



Ask Dr. Arwady

Commissioner: Allison Arwady

Medical Director: Stephanie Black

Assistant Commissioner: Christopher Shields

January 10, 2023



December 2022: Kathy Osterman Award Winners

Stephanie Black, Outstanding Mentor
Christopher Shields, Outstanding COVID Recovery





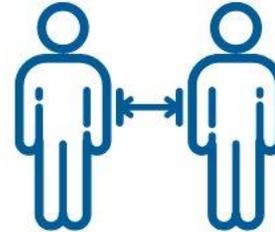
Things You Can Do To Stay Safe from COVID-19 in the New Year:



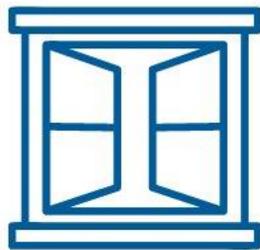
VAX UP



MASK UP



BACK UP



OPEN UP



WASH UP



TEST UP



Our local risk based on CDC COVID-19 Community Levels is:

Medium

	New cases per 100,000 population (last 7 days) <i>[Goal is <200]</i>	New admissions per 100,000 population (last 7 days) <i>[Goal is <10]</i>	Percent of staffed inpatient beds occupied by COVID-19 patients (last 7 days) <i>[Goal is <10%]</i>
City of Chicago	101	10.2	5.4%
Cook County (including City of Chicago)	125	16.5	6.5%

*Chicago metrics are calculated based on Chicago-level data.
Cook County metrics are calculated by the CDC and posted on the [CDC Community Levels website](#).
Data current as of 1/5/2023.*



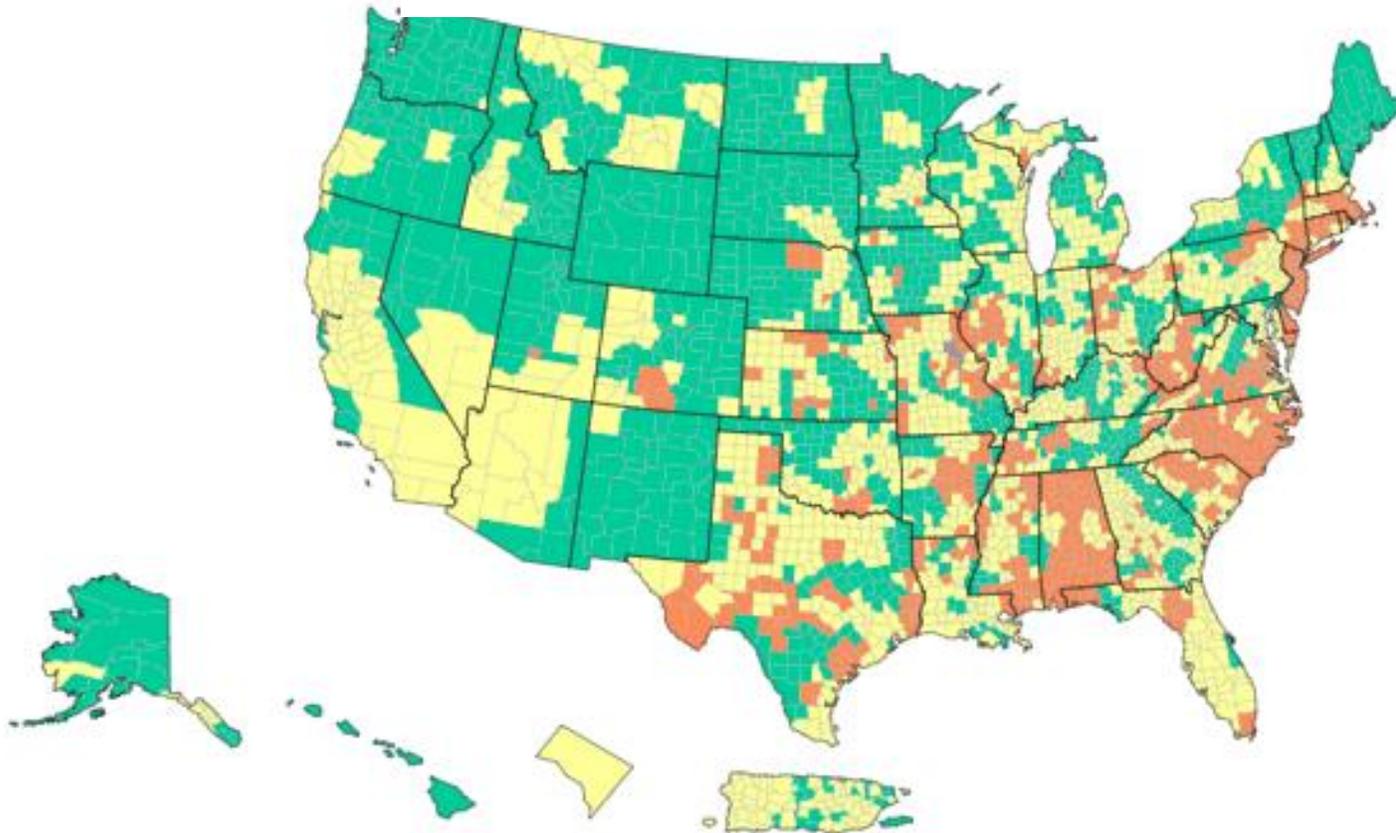
Should Cook County reach a **HIGH COVID Community Level**, Chicago would issue a formal Mask Advisory



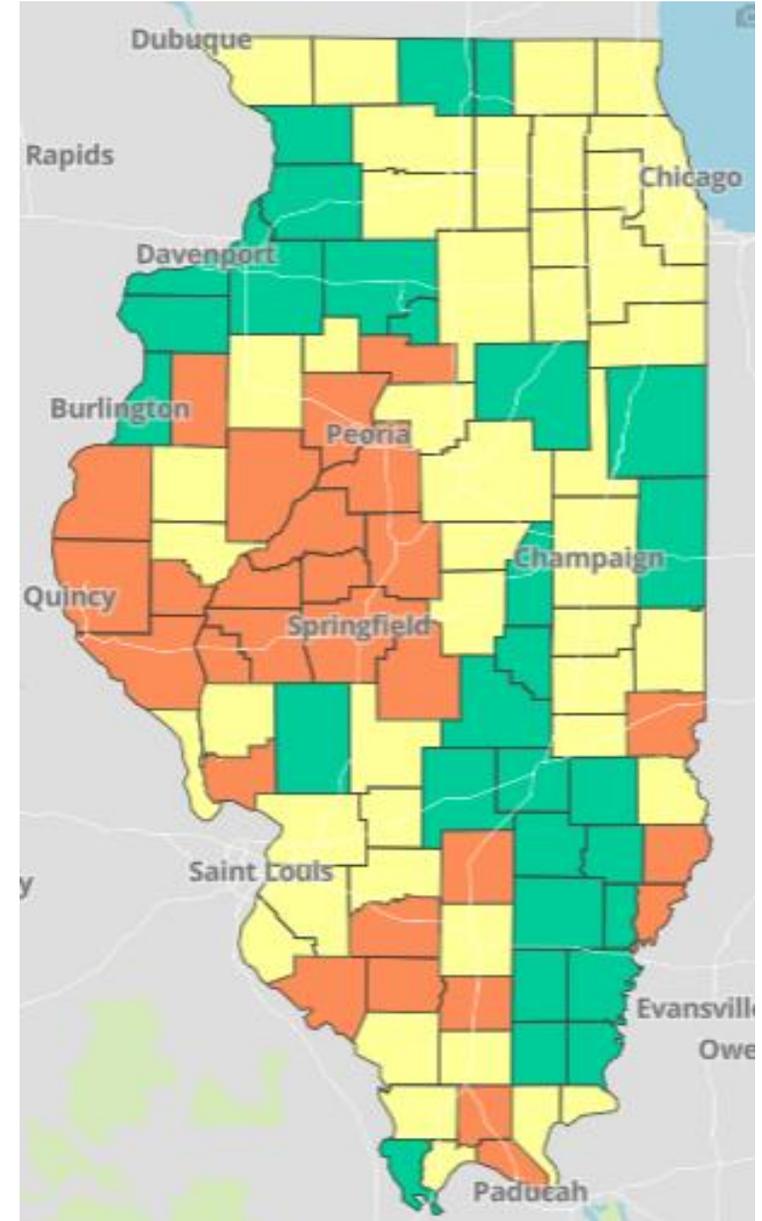
Last week, **20%** of U.S. Counties reported **High** COVID Community Level and **42%** reported **Medium** Level.



