

U.S. Healthcare Dynamics: An In-depth Analysis (2019-2020)

Welcome to our meticulously crafted U.S. Healthcare 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. Hospital Analysis:

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 Analysis:

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. Monthly Expenses Overview:

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



U.S. Healthcare Dynamics: 2019-2020

EXECUTIVE SUMMARY

13.0M

Total Expenses

7.5M

Insurance Revenue

1.5M

Patient Revenue

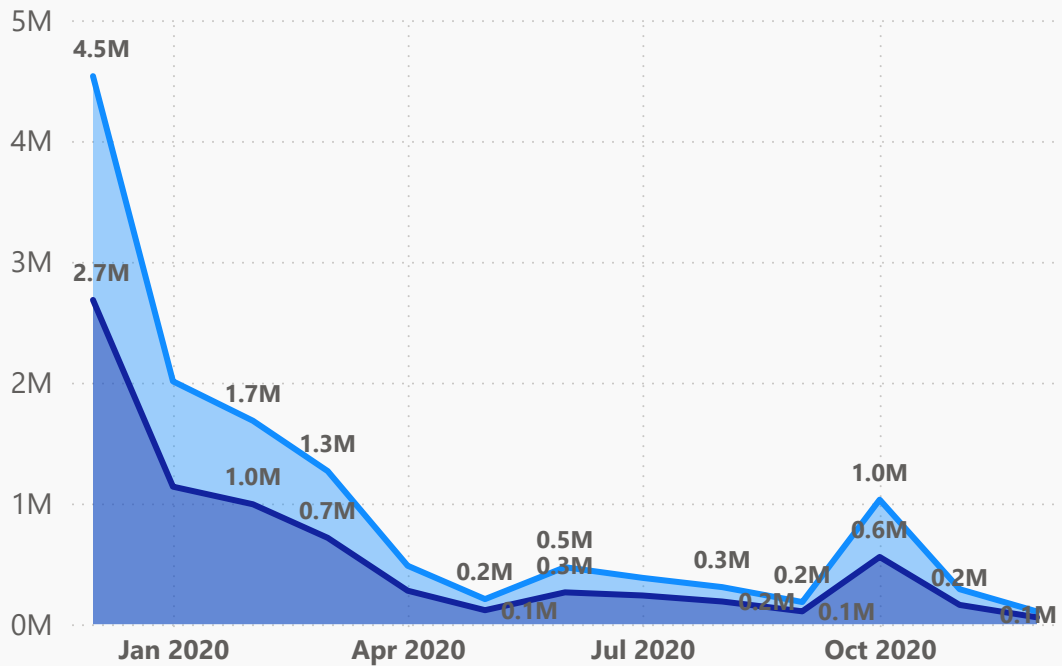
5117

Total Patients

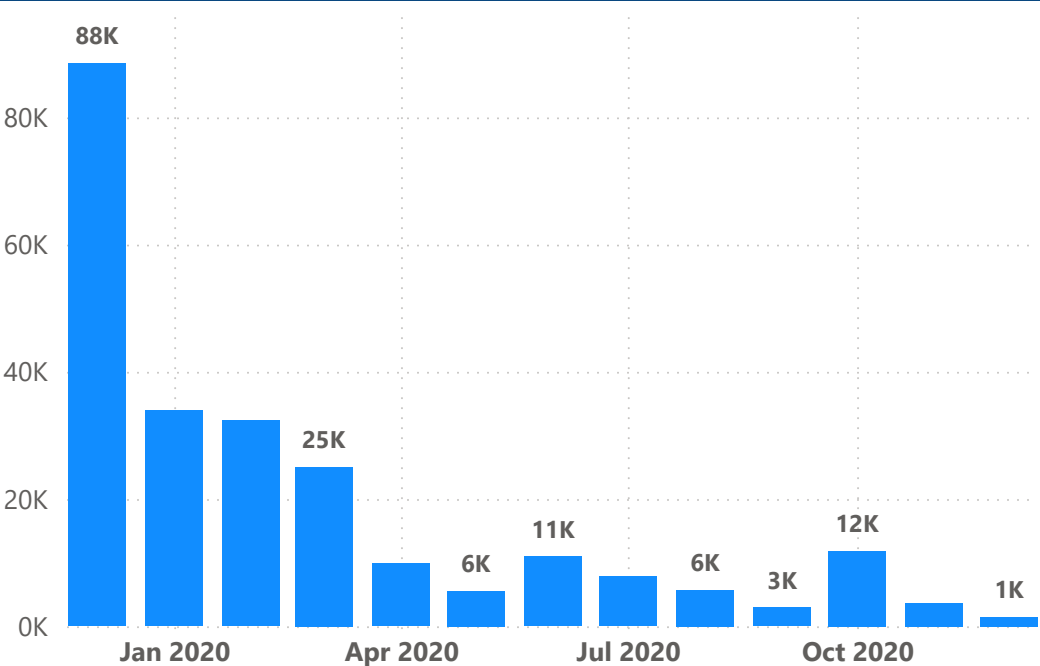
9.0M

Total Payment

Monthly Expenses Trends



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!

