Satisfied (EHR)	Eligible (EHR)	Compliance % (EHR)
Ascension Medical Group St. Vincent Ev.	37,612	67,532	55.7%
Ascension St. Vincent Evansville (3508..	1,372	2,333	58.8%
Daviness County Hospital (356001322)	2	3	66.7%
Emergency Professionals of Indiana, PC.	191	303	63.0%
Melinda Jackson, MD, PhD (352000429)	0	1	0.0%
St. Mary's Medical Group, LLC (261356..	32	75	42.7%
Tri State Orthopaedic Surgeons, Inc. (3..	0	3	0.0%

Group By 2: Provider (NPI)

	Satisfied (EHR)	Eligible (EHR)	Compliance % (EHR)
Ascension Medical Group St. Vincent Ev.	37,612	67,532	55.7%
Ascension St. Vincent Evansville (3508..	1,372	2,333	58.8%
Daviness County Hospital (356001322)	2	3	66.7%
Emergency Professionals of Indiana, PC.	191	303	63.0%
Melinda Jackson, MD, PhD (352000429)	0	1	0.0%
St. Mary's Medical Group, LLC (261356..	32	75	42.7%
Tri State Orthopaedic Surgeons, Inc. (3..	0	3	0.0%

Beneficiary	Beneficiary Dob	Provider (NPI)	Practice (TIN)	Last AWV	Next Appt	Measure	Hover to View
	01/27/1953	Neely, Christopher (1164591327)	Ascension St. Vincent Evansville (350869065)	Null	Null	Care-2/Falls ACO-13	Full Info
						Prev-6/Colorectal Cancer ACO-19	Full Info
						Prev-12/Depression ACO-18	Full Info
	11/01/1945	Gilson, Phillip (1619966322)	Ascension Medical Group St. Vincent Evansville (261356310)	Null	Null	Care-2/Falls ACO-13	Full Info
						Prev-7/Flu ACO-15	Full Info
						Prev-12/Depression ACO-18	Full Info
	12/24/1946	Bhatia, Ruchi (1952591315)	Ascension Medical Group St. Vincent Evansville (261356310)	09/01/2021	Null	Care-2/Falls ACO-13	Full Info
						Prev-12/Depression ACO-18	Full Info
	03/09/1939	Unnikrishnan, Dilip (1366437279)	Ascension Medical Group St. Vincent Evansville (261356310)	Null	Null	Care-2/Falls ACO-13	Full Info
						Prev-12/Depression ACO-18	Full Info
	12/06/1954	Nelson, Christopher (1417112483)	Ascension Medical Group St. Vincent Evansville (261356310)	Null	Null	Care-2/Falls ACO-13	Full Info
						Prev-5/Breast Cancer ACO-20	Full Info
						Prev-6/Colorectal Cancer ACO-19	Full Info

Beneficiary	Beneficiary Dob	Provider (NPI)	Practice (TIN)	Last AWV	Next Appt	Measure	Hover to View
	10/25/1951	Mishra, Pradip (1679660096)	Ascension Saint Thomas Medical Partners (621529858)	Null	Null	Prev-6/Colorectal Cancer ACO-19	Full Info
						Prev-10/Tobacco Pop 1 ACO-17	Full Info
						Prev-10/Tobacco Pop 3 ACO-17	Full Info
	07/01/1942	Aaron, Mark (1306891262)	Ascension Saint Thomas Medical Partners (621529858)	11/09/2020	Null	Prev-10/Tobacco Pop 1 ACO-17	Full Info
						Prev-10/Tobacco Pop 3 ACO-17	Full Info
	11/06/1954	Malik, M. (1447284864)	Ascension Saint Thomas Medical Pa..	Null	Null	Prev-6/Colorectal Cancer ACO-19	Full Info
	12/28/1956	Mendoza, Ileana (1023589850)	Ascension Saint Thomas Medical Partners (621529858)	Null	Null	Prev-10/Tobacco Pop 2 ACO-17 ..	Full Info
						Prev-10/Tobacco Pop 3 ACO-17	Full Info
	11/22/1936	Olivier, Andre (1558386771)	Ascension Saint Thomas Medical Pa..	Null	Null	Prev-7/Flu ACO-15	Full Info

