

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. health care. 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, fostering informed financial management within the industry.

Purpose of the Analysis:

This data analysis project, titled "U.S. Healthcare Dynamics," is driven by the goal of providing valuable insights to healthcare stakeholders. By deciphering complex trends and patterns, the objective is to empower decision-makers, healthcare professionals, and policymakers to make informed choices that enhance the overall efficiency and effectiveness of the U.S. healthcare system.

Thank you for joining me on this insightful journey. Your active engagement with these findings is instrumental in shaping the future of healthcare. Together, we're not just analyzing data; we're fostering a collective understanding that will influence meaningful change. Your thoughtful consideration and involvement humanize the impact of these insights, contributing to a healthcare landscape that prioritizes efficiency, compassion, and progress. I appreciate your commitment to this shared endeavor, as we navigate towards a healthier and more resilient future for all.

U.S. Healthcare Dynamics: 2019-2020

12.96M

Total Expenses

7M

Insurance Revenue

1.50M

Patient Revenue

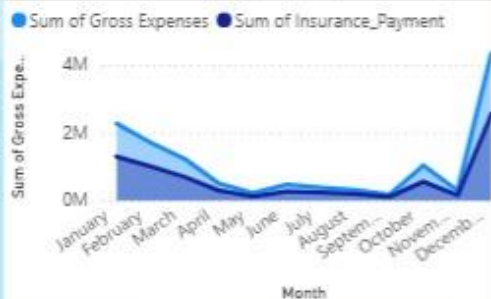
5117

Total Patient

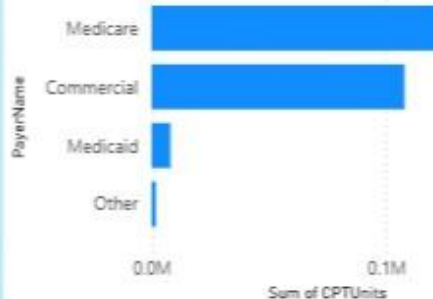
8.99M

Total Payment

Sum of Gross Expenses and Sum of Insurance_Payment by Month



Sum of CPTUnits by PayerName



Monthly Patient Revenue

13.93K!
Goal: 8.99M (-99.85%)

Monthly Net Revenue

8.99M✓
Goal: 8.99M (+0%)

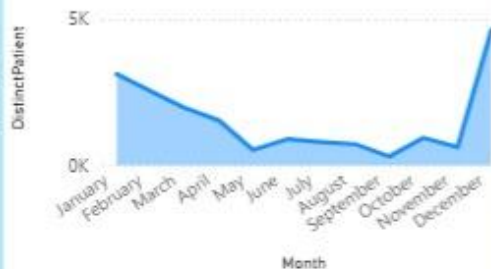
Monthly Procedure Volume

1457!
Goal: 8.99M (-99.98%)

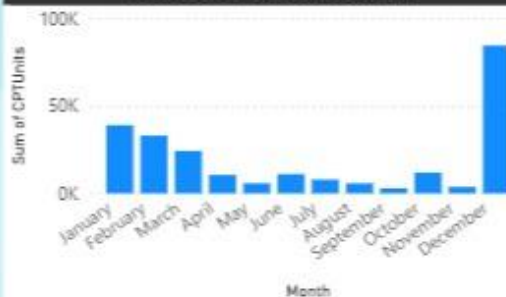
Monthly Insurance Revenue

106401!
Goal: 8.99M (-98.82%)

DistinctPatient by Month



Sum of CPTUnits by Month



Yearly Avg. Patient Payment Trend

19.24!
Goal: 8.99M (-100%)

Monthly Payment Performance

8.99M✓
Goal: 8.99M (+0%)

Optimized Yearly Expenditure

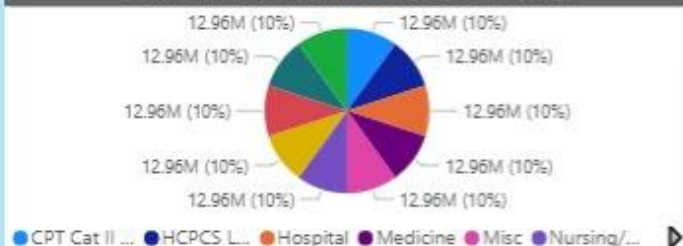
8.72M!
Goal: 8.99M (-3.03%)

