

# **COVID-19 Question and Answer Session for Long-Term Care and Congregate Residential Settings**

March 25<sup>th</sup>, 2022

## Housekeeping

- All attendees in listen-only mode
- Submit questions via Q&A pod to All Panelists

Slides and recording will be made available later



# **Agenda**

- Upcoming Webinars
- How to find the CDC Transmission Risk Maps
- Importance of Vaccination
- Norovirus
- Updated Guidance
- Questions from Last Week
- Open Q & A





# Future Webinar Topic Ideas

- Any topics you would be interested in learning more about?
  - https://redcap.link/j2pfz9gc
    - Closes Friday, March 25th

#### **IDPH** webinars

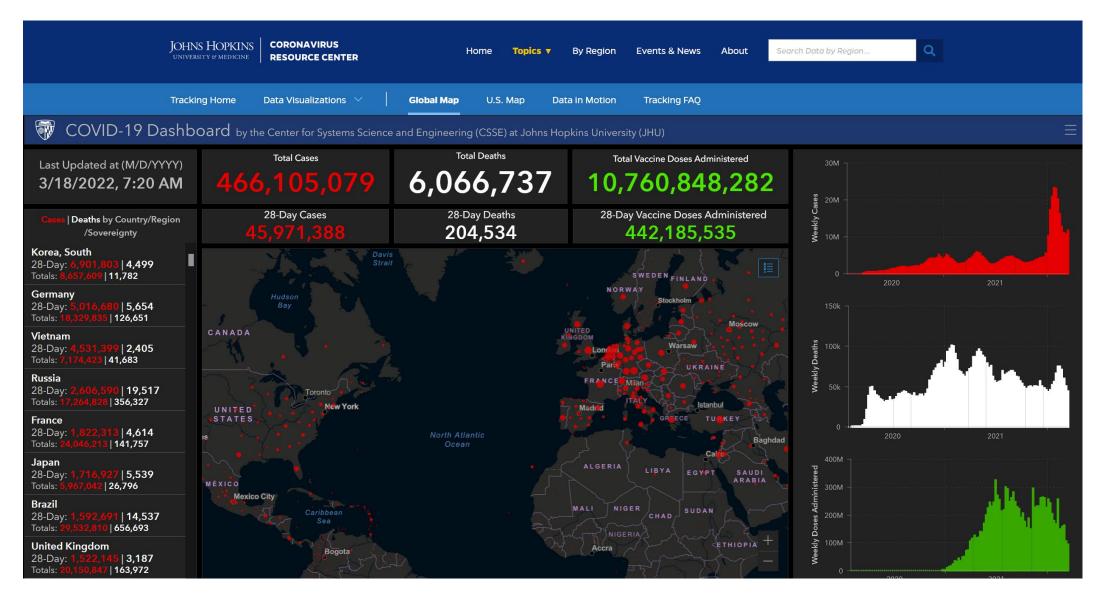
# Upcoming Friday Brief Updates and Open Q&A 1:00 pm - 2:00 pm

Friday, April 1st	https://illinois.webex.com/illinois/onstage/g.php?MTID=e174156366c06bf6c3 9ce33af44dfcf9e
Friday, April 8 <sup>th</sup>	https://illinois.webex.com/illinois/onstage/g.php?MTID=e25fb0ba6950c735d1 98a68c4307ae248
Friday, April 15 <sup>th</sup>	https://illinois.webex.com/illinois/onstage/g.php?MTID=e0a563d00e82ce5830 d20c76454681b18
Friday, April 22 <sup>nd</sup>	https://illinois.webex.com/illinois/onstage/g.php?MTID=efb1b69e034b222987 e462b281f498021
Friday, April 29 <sup>th</sup>	https://illinois.webex.com/illinois/onstage/g.php?MTID=e5abc427231aad3cd7 a4b7fb33b93ec53

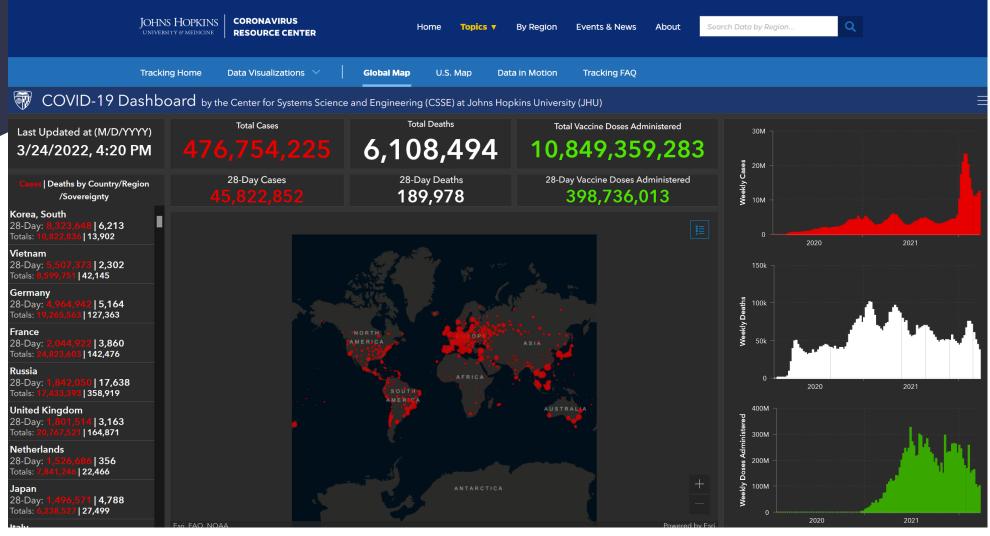
#### Previously recorded webinars can be viewed on the **IDPH Portal**



