

# COVID-19 Vaccinations and Breakthrough Infections

Analysis based on new COVID-19 cases reported in May 2021

# COVID-19 Vaccinations Work

- Measured at 21 day mark to allow for necessary immune response to first dose
- Two doses recommended for all vaccines currently offered in Saskatchewan
- It is anticipated that serious illness rates will continue to decrease as residents receive second doses
- Two weeks after second dose is when optimum protection begins

# New COVID-19 Cases – May 2021

<b>Total</b>	<b>Unvaccinated or First dose &lt; 3 weeks</b>	<b>Vaccinated First dose &gt; 3 weeks</b>
5,296	4,869	427
	91.9%	8.1%

Of the 427 vaccinated individuals, 162 (38%) had comorbid medical conditions.

# COVID-19 Hospitalizations

## May 2021

Total	Unvaccinated or First dose < 3 weeks	Vaccinated First dose > 3 weeks
191	155	36
	81.1%	18.8%

Of the 36 hospitalized and/or ICU cases, 28 (78%) had comorbid medical conditions. Most cases (86%) were aged 60 and over.

# COVID-19 ICU Admissions – May 2021

Total	Unvaccinated or First dose < 3 weeks	Vaccinated First dose > 3 weeks
46	40	6
	87.0%	13.0%

Most vaccinated individuals admitted to ICU were aged 70 or older and had comorbid medical conditions.

# COVID-19 Deaths – May 2021

Total	Unvaccinated or First dose < 3 weeks	Vaccinated First dose > 3 weeks
28	21	7
	75.0%	25.0%

Vaccinated individuals who died were aged 60 or older and almost all had comorbid medical conditions.

**The actions taken by the people of Saskatchewan collectively will determine the outcomes.**

Simple measures reduce the risk of infection:

- Mask whenever you are away from your home
- Physically distance
- Reduce close contacts and non-essential travel
- Outdoors is better than indoors
- Washing hands/sanitizing often
- Stay home with even the mildest symptoms and get tested
- Abide by public health guidelines in every public space
- Get the vaccine as soon as you are eligible to receive it

**Public Health Order is available at [saskatchewan.ca/COVID19](https://saskatchewan.ca/COVID19)**