Deficit Reduction Efficiency - Monthly

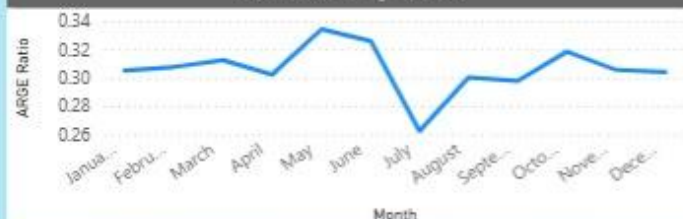
-3.88bn!
Goal: 8.99M
(-43,272.65%)

Hospital Performance Overview

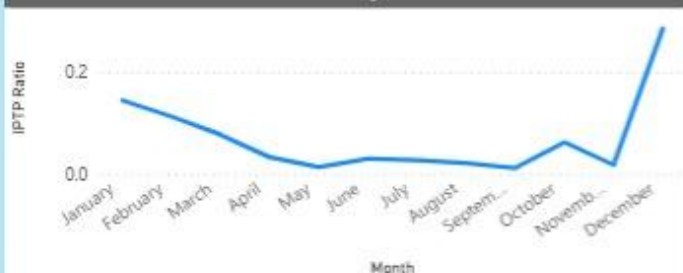
Sum of Gross Expenses by CptGrouping



ARGE Ratio by Month



IPTP Ratio by Month



Hospital Insights

3.97M

Account Receivable

239K

Procedure Cou...

11

Hospital Count

10

CptGrouping

Sum of CPTUnits by Hospital name



Hospital name	ARGE Ratio	BadDebts	IPTP Ratio	Sum of AR
Twin Mountains Hospital	0.31	2,968.48	20.75	39,71,844.01
Principal Medical Clinic	0.31	2,968.48	8.93	39,71,844.01
Pioneer Clinic	0.31	2,968.48	229.51	39,71,844.01
Memorial Medical Center	0.31	2,968.48	128.36	39,71,844.01
Guardian Medical Clinic	0.31	2,968.48	9.66	39,71,844.01
Genesis Hospital Center	0.31	2,968.48	4,749.59	39,71,844.01
Fairview General Hospital	0.31	2,968.48	12.90	39,71,844.01
Fairmont Hospital Center	0.31	2,968.48	28.37	39,71,844.01
Total	0.31	2,968.48	0.83	39,71,844.01

Hospital name

- ☐ Angelstone Co...
- ☐ Big Heart Com...
- ☐ Evergreen Clinic
- ☐ Fairmont Hospit...
- ☐ Fairview Genera...
- ☐ Genesis Hospita...
- ☐ Guardian Medic...
- ☐ Memorial Medi...
- ☐ Pioneer Clinic
- ☐ Principal Medic...
- ☐ Twin Mountains...

Region

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

Patient Outcome Analysis

5117

DistinctPatient

5117

TotalPatient

49

Count of State

531

Count of City

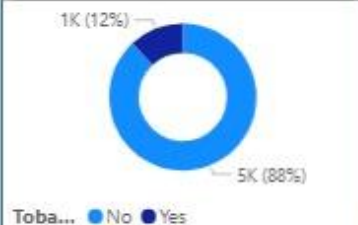
44.36

Average of PatientAge

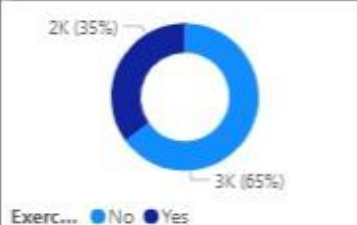
PatientGender

- ☐ Female
☐ Male

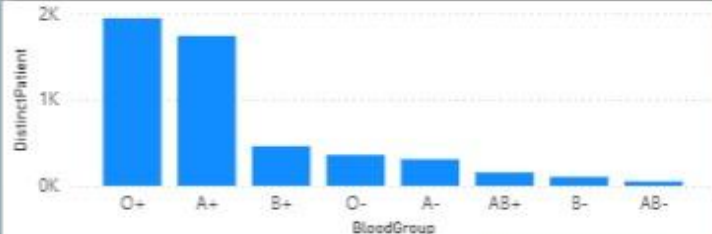
DistinctPatient by Tobacco



DistinctPatient by Exercise



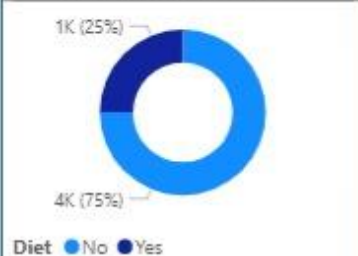
DistinctPatient by BloodGroup



Region

- ☐ Midwest
☐ Northeast
☐ South
☐ West

DistinctPatient by Diet



DistinctPatient by Alcohol



DistinctPatient by State



State	Female	Male	Total
Alabama	34	34	68
Alaska	7	2	9
Arizona	60	52	112
Arkansas	39	35	74
California	396	289	685
Colorado	67	68	135
Connecticut	46	38	84
Delaware	13	14	27
Total	3006	2111	5117

