

WELCOME TO THE UAHQ WEBINAR SERIES

The session will begin at 12:00 PM

If you are having any technical issues please send a chat to Emily Carlson or email
emily.carlson@hsc.utah.edu



ABOUT UAHQ

- The Utah Association of Healthcare Quality (UAHQ) is a non-profit organization for healthcare quality professionals in all settings.
- UAHQ provides
 - Education
 - Leadership development
 - Networking opportunities
- Sign up to become a member and continue to receive newsletters and access to educational events. Membership information can be found on our website uahq.org.



HOUSEKEEPING ITEMS

- Today's presentation is being recorded & will be published to the UAHQ website. Please remember to mute your audio for the duration of the presentation.
- If you would like to make a comment or have a questions please use the chat feature to help us cut down on ambient noises.
- If you run into any technical difficulties during the presentation, please send a chat to Emily Carlson.



The Utah Association for Healthcare Quality is pleased to present

The Quality Journey

Presenter

Nancy Claflin, DNP, MS RN, NEA-BC, CENP, CCRN-K, CPHQ, FNAHQ

November 17 & 19 2020

12:00-4:00 PM MDT

Where are you on your quality journey?

Have you thought about seeking certification in quality?

The field of healthcare quality and the healthcare quality professional's role are expanding exponentially in today's ever-changing healthcare climate. This course will present key milestones in the quality journey including structure and integration; change, regulatory, accreditation, and external recognition; education, training, and communication; health data analytics, design and data management; measurement and analysis.

Register at <http://uahq.org>

Cost is \$50



Register by
October 31 to
secure your
spot!

CEU CREDITS

- An email link will be sent to you for CEU credits by the end of the day today
- Please complete the survey in its entirety and we will email you a certificate of attendance within 1 week.
- If you do not receive the email with the survey link, please email Emily.Carlson@hsc.utah.edu



10/15/2020



12:00-1:30 PM MT



Jan Orton, MS BSN RN CPHQ
Intermountain Healthcare System
Director Clinical Data Management

Building the Database for COVID-19 Pandemic

Participants will understand HHS, CDC/NHSN and State history and changes in the requirements for COVID-19 data submission.

Participants will review and understand State of Utah and HHS reporting locations, with an understanding of variation in data sources.



Chutuoc C. Trandinh, M.D.
Molina Healthcare
Medical Director for Utah and Idaho

How COVID-19 is Changing the Delivery of Care

Reviewing before, during and after COVID delivery of care, with a focus on hospital beds, ER visits and telehealth usage.

Participants will learn lessons from care after COVID and how to improve the delivery of care and cut cost.



Deepak Rajpoot, M.D.
Molina Healthcare
Behavioral Health Medical Director for Utah and Idaho

The Advantages and Limitations of Telepsychiatry

Participants will identify and describe the Ryan Haight Act, the uses and limitations of Telepsychiatry at the outpatient and inpatient levels of care.

Participants will identify some best practices in HIPAA compliant software.

For Registration:

<https://www.surveymonkey.com/r/P9B5TYT>



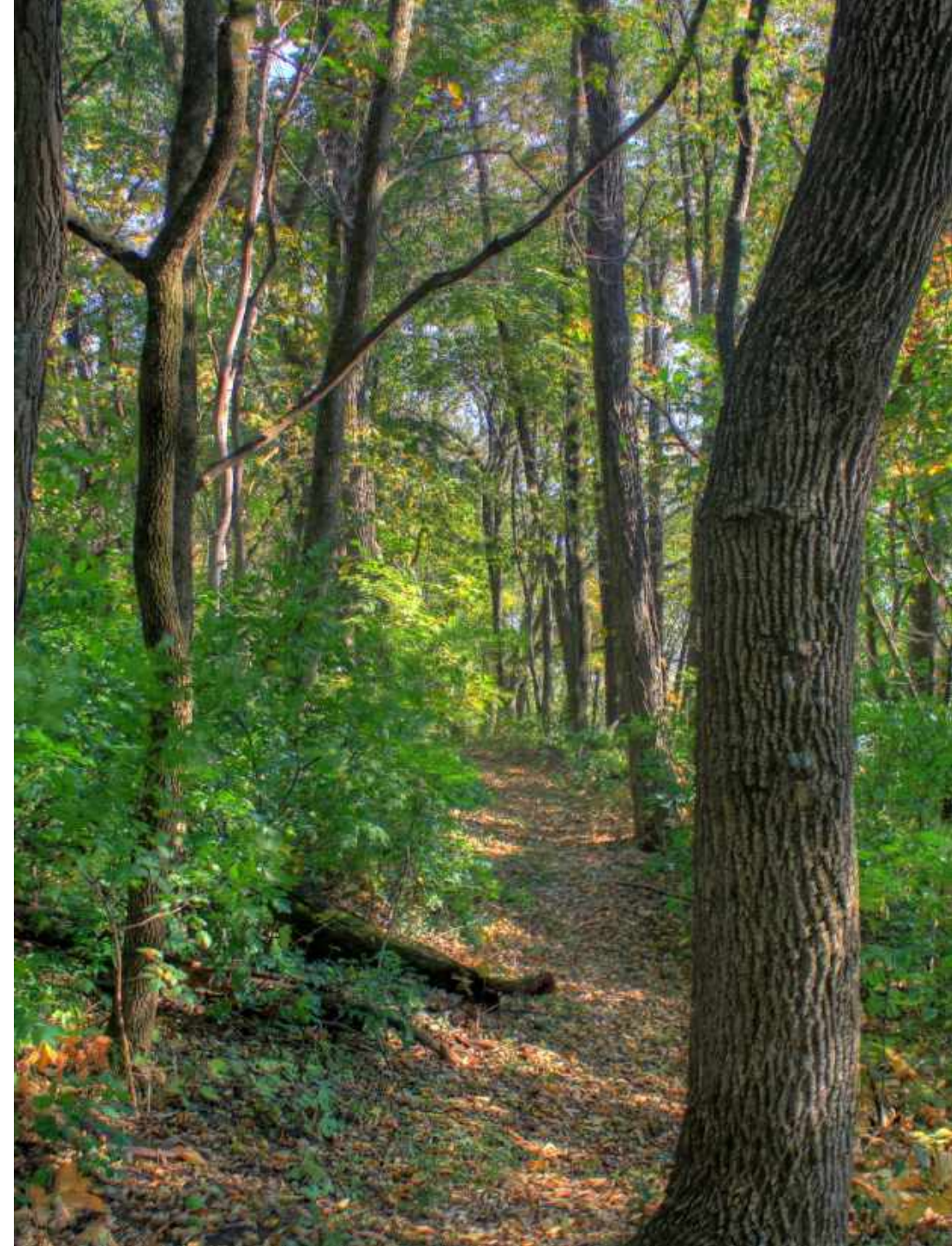
The data trail of a pandemic

Jan A Orton, RN, MS, CPHQ

System Director Clinical Data Management

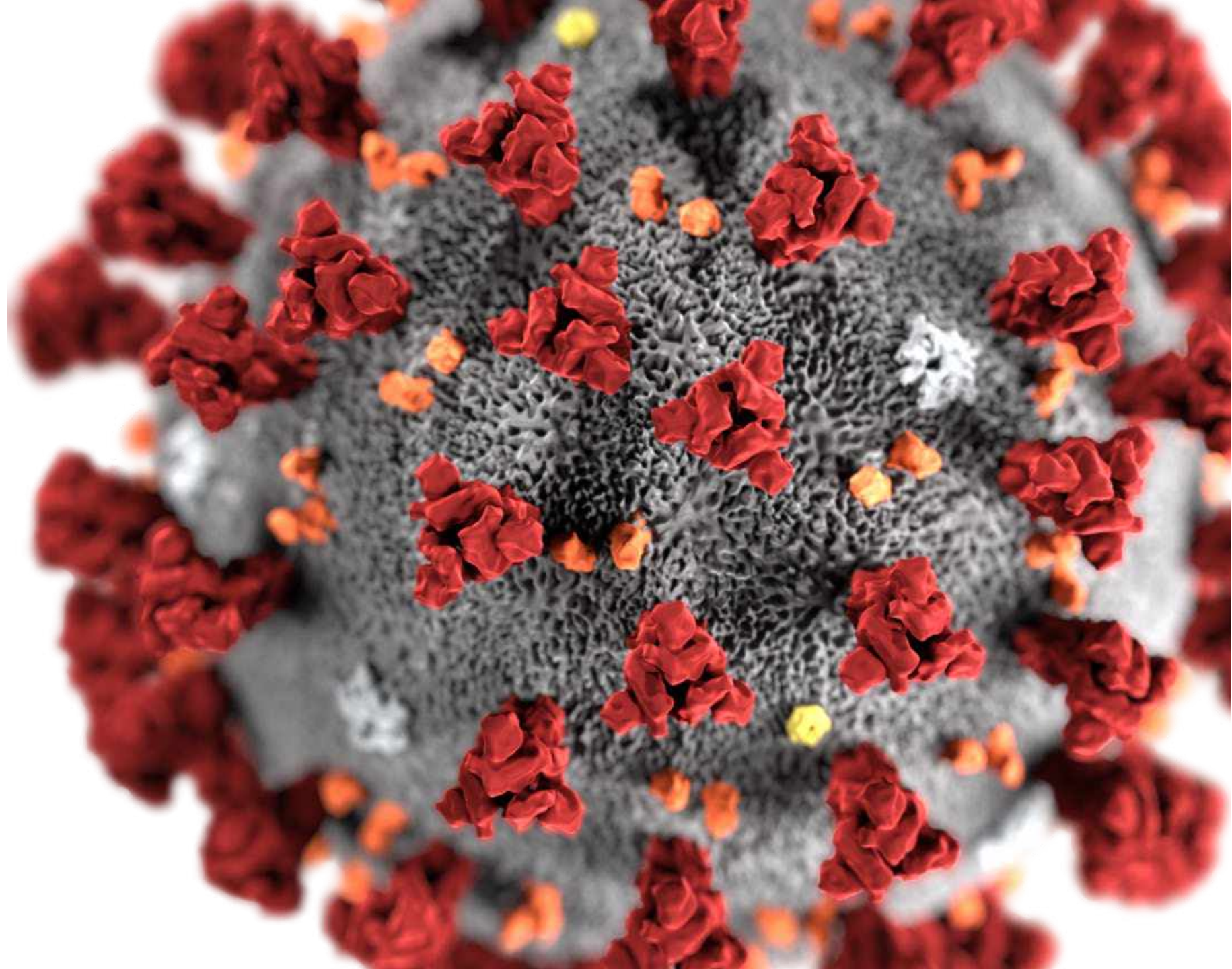
Intermountain Healthcare

Office of Patient Experience



Remember these days?





The trail begins....



Feb 2020
Admin →
State for Data
& Resource
evaluation

Utah State for Data & Resource evaluation login page. It features a blue 'Utah' logo at the top. Below it is a login form with fields for 'USERNAME' and 'PASSWORD', and buttons for 'LOGIN' and 'FORGOT PASSWORD'. A red message 'User Name is required' is displayed. A 'Log in to my account button' is also visible.

HOSPITAL CAPACITY

1. # New COVID-19 Hospitalizations - #patients with positive COVID-19 tests who were not reported yesterday

0

Archived: 5/4/20 12:34 PM

Show Archived Data

2. Non-ICU Total Beds in Hospital (Non-Surge Occupied & Unoccupied)

51

Archived: 5/4/20 12:34 PM

Show Archived Data

3. Non-ICU Surge Beds in Hospital (Surge Occupied & Unoccupied)

0

Archived: 5/4/20 12:34 PM

Show Archived Data

4. Non-ICU Beds Occupied (All Patients - Surge & Non-surge)

16

Archived: 5/4/20 12:34 PM

Show Archived Data

4.1. Non-ICU Beds Occupied (Confirmed COVID Patients-Surge & Non-surge). Patient with laboratory confirmed COVID-19 diagnosis.

0

Archived: 5/4/20 12:34 PM

Show Archived Data

5. Non-ICU Bed Occupied (Suspected/Probable COVID Patients-Surge & Non-surge)

3

Archived: 5/4/20 12:34 PM

Show Archived Data

6. ICU Total Beds in Hospital (Non-Surge Occupied & Unoccupied)

8

Archived: 5/4/20 12:34 PM

Show Archived Data

VENTILATORS

1. Total Ventilators: Invasive mechanical vents, anesthesia machines & portable/transport vents available in facility.(Adult)

23

Archived: 5/4/20 12:34 PM

Show Archived Data

2. # Conventional ICU Ventilators: Total # of conventional vents that provide intensive care for adult patients (Adult)

4

Archived: 5/4/20 12:34 PM

Show Archived Data

3. Additional Convertible Ventilators: # of ventilators that could be converted to temporarily treat adult ARDS. (Adult)

19

Archived: 5/4/20 12:34 PM

Show Archived Data

4. Ventilators being used: # of mechanical ventilators in use (COVID or Non-COVID Patients). (Adult)

0

Archived: 5/4/20 12:34 PM

Show Archived Data

5. # Total Peds/Neonatal Ventilators: Invasive mech vents, anesthesia machines & portable/transport vents available in facility

0

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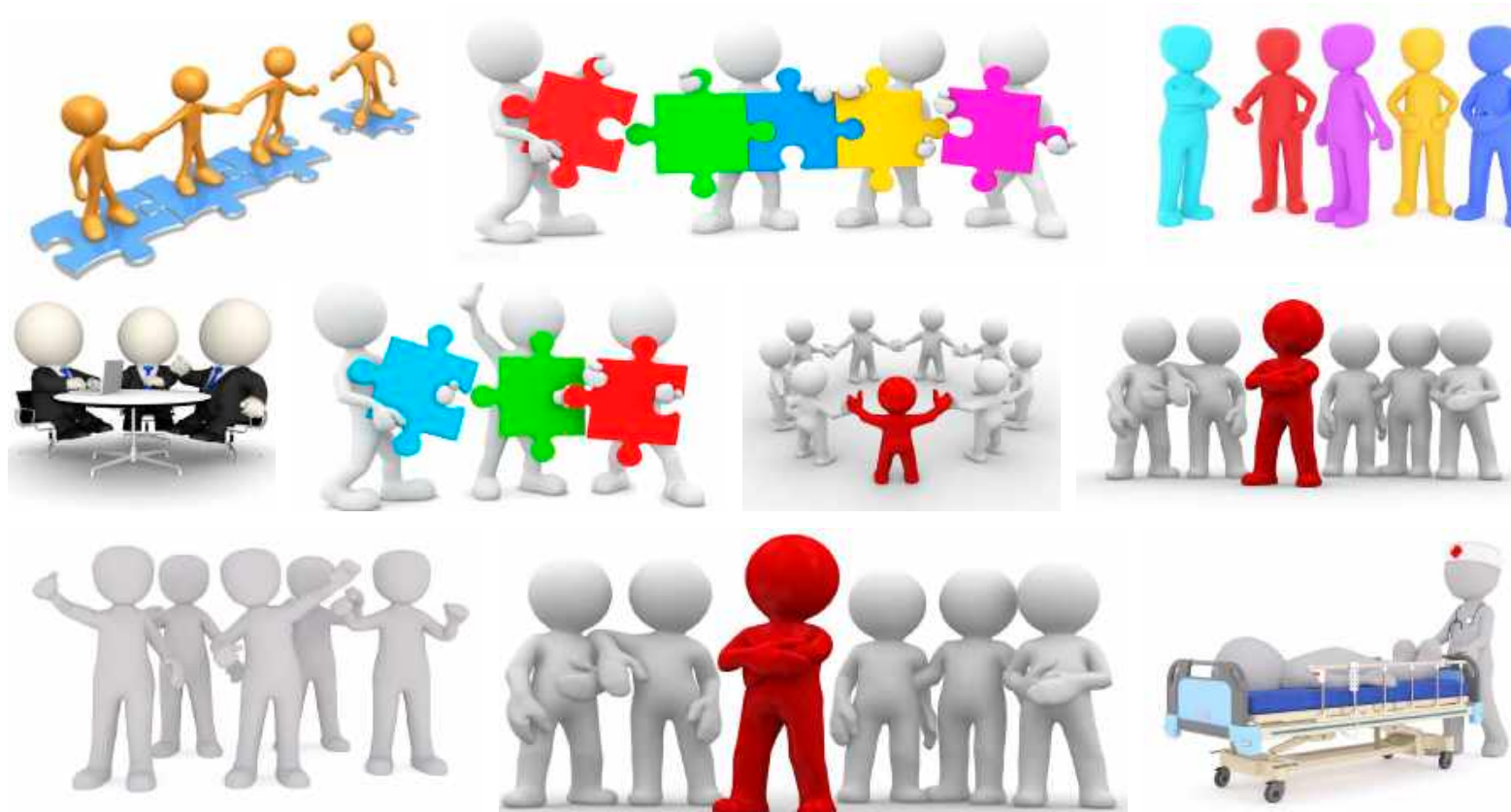
Show Archived Data

6. Pediatric Ventilators being used: # of mechanical ventilators in use (COVID or Non-COVID Patients)

0

Archived: 5/4/20 12:34 PM

Everyone wants the data....