Low Medium High

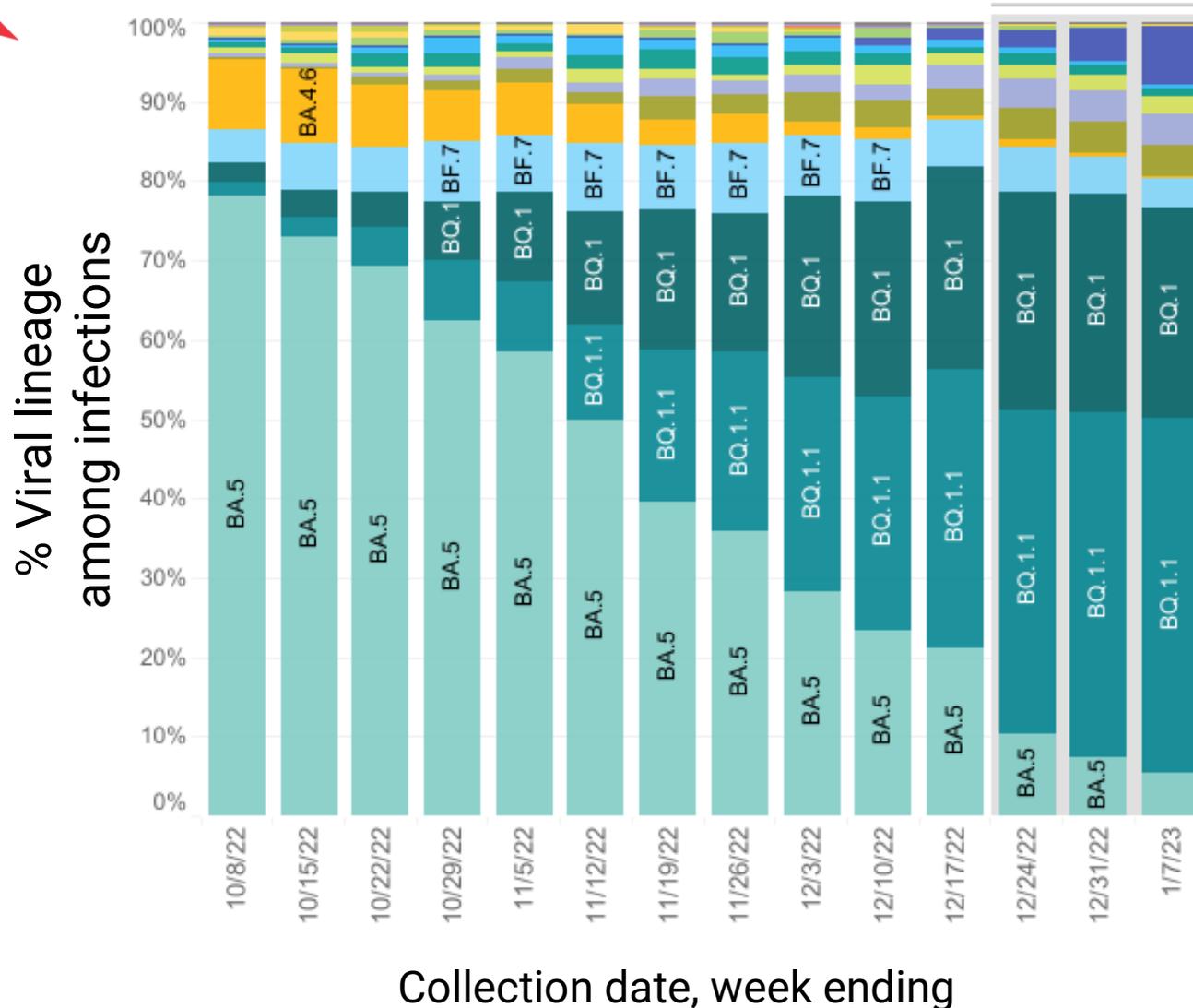


GU AS MP VI



Variant Surveillance, Midwest Region

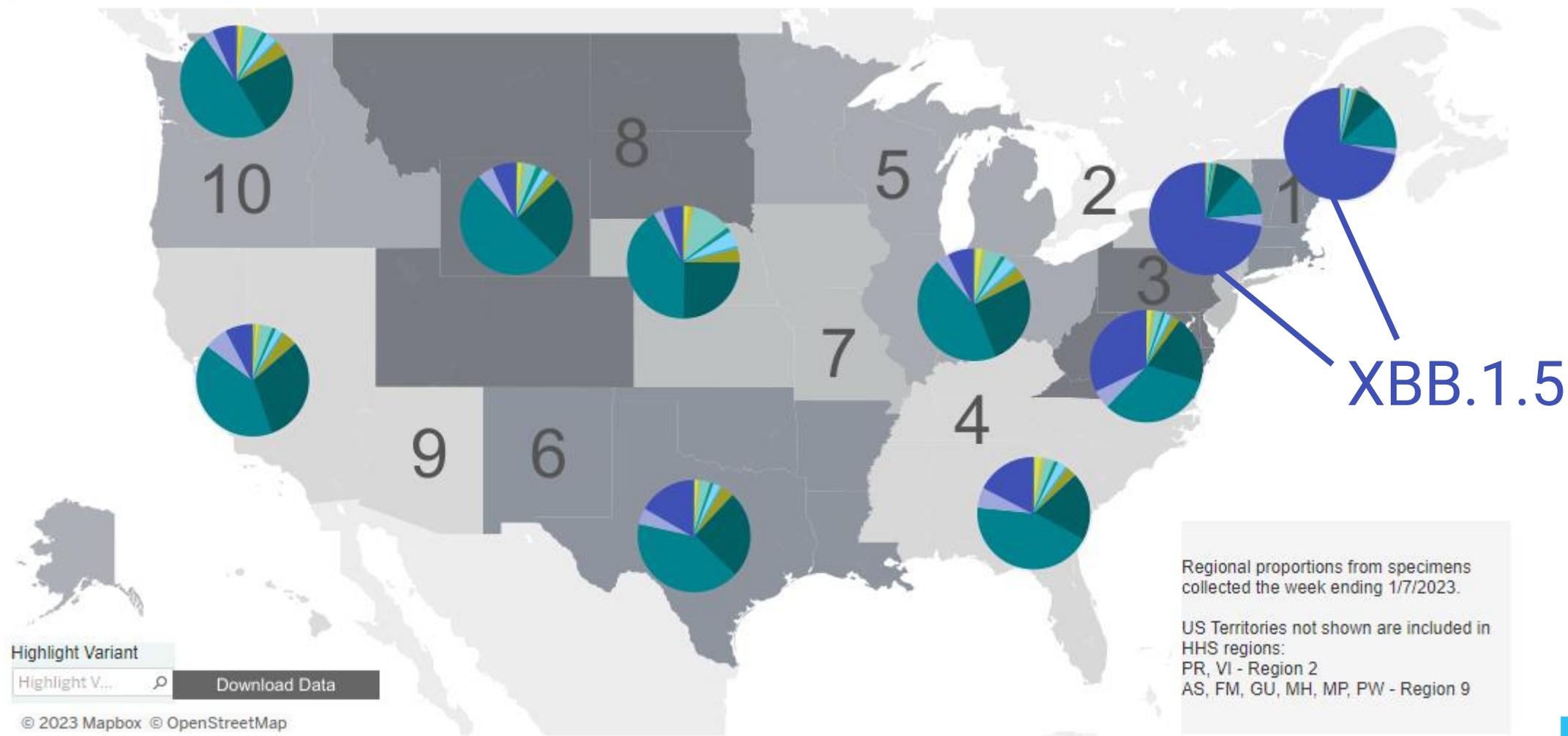
Continued evolution of more infectious **Omicron** subvariants



BQ.1.1	44.9%	
BQ.1	26.4%	
XBB.1.5	7.3%	
BA.5	5.3%	
BN.1	3.9%	
XBB	3.9%	
BF.7	3.7%	
BA.2.75	2.1%	
BA.5.2.6	1.0%	
BF.11	0.5%	
BA.2	0.4%	
BA.4.6	0.3%	
BA.2.75.2	0.1%	