# And Last Week's Episode...

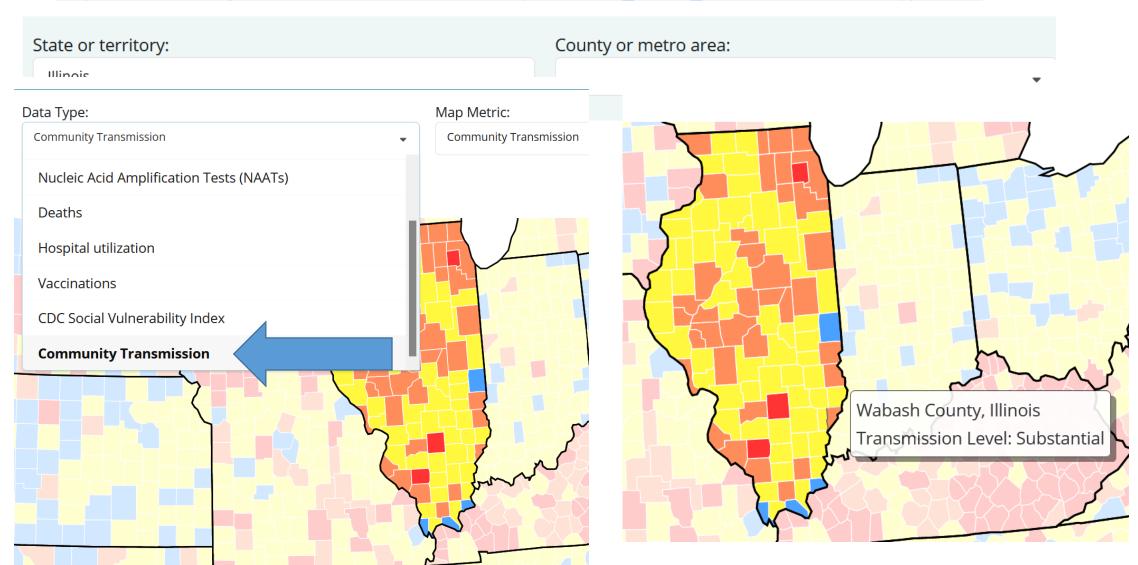


#### How is it going? 10 million new cases

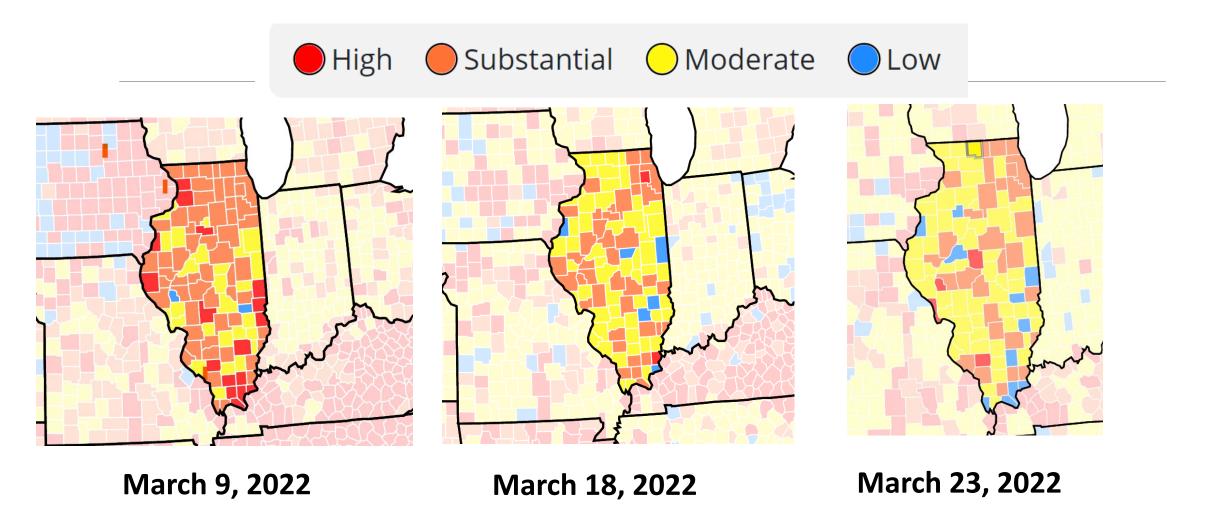


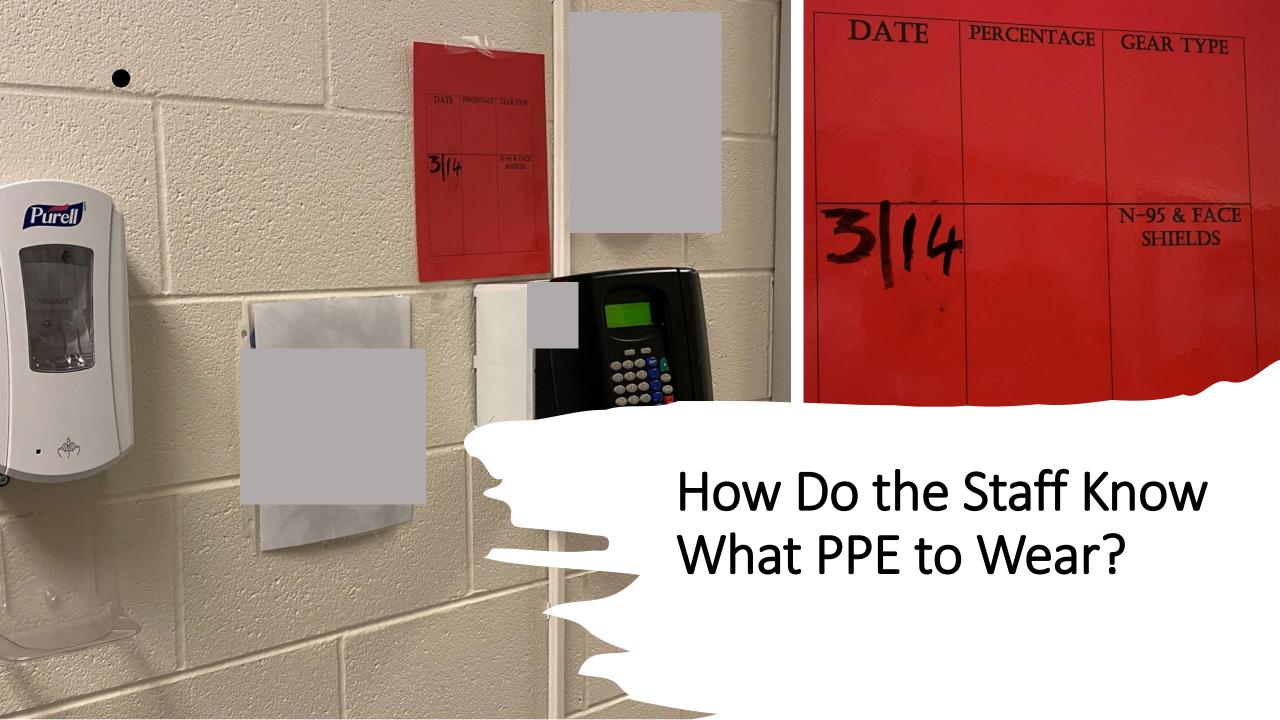
# How to find the CDC Transmission Risk Maps

https://covid.cdc.gov/covid-data-tracker/#county-view?list\_select\_state=Illinois&data-type=Risk



