

Table S2. Percentage of each ranking contributing to the total for COVID-19 pandemic immunization strategies for different pandemic scenarios at the time of initial COVID-19 vaccine availability by stakeholder group.

Pandemic scenario	Rank	COVID-19 pandemic immunization strategy			
		Protect those who are most vulnerable to severe illness and death from COVID-19	Minimize transmission of COVID-19 disease	Protect critical infrastructure	Protect healthcare capacity
Clinical and public health experts (n=19)					
Scenario 1: Pandemic in progress	1 - most important	73.7%	0.0%	0.0%	26.3%
	2 - important	10.5%	15.8%	15.8%	57.9%
	3 - less important	10.5%	26.3%	52.6%	10.5%
	4 - least important	5.3%	57.9%	31.6%	5.3%
Scenario 2: Possible new wave	1 - most important	73.7%	15.8%	0.0%	10.5%
	2 - important	10.5%	15.8%	10.5%	63.2%
	3 - less important	10.5%	21.1%	47.4%	21.1%
	4 - least important	5.3%	47.4%	42.1%	5.3%
Scenario 3: Post-peak	1 - most important	89.5%	5.3%	0.0%	5.3%
	2 - important	10.5%	31.6%	0.0%	57.9%
	3 - less important	0.0%	21.1%	42.1%	36.8%
	4 - least important	0.0%	42.1%	57.9%	0.0%
Scenario 4A: Post-pandemic with long-term protection	1 - most important	94.7%	0.0%	0.0%	5.3%
	2 - important	5.3%	21.1%	0.0%	73.7%
	3 - less important	0.0%	31.6%	47.4%	21.1%
	4 - least important	0.0%	47.4%	52.6%	0.0%
Scenario 4B: Post-pandemic without long-term protection	1 - most important	70.0%	15.0%	0.0%	15.0%
	2 - important	15.0%	15.0%	5.0%	65.0%
	3 - less important	5.0%	20.0%	55.0%	20.0%
	4 - least important	10.0%	50.0%	40.0%	0.0%
Health professional associations (n=15)					
Scenario 1: Pandemic in progress	1 - most important	40.0%	13.3%	6.7%	40.0%
	2 - important	33.3%	20.0%	6.7%	40.0%
	3 - less important	26.7%	40.0%	13.3%	20.0%

Pandemic scenario	Rank	COVID-19 pandemic immunization strategy			
		Protect those who are most vulnerable to severe illness and death from COVID-19	Minimize transmission of COVID-19 disease	Protect critical infrastructure	Protect healthcare capacity
	4 - least important	0.0%	26.7%	73.3%	0.0%
Scenario 2: Possible new wave	1 - most important	40.0%	33.3%	0.0%	26.7%
	2 - important	46.7%	13.3%	6.7%	33.3%
	3 - less important	13.3%	26.7%	33.3%	26.7%
	4 - least important	0.0%	26.7%	60.0%	13.3%
Scenario 3: Post-peak	1 - most important	40.0%	26.7%	6.7%	26.7%
	2 - important	46.7%	13.3%	13.3%	26.7%
	3 - less important	6.7%	26.7%	33.3%	33.3%
	4 - least important	6.7%	33.3%	46.7%	13.3%
Scenario 4A: Post-pandemic with long-term protection	1 - most important	66.7%	13.3%	0.0%	20.0%
	2 - important	33.3%	26.7%	13.3%	26.7%
	3 - less important	0.0%	13.3%	40.0%	46.7%
	4 - least important	0.0%	46.7%	46.7%	6.7%
Scenario 4B: Post-pandemic without long-term protection	1 - most important	35.7%	28.6%	0.0%	35.7%
	2 - important	50.0%	0.0%	28.6%	21.4%
	3 - less important	14.3%	14.3%	35.7%	28.6%
	4 - least important	0.0%	57.1%	35.7%	14.3%
Provincial and territorial committees and national Indigenous groups (n=8)					
Scenario 1: Pandemic in progress	1 - most important	75.0%	12.5%	0.0%	12.5%
	2 - important	12.5%	37.5%	12.5%	37.5%
	3 - less important	12.5%	12.5%	25.0%	50.0%
	4 - least important	0.0%	37.5%	62.5%	0.0%
Scenario 2: Possible new wave	1 - most important	62.5%	25.0%	0.0%	12.5%
	2 - important	25.0%	37.5%	12.5%	25.0%
	3 - less important	12.5%	0.0%	25.0%	62.5%
	4 - least important	0.0%	37.5%	62.5%	0.0%
Scenario 3: Post-peak	1 - most important	100.0%	0.0%	0.0%	0.0%
	2 - important	0.0%	87.5%	0.0%	12.5%

