



NYC Health Care Coalition (NYCHCC) Emergency
Preparedness Symposium (EPS) co-hosted with The
Emergency Preparedness Coalition of Manhattan (EPCOM)
NYC DOHMH Office of Emergency Preparedness and Response
Bureau of Healthcare and Community Readiness
Tuesday, February 16, 2021



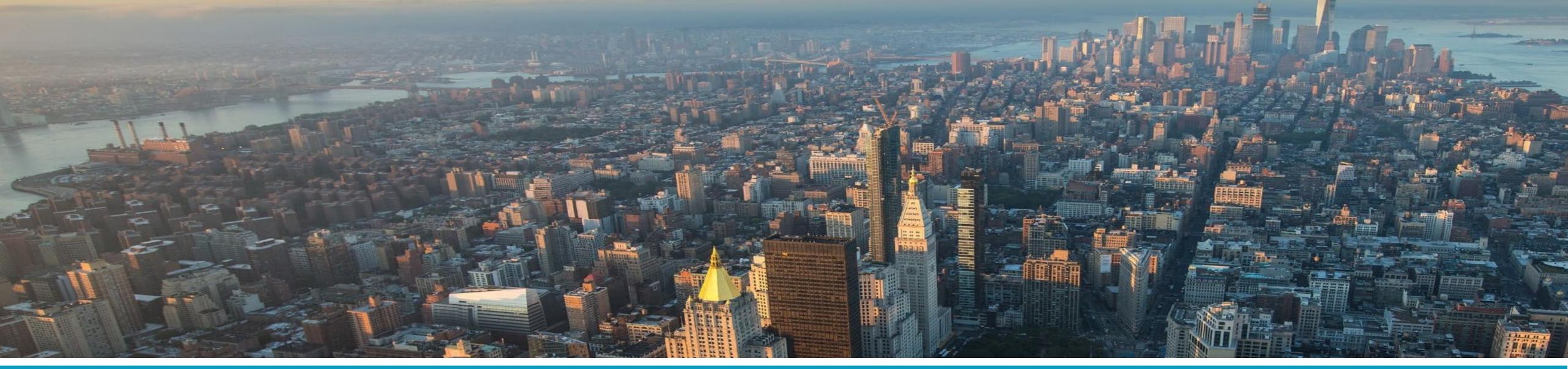
## Welcome!



## Agenda

| PM          |   |
|-------------|---|
| 2:00 – 2:05 | Arrivals / Welcome Taina Lopez, Sr. Manager Planning and Strategy, Healthcare System Readiness, OEPR, Bureau of Healthcare and Community Readiness, NYC DOHMH   |
| 2:05 – 3:00 | EPCOM: The Emergency Preparedness Coalition of Manhattan: Leveraging real-time bed availability data for disasters – GNYHA Pilot Speakers include GNYHA, HSS, and NYU Langone   |
| 3:00 - 3:30 | U.S. Department of Health and Human Services (HHS) SPEED: Special Projects for Equitable and Efficient Distribution of COVID-19 Outpatient Therapeutics LCDR Tiffany Pfundt, PharmD, PMP/ Lead, SPEED Program, COVID-19 Monoclonal Antibody Therapeutics Team |
| 3:30 – 3:45 | <b>DOHMH Update on Resources for Monoclonal Antibody Therapy Dr. Pooja Jani</b> , MD, MPH, Health Systems Planning and Strategies Lead, HSSB/OEPR, Bureau of Healthcare and Community Readiness, NYC DOHMH  |
| 3:45 – 4:00 | Q&A/Announcements   |
| 4:00        | Adjournment   |





# EPCOM: The Emergency Preparedness Coalition of Manhattan: Leveraging real-time bed availability data for disasters – GNYHA Pilot

Speakers include GNYHA, HSS, and NYU Langone





February 16, 2021

#### GREATER NEW YORK HOSPITAL ASSOCIATION

Over 100 years of helping hospitals deliver the finest patient care in the most cost-effective way.

