

National Patient and Procedure Volume Tracker™

Monthly Update 4/30/2022

Volumes continue to lag (Sections 1.2, 1.3 & 1.4). If there is a theme for 2022, it's that inpatient volumes are down. They are down compared to 2019 pre-COVID-19 levels and they are down month over month compared to 2021. Emergency volumes are slightly better than inpatient. They are down compared to 2019, but up compared to 2021. Outpatient volumes are up compared to 2019, but not compared to 2021 (this is expected as March and April 2021 were mass vaccine administration time periods). Children's Hospital volumes are mixed (Section 2.2, 2.3 & 2.4). Inpatient volumes are up compared to 2021, but down compared to 2019. Emergency volume trends match the adult patient population – they are down compared to 2019, but up compared to 2021. Outpatient volumes are up compared to 2019 and mostly stronger than 2021 (this group did not administer vaccines last March and April).

Service line volumes are up in March (Sections 4.1 & 4.2). Inpatient Service Lines made a comeback in March in the post omicron surge (Section 4.3). Macro inpatient volumes in Section 1.1 (which precede service line data by about three weeks) suggest that April inpatient service line volume may be down, leveling out the comeback.

Most procedures (Section 5), including Imaging, Outpatient Hips and Knee Replacements and Colonoscopy continue to reach new highs.

COVID-19 hospitalizations are skewing older (Section 6.1) but infection rates showing up in hospital inpatient and outpatient are down almost 50% year over year. Children's COVID-19 volumes are down 69% in March compared to the previous month (Section 6.2).

In this report, we have removed 1 health system and 5 hospitals. We also added 1 hospital. The breakdown by US Census Region is shown to the right.

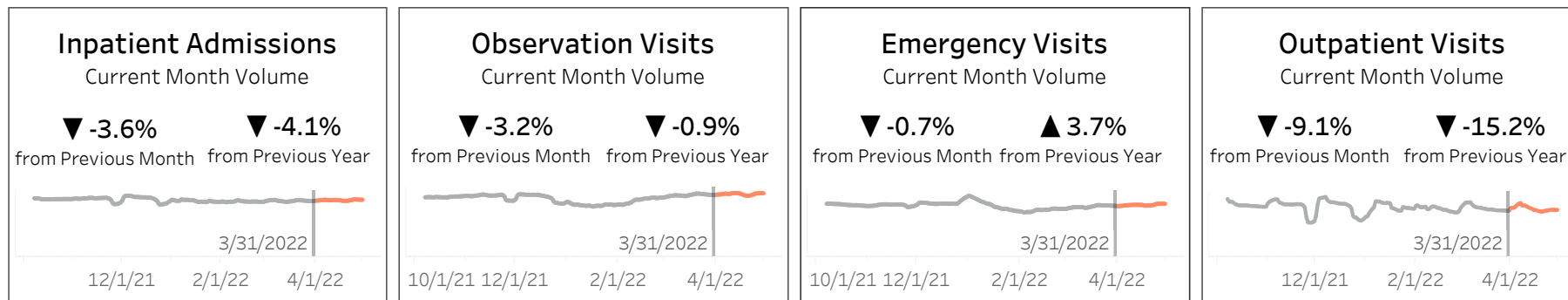
Midwest	Northeast	South	West	Grand Total
172	73	185	69	499

Section 1.1

National Level Recent Volume Changes

Data as of 4/30/2022

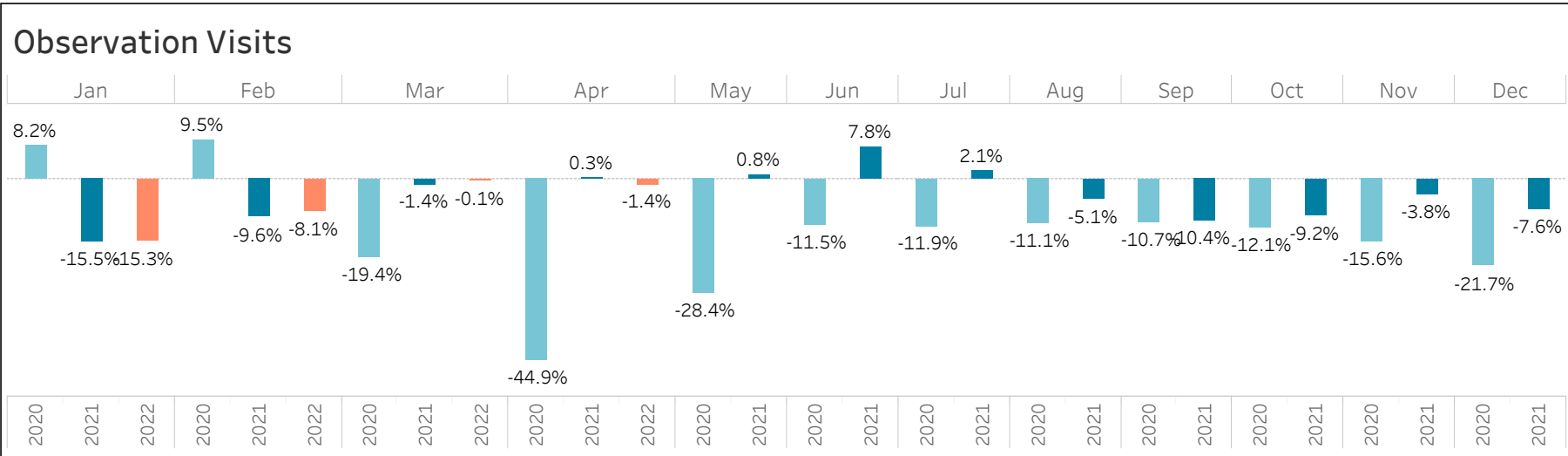
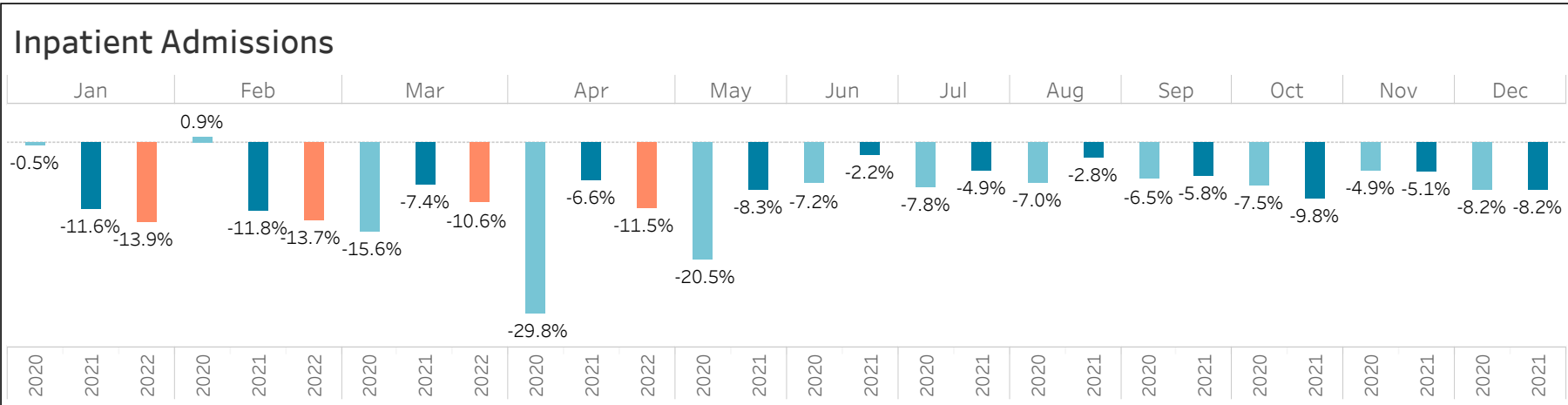
■ Historical Data
■ New Data



