

StrataSphere® Research
Report:

National Patient and Procedure Volume Tracker™

Monthly Update 12/31/2024

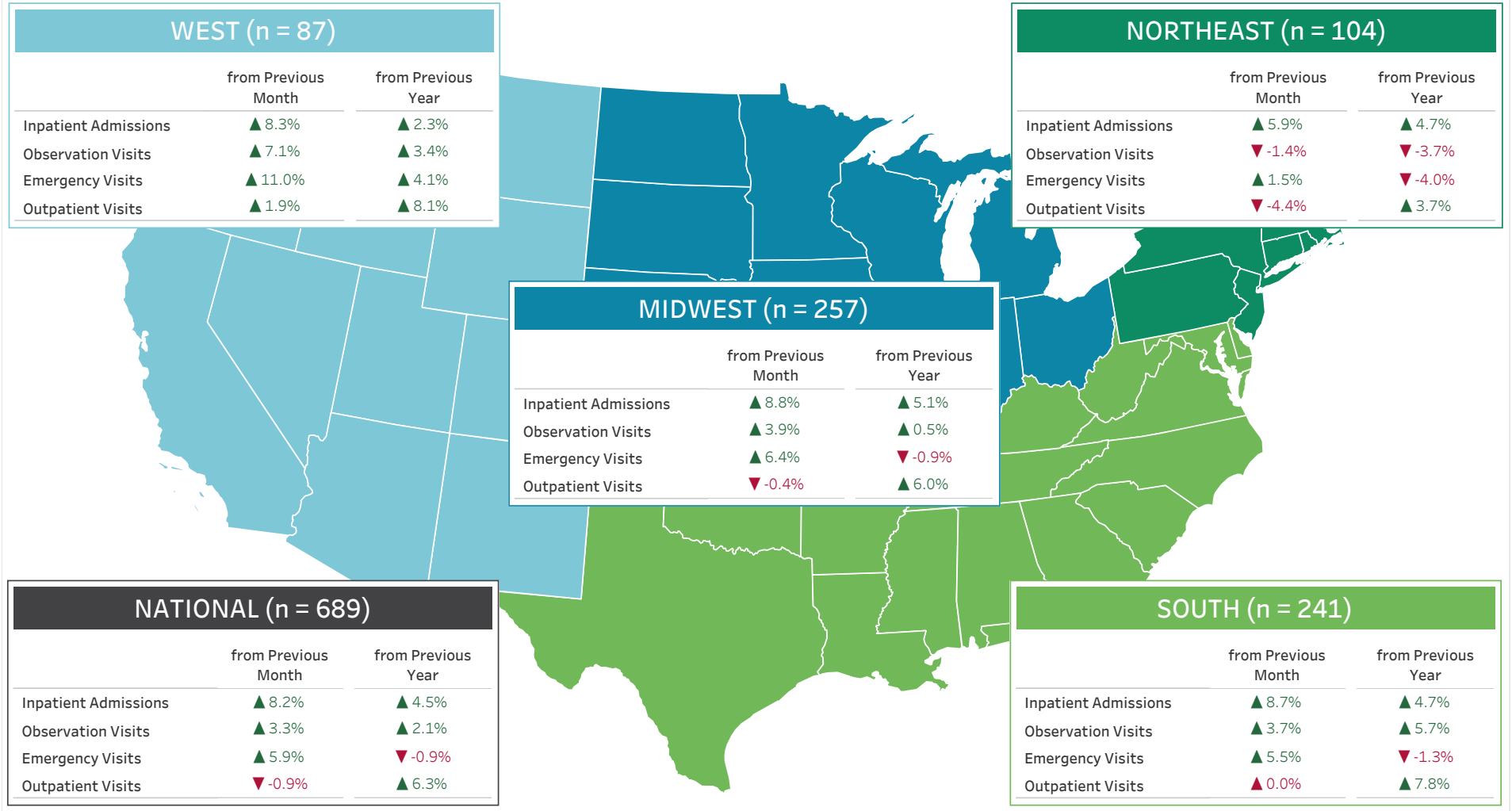
Overall, inpatient admissions rose by 4.5% year-over-year (YoY), with a further increase of 8.2% month-over-month (MoM). Observation visits increased by 2.1% YoY and 3.3% MoM. Emergency visits decreased by 0.9% YoY but saw a rise of 5.9% MoM. Outpatient visits showed an increase of 6.3% YoY but decreased by 0.9% MoM (Section 1.1).

The latest analysis reveals mixed performance across service lines in November. The largest YoY decrease was recorded in the Infectious Disease Service Line at 11.3% (Section 3.2). Within the inpatient service lines, General Surgery notably stood out with the highest YoY growth of 6.8% (Section 3.3). For the procedures highlighted in Section 4, OP Imaging - PET had the highest increase YoY at 10.9%. Professional Evaluation and Management Visits by Service Line decreased YoY with the only exceptions being Gynecology at 3.8% and Urology at 1.7% (Section 6.2).

For children's hospitals, inpatient admissions decreased by 2.8% YoY, but increased by 15.8% MoM. Observation visits experienced a rise of 1.7% YoY and 4.2% MoM. Emergency visits declined by 1.0% YoY but saw an increase of 7.9% MoM. Outpatient visits rose by 1.3% YoY, although they decreased by 3.2% MoM. It is important to note that reporting for emergency volumes in children's hospitals can be delayed, which may explain the decline in emergency visits compared to the previous year (Section 5.1).










This report includes data from 133 health system and 689 hospitals. This adds 5 hospitals to the report.

Section 1.1 Monthly National and Regional Volume Changes Data as of 12/31/2024

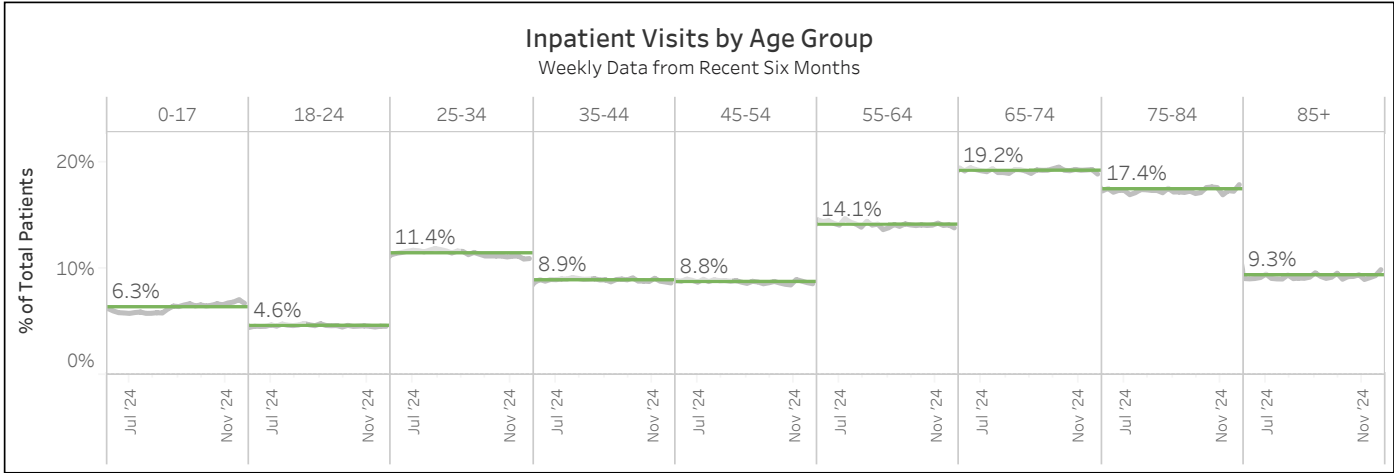
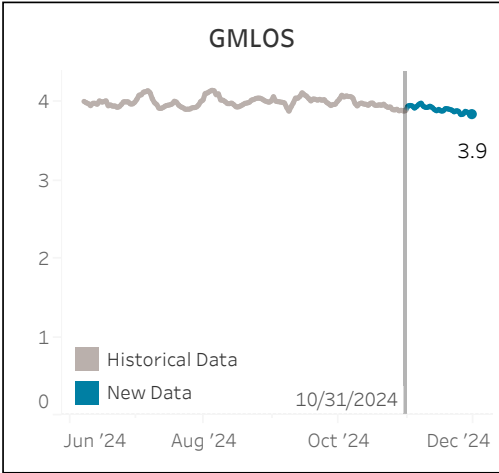
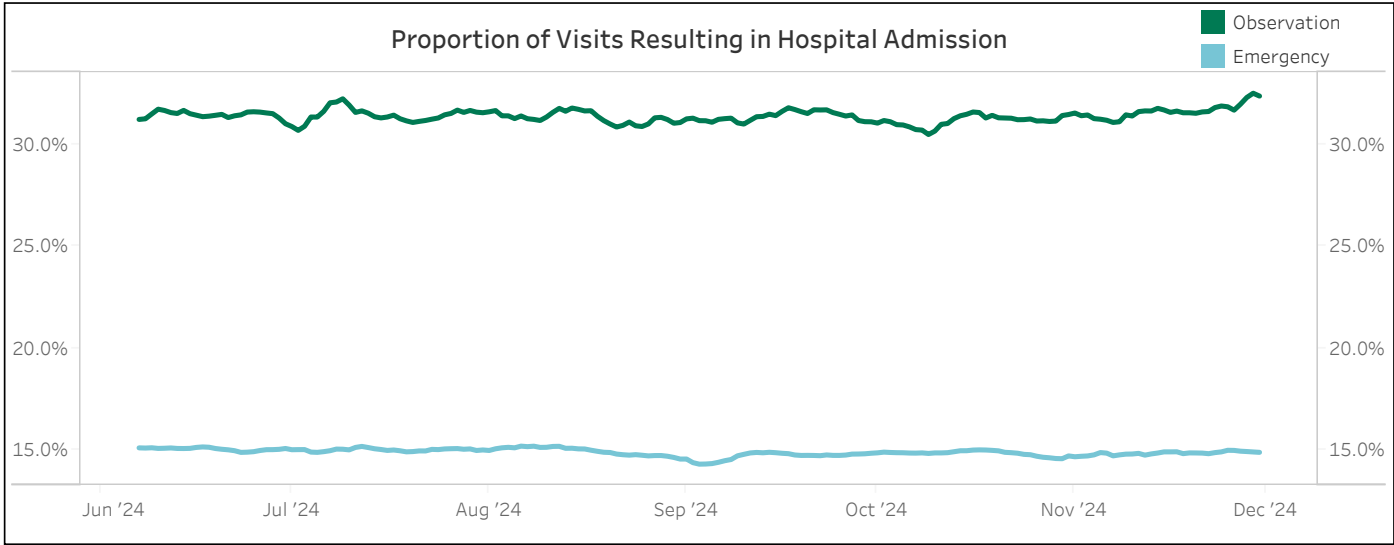
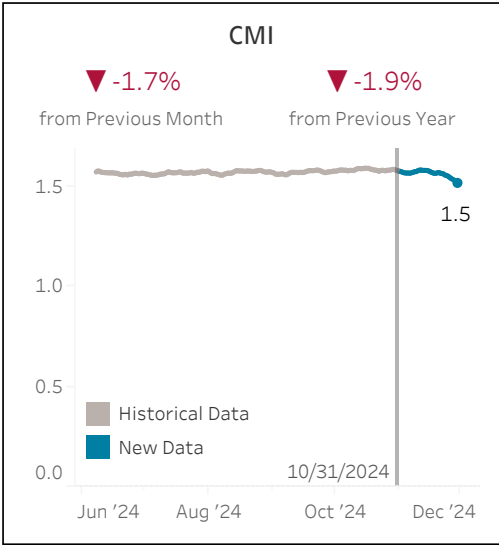


