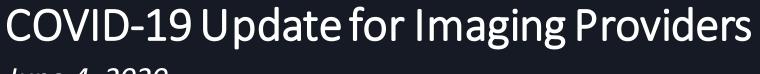
Webinar starts at 12:00 PDT / 3:00 EDT



June 4, 2020







Today's Presenters



Joe Schmugge VP of Operations vRad



Brian A. Solomon, MD

Chairman and Medical Director

Department of Radiology

Pottstown Hospital, Tower Health



Benjamin W. Strong, MD

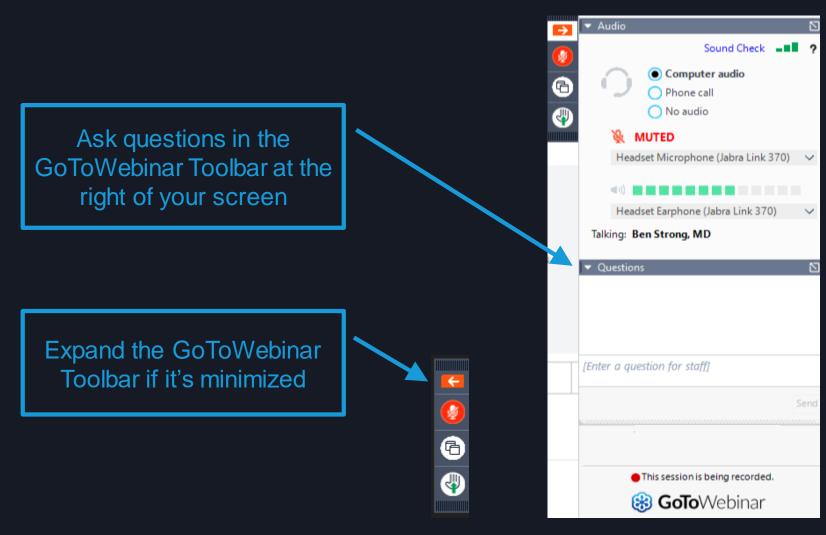
Chief Medical Officer

vRad



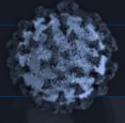


Live Q&A and Audience Polls









Volume analysis

Memorial weekend

Local response

Clinical trending

Q&A



Joe Schmugge VP of Operations vRad

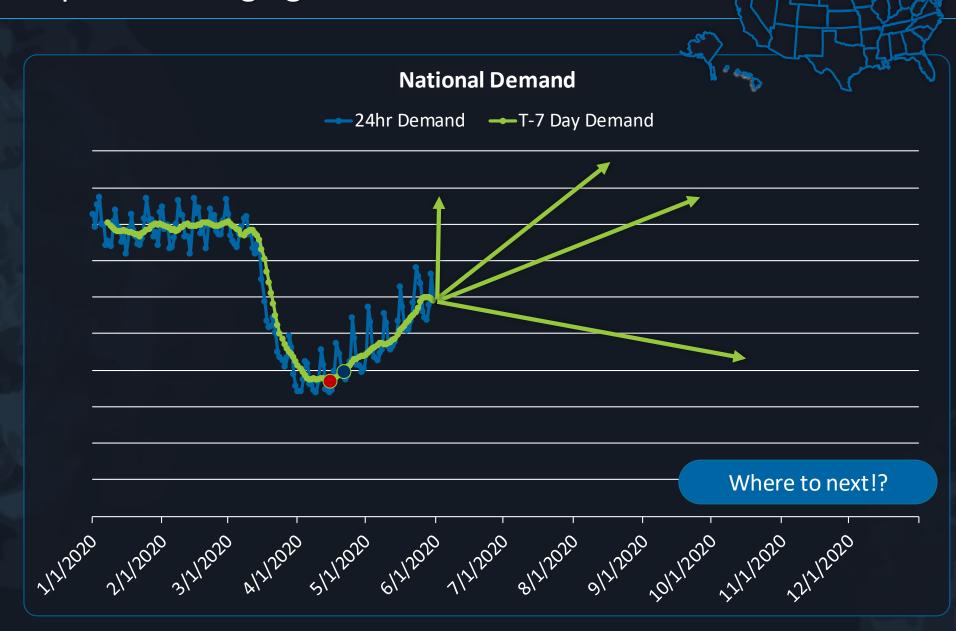
Regional Demand

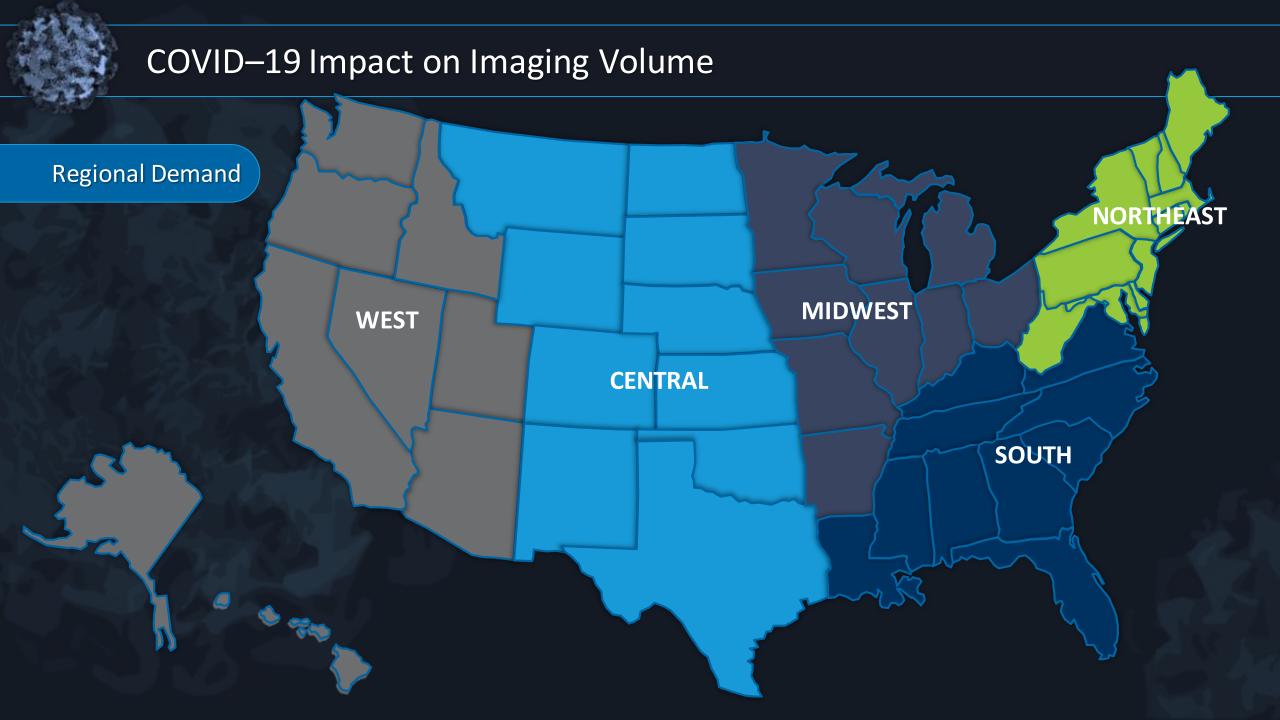
Modality Trend

Time-of-Day

Patient Age

Patient Gender





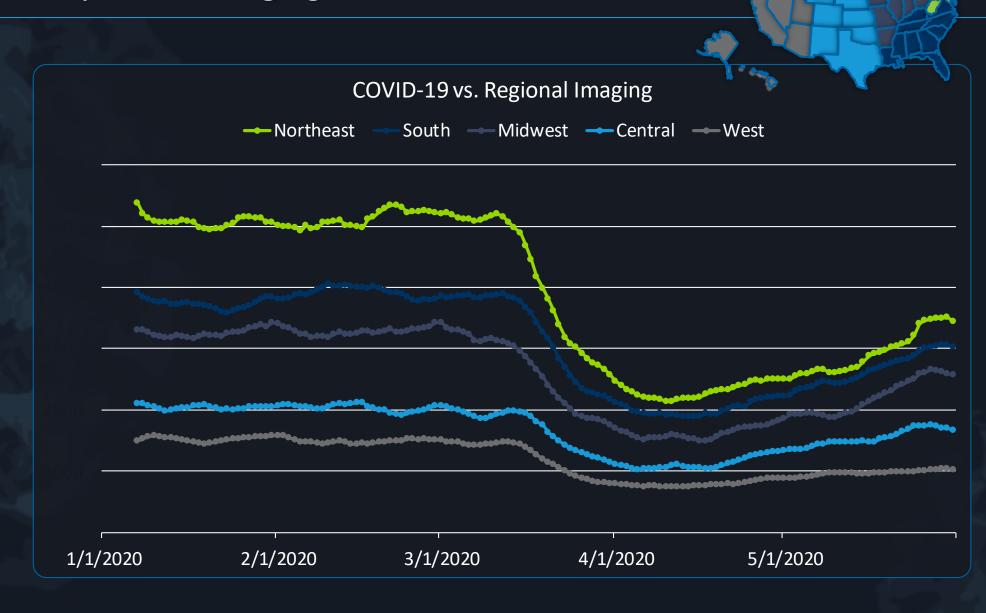
Regional Demand

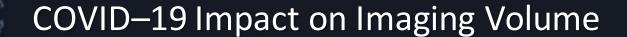
Modality Trend

Time-of-Day

Patient Age

Patient Gender









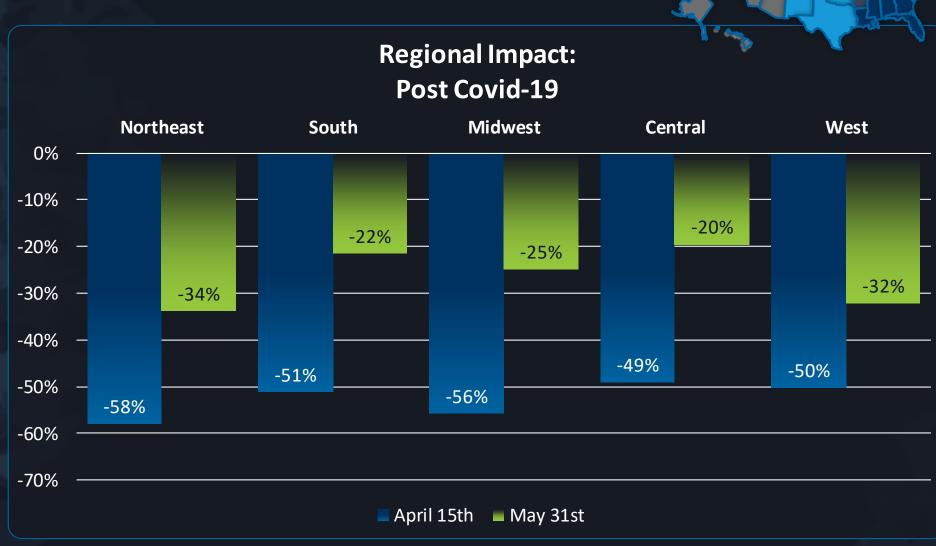
Regional Demand

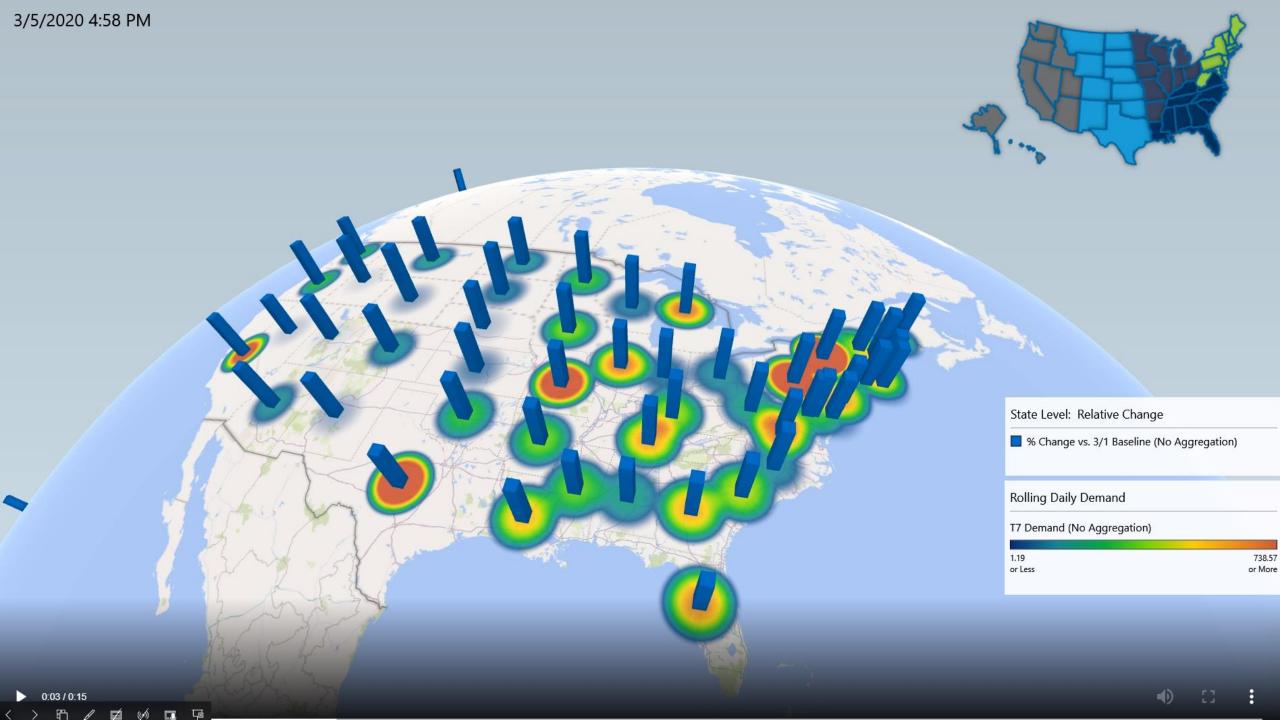
Modality Trend

Time-of-Day

Patient Age

Patient Gender





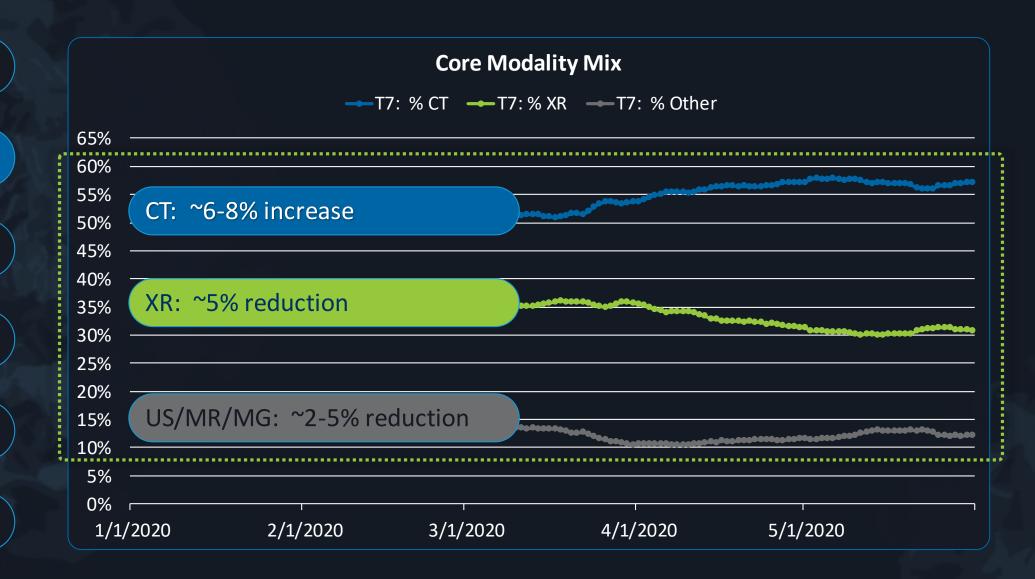
Regional Demand

Modality Trend