Section 1.2

Monthly Volume Changes Compared to 2019
 Data as of 4/30/2022

2020
 2021
 2022



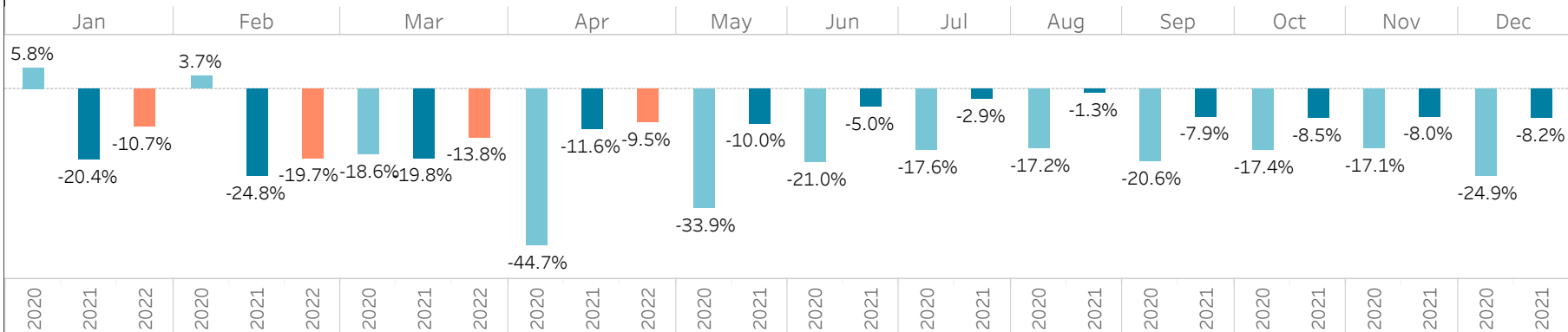
Section 1.3

Monthly Volume Changes Compared to 2019

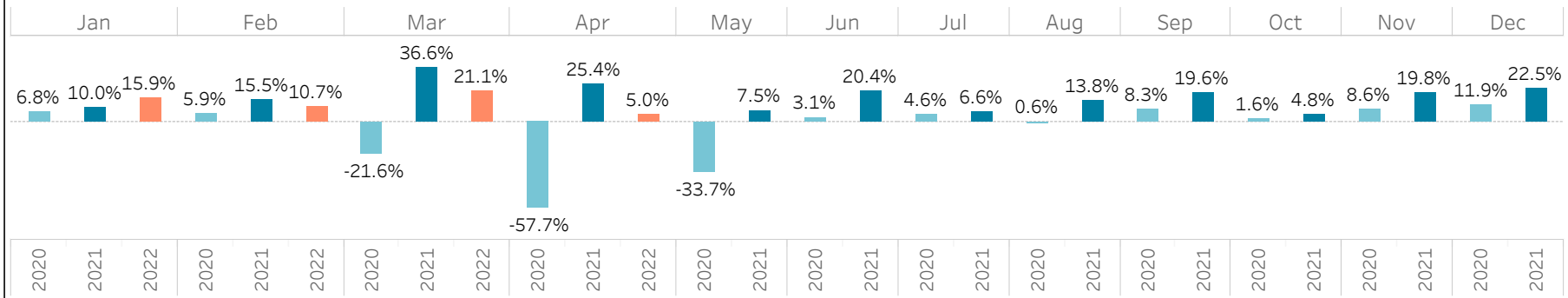
Data as of 4/30/2022

2020 2021 2022

Emergency Visits



Outpatient Visits



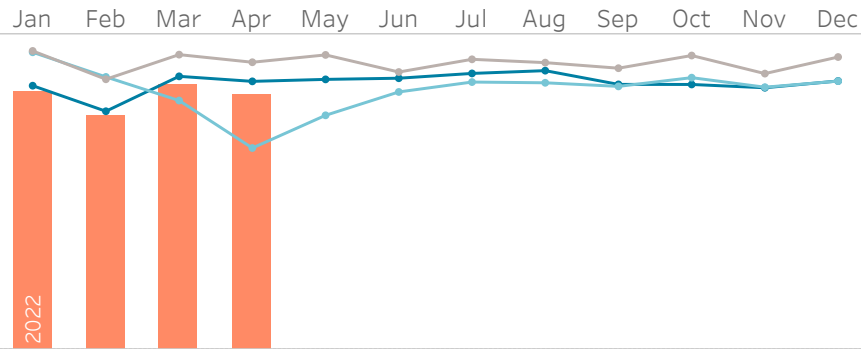
Section 1.4

National Level Month over Month Volume 2019-2022

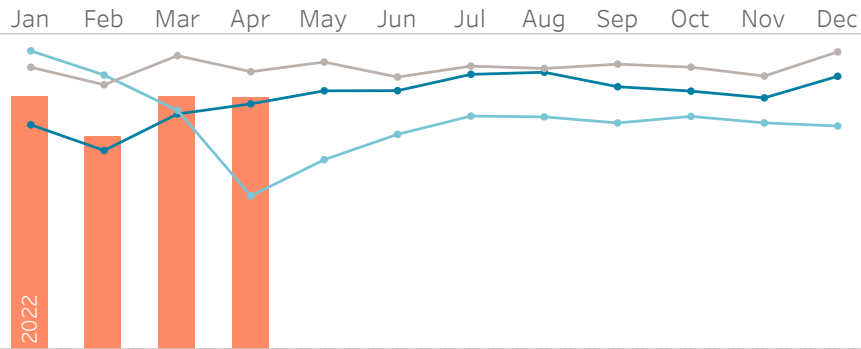
Data as of 4/30/2022

2019 2021
2020 2022

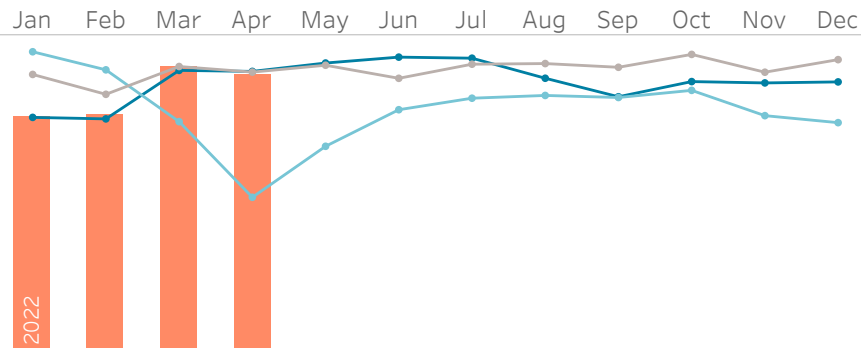
Inpatient Admissions



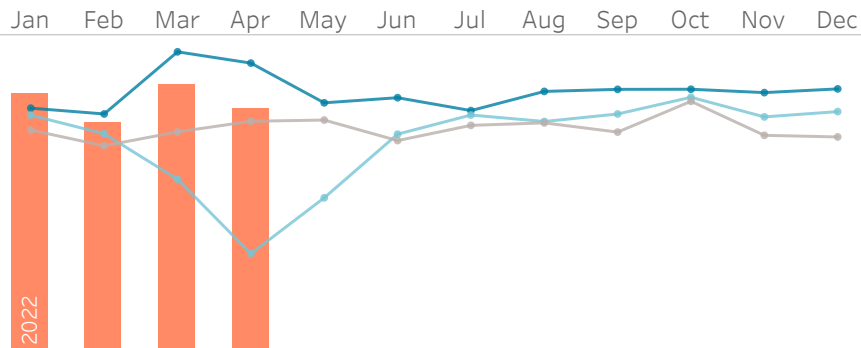
Emergency Visits



Observation Visits



Outpatient Visits



Section 2.1

Children's Hospitals Recent Volume Changes

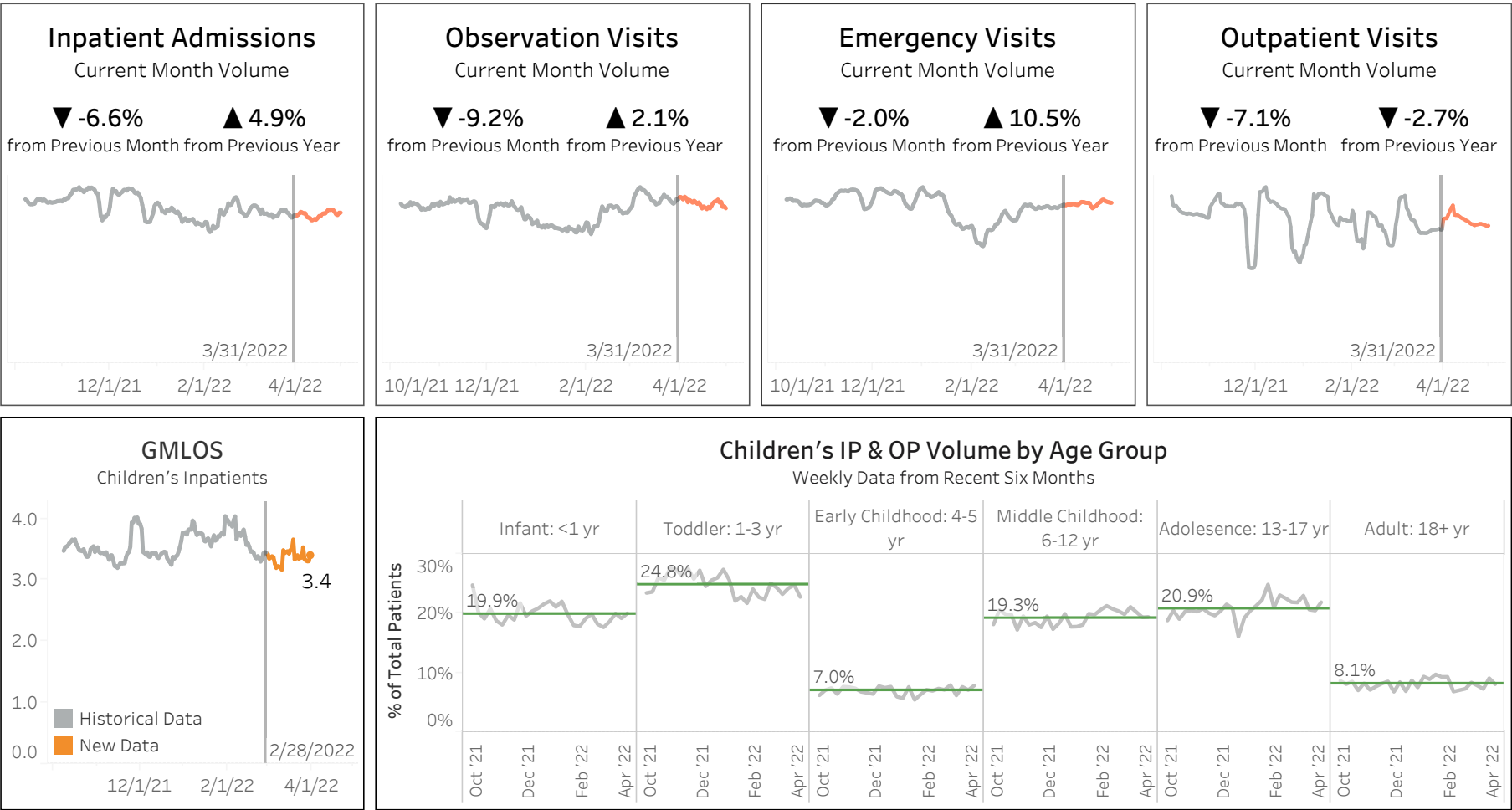