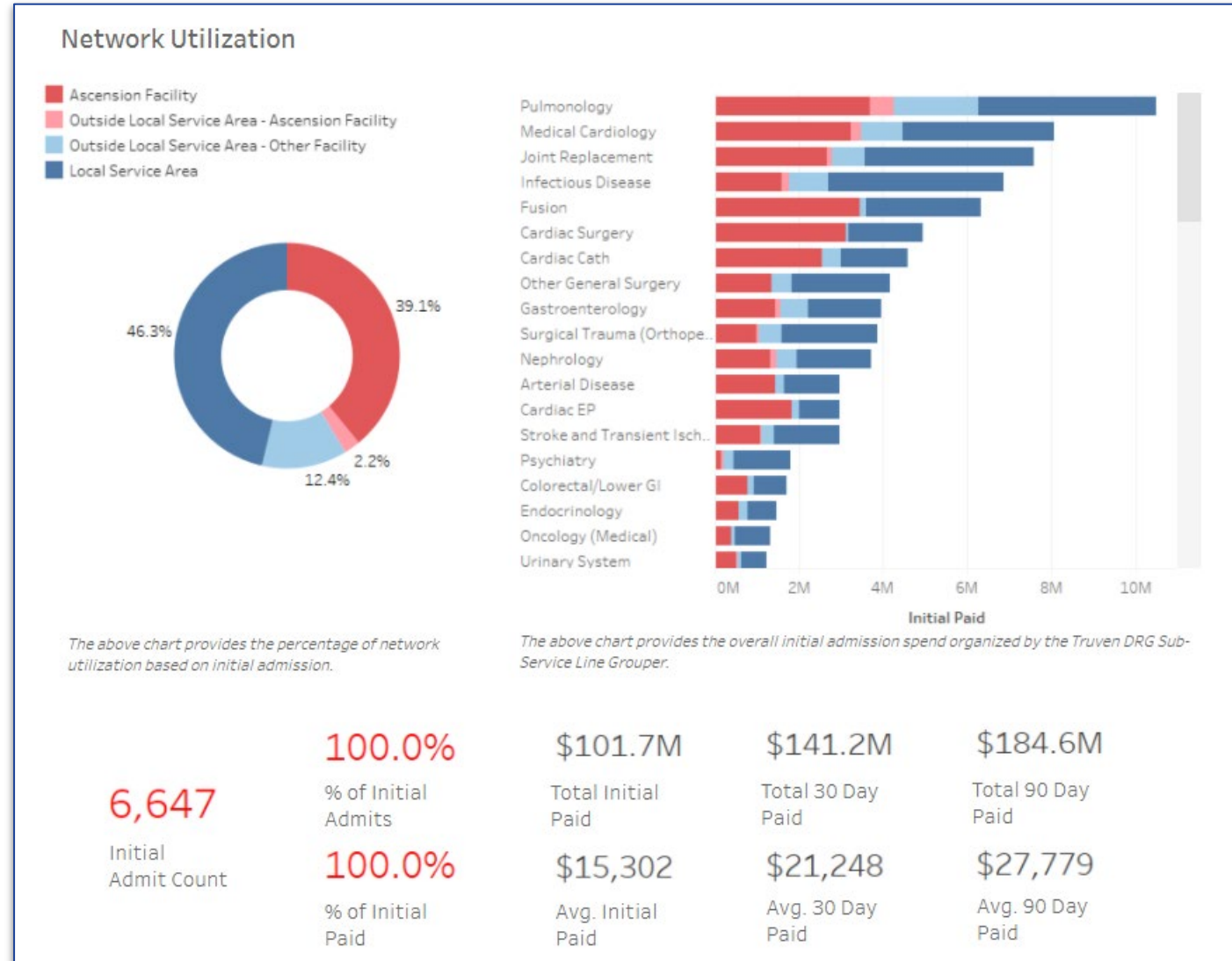


Network Leakage - Summary

The Medicare Shared Savings Program - Accountable Care Organization (MSSP ACO) Continuity of Care Dashboard outlines opportunities to engage attributed physician providers around identical care their members receive at Ascension facilities, or competing facilities.

