

# Step 8: Identify your Gaps & Opportunities Continue Social Isolation PIP

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Continuation Phase, Session 8

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Over the  
Past Week

What did you learn from walk rounds from this past week?

Any other PIP Related Revelations

- PDSAs

How are you liking the QIO QAPI/PIP Tool?

- Other Options if Preferred

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Today

### IHI Curriculum

- Today: (remaining)
  - Strategies for Risk Mitigation and Adherence to Core Principles of COVID-19 Infection Prevention
  - Post Vaccination Workforce Considerations

Step 8: Identify Your Gaps & Opportunities

PIP Next Step: Continue with PDSA

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Post-Vaccination

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# Step 7: Step 8: Identify Your Gaps & Opportunities

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# Social Isolation PIP

Continue with PDSA

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# Homework

## QIO PIP Tool

- Continue with PDSA

## Submit Homework via Dropbox

- Now on our website (direct link to dropbox with instructions)
- <https://www.dakotageriatrics.org/project-echo-can/phase-2-continuing-education>
- Please note we might share your work with the group (if you don't want to share, please let us know)

### Phase 2 – Continuing Education

Our team at Dakota Geriatrics in collaboration with [Center for Rural Health](#) is participating in the [Project ECHO COVID-19 Action Network](#) as an official training center for nursing homes. If you have questions, please email us at: [dakotageriatrics@und.edu](mailto:dakotageriatrics@und.edu).

#### Dropbox Information

- [Dropbox How To](#)
- [Access Dropbox](#)

#### Curriculum Resources and Recorded Sessions

Phase 2, Week 5:

Phase 2, Week 4:

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# Vaccine Hesitancy

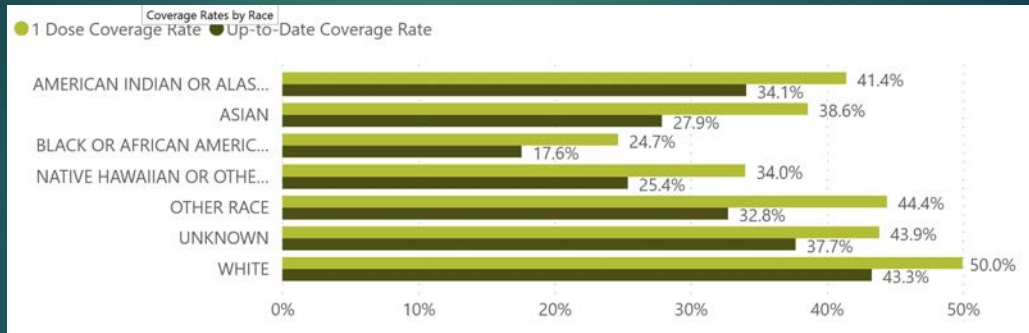
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## Key points of the COVID-19 Pandemic

- ▶ Iatrogenic spread
- ▶ Exponential mortality with age
- ▶ Particulate matter, race, blood type (A+) and chronic conditions impact disease severity
- ▶ Mutations ! US has the highest number of mutated COVID-19 in the world

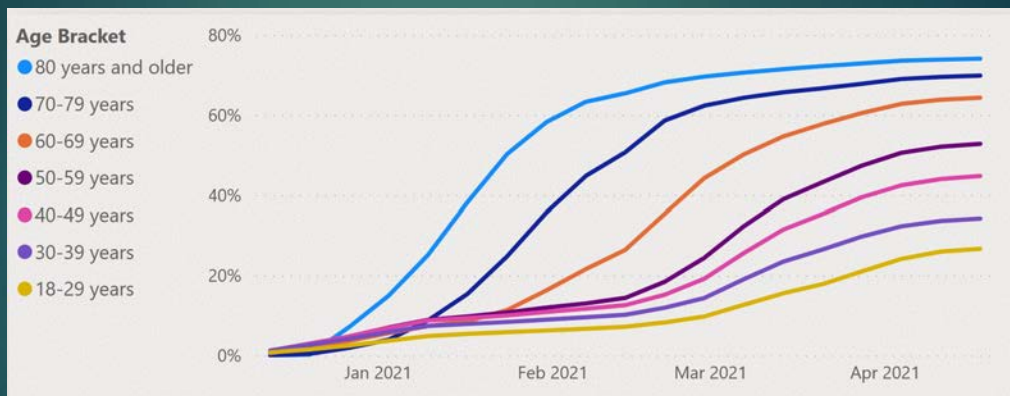
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# North Dakota COVID-19 Vaccination rate



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# North Dakota COVID-19 coverage rate



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## Vaccine efficacy

- ▶ 6000 US citizens with post vaccine COVID-19
- ▶ Infectivity is 0.007% of the 84 million Americans with full protection against the virus.