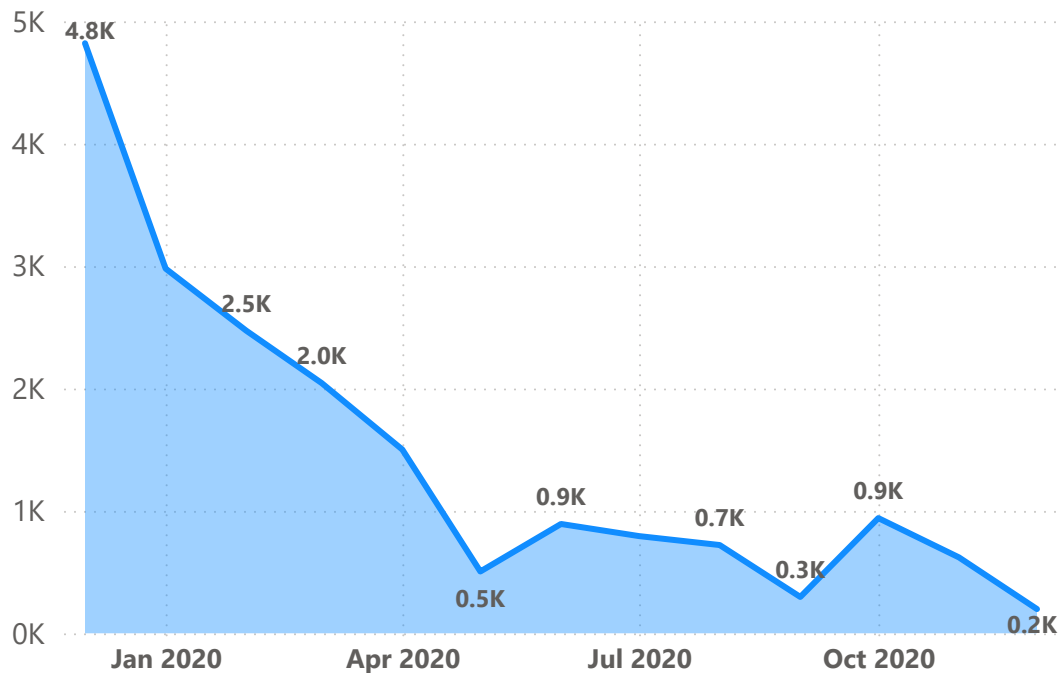
Goal: 201,153 (-99.28%)

Monthly Insurance Revenue

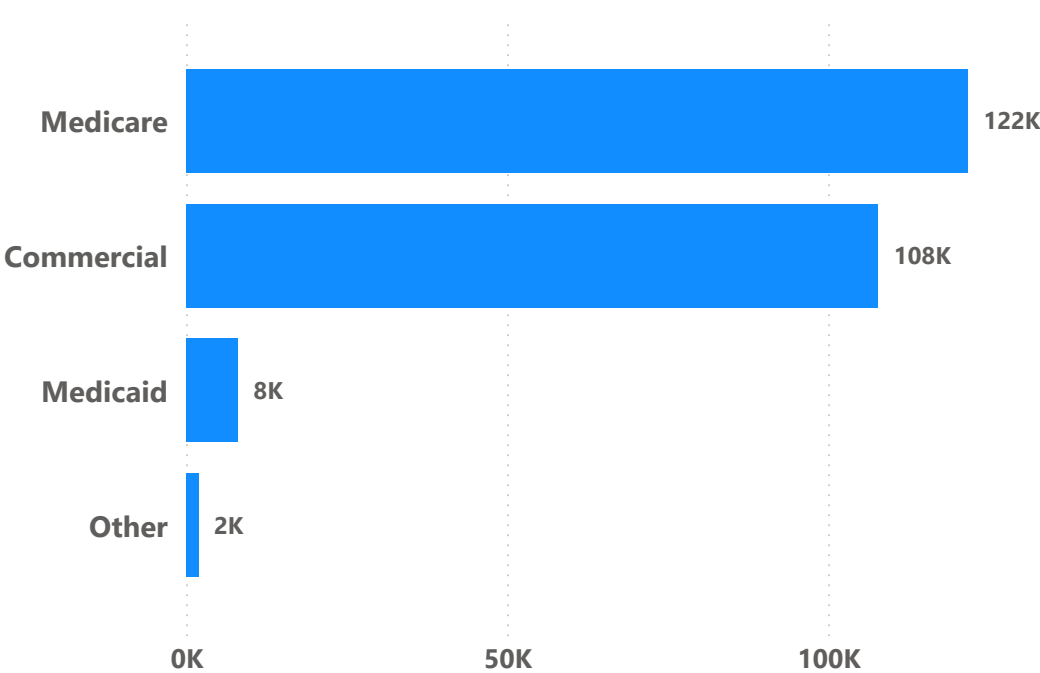
56.5K!

Goal: 201.2K (-71.93%)

Patient Growth Over Time



Payer-wise CPT Units



Yearly Avg. Patient Payment Trend

19.44!

