# **Preferred Provider Network**

• April 28, 2021





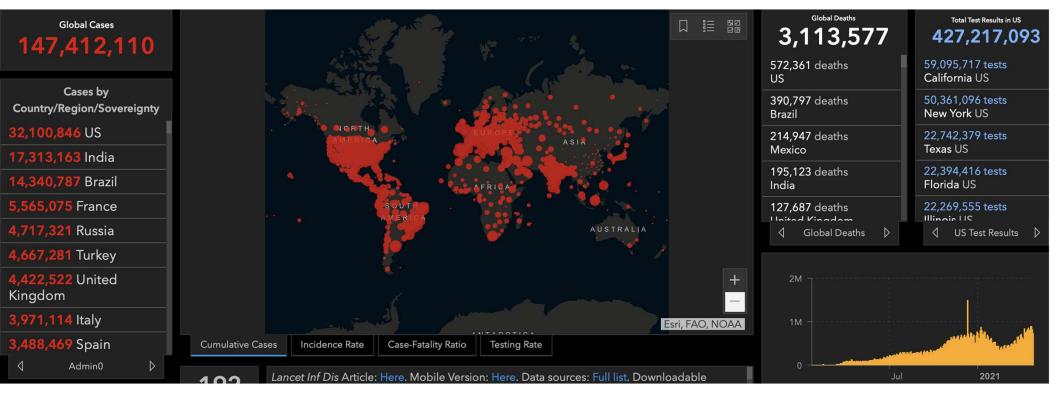
### **Agenda**

- Overview of COVID-19 statistics
- Arizona progress with COVID-19
- Updates from CMS, and Community
- Updates from ICP
- Updates from HonorHealth



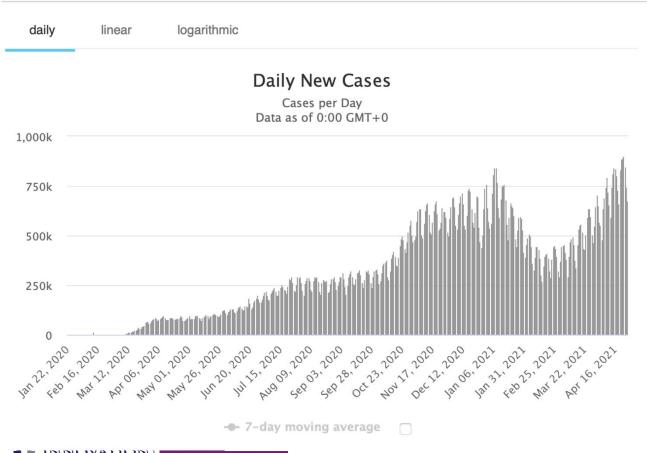


#### **Johns Hopkins Tracker**





#### **Global COVID-19 Trend**



**ACTIVE CASES** 

19,134,503

**Currently Infected Patients** 

19,023,227 (99.4%) 111,276 (0.6%)

in Mild Condition

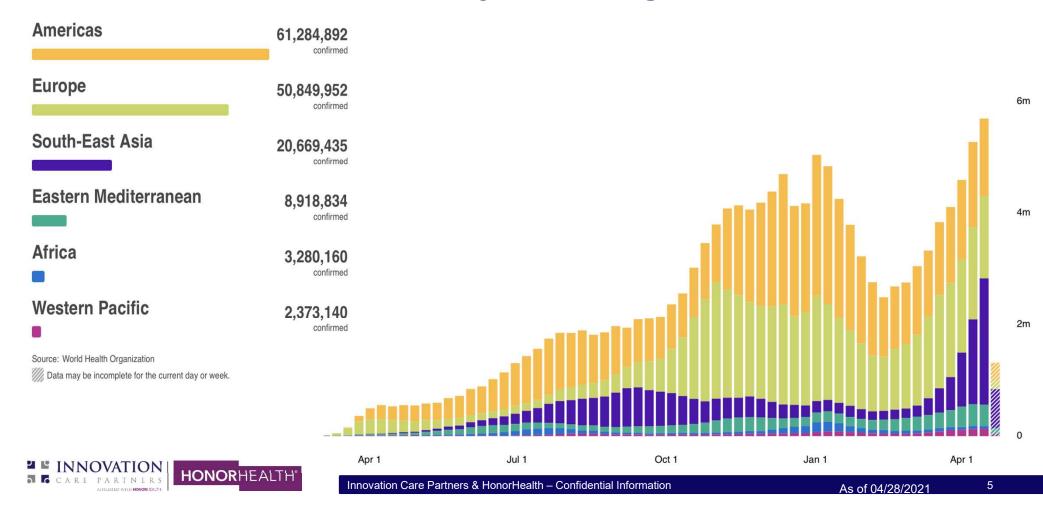
Serious or Critical

https://www.worldometers.info/coronavirus/





## **Situation by WHO Region**



#### **CORONAVIRUS STATUS 4/26/2021**

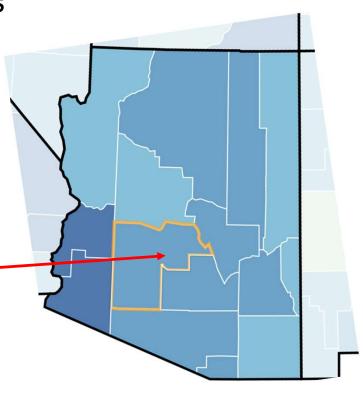
• World 147 million cases, 3.11 million deaths

