

Patient Care Analytics Report: An In-depth Analysis

Welcome to our meticulously crafted Patient Care Analytics Dashboard, where we commence on a profound exploration of the healthcare landscape spanning from 2019 to 2020. This project is meticulously designed to provide an insightful analysis of key facets within the U.S. healthcare system. Unfolding as a narrative, each page of this dashboard reveals a different chapter, offering profound insights and valuable learnings within the intricate world of U.S. healthcare. Join me on this journey into the heartbeat of healthcare, where every word is carefully chosen to provide a meaningful exploration of the evolving landscape from 2019 to 2020.

1. Executive Summary:

Begin your journey with a high-level overview of pivotal trends and metrics that have shaped the U.S. healthcare landscape during the years 2019 to 2020. This section provides a snapshot of the overarching insights derived from our comprehensive analysis.

2. Care Network Insights:

Dive into a thorough examination of healthcare institutions, scrutinizing performance metrics, patient outcomes, and operational efficiency. Discover patterns that can guide strategic decision-making for healthcare providers.

3. Patient Trends:

Explore patient-centric data to unravel demographic trends, treatment effectiveness, and overall patient experience. This section aims to enhance the understanding of healthcare delivery from the perspective of those receiving care.

4. Payer-Provider Analysis:

Delve into the intricate dynamics between payers and healthcare providers. Analyze financial interactions, reimbursement trends, and collaborative opportunities for a nuanced perspective on the industry.

5. Expenditure Analysis:

Obtain a comprehensive snapshot of monthly expenses across various facets of the healthcare system. Identify areas for optimization and efficiency.