Goal: 8.92M (-100%)

Monthly Payment Performance

5.83M✓

Goal: 201.15K (+2796.28%)

Optimized Quarterly Expenditure

5.96M✓

Goal: 1.03M (+477.44%)

Deficit Reduction Efficiency - Monthly

1.41M✓

Goal: 201.15K (+600.75%)



Hospital Performance Overview

4.0M

Account Receivable

11

Hospital Count

239K

Procedure Count (CPT Units)

10

CPT Grouping

Hospital

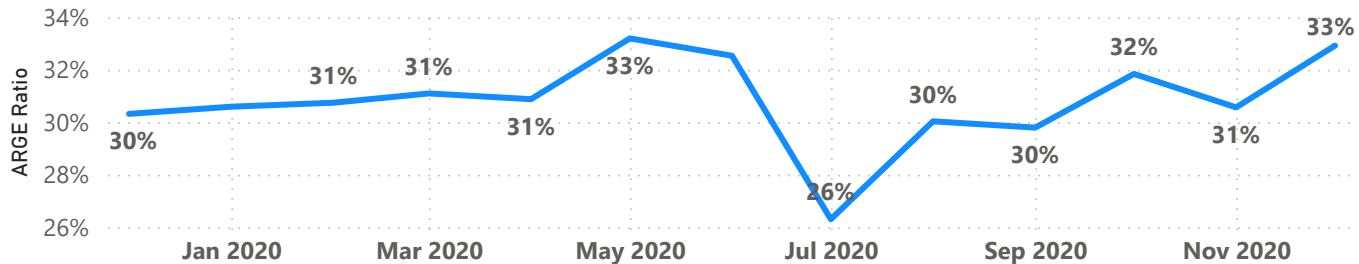
- ☐ Angelstone ...
- ☐ Big Heart Co...
- ☐ Evergreen Cli...
- ☐ Fairmont Ho...
- ☐ Fairview Gen...
- ☐ Genesis Hos...
- ☐ Guardian Me...
- ☐ Memorial M...
- ☐ Pioneer Clinic
- ☐ Principal Me...
- ☐ Twin Mounta...

Region

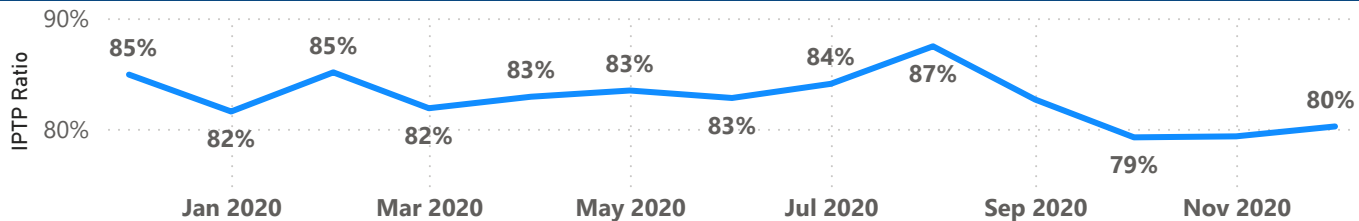
- ☐ Midwest
- ☐ Northeast
- ☐ South
- ☐ West