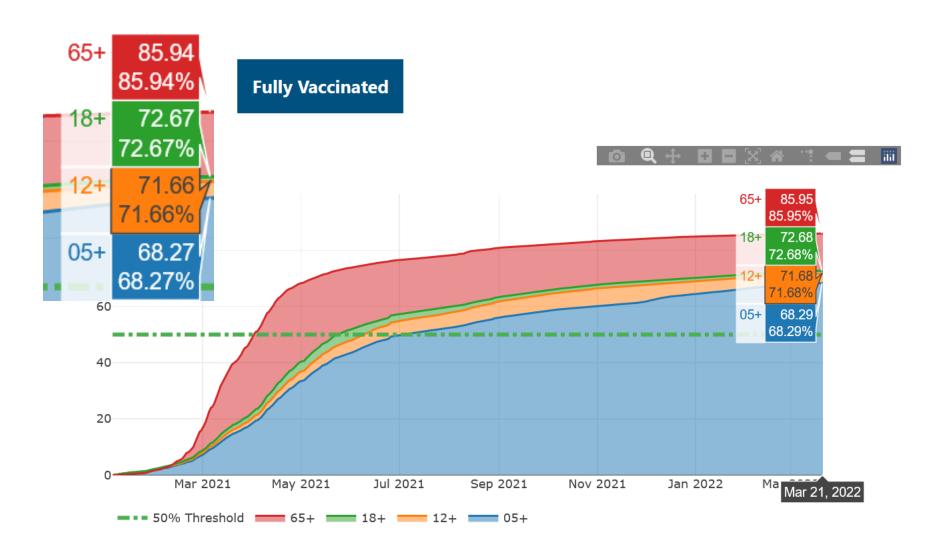
## Look at the Difference in Two Weeks!





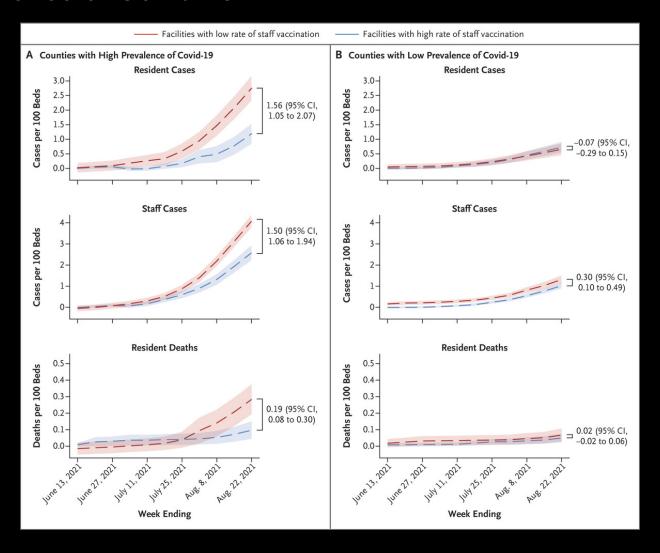
# Vaccination is the key to preventing severe illness...

#### Illinois Population Vaccinated Fully



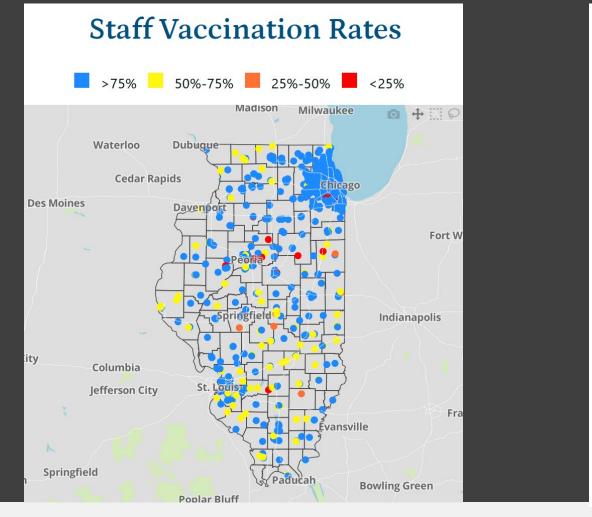
# Cumulative Adjusted Covid-19 Outcomes, According to Nursing Home Staff Vaccination Coverage and County-Level Prevalence of Covid-19.

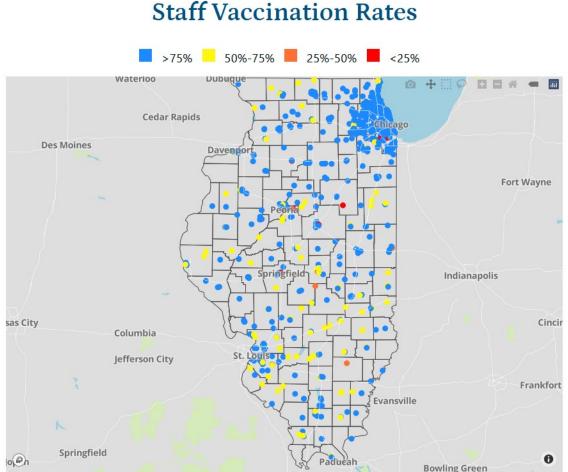
McGarry, B. E., Barnett, M. L., Grabowski, D. C., & Gandhi, A. D. (2022). Nursing home staff vaccination and Covid-19 outcomes. *New England Journal of Medicine*, 386(4), 397-398.



#### What does this mean?

- Looked at 12,364 nursing homes mainly from NHSN data. (81% of all US nursing homes)
- Between June 13, 2021, and August 22, 2021
- Split the nursing homes into 4 quartiles depending on vaccination status of staff
- Findings confirmed the on the ground observations that higher community prevalence increases the risk for higher numbers of COVID-19 cases and deaths
- "If all the nursing homes in our sample had been in the highest quartile of staff vaccination coverage (82.7% on average)"
- Could possibly have prevented
  - 4775 COVID-19 resident cases (29% of the total during the study window)
  - **7501 COVID-19 staff cases** (29% of the total)
  - 703 Covid-19-related resident deaths (48% of the total)
- "These findings show the extent to which staff vaccination protects nursing home residents, particularly in communities with high Covid-19 transmission."



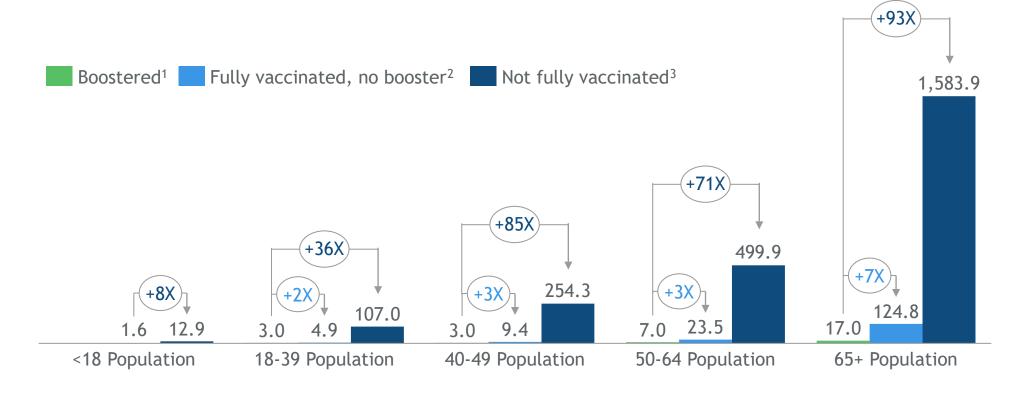


Fewer Red Dots!!!
More Vaccinations!