Patient Care Analytics Report

12.9M

Total Expenses

7.5M

Insurance Revenue

1.5M

Patient Revenue

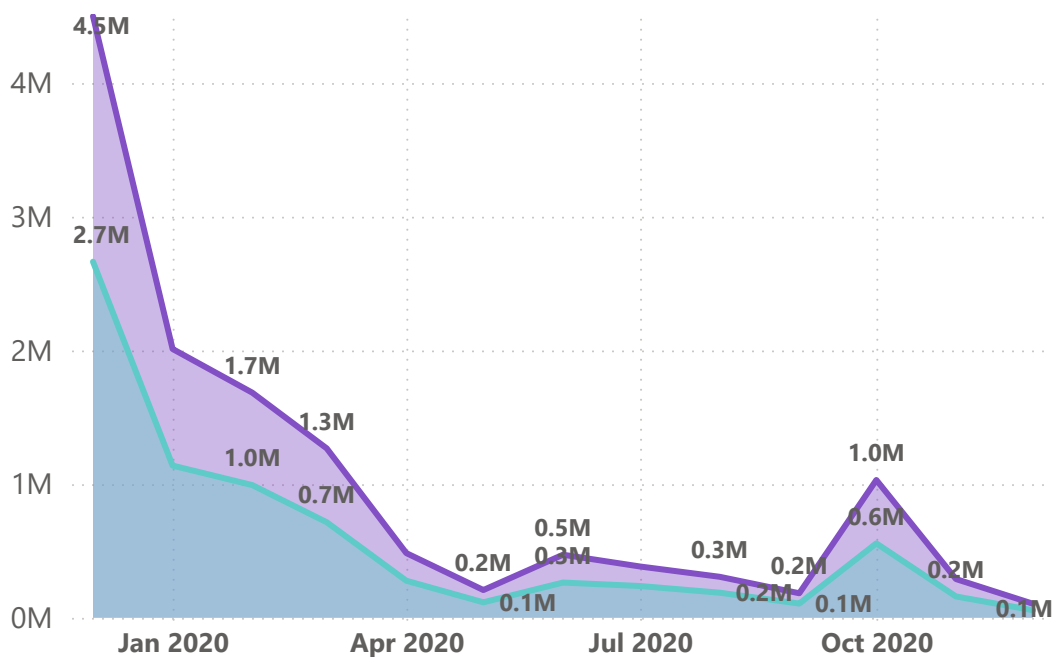
5018

Total Patients

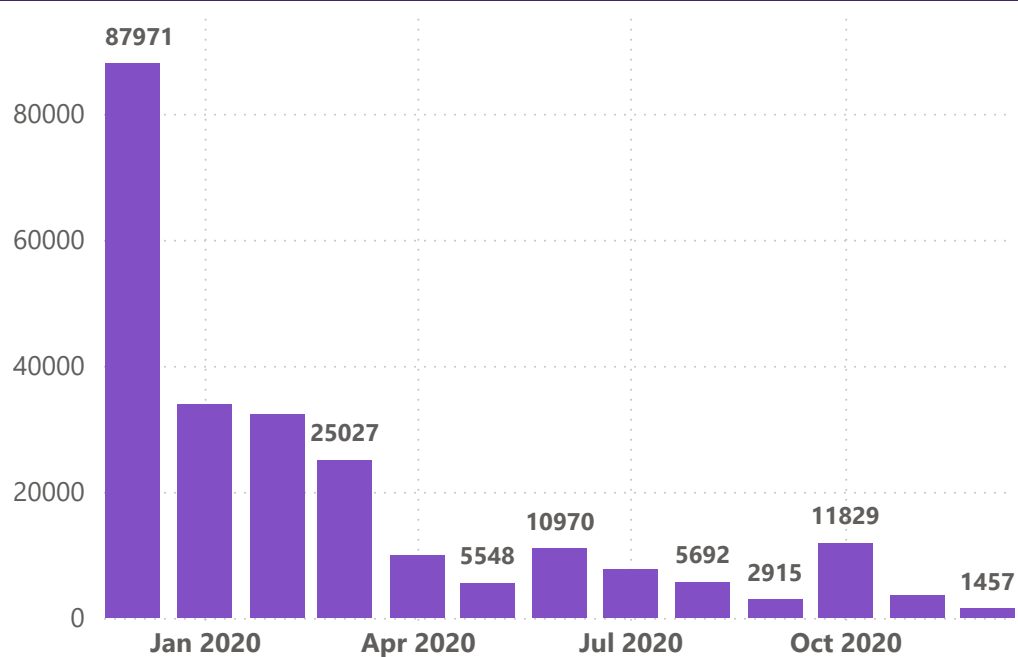
9.0M

Total Payment

Monthly Expenses Trend Analysis