Data as of 4/30/2022

Childrens Hospital

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Historical Data

New Data



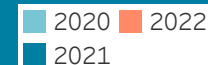
Section 2.2

Children's Hospitals Monthly Volume Changes Compared to 2019

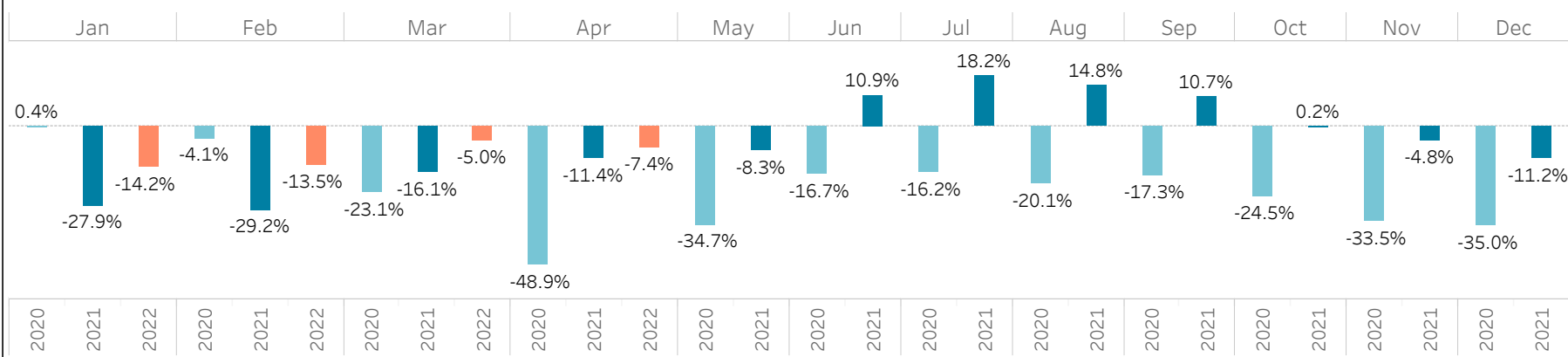
Data as of 4/30/2022

Childrens Hospital

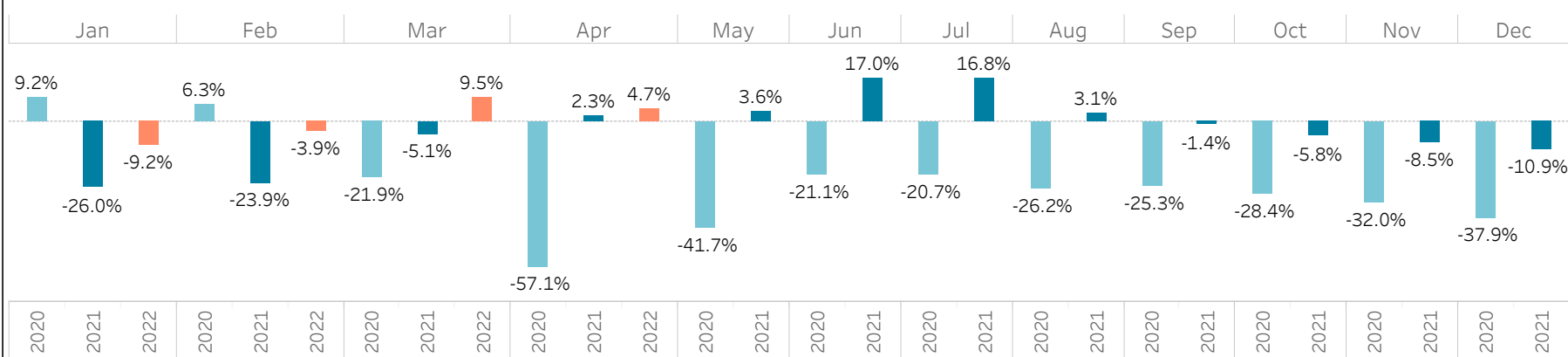
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Inpatient Admissions



Observation Visits



Section 2.3

Children's Hospitals Monthly Volume Changes Compared to 2019

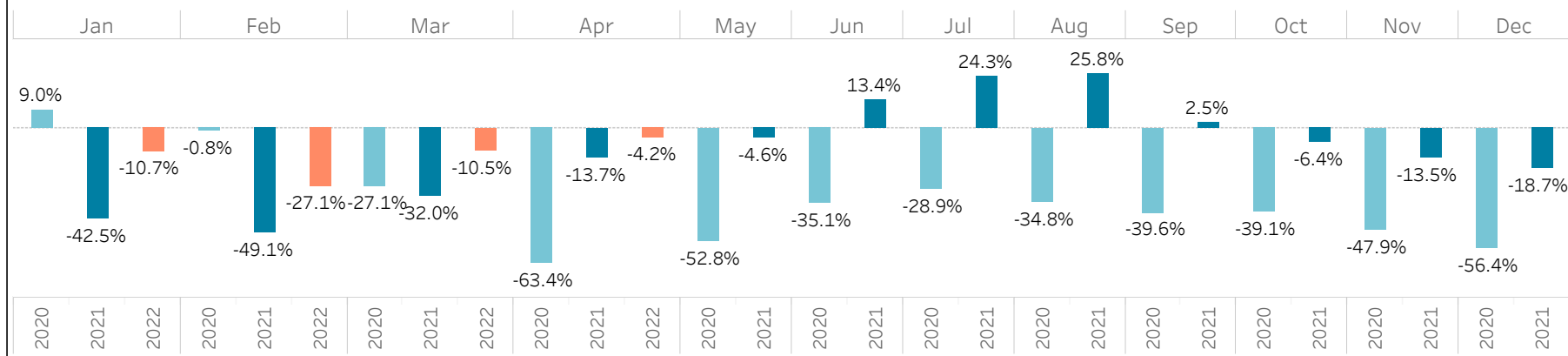
Data as of 4/30/2022

Childrens Hospital

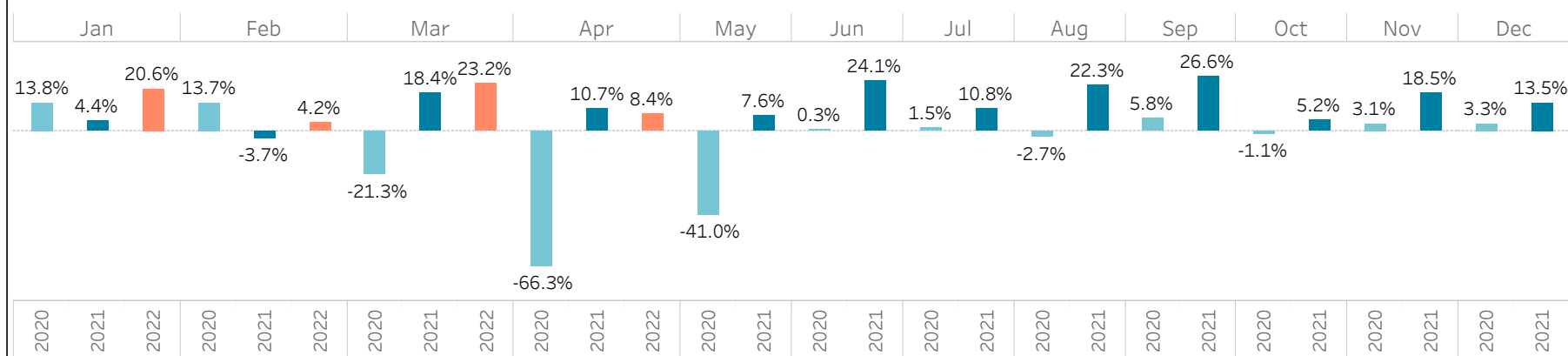
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Emergency Visits