• **US** 32.1 million cases, 572k deaths

Arizona 858k cases, 17,268 deaths

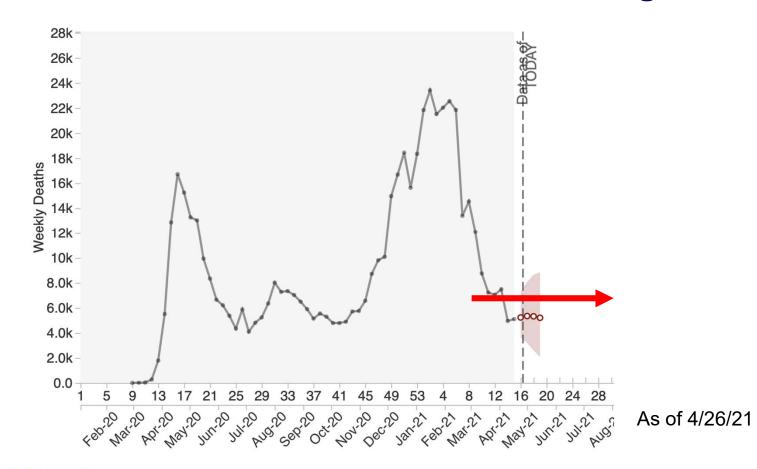
7 Day Average for Maricopa County

- 1. Cases # 30.99% (73.97 per 100k)
- 2. Deaths # 90.91% (1.4 per 100k)
- 3. % Positivity # 0.26% (5.11)
- 4. Testing Vol # -0.65% (1565.85 per 100k)
- 5. New COVID admits # 6.05% (263)



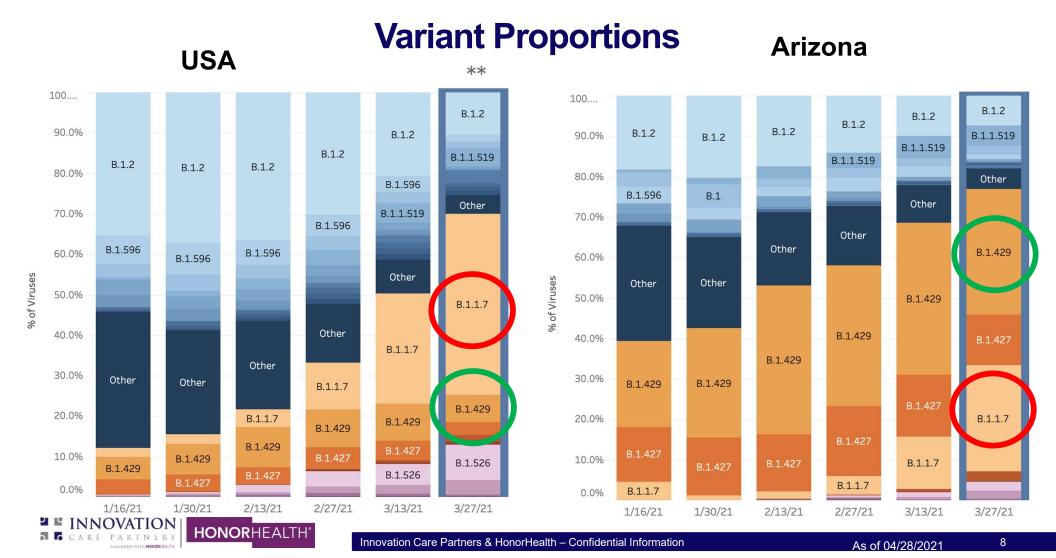


### **United States Forecasting**



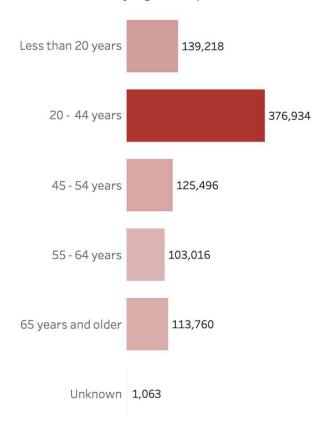






### **Arizona Daily Case Counts**

COVID-19 Cases by Age Group

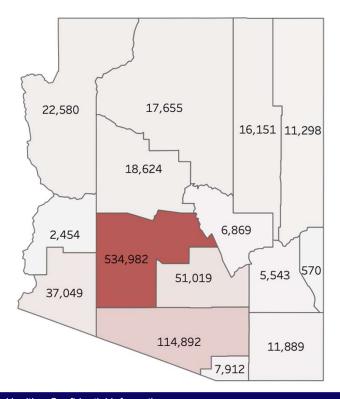


Number of Cases

859,487

Select a county to filter the other graphs.

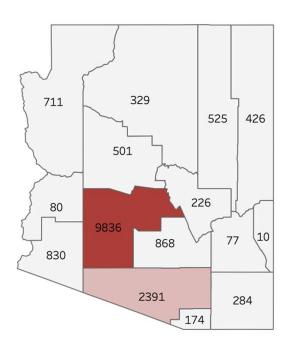
Graphs will not be displayed for counties with fewer than 10 cases.

