

Supplementary Tables

Table S1. Frequency data for non-Likert questions

Survey Question	N	%
Q1: Have you received at least one dose of a COVID-19 vaccine?		
Yes, one dose	21/2549	0.8%
Yes, two doses	394/2549	15.5%
Yes, three or more doses	1911/254	75.0%
	9	
No	183/2549	7.2%
Prefer not to say	40/2549	1.6%
Q2: Which of the following best describes the reason for getting your COVID-19 vaccine?		
To protect my health and safety	1868/232	80.3%
	6	
To protect the health and safety of those around me	1816/232	78.1%
	6	
It was required for work	442/2326	19.0%
It was required for school	32/2326	1.4%
It was required to participate in a recreational activity	267/2326	11.5%
It was required for travel	456/2326	19.6%
Social pressure from friends or family	74/2326	3.2%
Social pressure from someone I am (or was) in a romantic relationship with	26/2326	1.1%
I did not want people to think that I'm "anti-vax"	91/2326	3.9%
Some other reason (please specify)	158/2326	6.8%
Prefer not to say	5/2326	0.2%
Q3: Which of the following best describes the reason for not getting your COVID-19 vaccine?		
I feel that it is my choice and an issue of personal freedom	138/183	75.4%
I have health and safety concerns	122/183	66.7%
I do not think COVID-19 is a serious health threat	72/183	39.3%
I think I am healthy person with a strong immune system and	104/183	56.8%

I have religious reasons for not being vaccinated	40/183	21.9%
I want to wait until it seems safe to receive the vaccine	40/183	21.9%
I believe I had or have COVID-19 and do not think I need a vaccine	89/183	48.6%
I haven't gotten around to it yet	2/183	1.1%
I don't really have any reasons, just haven't done	2/183	1.1%
Some other reason (please specify)	48/183	26.2%
Prefer not to say	0/183	0.0%

AQ5A: How many children do you have in each of the following age categories?
(Under 5)

0	858/1102	77.9%
1	178/1102	16.1%
2+	55/1102	5.0%
Prefer not to say	11/1102	1.0%

AQ5B: How many children do you have in each of the following age categories? (5 to 11 years)

0	510/1102	46.4%
1	362/1102	32.7%
2+	219/1102	19.9%
Prefer not to say	11/1102	1.0%

AQ5C: How many children do you have in each of the following age categories?
(12 to 17 years)

0	453/1102	41.0%
1	418/1102	38.0%
2+	220/1102	20.0%
Prefer not to say	11/1102	1.0%

Q6A: Thinking of your child aged 12-17, have they received at least one dose of a COVID-19 vaccine?

Yes, one dose	12/418	2.9%
Yes, two doses	216/418	51.7%
Yes, three or more doses	130/418	31.1%
No	55/418	13.2%
Prefer not to say	5/418	1.2%

Q6B: Thinking of your children aged 12-17, have any of them received at least one dose of a COVID-19 vaccine?

Yes, some of them have received one dose	3/220	1.4%
Yes, some of them have received two doses	19/220	8.6%
Yes, some of them have received three doses	11/220	5.0%
Yes, they have all received one dose	2/220	0.9%
Yes, they have all received two doses	106/220	48.2%
Yes, they have all received three or more doses	52/220	23.6%
No	26/220	11.8%
Prefer not to say	1/220	0.5%

Q7: Thinking of your child(ren) aged 12-17, would you be willing to have them receive a COVID-19 vaccine?

Yes	5/81	6.2%
No	73/81	90.1%
Don't know / Prefer not to say	3/81	3.7%

Q8A: Thinking of your child aged 5-11, have they received at least one dose of a COVID-19 vaccine?

Yes, one dose	26/361	7.2%
Yes, two doses	236/361	65.4%
Yes, three or more doses	2/361	0.6%
No	93/361	25.8%
Prefer not to say	4/361	1.1%

Q8B: Thinking of your children aged 5-11, have any of them received at least one dose of a COVID-19 vaccine?