CPT Units Monthly Distribution



Monthly Patient Revenue

13.9K!

Goal: 201.2K (-93.08%)

Monthly Net Revenue

70.4K!

Goal: 201.2K (-65.01%)

Monthly Procedure Volume

1457!

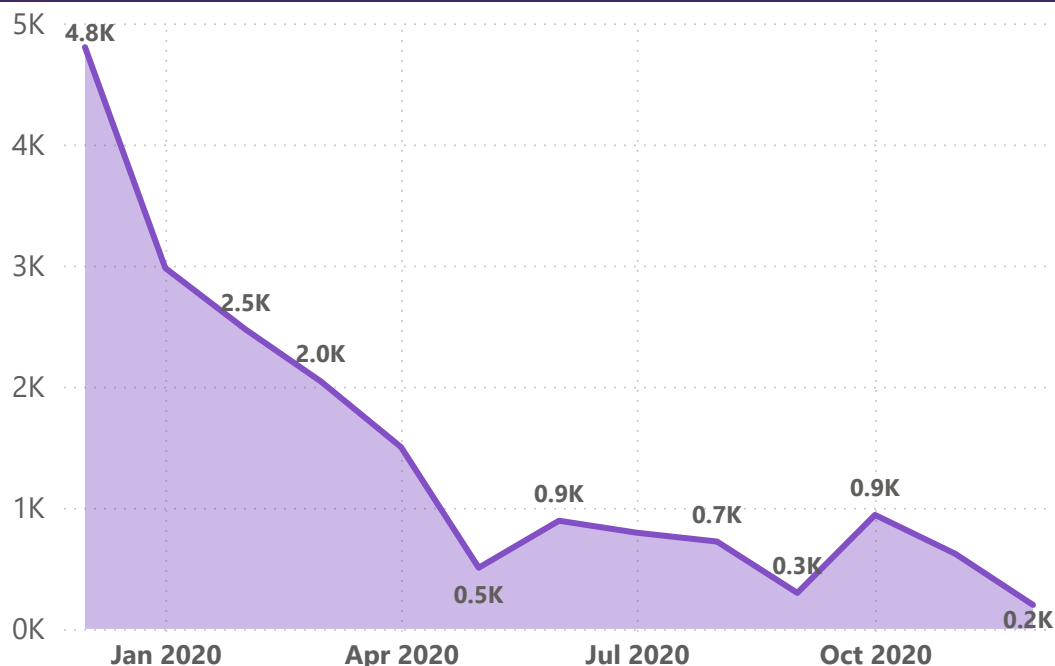
Goal: 201,153 (-99.28%)