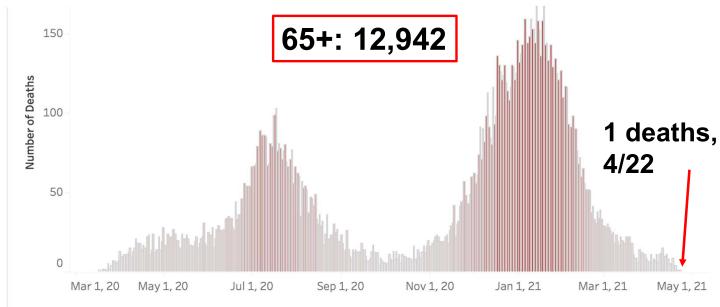




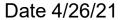
#### **Arizona COVID-19 Deaths**

COVID-19 Deaths (total)





Recent deaths may not be reported yet. Cases missing the date of death are excluded from the graph above, but are included in all other





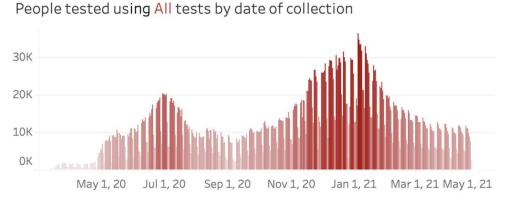


## **% Positive Diagnostic Tests Increasing**

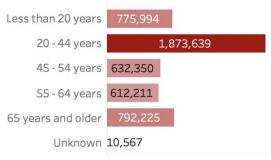
As of 4/26/2021

People tested using All tests by county Select a county to filter the data.



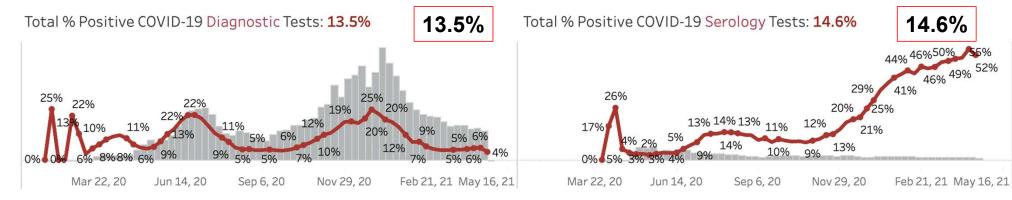


People tested using All Testing by Age Group



■ People tested for COVID-19 and ■ percent positive by week

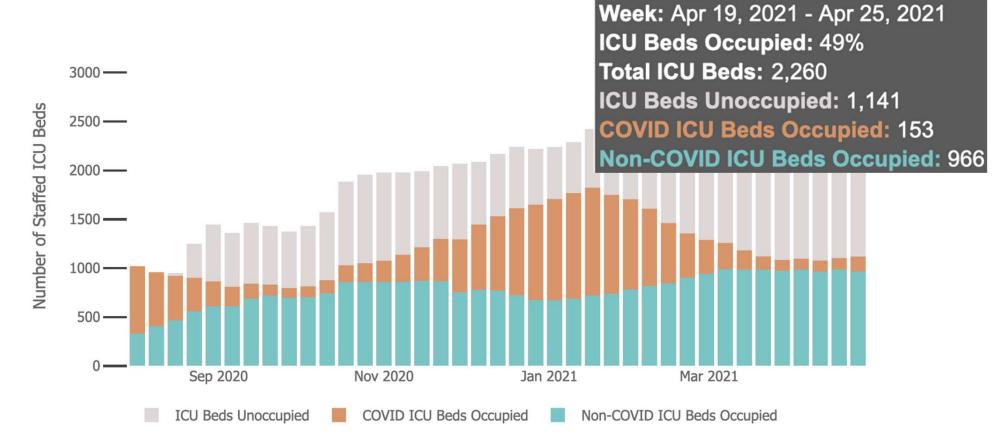
Percent positive is the number of people with a positive result in Electronic Laboratory Reporting (ELR), out of all people with COVID-19 testing reported via ELR in AZ. Diagnostic tests include











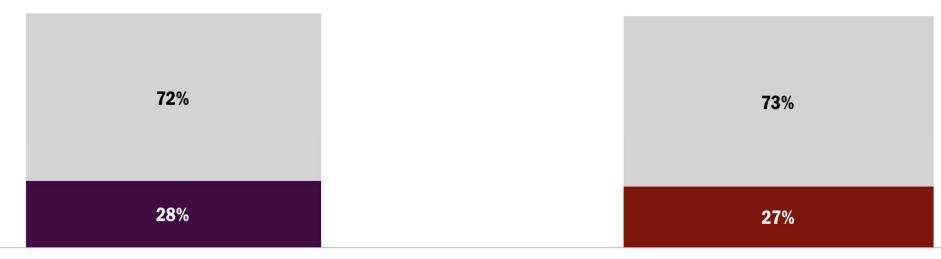




## **COVID-19** in the 814 Long-Term Care Facilities

\*Long-term care facilities include nursing homes, assisted living facilities, and hospices. As of 7/17/20 this no longer includes other congregate settings.

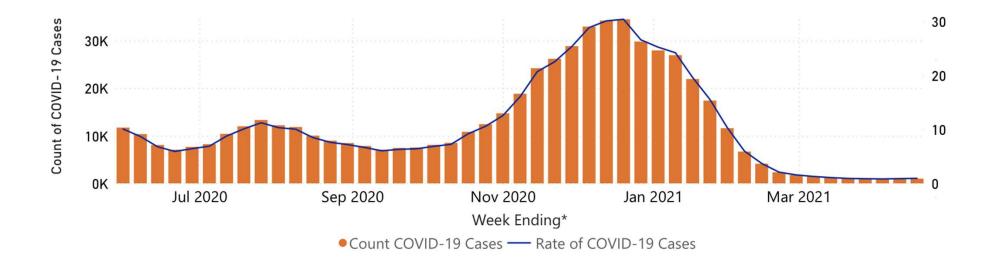
Of 8,441 COVID-19 cases among residents, 2,395 (28%) have been hospitalized and 2,242 (27%) have died.