Yes, some of them have received one dose	6/219	2.7%
Yes, some of them have received two doses	20/219	9.1%
Yes, some of them have received three doses	1/219	0.5%
Yes, they have all received one dose	19/219	8.7%
Yes, they have all received two doses	118/219	53.9%
Yes, they have all received three or more doses	0/219	0.0%
No	52/219	23.7%
Prefer not to say	3/219	1.4%

Q9: Thinking of your child(ren) aged 5-11, would you be willing to have them receive a COVID-19 vaccine?

Yes	13/145	9.0%
No	118/145	81.4%
Don't know / Prefer not to say	14/145	9.7%

Q13: Did you get your first or second dose of your COVID-19 vaccine because of the announcement of the COVID-19 vaccine certificates?

Yes	165/2326	7.1%
No	2142/2326	92.1%
	6	
Don't know / Prefer not to say	19/2326	0.8%

Q14: How did the COVID-19 vaccine certificate announcement impact your decision to get your COVID-19 vaccine?

I was planning to get my vaccine but hadn't gotten around to it yet	32/165	19.4%
I only got my vaccine because of the vaccine passport/certificate implementation required me to get it	76/165	46.1%
I got vaccinated for some other reason (please specify)	47/165	28.5%
Don't know / Prefer not to say	10/165	6.1%

Q15A: Would you say your desire to participate in each of the following activities was a major influence, a minor influence, or not an influence for why you decided to get vaccinated? – Domestic travel

Major influence	361/2326	15.5%
Minor influence	467/2326	20.1%
Not an influence	1483/2326	63.8%
	6	
Don't know / Prefer not to say	15/2326	0.6%

Q15B: Would you say your desire to participate in each of the following activities was a major influence, a minor influence, or not an influence for why you decided to get vaccinated? – International travel

Major influence	443/2326	19.0%
Minor influence	376/2326	16.2%

Not an influence	1488/2326	64.0%
	6	

Don't know / Prefer not to say	19/2326	0.8%
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Q15C: Would you say your desire to participate in each of the following activities was a major influence, a minor influence, or not an influence for why you decided to get vaccinated? – Attend social events such as going to a restaurant, a movie, a bar, sporting event etc.

Major influence	497/2326	21.4%
Minor influence	686/2326	29.5%
Not an influence	1133/2326	48.7%
	6	

Don't know / Prefer not to say	10/2326	0.4%
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Q15D: Would you say your desire to participate in each of the following activities was a major influence, a minor influence, or not an influence for why you decided to get vaccinated? – Travel for work

Major influence	163/2326	7.0%
Minor influence	201/2326	8.6%
Not an influence	1925/2326	82.8%
	6	

Don't know / Prefer not to say	37/2326	1.6%
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Q15E: Would you say your desire to participate in each of the following activities was a major influence, a minor influence, or not an influence for why you decided to get vaccinated? – Attend work

Major influence	417/2326	17.9%
Minor influence	311/2326	13.4%
Not an influence	1567/2326	67.4%
	6	

Don't know / Prefer not to say	31/2326	1.3%
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Q15F: Would you say your desire to participate in each of the following activities was a major influence, a minor influence, or not an influence for why you decided to get vaccinated? – Participate in sporting or recreational activities

Major influence	274/2326	11.8%
Minor influence	483/2326	20.8%

Not an influence	1553/232	66.8%
	6	

Don't know / Prefer not to say	16/2326	0.7%
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Q17: Which of the following statements best reflects your view of the convoy protests in Ottawa and other parts of Canada?

I support both their message and their protesting tactics	389/2549	15.3%
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I support their message but not their protesting tactics	326/2549	12.8%
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I do not support their message, but I do support their protesting tactics	84/2549	3.3%
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I do not support their message or their protesting tactics	1673/254	65.6%
	9	

Don't know/Prefer not to say	77/2549	3.0%
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Q23: Which of the following best describes the region(s) you focus on when getting information about COVID-19?