## Agenda Items

- □ Overview of Sit Stat 2.0
- Bed Occupancy Data Automation Pilot Project
- □ NYU and HSS Experiences
- □ Launch of Sit Stat 3.0

## Overview of Sit Stat 2.0

GNYHA's Situational Awareness Platform

## GNYHA's Sit Stat 2.0 Platform

- Situational awareness platform
  - 115 hospitals across NYS
  - 15+ response agencies
- □ Three primary uses
  - Resource Detail View
    - Important static information
  - Tailored Views
    - Consolidates key information
  - Real-Time Events
    - Current and anticipated impacts









At the heart of health



Memorial Sloan Kettering Cancer Center™





#### Westchester Medical Center

Westchester Medical Center Health Network

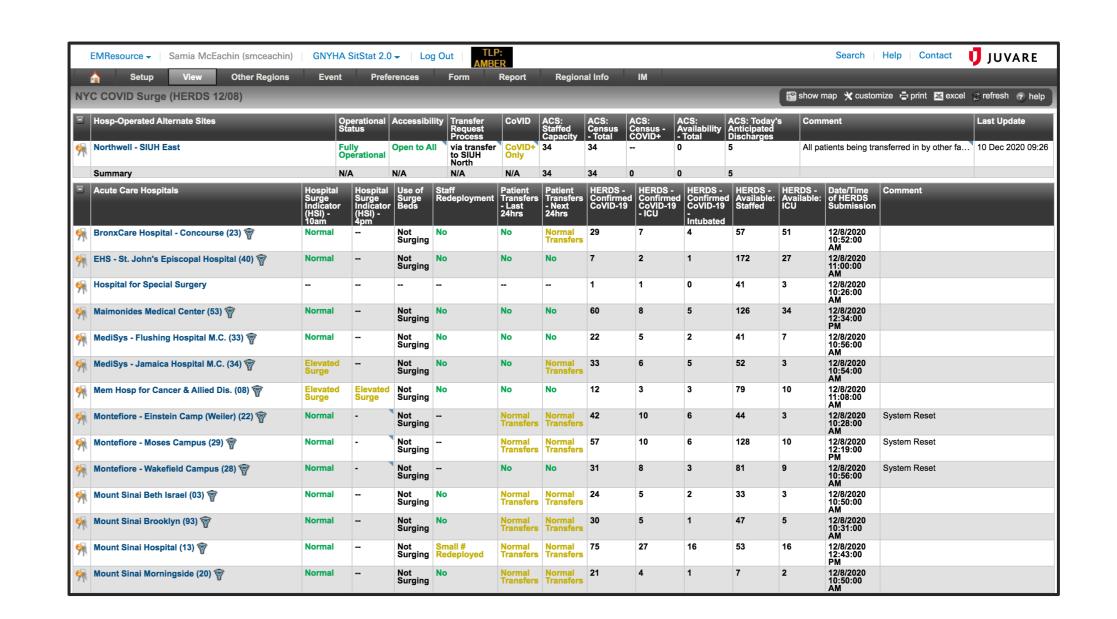
## Innovations During COVID Response

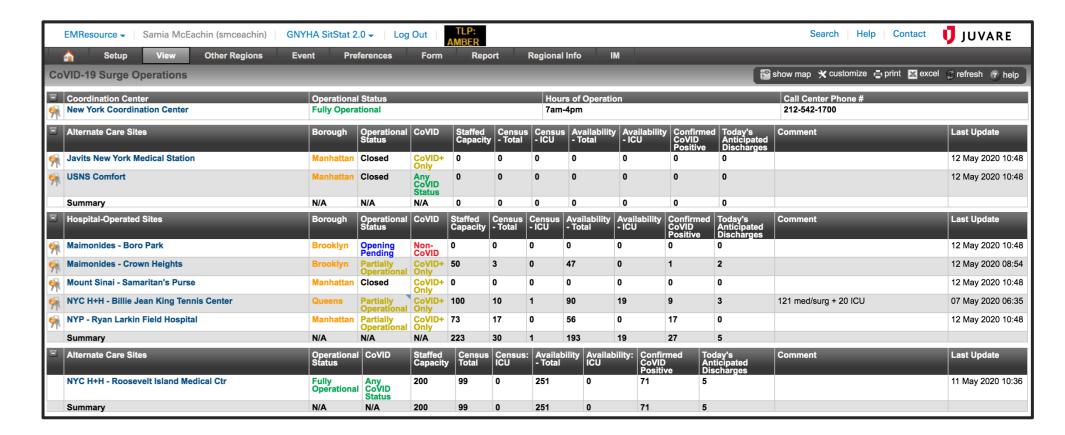
#### Daily Hospital Survey

- Wave I: focused on facility operations and impacts
- Wave II: HSI and other surge indicators