BloodGroup

- ☐ A-
☐ A+
☐ AB-
☐ AB+
☐ B-
☐ B+
☐ -

Healthcare Provider Metrics

PatientGender

Female

Male

931

Distinct Provider

711.74

Total FTE Employees

36

Specialty Provider Count

531

Count of City

Region

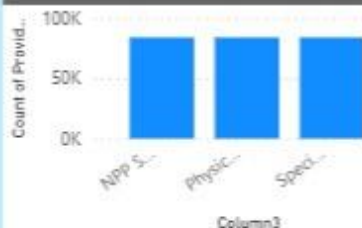
Midwest

South

Northeast

West

Count of ProviderName by Column3



Column3	Count of ProviderSpecialty	Sum of CPTUnits	Sum of ProviderFTE
NPP Specialty	36	239465	711.74
Physician Specialty	36	239465	711.74
SpecialtyType	36	239465	711.74
Total	36	239465	711.74

BloodGroup

A-

AB-

B-

O-

A+

AB+

B+

O+

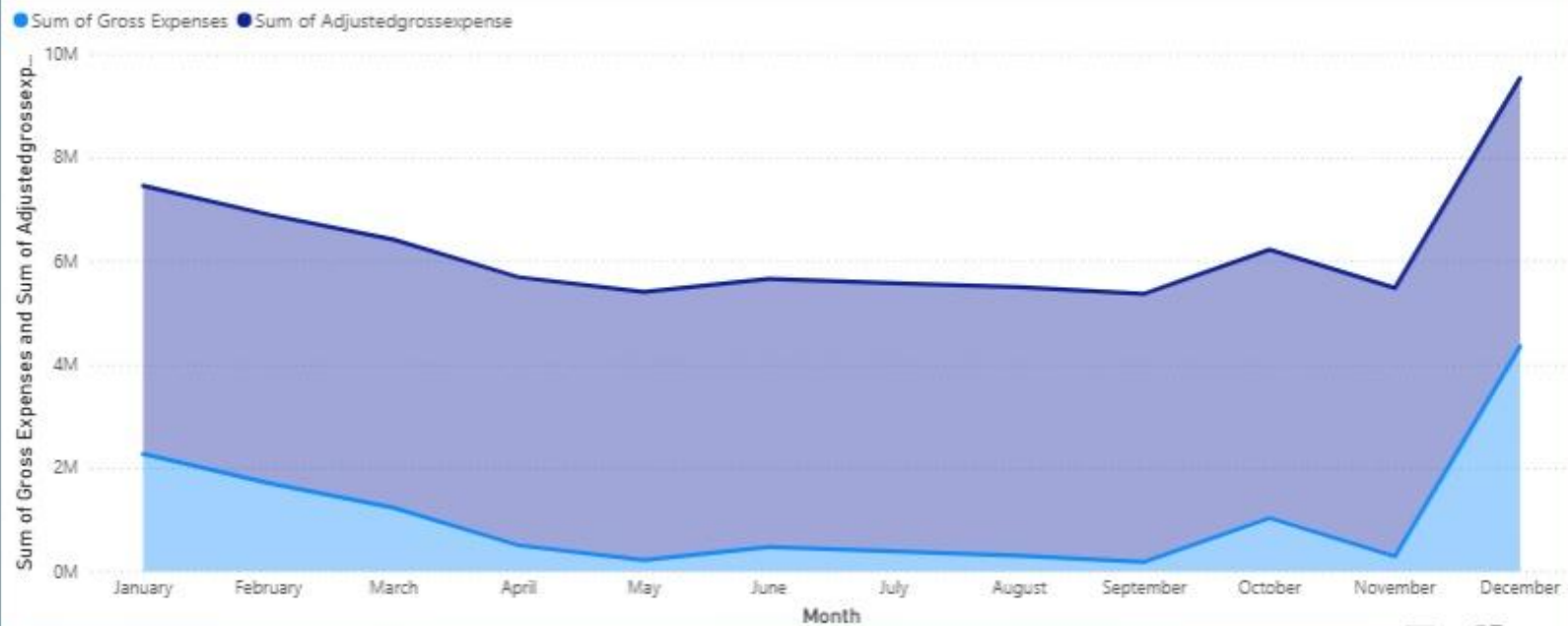
Count of dimPhysicianPK by Region



Sum of CPTUnits and Count of ProviderName by Month



Sum of Gross Expenses and Sum of Adjustedgrossexpense by Month



☰ ☒ ...

Adjustment factor (%)

-0.64

-0.60