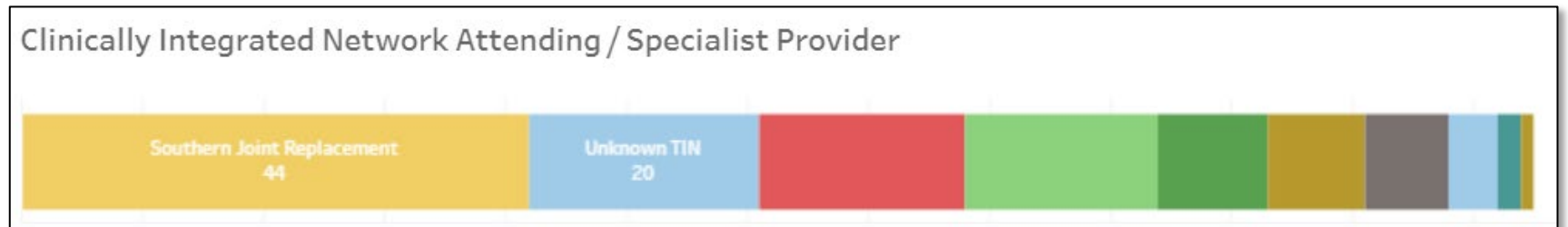
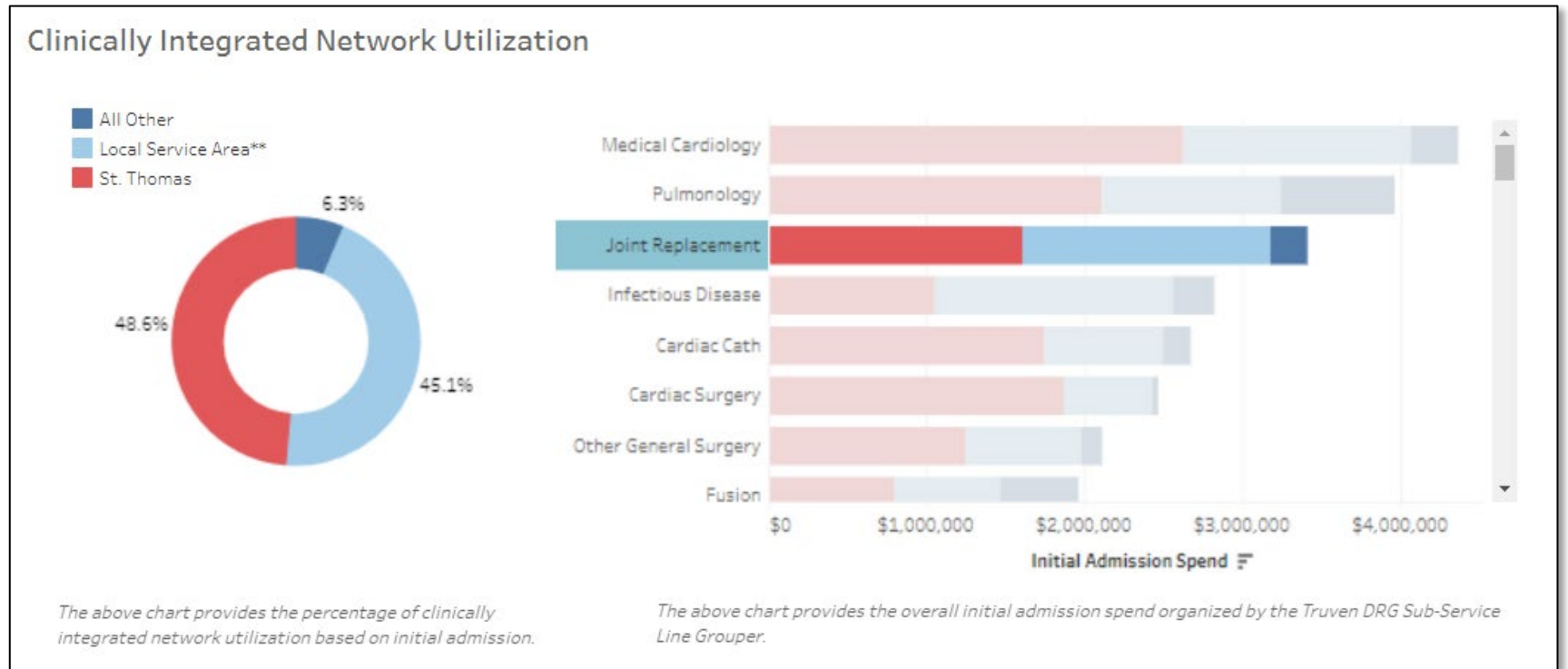
Specialized network structures outlined with our ACO partners, supports multiple levels of utilization analysis and opportunity identification.

Initial, 30 and 90 day cuts of the data enable compliant conversations about the lowest cost options within a ministry market's preferred network.