Monthly Insurance Revenue

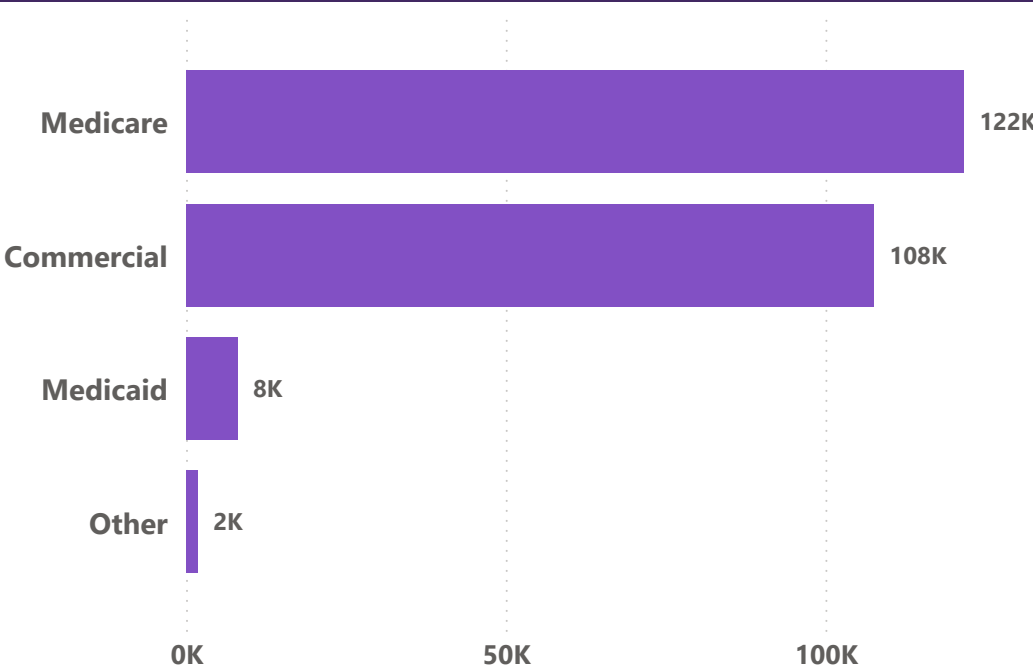
56.5K!

Goal: 201.2K (-71.93%)

Patient Growth Over Time



Payer-wise CPT Units



Yearly Avg. Patient Payment Trend

19.44!

Goal: 8.89M (-100%)

Monthly Payment Performance

5.83M✓

Goal: 201.15K (+2796.28%)

Optimized Quarterly Expenditure

5.92M✓

Goal: 1.03M (+473.84%)

Deficit Reduction Efficiency - Monthly

1.40M✓

Goal: 201.15K (+594.51%)

EXECUTIVE SUMMARY



Care Network Performance Tracker

4.0M

Account Receivable

11

Hospital Count

239K

Procedure Count (CPT Units)

10

CPT Grouping

Hospital

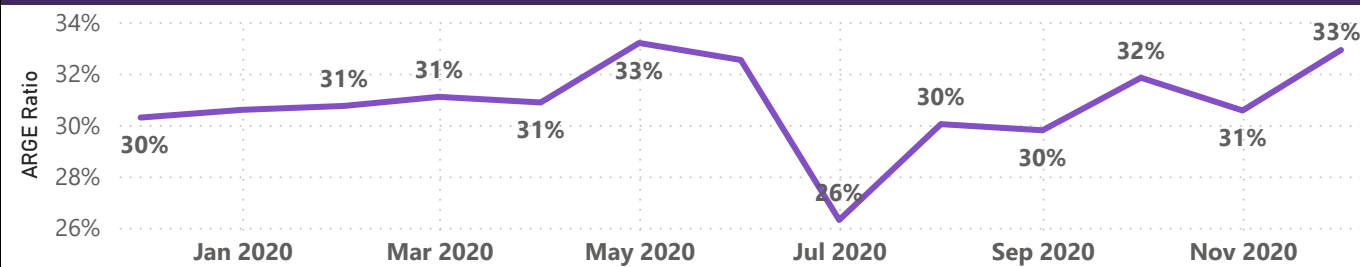
- ☐ Angelstone ...
- ☐ Big Heart Co...
- ☐ Evergreen Cli...
- ☐ Fairmont Ho...
- ☐ Fairview Gen...
- ☐ Genesis Hos...
- ☐ Guardian Me...
- ☐ Memorial M...
- ☐ Pioneer Clinic
- ☐ Principal Me...
- ☐ Twin Mounta...

Region

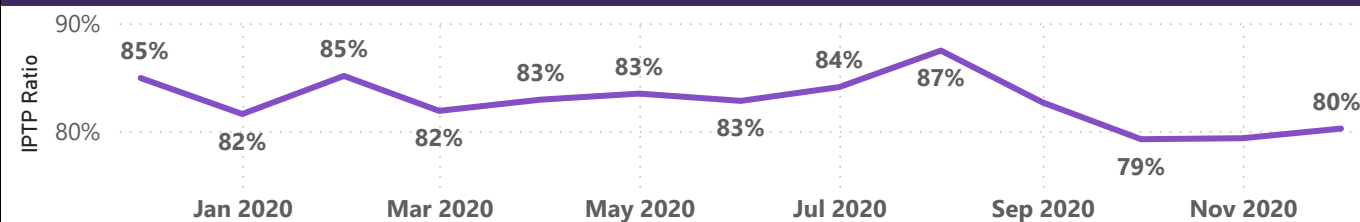
- ☐ (Blank)
- ☐ Midwest
- ☐ Northeast
- ☐ South
- ☐ West

This slicer allows you to dynamically filter data, providing insights tailored to specific geographical areas.