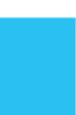
Variant Surveillance, United States

United States: 1/1/2023 – 1/7/2023 NOWCAST

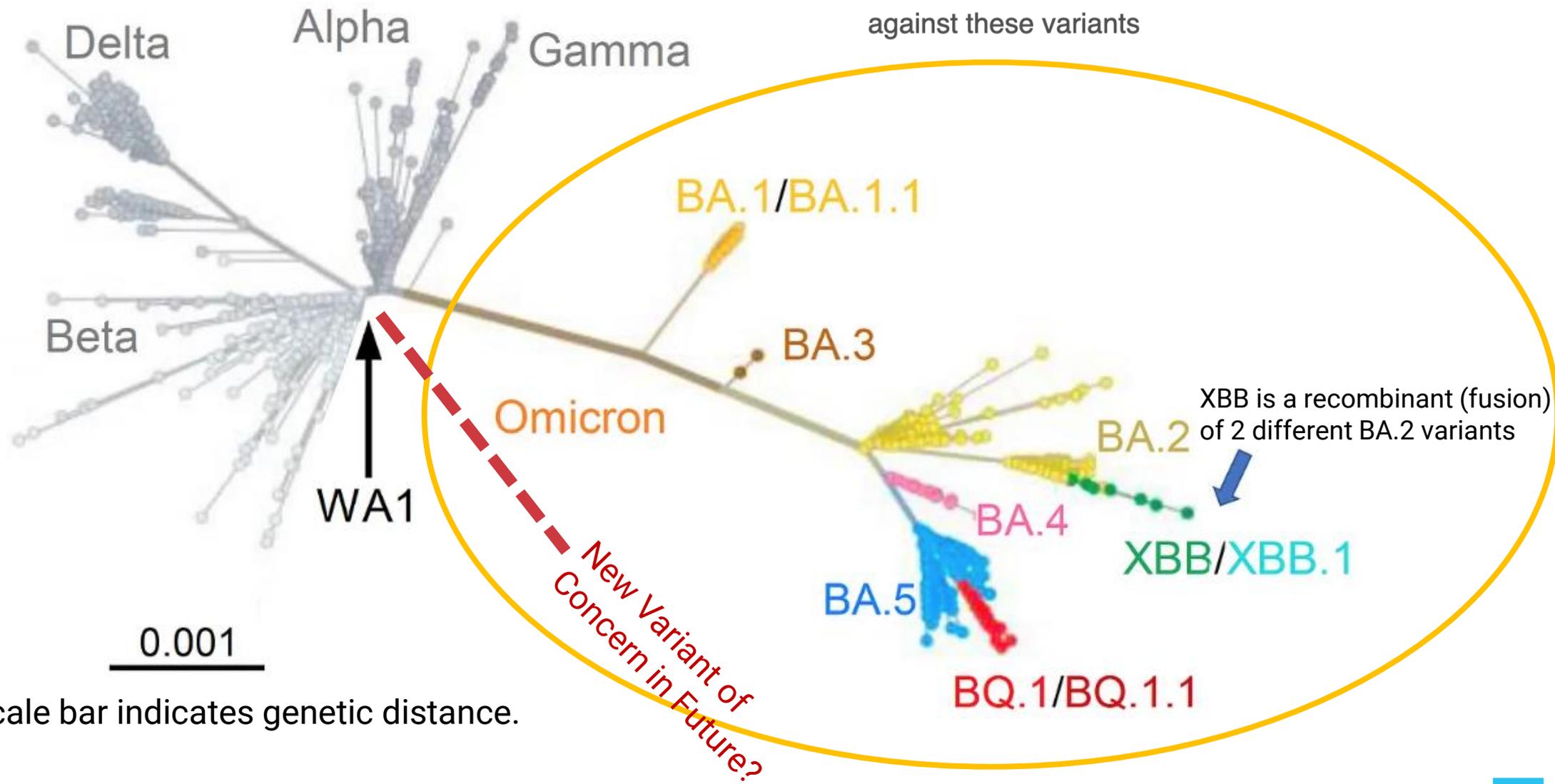


Lineages called using pangolin v4.1.3, pangolin-data v1.17 and usher v0.5.4.

Updated January 3, 2023

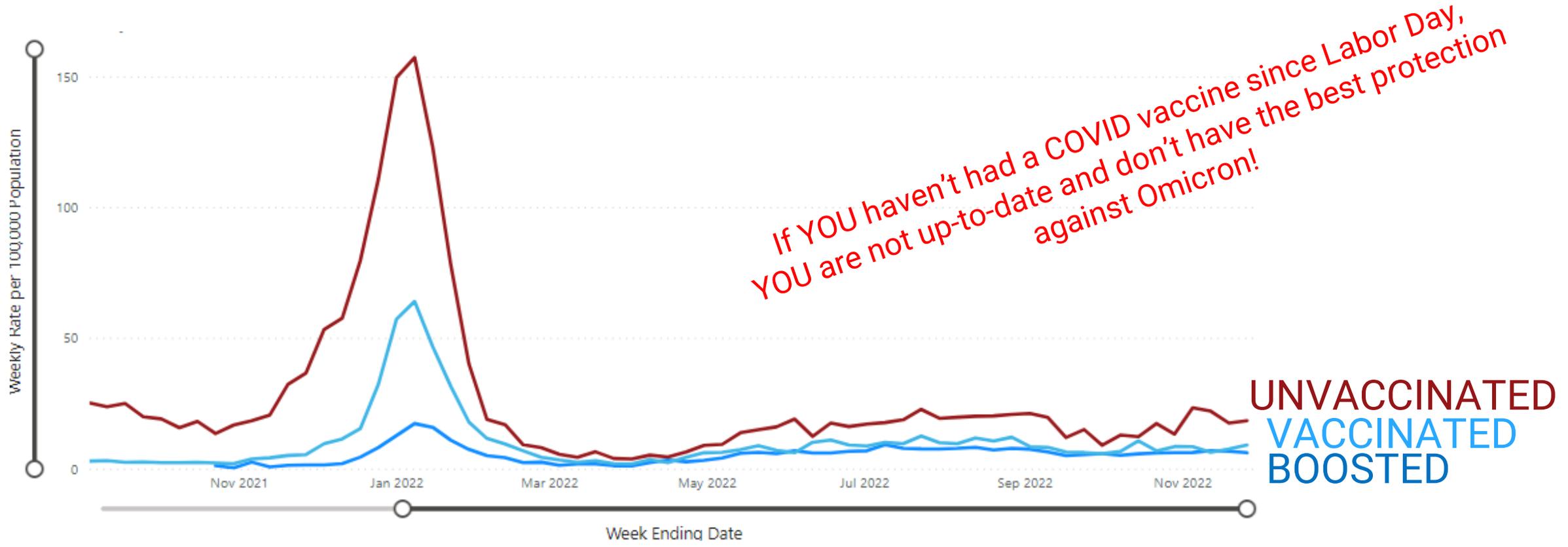


- BQ.1, BQ.1.1, XBB, and XBB.1 are the most resistant SARS-CoV-2 variants to date
- All clinical monoclonal antibodies were rendered inactive against these variants



Scale bar indicates genetic distance.

★ Since the Omicron variant became dominant in Chicago: **Unvaccinated** Chicagoans have been **almost three times** as likely to be hospitalized with COVID-19 than **Up-to-Date (Vaccinated and Boosted)** Chicagoans





GET YOUR UPDATED COVID BOOSTER & FLU SHOT AT HOME



In-home vaccination is available to all Chicago households at no cost. Up to 10 people can be vaccinated, so invite your family, friends, or neighbors to get vaccinated together.

How to get your FREE at-home COVID-19 tests



VISIT
COVIDtests.gov



Enter contact and
shipping info



Review and place
your order

Or you can call
1-800-232-0233





Do COVID-19 At-Home tests expire?

- FDA authorizes at-home COVID-19 tests with a certain shelf life and then adjusts the expiration date as stability testing data comes in
- All tests have a shelf life, and if yours has been sitting in the medicine cabinet for some time, you'll want to make sure it's as accurate as the day it was packaged.
- Many are good for between 12 and 20 months; a handful have **expiration dates that have been extended** by the U.S. Food and Drug Administration
- **The FDA does not recommend using a test that has expired. But before you trash your test, check to see if it was recently assigned an extended expiration.**
- To determine if your test has been affected, check [this FDA list of authorized tests](#) and look in the far right column under “expiration date”

Reference #
Expiration Date
Lot #
Manufacturing Date





Manufacturer and Test Name (Links to Instructions for Use) ^	Who can use this test: Symptoms ⇅	Who can use this test: Age ⇅	Other Details ⇅	Expiration Date ⇅
Abbott Diagnostics Scarborough, Inc.: BinaxNOW COVID-19 Ag Card Home Test 	<ul style="list-style-type: none"> • People with symptoms that began within the last 7 days • People without symptoms. The test is to be performed two times over three days (serial testing) 	<ul style="list-style-type: none"> • Age 15 years and older • Age 2 years and older when collected by an adult 	<ul style="list-style-type: none"> • Antigen test • Nasal swab • Requires supervision of a telehealth proctor and a smartphone or computer • Results in 15 minutes 	<ul style="list-style-type: none"> • Shelf Life: 15 months (extended) • Expiration Date: See link for list of updated expiration dates
Abbott Diagnostics Scarborough, Inc.: BinaxNOW COVID-19 Antigen Self Test 	<ul style="list-style-type: none"> • People with symptoms that began within the last 7 days • People without symptoms. The test is to be performed two times over three days (serial testing) 	<ul style="list-style-type: none"> • Age 15 years and older • Age 2 years and older when collected by an adult 	<ul style="list-style-type: none"> • Antigen test • Nasal swab • Smartphone optional • Results in 15 minutes 	<ul style="list-style-type: none"> • Shelf Life: 15 months (extended) • Expiration Date: See link for list of updated expiration dates
Access Bio, Inc.: CareStart COVID-19 Antigen Home Test  Alternate brand name: 	<ul style="list-style-type: none"> • People with symptoms that began within the last 7 days • People without symptoms. The test is to be performed two times over three days (serial testing) 	<ul style="list-style-type: none"> • Age 14 years and older • Age 2 years and older when collected by an adult 	<ul style="list-style-type: none"> • Antigen test • Nasal swab • Smartphone optional • Alternate brand name: On/go COVID-19 Antigen Self-Test • Results in 10 minutes 	<ul style="list-style-type: none"> • Shelf Life: 15 months (extended) • Expiration Date: See link for list of updated expiration dates
ACON Laboratories, Inc.: Flowflex COVID-19 Antigen Home Test  Alternate brand name:	<ul style="list-style-type: none"> • People with symptoms that began within the last 7 days • People without symptoms. The test is to be performed two times over three days (serial testing) 	<ul style="list-style-type: none"> • Age 14 years and older • Age 2 years and older when collected by an adult 	<ul style="list-style-type: none"> • Antigen test • Nasal swab • Smartphone optional • Alternate brand name: On/Go One COVID-19 Antigen Home Test 	<ul style="list-style-type: none"> • Shelf Life: 21 months (extended) • Expiration Date: See link for list of updated expiration dates

TAKE ACTION IF YOU TEST POSITIVE FOR COVID-19



DAY 1-5

Stay home:

- Everyone - *regardless of vaccination status* - should stay home and away from others (isolate).