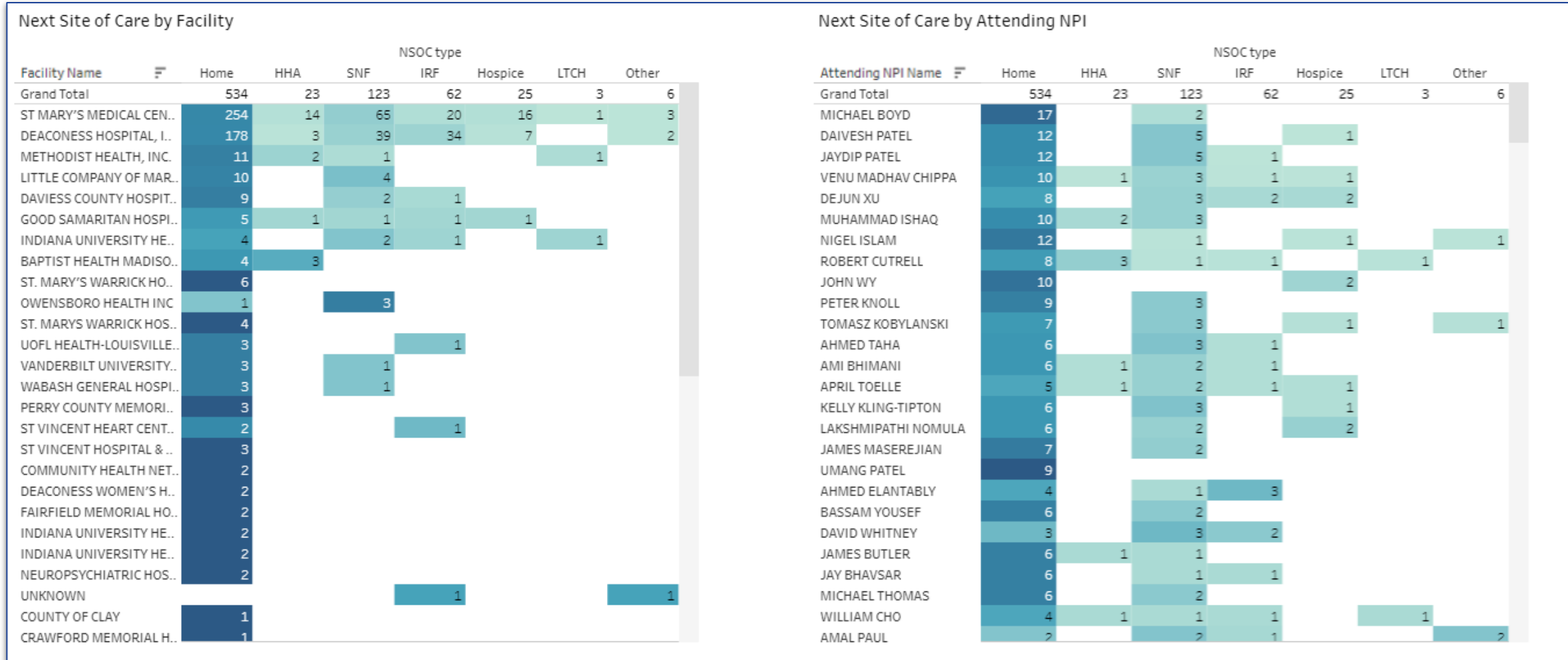


Network Leakage - Total Joint Example

- 45.1% of the 284 members attributed to STMP, or 128 members received their joint replacement surgery outside of an Ascension facility.
- These 128 surgeries equated to approximately \$1.57M in admission spend, and \$2.86M in 90-day spend.
- Southern Joint Replacement, Tennessee Orthopedic Alliance, Vanderbilt Physicians and Upper Cumberland Orthopedics were the top specialty provider groups that performed the procedures in non-Ascension facilities.