Of 5,913 COVID-19 cases among staff, 248 (4%) have been hospitalized and 17 (0%) have died.

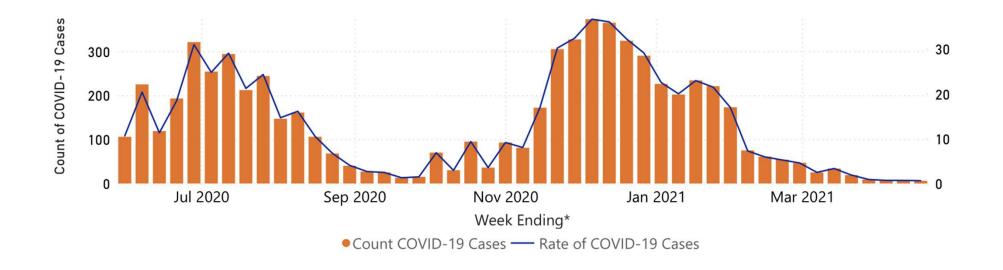


## Confirmed COVD-19 Rate per 1,0000 in Nursing Homes – USA





## Confirmed COVD-19 Rate per 1,0000 in Nursing Homes – AZ





# **VACCINE UPDATES**



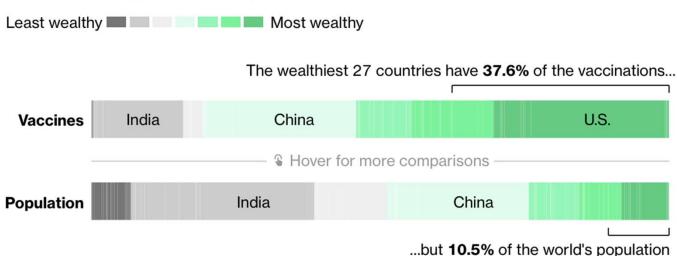
#### **Global Vaccination Efforts**

- More Than 1 Billion Shots Given worldwide
- The latest rate was roughly 19.3 million doses a day
- In the U.S., 229 million doses have been given so far. In the last week, an average of 2.75 million doses per day were administered
- Enough doses have now been administered to fully vaccinate 6.7% of the global population
- Countries with the highest incomes are getting <u>vaccinated</u> about 25 times faster than those with the lowest



#### **Global Vaccination Efforts**

#### **Uneven Access to Vaccines**



Note: Vaccine access calculations account for the number of doses needed for full protection; some vaccines require a two-dose regimen while others require just a single dose. Countries are ordered by GDP per capita (PPP).

#### **Global Vaccination Efforts**

- At the current pace of 19.3 million a day, it would take years to achieve a significant level of global immunity
  - The rate is steadily increasing, and new vaccines by additional manufacturers are coming to market
- Per Dr. Anthony Fauci
  - vaccinating 70% to 85% of the U.S. population would enable a return to normalcy
- In the U.S., the latest vaccination rate is 2,750,656 doses per day, on average
  - At this pace, it will take another **3 months** to cover **75%** of the population



## Global Vaccination Efforts - Sorted by Fully Vaccinated

#### **Global Vaccination Campaign**

Countries and regions	Doses administered	Enough for % of people	% of population		
			given 1+ dose	fully vaccinated ▼	Daily rate of doses administered
Global Total	1,044,147,974	_	_	-	19,214,353
Gibraltar	67,972	100.0	105.8	94.1	440
Falkland Islands	4,407	73.5	87.7	59.2	202
Seychelles	122,744	63.9	69.3	58.5	1,037
Israel	10,405,878	57.5	59.5	55.5	9,732
Bahrain	1,180,735	39.8	44.5	35.1	14,750
Chile	14,131,492	37.0	41.6	32.3	141,428
Monaco	24,390	31.3	32.7	29.8	205
U.S.	230,768,454	36.0	42.5	28.9	2,741,021
Turks & Caicos	27,122	35.7	39.6	26.3	417

38.3

51.1

25.5



San Marino

26,025

841

## Global Vaccination Efforts – Sorted by Doses Administered

#### **Global Vaccination Campaign**

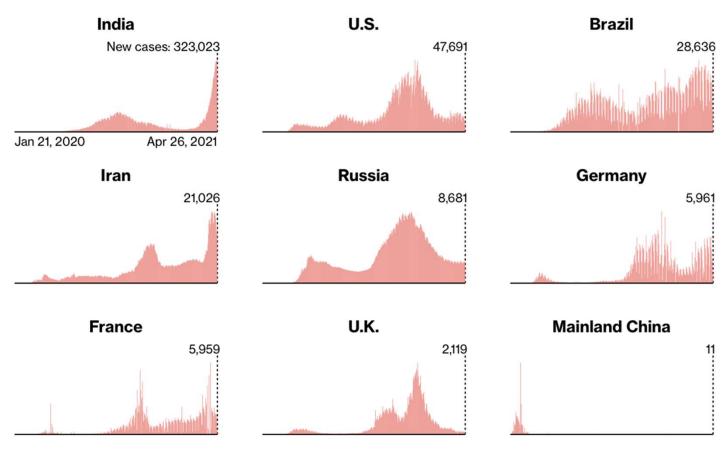
% OT	population	

Countries and regions	Doses administered ▼	Enough for % of people	given 1+ dose	fully vaccinated	Daily rate of doses administered
Global Total	1,044,147,974	-	_	_	19,214,353
U.S.	230,768,454	36.0	42.5	28.9	2,741,021
China	224,901,000	8.0	_	_	4,682,000
India	145,085,911	5.3	8.9	1.7	2,589,983
EU	132,161,240	14.9	21.7	7.7	2,740,018
U.K. +	46,650,008	34.9	50.5	19.3	509,360
Brazil	42,624,623	10.1	14.1	6.2	861,227
Germany	25,446,941	15.3	23.5	7.2	500,176
Turkey	21,555,774	13.0	16.1	9.9	195,072
France	19,988,827	15.4	22.1	8.8	366,103
Russia	19,400,000	6.6	8.1	5.1	637,143