Pandemic scenario	Rank	COVID-19 pandemic immunization strategy			
		Protect those who are most vulnerable to severe illness and death from COVID-19	Minimize transmission of COVID-19 disease	Protect critical infrastructure	Protect healthcare capacity
	3 - less important	0.0%	0.0%	12.5%	87.5%
	4 - least important	0.0%	12.5%	87.5%	0.0%
Scenario 4A: Post-pandemic with long-term protection	1 - most important	100.0%	0.0%	0.0%	0.0%
	2 - important	0.0%	87.5%	0.0%	12.5%
	3 - less important	0.0%	0.0%	25.0%	75.0%
	4 - least important	0.0%	12.5%	75.0%	12.5%
Scenario 4B: Post-pandemic without long-term protection	1 - most important	100.0%	0.0%	0.0%	0.0%
	2 - important	0.0%	87.5%	0.0%	12.5%
	3 - less important	0.0%	0.0%	12.5%	87.5%
	4 - least important	0.0%	12.5%	87.5%	0.0%
Federal government departments (n=8)					
Scenario 1: Pandemic in progress	1 - most important	50.0%	12.5%	12.5%	25.0%
	2 - important	0.0%	12.5%	12.5%	75.0%
	3 - less important	12.5%	37.5%	50.0%	0.0%
	4 - least important	37.5%	37.5%	25.0%	0.0%
Scenario 2: Possible new wave	1 - most important	62.5%	12.5%	0.0%	25.0%
	2 - important	12.5%	12.5%	25.0%	50.0%
	3 - less important	12.5%	37.5%	25.0%	25.0%
	4 - least important	12.5%	37.5%	50.0%	0.0%
Scenario 3: Post-peak	1 - most important	75.0%	0.0%	0.0%	25.0%
	2 - important	12.5%	37.5%	25.0%	25.0%
	3 - less important	12.5%	0.0%	50.0%	37.5%
	4 - least important	0.0%	62.5%	25.0%	12.5%
Scenario 4A: Post-pandemic with long-term protection	1 - most important	75.0%	0.0%	0.0%	25.0%
	2 - important	0.0%	37.5%	25.0%	37.5%
	3 - less important	12.5%	12.5%	62.5%	12.5%
	4 - least important	12.5%	50.0%	12.5%	25.0%
	1 - most important	57.1%	14.3%	0.0%	28.6%

Pandemic scenario	Rank	COVID-19 pandemic immunization strategy			
		Protect those who are most vulnerable to severe illness and death from COVID-19	Minimize transmission of COVID-19 disease	Protect critical infrastructure	Protect healthcare capacity
Scenario 4B: Post-pandemic without long-term protection	2 - important	0.0%	28.6%	28.6%	42.9%
	3 - less important	42.9%	0.0%	42.9%	14.3%
	4 - least important	0.0%	57.1%	28.6%	14.3%
Patient and community advocacy representatives and experts (n=18)					
Scenario 1: Pandemic in progress	1 - most important	55.6%	22.2%	0.0%	22.2%
	2 - important	38.9%	33.3%	11.1%	16.7%
	3 - less important	5.6%	22.2%	38.9%	33.3%
	4 - least important	0.0%	22.2%	50.0%	27.8%
Scenario 2: Possible new wave	1 - most important	44.4%	22.2%	0.0%	33.3%
	2 - important	38.9%	27.8%	16.7%	16.7%
	3 - less important	11.1%	33.3%	22.2%	33.3%
	4 - least important	5.6%	16.7%	61.1%	16.7%
Scenario 3: Post-peak	1 - most important	66.7%	22.2%	0.0%	11.1%
	2 - important	22.2%	50.0%	11.1%	16.7%
	3 - less important	5.6%	11.1%	38.9%	44.4%
	4 - least important	5.6%	16.7%	50.0%	27.8%
Scenario 4A: Post-pandemic with long-term protection	1 - most important	66.7%	16.7%	0.0%	16.7%
	2 - important	22.2%	38.9%	22.2%	16.7%
	3 - less important	11.1%	22.2%	33.3%	33.3%
	4 - least important	0.0%	22.2%	44.4%	33.3%
Scenario 4B: Post-pandemic without long-term protection	1 - most important	70.6%	11.8%	0.0%	17.6%
	2 - important	17.6%	41.2%	5.9%	35.3%
	3 - less important	11.8%	35.3%	35.3%	17.6%
	4 - least important	0.0%	11.8%	58.8%	29.4%