Network Leakage - Next Site of Care

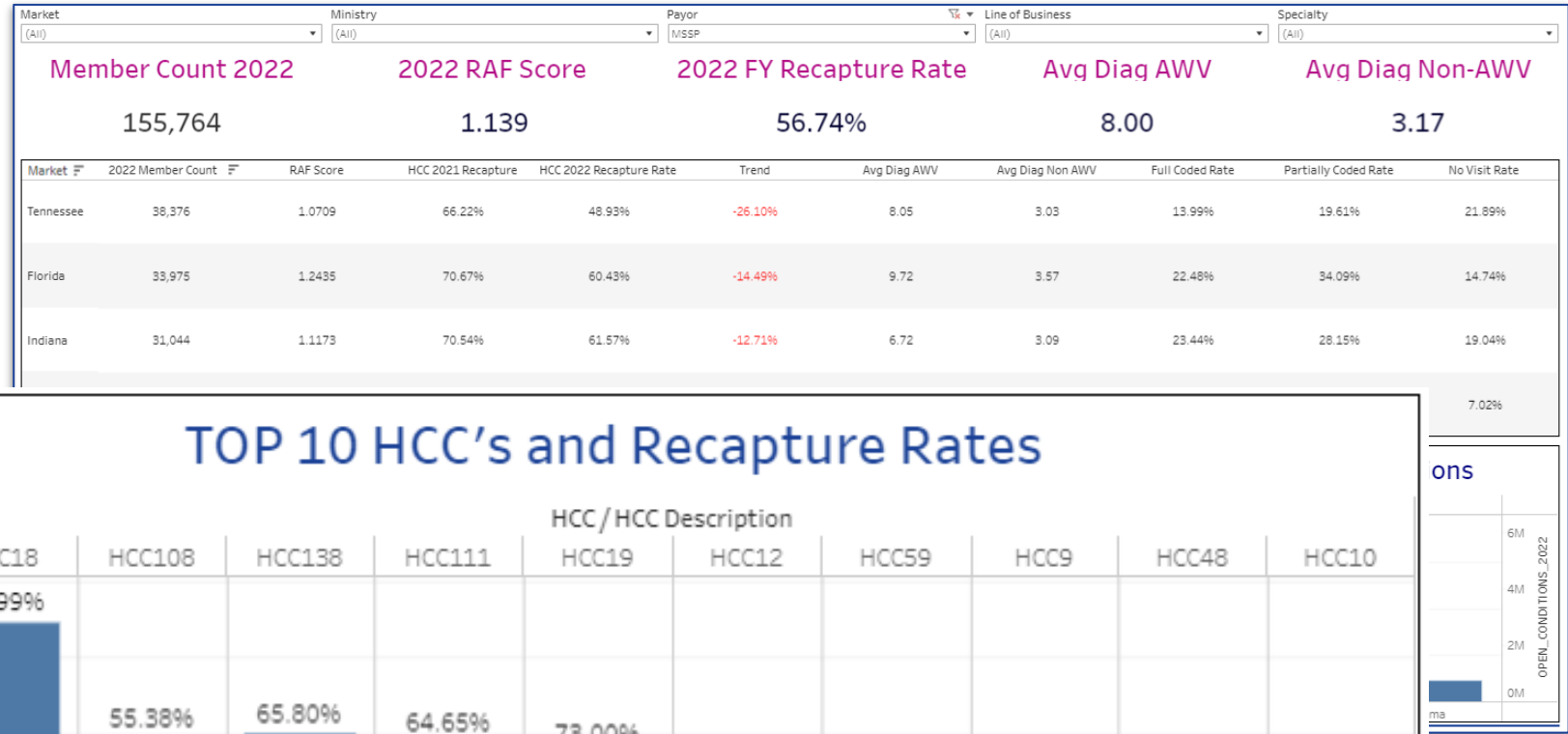


Risk Adjustment - RAF & Recapture Rates

Utilizes internal data from clinical (EMR), financial, QASSGN and CCLF claims files. Attribution is calculated using quarterly QASSGN and monthly CCLF files

Dashboards measures include:

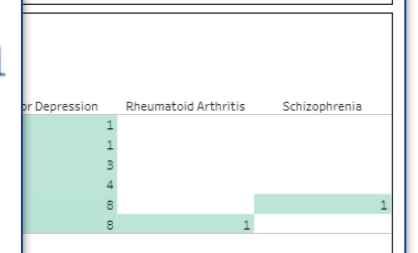
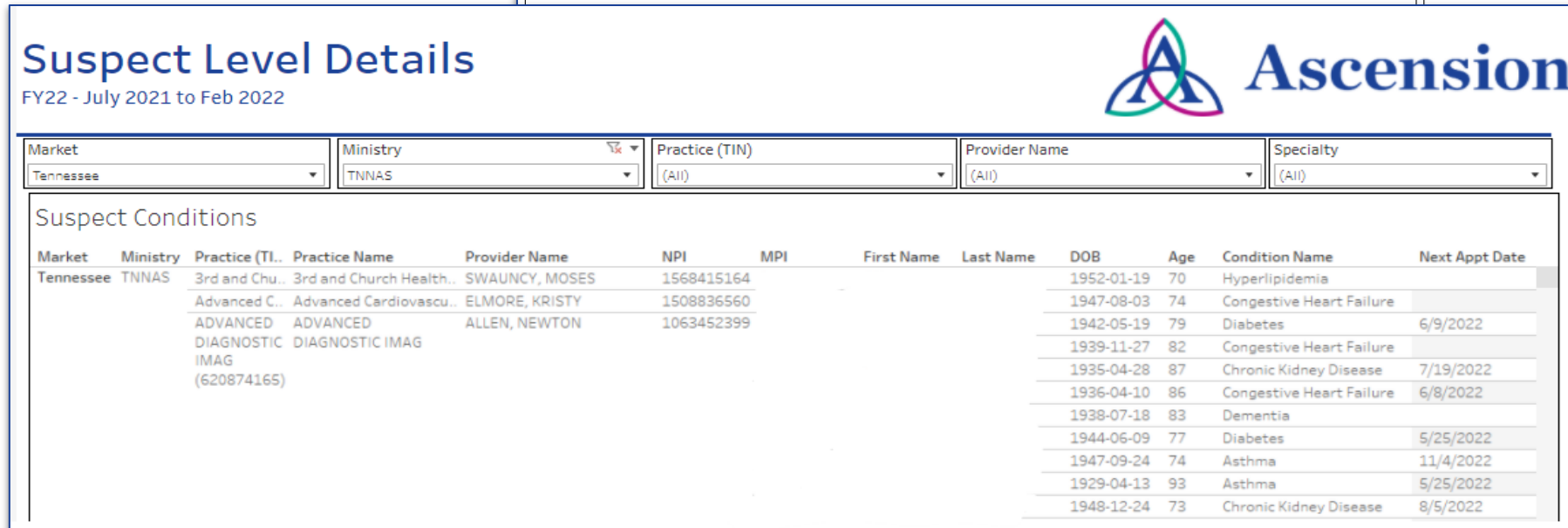
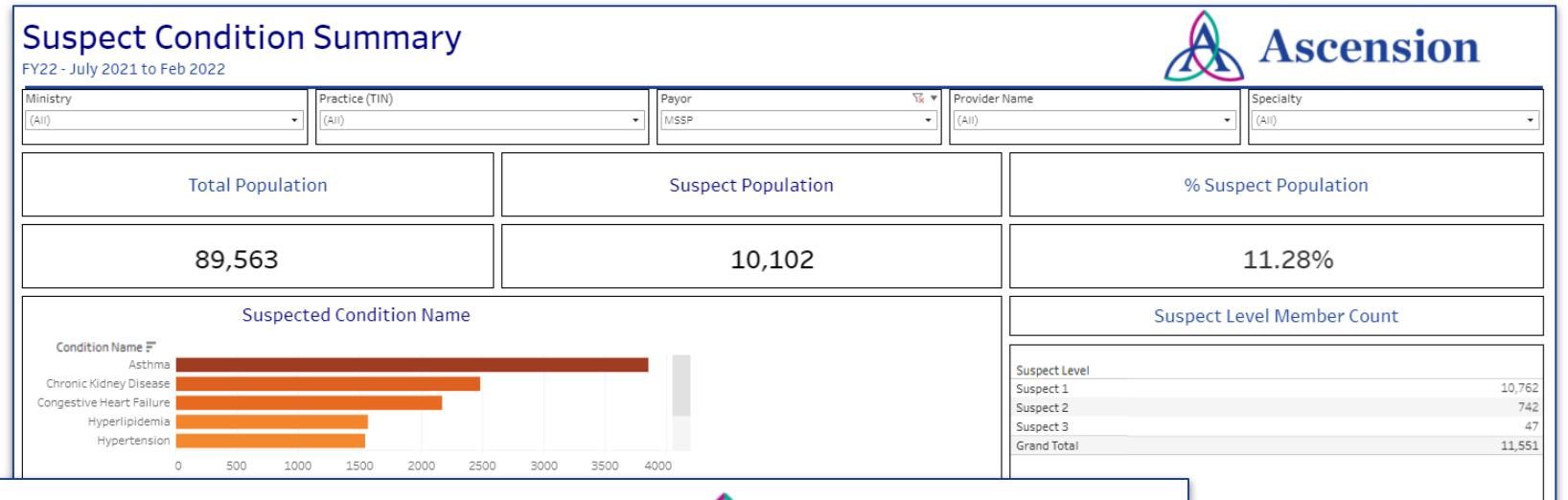
- RAF Score
- Recapture Rates
- Annual Wellness Visits
- Diagnosis Capture per AWW
- Top Conditions