• <a href="https://dph.illinois.gov/covid19/data/long-term-care-covid-19-facility-level-data.html">https://dph.illinois.gov/covid19/data/long-term-care-covid-19-facility-level-data.html</a>

# <u>COVID-19 hospitalizations</u>: Hospitalization among unvaccinated remain significantly higher across all age groups in Illinois

COVID-19 admissions per 100K (IL), Nov 28 - Dec 25, 2021



<sup>1.</sup> Per Illinois Department of Public Health - represents 257 breakthrough admissions between Nov 28 - Dec 25, 2021 for 2.62M boostered individuals in IL (average over time period) 2. Represents 1,244 breakthrough admissions in IL for 5.13M fully vaccinated individuals (average over time period) 3. Represents 10,579 non-breakthrough admissions for 4.97M unvaccinated or partially vaccinated individuals in IL (average over time period)



#### General Vaccine Administration



Hand Hygiene



Source Control / PPE







Detection, Isolation/Quarantine



Screening and Surveillance



Surface Cleaning / Disinfecting



Respiratory Protection / Ventilation



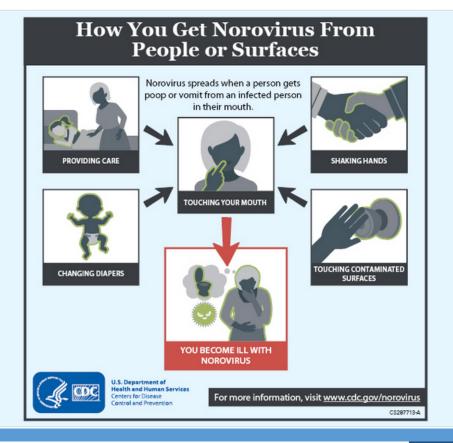




#### Illinois Department of Public Health (IDPH)

2h · 🚱

Norovirus is the leading cause of disease outbreaks from contaminated food in the United States. Learn about food safety practices that can help prevent these outbreaks. Read more: https://dph.illinois.gov/.../diseases-a.../noroviruses.html



https://www.mchenrycountyil.gov/home/showpublisheddocument/2 119/634979931868430000



https://www.cdc.gov/norovirus/about/index.html

Health & Fitness

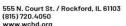
# McHenry Co. Health Reports Increase In Norovirus Cases

The McHenry County Health Department provides tips for helping to prevent the spread of norovirus.



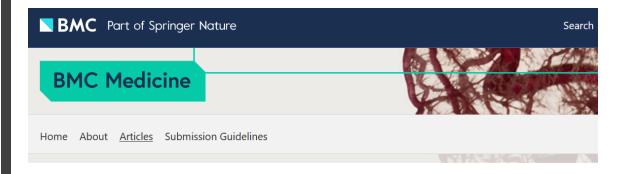
Posted Tue, Mar 22, 2022 at 1:51 pm CT







Increase in Viral Acute Gastroenteritis Outbreaks February 25, 2022



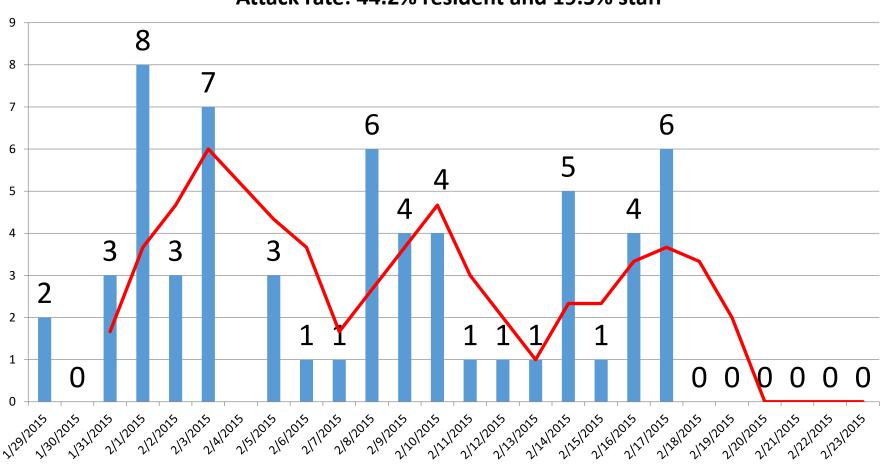
Research article Open Access Published: 09 November 2021

Predicted norovirus resurgence in 2021–2022 due to the relaxation of nonpharmaceutical interventions associated with COVID-19 restrictions in England: a mathematical modeling study

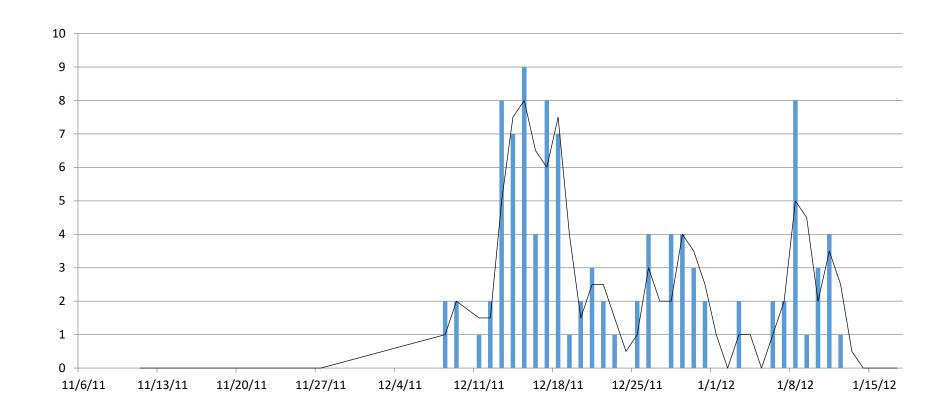
Kathleen M. O'Reilly, Frank Sandman, David Allen, Christopher I. Jarvis, Amy Gimma, Amy Douglas, Lesley Larkin, Kerry L. M. Wong, Marc Baguelin, Ralph S. Baric, Lisa C. Lindesmith, Richard A. Goldstein, Judith Breuer & W. John Edmunds