#### Dashboard of Key HERDS Data

- Subset of HERDS data focused on COVID patients counts and bed availability
- Supporting Discharge Operations
  - Alternate Care Site tracking
  - COVID-only nursing facility contact info
- Other Information Displayed
  - Transfer center contacts
  - Fatality management contacts





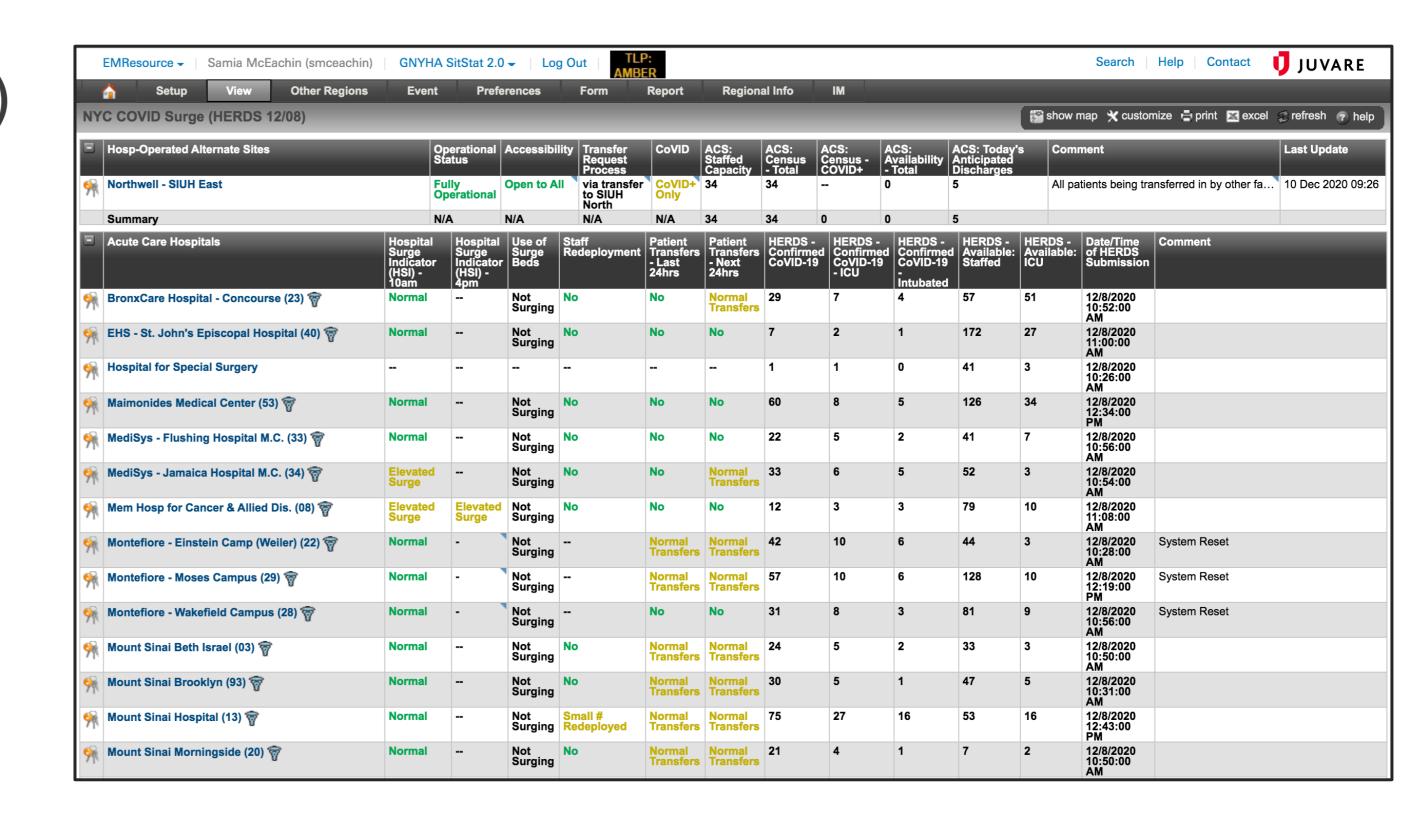
## Innovations During COVID Response Wave II

