

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

Total	Unvaccinated or First dose < 3 weeks	Vaccinated First dose > 3 weeks
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