

Risk for COVID-19 Hospitalization

Analysis from logistic regression on confirmed cases and hospitalizations Dec. 14 - Jan 4

Step One:

How many at-risk conditions do you have? Check as many as apply:



At-Risk Conditions: BCCDC.ca

Chronic Disease Dashboard

- Cancer
- Cardiovascular disease
- Cerebrovascular disease
- Chronic kidney disease
- Chronic respiratory disease (eg: chronic obstructive pulmonary disease (COPD), asthma, pulmonary hypertension, bronchiectasis)
- Diabetes
- Down syndrome
- Hypertension
- Immunosuppression and immunodeficiency
- Obesity (BMI >30)
- Organ transplant
- Pregnancy
- Sickle cell disease
- Substance use (eg: injection drug use, problematic alcohol use)
- Schizophrenia and psychotic disorders

Step Two:

Find your hospitalization risk based on: Gender, Age, # of Doses, # of at-risk conditions



# of at-risk conditions	Age group	Female				Male			
		0 Doses	1 Dose	2 Doses	3 Doses	0 Doses	1 Dose	2 Doses	3 Doses
0 at-risk conditions	<20	0.3%	0.1%	0.1%	0.0%	0.4%	0.2%	0.1%	0.0%
	20-39	1.5%	0.5%	0.4%	0.2%	1.8%	0.7%	0.4%	0.2%
	40-49	1.9%	0.7%	0.4%	0.2%	2.3%	0.8%	0.5%	0.3%
	50-59	2.7%	1.0%	0.6%	0.3%	3.2%	1.2%	0.8%	0.4%
	60-69	2.9%	1.1%	0.7%	0.3%	3.6%	1.3%	0.8%	0.4%
	70-79	5.2%	1.8%	1.2%	0.6%	6.3%	2.2%	1.5%	0.7%
	80+	9.5%	3.3%	2.2%	1.1%	11.8%	4.0%	2.7%	1.3%
1-2 at-risk conditions	<20	0.9%	0.3%	0.2%	0.1%	1.2%	0.4%	0.3%	0.1%
	20-39	4.5%	1.7%	1.1%	0.5%	4.7%	1.8%	1.1%	0.6%
	40-49	5.2%	1.9%	1.2%	0.6%	5.9%	2.2%	1.3%	0.7%
	50-59	6.8%	2.6%	1.6%	0.8%	8.3%	3.2%	1.9%	1.0%
	60-69	7.5%	3.0%	1.8%	0.9%	9.5%	3.6%	2.2%	1.1%
	70-79	13.9%	5.4%	3.3%	1.6%	17.2%	6.9%	4.2%	2.0%
	80+	26.2%	9.7%	6.2%	2.9%	33.9%	13.1%	8.1%	3.9%
3+ at-risk conditions	<20	5.5%	1.8%	1.3%	0.5%	7.3%	1.8%	1.4%	1.4%
	20-39	23.0%	10.6%	5.1%	2.9%	25.2%	11.0%	6.6%	3.6%
	40-49	26.2%	10.6%	5.8%	3.6%	35.6%	8.3%	6.5%	4.0%
	50-59	36.0%	13.2%	7.7%	4.3%	37.0%	12.3%	8.9%	5.1%
	60-69	33.2%	14.8%	7.6%	3.9%	40.3%	16.2%	9.4%	5.0%
	70-79	50.1%	23.2%	12.8%	5.9%	59.6%	26.6%	15.9%	7.5%
	80+	71.9%	31.8%	20.7%	9.4%	83.7%	43.8%	26.3%	12.7%



Step Three:

My risk of COVID-19 hospitalization: _____%

Even with 3 doses, substantial risk observed for those over 80+ (over 10%) when multiple risk conditions present