Section 1.2 Monthly Census Division Volume Changes

Data as of 12/31/2024

	Inpatient Admissions		Observation Visits		Emergency Visits		Outpatient Visits	
	from Previous Month	from Previous Year	from Previous Month	from Previous Year	from Previous Month	from Previous Year	from Previous Month	from Previous Year
 Pacific (n = 42)	▲ 7.5%	▲ 3.7%	▲ 5.8%	▲ 6.8%	▲ 9.9%	▲ 7.7%	▲ 2.4%	▲ 9.9%
 Mountain (n = 45)	▲ 9.6%	▲ 0.0%	▲ 9.3%	▼ -1.4%	▲ 13.0%	▼ -1.4%	▲ 1.3%	▲ 6.2%
 West North Central (n = 65)	▲ 8.4%	▲ 6.2%	▲ 4.0%	▲ 3.9%	▲ 7.9%	▲ 2.6%	▲ 1.0%	▲ 12.1%
 East North Central (n = 192)	▲ 8.9%	▲ 4.8%	▲ 3.9%	▼ -0.3%	▲ 6.0%	▼ -1.7%	▼ -0.9%	▲ 4.0%
 West South Central (n = 77)	▲ 10.2%	▲ 6.8%	▲ 5.4%	▲ 9.3%	▲ 8.6%	▲ 5.2%	▲ 0.9%	▲ 7.6%
 East South Central (n = 45)	▲ 11.7%	▲ 5.3%	▲ 3.9%	▲ 5.8%	▲ 5.3%	▼ -0.7%	▼ -0.2%	▲ 6.8%
 South Atlantic (n = 119)	▲ 7.0%	▲ 3.3%	▲ 2.5%	▲ 3.4%	▲ 3.8%	▼ -4.9%	▼ -0.5%	▲ 8.4%
 Middle Atlantic (n = 72)	▲ 5.1%	▲ 3.7%	▲ 0.1%	▼ -3.4%	▲ 0.9%	▼ -4.8%	▼ -5.2%	▲ 2.4%
 New England (n = 32)	▲ 7.7%	▲ 7.1%	▼ -3.8%	▼ -4.3%	▲ 2.9%	▼ -2.5%	▼ -3.0%	▲ 6.1%

Section 2.1 Inpatient Metrics
Data as of 11/30/2024



Section 2.2 **Inpatient Admissions**
Data as of 12/31/2024

2022 2023 2024

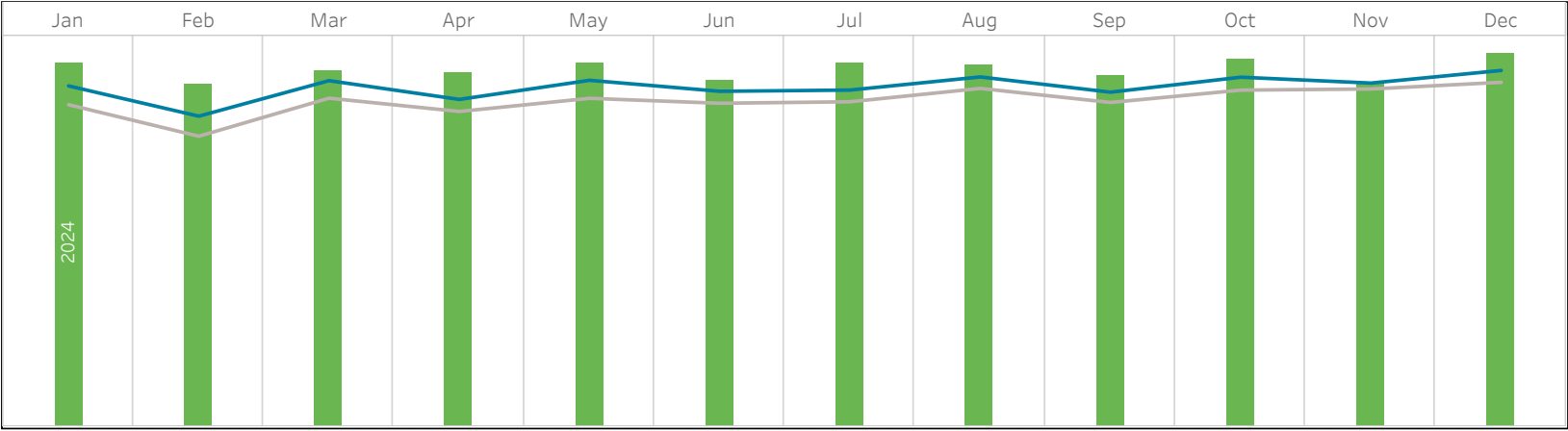
2024 YTD Volumes

▲ **5.0%**
from 2023
(n = 688)

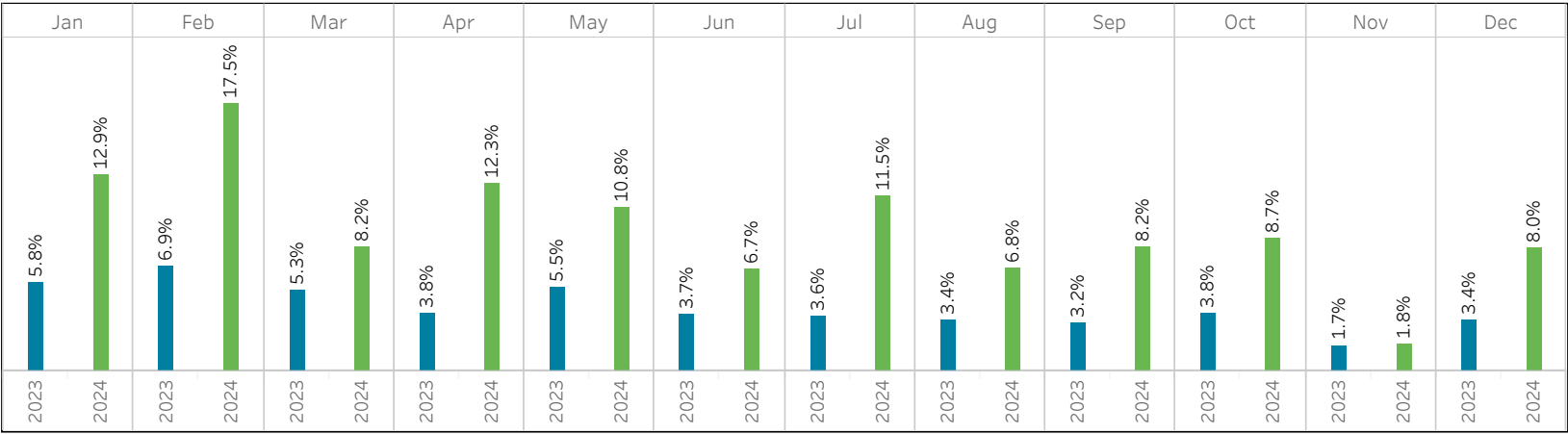
▲ **9.3%**
from 2022
(n = 667)

▲ **8.0%**
from 2021
(n = 636)