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

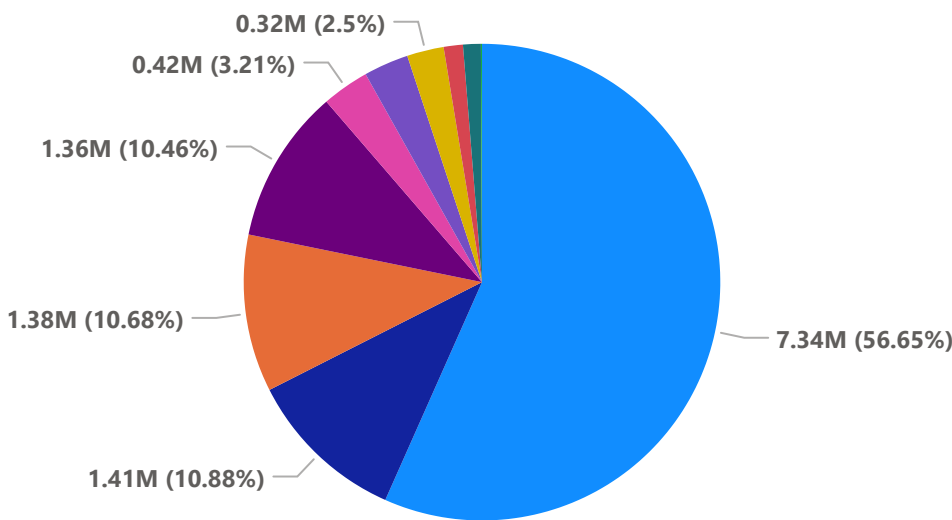
Monthly ARGE Ratio Trend



Monthly IPTP Ratio Trend



Gross Expenses by CptGrouping

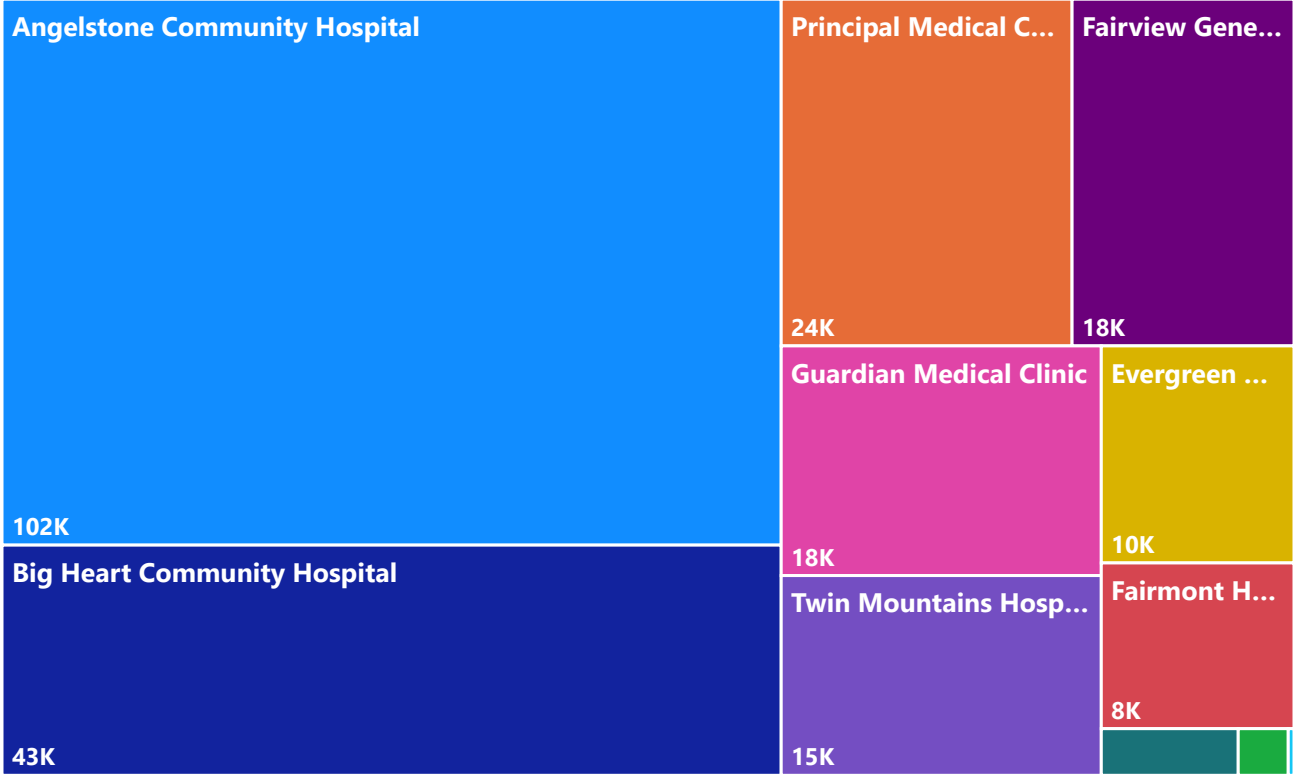


Critical Hospital Metrics Overview

Table presenting critical metrics for hospitals requiring attention.

| HospitalName | AR | IPTP Ratio | ARGE Ratio | BadDebts |
|-------------------------------|-------------------------------------|------------|----------------------------|----------|
| Angelstone Community Hospital | <div><div></div></div> 1,707,407.24 | 83% | <div><div></div></div> 31% | 1,514.62 |
| Big Heart Community Hospital | <div><div></div></div> 777,247.26 | 85% | <div><div></div></div> 30% | |
| Evergreen Clinic | <div><div></div></div> 230,188.85 | 83% | <div><div></div></div> 31% | 1,439.00 |
| Fairmont Hospital Center | <div><div></div></div> 78,005.78 | 84% | <div><div></div></div> 29% | |
| Fairview General Hospital | <div><div></div></div> 266,246.44 | 83% | <div><div></div></div> 31% | |
| Genesis Hospital Center | <div><div></div></div> 360.50 | 90% | <div><div></div></div> 19% | |
| Guardian Medical Clinic | <div><div></div></div> 347,571.56 | 82% | <div><div></div></div> 31% | |
| Memorial Medical Center | <div><div></div></div> 23,188.70 | 80% | <div><div></div></div> 28% | |
| Pioneer Clinic | <div><div></div></div> 13,816.68 | 84% | <div><div></div></div> 30% | |
| Principal Medical Clinic | <div><div></div></div> 365,812.95 | 82% | <div><div></div></div> 30% | |
| Total | 3,971,801.76 | 83% | 31% | 2,968.48 |