People at high risk for severe illness:
Talk to your doctor about treatment

DAY 6 OR LATER

End isolation:

- If you never had symptoms OR symptoms are improving and are fever-free for 24 hours.

DAY 6-10

Wear a mask:

- If you take 2 antigen tests 48 hours apart and both are negative, you may remove your mask sooner
- Avoid people at high risk of getting very sick



VAX...

and PAX_{lovid}



COVID-19 TREATMENTS ARE AVAILABLE!

If you test positive for COVID-19 and are at high risk of severe illness, contact your healthcare provider, visit a Test to Treat location or immediately call

312.746.4835

Treatments must begin within days of symptom development to be effective.



More info at:
[Chi.gov/therapeutics](https://chi.gov/therapeutics)

★ Make the air in your home safer during COVID-19: ventilation helps to reduce the levels of infectious particles in the air



 **Bring Fresh Air Into Your Home**

Open windows and doors to increase fresh air. In bad weather, open windows for a few minutes every hour.



Turn On Exhaust Fans In Kitchen And Bath.

Use while you have visitors and for one hour after they leave.



 **Use Fans To Improve Air Flow**

Use while you have visitors and for one hour after they leave.



Consider An Air Filtration System

Use a portable HEPA air cleaner appropriate to the size of the room. Create a DIY portable air cleaner.



Filter the Air in Your Home

Set HVAC fan to on (not auto) when you have visitors. Use higher efficiency pleated filters that fit, and change every 3 months.



Check out these additional resources:
[CDC: Improving ventilation in your home](#)
[EPA: Indoor air in homes and COVID-19](#)
[CDPH: Ventilation Guidance for Homes](#)



THE COMBO YOU
**DON'T
WANT**



**GET BOTH
VACCINES.**

[CHI.GOV/FLU](https://chi.gov/flu)

Saturday, January 14 • 9am-2pm

Richard J. Daley College • 7500 S. Pulaski Rd.

Register at: rebrand.ly/DaleyCollege

**The new COVID-19 bivalent
booster will be available!**

Types of vaccines: Flu, Moderna primary series and bivalent boosters (6 months through 5 years), Pfizer primary series and bivalent boosters (6 months and older).



WALK-INS WELCOME!



Need a vaccine or a booster?
Have questions?

visit

CHI.GOV/COVIDVAX

or call

312-746-4835





Ebola Preparedness Planning

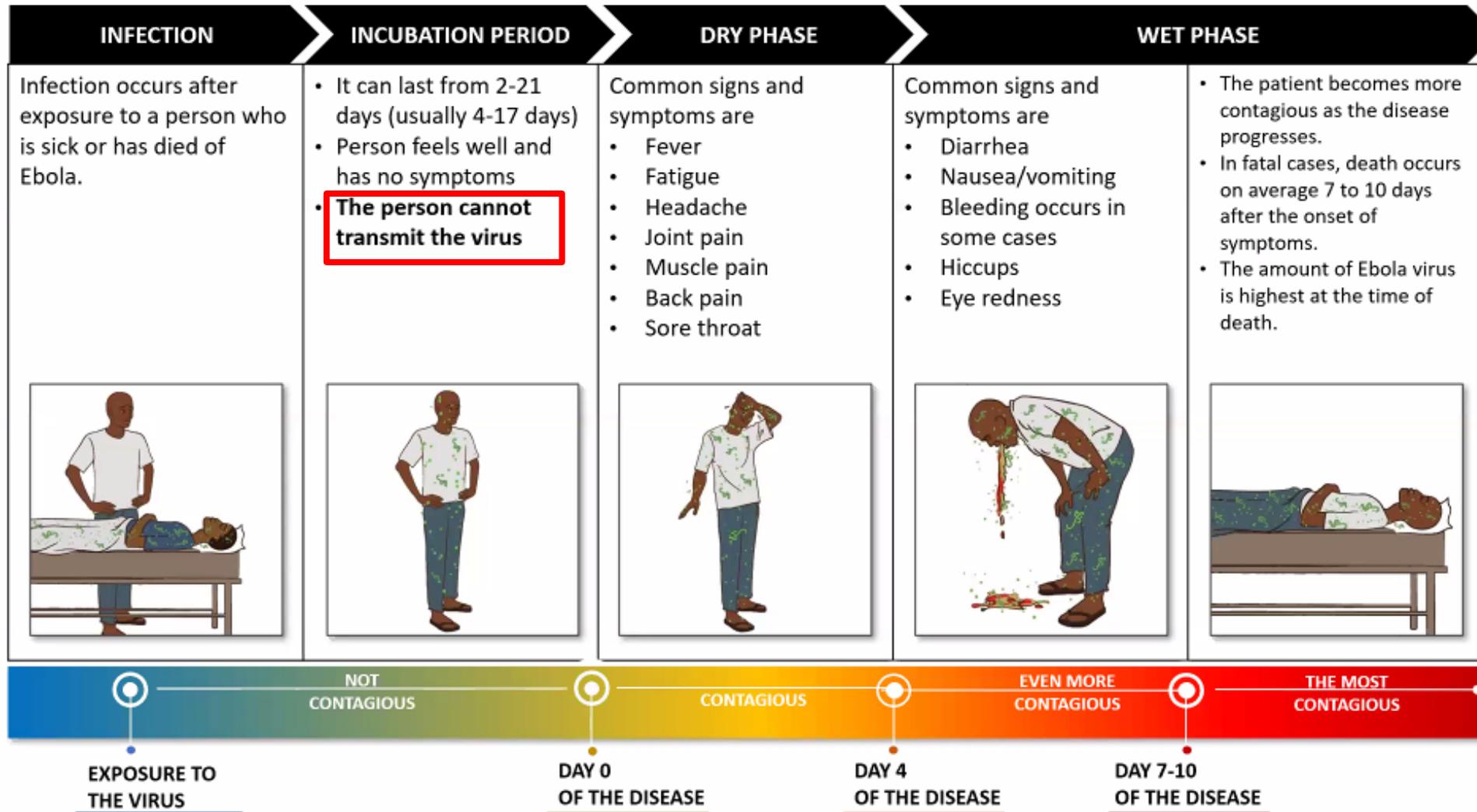
Commissioner: Allison Arwady

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January 10, 2023

★ Symptoms and Stages of Ebola Virus Disease



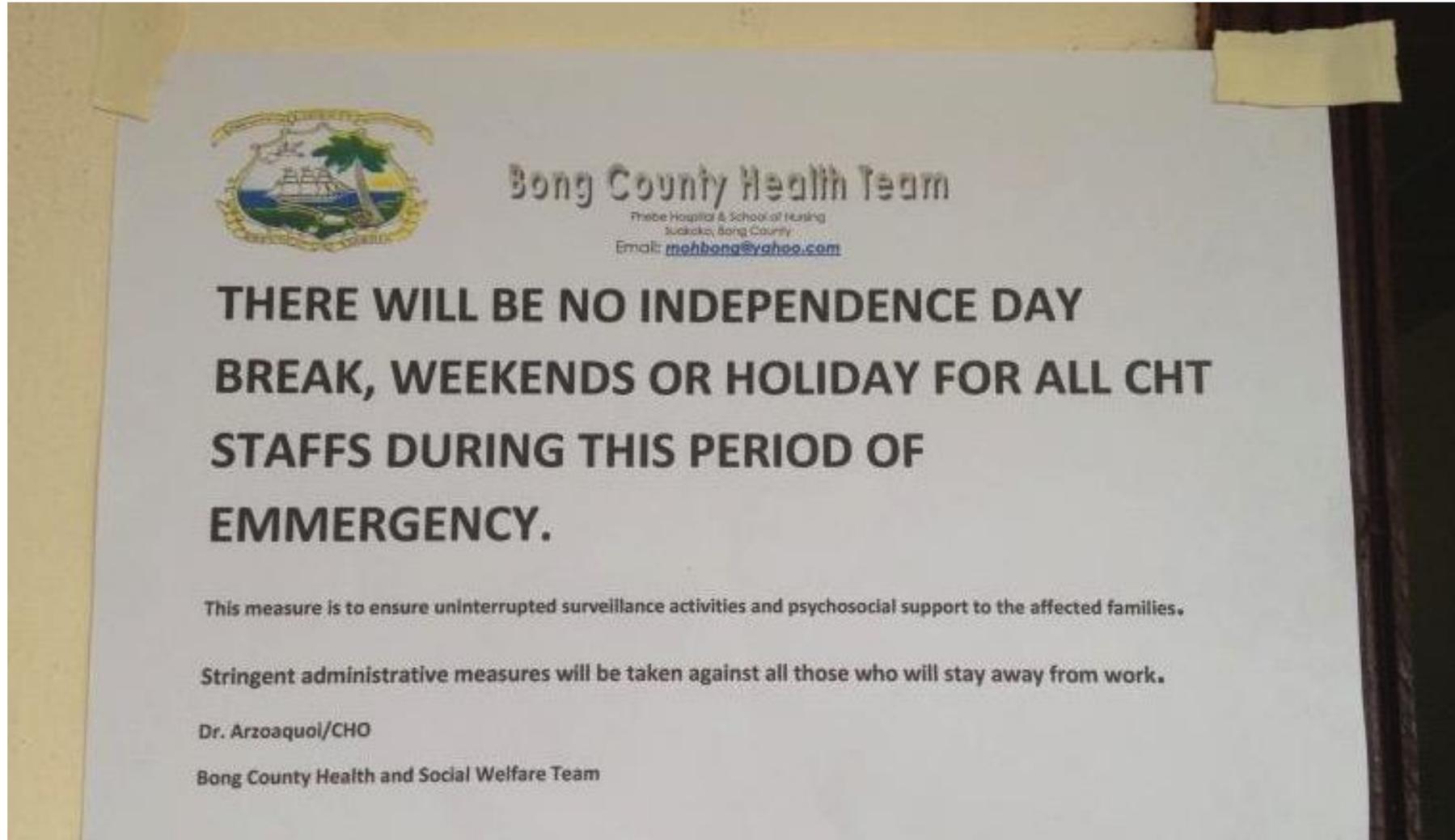
1. Organized medical and public health response