Monthly Volumes



Monthly Volume Changes Compared to 2022



Section 2.3 **Observation Visits**
Data as of 12/31/2024

2022 2023 2024

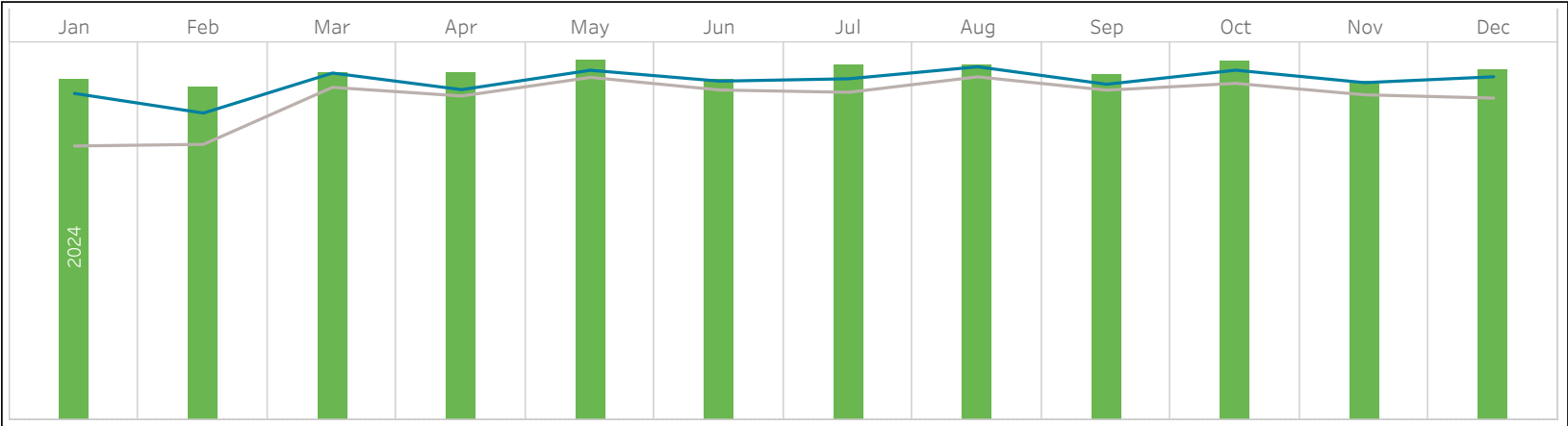
2024 YTD Volumes

▲ **2.6%**
from 2023
(n = 688)

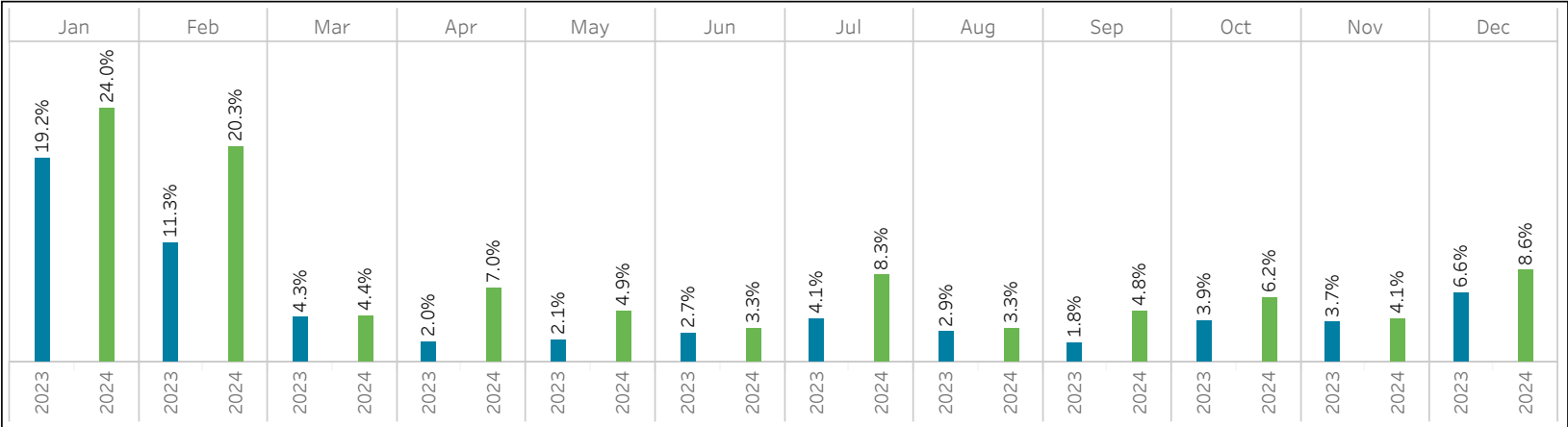
▲ **7.8%**
from 2022
(n = 667)

▲ **11.6%**
from 2021
(n = 636)

Monthly Volumes



Monthly Volume Changes Compared to 2022



Section 2.4 **Emergency Visits**
Data as of 12/31/2024

2022 2023 2024

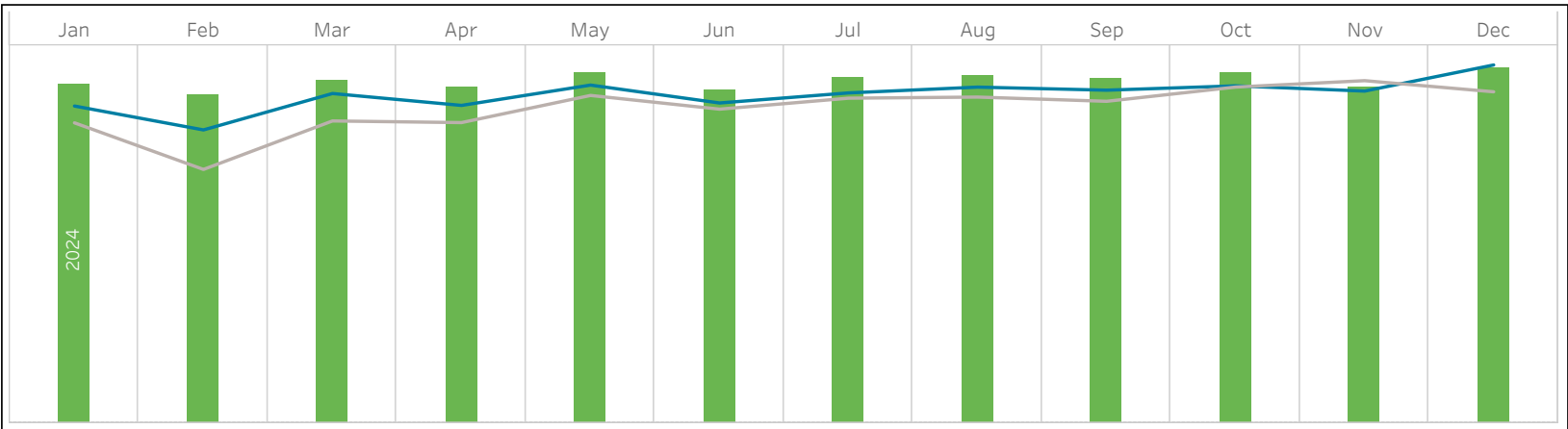
2024 YTD Volumes

▲ **4.0%**
from 2023
(n = 688)

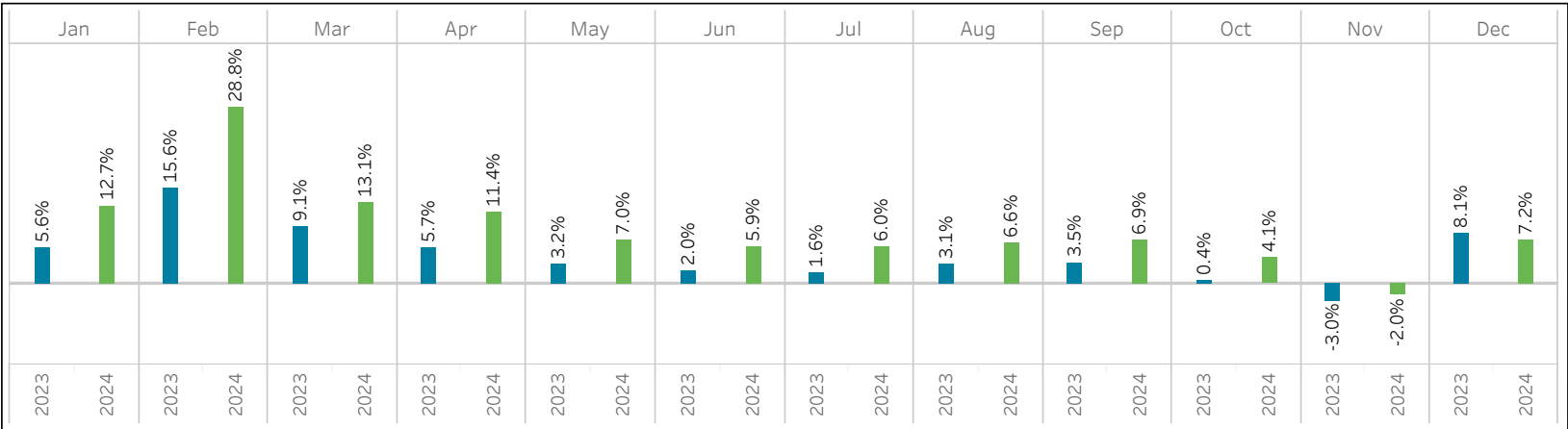
▲ **8.5%**
from 2022
(n = 667)

▲ **14.5%**
from 2021
(n = 636)

Monthly Volumes



Monthly Volume Changes Compared to 2022



Section 2.5 **Outpatient Visits**
Data as of 12/31/2024

2022 2023 2024

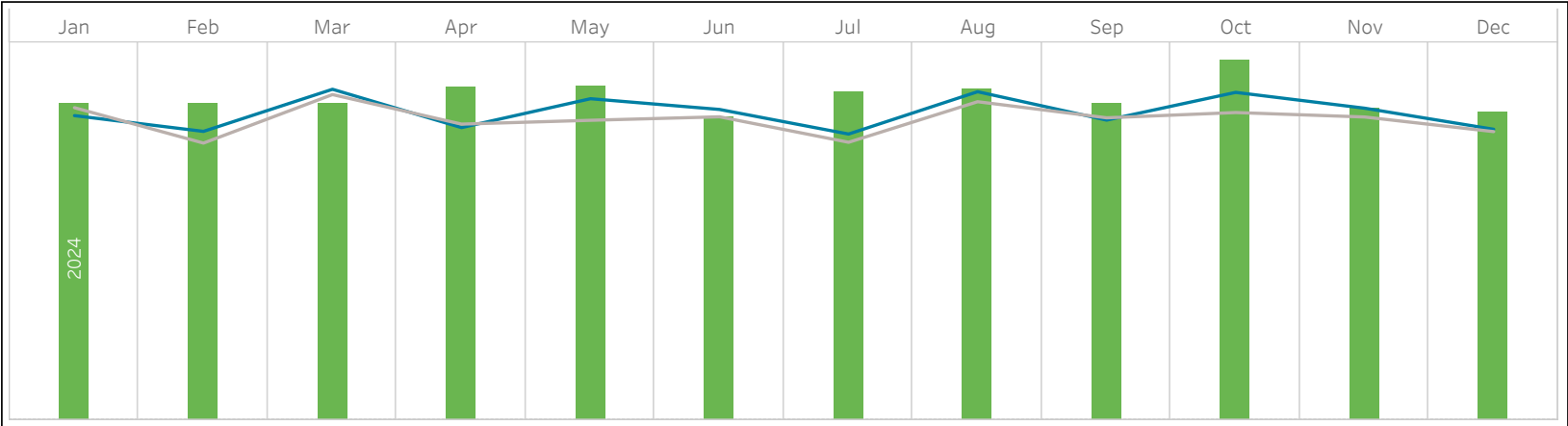
2024 YTD Volumes

▲ **4.9%**
from 2023
(n = 688)