#### Daily Hospital Survey

- Hospital Surge Indicator (HSI)
- Surge behavior questions
  - Use of surge beds, staff redeployment, and patient transfers due to capacity concerns

### Supporting Regional Transfer Operations

 Key contact information to facilitate transfers



## Bed Occupancy Data Automation Pilot Project

## 12 Pilot Project

- In response to the data collection burden experienced by hospitals during the COVID-19 response and the long-standing desire to move toward data automation
- □ Launched in September 2020
- □ Goal: To develop a proof of concept for real-time, standardized bed occupancy data for the NYC region
  - Facilitated via the automation of data flow between hospital bed management systems and the Sit Stat platform
- Supported by the NYC DOHMH via HPP funding
  - End-to-end integrations for three NYC hospitals and health systems

## Standardization & Automation of Bed



#### Standardization

- Using standardized bed definitions developed via GNYHA's 2017 workgroup
  - Minor adjustment made to ventilator category
- Inpatient census and availability data

#### Automation

- Interface established between hospital bed management system and Sit Sit to allow for automated data flow
- Bed definition mappings are used to make the correct connection points
- Data is pushed from the hospital bed management system into Sit Stat at a defined interval
- Data is displayed in Sit Stat organized by the standardized bed definitions

## 14 Pilot Sites and Project Workgroup







- Workgroup consists of pilot sites, GNYHA, and Juvare
  - Clinical and IT sub-workgroups
- □ Focus areas
  - Refinement of standardized bed definitions
  - Data governance and access
  - Inform expansion and forward planning



## Sit Stat 2.0 Bed Occupancy Data Automation Pilot

Tuesday, February 16, 2021

Rosemary McDonnell, M.P.S.

Asst. Director, Safety & Emergency Planning Hospital for Special Surgery <a href="mailto:mcdonnellr@hss.edu">mcdonnellr@hss.edu</a>

#### Application Submission & Leadership Buy-In



#### **Application Submission Approval:**

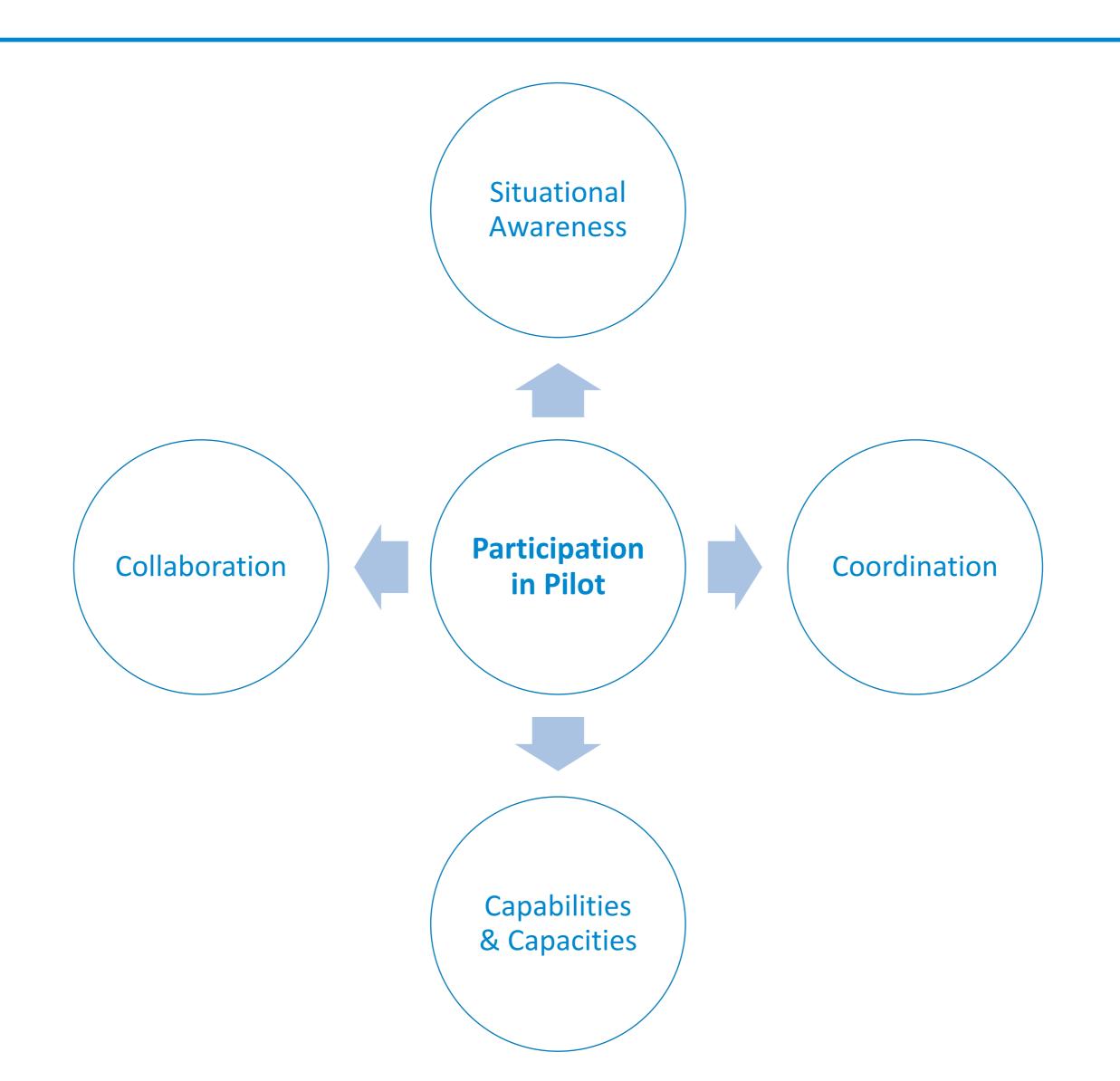
- Coordinated meeting with all individuals that would serve on project workgroup
- Most beneficial part of meeting was giving examples of emergency scenarios where this project would prove helpful to us