The Journey



Feb 2020
Admin → State
for Data &
Resource
evaluation



Mar 2020
VP Pence
Lab & NHSN

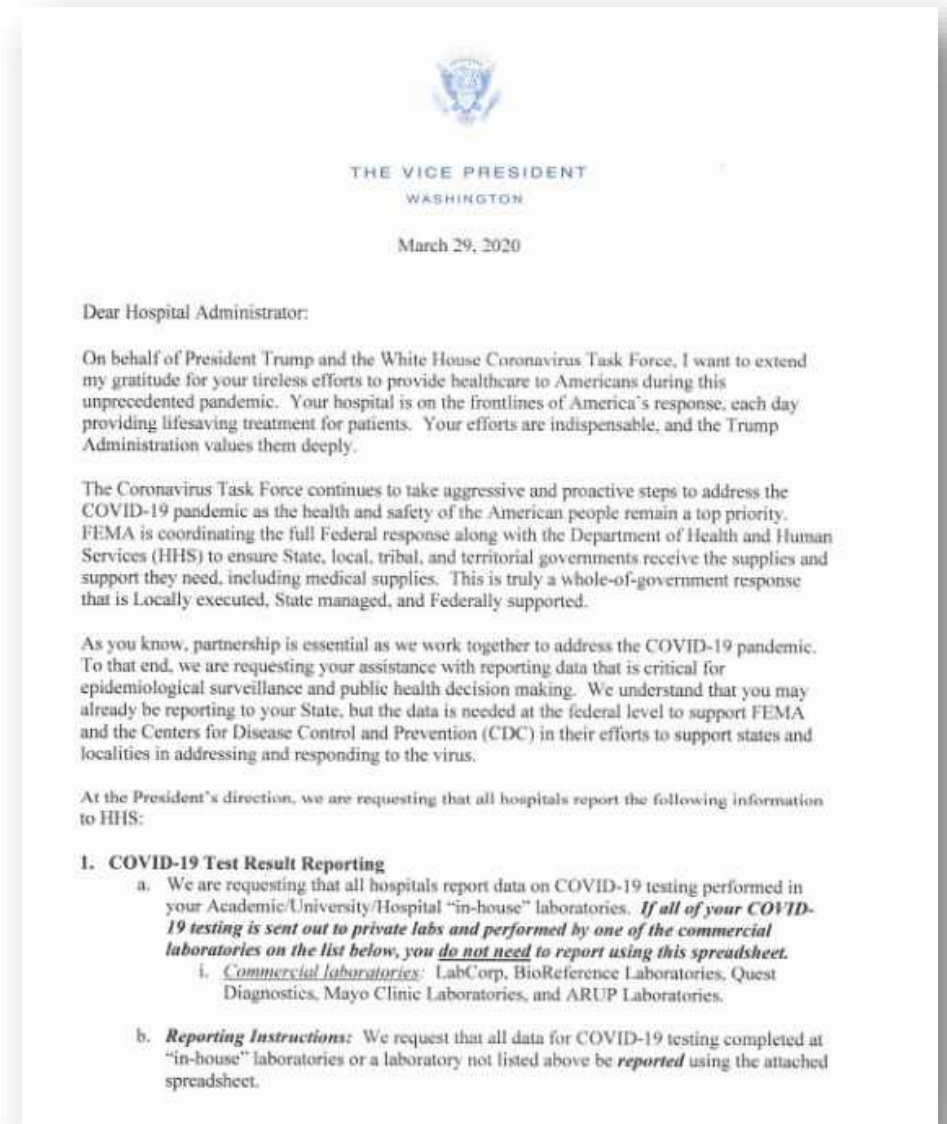
First Major Changes

State: UHRMS continues

Federal: Required NHSN Capacity,
Death & Ventilator

Daily process for Laboratory
reporting counts

- Any in-house laboratories reported separately
- LabCorp, AURP etc. submit test they run



Beginning of the definition game

State of Utah	NHSN
# New COVID-19 Hospitalizations # patients with positive COVID-19 test who were not reported yesterday	# of New OR SUSPECTED patient hospitalizations
Organization may have a feed to state taskforce that has deaths	Deaths: Patients with suspected or confirmed COVID-19 who died in the hospital, ED or any overflow location on the date for which you are reporting.
State of Utah works from death certificates	

The Journey begins....



Feb 2020
Admin → State
for Data &
Resource
evaluation



Mar 2020
VP Pence
Lab & NHSN



April – June
5 Special
Teletracking
requests

5 Special Data Collection (April, May, June)

COVID-19 related volumes for Remdesivir

Only in Teletracking (so if you are using NHSN, extra work)

The Journey begins....



Feb 2020
Admin → State
for Data &
Resource
evaluation



Mar 2020
VP Pence
Lab & NHSN



April – June
5 Special
Teletracking
requests

June 2020
LTC NHSN



Long Term Care

Within NHSN

- Adds staff testing information (# tested, suspected and confirmed, deaths)
- Resources include non-nursing, and physician/APP
- Supplies are different

The Journey begins....



Feb 2020
Admin → State
for Data &
Resource
evaluation



Mar 2020
VP Pence
Lab & NHSN



April – June
5 Special
Teletracking
requests



June 2020
LTC NHSN



June
2020
No NHSN
New
Elements

July 13, 2020

Abrupt cessation of data collection in NHSN – Teletracking only

LTC data collection continues in NHSN

Added additional categories

- Previous admission by age groups (forgot 18 & 19-year old's)
- Remdesivir Use
- Staffing information
- PPE (Ventilator, N95, PAPRs, Masks, Eye protection, Gowns, Gloves)
 - Count #, duration in days, Obtain items, Maintain a 3-day supply)

More definition game

HHS Secretary Letter			HHS Implementation
9.	<div>a) Total hospitalized adult suspected or confirmed positive COVID patients</div> <div>Subset:</div> <div>b) Hospitalized adult confirmed-positive COVID patients</div>	<div>Patients currently hospitalized in an adult inpatient bed who have laboratory-confirmed or suspected COVID-19.</div> <div>Patients currently hospitalized in an adult inpatient bed who have laboratory-confirmed COVID-19.</div>	Implementation breaks out confirmed vs suspected

NPR Article

<https://www.npr.org/sections/health-shots/2020/09/24/916310786/trump-administration-plans-crackdown-on-hospitals-failing-to-report-covid-19-dat> accessed 10/9/2020

Trump Administration Plans Crackdown On Hospitals Failing To Report COVID-19 Data

September 24, 2020 · 5:00 AM ET
Heard on Morning Edition



PIEN HUANG



SELENA SIMMONS-DUFFIN



3-Minute Listen

+ PLAYLIST



Hospitals may soon be at risk of losing a critical funding stream — Medicare funding — if they don't comply with new COVID-19 data reporting requirements.

John Lamparski/Photo via Getty Images

Updated Friday 2:15 p.m. ET to include a comment from the Centers for Medicare & Medicaid Services.

The federal government is preparing to crack down aggressively on hospitals for not reporting complete COVID-19 data daily into a federal data system, according to internal documents obtained by NPR.

Down the path....



Feb 2020
Admin → State
for Data &
Resource
evaluation



Mar 2020
VP Pence
Lab & NHSN



April – June
5 Special
Teletracking
requests

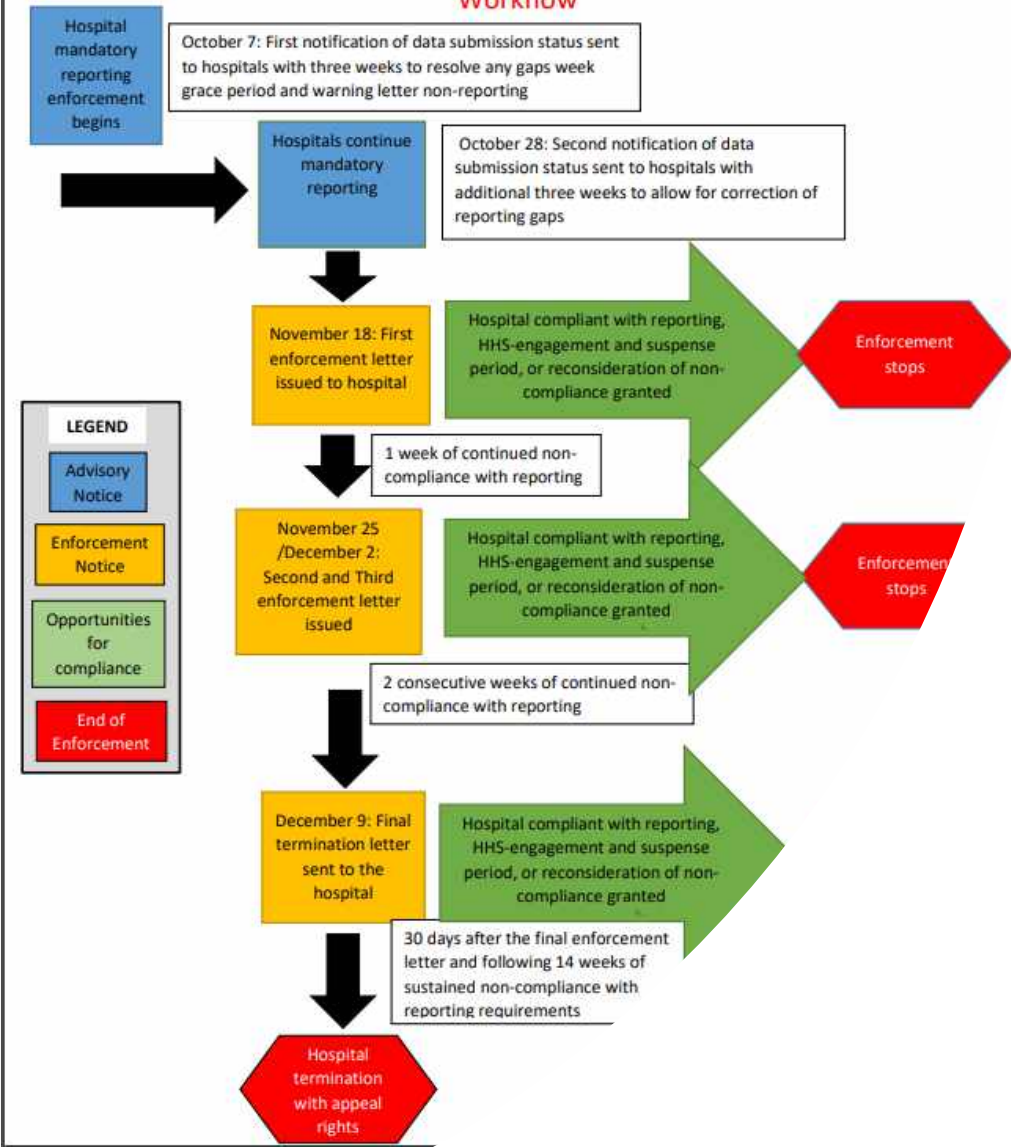


June 2020
LTC NHSN



Oct 2020
Required data
or loss of
Medicare

Hospital Mandatory COVID-19 Reporting Enforcement Workflow



The Letter...