# Number of Cases AGE: 53 resident cases and 29 staff cases 120 residents /148 staff present

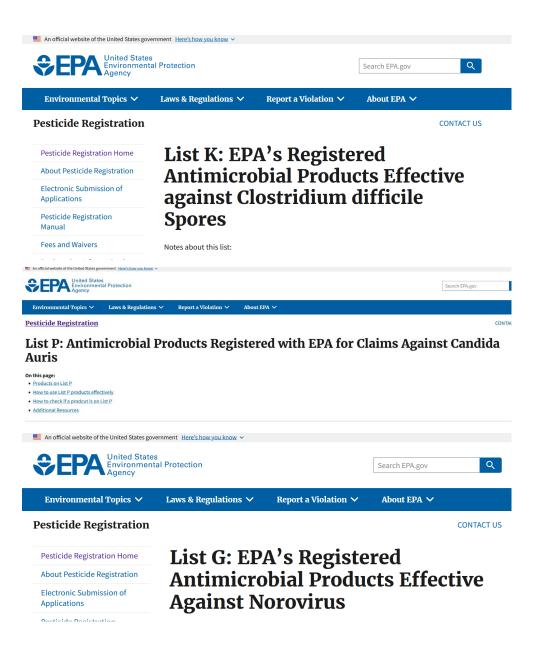
Attack rate: 44.2% resident and 19.5% staff



FOR COMPARISON 2011 Norovirus Confirmed Gastrointestinal Outbreak 101 Cases- Residents/453= 22% Attack Rate. (Bed number plus number of Medicare admissions)



EPA List N Agents may not be what you are looking for with C. diff, Candida auris, or Norovirus,











Environmental Cleaning and Disinfecting

Images: YAY Images, Mommarazzi Images © 2018

#### Ideal Disinfectant

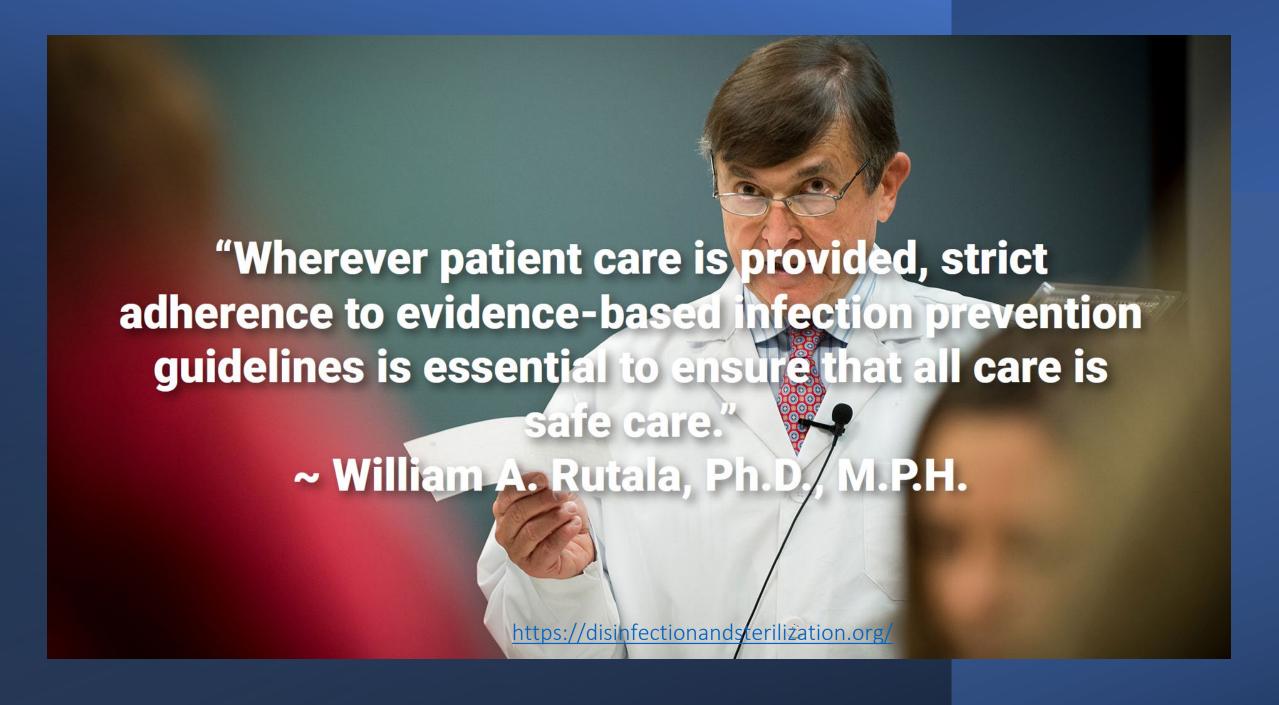


- Nontoxic and nonirritating
- Low toxicity rating
- Not damage surfaces
- Easy to use
- Acceptable odor
- Economical
- One step cleaner / disinfectant

Rutala and Weber, 2014



Cleaning and Disinfecting Product Analysis



#### Disinfection and Sterilization Dr. William Rutala, Dr. David Weber

## Microbiological Disinfectant Hierarchy

Microbes Exhibit a Wide Variation in Intrinsic Resistance to Disinfectants Rutala WA, Weber DJ, HICPAC. www.cdc.gov

#### **Most Resistant**

Spores (C. difficile)

https://disinfectionandsterilization.org/

Mycobacteria (M. tuberculosis)

Non-Enveloped Viruses (norovirus, HAV, polio)

Fungi (Candida, Trichophyton)

Bacteria (MRSA, VRE, Acinetobacter)

Most Susceptible

Enveloped Viruses (HIV, HSV, Flu)

https://www.epa.gov/sites/default/files/2015-10/documents/rutala\_overview\_of\_current\_disinfection\_hierarchy\_models\_final.pdf