Time-of-Day

Patient Age

Patient Gender



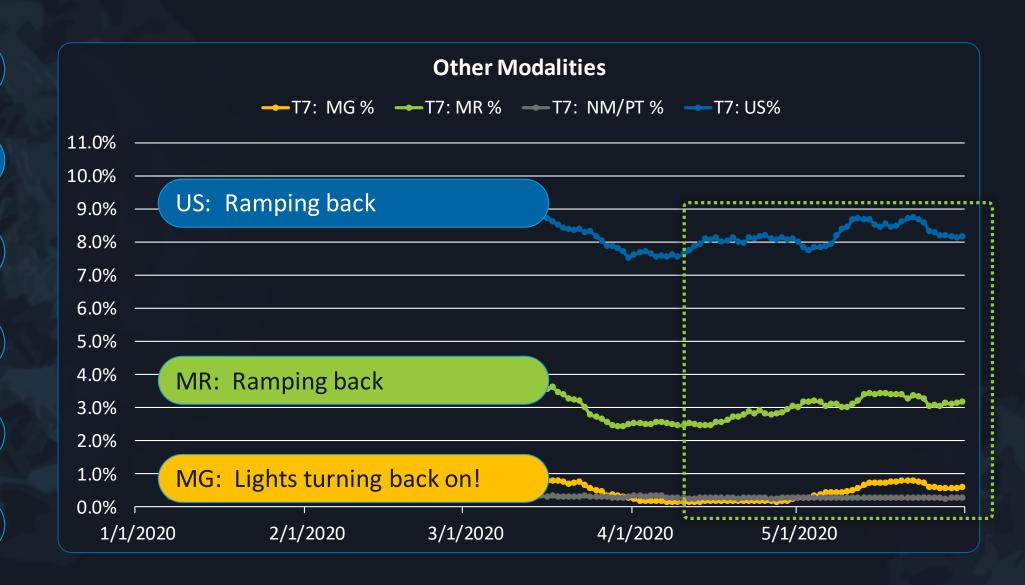
Regional Demand

Modality Trend

Time-of-Day

Patient Age

Patient Gender



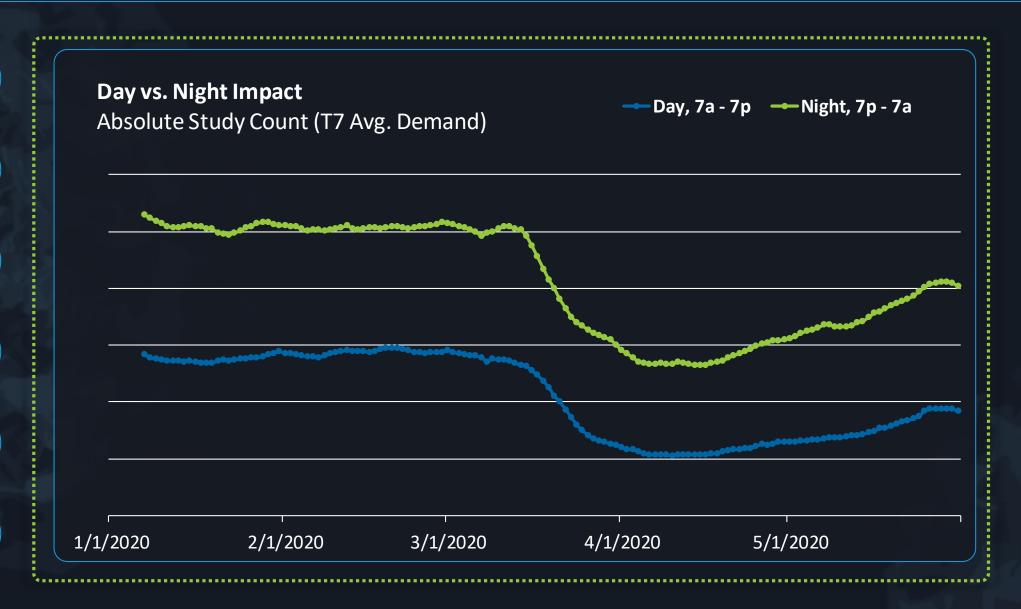
Regional Demand

Modality Trend

Time-of-Day

Patient Age

Patient Gender



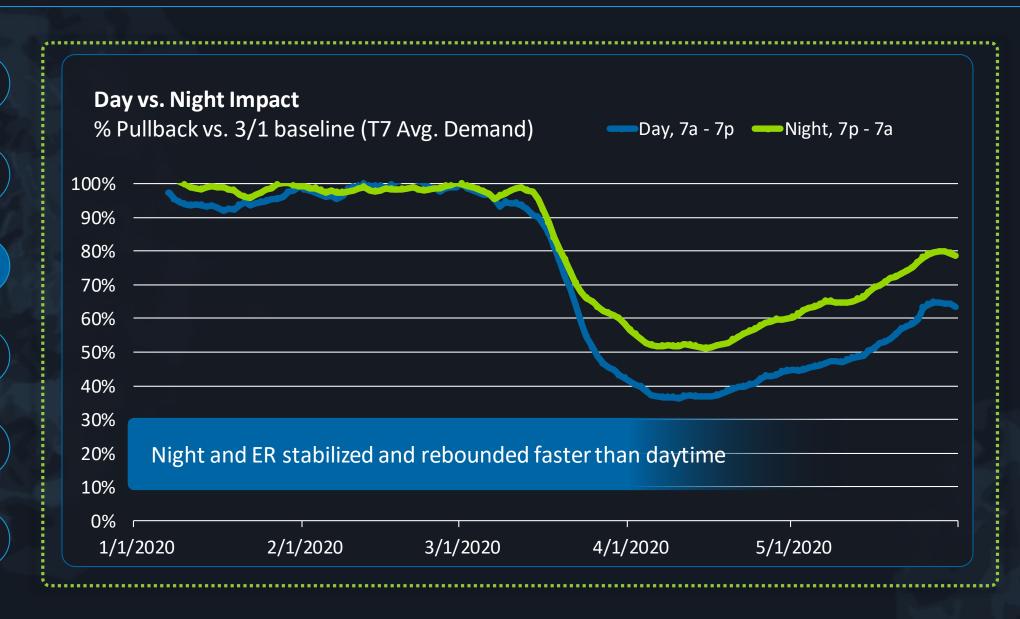
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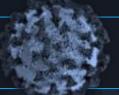
Modality Trend

Time-of-Day

Patient Age

Patient Gender





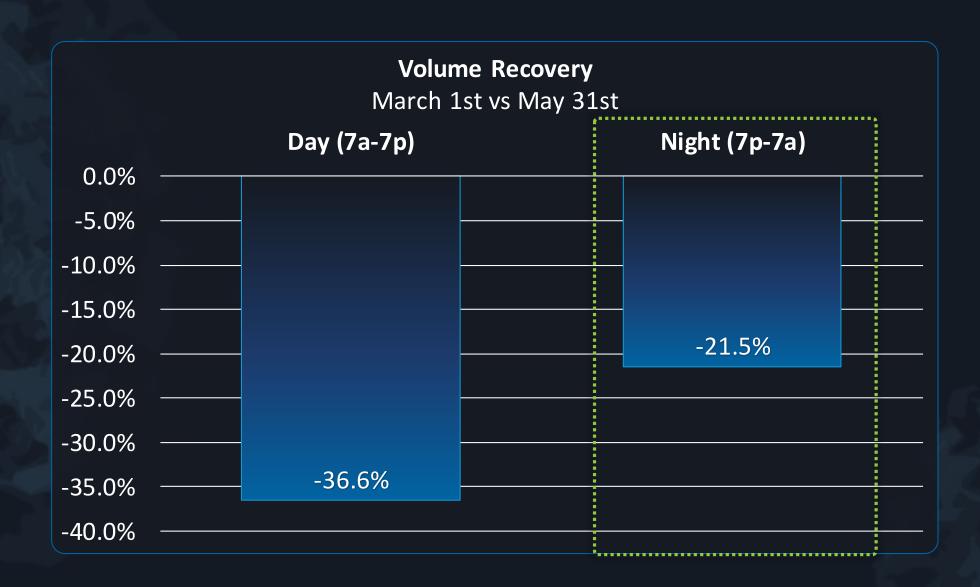
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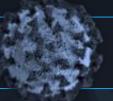
Modality Trend

Time-of-Day

Patient Age

Patient Gender





Regional Demand

Modality Trend

Time-of-Day

Patient Age

Patient Gender

Demand Trending

Health

Young and middle-aged people, barely sick with covid-19, are dying of strokes

Doctors sound alarm about patients in their 30s and 40s left debilitated or dead. Some didn't even know they were infected.



People walk around Times Square as screens are illuminated as part of the "Light It Blue" initiative to honor health care workers, during the outbreak of the coronavirus disease in New York City on April 23, 2020. (Eduardo Munoz/Reuters)