CPT Units Distribution by Hospital





Patient Outcome Analysis

5117

Distinct Patients

84.0K

Total Patients Enrolled

49

Total States

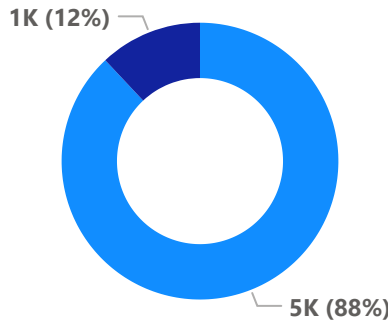
531

Total Cities

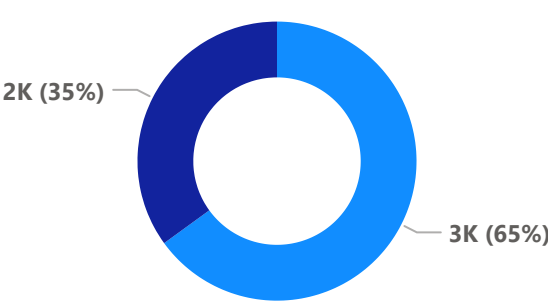
44

Average Patient Age

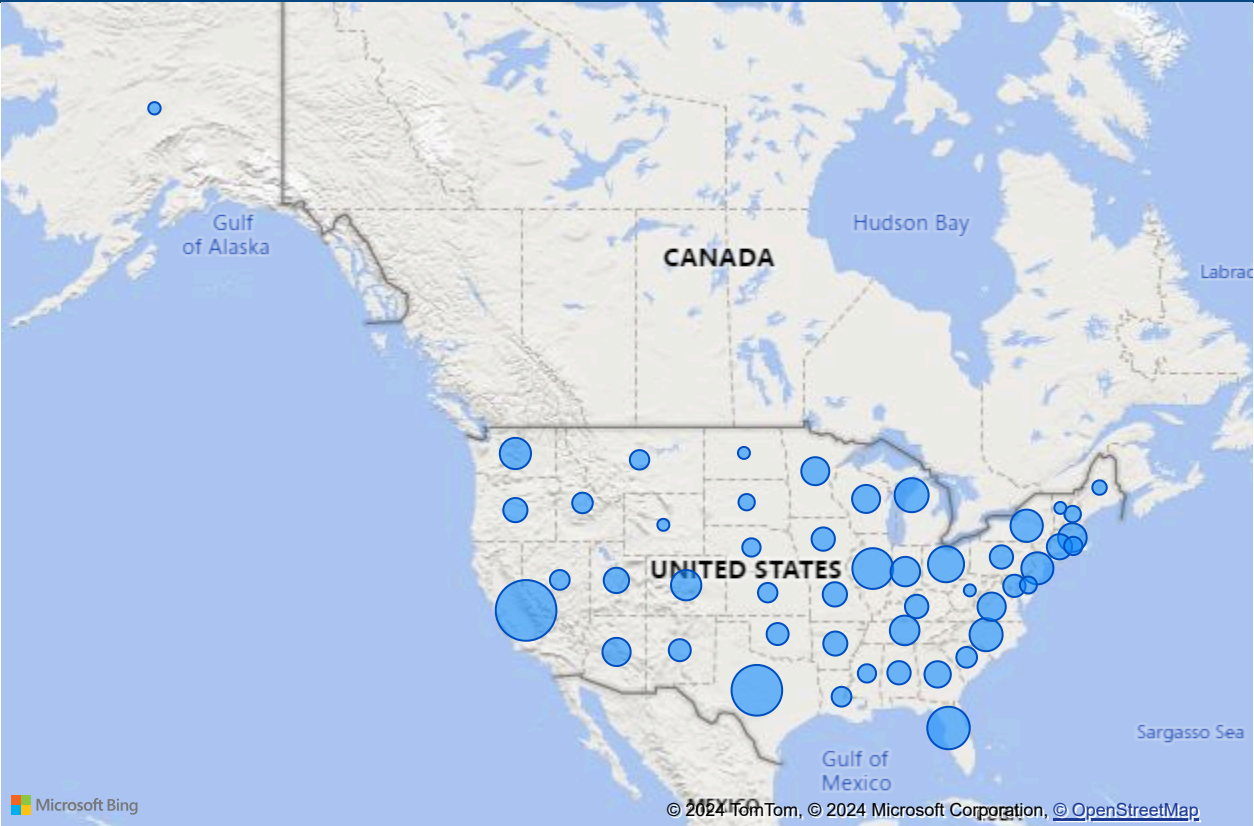
Patient by Tobacco



Patient By Exercise



Distribution of Patient by State



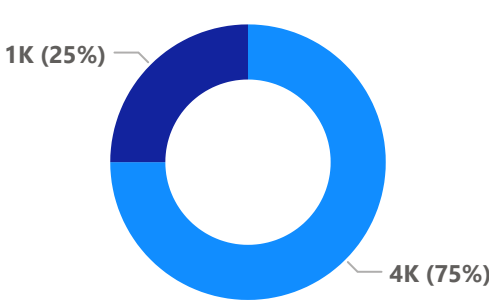
Gender



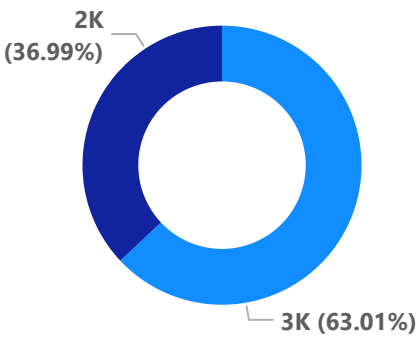