Dear Administrator:

SUBJECT: COVID-19 Reporting

2019 NOVEL CORONAVIRUS (COVID-19) REPORTING REQUIREMENTS

The Centers for Medicare & Medicaid Services (CMS) is committed to taking critical steps to ensure America's health care facilities are prepared to respond to the threat of COVID-19. On September 2, 2020, CMS released an Interim Final Rule Comment (IFC), announcing that in accordance with 42 CFR § 482.42(e) and 485.640(d), hospitals and Critical Access Hospitals (CAHs) are required to report information on COVID-19 in accordance with a frequency and in a standardized format as specified by the Secretary during the Public Health Emergency (PHE) for COVID-19

(<https://www.hhs.gov/sites/default/files/covid-19-faqs-hospitals-hospital-laboratory-acute-care-facility-data-reporting.pdf>) through one of the approved reporting methods to ensure appropriate tracking, response, and mitigation of COVID-19 in hospitals.

For providers to demonstrate compliance with the new requirement, facilities must submit the data to one of the approved methods at least once daily. For additional information on COVID-19 reporting requirements please visit:

<https://www.hhs.gov/sites/default/files/covid-19-faqs-hospitals-hospital-laboratory-acute-care-facility-data-reporting.pdf>.

This letter provides you with your reporting status based upon the information provided to CMS, through HHS, in order for you to correct your data submission or identify submission problems prior to beginning enforcement. Non-compliance is assessed based upon a one-week reporting period. As of October 6, 2020, a preliminary analysis showed that this facility did not meet the requirements for the

ID	Information Needed	Definition
Items 1 – 25 are to be reported daily (except psychiatric and rehabilitation hospitals who are to report these weekly)		

1.	Hospital information (in separate fields) a) Hospital name b) CCN c) OrgID (Optional) d) State e) County f) ZIP g) TeleTracking ID (Optional)	6. a) ICU bed occupancy Subset: b) Adult ICU bed occupancy	Total number of staffed inpatient ICU beds that are occupied. This is a subset of #1.
2.	a) All hospital beds Subset: b) All adult hospital bed	7. Total mechanical ventilators	
		8. Mechanical ventilators in use	
3.	a) All hospital inpatient Subset: b) Adult hospital inpatient beds	9. a) Total hospitalized adult suspected or confirmed positive COVID patients Subset: b) Hospitalized adult confirmed-positive COVID patients	
4.	a) All hospital inpatient occupancy Subset: b) Adult hospital inpatient occupancy	10. a) Total hospitalized pediatric suspected or confirmed positive COVID patients Subset: b) Hospitalized pediatric confirmed-positive COVID patients	
5.	a) ICU beds Subset: b) Adult ICU beds	11. Hospitalized and ventilated COVID patients	

12. a) Total ICU adult suspected or confirmed positive COVID patients Subset: b) Hospitalized ICU adult confirmed-positive COVID patients	Patients currently hospitalized in a designated adult ICU bed who have suspected or laboratory-
13. Hospital onset	
14. ED/overflow	
15. ED/overflow and ventilated	
16. Previous day's COVID-19 Deaths	
17. Previous day's adult admissions:	
18. Previous day's pediatric COVID-19 admissions: a) Previous day's pediatric admissions with confirmed COVID-19 b) Previous day's pediatric admissions with suspected COVID-19	
19. Previous day's total ED visits	
20. Previous day's total COVID-19-related ED visits	
21. Previous day's remdesivir (Required until November and then Optional)	
22. Current inventory of Remdesivir (Required until November 4th and then Optional) b) Previous day's adult admissions with suspected	

COVID-19 and breakdown by age bracket:	Enter the number of patients who were admitted to an adult inpatient bed on the previous calendar day who had suspected COVID-19 at the time of
23. Critical staffing shortage today (Y/N) (Required until November 4th and then Optional)	Enter Y if you have a critical staffing shortage today. Enter N if you do not have a staffing shortage today.
24. Critical staffing shortage anticipated within a week (Y/N) (Required until November 4th and then Optional)	
25. Staffing shortage details (Optional)	

For items 26 – 32, report

26. Are your PPE supply items managed (purchased, allocated, and/or stored) at the facility level or, if you are part of a	
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health system, at the health system level (or other multiple facility group)? (SYSTEM or FACILITY)	• Health system level or multiple-hospital group (e.g., PPE purchased at the health system level)
27. On hand supply (DURATION IN DAYS) a) Ventilator supplies b) N95 respirators c) Surgical and procedure masks d) Eye protection including face shields and goggles e) Single-use gowns f) Exam gloves (sterile and non-sterile)	<ul style="list-style-type: none"> Reusable/laundable gowns Exam gloves (single) <p>Information can be obtained from materials management, infection prevention leader, operational leadership, or the COVID-19 incident command leadership in your facility.</p>
28. On hand supply (INDIVIDUAL UNITS/"EACHES") (Optional) a) N95 respirators b) Other respirators such as PAPRs or elastomeric c) Surgical and procedure masks d) Eye protection including face shields and goggles e) Single-use gowns f) Exam gloves	<ul style="list-style-type: none"> Reusable/laundable gowns Exam gloves (single) Information can be obtained from materials management, infection prevention leader, operational leadership, or the COVID-19 incident command leadership in your facility. Select YES for each of the supply types that your facility is able to order and obtain. If you have placed an order but are not able to have that order filled, please answer NO. Enter N/A if item is not applicable at the facility. Ventilator supplies (any supplies, including flow sensors, tubing, connectors, valves, filters, etc.) Ventilator medications N95 respirators Other respirators such as PAPRs or elastomeric Surgical masks Eye protection including face shields and goggles Single-use gowns Single-use gown
29. Are you able to obtain these items? (Y/N/NA) a) Ventilator supplies (any supplies excluding medications) b) Ventilator medications c) N95 respirators d) Other respirators such as PAPRs or elastomeric e) Surgical and procedure masks f) Eye protection including face shields and goggles g) Single-use gowns h) Exam gloves i) Are you maintain laundries	<ul style="list-style-type: none"> Laboratory – nasal pharyngeal swabs Laboratory – nasal swabs Laboratory – viral transport media
30. Are you able to host a 3-day or more? (Y/N/NA) a) Ventilator supplies b) Ventilator medications c) N95 respirators d) Other respirators such as PAPRs or elastomeric e) Surgical masks f) Eye protection including face shields and goggles g) Single-use gowns h) Exam gloves	<ul style="list-style-type: none"> Exam Gloves Laboratory – nasal pharyngeal swabs? Laboratory – nasal swabs
31. Does your facility re-use or extend the use of PPE? a) Reusable/laundable isolation gowns b) PAPRs or elastomeric c) N95 respirators	Enter YES for each supply type your facility re-uses or extends use of. Enter NO for those supply types your facility does not re-use or extend use of. Enter N/A if the item is not applicable for your facility.
32. Indicate any specific or critical medical supplies or medication shortages you are currently experiencing or anticipate experiencing in the next three days. (Optional)	Free text entry

And after Influenza...

3.	a) All hospital inpatient beds	Total number of staffed inpatient beds in your hospital including all overflow, observation, and active surge/expansion beds used for inpatients (includes ICU beds). This is a subset of #2.
	Subset: b) Adult hospital inpatient beds	Total number of staffed inpatient hospital including all overflow and active surge/expansion beds used for inpatients (includes designated ICU beds). This is also a subset of #2.
4.	a) All hospital inpatient bed occupancy	Total number of staffed inpatient beds that are occupied.

Influenza fields 33 - 38 to be reported every day except for psychiatric and rehabilitation hospitals who report weekly – Optional starting 10/19/20 with the intention to have these be mandatory fields within the coming weeks.		
Existing upload templates will continue to work during transition.		
Laboratory confirmation includes detection of influenza virus through molecular tests (e.g., polymerase chain reaction, nucleic acid amplification), antigen detection tests, immunofluorescence tests, and virus culture.		
33.	Total hospitalized patients with laboratory-confirmed influenza	Patients (all ages) currently hospitalized in an inpatient bed who have laboratory-confirmed influenza. Include those in observation beds.
34.	Previous day's influenza admissions	Enter the number of patients (all ages) who were admitted to an inpatient bed on the previous calendar day who had laboratory-confirmed influenza at the time of admission. This is a subset of #33.
35.	Total ICU patients with laboratory-confirmed influenza	Patients (all ages) currently hospitalized in a designated ICU bed with laboratory-confirmed influenza. This is a subset of #33.
36.	Total hospitalized patients with both laboratory-confirmed COVID-19 and influenza	Patients (all ages) currently hospitalized in an inpatient bed who have laboratory-confirmed COVID-19 and

Page 10 of 15

		laboratory-confirmed influenza. This is a subset of #9b/10b and #33.
37.	Previous day's influenza deaths	Number of patients with laboratory-confirmed influenza who died on the previous calendar day in the hospital, ED, or any overflow location.
38.	Previous day's deaths with both COVID-19 and influenza	Number of patients with laboratory-confirmed influenza AND laboratory-confirmed COVID-19 who died on the previous calendar day in the hospital, ED, or any overflow location. This is a subset of #16.