By Ariana Eunjung Cha

April 25, 2020 at 1:12 p.m. CDT



Why COVID-19 is Hitting Men Harder

Than Women



Experts say biology as well as behavior may be among the reasons more men than women are developing COVID-19 and dying from the disease. Getty Images

- Several studies have shown that more men are dying from COVID-19 than women.
- Experts say part of the reason is women tend to have stronger immune systems than men.
- They add that men also tend to engage in more risky behavior such as ignoring physical distancing, and they don't take symptoms as seriously.







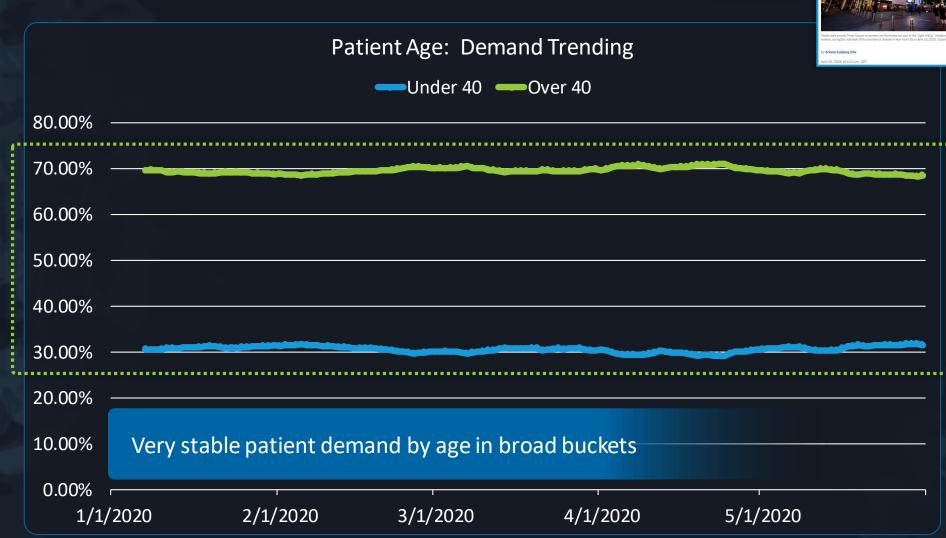
Regional Demand

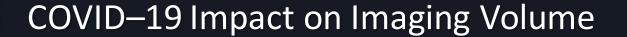
Modality Trend

Time-of-Day

Patient Age

Patient Gender









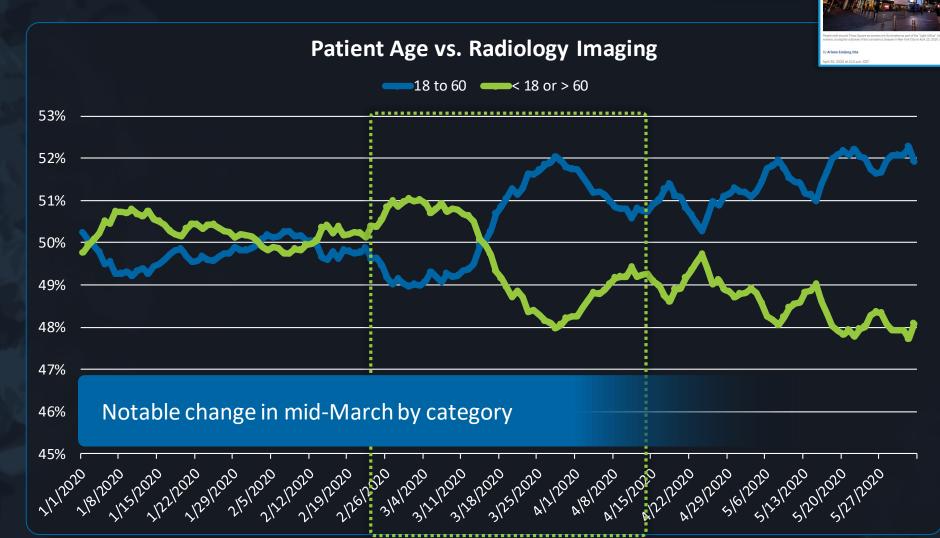
Regional Demand

Modality Trend

Time-of-Day

Patient Age

Patient Gender









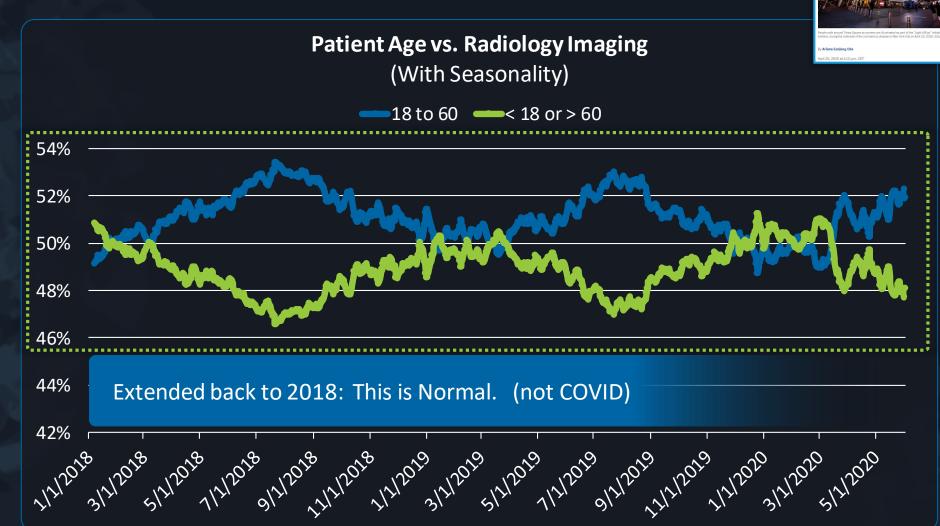
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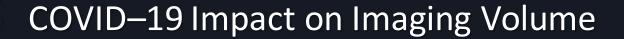
Modality Trend