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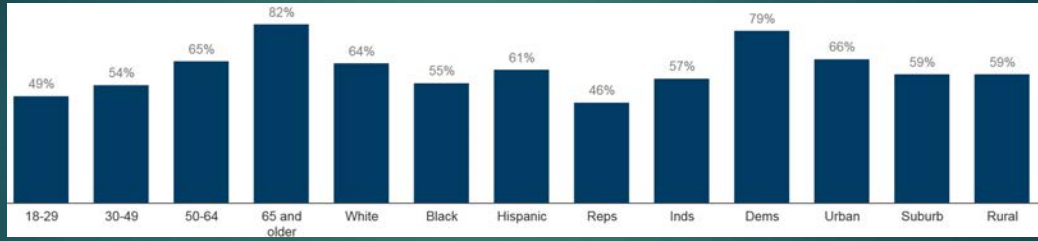
## North Dakota first !

- ▶ First ever cross border operation to offer Canadian truckers free COVID-19 vaccinations
- ▶ ~ 4000 truckers & oil personnel



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## Vaccine hesitancy: % willing to get vaccinated



Kaiser Foundation Survey 2021

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## Vulnerable older adults



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## Nursing Homes: post vaccination

### Grand Forks

- ▶ 12 fully-vaccinated residents of Valley Senior Living in Grand Forks have asymptotically tested positive for COVID-19
- ▶ 2 staff members tested positive for COVID-19
  
- ▶ mRNA vaccine 95% effective against severe disease in general population, recent data suggest 87 % efficacy in nursing homes

### KY nursing home:

- ▶ unvaccinated staff member infected 50 people, including 18 fully vaccinated residents. 3 deaths: 2 unvaccinated, 1 vaccinated resident

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## Vaccine Hesitancy: ND nursing homes

Residents (%)	Staff (%)
100	79
90	35
81	62
98	67
91	43

National Average for NH staff = 50 %

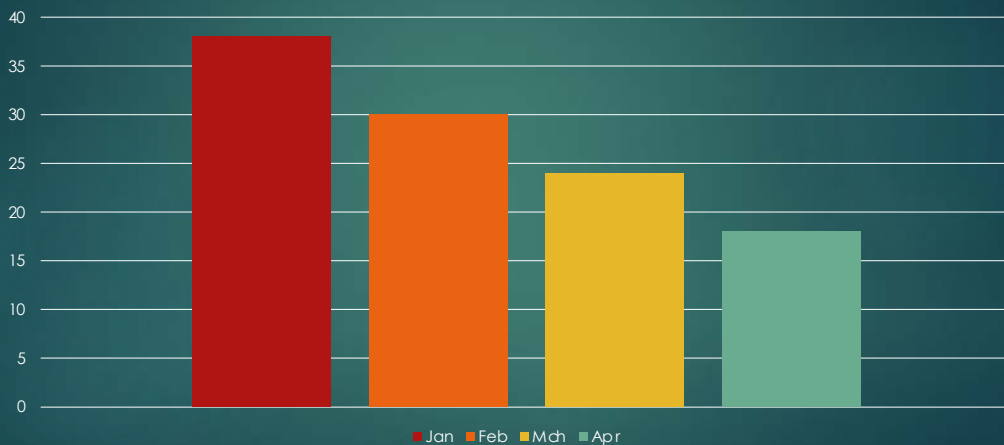
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# Vaccine Hesitancy

Rationale to not get vaccinated	Evidence
Infertility	No evidence in animal models of human studies Note: natural infections can cause infertility
Prefer natural immunity	Natural immunity is no better than vaccine Reinfections occur
God's will	Fatalists exist. Is it God's will to be a Typhoid Mary ?
Wait and see	Late adopters, need a nudge with evidence

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## Percent of vaccine hesitant group: 2021



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# Vaccine Hesitancy

- ▶ Unknown: liability if unvaccinated staff transmit disease ?
- ▶ Embrace the late adopters with data