Outpatient Visits



Section 2.4

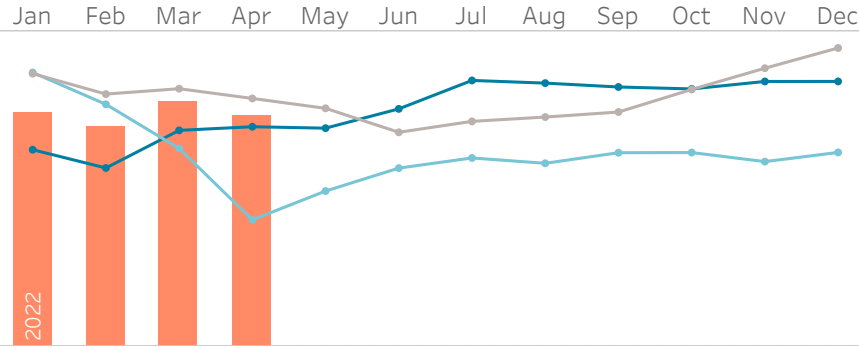
Children’s Hospitals Month over Month Volume 2019-2022

Data as of 4/30/2022

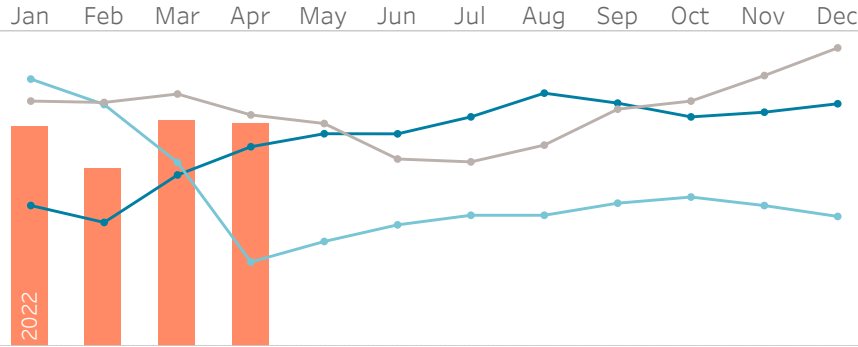
Childrens Hospital
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2019 2021
2020 2022