#### Points to Emphasize for Leadership Buy-In:

- This may become mandatory for hospitals to participate in going forward
- Potential for eventual reduction of the number of platforms we are required to report occupancy numbers on
  - Automation of reporting
  - Future potential integration with the NYSDOH HERDS surveys

#### Independent Hospital Value





#### **Evolution of Workgroup**



#### **Project Kick-Off Workgroup**

#### **Emergency Mgmt**

Bed Mgmt (Patient Access Services)

Nursing

Information Technology

Legal

Regulatory/Quality

Risk

**Operational Excellence** 



#### **Small Project Workgroup**

**Emergency Mgmt** 

Nursing

**Information Technology** 

#### IT, Nursing, & EM Involvement



#### **Emergency Mgmt**

- Project management
- Operationalization

#### Nursing

- Crosswalk of bed definitions
- Data validation

#### Information Technology

- System configurations
- Data exports
- Data approvals
- Security questions
- Bed mapping in Epic to Juvare
- Data testing
- Data validation

#### Questions?



### Thank you & stay safe.

#### Rosemary McDonnell, M.P.S.

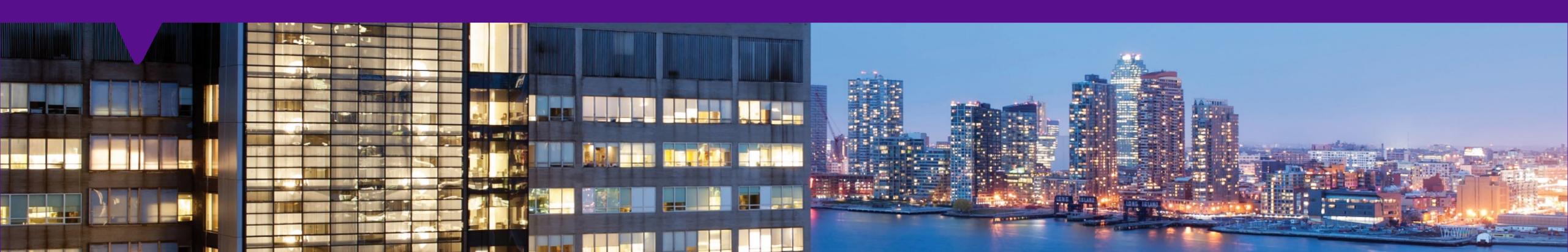
Asst. Director, Safety & Emergency Planning Hospital for Special Surgery <a href="mailto:mcdonnellr@hss.edu">mcdonnellr@hss.edu</a>