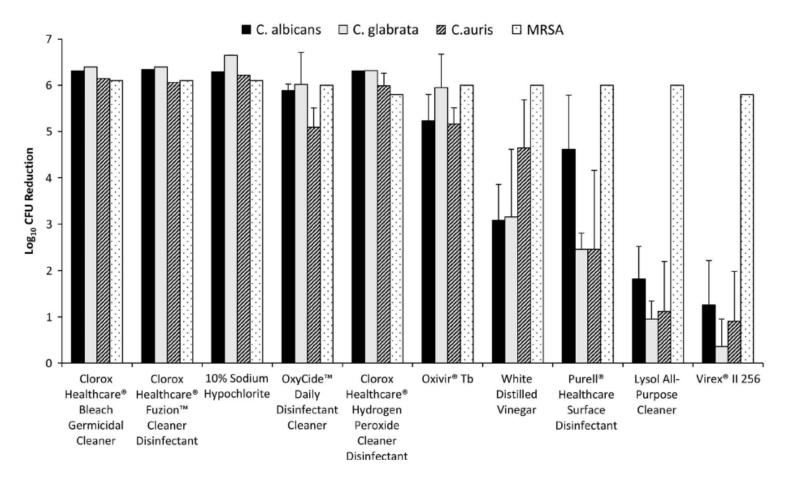
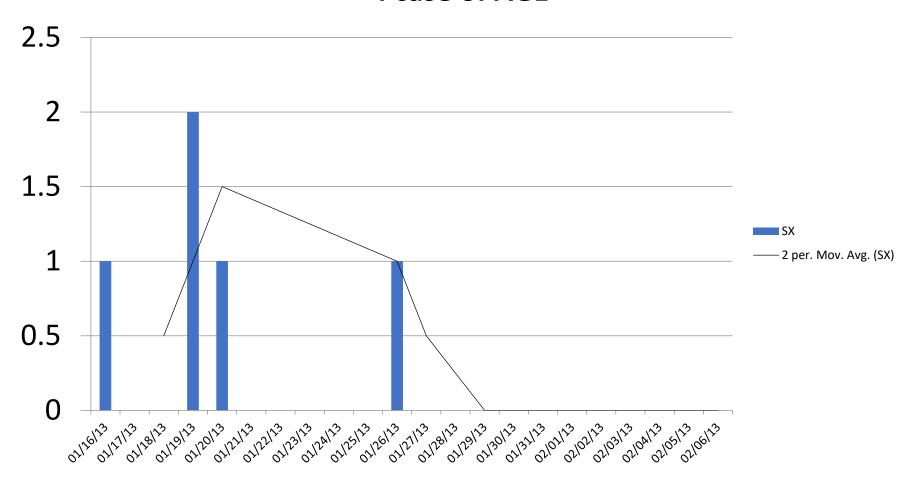


FIGURE 1. Mean log reductions for each of the disinfectants against the 3 Candida species and MRSA using the American Society for Testing and Materials (ASTM) Standard Quantitative Carrier Disk Test Method (ASTM E-2197-02). Log reductions were calculated by subtracting viable organisms recovered after exposure to the disinfectants versus deionized water controls. Vinegar, Purell Healthcare Surface Disinfectant, and the 2 quaternary ammonium disinfectants were significantly less effective against the Candida species than against MRSA ( $P \le .02$ ). Error bars show standard error. MRSA, methicillin-resistant Staphylococcus aureus.

# Acute Gastroenteritis (AGE) Skilled Unit Control Measures started 1/16/2013 One Confirmed Norovirus from 1/20/2013 4 case of AGE



# Acute Gastroenteritis Dementia Unit January 2013

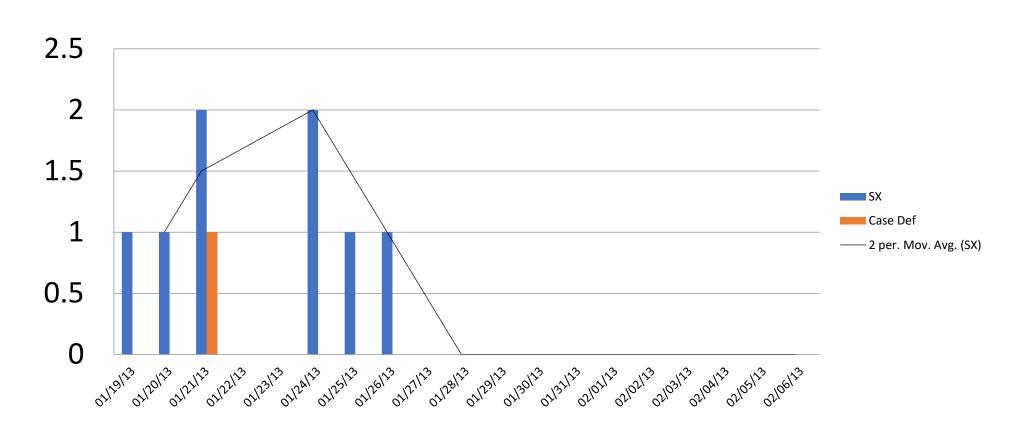
8 cases on 1 unit =42 residents

**Attack Rate: Residents and Staff 6.6%** 

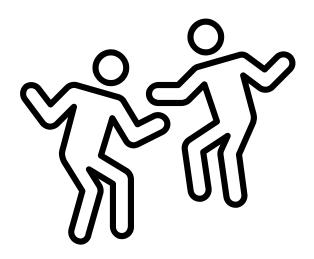
**Attack Rate: Residents only** 

16%

**9 Cases: 3 Confirmed Norovirus** 



#### **Updated Guidance Released**



https://dph.illinois.gov/content/dam/soi/en/web/idph/covid19/guidance/ltc/LTC-Guidance 03.22.2022.pdf

## **Reason for Update**

- Executive Order 2022-05
  - Up to Date language
  - Additional testing
    - 77 III. Admin. Code 300.698
    - 77 III. Admin. Code 350.769
    - 77 III. Admin. Code 390.759

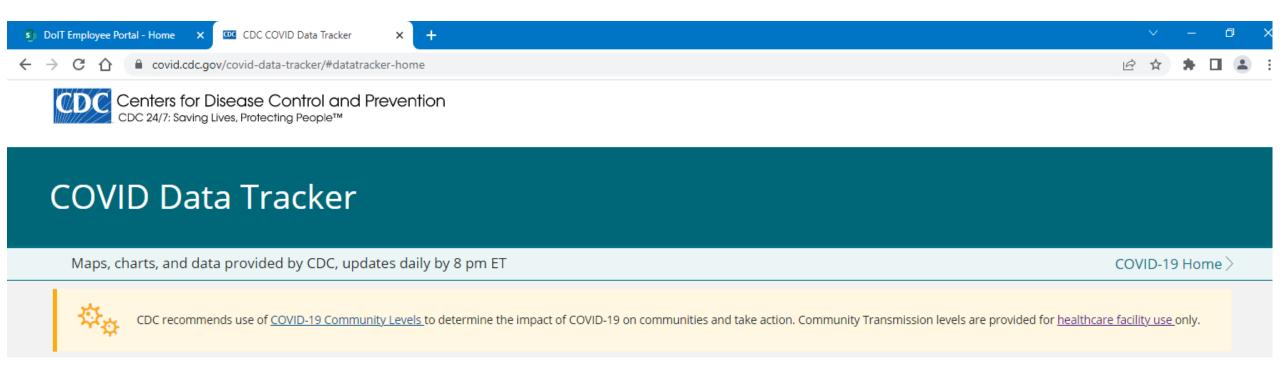
https://coronavirus.illinois.gov/resources/executive-orders/display.executive-order-number-05.2022.html
https://www.ilga.gov/commission/jcar/admincode/077/07700300sections.html
https://www.ilga.gov/commission/jcar/admincode/077/07700350sections.html
https://www.ilga.gov/commission/jcar/admincode/077/07700390sections.html

#### **Staff PPE**

- If a resident is suspected or confirmed to have COVID-19 or is **not up to date** with COVID-19 vaccinations, and the resident is identified to be a close contact, HCP must wear an N95 respirator, eye protection, gown, and gloves.
- If a resident is identified to be a close contact and is up to date with COVID-19 vaccinations, HCP must wear PPE according to community transmission levels listed below.
- For those <u>residents not suspected to have COVID-19</u>, HCP should use community transmission levels to determine the appropriate PPE to wear.
  - When community transmission levels are substantial or high
    - At a minimum, HCP must wear a well-fitted mask at all times and eye protection while present in resident care areas.
    - Facilities might consider having HCP wear N95 respirators at all times while in the facility.