### **Global Cases Added Per Day**



Vaccinations vs. Cases
Covid rates have
flattened or declined in
the four places where
enough vaccines have
been given to cover at
least 40% of the
population.

#### **COVID-19 Vaccinations in the United States**

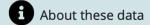
#### **Total Vaccine Doses**

Delivered 290,692,005

Administered 230,768,454

Learn more about the distribution of vaccines.

People Vaccinated	At Least One Dose	Fully Vaccinated
Total	140,969,663	95,888,088
% of Total Population	42.5%	28.9%
Population ≥ 18 Years of Age	139,170,908	95,408,925
% of Population ≥ 18 Years of Age	53.9%	37%
Population ≥ 65 Years of Age	44,679,503	37,039,383
% of Population ≥ 65 Years of Age	81.7%	67.7%



CDC | Data as of: April 26, 2021 6:00am ET. Posted: Monday, April 26, 2021 1:32 PM ET



#### **Arizona Vaccine Administration**

Doses in Arizona People in Arizona

Total number of COVID-19 vaccine doses administered: 4,852,704

Total number of **people** who have received at least 2.867.481

one dose of COVID-19 vaccine:

Total number of COVID-19 vaccine doses ordered: 4,643,380

Percent of people vaccinated: 39.9%

Percent of COVID-19 vaccine doses utilized: 104.5%

Number of people who are **fully vaccinated** against

COVID-19: **2,162,197** 

#### **Maricopa County**

#### Key takeaways from this week's data (as of 4/21/2021):

- Over 2.5 million COVID-19 vaccine doses have been administered to Maricopa County residents.
- 1.1 million Maricopa County residents have completed their COVID-19 vaccine series that is over 25% of all Maricopa County residents who are fully vaccinated.
- In the last week, Maricopa County residents received an average of about 30,000 doses of vaccine per day.
- Over 40% of all vaccine doses given have been those that completed the vaccine series for a Maricopa County resident (i.e., the 1st dose of a 1-dose series or the 2nd dose of a 2-dose series).
- In recent weeks, the 15-24, 25-34, 35-44, and 45-54 age groups are getting vaccinated at the fastest rate the percent of each of these age groups vaccinated with at least one dose of vaccine in the last week increased by at least 3%.



### **Long-Term Care Vaccination**

US

Total Number of Doses Administered in Long-Term Care Facilities

7,791,592

Number of People with at least One Dose in Long-Term Care Facilities

4,864,472

Number of People Fully Vaccinated in Long-Term Care Facilities

2,869,817

CDC | Data as of: April 26, 2021 6:00am ET. Posted: Monday, April 26, 2021 3:45 PM ET



About these data

#### **Arizona**

Total LTC Doses Administered: 125,867

People in LTC with at least One Dose: 82,020

People in LTC Fully Vaccinated: 43,046





## Johnson & Johnson Vaccine – 4/23 Update

- J&J vaccination placed on pause after noted potential increase in reported blood clots thrombocytopenia
  - Total of 15 cases had blood clots (3 fatalities)
  - All reported cases of thrombocytopenia syndrome have occurred in women, and 13 out of 15 occurred in women under 50 years of age.
  - The majority of cases manifested as cerebral venous sinus thrombosis.
- 4/23— CDCs Advisory Committee on Immunization Practices voted10 to 4 (1 abstain) to resume vaccination use
- American Medical Association came issued statement in support



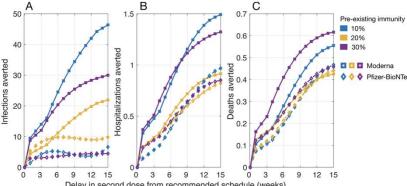
#### Johnson & Johnson Vaccine – 4/23

- If you develop any of the following symptoms 1-2 weeks following vaccination, please seek immediate medial attention:
  - Shortness of breath
  - Chest pain
  - Leg swelling
  - Persistent abdominal pain.
  - Severe or persistent headaches or blurred vision.
  - Easy bruising or tiny blood spots under the skin beyond the site of injection
- https://www.cdc.gov/vaccines/acip/meetings/downloads/slides-2021-04-23/06-COVID-Oliver-508.pdf



## Delay 2nd mRNA Vax Dose?

- Two of the COVID-19 vaccines currently approved in the US require 2 doses, administered 3 to 4 weeks apart
- Developed predictive agent-based model of COVID-19 transmission to compare the impact of these 2 vaccination strategies - taking into account:
  - temporal waning of vaccine efficacy following the first dose
  - the level of preexisting immunity in the population



https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3001211



### **Delay 2nd mRNA Vax Dose?**

- Moderna vaccines, a delay of at least 9 weeks could maximize vaccination program effectiveness and avert at least an additional 17.3 infections, 0.69 hospitalizations, and 0.34 deaths per 10,000 population compared to the recommended 4-week interval between the 2 doses.
- Pfizer-BioNTech vaccines also averted an additional 0.60 hospitalizations and 0.32 deaths per 10,000 population in a 9week delayed second dose strategy compared to the 3-week recommended schedule between doses.