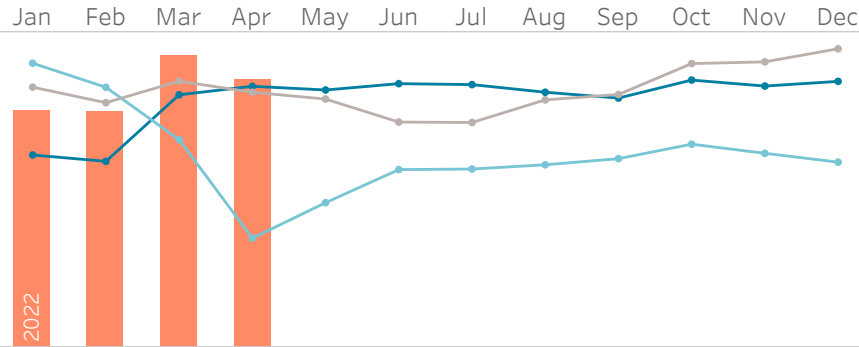
Inpatient Admissions



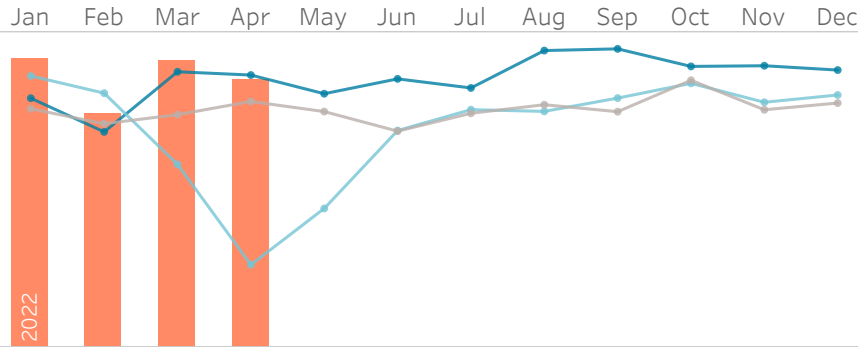
Emergency Visits



Observation Visits



Outpatient Visits



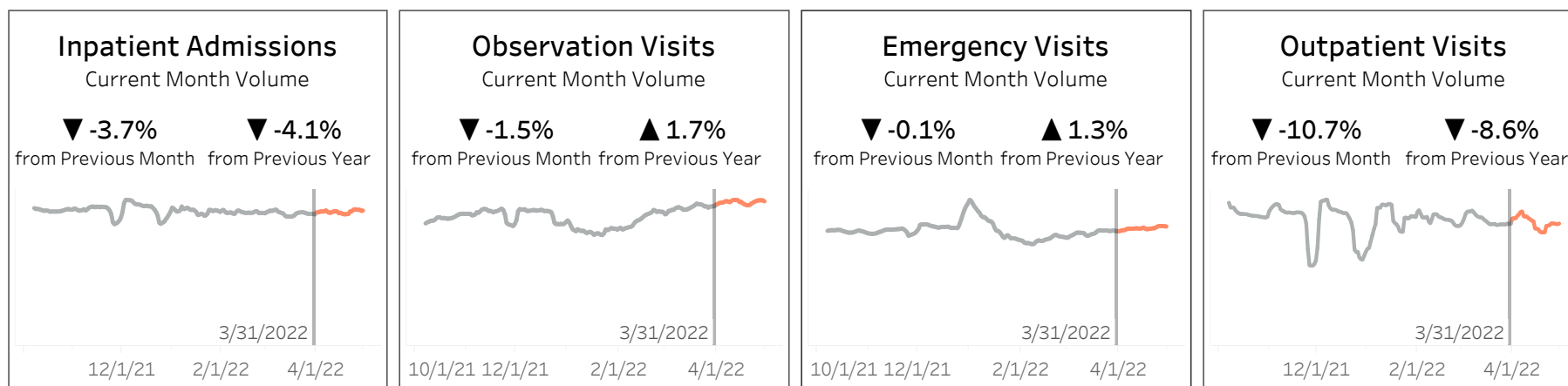
Section 3.1

Census Region-South Recent Volume Changes

Data as of 4/30/2022

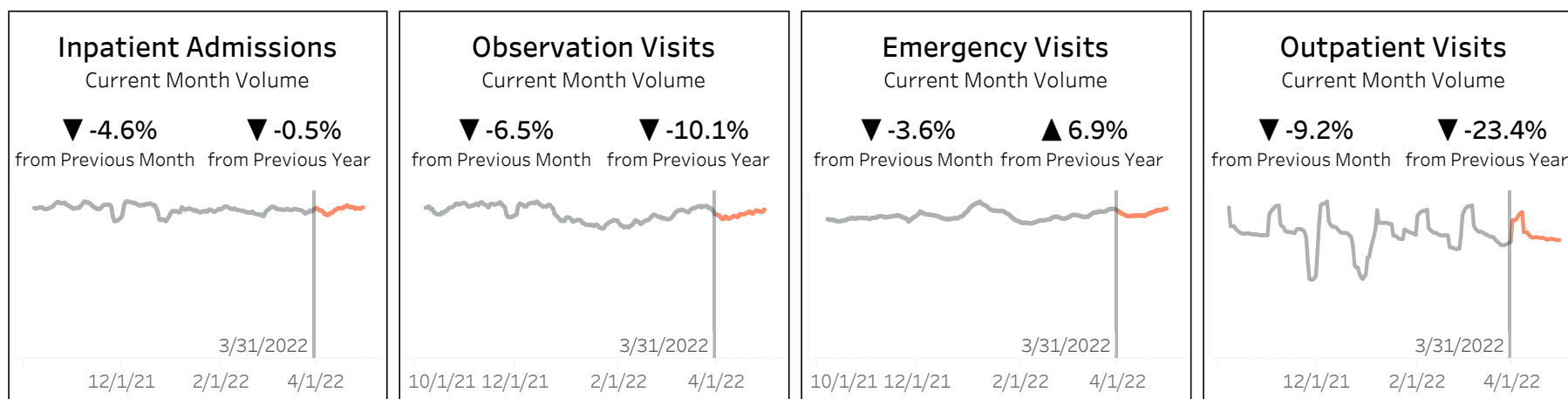
Historical Data

New Data



Census Region-West Recent Volume Changes

Data as of 4/30/2022



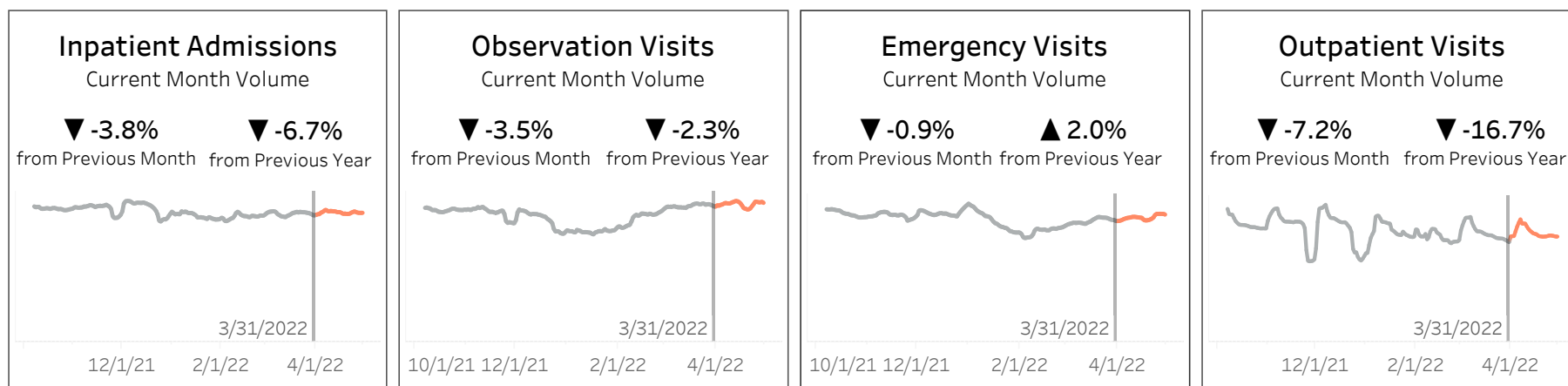
Section 3.2

Census Region-Midwest Volume Changes

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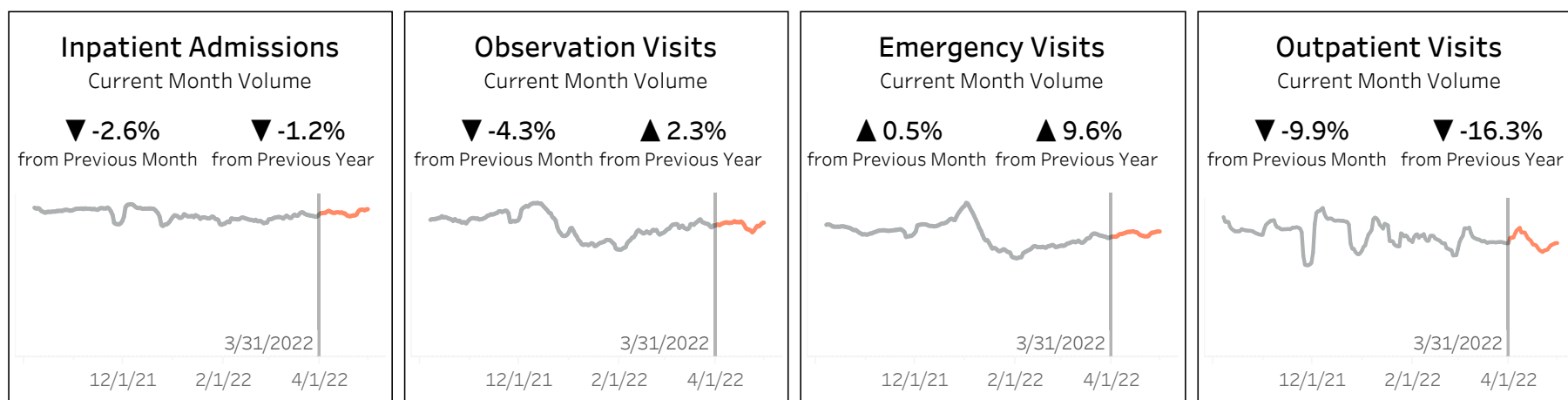
Historical Data

New Data



Census Region-Northeast Volume Changes

Data as of 4/30/2022



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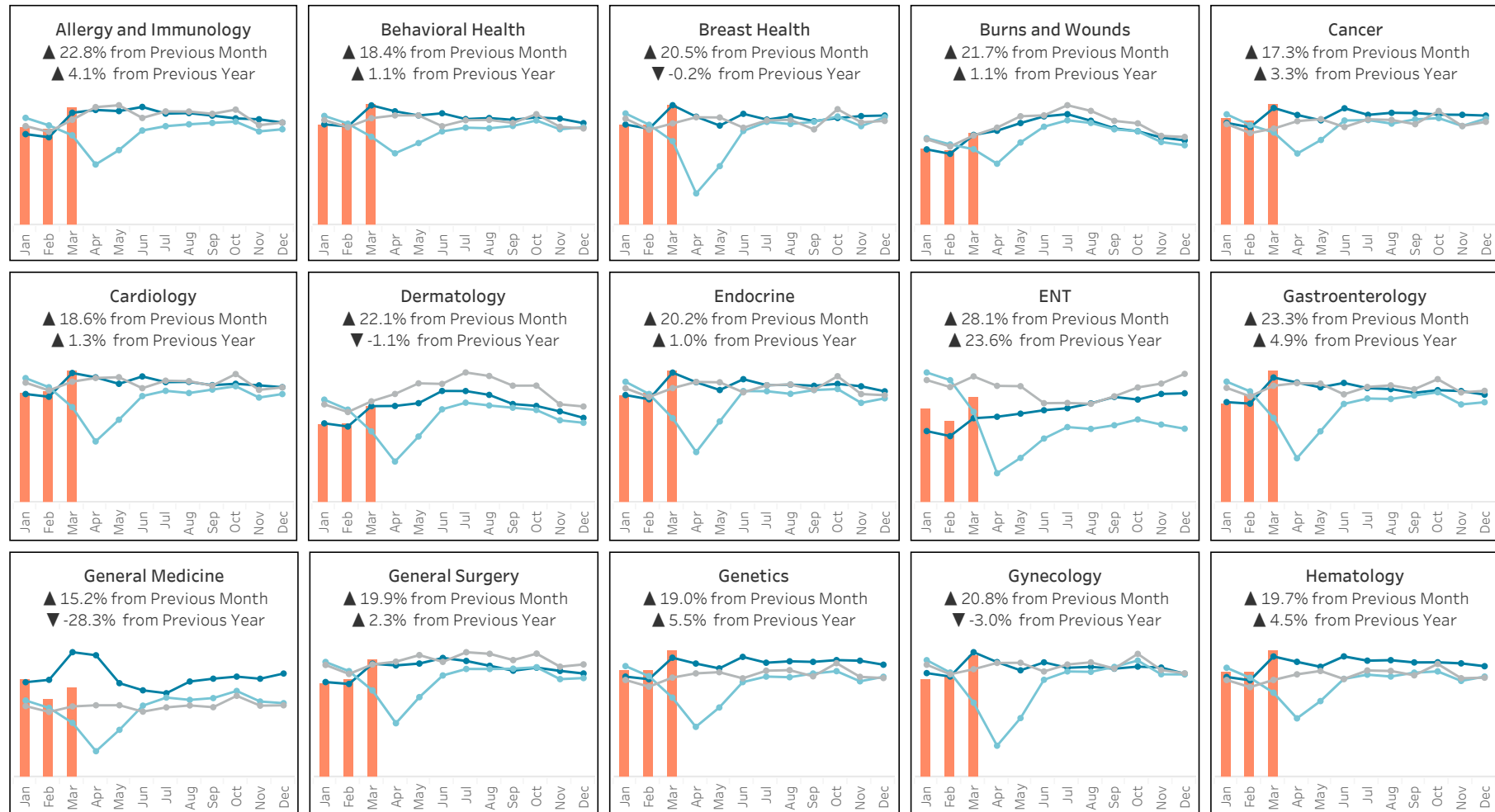
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Section 4.1

National Volume Changes by Service Line (IP & OP)