Time-of-Day

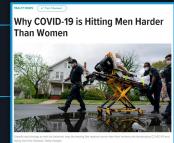
Patient Age

Patient Gender









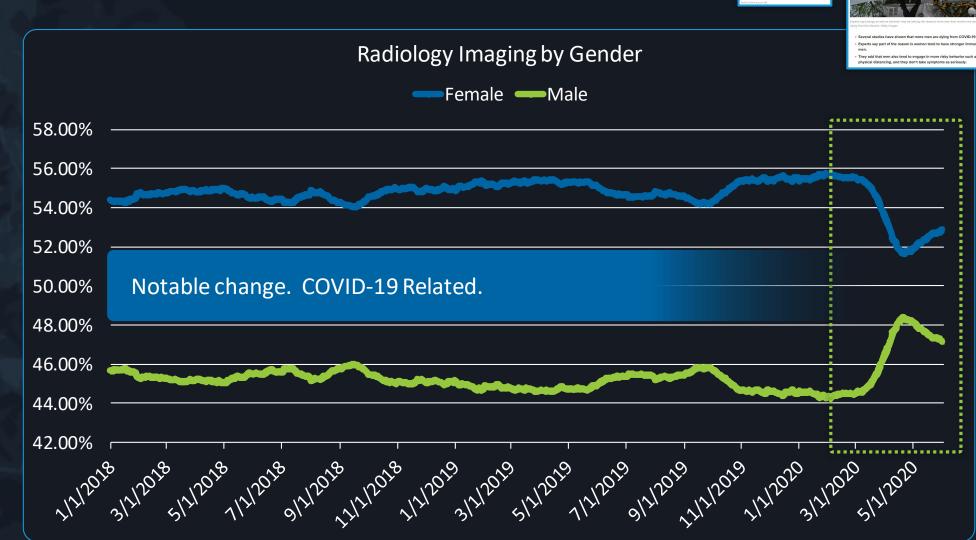
Regional Demand

Modality Trend

Time-of-Day

Patient Age

Patient Gender



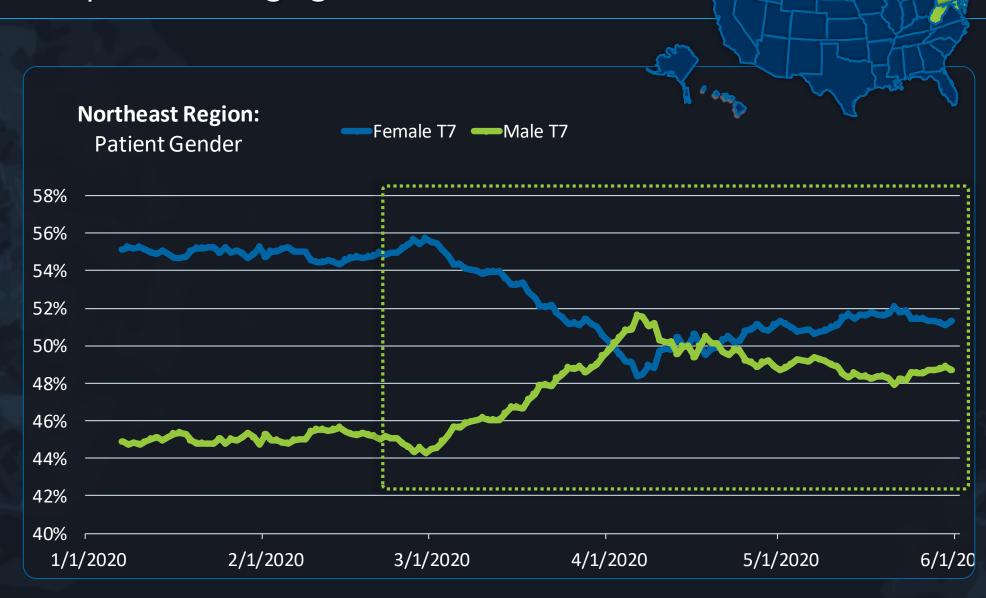
Regional Demand

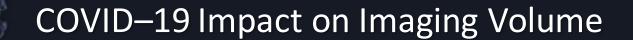
Modality Trend

Time-of-Day

Patient Age

Patient Gender





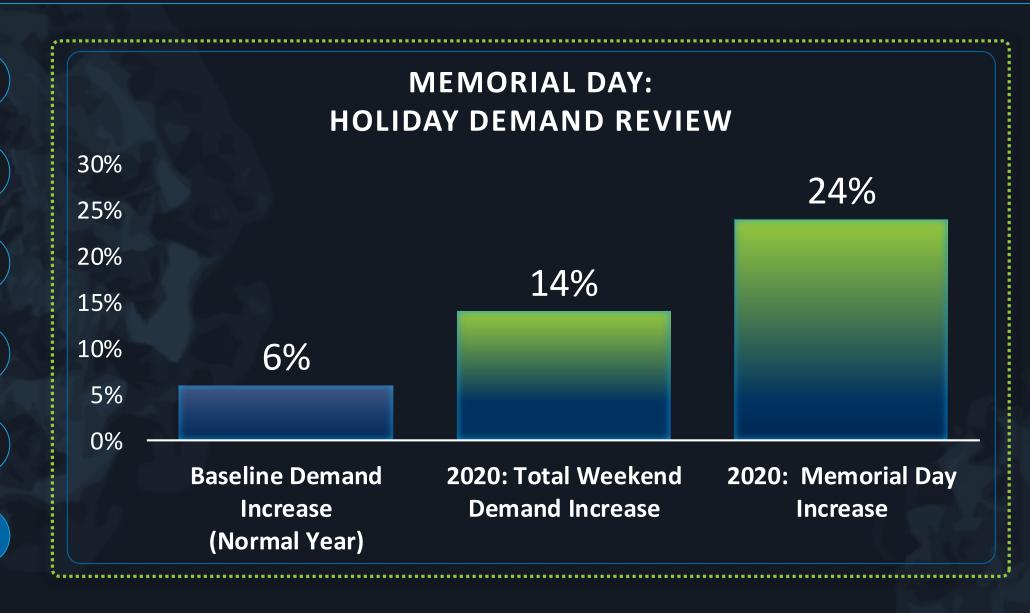
Regional Demand

Modality Trend

Time-of-Day

Patient Age

Patient Gender



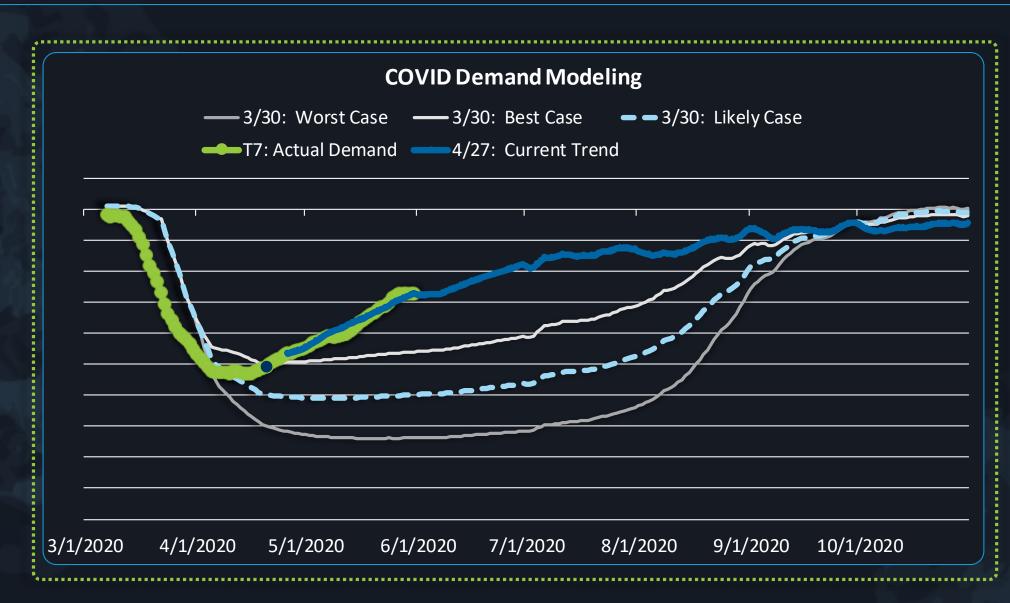
Regional Demand

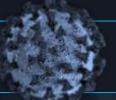
Modality Trend

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Patient Age

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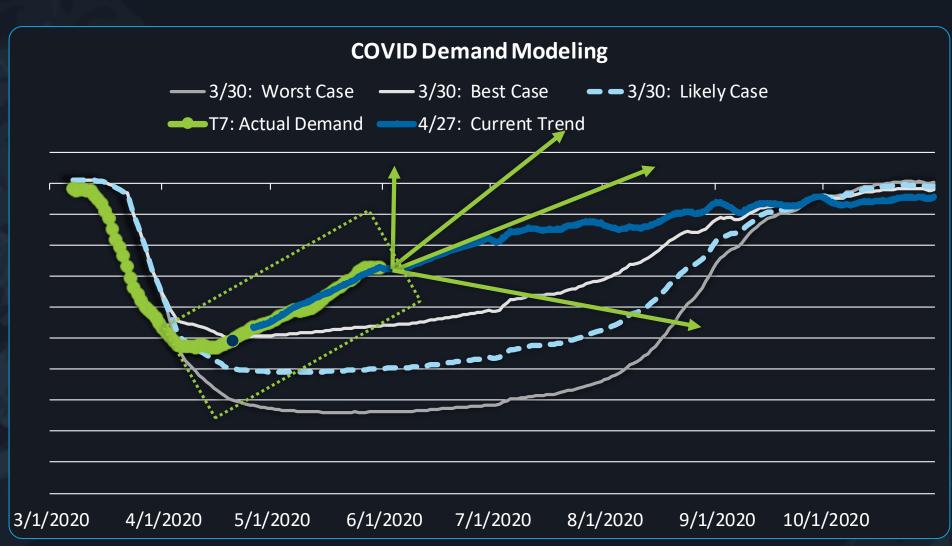
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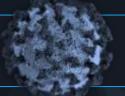
Modality Trend