## Vaccine Safety in Pregnant Women

- Preliminary data from a CDC Covid-19 mRNA vaccine safe (36,000 women vaccinated during pregnancy)
  - Analysis of data from multiple adverse event databases involving the Pfizer and Moderna Covid-19 mRNA vaccines
  - No signal for worse pregnancy or neonatal outcomes in the third trimester of pregnancy.
- Pregnant women reported experiencing injection-site pain more frequently than non-pregnant persons
- Headache, myalgia, chills, and fever were reported less frequently by pregnant women.



# IN THE NEWS

### FDA Pulls Plug on Bamlanivimab EUA



- April 15, 2021, FDA revoke the Emergency Use Authorization for emergency use of Bamlanivimab for the treatment of mild to moderate COVID-19 in adults and pediatric patients
- SARS-CoV-2 viral variants that are resistant to Bamlanivimab alone resulting in the increased risk for treatment failure
- FDA has determined that the known and potential benefits of bamlanivimab, when administered alone, no longer outweigh the known and potential risks for its authorized use.
- Alternative monoclonal antibody therapies remain available under EUA (<u>casirivimab and imdevimab</u> and <u>bamlanivimab and</u> <u>etesevimab</u>)



## Long COVID Syndrome

- Long COVID has impacted 3.2 million Americans...and counting
- Syndrome characterized by persistent symptoms and/or delayed or long-term complications beyond 4 weeks from the onset of symptoms
- Cellular damage, a robust innate immune response with inflammatory cytokine production, and a pro-coagulant state induced by SARS-CoV-2 infection may contribute to these sequelae

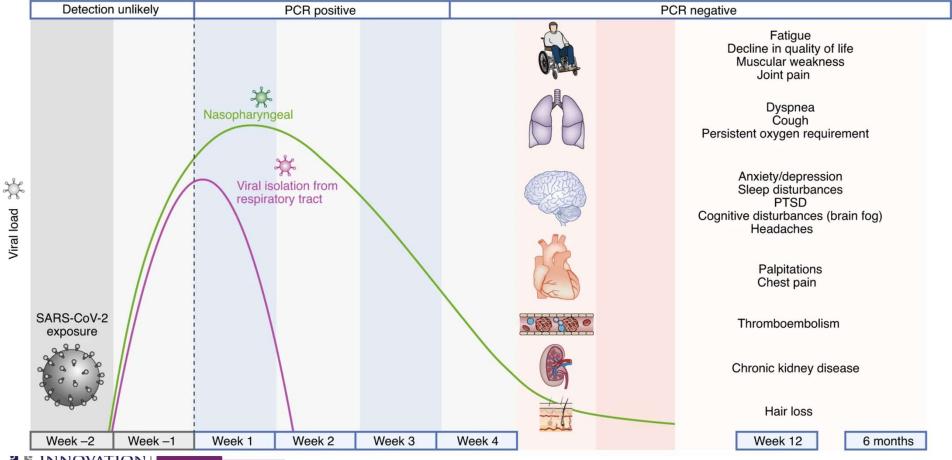


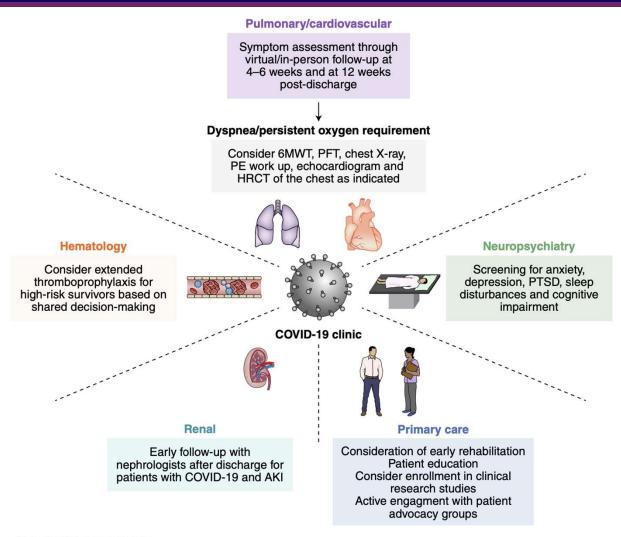
### **Long COVID Syndrome**

- Subdivided into two categories:
  - (1) subacute or ongoing symptomatic COVID-19, which includes symptoms and abnormalities present from 4–12 weeks beyond acute COVID-19
  - (2) chronic or post-COVID-19 syndrome, which includes symptoms and abnormalities persisting or present beyond 12 weeks of the onset of acute COVID-19 and not attributable to alternative diagnoses
- In December, Congress provided \$1.15 billion in funding over four years for NIH to support research into the prolonged health consequences of SARS-CoV-2 infection



Acute COVID-19	Post-acute COVID-19			
	Subacute/ongoing COVID-19	Chronic/post-COVID-19		





Multidisciplinary collaboration is essential to provide integrated outpatient care to survivors of acute COVID-19

https://www.nature.com/articles/s41591-021-01283-z





## **Vaccines Help Some Covid Long Haulers**

- An estimated 10% to 30% of people who get covid-19 suffer from lingering symptoms of the disease, or what's known as "long covid
- Symptoms are easing and, in some cases, fully resolving after vaccination
- Vaccine might induce an immune response that gives the body extra firepower to beat back the residual infection
- A vaccine could hypothetically kick into gear the "innate immune system" and "dampen the symptoms,"



# **Unvaccinated Worker in Kentucky Nursing Homes**

- Despite a 90.4% resident vaccination rate, a nursing home in Kentucky suffered a COVID-19 outbreak that resulted in 44 resident infections
- Unvaccinated worker contracted and spread the virus
  - Outbreak was caused by a viral variant not yet seen in the region
  - Vaccinated residents and staff were 87% less likely to experience symptoms than their unvaccinated peers
- "Vaccination of SNF residents and HCP is essential to reduce the risk for symptomatic COVID-19, as is continued focus on infection prevention and control practices..."