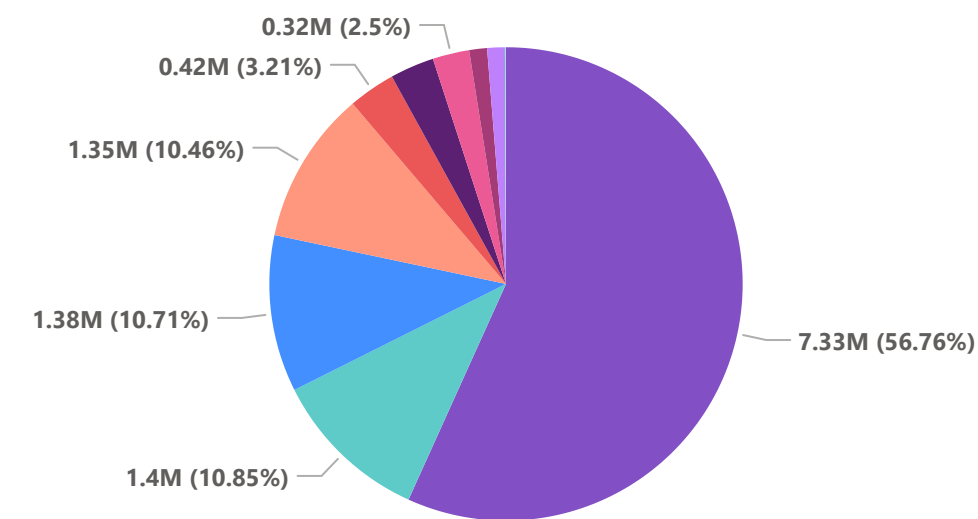
Monthly ARGE Ratio Trend



Monthly IPTP Ratio Trend



Gross Expenses by CptGrouping

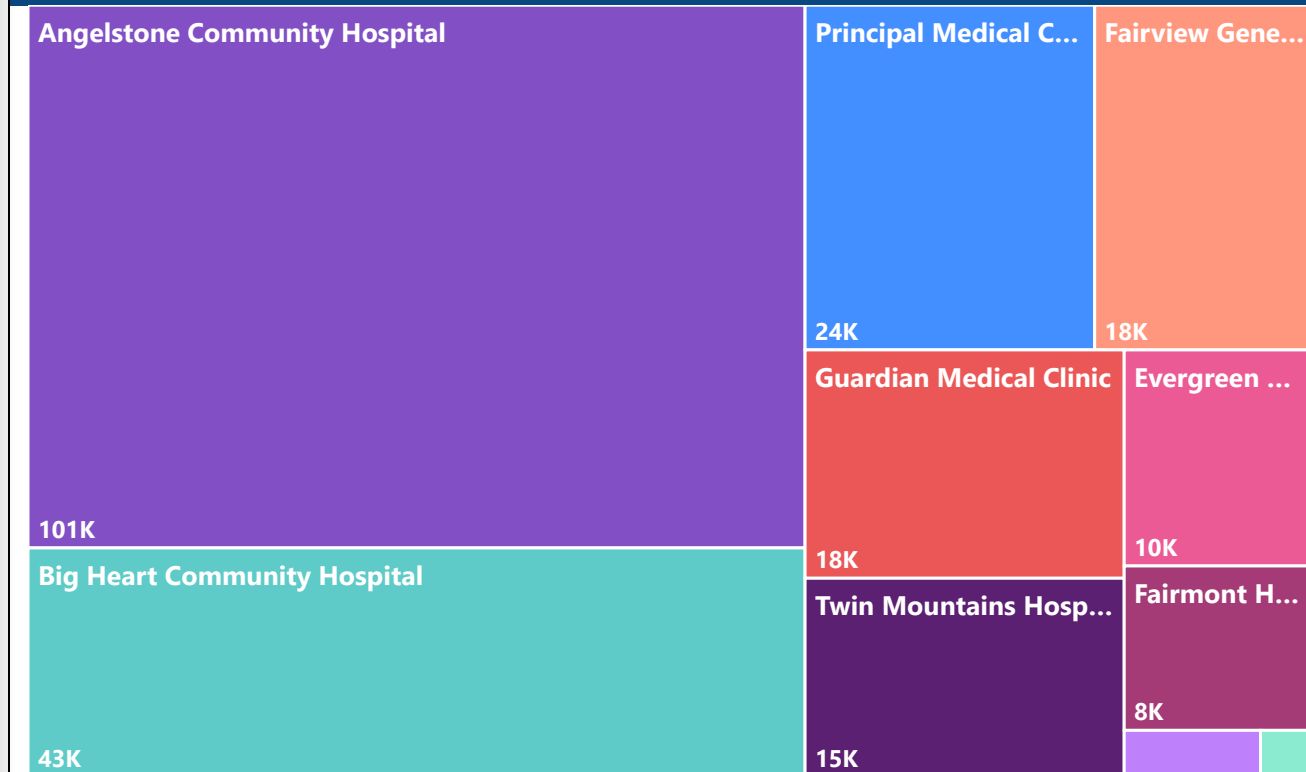


Critical Care Network Metrics Overview

Table presenting critical metrics for hospitals requiring attention.

Care Networks	AR	IPTP Ratio	ARGE Ratio	BadDebts
Angelstone Community Hospital	● 1,702,955.85	83%	31%	1,514.62
Big Heart Community Hospital	▲ 774,821.62	85%	30%	
Evergreen Clinic	◆ 229,604.68	83%	31%	1,439.00
Fairmont Hospital Center	◆ 76,661.50	84%	28%	
Fairview General Hospital	◆ 264,735.91	83%	31%	
Genesis Hospital Center	◆ 360.50	90%	19%	
Guardian Medical Clinic	◆ 346,597.72	82%	31%	
Memorial Medical Center	◆ 23,188.70	80%	28%	
Pioneer Clinic	◆ 13,816.68	84%	30%	
Principal Medical Clinic	◆ 365,091.31	82%	30%	
Total	3,959,259.70	83%	31%	2,968.48