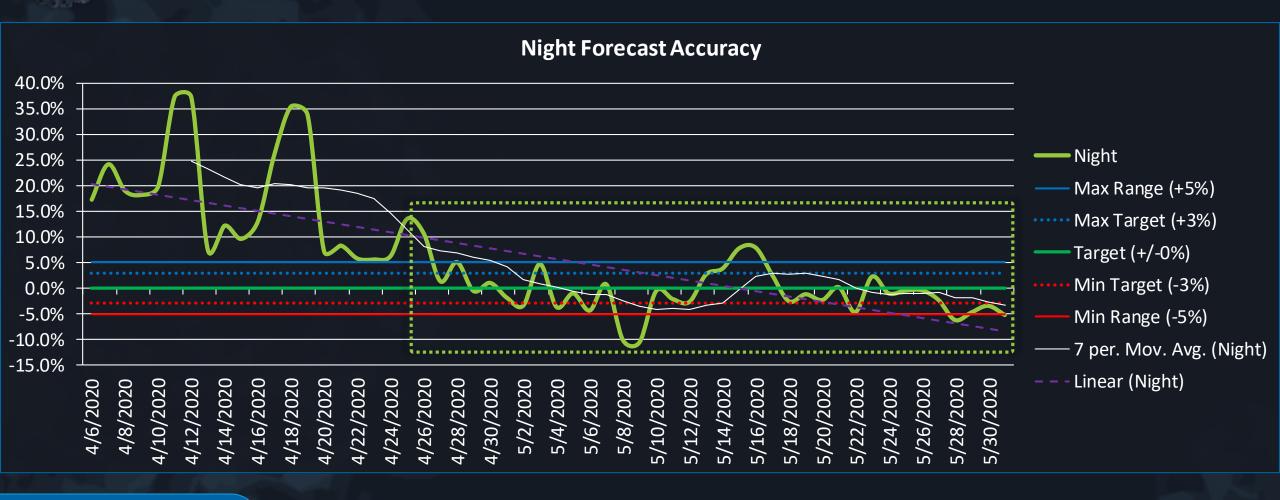
Time-of-Day

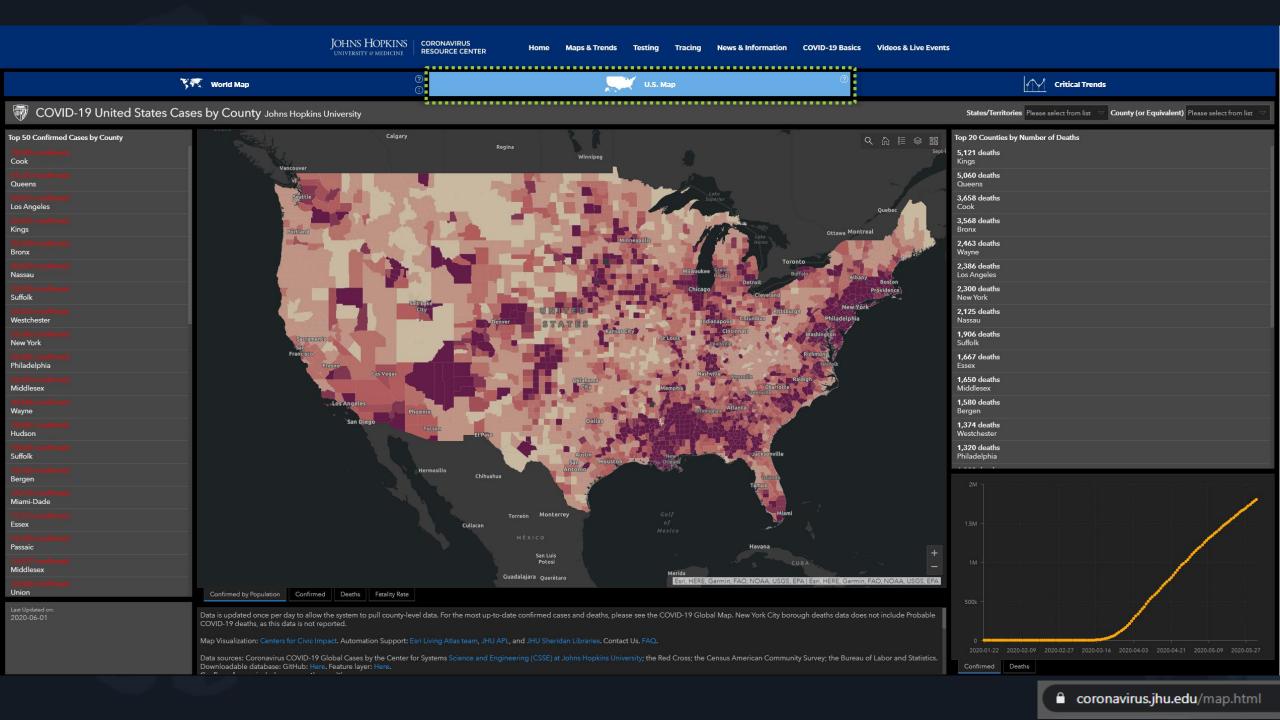
Patient Age

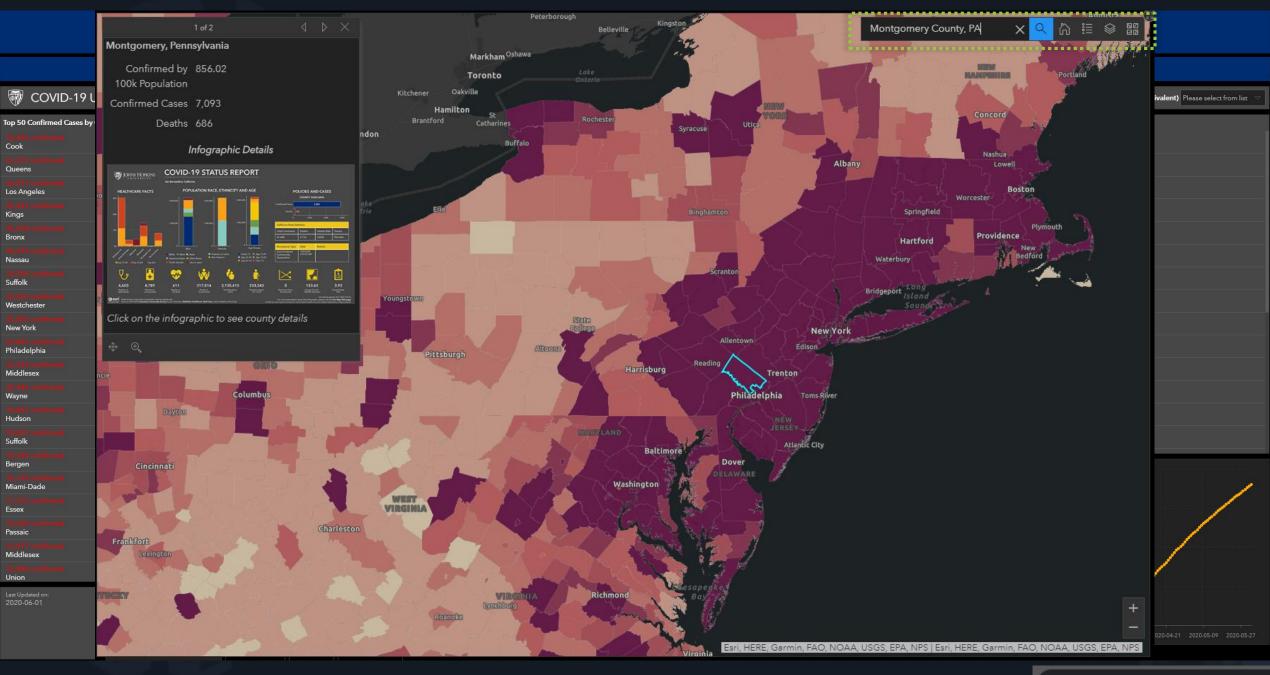
Patient Gender

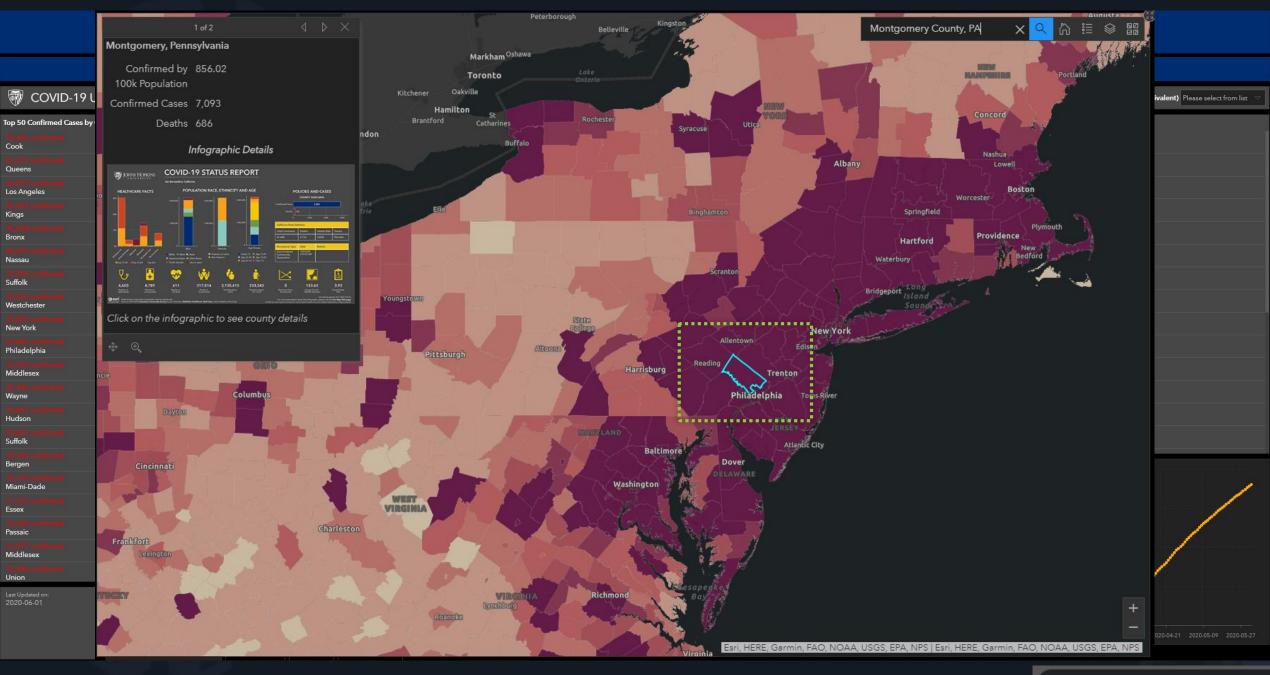














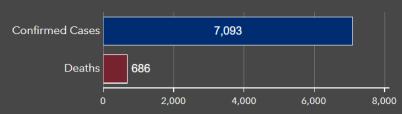
COVID-19 STATUS REPORT

Montgomery, Pennsylvania

POPULATION RACE, ETHNICITY AND AGE **HEALTHCARE FACTS** 800,000 800,000 800,000 600,000 600,000 600,000 30% 400,000 400,000 -400,000 200,000 200,000 200,000 10% Age Groups Ethnicity Race ■ Hispanic or Latino Under 15 Age 15-24 White Black Asian Non-Hispanic ■ Age 25-34 ■ Age 35-64 ■ American Indian ■ Other Races Age 65-74 Over 75 Pacific Islander Pop 19-34 Pop 35-64 Two or more Pop 65+