Data as of 3/31/2022

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2020 2022



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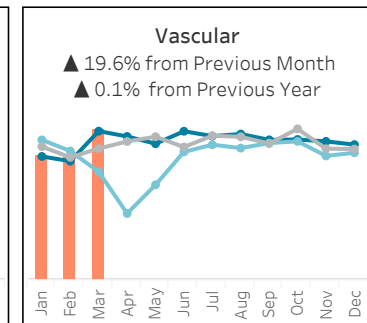
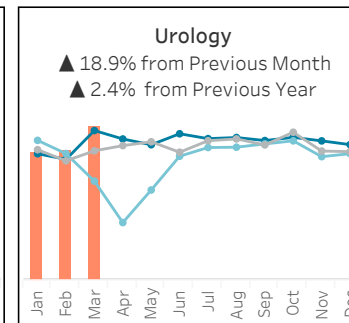
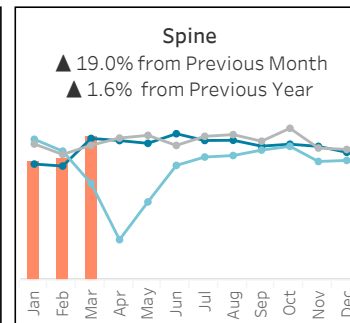
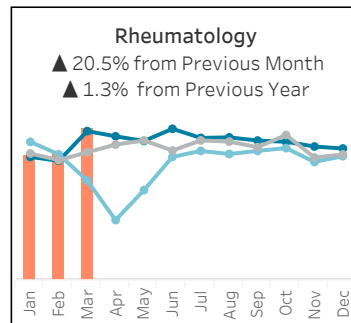
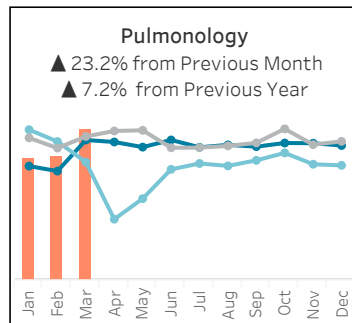
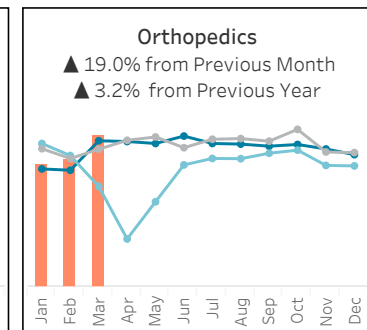
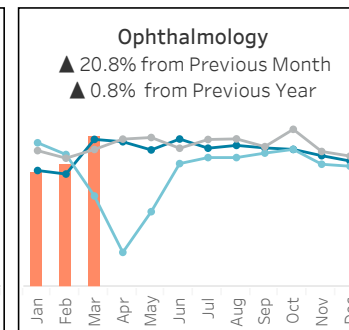
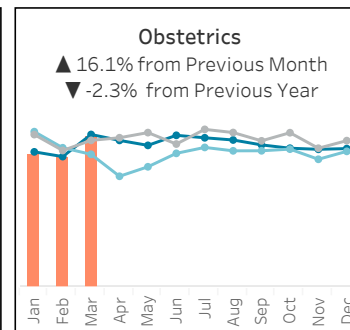
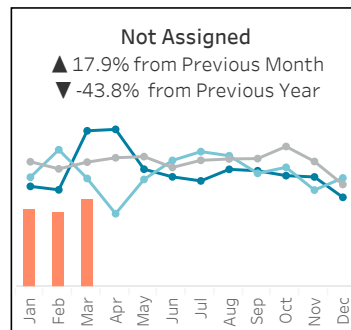
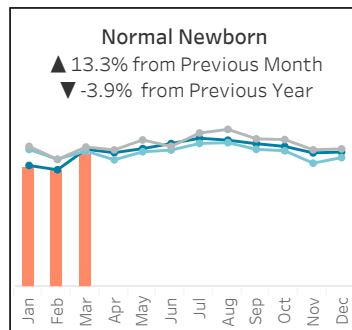
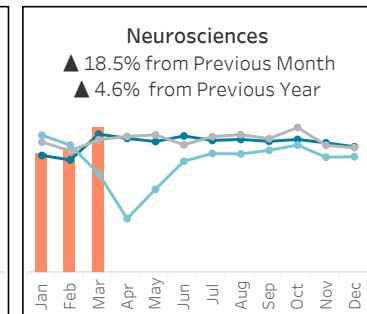
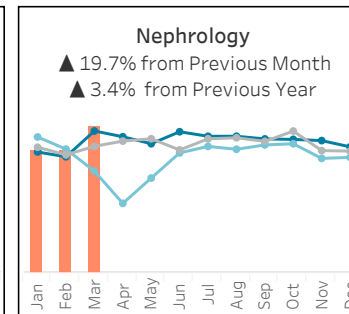
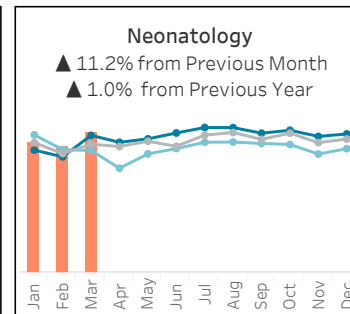
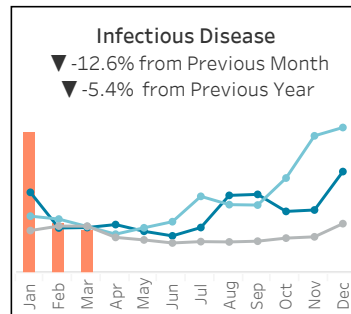
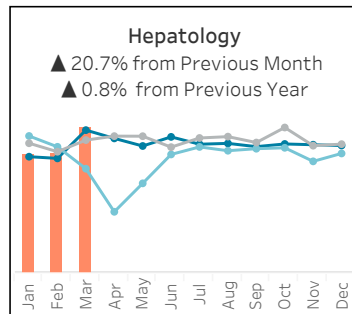
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Section 4.2

National Volume Changes by Service Line (IP & OP)

Data as of 3/31/2022



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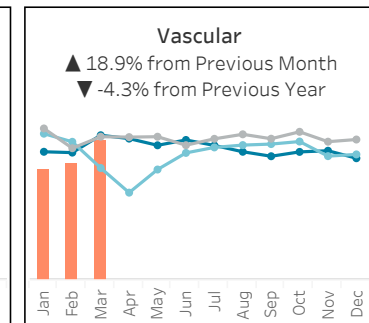
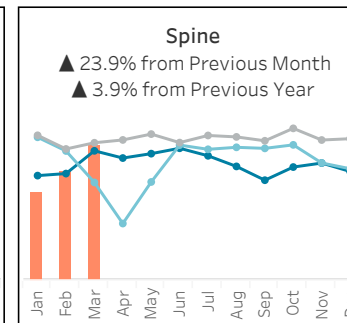
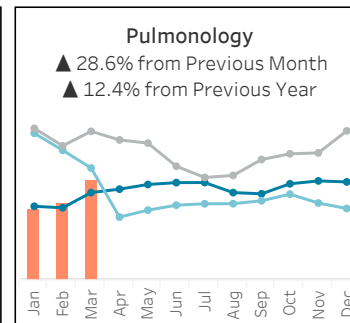
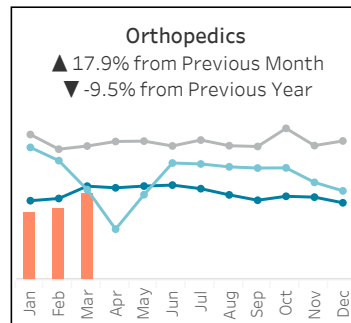
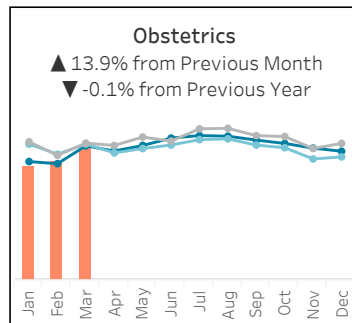
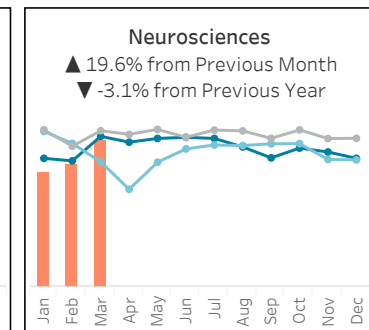
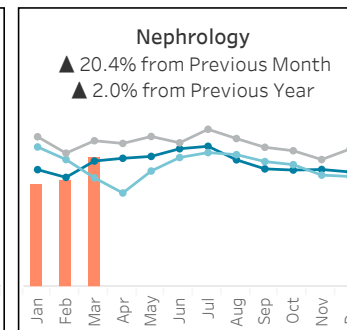
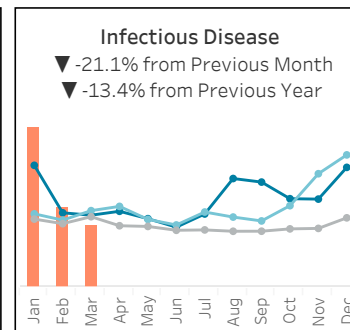
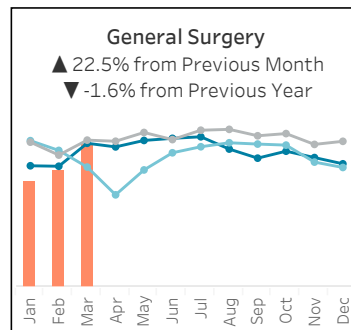
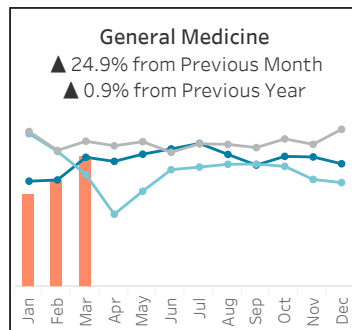
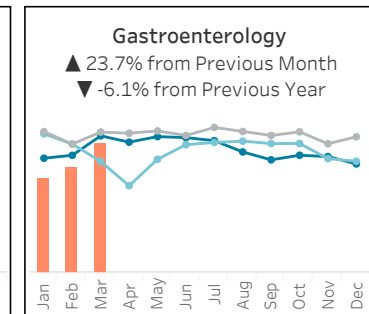
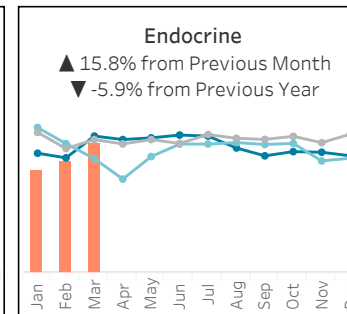
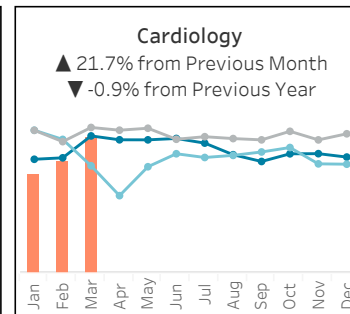
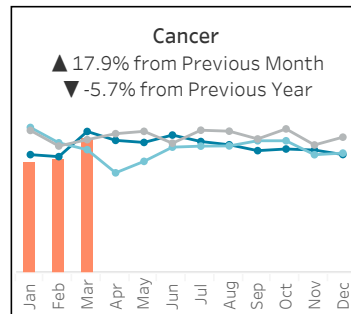
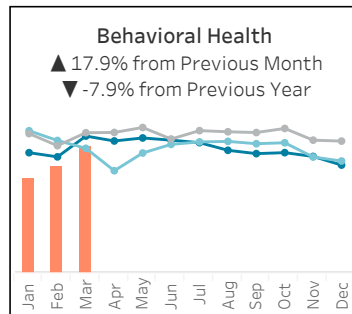
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Section 4.3