CPT Units Distribution by Care Network



CARE NETWORK INSIGHTS



Patient Demographics & Outcome Trends

5099

Distinct Patients

83.8K

Total Patients Enrolled

47

Total States

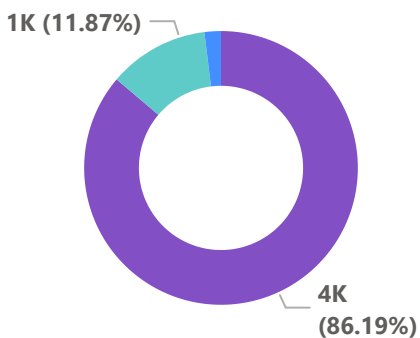
524

Total Cities

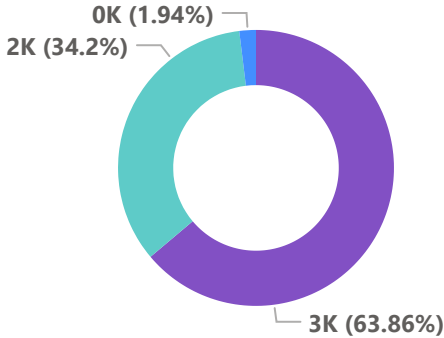
44

Average Patient Age

Patient by Tobacco

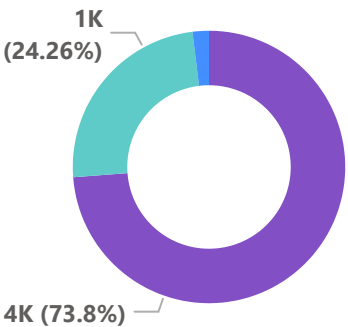


Patient By Exercise

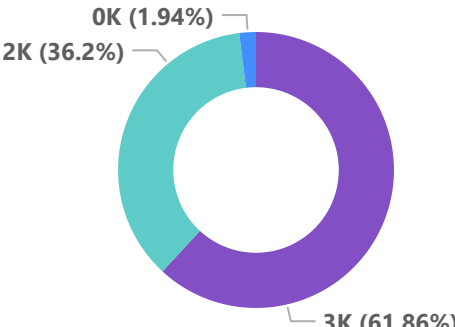


Distribution of Patient by State

Patient by Diet



Patient by Alcohol



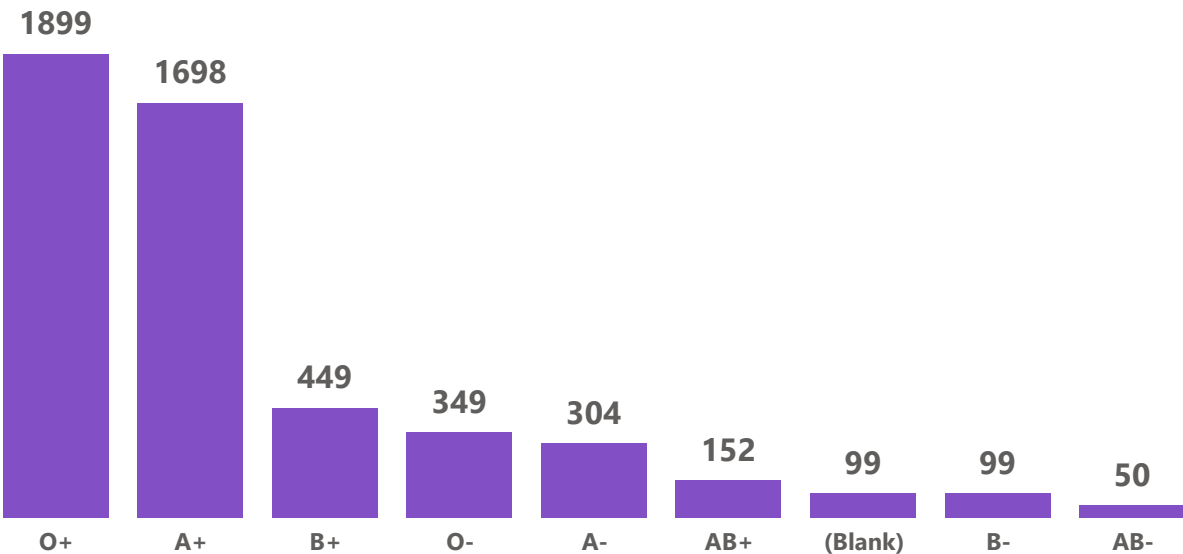
Gender

(Blank)	Female	Male
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Region

(Blank)	South
Midwest	West
Northeast	

Distinct Patients by BloodGroup



Patient Gender Distribution by State

State		Female	Male
	99		
Arizona		47	43
Arkansas		39	34
California		396	289
Colorado		67	67
Connecticut		46	38
Total	99	2939	2061

Blood Group

(Blank)	AB-	B+
A-	AB+	O-
A+	B-	O+

PATIENT ANALYSIS



Healthcare Provider Metrics

931

Distinct Provider

712

Total FTE Employees

34

Specialty Provider Count

524

City Count

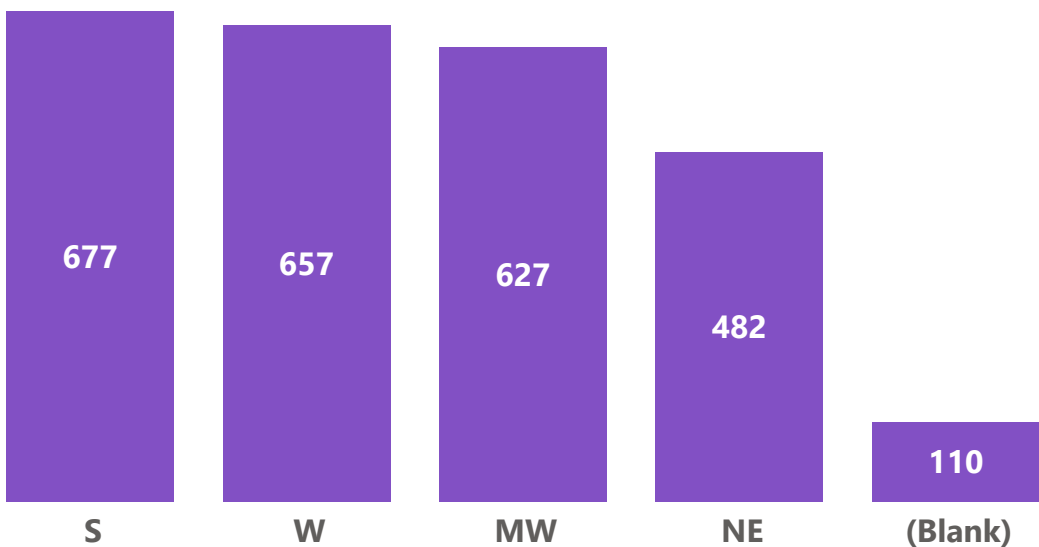
Gender

(Blank)