POLICIES AND CASES

COUNTY CASE DATA



Pennsylvania State Statistics			
Total Confirmed	Deaths	Fatality Rate	Tested
76,646	5,567	7.26%	462,329

Emergency Type	Date	Details
Govt Ordered Community Quarantine	3/24/2020 1:14:57 AM	The Governor has declared stay at home orders for these counties effective 3/23



3,023

Number of Staffed Beds



3,200

Number of Licensed Beds



289

ICU Beds

Number of



47,317 People in

Poverty (ACS)



821,301

Total Population



139,629

Population Aged 65+ (ACS)



New Cases Since Previous Day



856.02

County Case Per 100,000 Population



9.67

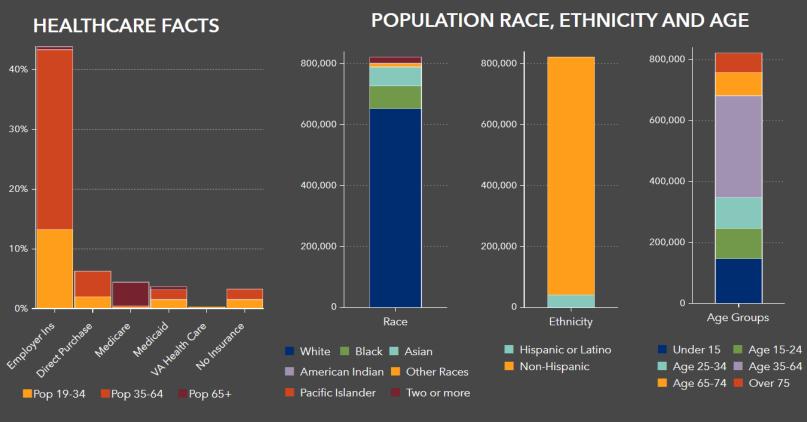
County Fatality Rate

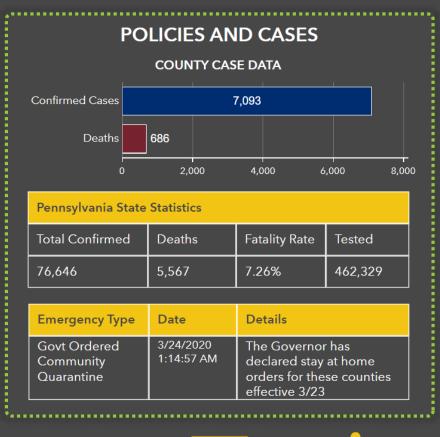




COVID-19 STATUS REPORT

Montgomery, Pennsylvania







3,023

Number of Staffed Beds



3,200 Number of

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289 Number of ICU Beds



47,317 Poverty (ACS)



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New Cases Since Previous Day



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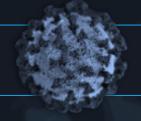
County Fatality Rate



Health insurance, hospital data, and population counts are baseline data. Source: 2014-2018 American Community Survey 5-year estimates, Definitive Healthcare, Red Cross, Johns Hopkins University



coronavirus.jhu.edu/map.html



COVID-19 Local Response

Volume analysis

Memorial weekend

Local response

Clinical trending

Q&A

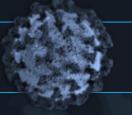


Brian A. Solomon, MD

Chairman and Medical Director

Department of Radiology

Pottstown Hospital, Tower Health



COVID-19 Local Response

Our path through COVID-19

Primary Concerns

- Safety and health of our personnel
- Safety and health of our Patients

Radiologist Role

- Preparedness rather than diagnosis
- Imaging in a safe and effective manner
- Comply with state/local regulations and ACR recommendations

Early

Peak

Recovery

Social Distancing

Screening

Cleaning Policy

Schedule Changes

PPE

Early Challenges







COVID-19 Local Response

Early

Social Distancing

Screening

Cleaning Policy

Schedule Changes

PPE

Early Challenges



Cancelled all screening procedures

- Mammography; DEXA
- Lung cancer screening
- Second trimester screening US
- Elective Fluoroscopy

Implemented PPE policies for COVID-19+ or suspected

- N95 Masks
- Gowns





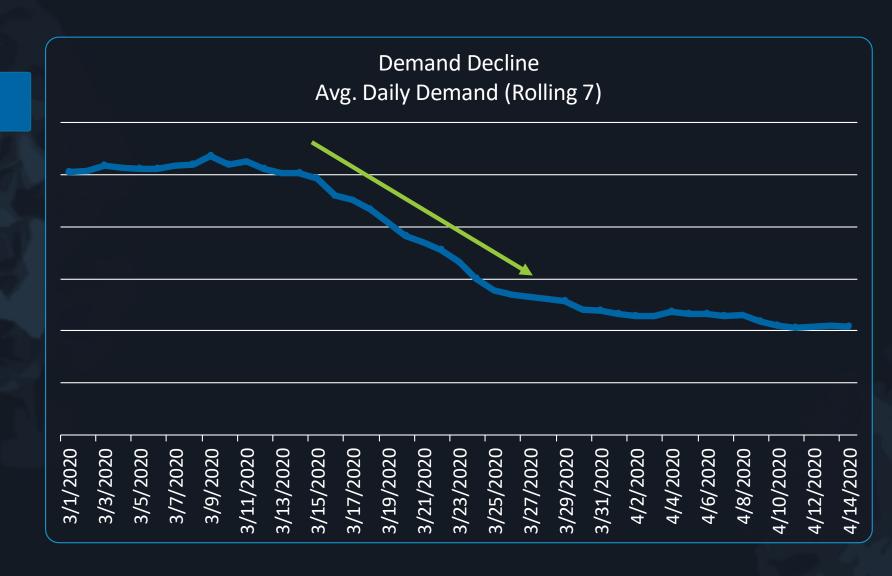
In Pennsylvania

April 9th

+1,900 confirmed
 COVID-19 cases

Montgomery County

- 2nd most in the state
- 10% of ALL confirmed cases in the state



COVID-19 Local Response

Preparing for the return of Imaging

Protective Measures Refined

Communication Improved

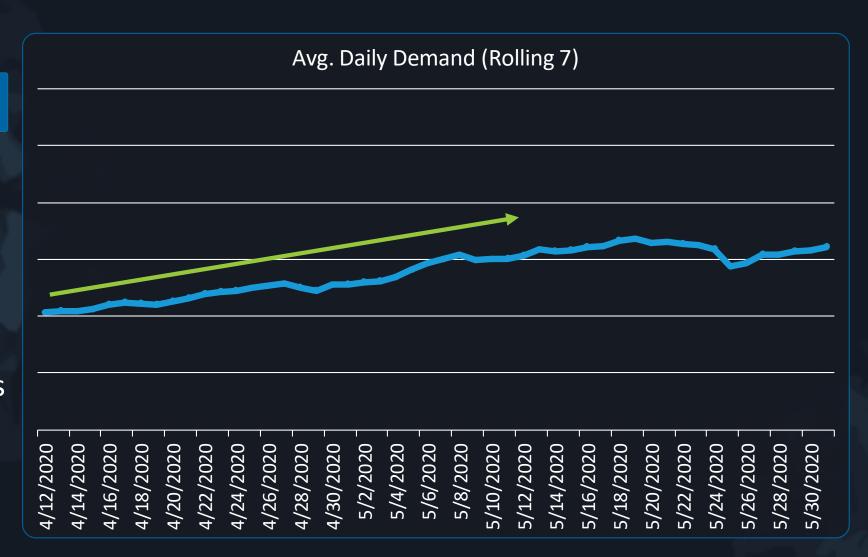
COVID-19 Dashboard Developed

Recovery

Our Health System

The Return of Imaging

- Mid-April began turning the corner
- No surges or backlog yet
- Steady week-to-week gains





The Return of Imaging

Reinstituted Diagnostic Screening

Policy for COVID+/Suspected

Education

Safety:

- Maintaining all safety procedures
- Resumed scheduling

Patients:

- Call every patient!
- Assure them it's a safe place

Referring Physicians:

- Communicate safe to send patients
- Outline safety measures



SAFE IMAGING STUDIES

We have resumed elective imaging procedures across Pottstown Hospital locations and are pleased to share the comprehensive steps we've taken to keep patients and staff safe. From extensive PPE use and frequent disinfecting of all patient care areas, to COVID-19 symptom screening and social distancing, you can feel confident in your safety as you receive quality imaging studies here.

We follow or exceed safety processes and protocols of the American College of Radiology, the Centers for Disease Control and Prevention (CDC), the Pennsylvania Department of Health, and the Occupational Safety and Health Administration.

Our Safety Procedures

SCREEN

All patients and staff are screened for COVID-19 symptoms

Temperature taken at building entry

- Staff use appropriate Personal Protective Equipment (PPE) and practice frequent handwashing
- Face masks required for all patients and staff
- Patient care areas cleaned and disinfected according to CDC guidelines

SOCIAL DISTANCING

- Social distancing is practiced and enforced
- One-way corridors minimize contact
- Time added between procedures to disinfect rooms and surfaces Waiting room time minimized
- Number of visitors restricted

PATIENT SCHEDULING AND ARRIVAL

- Call 610-327-7500 to schedule an imaging study appointment
- If you arrive early, please wait in your car until your scheduled appointment time
- Only one person can accompany the patient
- No checkout required. Follow-up appointments can be made by phone

We're in this together and we are here to safely serve you and the community.

