



# **A Preview of Upcoming COVID-19 Reporting & Data Availability in Your APCD Extracts**

## **Onpoint User Group Sessions**

**Jesse Drummond, PhD, Senior Health Data Analyst**  
October 21, 2020

# Raising Questions & Requesting Materials

- **During the meeting**
  - Please send all general-interest questions via Zoom’s chat panel
- **After the meeting**
  - Send client-specific and/or follow-up questions and requests for session materials to [events@onpointhealthdata.org](mailto:events@onpointhealthdata.org)
  - Visit our “Resources” page for future event listings at [www.onpointhealthdata.org/resources](http://www.onpointhealthdata.org/resources)

# Today's Discussion Topics

- COVID-19 and the importance of reliable data
- COVID-19 reporting
  - Dashboard walk-through
  - Pivot table walk-through
  - Operationalization of claim categories and metrics
- COVID-19 data considerations and future analyses

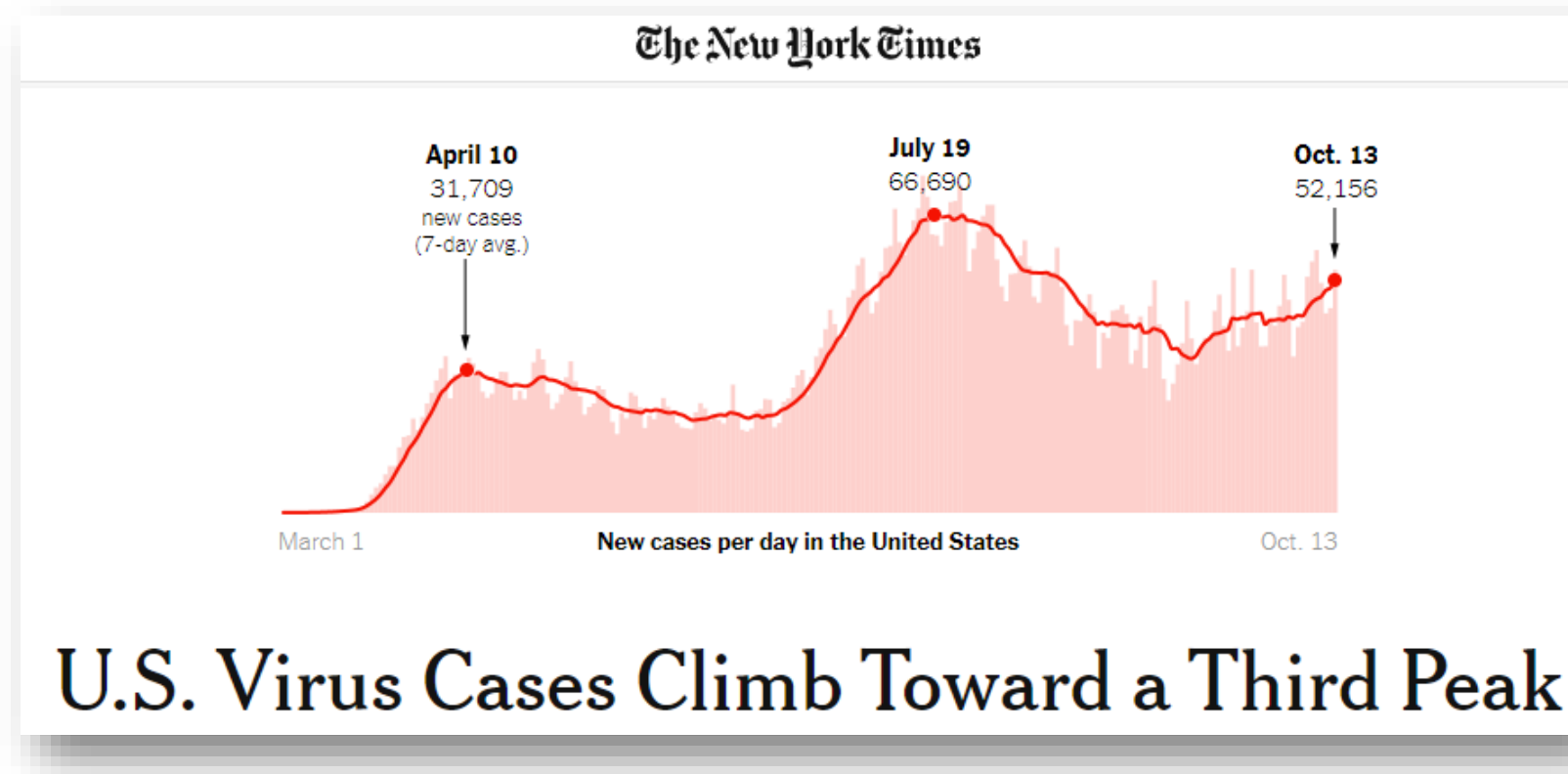


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- **COVID-19 & the Importance of Reliable Data**
- COVID-19 Reporting
  - Dashboard Walk-through
  - Pivot Table Walk-through
  - Operationalization of Claim Categories & Metrics
- COVID-19 Data Considerations & Future Analyses