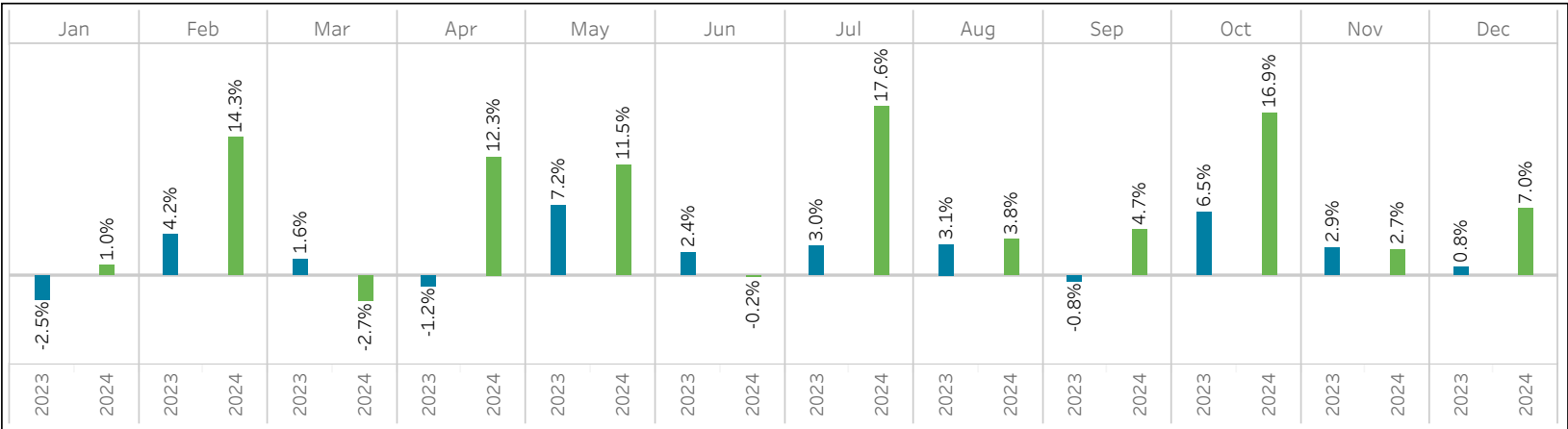
▲ **7.2%**
from 2022
(n = 667)

▲ **1.2%**
from 2021
(n = 636)

Monthly Volumes



Monthly Volume Changes Compared to 2022



Section 3.1

National Volume Changes by Service Line (IP & OP)

Data as of 11/30/2024

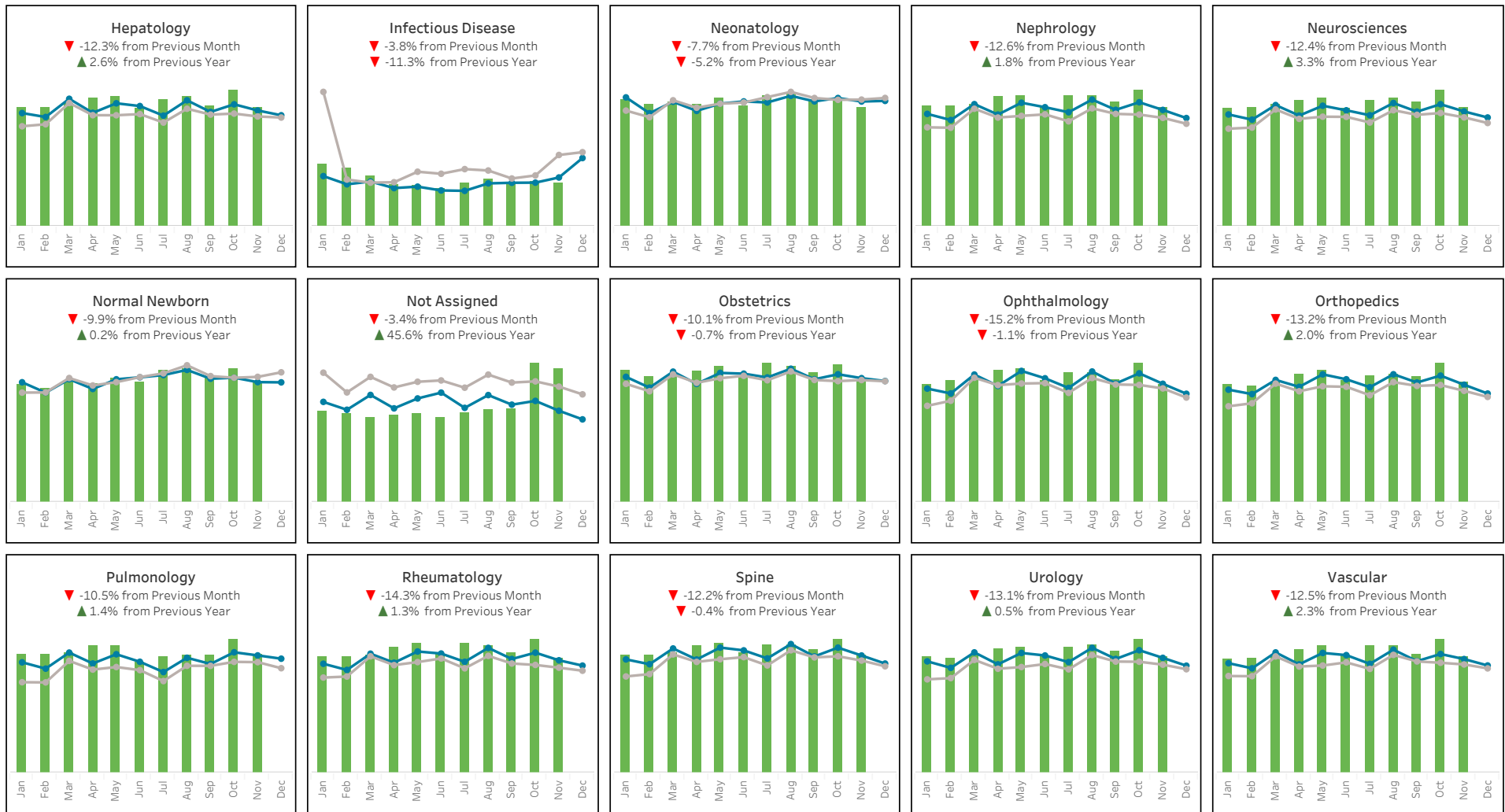


Section 3.2

National Volume Changes by Service Line (IP & OP)

Data as of 11/30/2024

■ 2022
■ 2024
■ 2023



Section 3.3

National Volume Changes by Service Line (IP Only)