National Volume Changes by Service Line (IP Only)

Data as of 3/31/2022

2019 2021
2020 2022



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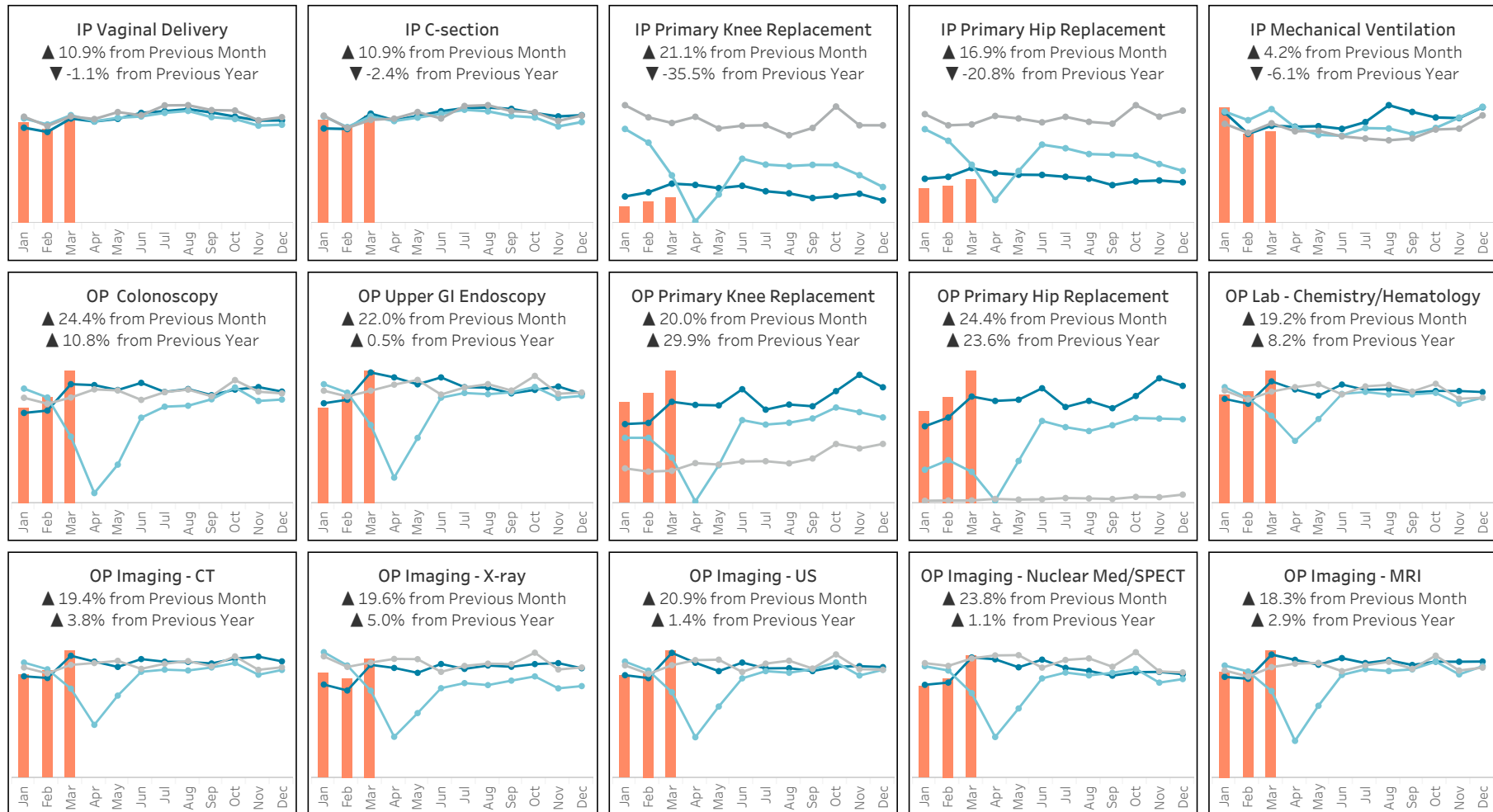
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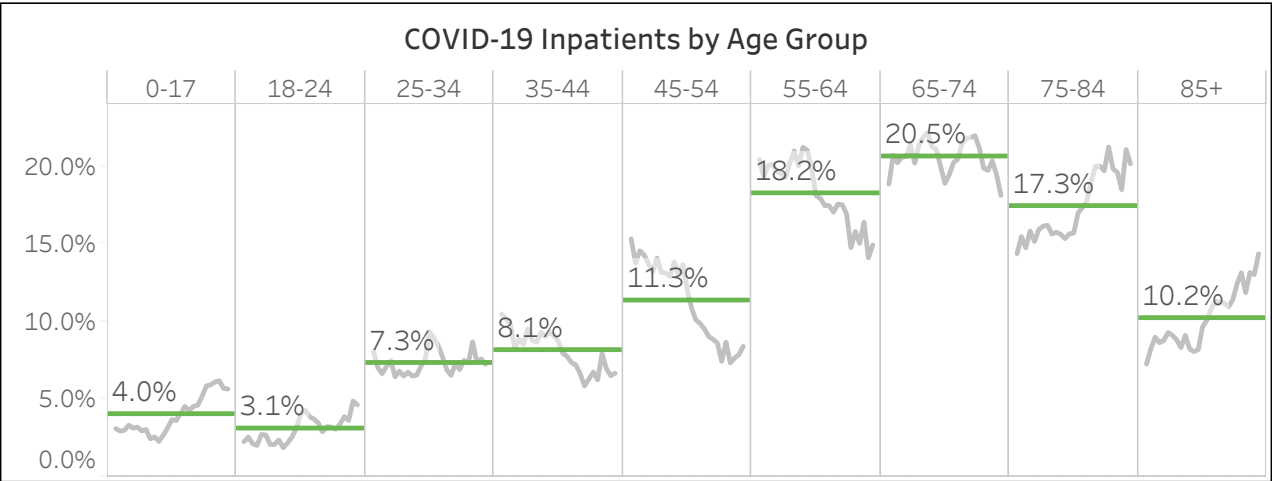
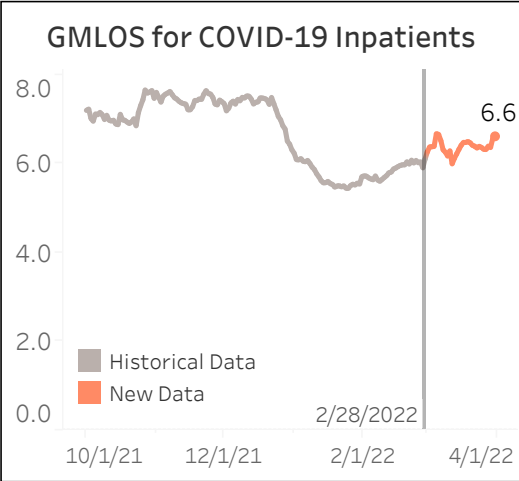
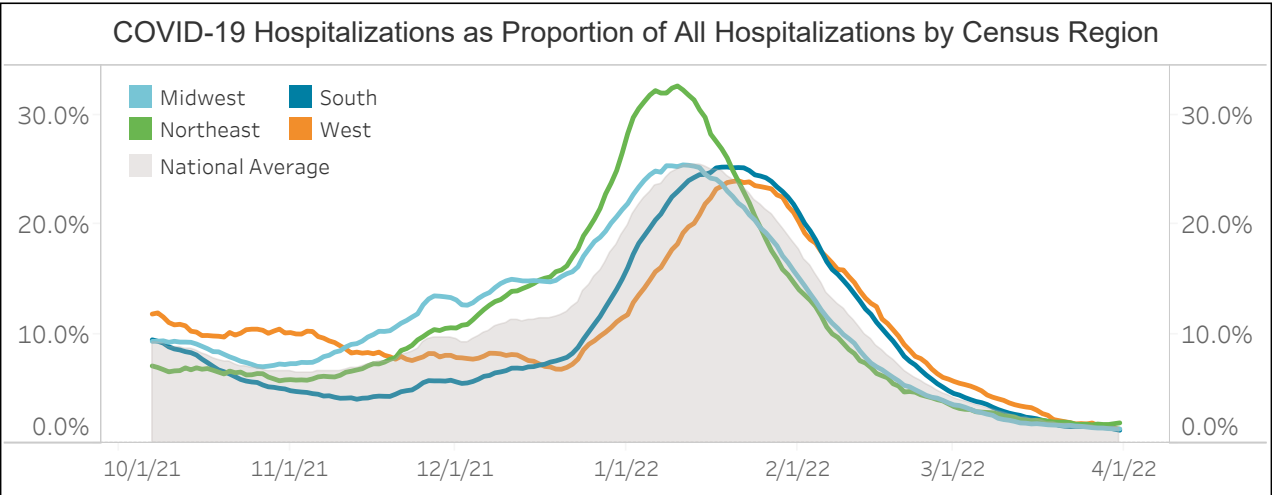
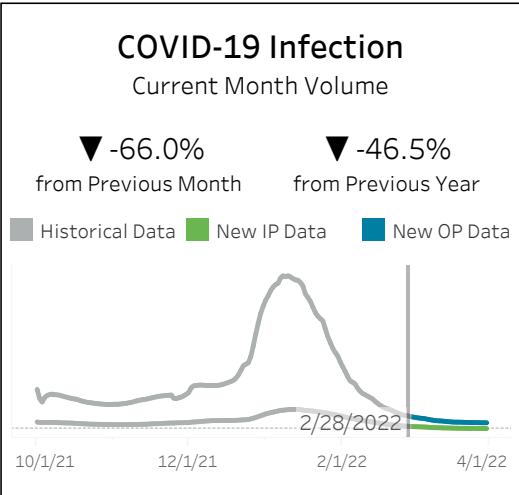
Section 5