# COVID-19

- Reliable data systems are critical in helping decision-makers understand the impact of the COVID-19 pandemic and plan an effective response



Source:

<https://www.nytimes.com/interactive/2020/10/15/us/coronavirus-cases-us-surge.html>

# COVID-19

JAMA Network

JAMA Health Forum

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## National Academies Report Advises on Allocation Priorities for a COVID-19 Vaccine



**HealthAffairs** TOPICS JOURNAL BLOG

### How The COVID-19 Pandemic Has Affected Provision Of Elective Services: The Challenges Ahead

The Commonwealth Fund

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What's Trending: COVID-19 Medicaid Work Requirements Non-ACA-Compliant Health Plans

## The Impact of the COVID-19 Pandemic on Outpatient Visits: Practices Are Adapting to the New Normal

HEALTH TECH STAT+

### As telemedicine catches fire, its earliest critics are embracing change — and still harboring doubts



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# COVID-19

## Reporting Purpose

- Purpose
  - Illustrate how the data in your extract may have been impacted by COVID-19
  - Facilitate drill-down into the data in the transmittal report
  - Provide coding guidance for targeted queries in the extract tables
- Key considerations
  - Analytic filters for denied claims or claims paid as primary **have not been applied**
  - Claims that do not have a full 3 months of paid run-out **are included**
- For today's session, data are from a **representative, simulated** data set



# COVID-19

## Reporting Format

- For those who receive transmittal reports, you will see two new tabs:
  1. COVID Trending
    - » Includes screenshots of a tracking dashboard across the entire extract and separately for commercial, Medicaid, and Medicare product types
  2. COVID Trending Pivot
    - » Includes raw data and a pivot table to allow drill-down in the transmittal report itself
- Coding guidance is included



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# COVID-19 Tracking Dashboard



## Extract Data Trends - All Product Types

Trends for 2019 and 2020 Service Dates for Selected Claim Categories

\*Data after 3/31/2020 are incomplete due to <3 months of run-out

### Extract Configuration

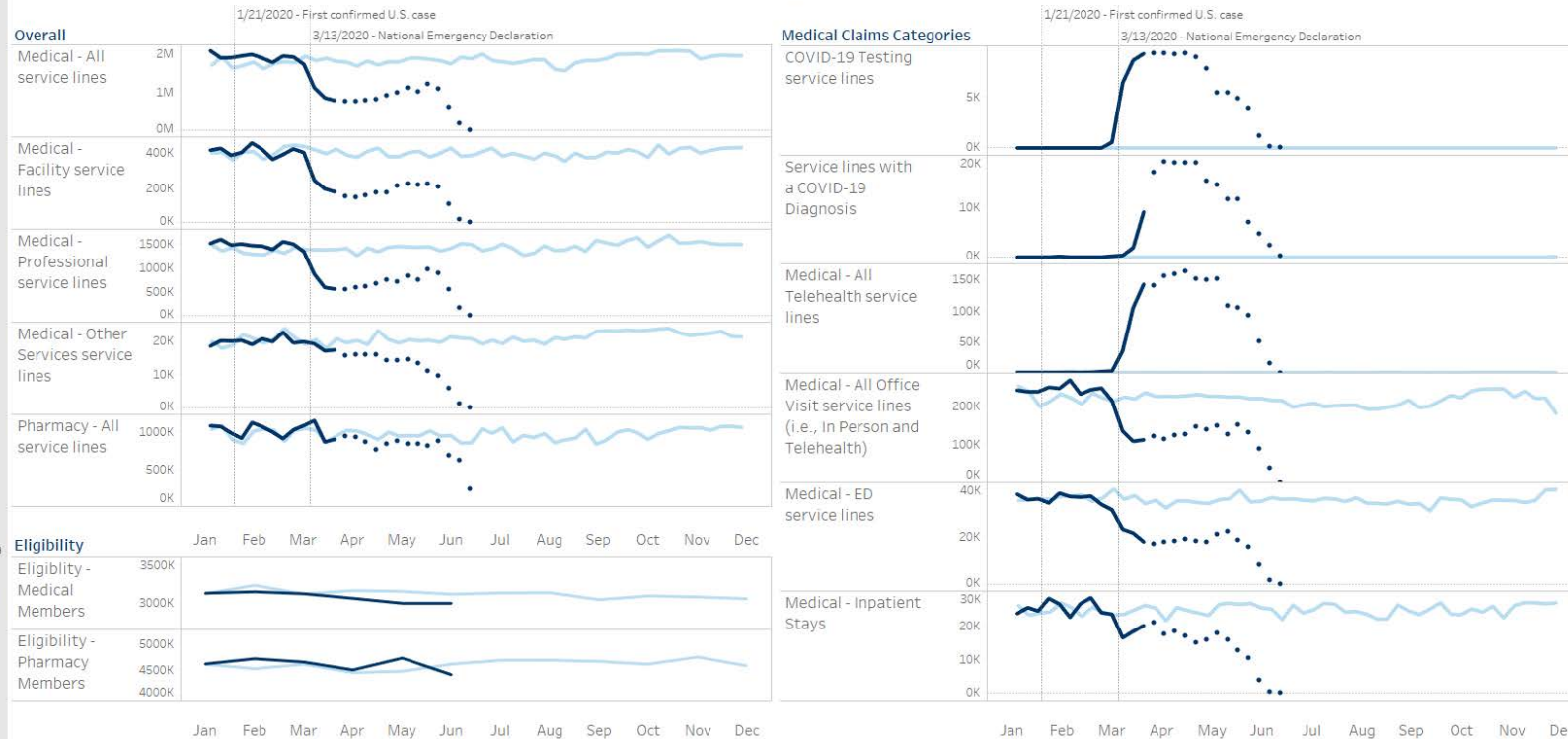
State:  
**DEMO State**  
 Client:  
**Demo Client**  
 Extract ID:  
**001**  
 Service Dates through:  
**6/30/2020**  
 Paid Dates through:  
**6/30/2020**