Risk Adjustment - Suspect Conditions

Dashboards measures include:

- Members with Suspected conditions
- Suspect Conditions & Priority
- Practice Level Gap Lists

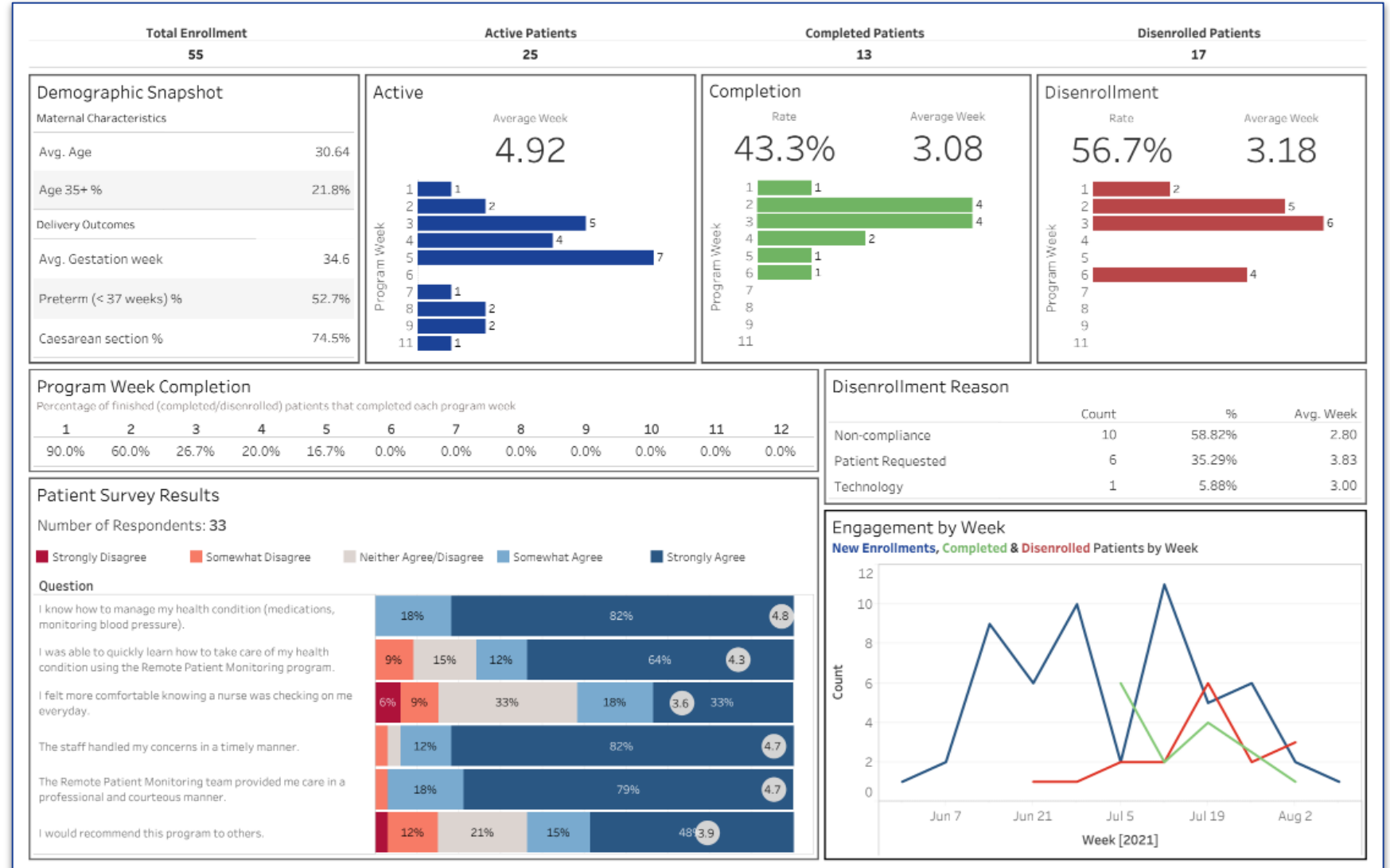


Care Management - Overview

Standard Care Management

Program measures include:

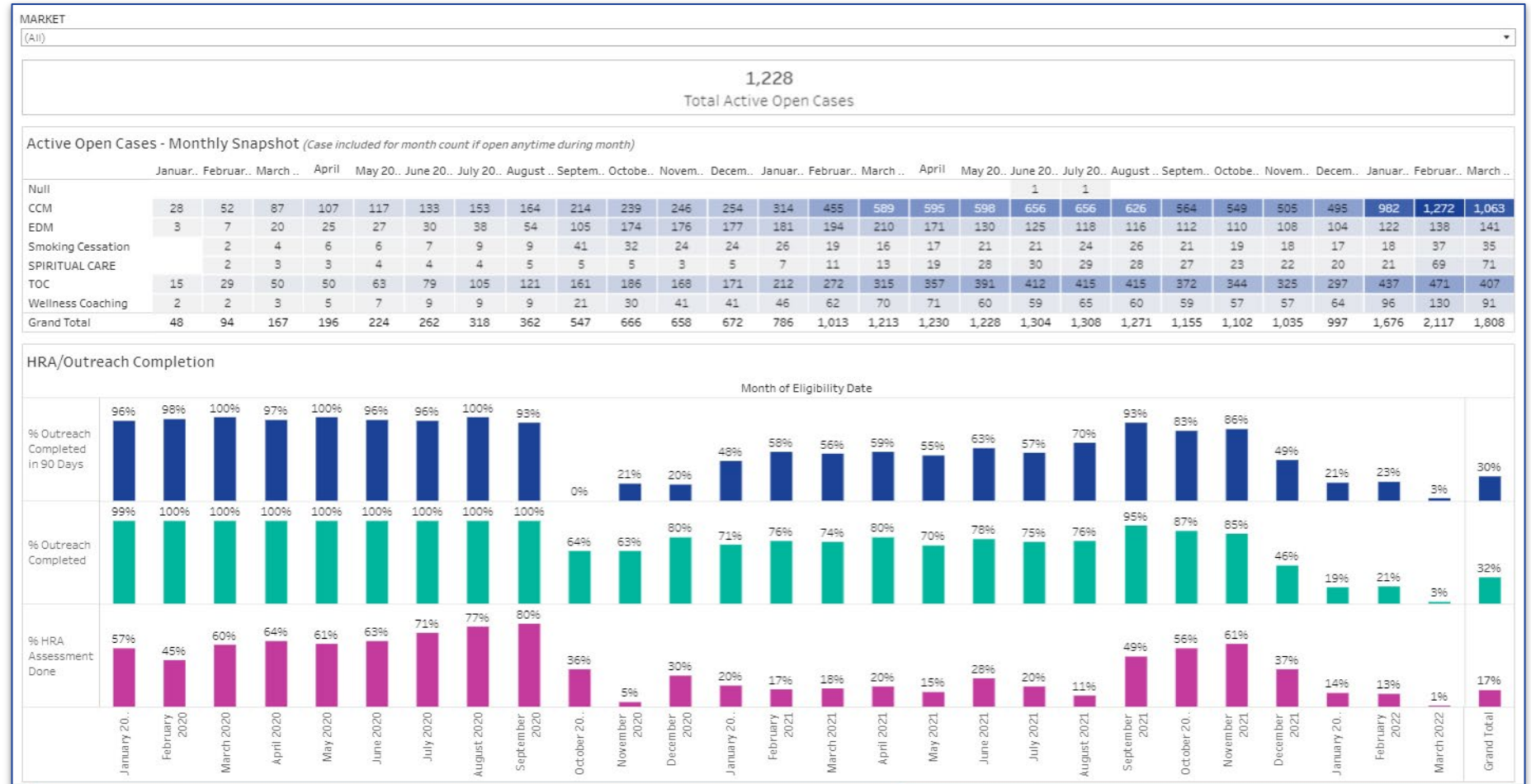
- General Demographics
- Members Active in a Care Plan
- Completed Care Plans
- Disenrollment
- Patient Survey Results
- TOC vs. Registry Engagement



Care Management - Program Trends

Detailed program review

- CCM
- EDM
- Smoking Cessation
- Spiritual Care
- HRA Completion
- TOC
- Wellness Coaching



Thank You