Region



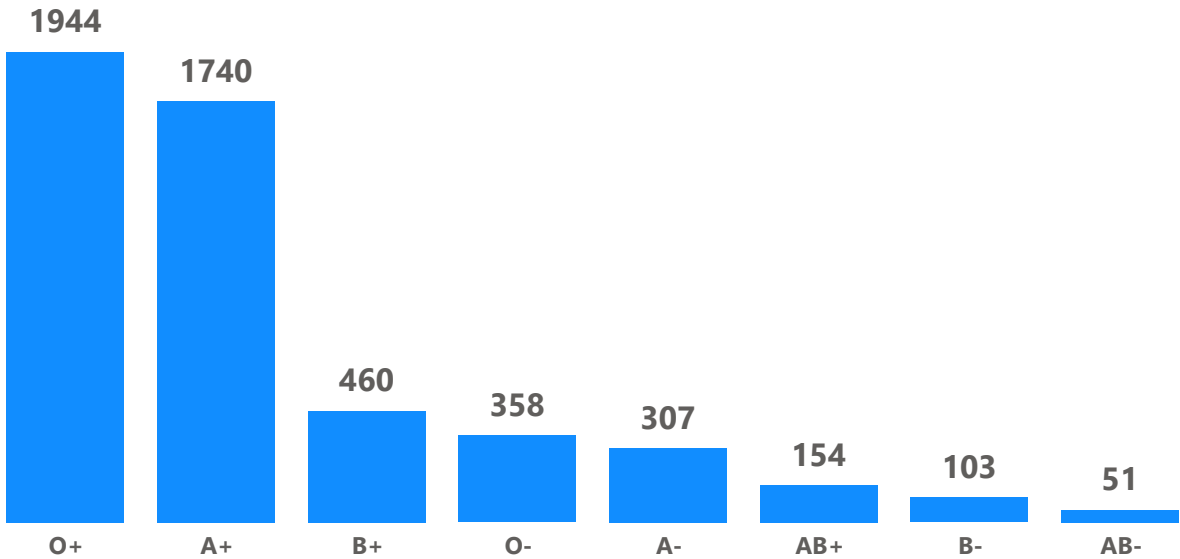
Patient by Diet



Patient by Alcohol



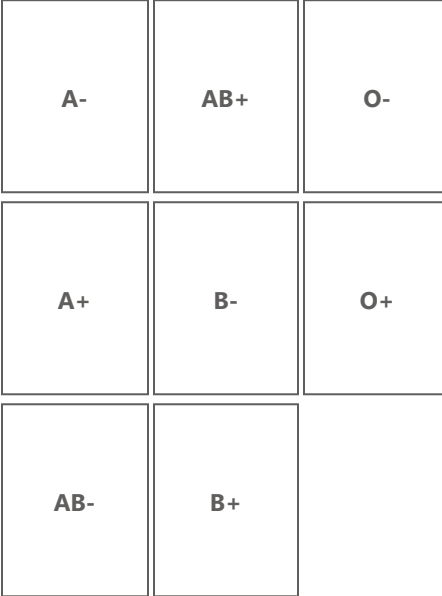
Distinct Patients by BloodGroup



Patient Gender Distribution by State

| State | Female | Male |
|-------------|--------|------|
| Alabama | 34 | 34 |
| Alaska | 7 | 2 |
| Arizona | 60 | 52 |
| Arkansas | 39 | 35 |
| California | 396 | 289 |
| Colorado | 67 | 68 |
| Connecticut | 46 | 38 |
| Total | 3006 | 2111 |