### Service Year

- 2019
- 2020
- 2020 with <3 months run-out\*

Note: Medical and pharmacy claims data are reported by week of service date, while eligibility is reported by month. Completeness of eligibility data does not depend on run-out.

Dates for first confirmed U.S. Case and National Emergency Declaration were provided by NBC News: <https://www.nbc-news.com/health/health-news/coronavirus-timeline-tracking-critical-moments-covid-19-n1154341>



*\* Data are from a representative, simulated data set*

# COVID-19

## Tracking Dashboard (cont.)

### Extract Data Trends - All Product Types

Trends for 2019 and 2020 **Service Dates** for Selected Claim Categories

\*Data after 3/31/2020 are incomplete due to <3 months of run-out

# COVID-19

## Tracking Dashboard (cont.)



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Extract Configuration

State:  
DEMO State

Client:  
Demo Client

Extract ID:  
001

Service Dates through:  
6/30/2020

Paid Dates through:  
6/30/2020

Service Year

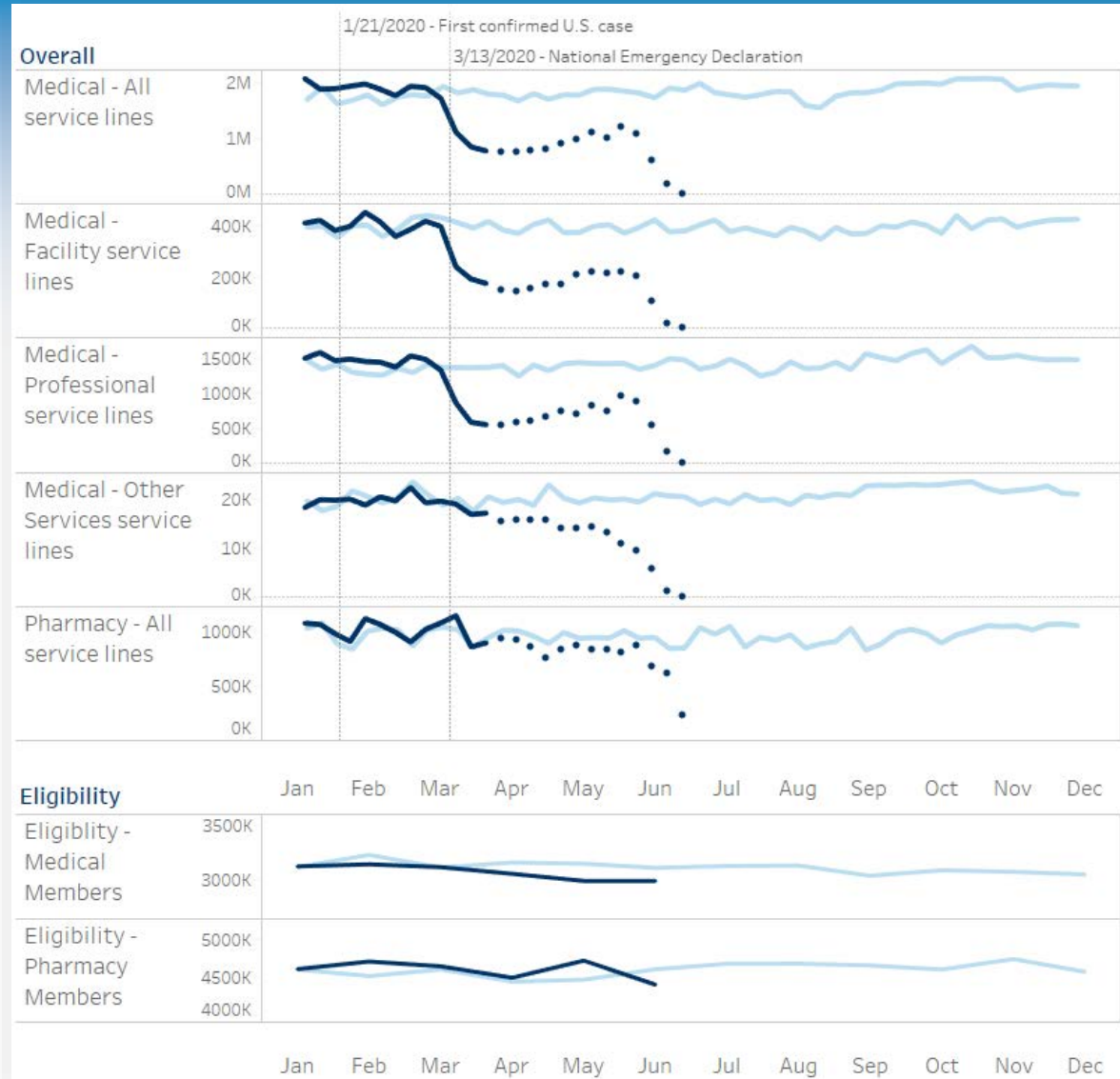
- 2019
- 2020
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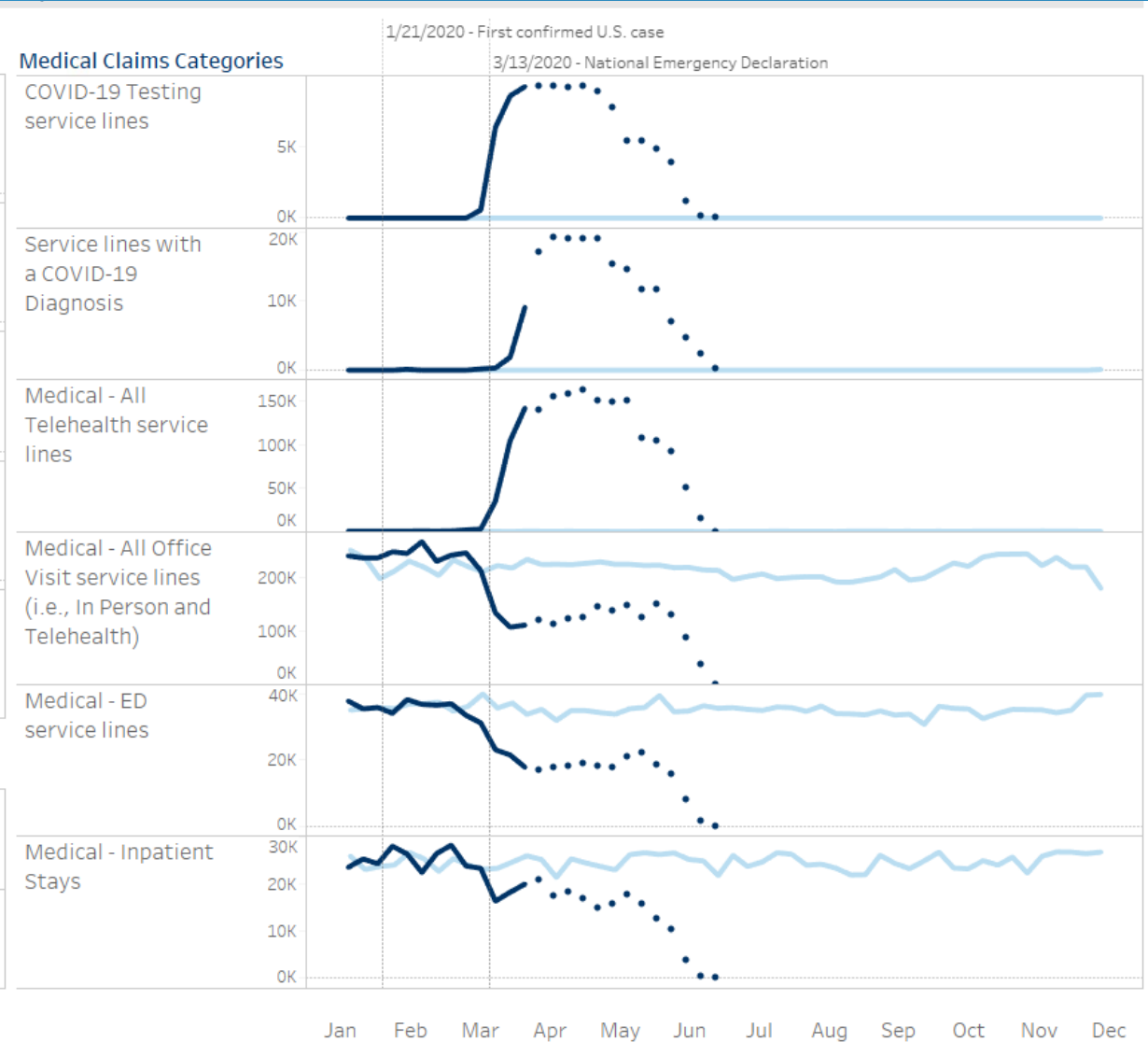
## Tracking Dashboard (cont.)