1600 E. High Street, Pottstown IMAGING CENTER 1611 Medical Drive, Pottstown IMAGING CENTER 23 N. Walnut Street, Boyertown



Insert Logo Here

Location name 2 1611 Lower Dr., Redtown
Location name 3 1622 Upper Ln. Greentown

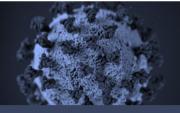
Safe Imaging for Our Patients During COVID-19

We have resumed elective imaging procedures and would like to share with you some changes we have made to keep patients and staff safe.

The risk from health care—acquired COVID-19 can be made very low for most diagnostic radiology examinations and interventional radiology procedures if appropriate precautions are in place. Our office follows the guidance of the American College of Radiology, Centers for Disease Control (CDC), and Occupational Safety and Health Administration so that our infection control procedures remain current.

Patient Scheduling and Arrival

- · Schedule appointments at XXX-XXX-XXXX
- If you arrive early, please wait outside until your scheduled time.
- Only one person allowed to accompany the patient.
- A face mask will be provided if you don't bring your own.
- No checkout required. Follow-up appointments can be made by phone.



Our Safety Procedures



SCREEN

- ✓ All patients, visitors and staff
- ✓ Temperature taken at building entry
 ✓ COVID-19 care in designated areas
- ✓ Rooms empty for 60 minutes after imaging a COVID-19 patient

DISTANCE

- ✓ Number of visitors restricted
- ✓ Social distancing enforced
- ✓ One-way corridors to minimize contact
- ✓ Waiting room time minimized
- √ Time added between procedures

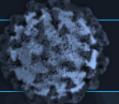
PROTECT

- ✓ Staff trained on PPE use and hygiene
 ✓ Face mask required for all patients,
- ✓ Face mask required for all patients, visitors, and staff
- Patient care areas cleaned and decontaminated according to CDC guidelines

We're in this together and are here to serve you, your patients and our community.

COVID-19 Safety Flyer for Referrers and Patients

See "handouts" in the toolbar for a template you can download and customize.



Post-peak and Recovery: May Onwards

Recovery

Volume analysis

Memorial weekend

Local response

Clinical trending

Q&A

Thoughts & Lessons Learned



- Experience gained for *Next Time*
- Is this the new normal?
- Are these changes permanent?





Stroke Imaging vs. Patient Age

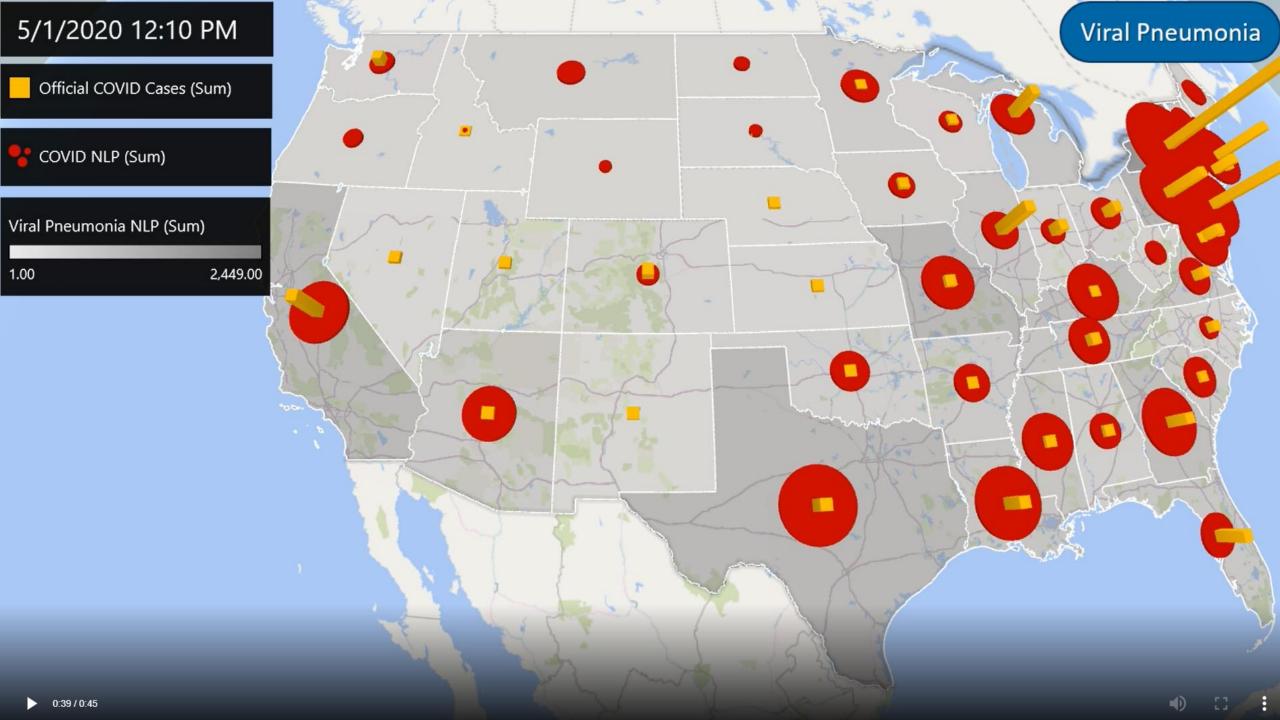
Viral Pneumonia

Non-Accidental Trauma

Trauma Imaging last weekend



Benjamin W. Strong, MDChief Medical Officer
vRad







How COVID-19 may increase domestic violence and child abuse

National crises ramp up stress among couples and families. Psychologists identify the risks and point to resources that can help.

Date created: April 8, 2020



The potential impact of the COVID-19 on child abuse and neglect: The role of childcare and unemployment

Elisabetta De Cao, Malte Sandner 08 May 2020

COVID-19 is altering family dynamics in ways that threaten to put already vulnerable children at increased risk of abuse and neglect. This column describes the latest empirical evidence charting how a decline in childcare availability and employment can affect the treatment of children within families. Recommending that the immense costs of child maltreatment be considered in cost-benefit calculations of lockdown measures, the column also urges governments to work with social and health care providers to integrate children's welfare in future risk reduction and preparedness.











child maltreatment (e.g. UNICEF 2020), which

includes the sexual, physical, and emotional abuse

Worldwide, child welfare organisations warn that the COVID-19 lockdown measures will increase cases of Supporting parents and children in the early years during (and after) the COVID-19 crisis

Gabriella Conti

COVID-19 day care centre closures and parental

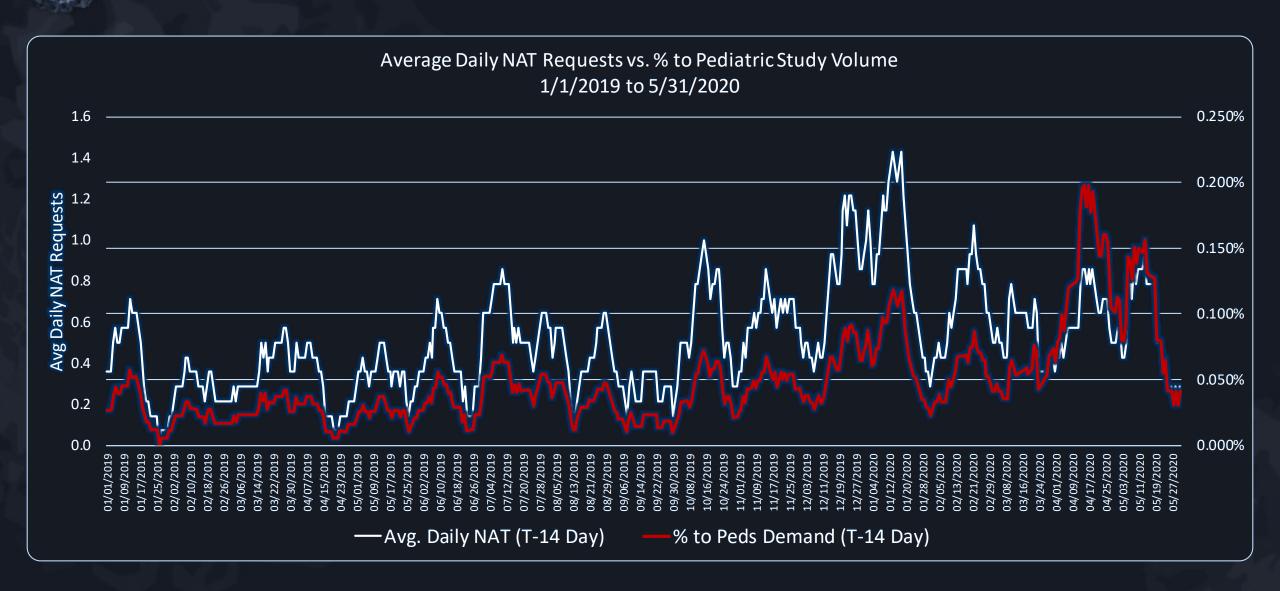
АД



Elisabetta De Cao Assistant Professor in Health Economics, London School of Economics