# **Community Transmission Levels**

 Healthcare facilities must follow the Centers for Disease Control and Prevention Community **Transmission** Levels



https://covid.cdc.gov/covid-data-tracker/#county-view?list\_select\_state=all\_states&list\_select\_county=all\_counties&data-type=Risk&null=Risk

# **Routine Staff Testing**

Table 1: Routine Testing Intervals of Staff who work in facilities licensed under III. 77 Adm. Codes 300, 350, and 390 who are Not Up to Date with COVID-19 Vaccinations by Community Transmission Levels

Community Transmission Level	Minimum Testing Frequency of
	Staff Who Are Not Up to Date with COVID-19
	Vaccinations *
LOW	Per emergency rules (Sections 300.698, 350.769, and
	390.759) effective February 14, 2022, testing is
	required at a minimum of twice a week.
MODERATE	Twice a week
SUBSTANTIAL	Twice a week
HIGH	Twice a week

<sup>\*</sup>Up to date staff do not need to be routinely tested.

# **Routine Staff Testing**

Table 2: Routine testing intervals of staff who work in facilities licensed under III. 77 Adm. Codes 295, 330, 370, 380, who are not fully vaccinated by community transmission levels

Community Transmission Level	Minimum Testing Frequency of Staff who are not
	Fully Vaccinated*
LOW	Per Illinois emergency rule (Sections 295.4047,
	330.794, 370.4, and 380.643) testing is required at a
	minimum of once a week
MODERATE	Once a week
SUBSTANTIAL	Twice a week
HIGH	Twice a week

<sup>\*</sup>Fully vaccinated staff do not need to be routinely tested.

### **Universal Screening of Visitors**

- This means that a visitor should not visit for 10 full days after a positive test regardless of their vaccination status.
- Visitors who are up to date with COVID-19 vaccinations and had close contact with a positive case are allowed to visit as long as they remain asymptomatic.
- Visitors who are <u>not</u> up to date with COVID-19 vaccinations and had contact with a positive case should not visit for 10 full days following the last exposure.
- Visitors who have had COVID-19 in the prior 90 days are allowed to visit.

### Management of Residents Visitors to Resident with a Confirmed COVID - 19

- Facilities should offer well-fitting mask or other appropriate PPE, including KN95 masks (if available). <sup>13,14</sup> Visitors should not wear facility provided N95s, however, they may bring and wear their own N95s.
- Visitors who are not up to date with COVID-19 vaccinations and choose to visit a COVID-19 positive resident need to wear appropriate PPE and maintain a distance of 6 feet or more away from the resident while visiting. Visitors who are closer than 6 feet for a cumulative total of 15 minutes or more over a 24-hour period without wearing appropriate PPE are considered EXPOSED or a close contact to a positive case. If the visitor was wearing appropriate PPE and was 6 feet or more away from the resident, then the visitor is NOT considered to be exposed.
- Visitors who are not up to date with COVID-19 vaccinations will be considered exposed to a positive case (even if the positive case is the resident they were visiting) and should quarantine per community guidance and not visit a long-term care facility for 10 full days from the last exposure (with the date of the last visit being day 0).

- Isolation, quarantine, and PPE requirements for residents identified to be a close contact of a positive COVID-19 case.
  - If the resident is symptomatic, regardless of vaccination status, isolate using transmission-based precautions and test as above. HCP should wear full PPE and treat as suspected COVID-19 case (see above guidance).
  - If the resident is asymptomatic and up to date with COVID-19 vaccinations, no need to quarantine or restrict the resident to their room, but the resident should wear source control for 10 days post exposure when out of their room.
  - If the resident is asymptomatic and not up to date with COVID-19 vaccinations, quarantine for 10 days even if testing negative. HCP should wear full PPE.

- Isolation, quarantine, and PPE requirements for residents identified to be a close contact of a positive COVID-19 case.
  - If the resident is asymptomatic and has had COVID-19 within last 90 days, there is no need to quarantine; resident should wear source control for 10 days post exposure.
  - If the resident is moderate-to-severely immunocompromised, consider quarantine. Consult with the resident's health care provider to determine if quarantine is necessary.
  - Residents can be removed from transmission-based precautions (TBP) after day 10 following the exposure (day 0) if they do not develop symptoms.



- Visitation, dining, and group activities
  - Residents who are NOT up to date with COVID-19 vaccinations, but are identified to have had a close contact, should be placed in quarantine (above).
    - Residents should not participate in communal dining during quarantine and should dine in their room.
    - Residents should not participate in group activities during quarantine.
  - Residents who ARE up to date with COVID-19 vaccinations, but are identified to have had a close contact, do not have to be restricted to their rooms.



- Visitation, dining, and group activities
  - Residents who ARE up to date with COVID-19 vaccinations can
     participate in indoor visits in their rooms, in common areas, or in
     designated visitation spaces. Outdoor visits are also allowed. Both the
     resident and the visitor should wear source control and maintain
     physical distancing for both indoor and outdoor visits.
  - Residents who ARE up to date with COVID-19 may participate in communal dining but should wear source control to and from the dining hall and when not eating or drinking.
  - Residents who ARE up to date with COVID-19 may participate in group activities but should wear source control during the activity.



# Management of Residents New Admissions/Readmissions and Residents Who Leave the Facility

Table 3: New Admission/Readmissions and Residents who Leave the Facility						
	Is quarantine of	Is testing of the resident necessary?				
Resident vaccination status	resident necessary?	Low-to-moderate community transmission	Substantial-to-high community transmission			
Not up to date with COVID-19						
vaccinations resident	No	No	No			
out for less than 24 hours						
Not up to date with COVID-19						
vaccinations, resident	Yes	No	Yes, test as readmission			
out for 24 hours or more						
Up to date with COVID-19						
vaccinations, resident	No	No	No			
out for less than 24 hours						
Up to date with COVID-19						
vaccinations resident	No	No	Yes, test as readmission			
out for 24 hours or more						

#### **Visitation**

- Executive Order 2022-06 lifted the universal face covering requirement for the general public effective February 28, 2022. However, all individuals regardless of vaccination status shall continue to be required to wear a face covering in health care facilities such as long-term care facilities.
- Face coverings or masks are still required indoors for visitors to longterm care facilities. If the resident and all their visitor(s) are up to date with all recommended COVID-19 vaccine doses, the resident can choose not to wear source control while in the resident's room and may choose to have physical contact.