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# COVID-19

## Tracking Dashboard (cont.)

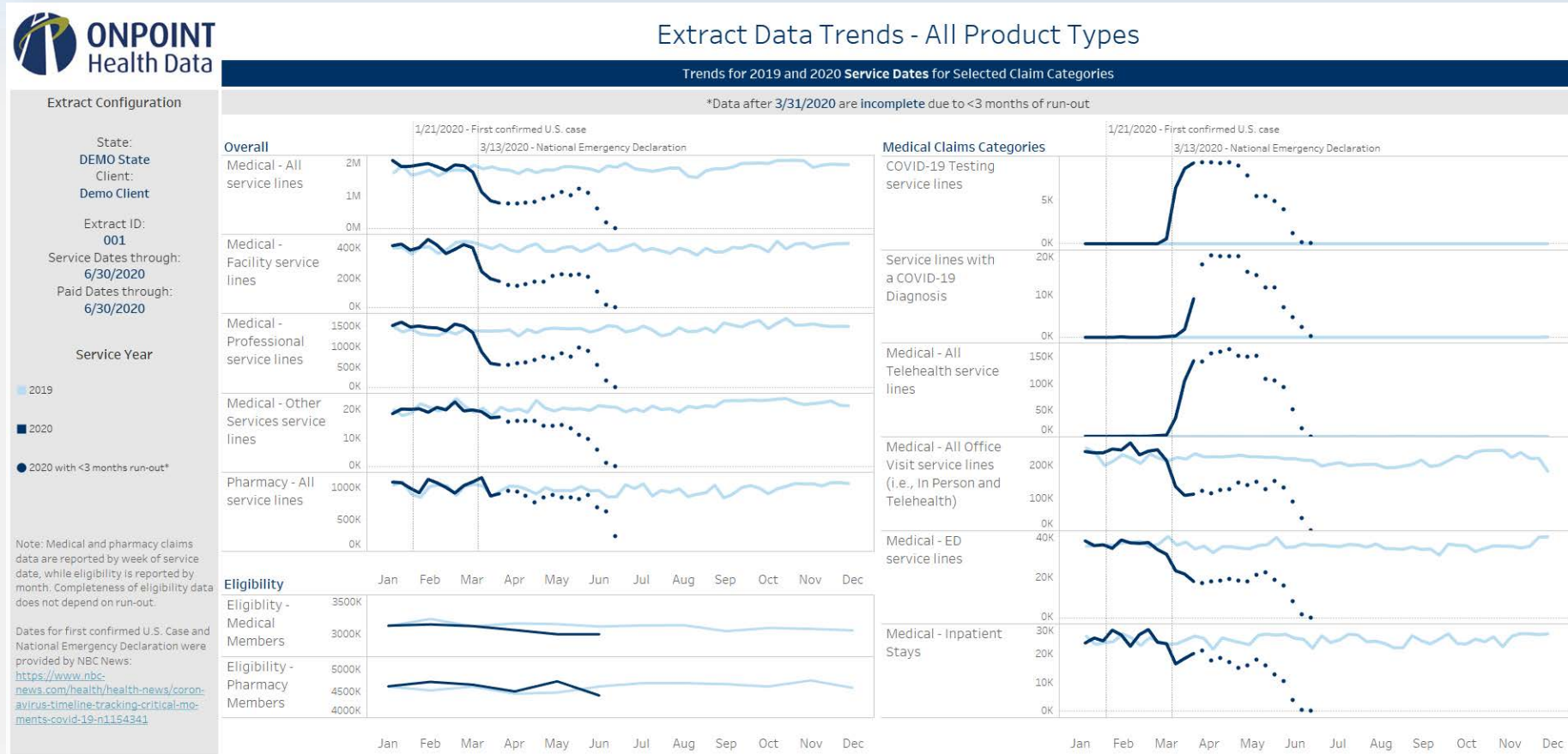


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# COVID-19

## Tracking Dashboard (cont.)



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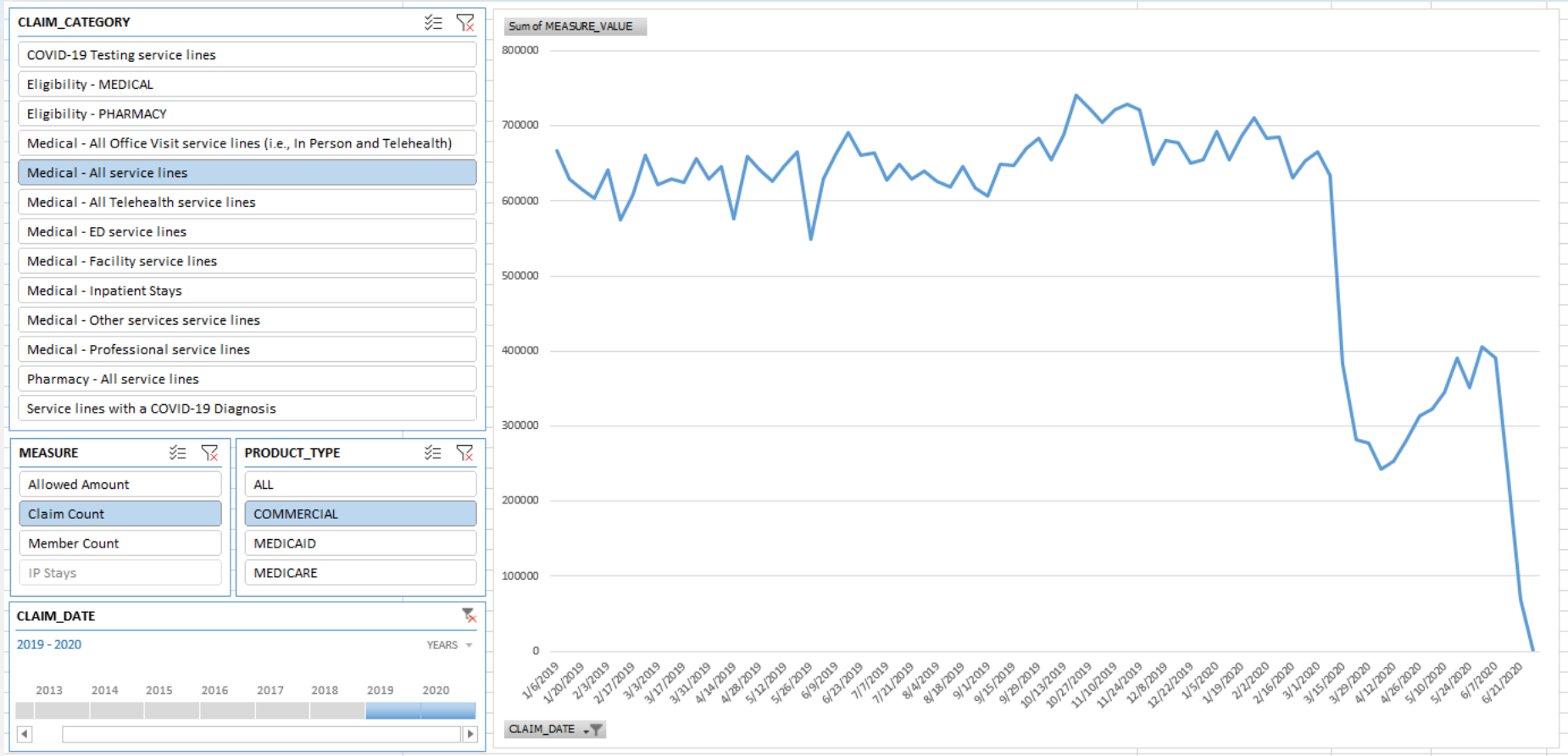


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# COVID-19

## Trending Pivot



\* Data are from a representative, simulated data set

# COVID-19

## Trending Pivot (cont.)

CLAIM_DATE	CLAIM_CATEGORY	PRODUCT_TYPE	MEASURE	MEASURE_VALU
1/1/2012	COVID-19 Testing service lines	ALL	Claim Count	0
1/1/2012	COVID-19 Testing service lines	COMMERCIAL	Claim Count	0
1/1/2012	COVID-19 Testing service lines	MEDICAID	Claim Count	0
1/1/2012	COVID-19 Testing service lines	MEDICARE	Claim Count	0
1/8/2012	COVID-19 Testing service lines	ALL	Claim Count	0
1/8/2012	COVID-19 Testing service lines	COMMERCIAL	Claim Count	0
1/8/2012	COVID-19 Testing service lines	MEDICAID	Claim Count	0
1/8/2012	COVID-19 Testing service lines	MEDICARE	Claim Count	0
1/15/2012	COVID-19 Testing service lines	ALL	Claim Count	0
1/15/2012	COVID-19 Testing service lines	COMMERCIAL	Claim Count	0
1/15/2012	COVID-19 Testing service lines	MEDICAID	Claim Count	0
1/15/2012	COVID-19 Testing service lines	MEDICARE	Claim Count	0
1/22/2012	COVID-19 Testing service lines	ALL	Claim Count	0
1/22/2012	COVID-19 Testing service lines	COMMERCIAL	Claim Count	0