Intermountain Experience

23 hospitals and 2 LTC

Utah, Idaho, NHSN & HHS

Total hours

- **6 rewrites of files**
- **3365** hours (excluding Waivers but including internal dashboard support... **134** hours / week)
 - Analytics is bulk... about 14 hours a week is manual entry or uploading 7 days a week

New HHS file structure

PRE-RELEASE NOTES (0020-10-19)

On Monday, October 16th, 2023, the following updates will be made to the US HealthCare Classification Portal to reflect changes made in the HHS [Revisions](#) to the CONSENT (HHS, 2023).

Data Entry Form Updates

Visit www.irs.gov/efile to determine if the e-file form will be accepted. **Caution:** e-file with the latest 1110-C instructions. These numbers will correspond to the e-file data held in the IRS database.

Additional: 26 data points will be removed from the entry form. See the Data Updates section below for details.

Data Upload Updates

For posts adding data with the Data Upload feature, the October 10th update will allow the Portal to accept either the legacy template (which reflects the July 20th 1445 Guidelines) or the new template (which reflects the October 8th 1445 Guidelines). **However, the 2nd, 3rd and 4th tabs will only accept the new template.**

Data Update

Use the [free form](#) tab to input what data points are being added, removed, and events triggered within.

This information is not being furnished to the public.

- Field investigation only if suspected or confirmed **gonorrhea**
- Field investigation possible, **not** confirmed **chlamydia**

This following research field, to the author's admission, is a well-known topic in the future:

- [illegible]

• <https://doi.org/10.1016/j.jmb.2019.04.004>
This full-length paper is subject to the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>)

- **World Languages: Spanish, Mandarin**

- [illegible]

The following table set to respond with the record 40, 2220 will be made up to be 1 month.

- ```

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```

- [illegible]