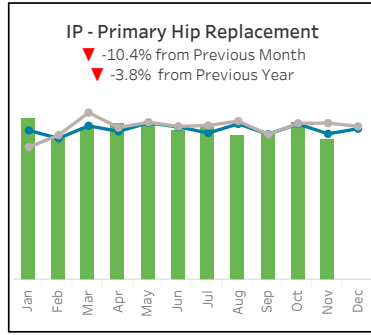
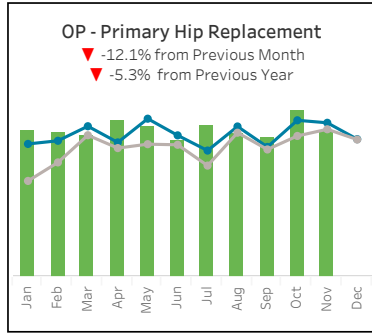
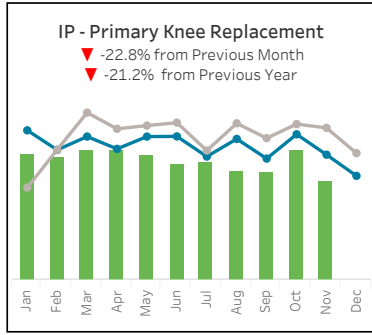
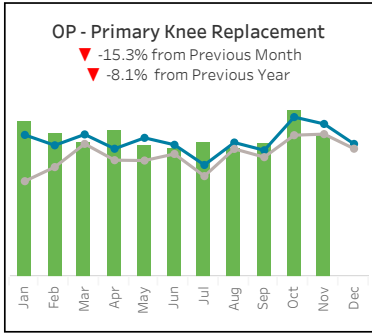
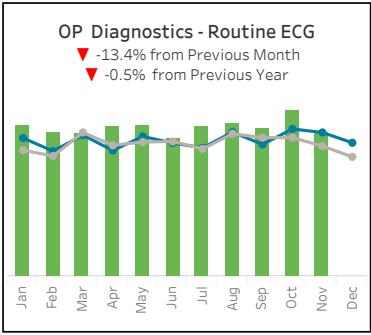
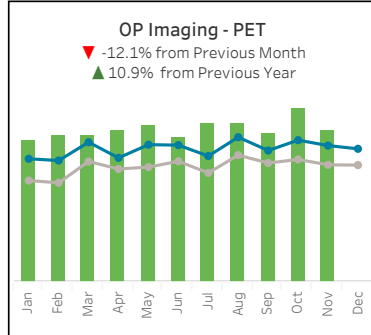
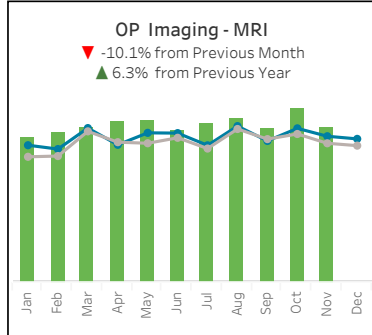
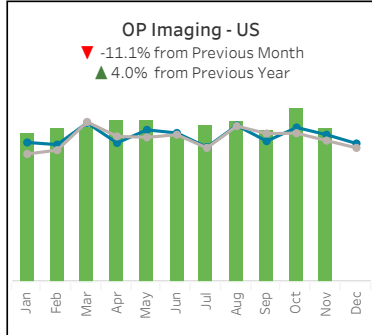
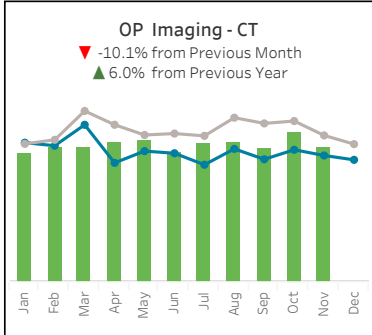
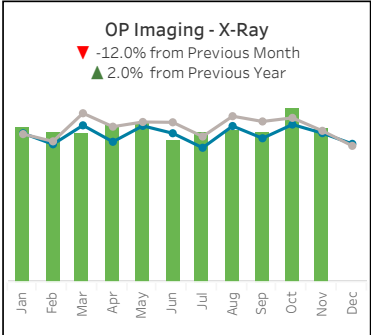
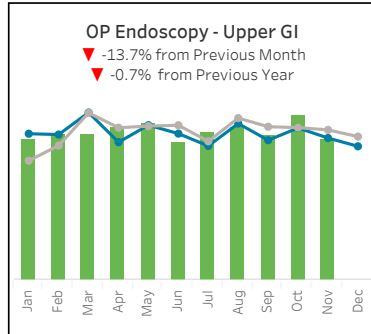
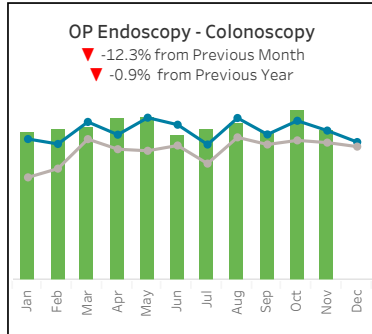
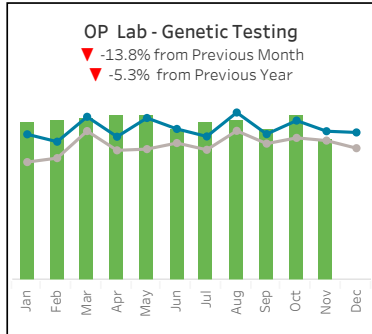
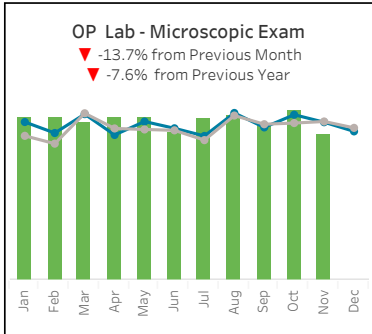
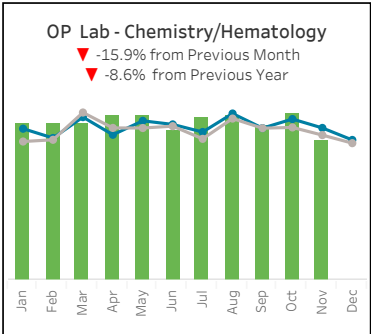
Data as of 11/30/2024

2022 2023 2024



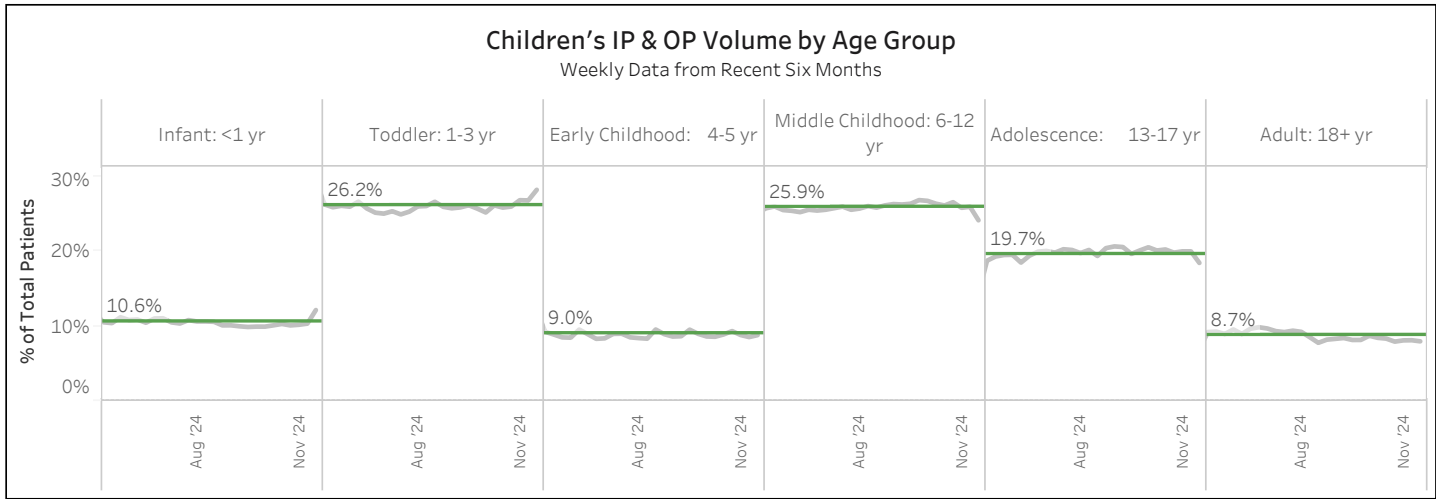
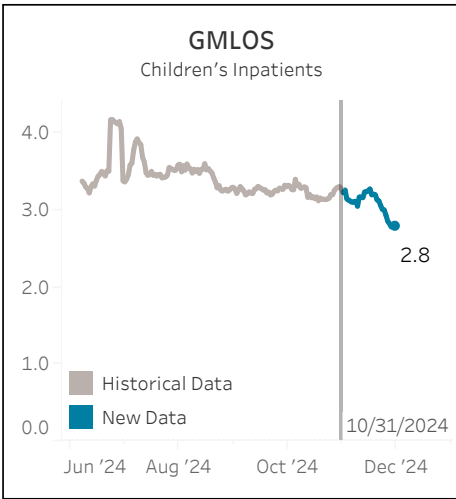
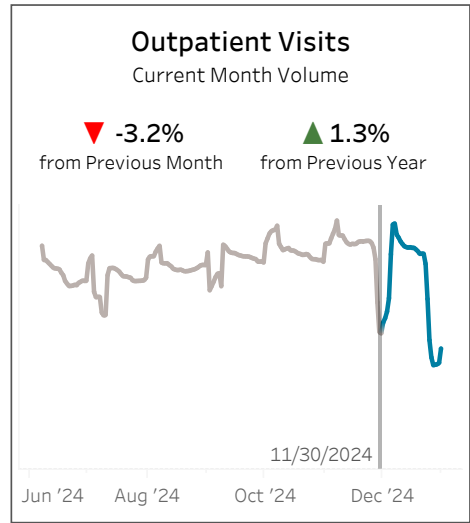
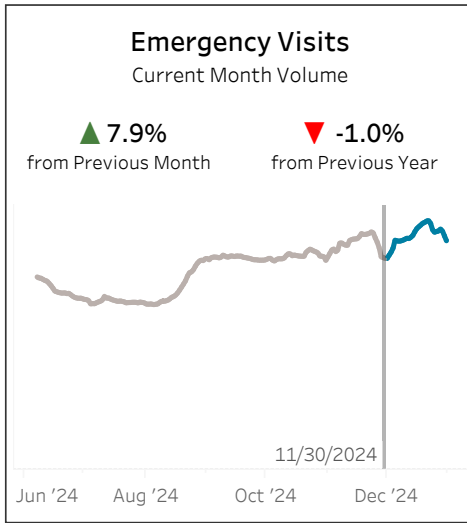
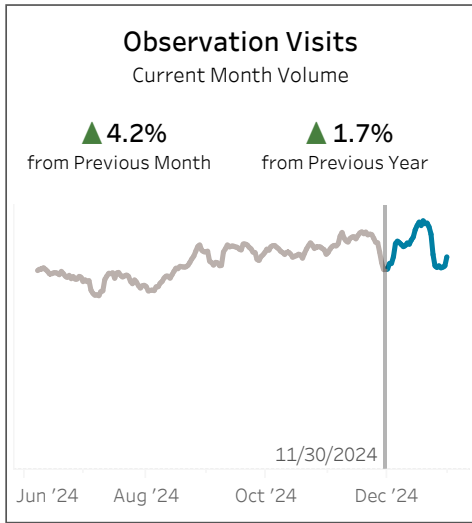
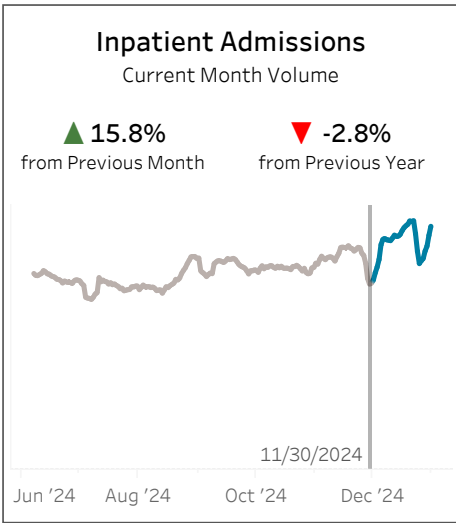
Section 4 National Volume Changes by Procedure Type Data as of 11/30/2024