1. Organized medical and public health response



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The image shows a printed notice from the Bong County Health Team. At the top left is the county seal, which features a ship, a palm tree, and a sun. To the right of the seal, the text reads "Bong County Health Team" followed by "Thebe Hospital & School of Nursing, Suakoko, Bong County" and "Email: mohbong@yahoo.com". The main body of the notice contains a bold statement: "THERE WILL BE NO INDEPENDENCE DAY BREAK, WEEKENDS OR HOLIDAY FOR ALL CHT STAFFS DURING THIS PERIOD OF EMMERGENCY." Below this, two lines of text explain the measure: "This measure is to ensure uninterrupted surveillance activities and psychosocial support to the affected families." and "Stringent administrative measures will be taken against all those who will stay away from work." The notice is signed by "Dr. Arzoaquoil/CHO" and "Bong County Health and Social Welfare Team".

 **Bong County Health Team**
Thebe Hospital & School of Nursing
Suakoko, Bong County
Email: mohbong@yahoo.com

**THERE WILL BE NO INDEPENDENCE DAY
BREAK, WEEKENDS OR HOLIDAY FOR ALL CHT
STAFFS DURING THIS PERIOD OF
EMMERGENCY.**

This measure is to ensure uninterrupted surveillance activities and psychosocial support to the affected families.

Stringent administrative measures will be taken against all those who will stay away from work.

Dr. Arzoaquoil/CHO
Bong County Health and Social Welfare Team

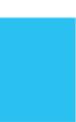
2. Safe patient diagnosis and care



2. Safe patient diagnosis and care (Ebola Treatment Units)



2. Safe patient diagnosis and care (Ebola Treatment Units)



3. Stop transmission: case finding/contact tracing



Ebola National Call Center

DISPATCH FORM # 1		DISPATCH FORM # 2	
RUN NUMBER: 2014070701	TIME OF CALL: 11:27hrs	RUN NUMBER: 2014070701	TIME OF CALL: 11:34
LOCATION: Mon. Co.	DETAILED LOCATION: [REDACTED]	LOCATION: Mon. Co.	DETAILED LOCATION: [REDACTED]
CALLBACK NUMBER: [REDACTED]	AGE: 22 yrs	CALLBACK NUMBER: [REDACTED]	AGE: [REDACTED]
U/C: Suspected Ebola	CALLER'S NAME: [REDACTED]	U/C: Suspected Ebola	CALLER'S NAME: [REDACTED]
CALLER'S NAME: [REDACTED]	UNIT: [REDACTED]	CALLER'S NAME: [REDACTED]	UNIT: [REDACTED]
TIME OUT: 11:27hrs	ENROUTE TIME: 30 min	TIME OUT: [REDACTED]	ENROUTE TIME: [REDACTED]
ON SCENE TIME: [REDACTED]	TRANSPORT TIME: [REDACTED]	ON SCENE TIME: [REDACTED]	TRANSPORT TIME: [REDACTED]
ARRIVAL TIME AT THE HOSPITAL: [REDACTED]	NAME OF HOSPITAL: [REDACTED]	ARRIVAL TIME AT THE HOSPITAL: [REDACTED]	NAME OF HOSPITAL: [REDACTED]
AVAILABLE TIME: [REDACTED]	CANCELLED TIME: [REDACTED]	AVAILABLE TIME: [REDACTED]	CANCELLED TIME: [REDACTED]
KEY INFO: [REDACTED]	DISPATCHER: Korpel S. T. [REDACTED]	KEY INFO: [REDACTED]	DISPATCHER: Korpel S. T. [REDACTED]
DISPATCH FORM # 3		DISPATCH FORM # 4	
RUN NUMBER: 2014070702	TIME OF CALL: 11:28hrs	RUN NUMBER: 2014070801	TIME OF CALL: 09:31hrs
LOCATION: Mon. Co.	DETAILED LOCATION: [REDACTED]	LOCATION: Mon. Co.	DETAILED LOCATION: CATHOLIC HOSP.
CALLBACK NUMBER: [REDACTED]	AGE: 22 yrs	CALLBACK NUMBER: [REDACTED]	AGE: Adult
U/C: Suspected Ebola	CALLER'S NAME: [REDACTED]	U/C: Suspected Ebola	CALLER'S NAME: [REDACTED]
CALLER'S NAME: [REDACTED]	UNIT: [REDACTED]	CALLER'S NAME: [REDACTED]	UNIT: [REDACTED]
TIME OUT: 11:27hrs	ENROUTE TIME: [REDACTED]	TIME OUT: [REDACTED]	ENROUTE TIME: 09:30hr
ON SCENE TIME: [REDACTED]	TRANSPORT TIME: [REDACTED]	ON SCENE TIME: [REDACTED]	TRANSPORT TIME: [REDACTED]
ARRIVAL TIME AT THE HOSPITAL: [REDACTED]	NAME OF HOSPITAL: [REDACTED]	ARRIVAL TIME AT THE HOSPITAL: [REDACTED]	NAME OF HOSPITAL: [REDACTED]
AVAILABLE TIME: [REDACTED]	CANCELLED TIME: [REDACTED]	AVAILABLE TIME: [REDACTED]	CANCELLED TIME: [REDACTED]
KEY INFO: [REDACTED]	DISPATCHER: [REDACTED]	KEY INFO: INVEST. TEAM ENROUTE TO CATHOLIC HOSPITAL	DISPATCHER: [REDACTED]

3. Stop transmission: case finding/contact tracing



4. Community engagement and education



Scientists allege deadly diseases such as Ebola and AIDS are bio weapons being tested on Africans. Other reports have linked the Ebola virus outbreak to an attempt to reduce Africa's population. Liberia happens to be the continent's fastest growing population.

Ebola, AIDS Manufactured By Western Pharmaceuticals, US DoD?

Tue, 09/09/2014 - 09:59 admin1

Scientists Allege

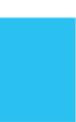
By: Dr. Cyril Broderick, Professor of Plant Pathology

4. Community engagement and education



4. Community engagement and education







City of Chicago: Preparedness / Response

Large population center

Daytime population: 3,150,000

Residential population: 2,725,000

High population density

12,750 persons per square mile

Large tourism center

Tourists per year: 35,000,000

Willis Tower, John Hancock Center, Navy Pier,
Wrigley Field, Grant Park

Regional transportation hub

Over 200,000 commuters into the city daily

International hub

2 international airports with

~96 million passengers annually





City of Chicago: Preparedness / Response

2020-2023 – Concurrent response actions
(SARSCoV-2, Influenza, MPV, New Arrivals migration, Ebola)

2017-18 – Hurricane Repatriations

2016 – CUBS World Series
(SEAR rated – Special Event Assessment Rating)

2012 – North Atlantic Treaty Organization Summit
(NSSE rated – National Special Security Event)

2009 – Presidential Inauguration and hometown
(NSSE rated)

Annual – Chicago Marathon / Lollapalooza / Taste / PRIDE
(SEAR rated)



Migrants wait in line to board chartered buses traveling to New York and Chicago at a Welcome Center in El Paso, Texas, US, on Thursday, Sept. 22, 2022. (Paul Ratje/Bloomberg via Getty Images)