## Sit Stat Bed Occupancy Automation Implementation Pilot

Via WebEx

Tuesday, February 15, 2021



### Value-add for NYU Langone Health

Our institution isn't immune to disasters, internal and external

Emergencies move fast, requiring information immediately

Leading-edge Industry Standard



#### Fostering Leadership Support

Feasibility

Patient Placement Team, IT/EPIC Team

Executive Sponsors

Chief of Staff, System Chief Medical Officer

Clinical Champion
Chair of Emergency Management Committee



## New York Region SitStat 2.0 EPIC Integration Pilot

Shariing bed avaiilabiiliity data duriing disasters is a challenge

NYULH has the opportunity to integrate EPIC with GNYHA's coordination platform, SitStat 2.0, providing regional partners with real-time bed data during local incidents

#### What is SitStat 2.0?

- ☐ Technology solution championed by GNYHA
- ☐ Provides situational awareness during emergencies and disasters
- ☐ Facilitates sharing of information between health systems

Advantages of HPIC Integration

- 11 Streamlines bed-polling activities
- IT Reduces manual data entry by P3/CTC
- IT Provides ED bed availability during
  Mass Casualty Incidents
- 11 Expedites patient placement during evacuations

limpleimentation

- 11 Five-month period with integration by February 2021
- 11 Sharing only bed summary data
- 11 No PHI or HIPPA sensitive data
- 11 Able to review and control information prior to sharing

Use Cases

Hudson River Bike Path Attack, 2017
As patients were being treated in downtown
Manhattan, FDNY alerted local EDs with no
sense of their current capacity

#### Hurricane Sandy, 2012

Evacuation of three hospitals required coordination and patient placement throughout the region with no consolidated system of tracking available beds