Blood Group



PATIENT ANALYSIS



Healthcare Provider Metrics

931

Distinct Provider

712

Total FTE Employees

34

Specialty Provider Count

531

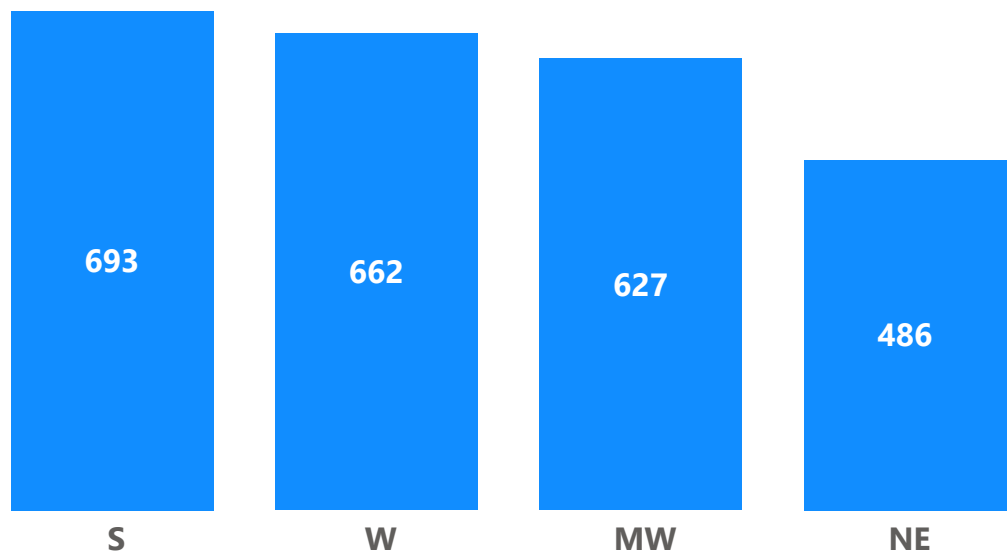
City Count

Gender

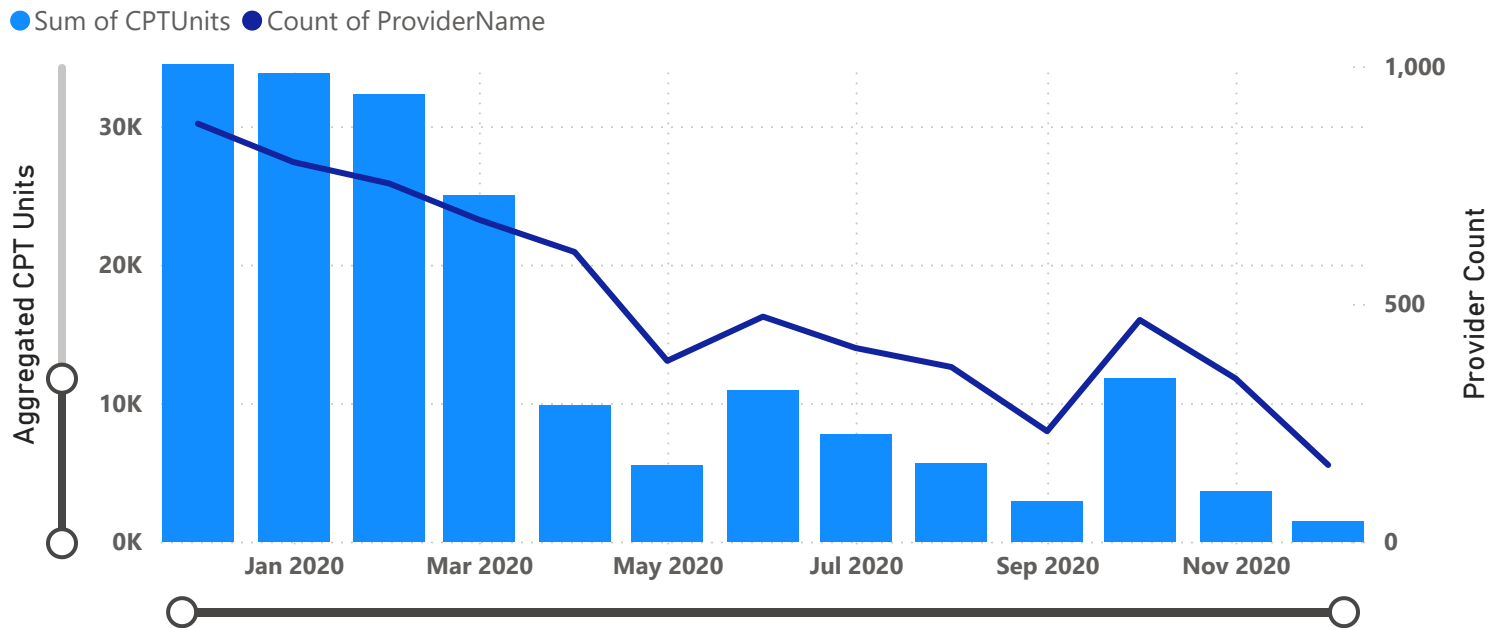
Female

Male

Regional Physician Count Analysis



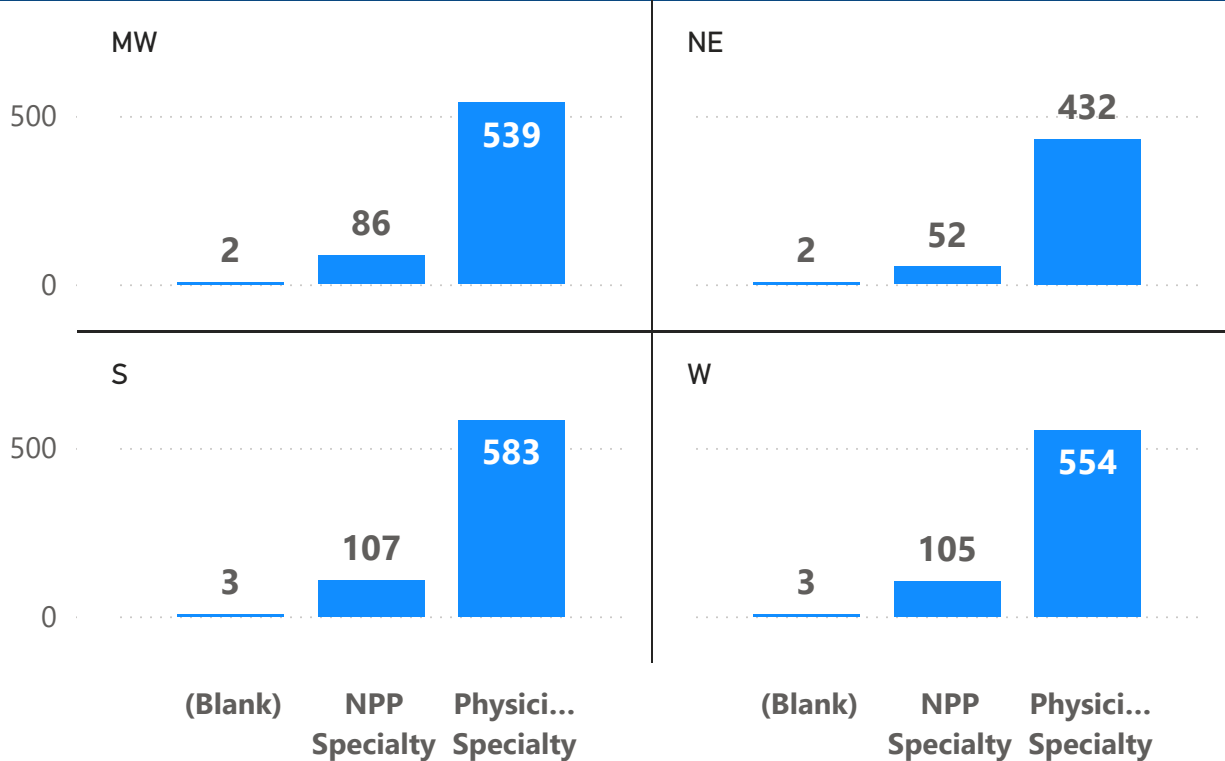
Monthly Provider Activity Overview and CPT Units