City of Chicago: World Planning Considerations

2021 Global Terrorism Index



United States of America

Overall Score

4.960

Country Ranking

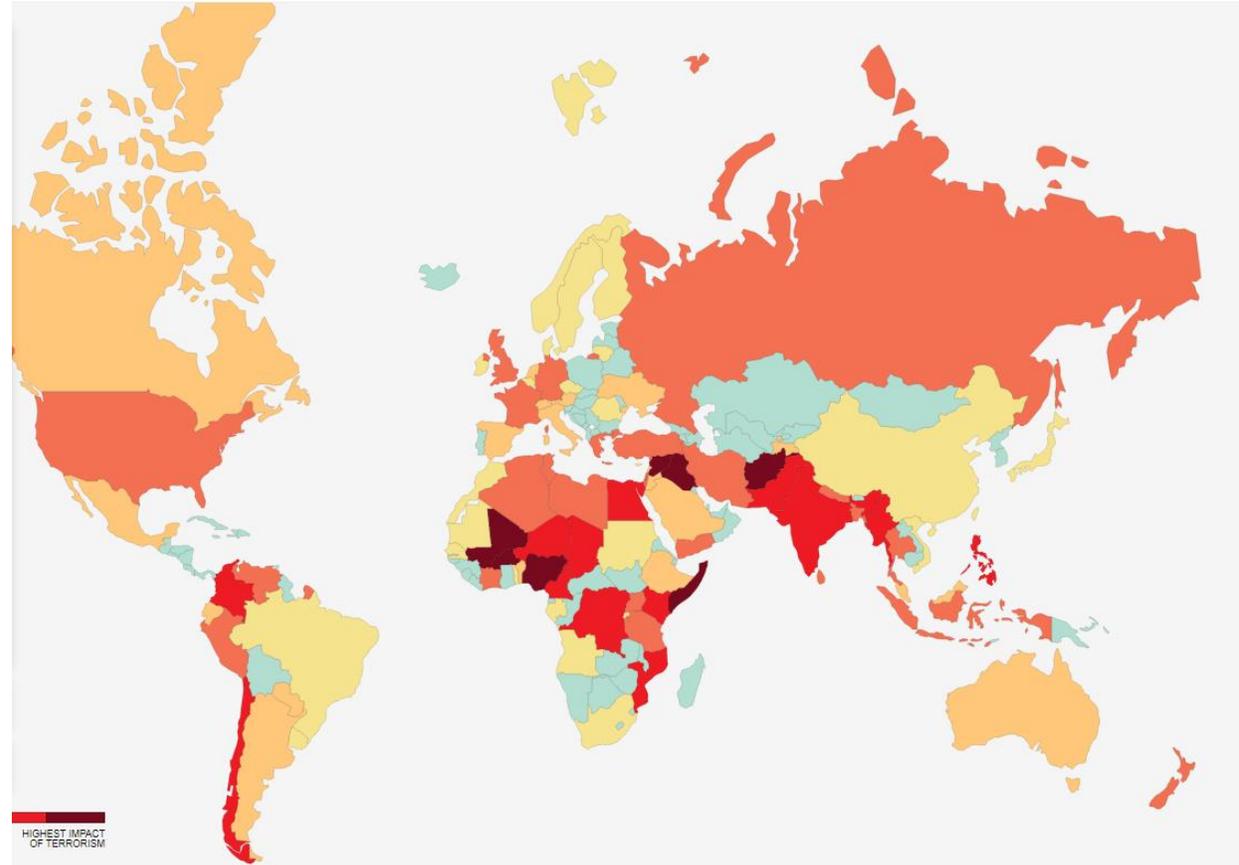
28 / 163



Terrorism Index

4.961 / 10

GTI is a composite measure made up of four indicators: incidents, fatalities, injuries and property damage. To measure the impact of terrorism, a five year weighted average is applied.





City of Chicago: World Planning Considerations

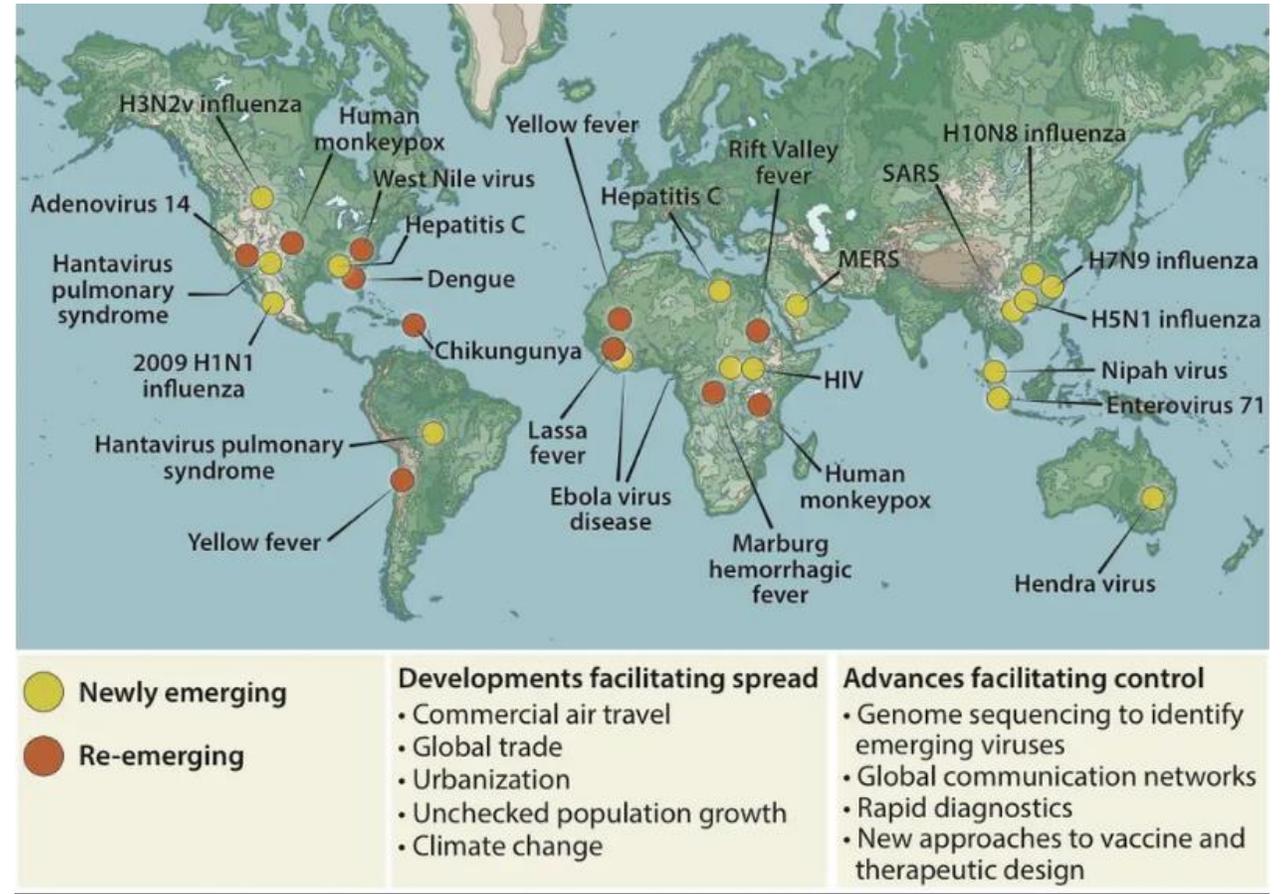
Chicago planning for newly emerging / highly pathogenic disease

Chicago Sentinel and Predictive Epidemiology division

- BlueDot
- ESSENCE
- RedCap

Chicago Medical Countermeasure planning

- Medical ancillary cache
- Pharmaceutical cache
- Vaccine Management platforms



★ Outbreaks of Ebola virus disease (EVD)

- Since 1976, there have been 33 outbreaks due to Ebola virus (species *Zaire ebolavirus*)
 - >31,000 infected; >12,000 deaths
- Prior to 2022, there have been 7 outbreaks due to Sudan virus (Uganda and Sudan)
 - 792 cases, 426 deaths
- Most of our knowledge of EVD comes from outbreaks caused by the Ebola Zaire, we anticipate lessons learned from recent Ebola Zaire outbreaks to be applicable to this outbreak

★ Prior Outbreaks of Sudan Virus (1976–2022)

1976 Sudan: Nzara, Maridi, and surrounding areas

- 284 cases, 151 deaths (CFR=53%)

1979 Sudan: Nzara and Yambio

- 34 cases, 25 deaths (CFR=65%)

2000 Uganda: Gulu

- 425 cases, 224 deaths (CFR=53%)

2004 Sudan: Yambio

- 17 cases, 7 deaths (CFR=41%)