### Health System Buy-In and Awareness

**System-wide Departments** 

Regulatory

**Information Technology** 

Patient Placement /
Tx Center

Manhattan, Brooklyn, Orthopedic, Long Island

**Chief Medical Officer** 

**Nursing Administration** 

**Hospital Operations** 

**ED Service Chiefs** 



### **Key Concerns**

Misinterpretation of Data by Outsiders

GNYHA education on data

Reflection of Surge Capacity

Opportunities in EPIC to reflect

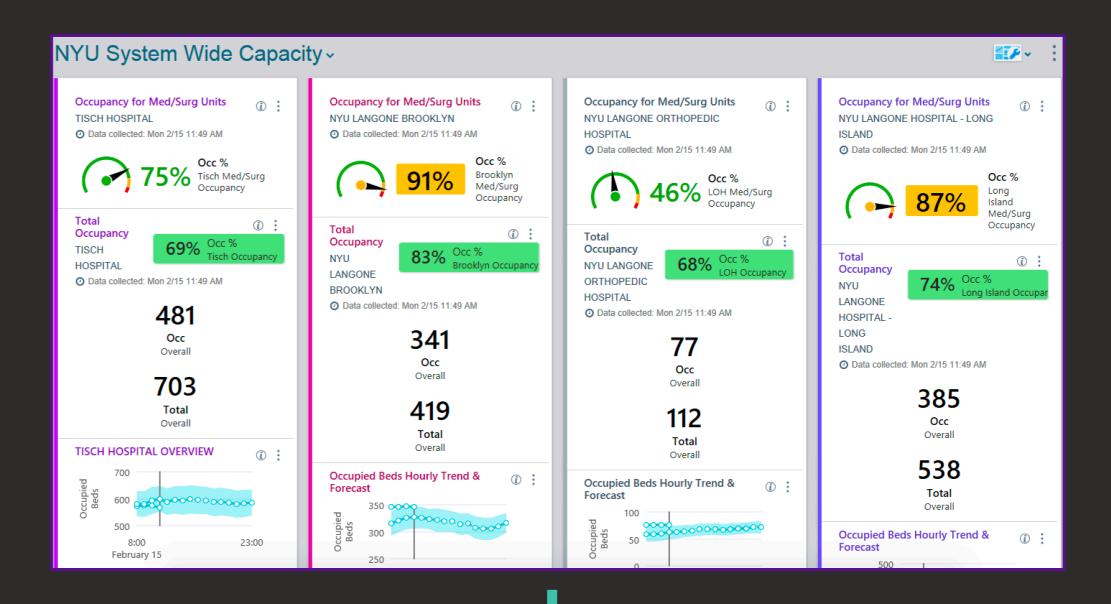
Protection of Competitive Data

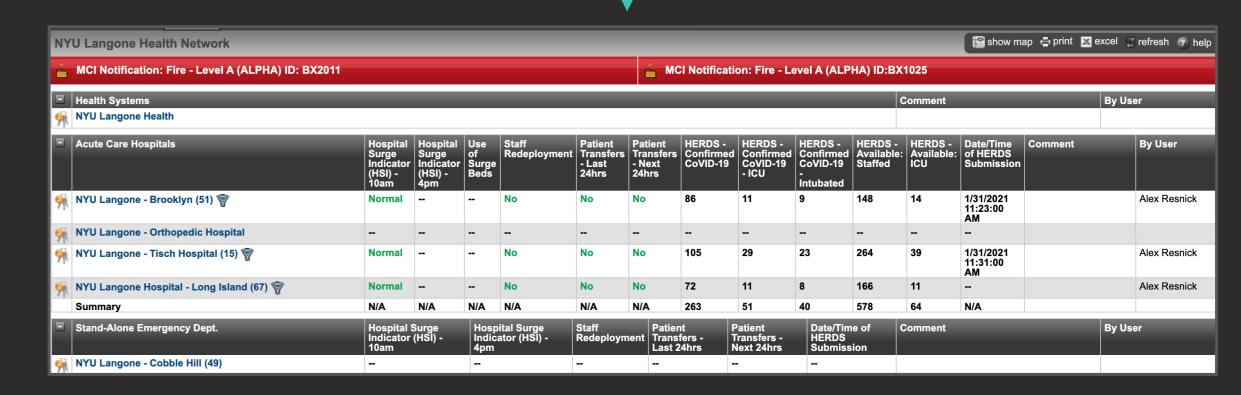
Policy implementation of when/how data is displayed



#### Translating EPIC to SitStat

- ✓ Most GNYHA bed-definitions completed already
- ✓ Convening IT, Patient Placement on a regular basis
- ✓ Continual reporting to Leadership Sponsors







#### Thank You

#### **Andrew Dahl**

NYU Langone Health Emergency Management + Enterprise Resilience Andrew.Dahl@nyulangone.org (646) 823-5472



## Launch of Sit Stat 3.0

A Critical Step Toward Automated Bed Data in New York

## Statewide Rollout of Sit Stat 3.0

- GNYHA is moving forward with expansion of the pilot project, greatly advancing system capabilities
  - Building on early success and valuable lessons learned from Pilot sites
- □ Sit Stat 3.0 is a critical step toward having automated, real-time, and standardized bed data across New York
  - Statewide expansion of the functionality offered in the Pilot Project
  - Participation and integrations come at no cost to members

## Data Utility & Real-World Use

#### **Emergency Use**

- Facilitate bed matching during a single facility or regional evacuation
- Inform primary and secondary transport during and after a large MCI
- Support load balancing during a long-duration event like COVID-19

#### Daily Use

- Inform EMS transports in support of NYC FDNY's optimization efforts
- Daily and historical insight into regional capacity

## Data Security & Governance

- □ To address anticipated data security questions, Juvare will provide facilities with their SOC2 document
  - This is an audit report that attests to their data security practices and trustworthiness
- GNYHA has developed standard data access guidelines in partnership with the Pilot Workgroup
  - Define daily and emergency access for hospitals, health systems, GNYHA, and response agencies
  - Guidelines will be shared as part of launch package

### Rollout & Timeline

- GNYHA will distribute a bulletin announcing the launch of Sit Stat 3.0, followed by an informational webinar in early March
- Hospitals and health systems will have a period to enroll in the first phase of the expansion
  - Onboarding will be on a rolling basis
- GNYHA will provide key supporting materials up front and following official enrollment
  - Project details, bed definitions, technical guides, data governance guidelines, implementation checklist

## Thank You!

#### 34 Thank You!

Be on the lookout for a bulletin from GNYHA with additional details!

In the meantime, please reach out to us with any questions.