2022 2023 2024



Section 5.1 Children's Hospital
Data as of 12/31/2024
20

Historical Data
New Data



Section 5.2 **Children's Hospitals Inpatient Admissions** Childrens Hospital
 Data as of 12/31/2024 20

2022 2024
 2023

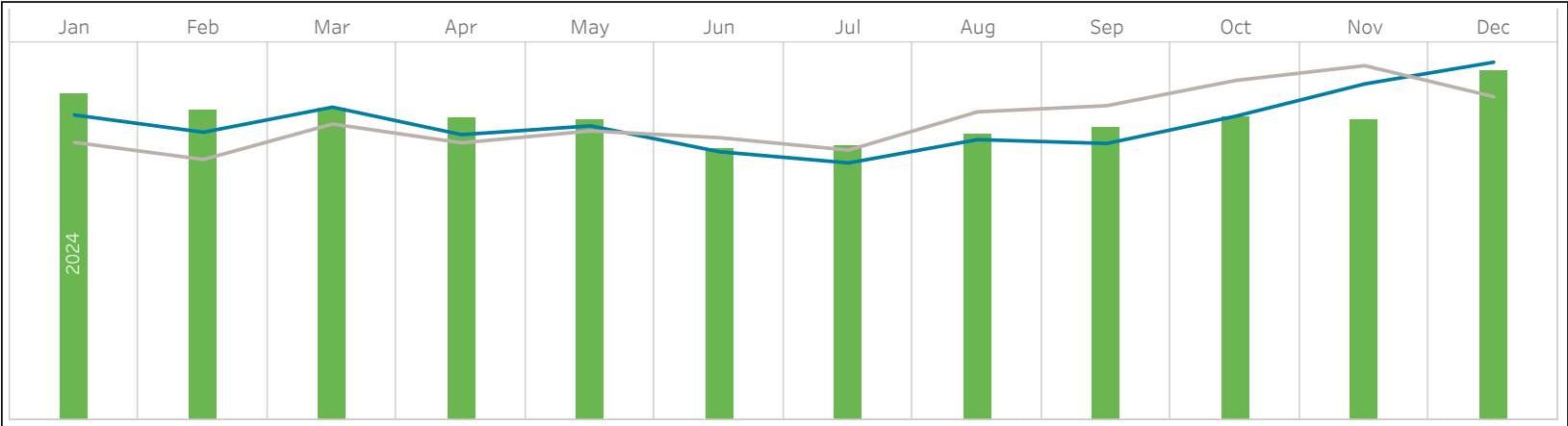
2024 YTD Volumes

▲ **1.5%**
 from 2023
 (n = 20)

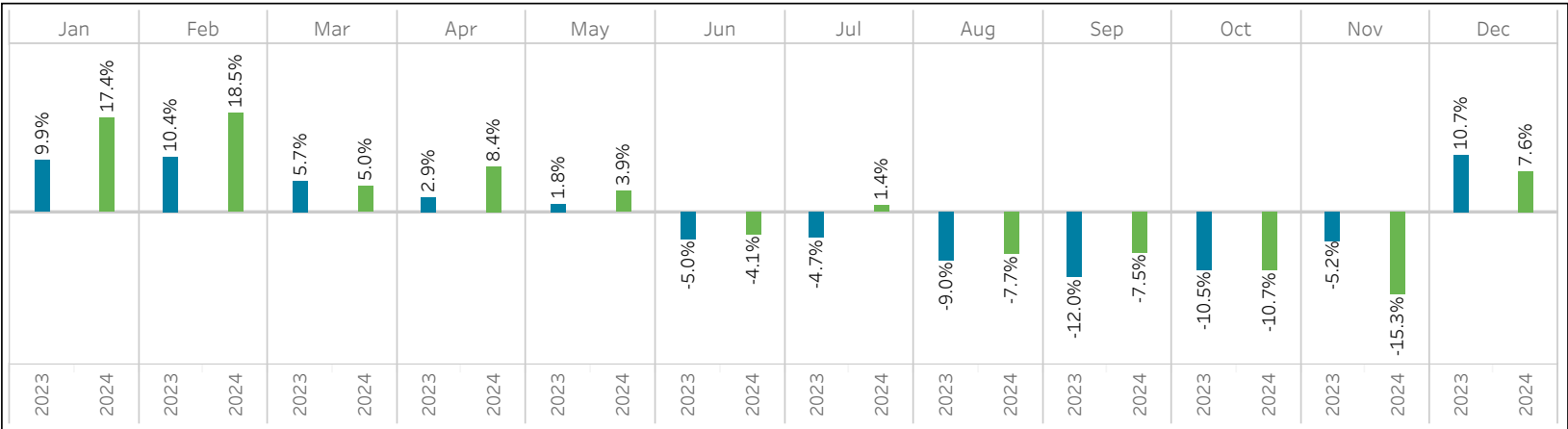
▲ **0.7%**
 from 2022
 (n = 20)

▲ **8.4%**
 from 2021
 (n = 20)

Monthly Volumes



Monthly Volume Changes Compared to 2022



Section 5.3 Children's Hospitals Observation Visits Data as of 12/31/2024 Childrens Hospital 20

2022 2023 2024

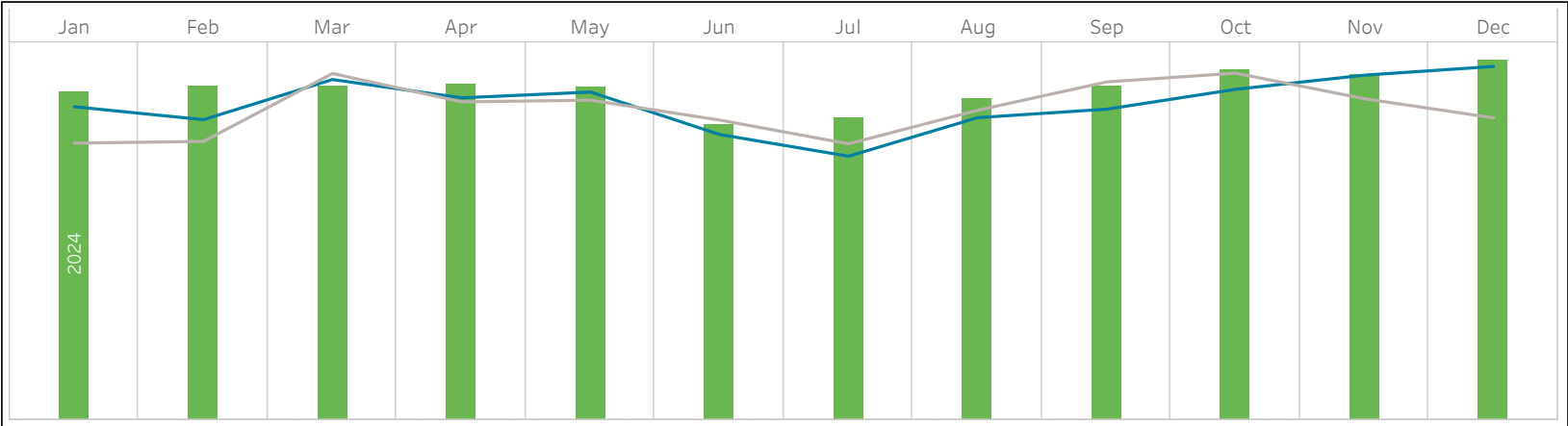
2024 YTD Volumes

▲ **4.5%**
from 2023
(n = 20)

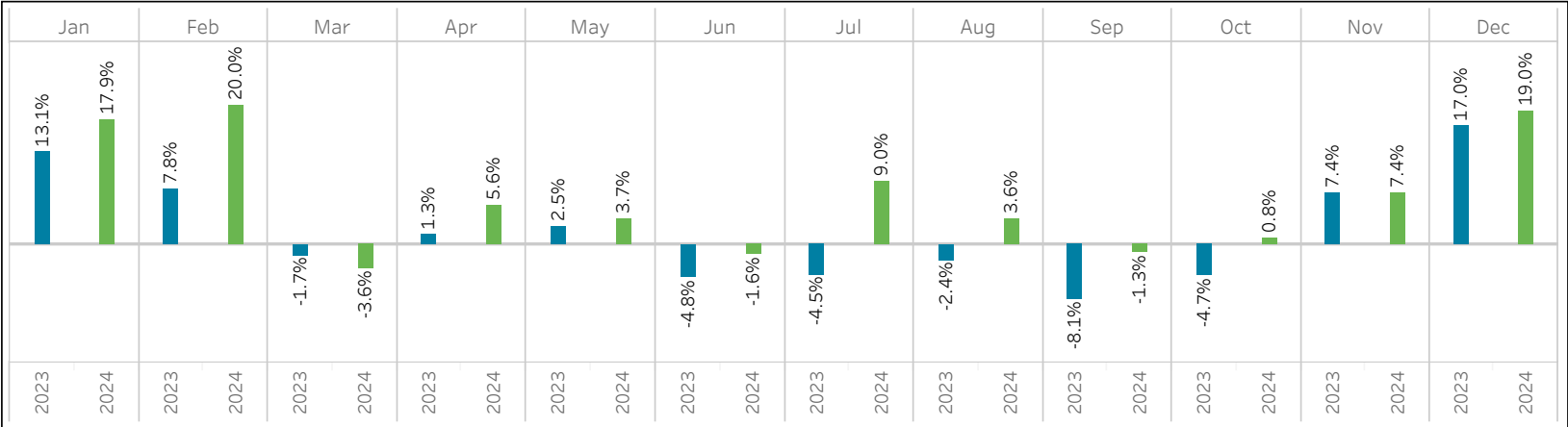
▲ **6.2%**
from 2022
(n = 20)