2011 Uganda: Nakisimata, Luwero District

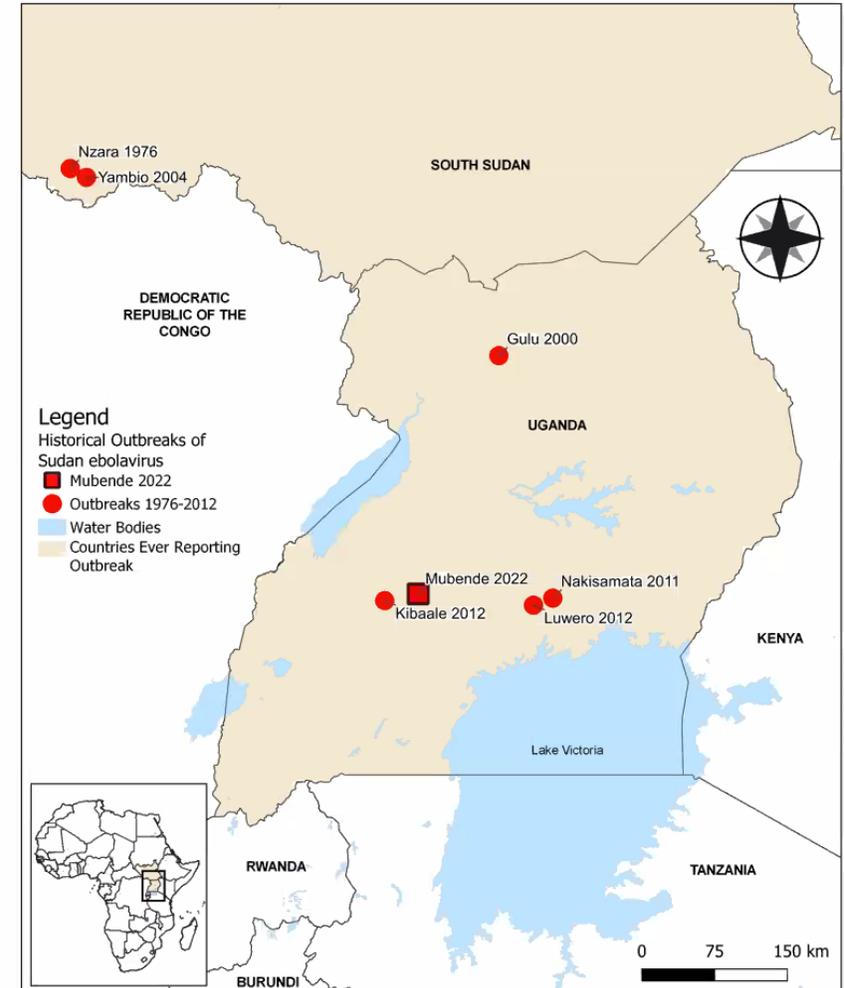
- 1 cases, 1 death (CFR=100%)

2012 Uganda: Kagadi, Kibaale

- 24 cases, 17 deaths (CFR=70.8%)

2012 Uganda: Bombo, Luwero District

- 7 cases, 4 deaths (CFR=54.1%)



2022 Uganda Sudan Virus Outbreak, as of Jan 5



Total cases: 164

142 confirmed
22 probable

Total deaths: 77

55 confirmed
22 probable

Fatality rate: 48.1%

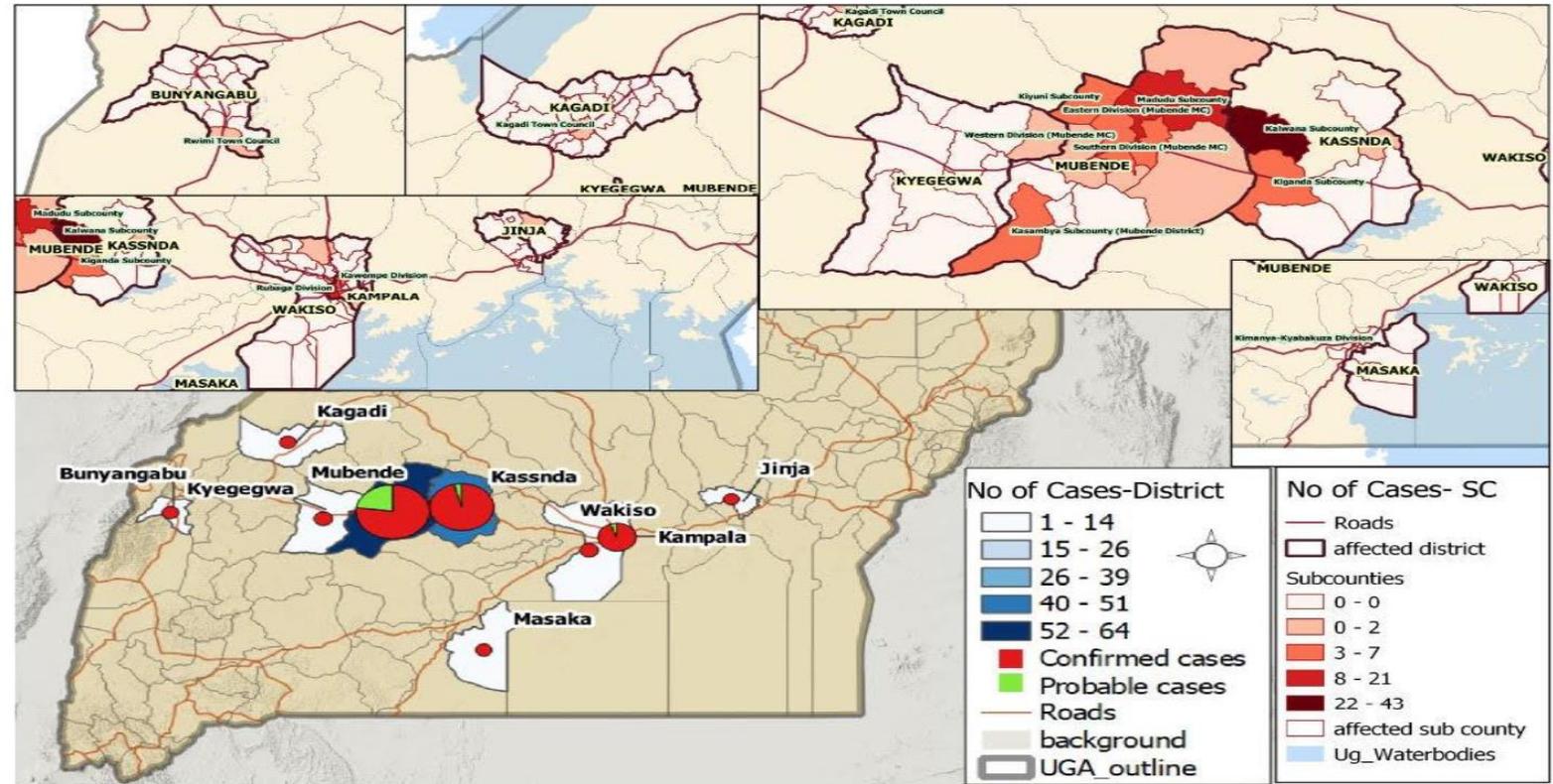
Districts affected:

- Bunyangabu
- Jinja
- Kagadi
- Kassanda
- Kyegegwa
- Munbende
- Masaka
- Kampala
- Wakiso

Infections among Health Care Workers:

19 (7 deaths)

Place analysis of affected persons by district as of 05th January 2023 at 22:00 HRS



★ Controlling an Ebolavirus Outbreak

- **Surveillance for new cases** (community, healthcare settings, postmortem)
- **Identification and monitoring of contacts**
- **Education** on infection prevention and control
- **Communication** to the public and providing education about safe practices
- **Vaccination**
- **Laboratory:** Real-time genetic sequencing
- **Security** for outbreak response in conflict zones