I focus on developments all over the world, including Canada, and my local area	1450/254	56.9%
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I mostly focus on developments in Canada, the United States, and my local area	308/2549	12.1%
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I mostly focus on developments in Canada and my local area	474/2549	18.6%
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I mostly focus on developments in my local area	97/2549	3.8%
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I do not have a specific focus when I get information about COVID-19	199/2549	7.8%
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Don't know/Prefer not to say	21/2549	0.8%
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Table S2. Descriptive statistics for Likert questions

Question	N	Mean (SD)
Q10 – To what extent did you support or oppose each of the following requirements when they were first introduced?		
Requiring Canadians to carry vaccine certificates order to travel	2549 /2549	3.85 (1.61)
Requiring Canadians to carry vaccine certificates order to attend public events	2549 /2549	3.68 (1.62)
Q11 – And to what extent do you still support or oppose each of the following requirements?		
Requiring Canadians to carry vaccine certificates order to travel	2549 /2549	3.65 (1.64)
Requiring Canadians to carry vaccine certificates order to attend public events	2549 /2549	3.44 (1.63)
Q12 – To what extent would you support or oppose vaccine certificates to require a third dose of the COVID-19 vaccine?	2549 /2549	3.34 (1.64)
Q16 – To what extent would you support or oppose using COVID-19 vaccine certificates/passports for children aged 5 to 11?	2549 /2549	3.04 (1.59)
Q18 – Please rate the extent to which you agree or disagree with the following statements:		
It is important to be loyal to your beliefs even when evidence is brought to bear against them	2549 /2549	1.76 (1.09)
Whether something feels true is more important than evidence	2549 /2549	1.50 (0.92)
Just because evidence conflicts with my current beliefs does not mean my beliefs are wrong	2549 /2549	2.22 (1.28)
There may be evidence that goes against what you believe but that does not mean you have to change your beliefs	2549 /2549	2.32 (1.27)

Even if there is concrete evidence against what you believe to be true, it is okay to maintain cherished beliefs 2549 /2549 1.88 (1.16)

Regardless of the topic, what you believe to be true is more important than evidence against your beliefs 2549 /2549 1.62 (1.01)

Q19 – To the best of your knowledge, are the following statements true or false?

The federally approved COVID-19 vaccines are safe for adults 2549 /2549 3.47 (0.77)

The federally approved COVID-19 vaccines are safe for children aged 5-11 2549 /2549 3.35 (0.91)

The federally approved COVID-19 vaccines are effective at decreasing illness and death due to COVID-19 2549 /2549 3.56 (0.77)

The federally approved COVID-19 vaccines are effective at slowing the transmission of COVID-19 2549 /2549 3.19 (0.99)

The federally approved COVID-19 vaccines are experimental and haven't been properly tested 2549 /2549 1.69 (1.00)

The reported number of COVID-19-related deaths is being exaggerated 2549 /2549 1.79 (1.06)

Deaths due to COVID-19 vaccines are being intentionally hidden by the government 2549 /2549 1.54 (0.92)

COVID-19 vaccines can cause infertility 2549 /2549 1.27 (0.64)

Ivermectin is a safe and effective treatment for COVID-19 2549 /2549 1.49 (0.91)

Q20 – To what extent do you rely on each of the following sources for guidance on matters related to COVID-19?

Social media 2549 /2549 1.70 (0.96)

Public health agencies 2549 /2549 3.99 (1.21)

Local media (e.g., local newspaper, radio, or television, etc.) 2549 /2549 2.92 (1.26)

Public health professionals 2549 /2549 4.06 (1.18)

Canadian-based mainstream media (e.g., CBC, Globe and Mail, National Post, CTV, Global, etc.)	2549 /2549 3.31 (1.36)
Friends and family	2549 /2549 2.42 (1.01)
Podcasts	2549 /2549 1.65 (0.99)
Canadian alternative media sources	2549 /2549 1.86 (1.12)
American-based mainstream media (e.g., CNN, New York Times, Washington Post, etc.)	2549 /2549 2.23 (1.20)
American alternative media sources (e.g., Fox News, Newsmax, OANN, etc.)	2549 /2549 1.40 (0.82)
Other (please specify)	433 /2549 3.84 (1.54)

**Q22 – To what extent do you rely on each of the following media sources
for guidance on matters related to COVID-19?**

Twitter	2549 /2549 1.45 (0.90)
Facebook	2549 /2549 1.32 (0.69)
WhatsApp	2549 /2549 1.07 (0.39)
Instagram	2549 /2549 1.14 (0.49)
YouTube	2549 /2549 1.41 (0.84)
TikTok	2549 /2549 1.09 (0.42)
Reddit	2549 /2549 1.23 (0.67)
Telegraph	2549 /2549 1.07 (0.39)
Other (please specify)	214 /2549 3.00 (1.81)