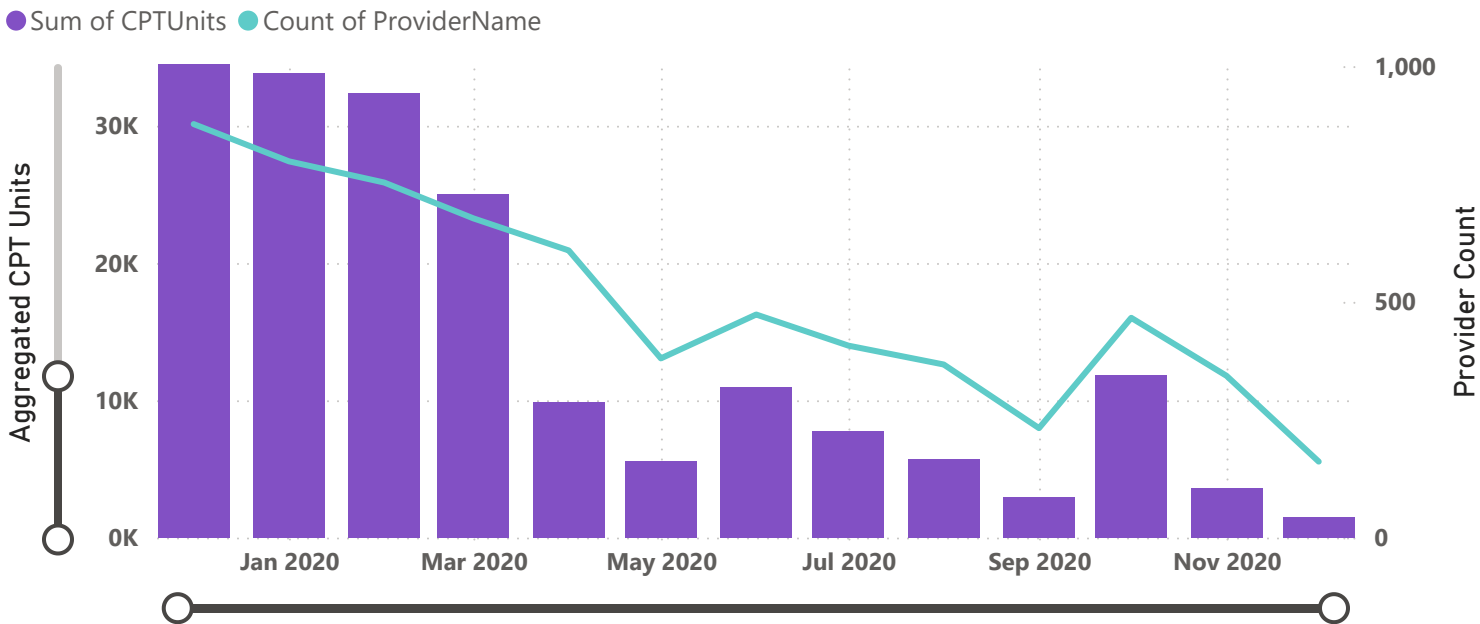
Female

Male

Regional Physician Count Analysis



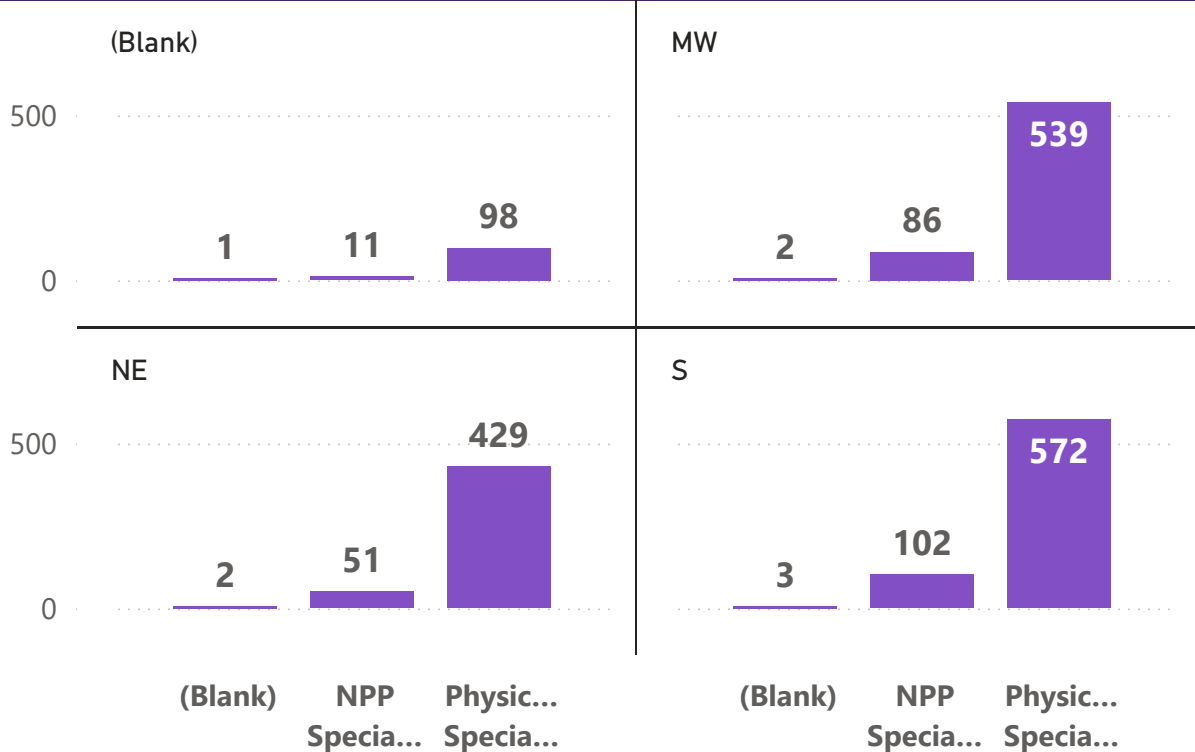
Monthly Provider Activity Overview and CPT Units