★ Ebola CDPH Local Operational Planning

Entry Point Preparedness

1. Screening at O'Hare
2. Traveler Monitoring Protocol

Community Preparedness

1. Public Messaging
2. Community Engagement

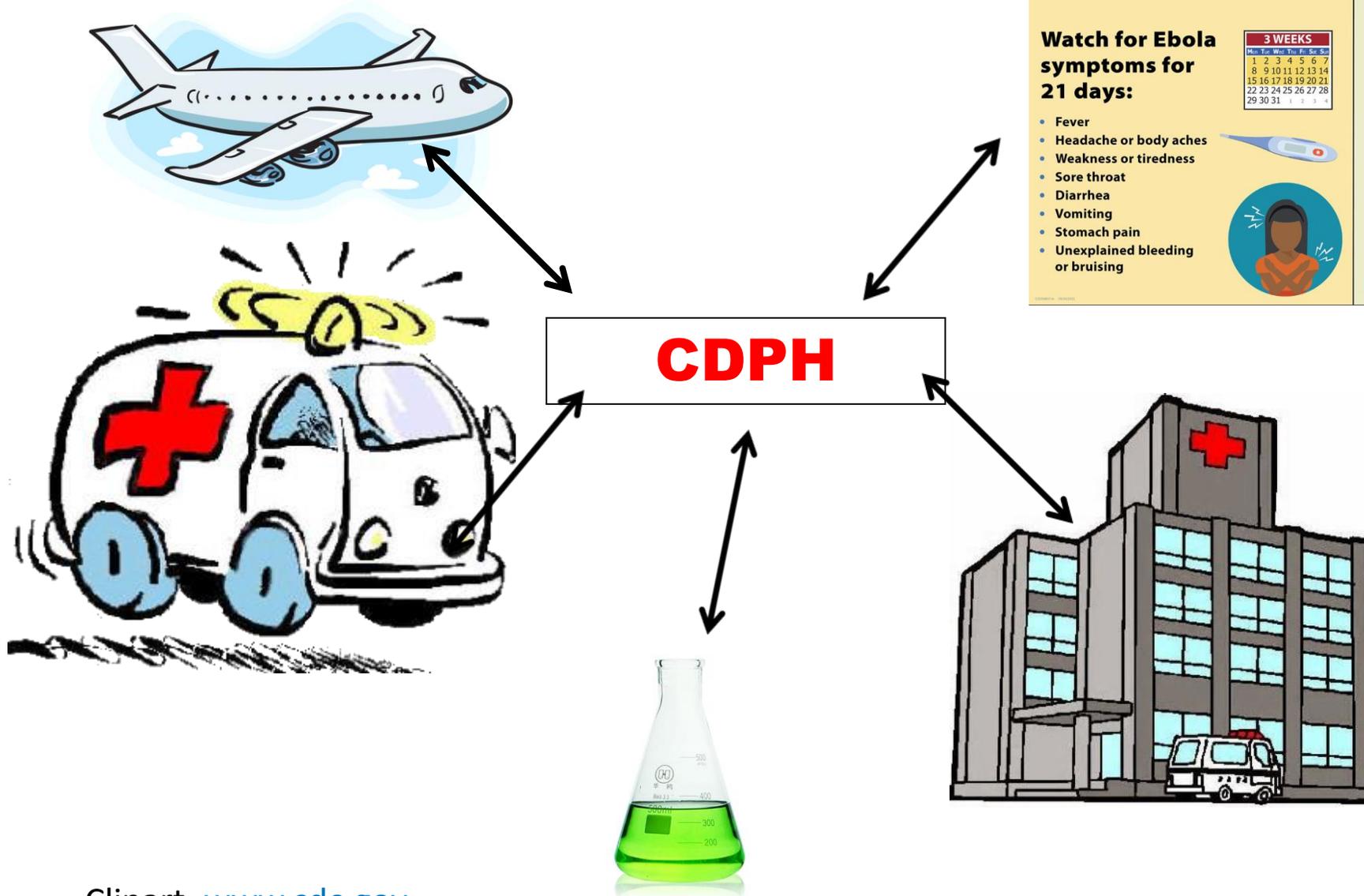
Health System Preparedness

1. Network of Providers
2. All Area Hospitals and Clinics
3. EMS Providers

Inter-Government Collaboration

1. Inter-agency Coordination
2. State Collaboration
3. CDC Guidance

CDPH Coordination



HEALTH ALERT: EBOLA

If you were recently in **Uganda**—

Watch for Ebola symptoms for 21 days:

- Fever
- Headache or body aches
- Weakness or tiredness
- Sore throat
- Diarrhea
- Vomiting
- Stomach pain
- Unexplained bleeding or bruising

3 WEEKS

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

If you get sick, separate yourself from others, and call a doctor.

Tell the doctor where you traveled.

www.cdc.gov/ebolatravel

■ ★ Healthcare Facilities Screening

- 1) Identify exposure history
- 2) Identify signs and symptoms
- 3) Isolate
- 4) Inform



www.roadarch.com, www.tomrossiter.com; dailynorthwestern.com;
archrecord.construction.com; foundation.luriechildrens.org



Highly Infectious Disease – Infrastructure Capabilities

Regulatory storage environments

Advanced inventory controls

Cached resource capabilities

CDPH Environmental Monitoring - Home

Home | Map | Alarms | Notifications

ID	Description	Type	Value	Status
CDPH_151	RSS 151 East Wall	Controlled Room Tem...	16.9	● ● ●
CDPH_152	RSS 152 South Wall (M)	Controlled Room Tem...	17.5	● ● ●
CDPH_153	RSS 153 South Wall (L)	Controlled Room Tem...	17.7	● ● ●
CDPH_154	RSS 154 North Wall (L)	Controlled Room Tem...	17.4	● ● ●
CDPH_155	RSS 155 North Wall (T)	Controlled Room Tem...	16.8	● ● ●
CDPH_156	RSS 156 East Wall (LT)	Controlled Room Tem...	17.9	● ● ●
CDPH_159	RSS Humidity	Controlled Room Hu...	16.5	● ● ●
CDPH_160	WPer5B Center South	Controlled Room Tem...	25.6	● ● ●
CDPH_161	WPer5B Center Isle	Controlled Room Tem...	25.9	● ● ●
CDPH_162	WPer5B NW	Controlled Room Tem...	25.6	● ● ●
CDPH_163	WPer5B NE	Controlled Room Tem...	25.0	● ● ●

Click above to view probe details

City of Chicago The City of Chicago's Official Site

Welcome Cashead | Log Off | Add/Edit Emails

CURRENT PROGRAM: Chicago Department of Public Health

Inventory Management System

HOME ADMINISTRATION INVENTORY SHIPMENTS SEARCH REPORTS

Home Page

Welcome to the Inventory Management System.

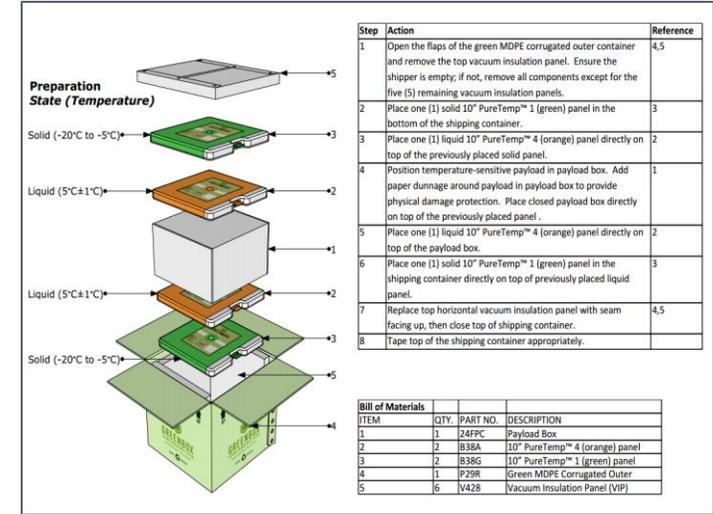
If you have any questions or need help with the IMS please contact Robert Rash at 210-286-6493 or Juan Hernandez 773-426-5214. You can submit requests or issues to ims@coldchain-tech.com.

EMResource Chicago (IL Region 11) ICS 213

Region Default

Update 3: Daily HAvBED Query

Region 11 - Chicago Hospitals	ED Status	Trauma	Stroke	Peds Level	EMS System Type	NEMS ICS Activation	Comment
Advocate Illinois Masonic Medical Center	Open	Level I	Primary Stroke Center	EDAP	Resource	NEMS No	
Advocate Trinity Hospital	Open	None	Primary Stroke Center	None	Associate	NEMS No	
Ann & Robert H Lurie Children's Hospital	Open	Level I Peds	None	EDAP / PCCC	Associate	NEMS No	
Comer Children's Hospital	Open	Level I Peds	None	EDAP	Associate	NEMS No	off diversion 06:17 3/18/16
Community First Medical Center	Open	None	Primary Stroke Center	EDAP	Associate	NEMS No	
Holy Cross Hospital	Open	None	Primary Stroke Center	None	Associate	NEMS No	
Jackson Park Hospital & Medical Center	Open	None	None	None	Participating	NEMS No	
John H. Stroger Hospital/Cook County	Open	Level I	Primary Stroke Center	EDAP	Resource	NEMS No	
Loretto Hospital	Open	None	None	None	Participating	NEMS No	
Mercy Hospital	Open	None	Primary Stroke Center	EDAP	Participating	NEMS No	
Methodist Hospital	Open	None	None	None	Participating	NEMS No	
Mount Sinai Hospital	Open	Level I & Level I Peds	Primary Stroke Center	EDAP	Associate	NEMS No	
Northwestern Memorial Hospital	Open	Level I	Primary Stroke Center	EDAP	Resource	NEMS No	
Norwegian American Hospital	Open	Level I & Level I Peds	Primary Stroke Center	EDAP / PCCC	Participating	NEMS No	
Presence Health Resurrection Medical Ctr	Open	None	Primary Stroke Center	EDAP	Associate	NEMS No	
Presence Health Saint Joseph Hospital	Open	None	Primary Stroke Center	EDAP	Associate	NEMS No	
Presence St. Mary & Elizabeth Med Ctr	Open	None	Primary Stroke Center	EDAP	Associate	NEMS No	
Roseland Community Hospital	Open	None	None	None	Participating	NEMS No	
Rush University Medical Center	Open	Peak Census	Primary Stroke Center	EDAP	Associate	NEMS No	
Saint Anthony Hospital	Open	None	None	None	Participating	NEMS No	
Saint Bernard Hospital	Open	None	None	None	Participating	NEMS No	
South Shore Hospital	Open	None	None	None	Participating	NEMS No	



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Goldbraun - Spring Branch, TX - 244 Flightline Drive, Spring Branch, Texas, 78070, United States

Harris County Public Health - 2223 West Loop S, Houston, Texas, 77027, United States

Tracking Report

Thank You!



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