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LCDR Tiffany Pfundt, PharmD, PMP/ Lead, SPEED Program, COVID-19 Monoclonal Antibody Therapeutics Team





## DOHMH Update on Resources for Monoclonal Antibody Therapy

Dr. Pooja Jani, MD, MPH, Health Systems Planning and Strategies Lead, HSSB/OEPR, Bureau of Healthcare and Community Readiness, NYC DOHMH



#### DOHMH Resources for Monoclonal Antibody Therapy

#### **▼** Webinars Next NYC COVID-19 Provider Webinar Date/Time: Friday, February 19, at 1 p.m. Featured Topic: Monoclonal Antibodies for Treatment and Prevention of COVID-19 Registration: Register through WebEx **Recent Webinars** 2021 • February 5: COVID-19 Vaccines: Clinical Considerations and Safety Monitoring Slides (PDF) • January 22: COVID-19 Vaccination: Building Vaccine Confidence among Providers, Staff and Patients Slides (PDF) • January 15: COVID-19 Vaccines and Vaccination Program in NYC: An Overview for Mental Hygiene Providers Slides (PDF) January 8: COVID-19 Vaccine Distribution in NYC Slides (PDF) December 18: Updates on the Epidemiology of COVID-19 in NYC; Updates on COVID-19 Vaccination and the NYC Campaign Slides (PDF) November 20: Long-term Sequelae of COVID-19; Updates on the Epidemiology of COVID-19 in NYC Slides (PDF)



#### **COVID-19 Updates**

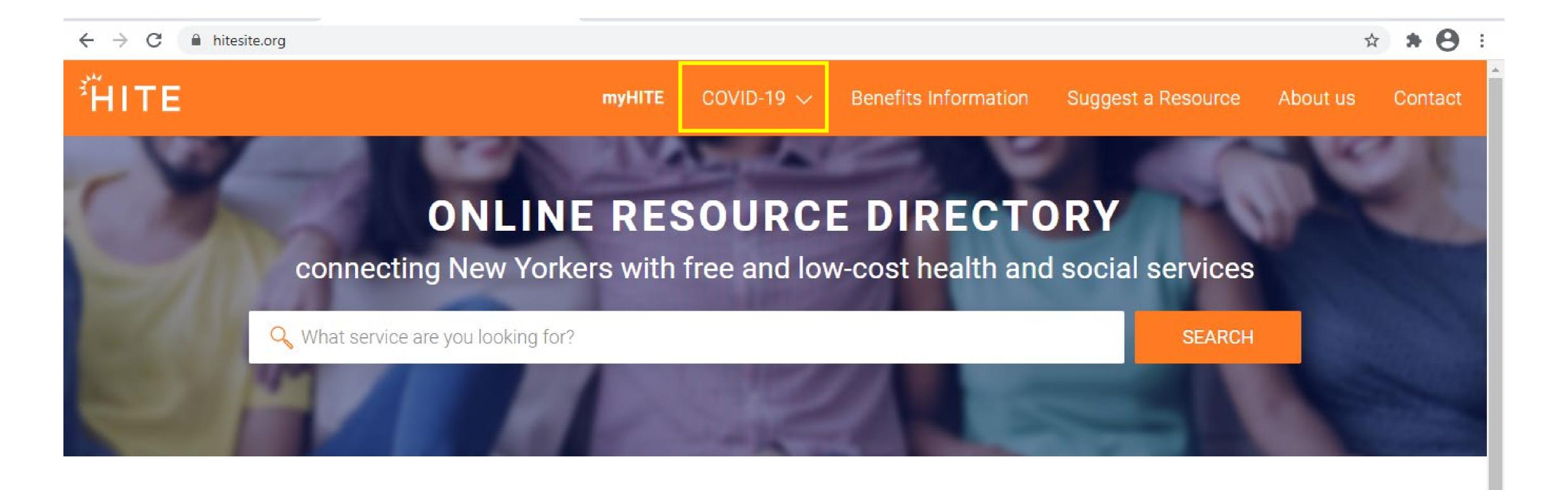
New York City Department of Health and Mental Hygiene
Flu Season During COVID-19
October 13, 2020



Staged teaching aide; childhood vaccination administration at a mobile clinic, 1976.

Image courtesy of <a href="Public Health Image Library">Public Health Image Library</a>, Centers for Disease Control and Prevention.

Inside This Newsletter



#### **BROWSE BY CATEGORY**



















## Q&A/Announcements





## Adjournment





## Thank you!