- ```

1 # Import the pandas module
2 import pandas as pd
3
4 # Create a DataFrame with 10 rows and 3 columns
5 data = {'Year': 2010, 'Country': 'USA', 'GDP': 15000000000000.0}
6 data = data.append({'Year': 2011, 'Country': 'USA', 'GDP': 16000000000000.0})
7 data = data.append({'Year': 2012, 'Country': 'USA', 'GDP': 17000000000000.0})
8 data = data.append({'Year': 2013, 'Country': 'USA', 'GDP': 18000000000000.0})
9 data = data.append({'Year': 2014, 'Country': 'USA', 'GDP': 19000000000000.0})
10 data = data.append({'Year': 2015, 'Country': 'USA', 'GDP': 20000000000000.0})
11 data = data.append({'Year': 2016, 'Country': 'USA', 'GDP': 21000000000000.0})
12 data = data.append({'Year': 2017, 'Country': 'USA', 'GDP': 22000000000000.0})
13 data = data.append({'Year': 2018, 'Country': 'USA', 'GDP': 23000000000000.0})
14 data = data.append({'Year': 2019, 'Country': 'USA', 'GDP': 24000000000000.0})
15
16 # Print the DataFrame
17 print(data)
18
19 # Save the DataFrame to a CSV file
20 data.to_csv('GDP_2010_2019_USA.csv')
21
22 # Load the DataFrame from a CSV file
23 data = pd.read_csv('GDP_2010_2019_USA.csv')
24
25 # Print the DataFrame
26 print(data)

```

Total daily elements (latest version)



87 elements for HHS

38 required weekly (supplies)
49 required daily (COVID / Capacity)
36 being removed, 9 added, 4 optional (staffing and remdesiver)



8 – 32 daily elements for HHS laboratory



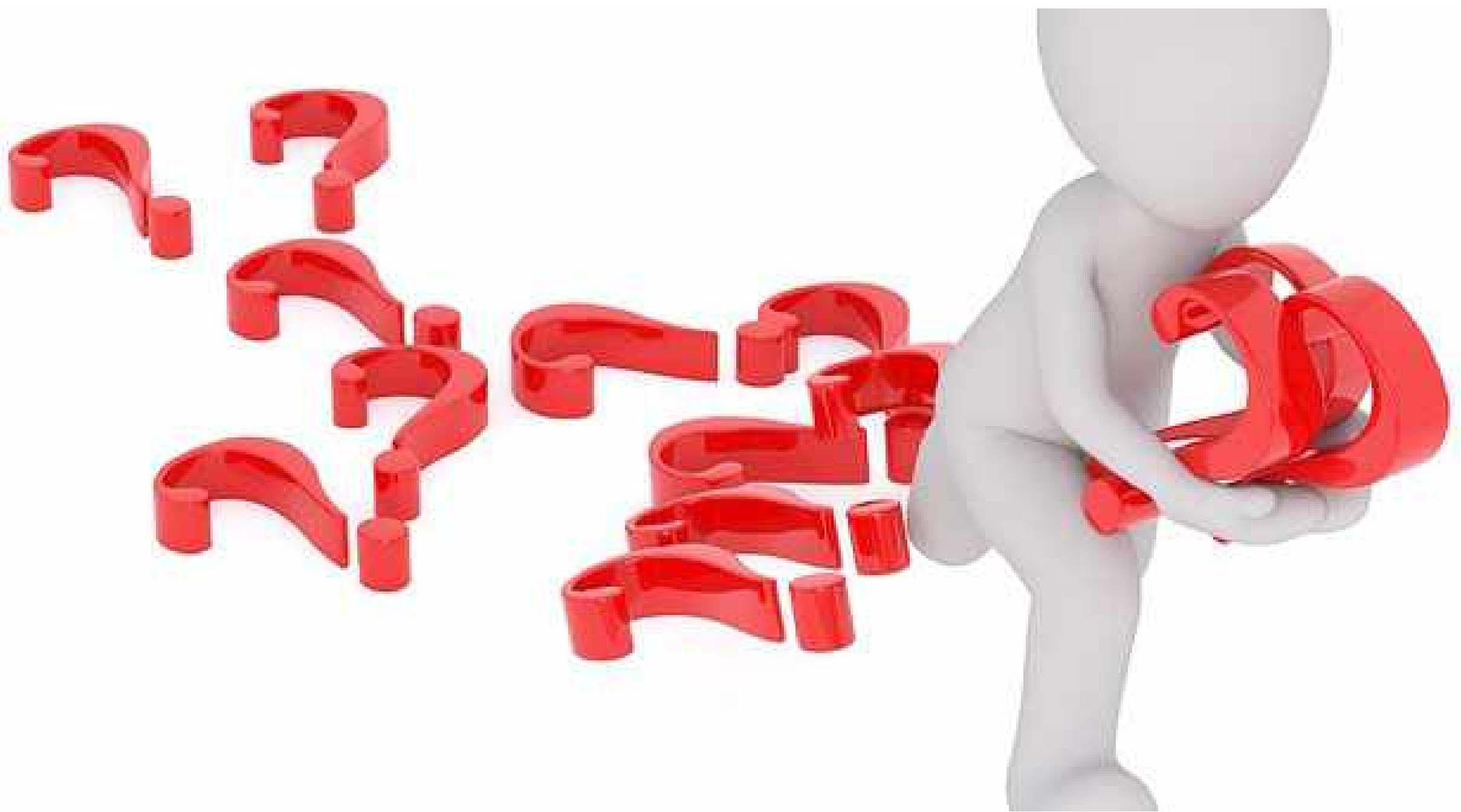
47 daily elements for LTC NHSN

When & Where will the trail end....

Keystone to success

- Change is inevitable
- Someone watching briefs / AHA etc.
- Tight communication w/ vendor or analytics
- Develop data source granular element level
- Close attention to the details
- Breathe!





COVID-19

The future of healthcare delivery

10/2020 | Presented by: Chu Trandinh, M.D.

WHO AM I?



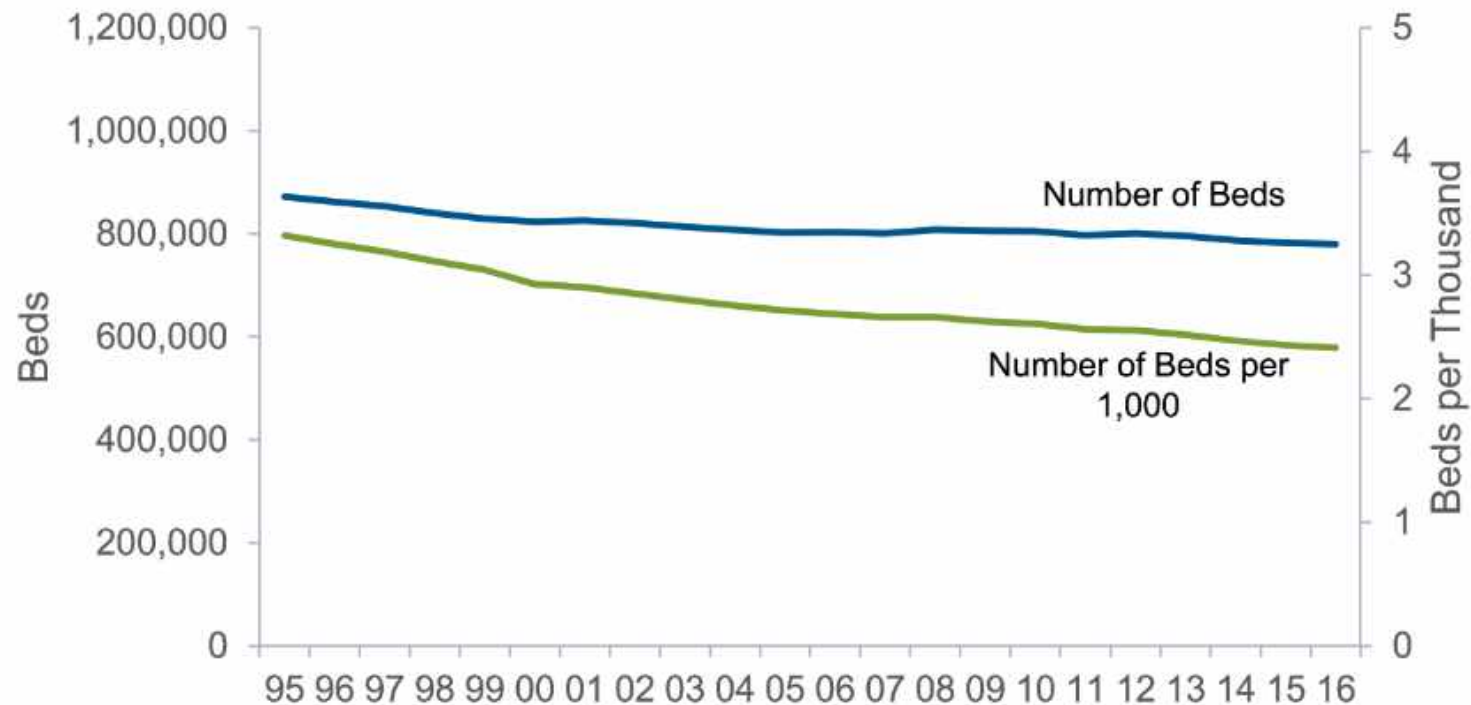
BEFORE, DURING, AFTER COVID

- Hospital Beds

HOSPITAL BEDS Before COVID

LESS IS MORE

Number of Beds and Number of Beds per 1,000 persons 1995-2016

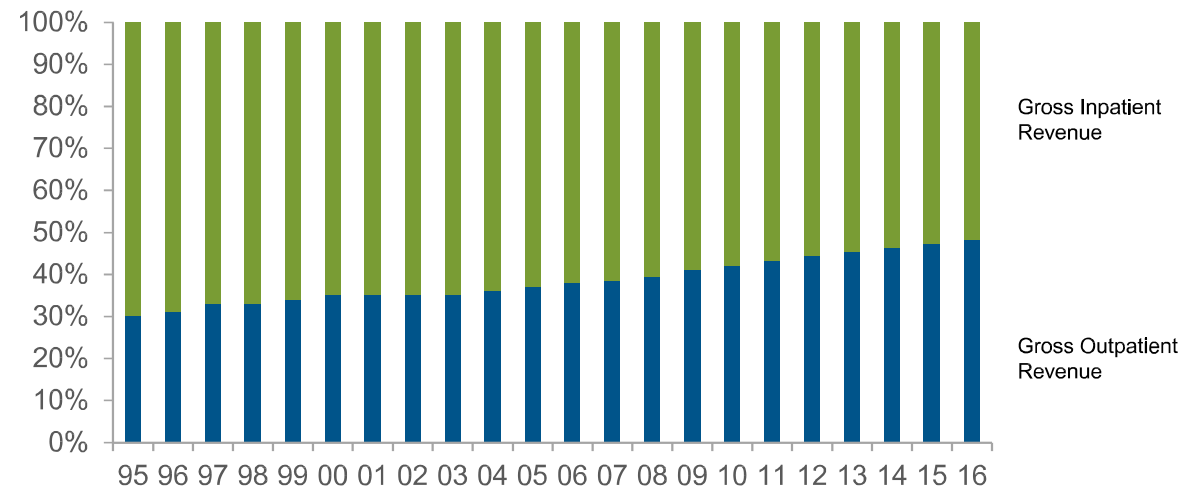


Source: Analysis of American Hospital Association Annual Survey data, 2016, for community hospitals.

OUTPATIENT VS. INPATIENT REVENUES

TRENDWATCH CHARTBOOK 2018
Trends in Hospital Financing

Chart 4.3: Distribution of Outpatient vs. Inpatient Revenues, 1995 – 2016



Source: Analysis of American Hospital Association Annual Survey data, 2016, for community hospitals.

DURING COVID

OMG

Not enough Beds

Not enough ICU Beds

Strategy to increase ICU beds

HOW ITALY CREATED 500 ICU BEDS IN 18 DAYS

1. Admit COVID-19 patients to 15 first-responder hospitals
2. Identified hospitals were asked to take several actions to increase surge capacity, including creating "cohort ICUs," units that are separate from other ICU beds
3. The hospitals were asked to cancel nonurgent procedures

[Becker Hospital Review Italian 500 beds in 18 days Digested JAMA source data for Becker Review](#)

STRATEGY for the US

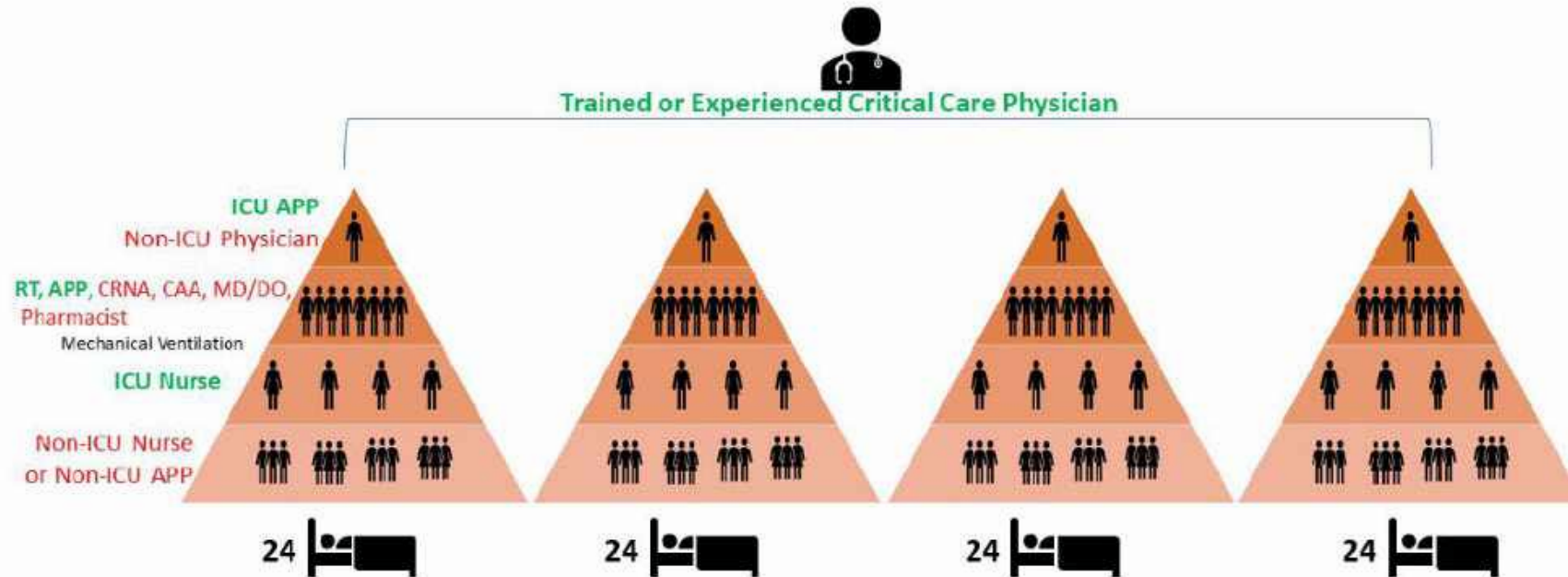
Society of Critical Care Medicine

- ICU, step-down, and burn beds
- PACU
- USNS Mercy (T-AH-19) and USNS Comfort (T-AH-20)
 - USNS Mercy was deployed in LA
 - USNS Comfort was deployed in NY
 - 182 patients were treated

STRATEGY FOR STAFFING

Tiered Staffing Strategy for Pandemic

Requiring Significant Mechanical Ventilation



Modified from the Ontario Health Plan for an Influenza Pandemic Workgroup. *Critical Care During a Pandemic*.

CARES ACT PROVIDER RELIEF FUND

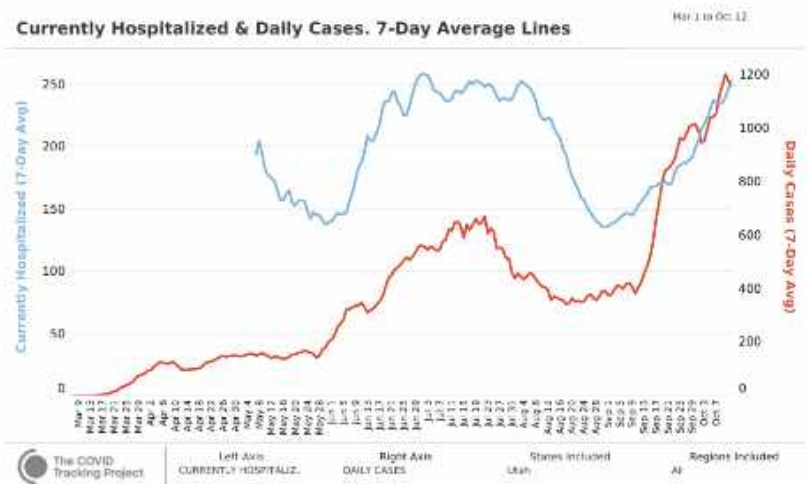
- HHS is distributing \$175 billion to hospitals and healthcare providers on the front lines of the coronavirus response
- LTAC (Long Term Acute Care)
- AIR (Acute Inpatient Rehab)

DISCHARGE DESTINATIONS

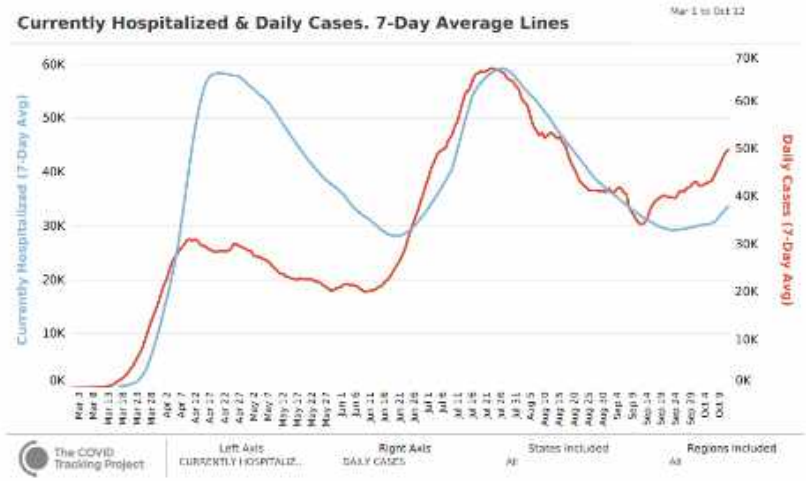
- COVID designated Nursing Facilities
- Discharge to Motels/Hotels
 - [Greater NY Hospital Process for Discharging Homeless Requiring Isolation](#)
 - Home health, services like oxygen
 - Meals delivered
 - Calls to the patients twice a day

UTAH COMPARED TO US HOSPITALIZATIONS

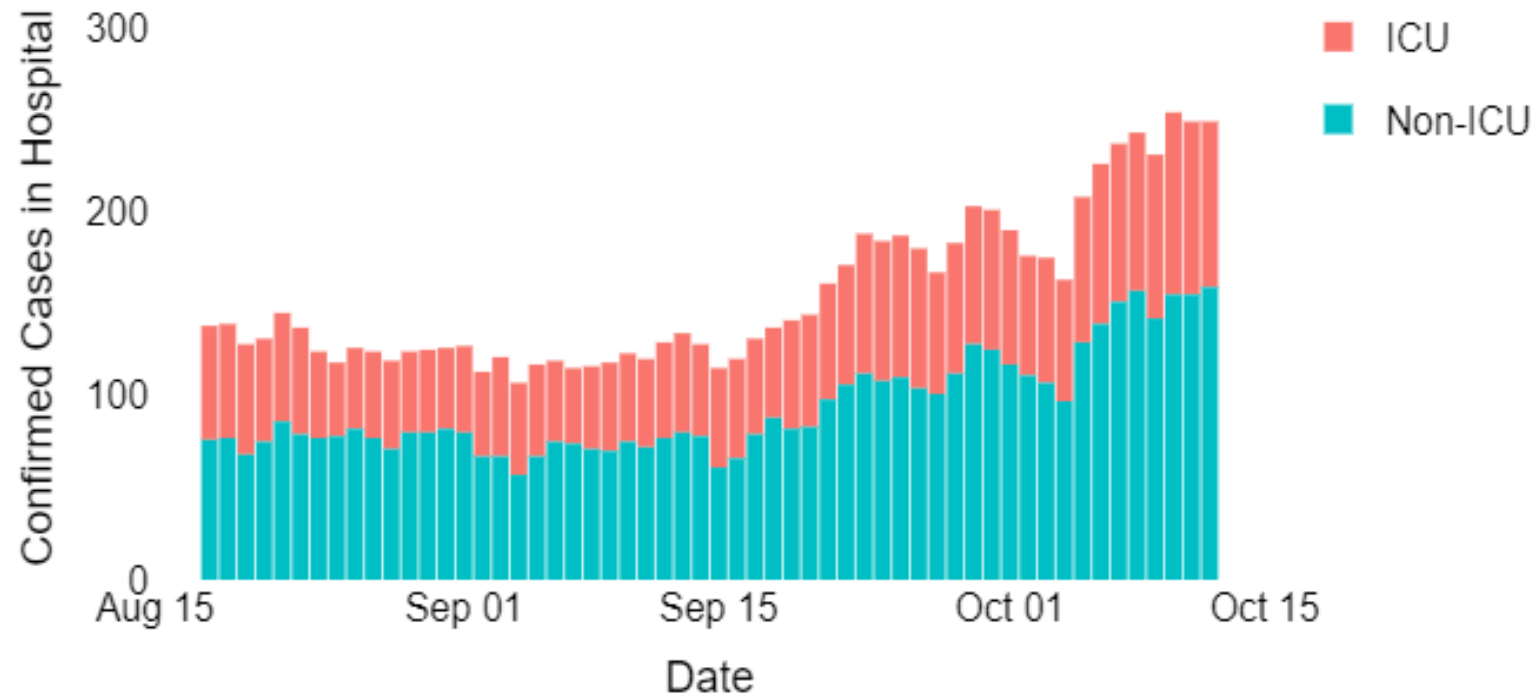
UTAH



UNITED STATES



UTAH ICU vs. NON-ICU HOSPITALIZATIONS



[Utah Covid Dashboard](#)

UNIVERSITY OF UTAH REPORT

Return to School on Sept 8

New peak in infection – as of October 6

- 176% increase since 8/31 (15-24 years)
- 222% increase since 9/10 (45-64 years)
- 240% increase since 9/11 (65-84 years)

Peak number of hospitalizations in early October

- More ICU admissions than Ward admissions
- “Having to actually defer and delay some episodes of care”

FUTURE OF HOSPITAL BEDS

What we should learn from COVID

Fewer beds

**Rapid deployment
for emergencies**

**Creative discharge
planning**

Questions



2019 DIAMOND RING



Telepsychiatry

What it is and how we can grow with it?

Deepak Rajpoot, M.D.
Behavioral Health Medical Director
Molina Healthcare of Utah and Idaho

Poll Question # 1:

Are you or your organization using telehealth at this time?

A. Yes

B. No

C. Unsure

Psychiatry



- Psychiatry is the medical specialty devoted to the diagnosis, prevention, and treatment of mental disorders. These include various [maladaptations](#) related to mood, behavior, cognition, and perceptions.
- Initial psychiatric assessment of a person typically begins with a case history and mental status examination. Physical examinations and psychological tests may be conducted. On occasion, neuroimaging or other neurophysiological techniques are used.

Psychiatry



- Mental disorders are often diagnosed in accordance with clinical concepts listed in diagnostic manuals such as the *International Classification of Diseases* (ICD), edited and used by the World Health Organization (WHO) and the widely used *Diagnostic and Statistical Manual of Mental Disorders* (DSM), published by the American Psychiatric Association (APA). The fifth edition of the DSM (DSM-5) was published in 2013 which re-organized the larger categories of various diseases and expanded upon the previous edition to include information/insights that are consistent with current research.