▲ **12.6%**
from 2021
(n = 20)

Monthly Volumes



Monthly Volume Changes Compared to 2022



Section 5.4 **Children's Hospitals Emergency Visits** Childrens Hospital
 Data as of 12/31/2024 20

2022 2024
 2023

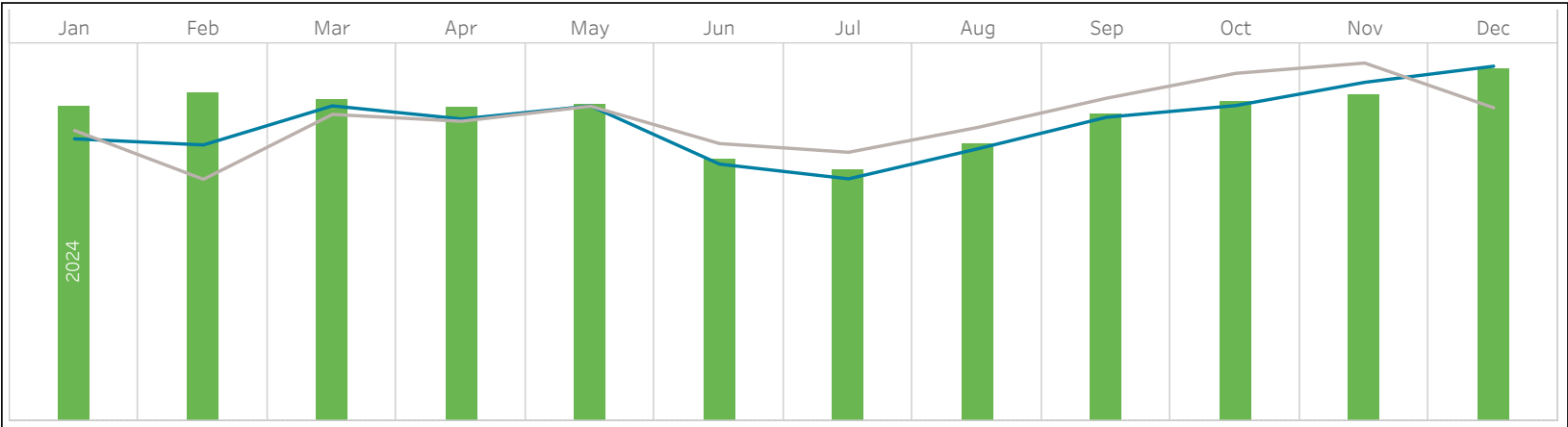
2024 YTD Volumes

▲ **3.0%**
 from 2023
 (n = 20)

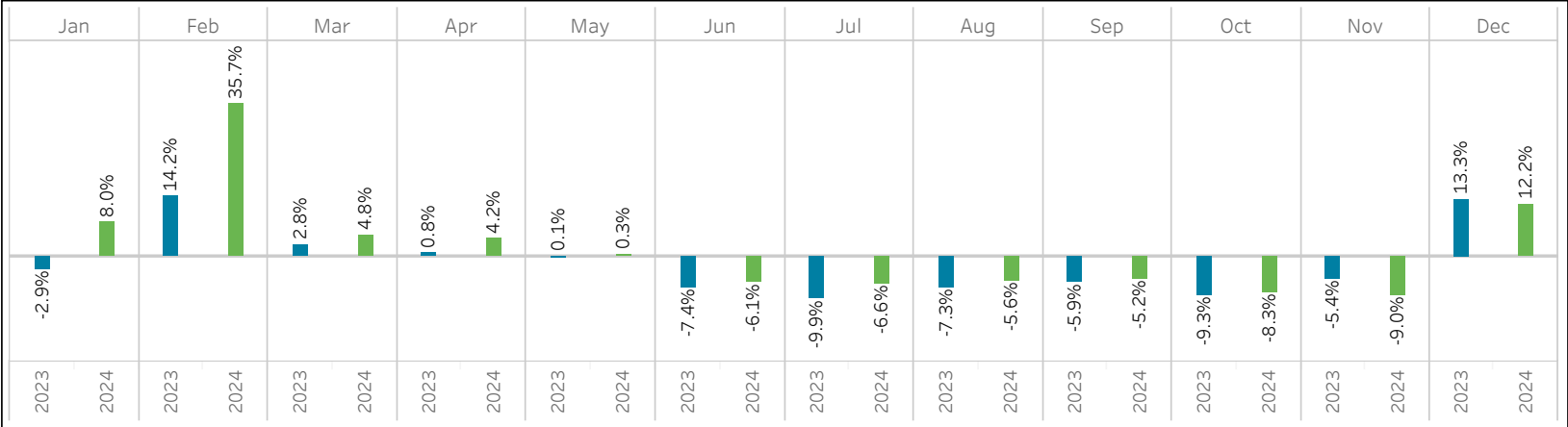
▲ **1.3%**
 from 2022
 (n = 20)

▲ **11.9%**
 from 2021
 (n = 20)

Monthly Volumes



Monthly Volume Changes Compared to 2022



Section 5.5 Children's Hospitals Outpatient Visits
Data as of 12/31/2024

Childrens Hospital
20



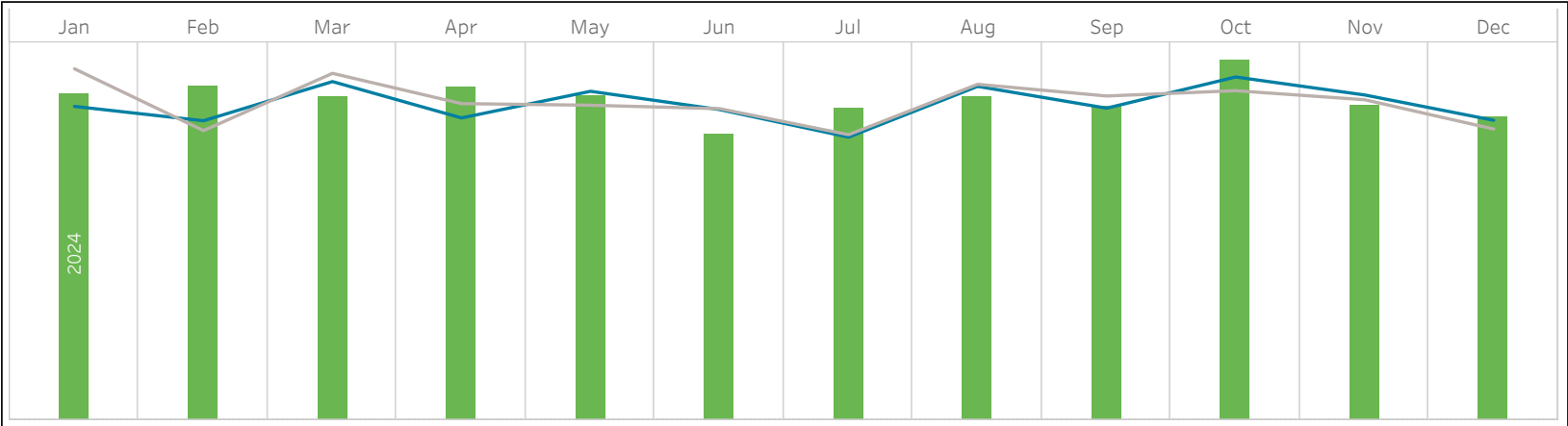
2024 YTD Volumes

▲ **1.5%**
from 2023
(n = 20)

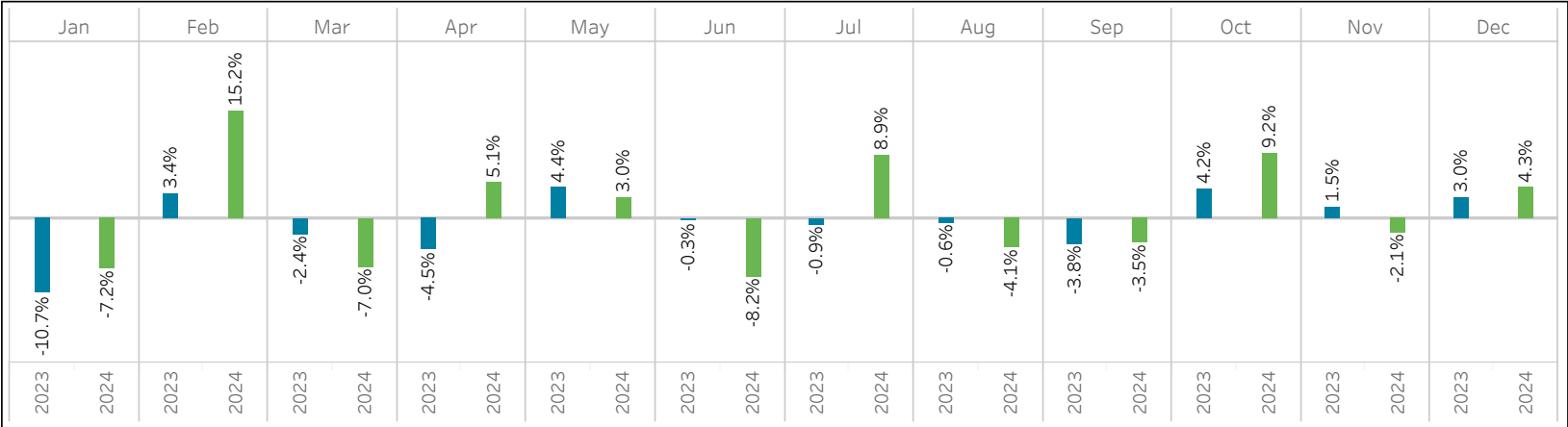
▲ **0.8%**
from 2022
(n = 20)

▼ **-2.9%**
from 2021
(n = 20)