Blood Group

- ☐ (Blank)
- ☐ A-
- ☐ A+
- ☐ AB-
- ☐ AB+
- ☐ B-
- ☐ B+
- ☐ O-
- ☐ O+

Regional Breakdown of Provider Specialties



Holistic Provider Performance Matrix

SpecialityType	Count of Providers	Sum of CPTUnits	Sum of ProviderFTE
Physician Specialty	742	216135	558.03
Internal Medicine	224	75445	170.05
Family Medicine	120	39981	94.52
Diagnostic Radiology	97	42340	77.94
Pediatrics	59	11750	45.56
Obstetrics & Gynecology	45	8138	33.88
Emergency Medicine	40	11828	36.30
Pathology	34	6211	21.81
Surgery	23	2915	18.38
Psychiatry & Neurology	17	2450	11.27
Psychologist	17	1087	5.05
Orthopaedic Surgery	15	2255	8.82
Total	931	238919	711.74

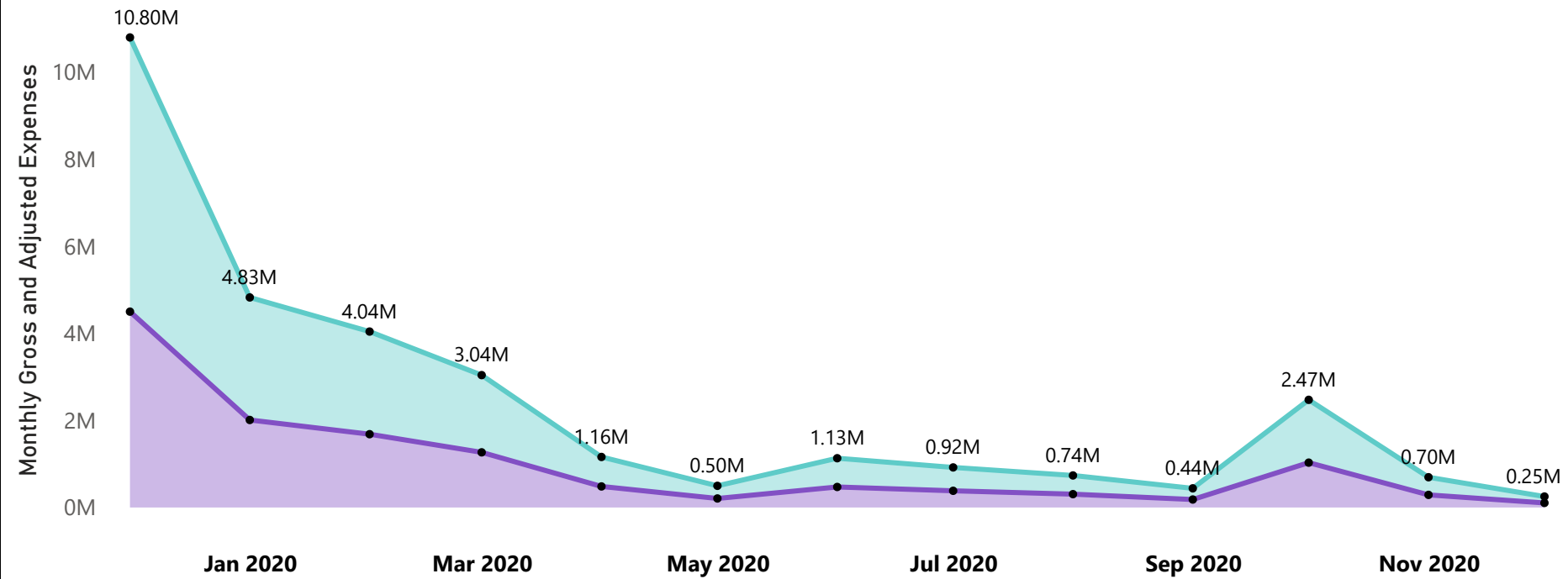
Region Code

- ☒ (Blank)
- ☒ MW
- ☒ NE
- ☒ S

PAYER-PROVIDER ANALYSIS

Monthly Expenditure: Gross and Adjusted

● Sum of Gross Expenses ● Adjustedgrossexpense



Adjustment factor (%)

0.40