Blood Group

- ☐ A-
- ☐ A+
- ☐ AB-
- ☐ AB+
- ☐ B-
- ☐ B+
- ☐ O-
- ☐ O+

Regional Breakdown of Provider Specialties



Holistic Provider Performance Matrix

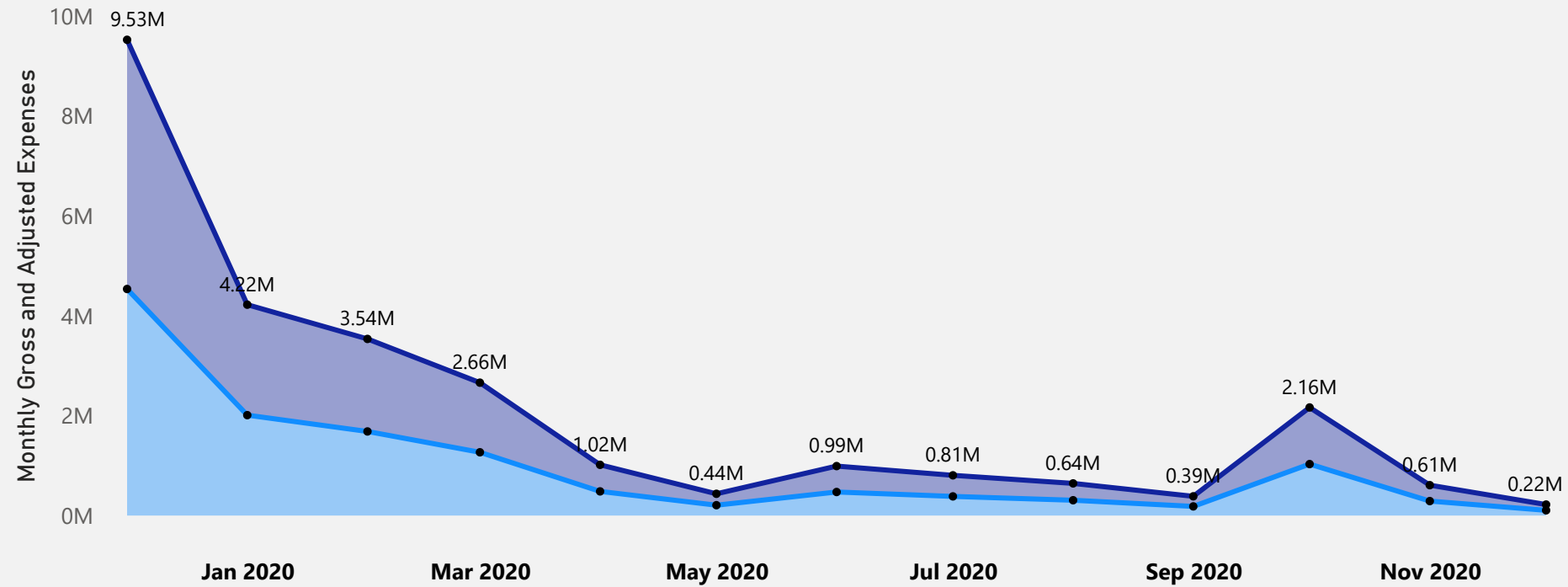
| SpecialityType | Count of Providers | Sum of CPTUnits | Sum of ProviderFTE |
|-------------------------|--------------------|-----------------|--------------------|
| Physician Specialty | 742 | 216642 | 558.03 |
| Internal Medicine | 224 | 75510 | 170.05 |
| Family Medicine | 120 | 40111 | 94.52 |
| Diagnostic Radiology | 97 | 42534 | 77.94 |
| Pediatrics | 59 | 11756 | 45.56 |
| Obstetrics & Gynecology | 45 | 8181 | 33.88 |
| Emergency Medicine | 40 | 11828 | 36.30 |
| Pathology | 34 | 6211 | 21.81 |
| Surgery | 23 | 2940 | 18.38 |
| Psychiatry & Neurology | 17 | 2452 | 11.27 |
| Psychologist | 17 | 1087 | 5.05 |
| Orthopedic Surgeon | 15 | 2262 | 6.22 |
| Total | 931 | 239445 | 711.74 |

Region Code

- ☒ MW
- ☒ NE
- ☒ S
- ☒ W

Monthly Aggregate Expenses: Gross and Adjusted

● Sum of Gross Expenses ● Adjustedgrossexpense



Adjustment factor (%)

0.10