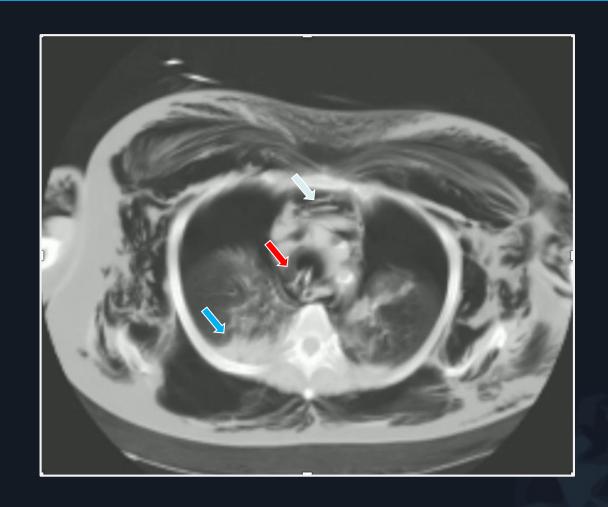


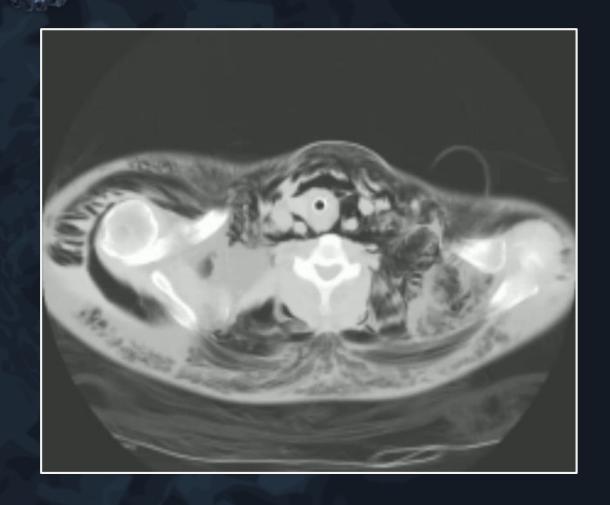
Malte Sandner Senior Researcher, Institute for Employment Research (IAB)

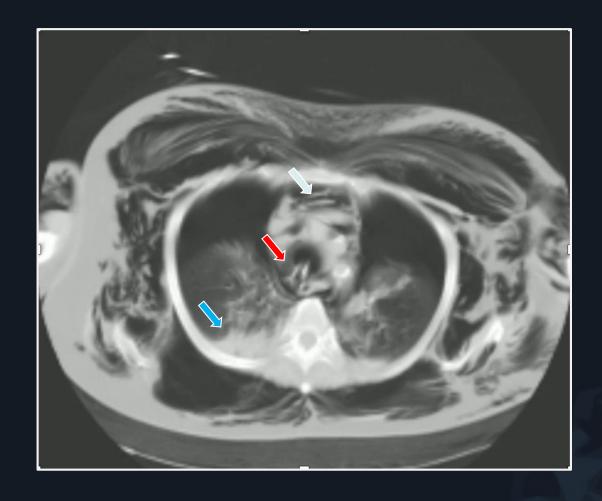


Mediastinal gas
Tracheal defect
Focal consolidation

Traumatic intubation

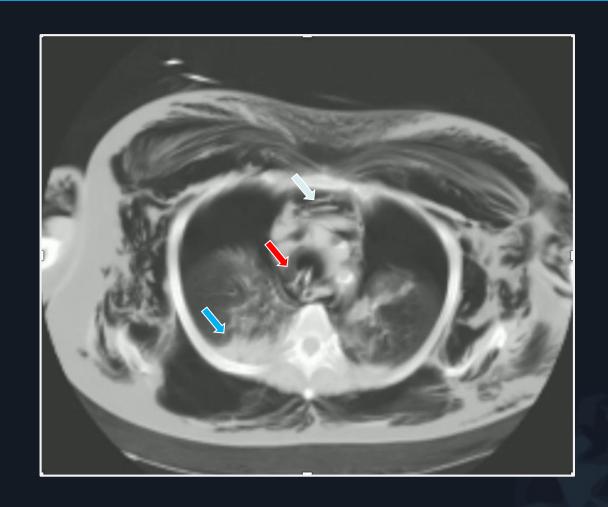






Mediastinal gas
Tracheal defect
Focal consolidation

Traumatic intubation





home.



Trauma Imaging last weekend

There are more than 18,000 National Guard members assisting across 29 states

From CNN's Michael Conte and Ryan Browne



Armed National Guard soldiers patrol on Hollywood Boulevard on June 1 as peaceful protests and looting continue in Los Angeles County. Robyn Beck/AFP/Getty Images

Protests in +140 cities

Since Last week...

National Guard Activated across 29 States

Sweeping Curfews across major cities and states

Trauma Imaging last weekend

There are more than 18,000 National Guard members assisting across 29 states
From CNA's Michael Conte and Ryan Browns

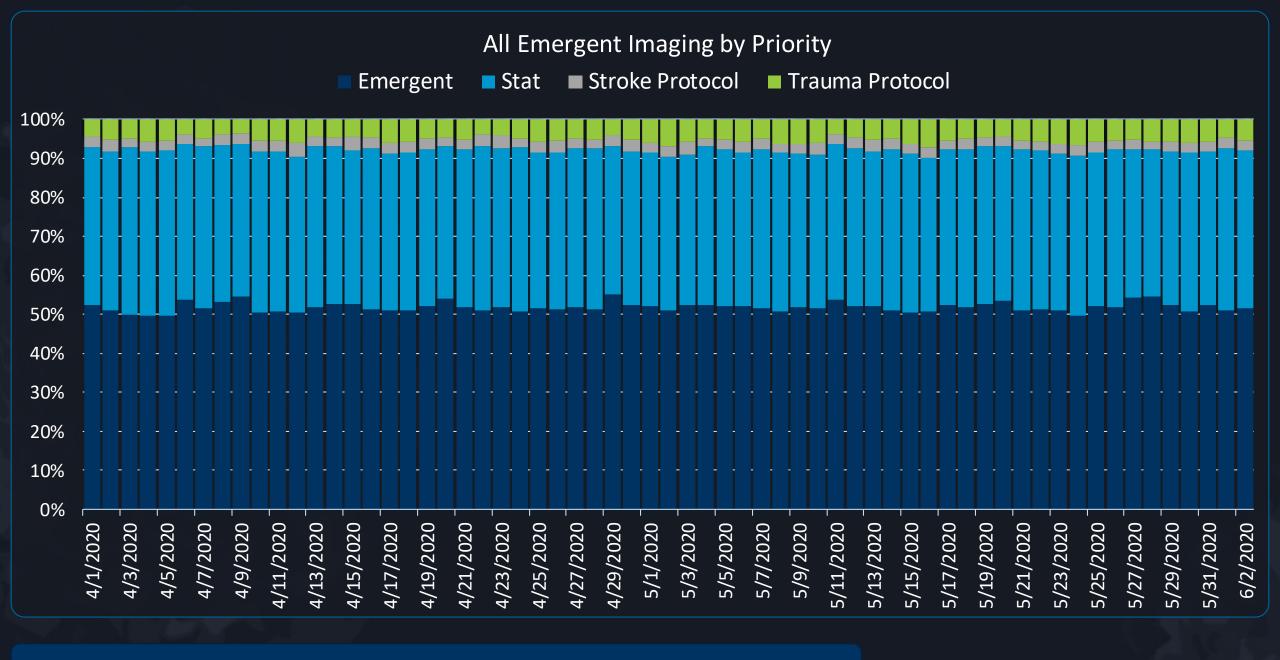
Did it impact national radiology imaging trends?

Protests in +140 cities

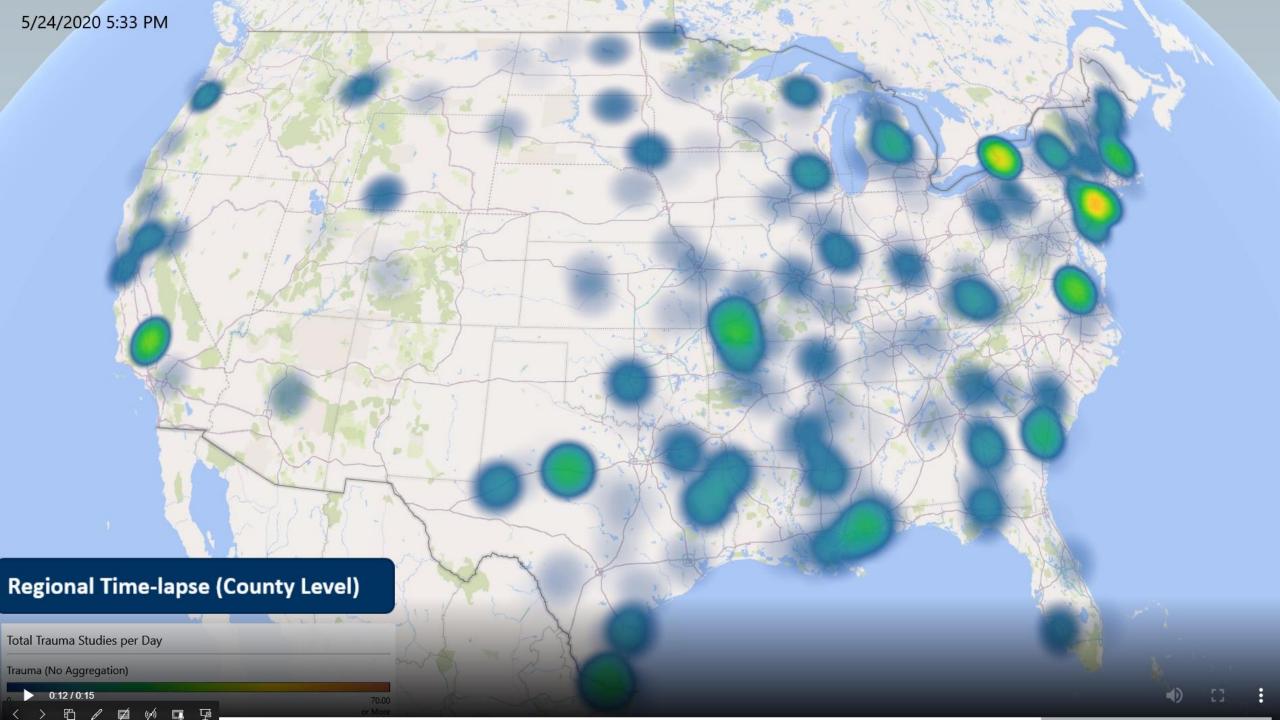
Since Last week.

National Guard Activated across 29 States

Sweeping Curfews across major cities and some states

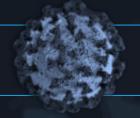


National Level: No significant change in Trauma or other Emergent Imaging trends



Live Poll Results





Ask the Panelists

Volume analysis

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Q&A



Joe Schmugge VP of Operations vRad



Brian A. Solomon, MD

Chairman and Medical Director

Department of Radiology

Pottstown Hospital, Tower Health



Benjamin W. Strong, MD

Chief Medical Officer

vRad

Thank you!

How did we do? Please let us know in our 30-second survey following the webinar.