## **Unvaccinated Worker in Kentucky Nursing Homes**

- State facility had completed Pfizer-BioNTech vaccine, 90.4% for residents and 52.6% for staff:
  - The outbreak, which was first detected on March 1, was traced back to a single unvaccinated worker who had become infected with an "R.1 lineage variant" of the novel coronavirus
  - 3 resident deaths that resulted from the outbreak -> 2 had not received the vaccines, 2 vaccinated residents were hospitalized as compared to 4 who had not received the shots
  - Of the 22 unvaccinated residents who contracted COVID-19, 20 had symptoms, compared to just 8 of the 22 vaccinated residents who tested positive.



# **Unvaccinated Worker in Kentucky Nursing Homes**

- State facility had completed Pfizer-BioNTech vaccine:
  - Among health care workers -> 16 unvaccinated staff were infected, (15 symptomatic), 4 vaccinated workers tested positive (2 symptomatic)
- Vaccination was associated with decreased likelihood of infection and symptomatic illness, 25.4% of vaccinated residents and 7.1% of vaccinated HCP were infected

https://www.cdc.gov/mmwr/volumes/70/wr/mm7017e2.htm?s\_cid=mm7017e2\_w



## **Deaths Among Vaccinated Nursing Home**

- Chicago nursing homes found that fully vaccinated residents and staff accounted for just 4% of COVID-19 infections
- Single resident death and no secondary transmission within facilities
- 78 skilled nursing facilities in Chicago
  - 71% of those total infections were among unvaccinated people
  - 4% of the total in those who were fully vaccinated -> only about a third resulted in symptoms of any kind, with 14 remaining asymptomatic
- "To protect SNF residents, it is imperative that [workers], as well as SNF residents, be vaccinated..."



#### **SNF-at-Home Programs**

- Model for developing a robust rehab program that could provide a skilled nursing facility level of care at home
- The Miramar, Fla.-based home health provider partners exclusively with managed Medicare insurers
  - Risk-sharing agreements with Medicare Advantage plans
  - Company has positioned itself as more of a whole-health management service
  - 2 hours / day of PT and 3 hours / day of skilled nursing care in some cases, along with home health aides that perform more familiar tasks such as bathing, dressing, and meal preparation.



## **SNF-at-Home Programs**

- Therapists can work with patients on navigating their actual beds, vehicles, and living spaces, and offer real-world training on how to avoid falls
- Significant opportunities:
  - Shorter length of institutional stay and a smoother transition from the hospital to normal life
  - Ability for the SNF to readmit directly from home health bypassing the hospital and reducing the overall episodic cost
- SNF-at-home option could give a nursing home provider the edge when dealing with Medicare Advantage plans



- FY 2022 Proposed Updates to the SNF Payment Rates
  - Increase of approximately \$444 million in Medicare Part A payments to SNFs in FY 2022
- PDPM implementation currently available data suggest an unintended increase in payments of approximately 5 percent, or \$1.7 billion in FY 2020
  - CMS also acknowledges that the COVID-19 PHE could have affected the data
  - CMS is soliciting broad public comments on a potential methodology for recalibrating the PDPM parity adjustment



- Section 134 of the Consolidated Appropriations Act, 2021
  - New Blood Clotting Factor Exclusion from SNF Consolidated Billing
  - Requires that certain specified blood clotting factors used for the treatment of patients with hemophilia and other bleeding disorders (and items/ services) be excluded from the consolidated billing requirements under the SNF PPS for items and services furnished on or after October 1, 2021
  - If finalized, would result in an estimated decrease of approximately \$1.2 million in aggregate Part A SNF spending



- Proposed changes in PDPM ICD-10 Code Mappings
- In response to stakeholder feedback and to improve consistency between the ICD-10 code mappings and current ICD-10 coding guidelines
  - sickle-cell disease
  - esophageal conditions
  - multisystem inflammatory syndrome
  - neonatal cerebral infarction
  - vaping-related disorder
  - anoxic brain damage.



- Skilled Nursing Facility Quality Reporting Program (QRP) update
  - SNFs that do not meet reporting requirements may be subject to a two-percentage point (2%) reduction in their annual update
  - Closing the Health Equity Gap
    - Our ongoing commitment to closing the health equity gap in SNFs has been demonstrated by the adoption of standardized patient assessment data elements (SPADEs) which include several social determinants of health (SDOH)
  - Fast Healthcare Interoperability Resources (FHIR) in support of Digital Quality Measurement in Quality Reporting Programs
    - o Improve the quality of healthcare for beneficiaries through measurement, transparency, and public reporting of data.