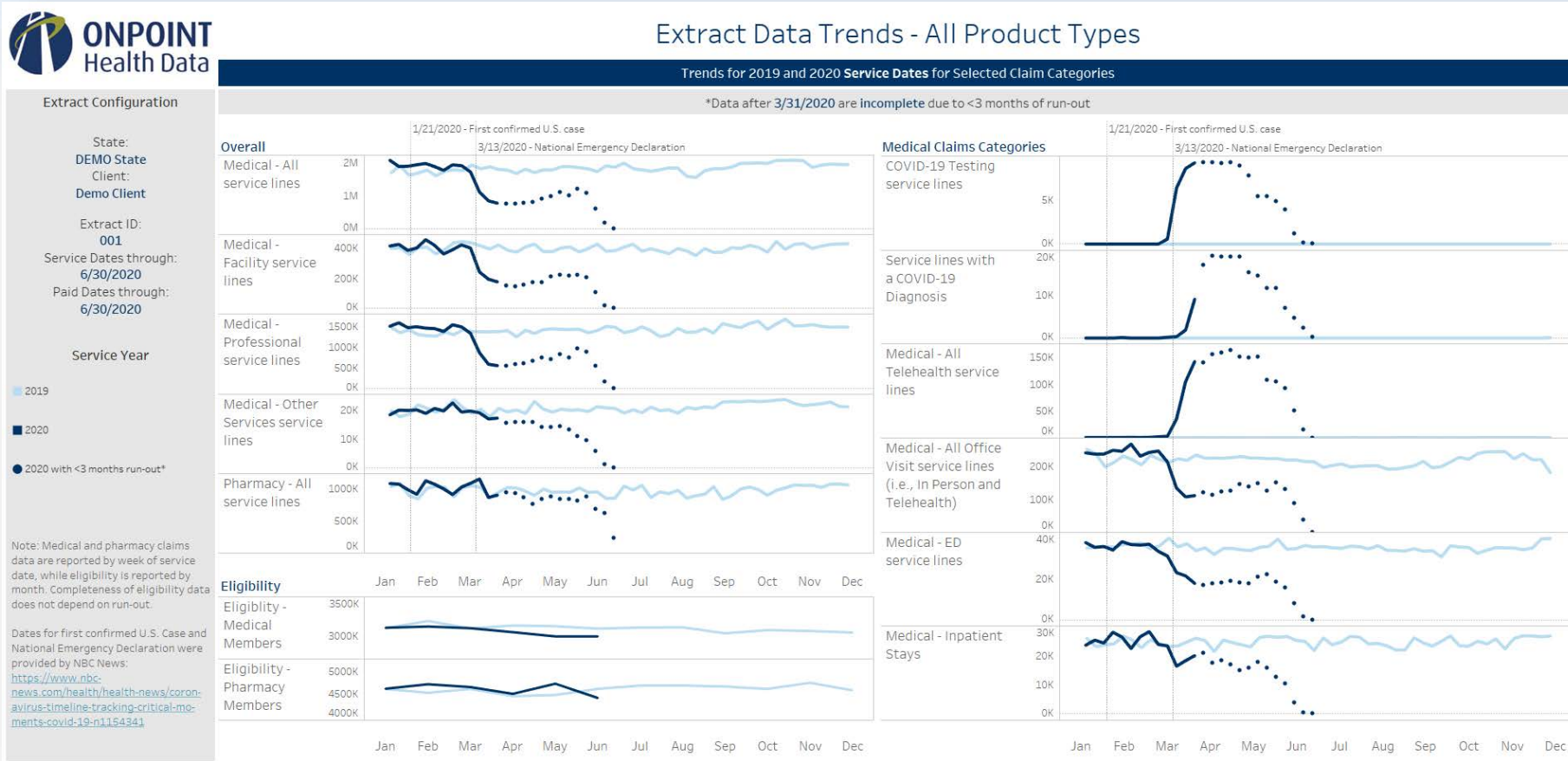
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# COVID-19 Tracking Dashboard



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## Operationalization of Claim Categories & Metrics

Claim Category	Definition	Date basis
Medical - All service lines	Service line count from the Medical table	Week of Service date
Medical - Facility service lines	Service line count from the Medical table where claim_type_id = 1	Week of Service date
Medical - Professional service lines	Service line count from the Medical table where claim_type_id = 2	Week of Service date
Medical - Other Services service lines	Service line count from the Medical table where claim_type_id = 3	Week of Service date
Pharmacy - All service lines	Service line count from the Pharmacy table	Week of Prescription filled date
Eligibility - Medical Members	Distinct internal_member_id count from the Eligibility table where coverage class = 'MEDICAL'	Eligibility month
Eligibility - Pharmacy Members	Distinct internal_member_id count from the Eligibility table where coverage class = 'PHARMACY'	Eligibility month