Table S3. Original and modified categories for demographic variables

Variable	Original Categories	Modified Categories
Province	Alberta ^a	Prairies ^a
	Manitoba ^a	British Columbia
	Saskatchewan ^a	Ontario
	British Columbia	Quebec
	Ontario	Atlantic ^b
	Quebec	Territories ^c
	New Brunswick ^b	Prefer not to say
	Newfoundland and Labrador ^b	
	Nova Scotia ^b	
	Prince Edward Island ^b	
	Northwest Territories ^c	
	Nunavut ^c	
	Yukon ^c	
	Prefer not to say	
Income	Less than \$10,000 ^a	Quartile 1 ^a
	\$10,000-\$19,999 ^a	Quartile 2 ^b
	\$20,000-\$29,999 ^a	Quartile 3 ^c
	\$30,000-\$39,999 ^a	Quartile 4 ^d
	\$40,000-\$49,999 ^a	Prefer not to say
	\$50,000-\$59,999 ^a	
	\$60,000-\$79,999 ^b	
	\$80,000-\$99,999 ^b	
	\$100,000-\$119,999 ^c	
	\$120,000-\$159,999 ^c	
	\$160,000-\$219,999 ^d	
	\$220,000 or more ^d	
	Prefer not to say	

Education	Post graduate degree above bachelor's level	Post graduate degree above bachelor's level
	Bachelor's degree ^a	College/University ^a
	College, CEGEP or other non-university certificate or diploma ^a	High School diploma or equivalent Primary School ^b
	University certificate or diploma below bachelor's level ^a	Registered Apprenticeship or other trades certificate or diploma
		Prefer not to say
	High School diploma or equivalent	
	Some high school ^b	
	Grade 8 or less ^b	
	Registered Apprenticeship or other trades certificate or diploma	
	Prefer not to say	
Ideology	Politically left ^a	Left ^a
	Slightly left ^a	Neither
	Strongly left ^a	Right ^b
	Neither	Don't know / Prefer not to say
	Politically right ^b	
	Slightly right ^b	
	Strongly right ^b	
	Don't know / Prefer not to say	

Age	18-24 ^a	18-34 ^a
	25-34 ^a	35-54 ^b
	35-44 ^b	55 or older ^c
	45-54 ^b	Unknown
	55-64 ^c	
	65 or older ^c	
	Unknown	

Table S4. Demographic factor sample size by category (modified)

Variable	Category (N)
Gender	Female(1141)
	Other (25)
	Prefer not to say (14)
	Male (1342)
Province	Atlantic (166)
	British Columbia (310)
	Prairies (491)
	Prefer not to say (4)
	Quebec (513)
	Territories (15)
	Ontario (1023)
Generation	Born in Canada but ≥ 1 parent was not (550)
	Don't know/prefer not to say (3)
	Not born in Canada (342)
	Both you and parents born in Canada (1627)
Language	Bilingual (88)
	French (418)
	Other (171)
	Prefer not to say (14)
	English (1831)
Minority	A 2SLGBTQ person (121)
	A member of a visible minority (169)
	A person with a disability (152)
	Don't know / prefer not to say (106)
	Indigenous (54)
	Multiple (98)
	None (1822)
Rurality	Don't know / Prefer not to say (16)
	Rural area (556)
	Suburban area (929)
	Urban (1021)

Ideology	Don't know / Prefer not to say (120)
	Neither (444)
	Right (685)
	Left (1273)
Age	18-34 (415)
	35-54 (1221)
	Unknown (103)
	55 + (783)
Children	Don't know / Prefer not to say (7)
	Yes (1091)
	No (1424)
Education	University/College (1424)
	Prefer not to say (16)
	High school diploma or equivalent (300)
	Primary school (35)
	Apprenticeship or trades (133)
	Postgraduate degree (614)
Income	Prefer not to say (264)
	Income quartile1 (469)
	Income quartile2 (526)
	Income quartile3 (667)
	Income quartile4 (596)