Table 5: Work Exclusions & Restrictions for HCP with COVID-19 Infection - Updated							
Vaccination	Coi	Conventional		Contingency		Crisis	
Status					(Must notify LHD and OHCR) <sup>2</sup>		
	Work Exclusion	Required Testing	Work	Required Testing	Work	Required	
			Exclusion		Exclusion	Testing	
	10 days off (ideal)	No testing required to	5 days off	May return after 5	Allowed to	No additional	
		return to work		days if asymptomatic	work	testing	
	OR			or have mild to	except, should	required to	
	7 days off	May return to work after		moderate symptoms	have duties	work	
		7 days if asymptomatic or		that are improving and	prioritized		
		have mild to moderate		fever-free for 24			
Up to date		symptoms that are		hours. Must have one			
and Not up to date		improving and fever-free		negative test <sup>1</sup>			
		for 24 hours. <b>Must have</b>		completed within 48			
		one negative test <sup>1</sup>		hours before work			
		completed within 48		shift begins or rapid			
		hours before work shift		antigen test prior to			
		begins or rapid antigen		shift.			
		test prior to shift					

<sup>&</sup>lt;sup>1</sup>Either an antigen test or NAAT can be used as a clearance test to return to work; however, antigen testing is preferred because a NAAT test may remain positive for some time following infection.

<sup>&</sup>lt;sup>2</sup>LHD – Local Health Department, OHCR = IDPH Office of Health Care Regulation

Table 6: Work Exclusions & Restrictions for Asymptomatic HCP with Exposures - Updated							
Vaccination	Conventional		Contingency		Crisis		
Status					(Must notify LHD and OHCR)		
	Work Exclusion	Required Testing	Work Exclusion	Required	Work Exclusion	Required	
				Testing		Testing	
	Allowed to work with	Allowed to work with	Allowed to work	No additional	Allowed to work	No additional	
	testing	negative test		testing required		testing required	
		completed on days 1*	Must be	to work <b>but</b>	Must be	to work <b>but</b>	
Un to Data	Must be	and 5-7 post	asymptomatic	include HCP in	asymptomatic	include HCP in	
Up to Date	asymptomatic	exposure, unless		outbreak testing		outbreak	
Course for		within 90 days of		completed		testing	
Screen for		COVID-19 infection.		every 3-7 days,		completed	
symptoms		Note: HCP with		unless within 90		every 3-7 days,	
twice per shift		prolonged, continued		days of COVID-		unless within 90	
for 10 days		exposure in the		19 infection		days of COVID-	
		<i>home,</i> must				19 infection.	
		additionally test					
		weekly for two weeks					
		after the last					
		exposure date.					

Table 6: Work Exclusions & Restrictions for Asymptomatic HCP with Exposures - Updated							
Vaccination	Conventional		Contingency		Crisis		
Status						(Must notify LHD and OHCR)	
	Work Exclusion	Required Testing	Work Exclusion	Required Testing	Work Exclusion	Required Testing	
Not Up to Date	10 days off (ideal)	If excluded from work for 10	Allowed to work	Allowed to work with	Allowed to work	Allowed to work with	
		days, no testing is required to	with <b>negative</b>	negative test	with negative	negative test	
Screen for		return to work.	testing*	completed on days 1*	testing*	completed on days	
symptoms twice				and 5-7 post exposure,		1* and 5-7 post	
per shift for 10		Note: HCP with <i>prolonged,</i>		unless within 90 days		exposure, unless	
days		continued exposure in the		of COVID-19 infection.		within 90 days of	
		<i>home,</i> are allowed to work with	Must be		Must be	COVID-19 infection.	
		negative test completed on days	asymptomatic	Note: HCP with	asymptomatic		
		1* and 5-7 post exposure, unless		prolonged, continued			
		within 90 days of COVID-19		exposure in the home,		Note: HCP with	
		infection, must additionally test		are allowed to work		prolonged,	
	OR	weekly for two weeks after the		with negative test		continued exposure	
		last exposure date.		completed on days 1*		in the home, are	
	7 days off	May return after 7 days with one		and 5-7 post exposure,		allowed to work with	
		negative test*		unless within 90 days		negative test	
	Must be			of COVID-19 infection.,		completed on days	
	asymptomatic	Note: HCP with <i>prolonged,</i>		must additionally test		1* and 5-7 post	
		continued exposure in the		weekly for <b>two weeks</b>		exposure, unless	
		<i>home,</i> are allowed to work		after the last exposure		within 90 days of	
		following testing cadence noted		date.		COVID-19 for two	
		above under 10 days off.				weeks after the last	
						exposure date.	
					ILLINOIS DE	PARTMENT OF PUBLIC HEALTH 47	

### Q & A Updates from March 18, 2022 Webinar



### Q & A Updates Resident Management

Q: Is the risk assessment for residents that are out for less than 24 hours, such as for a MD appointment or Hemodialysis still required?

A: In general, at a minimum residents should be monitored daily. When a newly identified positive case in either a healthcare provider or a resident is identified, monitoring should occur each shift. COVID-19 positive residents should be monitored every four hours.

### Q & A Updates Up to Date or Testing Requirements

Q: Can an up to date residents be placed in a double room if one of the residents is using CPAP?

A: If private rooms are not available, while not ideal the best combination would be two roommates who are up to date. It is suggested that at least daily vital signs be documented on both residents to demonstrate you are monitoring for symptoms.

### Q & A Updates Assisted Living

Q: The CDC amended guidelines for Assisted Living communities, that allows AL to follow non-healthcare congregate living and retirement communities. What is IDPH take on this new guideline?

A: CDC includes Assisted Living as part of long term care.

Long term care facilities provide a variety of services, both medical and personal care, to people who are unable to live independently. It is estimated that 1 to 3 million serious infections occur every year in:

- · nursing homes
- skilled nursing facilities
- assisted living facilities

CDC is committed to keeping long term care patients safe from infections.



### Open Q&A

Submit questions via Q&A pod to All Panelists

Please do not resubmit a single question multiple times

Slides and recording will be made available after the session.



#### Reminders

- SIREN Registration
  - To receive situational awareness from IDPH, please use this link to guide you to the correct registration instructions for your public health related classification: <a href="http://www.dph.illinois.gov/siren">http://www.dph.illinois.gov/siren</a>

- LTC Webinar Interest Survey (please complete by March 25<sup>th</sup>)
  - https://redcap.link/j2pfz9gc

- NHSN Assistance:
  - Contact Telligen: nursinghome@telligen.com