- The combined treatment of psychiatric medication and psychotherapy has become the most common mode of psychiatric treatment in current practice, but contemporary practice also includes a wide variety of other modalities, e.g., assertive community treatment, community reinforcement, and supported employment. Treatment may be delivered on an inpatient or outpatient basis, depending on the severity of functional impairment or on other aspects of the disorder in question.

Poll Question # 2:

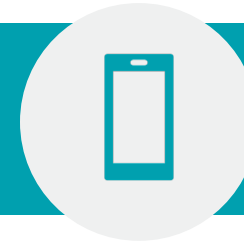
Are you or your organization using telepsychiatry at this time?

A. Yes

B. No

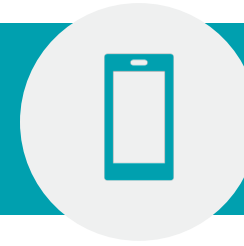
C. Unsure

Telepsychiatry



- Telepsychiatry is the application of telemedicine to the specialty field of psychiatry. The term typically describes the delivery of psychiatric assessment and care through telecommunications technology, usually videoconferencing.
- Telepsychiatry services can be offered through intermediary companies that partner with facilities to increase care capacities, or by individual providers or provider groups. Most commonly, telepsychiatry encounters take place at medical facilities under the supervision of onsite staff, though at-home models are becoming accepted as long as they are in compliance with HIPAA standards.

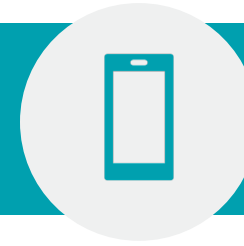
Telepsychiatry



One of the drivers behind telepsychiatry's growth in the United States has been a national shortage of psychiatrists, particularly in specialty areas such as child and adolescent psychiatry; telepsychiatry can allow fewer doctors to serve more patients by improving utilization of the psychiatrist's time.

Telepsychiatry can also make it easier for psychiatrists to treat patients in rural or under-served areas by eliminating the need for either party to travel.

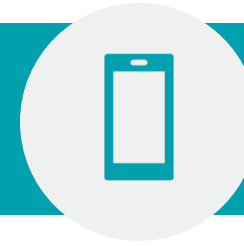
Types of Telepsychiatry



Home-based telepsychiatry:

- Psychiatric treatment of patients who are at home or in another private setting is called home-based telepsychiatry or direct-to-consumer telepsychiatry, and it can require only a webcam and high-speed internet service. However, in order to avoid the risk of violating the patient-provider relationship, issues of security and possible HIPAA violations, providers who wish to practice home-based telepsychiatry are best served doing so from within a secure, HIPAA compliant online platform.
- Led by psychiatrist Jill Afrin, South Carolina Department of Health Deaf Services Program has used home-based telepsychiatry as a part of its services since the mid-1990s.
- Individual psychiatrists are adopting this method more and more with willing, interested patients, and it is an especially useful tool for consumers with limited mobility included the elderly and the disabled. Unfortunately, home-based telepsychiatry is not typically reimbursed by private payors or Medicaid, though many states are adopting measures into their legislation in the form of parity laws that would allow for it to be reimbursed in the future.

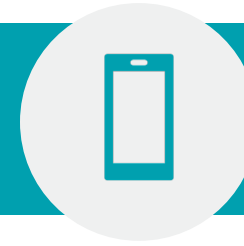
Types of Telepsychiatry



Forensic telepsychiatry:

- Forensic telepsychiatry is the use of a remote psychiatrist or nurse practitioner for psychiatry in a prison or correctional facility, including psychiatric assessment, medication consultation, suicide watch, pre-parole evaluations and more.
- Telepsychiatry can deliver significant cost savings to correctional facilities by eliminating the need for prisoners to be escorted to off-site appointments and psychiatric interventions.

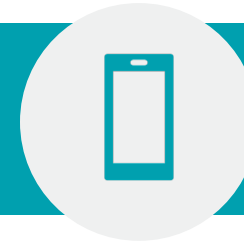
Types of Telepsychiatry



On-demand telepsychiatry:

- As of 2008, guidelines are being developed for the provision of telepsychiatric consultation for emergency psychiatric patients, such as the evaluation of suicidal, homicidal, violent, psychotic, depressed, manic, and acutely anxious patients. However, emergency telepsychiatry services are already being provided to hospital emergency departments, jails, community mental health centers, substance abuse treatment facilities, and schools. Emergency telepsychiatry can ease staff shortages in overworked hospital emergency departments and increase patient throughput and ED disposition. Rather than employ expensive, short-term locum tenens doctors or have emergency department physicians evaluate the psychiatric stability of their patients, hospitals can use telepsychiatry to decrease costs and increase patient access to behavioral health evaluations by psychiatric specialists.
- Crisis telepsychiatry is also an efficient means of reducing the need for psychiatric boarding. Psychiatric boarding is when a mentally ill resident is detained, often in a hospital emergency department, while waiting for proper psychiatric treatment. With the increased throughput offered by telepsychiatry, psychiatric consumers enjoy reduced wait times and faster access to care.

Types of Telepsychiatry



Scheduled telepsychiatry:

- Many facilities that offer behavioral health care are turning to telepsychiatry providers to allow for an increased care capacity. With routine telepsychiatry, a consistent provider or small group of providers serve a regular caseload of consumers in previously scheduled blocks of time. Remote providers can be consulted for medication management, treatment team meetings, supervision, or to offer traditional psychiatric assessment and consultations.
- Having access to remote providers allows facilities, especially those in rural areas that struggle to recruit and maintain providers, access to a greater variety of specialty care to offer their consumers.
- Facilities that use routine telepsychiatry include:
 - Community Mental Health Centers (CMHCs) Outpatient Clinics
 - Federally Qualified Health Centers (FQHCs)
 - Universities and Schools Residential Programs
 - Nursing Homes
 - Accountable Care Organizations (ACOs)
 - Substance Use Treatment Centers Military Bases

Software Available for Telepsychiatry Use



The following vendors offer telepsychiatry platforms:

- Zoom (special purchase/BAA required)
- Skype (special purchase/BAA required)

Clinical platforms available with telepsychiatry functionality:

- American Wells
- Teladoc
- Talk Space

Poll Question # 3:

Do you feel comfortable that you or your organization are in compliance with regulations around telepsychiatry?

A. Yes

B. No

Ryan Haight Act and Federal DEA Regulations



- The Ryan Haight Online Pharmacy Consumer Protection Act of 2008 was designed to combat the rogue internet pharmacies that proliferated in the late 90s, selling controlled substances online.
- The Act took effect April 13, 2009, and the Drug Enforcement Agency issued regulations effective that same date. The Act essentially imposed a federal prohibition on form-only online prescribing for controlled substances. Although the Act was intended to target “rogue” internet pharmacies, legitimate telemedicine providers who prescribe controlled substances must carefully review the regulations to ensure compliance.
- Among other things, the Act requires a practitioner to have conducted at least one in-person medical evaluation of the patient, in the physical presence of the practitioner, before issuing a prescription for a controlled substance.

Ryan Haight Act and Federal DEA Regulations



- Under the Ryan Haight Act, no controlled substance may be delivered, distributed, or dispensed by means of the internet (including telemedicine technologies) without a valid prescription.
- A valid prescription means a prescription that is issued for a legitimate medical purpose in the usual course of professional practice by:
 1. a practitioner who has conducted at least one in-person medical evaluation of the patient
 2. a covering practitioner

Ryan Haight Act and Federal DEA Regulations



- “In-person medical evaluation” means a medical evaluation that is conducted with the patient in the physical presence of the practitioner, without regard to whether portions of the evaluation are conducted by other health professionals.
- Once the prescribing practitioner has conducted an in-person medical evaluation, the Act does not set an expiration period or a mandatory requirement of subsequent annual examinations (although specific drugs may have their own rules for subsequent exams).
- This should not be construed to imply that one in-person medical evaluation demonstrates that a prescription has been issued for a legitimate medical purpose within the usual course of professional practice. The responsibility for the proper prescribing and dispensing of controlled substances is on the prescribing practitioner.

Ryan Haight Act and Federal DEA Regulations



- There are some exceptions to the in-person exam requirement, but none readily apply to a telemedicine service where the patient is at his or her home.
- The DEA is currently drafting a proposed rule that will create a special registration process allowing physicians to prescribe controlled substances via telemedicine without an in-person exam, regardless of the patient's location.
- Notwithstanding the DEA federal rules, physicians still must comply with state laws on controlled substance prescribing. If a state law is more restrictive than the federal rules, the more restrictive provisions apply.
- Physicians must also comply with other state and federal regulations, such as licensure, state DEA registration, etc.
- The Ryan Haight Act does not apply to all prescription drugs; only controlled substances.

Ryan Haight Act and Federal DEA Regulations



Telemedicine Exceptions to the In-Person Exam Requirement

The Act offers seven telemedicine exceptions to the in-person exam requirement, but they are very narrow and do not reflect contemporary accepted clinical telemedicine remote prescribing practices. They are summarized as follows:

1. The patient is being treated in a DEA-registered hospital or clinic.
2. The patient is being treated in the physical presence of a DEA-registered practitioner.
3. The telemedicine consult is conducted by a DEA registered practitioner for the Indian Health Service, who is designated as an Internet Eligible Controlled Substances Provider by the DEA.
4. The telemedicine consult is conducted during a public health emergency declared by the Secretary of the U.S. Department of Health and Human Services.
5. The telemedicine consult is conducted by a practitioner who has obtained a DEA special registration for telemedicine.
6. The telemedicine consult is conducted by a Veterans Health Administration practitioner during a medical emergency recognized by the VHA.
7. The telemedicine consult is conducted under other circumstances specified by future DEA regulations.

Poll Question # 4:

Knowing what you know now, would you start/expand current telepsychiatry services?

A. Yes

B. No

QUESTIONS?



THANK YOU FOR JOINING US!

WE HOPE TO SEE YOU AGAIN NEXT WEEK

10/22/2020 

12:00-1:00 PM MT 

Mortality Data: Opportunities for Improvement



Milli West, MBA CPHQ
Intermountain Healthcare
System Director Quality

Mortality: We're killing it!
A 90-Day Sprint Experience

Participants will describe how to rapidly assemble a multi-disciplinary team to address opportunities from the Vizient CDB and improve mortality O/E with a patient-center approach.

Participants will discuss how to identify key tactics and corresponding process and outcomes measures, and how to ensure teams follow through on commitments and make an impact.



Sathya Vijayakumar, MS MBA
Intermountain Healthcare
Senior Project Manager

Engaging your Team behind the Why with CDI Mortality

Participants will describe the use of data from Vizient CDB from creation for creation of service line specific training material.

Participants will learn how to engage caregivers and educate them about the most impactful comorbidity documentation, and how to provide caregivers data relevant to the care they provide to their patients.



Kearstin Jorgenson, MSM CPC COC
Intermountain Healthcare
System Operations Director
for Physician Advisor Services

For Registration:
<https://www.surveymonkey.com/r/P9B5TYT>