- Skilled Nursing Facility Value-Based Purchasing Program
  - CMS is proposing to suppress the SNF 30-Day All-Cause Readmission Measure for the FY 2022
    - o circumstances caused by the COVID-19 PHE
- COVID-19 Vaccination Coverage among Healthcare Personnel (HCP) Measure
  - CMS is proposing the adoption of the COVID-19 Vaccination Coverage among Healthcare Personnel Measure beginning with the FY 2023 SNF QRP



- Skilled Nursing Facility Healthcare-Associated Infections (HAI)
   Requiring Hospitalization Measure
  - CMS is proposing the adoption of a new claims-based measure, SNF HAI, to the SNF QRP, beginning with the FY 2023
  - Goal of the measure is to assess those SNFs that have notably higher rates of HAIs that are acquired during SNF care and result in hospitalization, when compared to their peers and to the national average HAI rate

https://www.cms.gov/newsroom/fact-sheets/fiscal-year-fy-2022-skilled-nursing-facility-prospective-payment-system-proposed-rule-cms-1746-p



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# CDC Guidelines - When You've Been Fully Vaccinated (4/27)

- You can gather indoors:
  - With fully vaccinated people without wearing a mask or staying 6 feet apart
  - With unvaccinated people of any age from one other household (for example, visiting with relatives who all live together) without masks or staying 6 feet apart,
    - Unless any of those people or anyone they live with has an <u>increased risk for</u> severe illness from COVID-19.
- Activities outdoors
  - You can gather **without** wearing a mask except in certain crowded settings and venues.



# CDC Guidelines - When You've Been Fully Vaccinated (4/27)

- Travel in US NO need to get tested before or after travel or self-quarantine after travel.
- International Travel:
  - NO need to get tested **before** leaving US unless your destination requires it.
  - Must <u>have NEG test</u> or documentation of recovery from COVID-19 **before** boarding an international flight to the US
  - Should get tested 3-5 days after international travel.
  - NO need to self-quarantine **after** arriving in the United States.
- If exposed to COVID-19 person, NO need to isolate or get tested if you're asymptomatic



# **GUEST SPEAKER**

#### **Guest Speakers**

- Deanna Grey, MSN, RN
  - Manager, Transitional Care Management
- Sandy Simpson, LMSW, CCM
  - Supervisor Transitional Care Management





# **ICP PA TCM Workflow Process**



Day of Admission	24-72 Hours	Mid-Stay	3-5 Days Prior to	Transition Day	24 Hour Post Discharge
, 24-48 Hours		,	Transition	,	S
Review previous pt. records in	Complete Face-to-Face	Complete Face-to-Face follow	Complete Face to face	Contact patient and CM	Reach out to pt's who
Doc Talk and I.E.	interview with patient	up visit.	follow up visit.	for final review.	have high social
DOC TAIN AIRU I.L.	litterview with patient	up visit.	Tollow up visit.	Tor illiarreview.	determinants or who
Identify pt's Episodic Length of	Identify Risk for Readmissions	Patient/family Care	Identify Barriers to d/c	Handover care to HHC	are medically
Stay and provide CM team	and develop an individualized	Conference.	l dentily barriers to d/c	Tiandover care to fine	complicated and are
with ELOS list.	plan.	Conference.	Verify D/C Plan	Warm handover to CC	high risk for
WITH ELOS list.	pian.	Review ELOS in IDT/Care	*Use ICP Preferred	Warm nandover to CC	readmission.
Contact pt. and family for	Collaboration with CC	Conference.	Provider Resources	Assist with PCP follow-	readinission.
· ' '		Conference.	Provider Resources		Quartient
introduction to ICP Program.	regarding pt's history. On Care Coordination?	Discuss DH Bridging Program	Time Taut DCD and CC	up appointment	Question:
latuadosa TigasTaccab ta ut	Care Coordinations		TigerText PCP and CC	NACLO CON CIUTANO COL CUITA	*14/ana Du/a miakad
Introduce TigerTouch to pt.	Ask SNF Team about:	with patient/family.	Risk Assessment Tool	Make appointment with	*Were Rx's picked up?
and family.		Advance Comp Blancing		Dispatch Health	*Was DH Referral
Identification to the second laws	*Continuity Care Form	Advance Care Planning	-Stratifies the likelihood	I- CDC T-I-IIH-	
Identify short-term and long-	-Clinical Summary	Palliative Care	of readmission and	Is SPG Telehealth	made?
term discharge goals with SNF	-Nursing Care		determines the ideal	referral needed?	*5:11116
and pt./family.	-Functional Status	Monitor and ask in IDT	follow up needed.		*Did HHC contact
	m	*Change in Condition			patient?
	*Care Conference	-What is the risk for	Ask SNF CM Team:	***	
	-Discuss plan of care	readmission?	*Continuity of Care	*See Patient	*Was PCP or other
			Transition Plan	Appointment Follow Up	physician appt's made?
	*Change in Condition	*Review Care Guideline	-Clinical Summary	<mark>Guide</mark>	
	-What measures are in place		-Nursing Care		
	to monitor CIC?		-Functional Status		
		*Utilize Zone Tools			*See Follow Up Calls
	*Med Management	-Patient education	Use <mark>Teach Back Method</mark>		Script tool.
	-Medications reconciled yet?		-To improve patient		
	New meds?	Pam Tool	understanding,		
			adherence and		
			outcomes.		

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#### **Questions – Type in Q & A Section**

Post-Acute Website: <a href="https://innovationcarepartners.com/postacutecommunications">https://innovationcarepartners.com/postacutecommunications</a>



- If you have further questions or issues you would like to discuss
- Please contact:
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