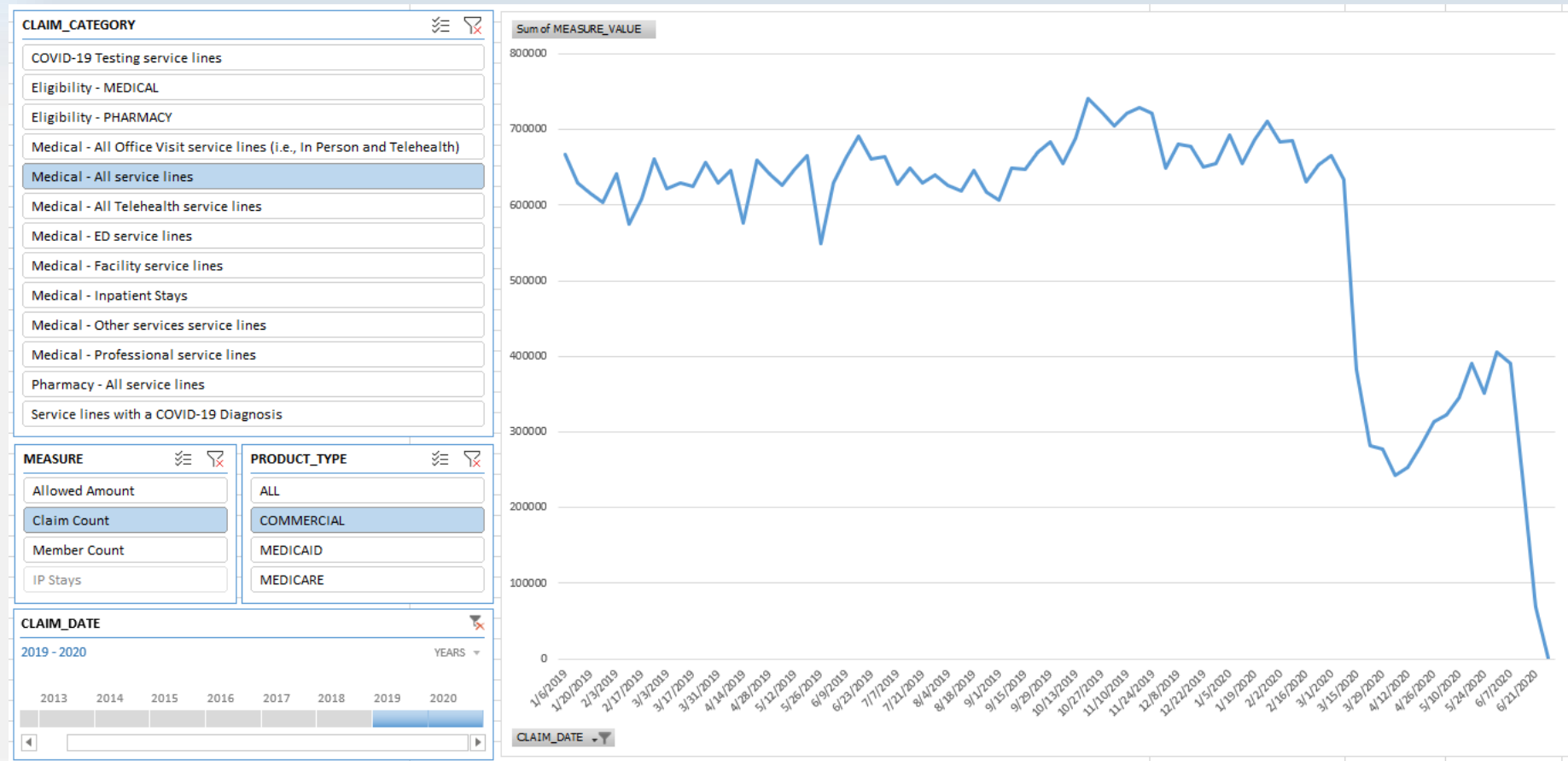
# COVID-19

## Operationalization of Claim Categories & Metrics (cont.)

Claim Category	Definition	Date basis
COVID-19 Testing service lines	Service line count from the Medical table where the procedure code is in the following list: U0001, U0002, 87635, 87636, 87637	Week of Service date
Service lines with a COVID-19 Diagnosis	Service line count from the Medical table where any diagnosis code on the claim service line is one of the following: U071, U072	Week of Service date
Medical - All Telehealth service lines	Service line count from the Medical table where the service line meets any of the following criteria: the place of service id = 50; any of the 4 procedure modifier codes = GT, GQ, 95, or G0 (zero); or the procedure code is in the following list: 98966, 98967, 98968, 98969, 99421, 99422, 99423, 99441, 99442, 99443, 99444, 99445, 99446, 99447, 99448, 99449, 99450, 99451, 99452, G2012.	Week of Service date
Medical - All Office Visit service lines (i.e.)	Service line count from the Medical table where the procedure code is in the following list: 99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215	Week of Service date
Medical - ED service lines	Service line count from the Medical table where the emergency_room_flag='Y'	Week of Service date
Medical - Inpatient Stays	Distinct inpatient_discharge_id count from the Inpatient Stay Summary table	Week of Admit date

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## Trending Pivot



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## Operationalization of Additional Metrics

Measure	Definition
Allowed Amount	Sum of paid_amt + copay_amt + deductible_amt + coinsurance_amt
Claim Count	Table row counts
Member Count	Count of distinct internal_member_ids
Inpatient Stays	Count of distinct inpatient_discharge_ids



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## Considerations & Future Directions

- Considerations
  - Note run-out when analyzing data
  - Not all COVID-19 tests are captured in the claims
- Future directions
  - Hospital resource planning to handle surges in cases
  - Vaccine planning
  - Effectiveness of telehealth services



# Questions & Answers



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# Looking Ahead to the Next User Group Session

# Next User Group Session: December 9

- Review upcoming data enhancements to be released at the end of 2020
  - Service-line flagging
  - FIPS and ZIP-to-FIPS reference tables
- Methodology and associated documentation to support your analytic and research initiatives



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