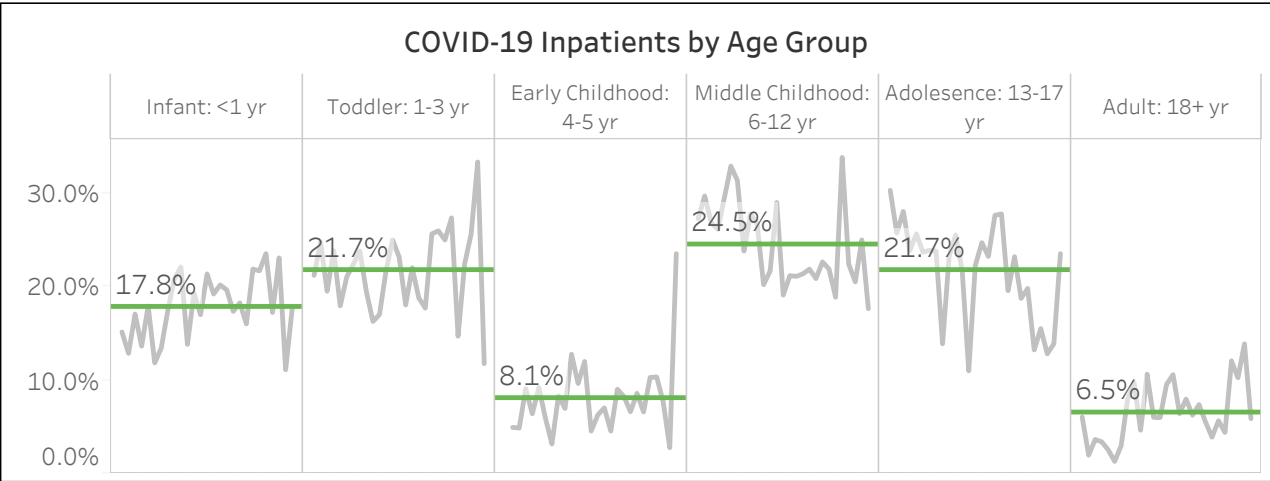
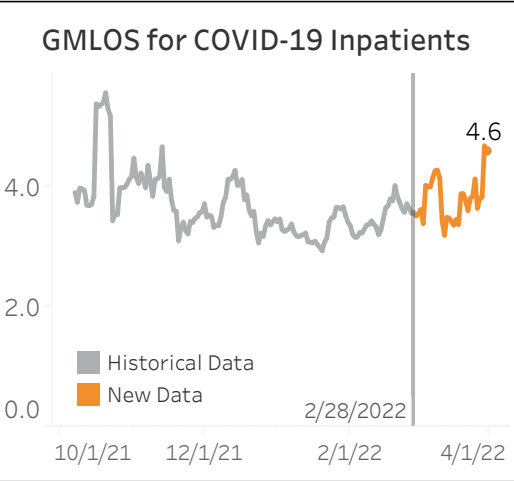
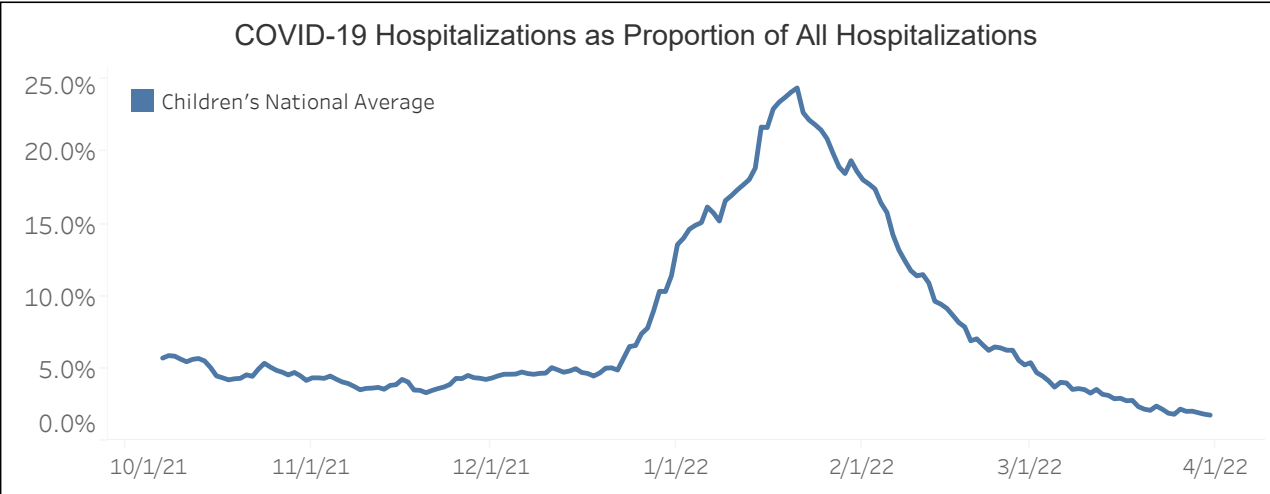
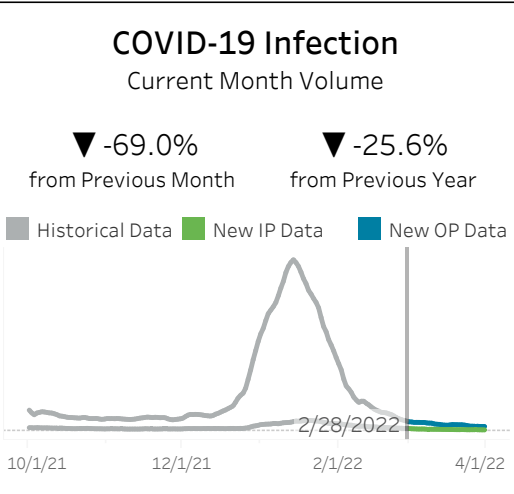
National Volume Changes by Procedure Type

Data as of 3/31/2022

2019 2021
2020 2022







Methodology

Data Source: 103 StrataSphere® health systems with StrataJazz® Decision Support. 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. Patient Types include inpatient, observation patient, emergency patient, outpatient and newborn, which are determined by the presence of associated UB revenue codes in encounter charges.

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 from previous year.

For the service line and procedure graphs: Service line and procedure groups 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.

For the COVID-19 summary graphs: COVID-19 infection status provided by the Sg2 CARE Grouper. Only encounters with ICD-10 diagnosis code U07.1 (indicating verified infection) are included.

GMLOS (Geometric mean length of stay) represents the n th root of the product of the LOS values for every COVID-19 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.