Monthly Volumes



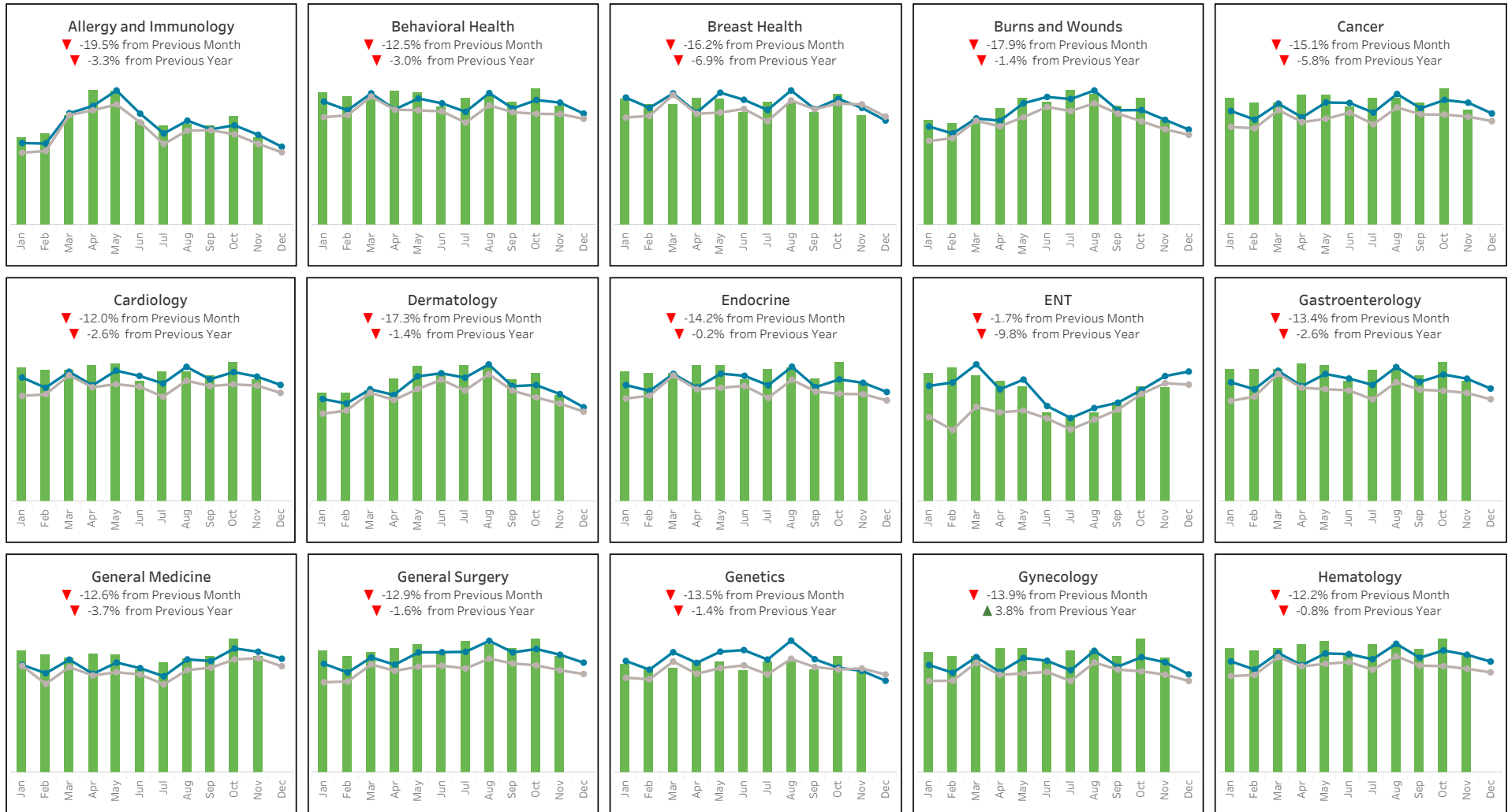
Monthly Volume Changes Compared to 2022



Section 6.1

Professional Evaluation and Management Visits by Service Line (Including Children's Health Systems)

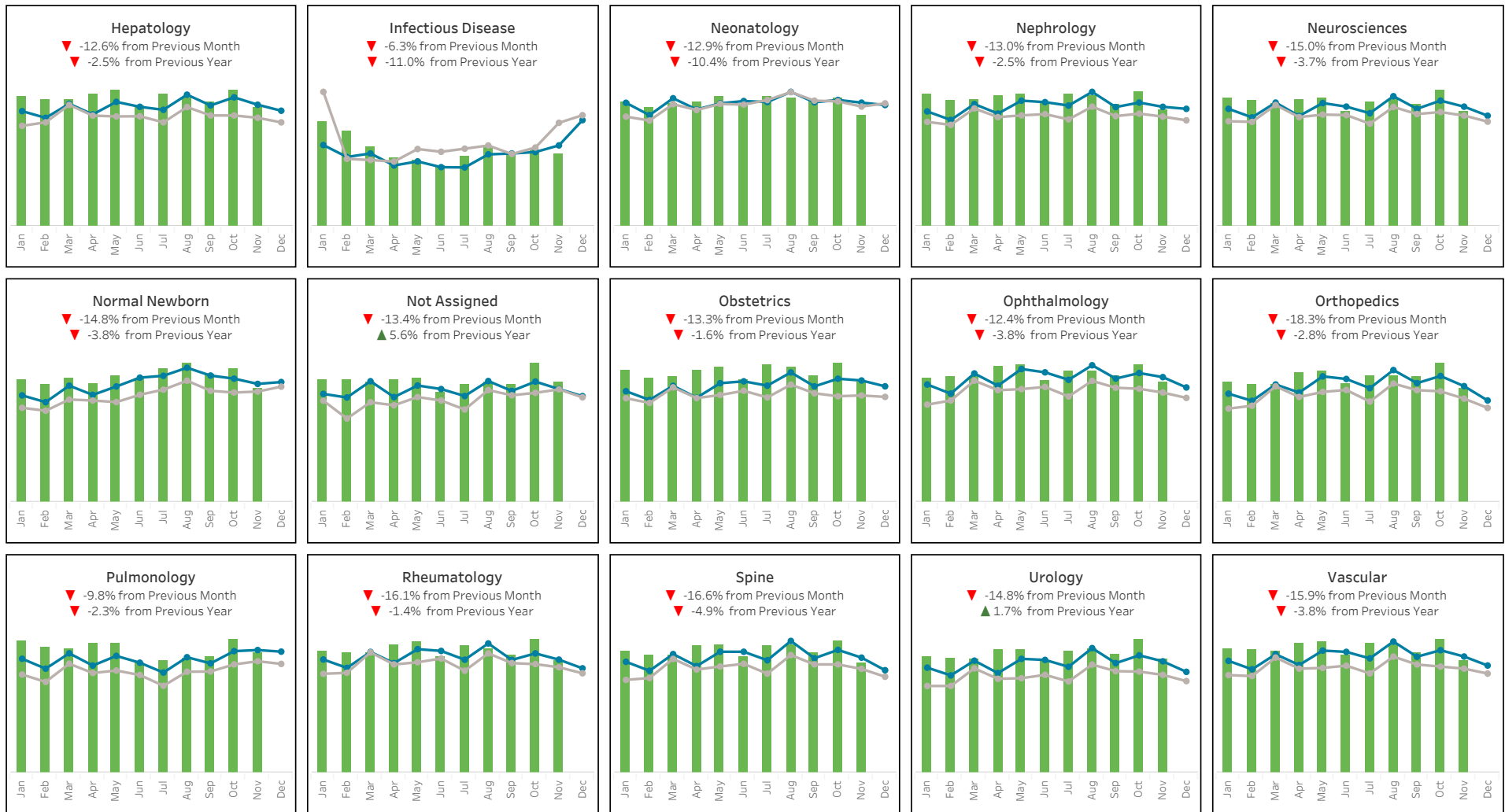
Data as of 11/30/2024



Section 6.2

Professional Evaluation and Management Visits by Service Line (Including Children's Health Systems)

Data as of 11/30/2024



Methodology

Data Source: 689 hospitals from 133 StrataSphere® health systems with StrataJazz® Decision Support. Compared to last month, we have added 3 health systems and 17 hospitals. We also removed 3 health systems and 12 hospitals. All hospital billing encounters with nonzero charges were included. Once the encounter has charges greater than zero, it will then be included in the encounter count.

The census regions and census divisions outlined in sections 1.1-1.2 of this report follow the definitions established by the U.S. Census Bureau.

Patient Types include inpatient, observation, emergency, and outpatient, which are determined by the presence of associated UB revenue codes in encounter charges. We are only pulling encounters with charges greater than zero.

Percentage change from previous month refers to the percentage difference between the current month and previous month. Percentage change from previous year refers to the percentage difference between the current month and the same month in the previous year.

CMI (Case Mix Index) is the average diagnosis-related group (DRG) relative weight. This average is calculated by summing the MS-DRG weights for all inpatient admissions and dividing by the distinct count of admissions.

For the proportion of visits graph in section 2.1: Proportions were calculated by aggregating distinct inpatient encounters stratified by visit type (emergency and observation), and dividing by total encounters for the respective visit type on a daily basis. Each date's 7-day moving average is reflected in the graph.

For sections 3.1-4: Service line and procedure groups are provided by the Sg2 CARE Grouper™, based on the ICD-10 diagnosis and procedure codes, DRG codes, and CPT codes of each encounter. Service line inpatient detail displays the 15 service lines with the highest inpatient volume.

GMLOS (Geometric mean length of stay) represents the nth root of the product of the LOS values for every inpatient admitted per day, where n is the number of patients per admit date. We chose this metric over average length of stay as it is less influenced by very high outliers.

For sections 6.1-6.2: Volumes represent total unique professional billing encounters for a basket of CPT codes in the range 99201 to 99255 related to evaluation & management (E&M) care. This includes codes related to patient office and outpatient visits, inpatient and observation care E&M visits (initial, subsequent, and discharge), and consultations. Not all StrataSphere clients provide professional billing data, these graphs represent 109 health system's professional billing data.