

2023 CHILDHOOD COVID-19 IMMUNIZATION COVERAGE SURVEY (CCICS)

These data tables offer detailed information from a survey administered among 11,395 members of the adult Canadian general public parents with children younger than 18 years of age, between April 11 and July 26, 2023. A methodological report is available under separate cover.

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The logo for the Government of Canada, featuring the word "Canada" in a serif font with a small Canadian flag icon above the letter 'a'. The logo is positioned in the bottom right corner of the page, set against a solid light orange background.

Canada

2023 Childhood COVID-19 Immunization Coverage Survey (CCICS)

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Table 1a. Respondent (parents) profile, overall, by province/territory, by child's sex and age group, Canada, 2023

	Overall	Parents of males	Parents of females	Parents of 0-4 years	Parents of 5-11 years	Parents of 12-17 years
Canada	11,395	5,822	5,573	3,069	4,108	4,218
Newfoundland and Labrador	442	220	222	92	175	175
Prince Edward Island	400	200	200	93	152	155
Nova Scotia	495	254	241	125	178	192
New Brunswick	483	239	244	123	180	180
Quebec	2,163	1,112	1,051	707	762	694
Ontario	3,262	1,656	1,606	832	1,148	1,282
Manitoba	509	269	240	139	178	192
Saskatchewan	505	248	257	146	169	190
Alberta	1,371	709	662	382	497	492
British Columbia	1,355	694	661	340	510	505
Yukon	199	103	96	43	77	79
Northwest Territories	175	97	78	33	71	71
Nunavut	36	21	15	14	11	11

Number of respondents (unweighted).

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 1b. Respondent (parents) profile, overall, by province/territory, by child's sex and age group, Canada, 2023

	Overall	Parents of males	Parents of females	Parents of 0-4 years	Parents of 5-11 years	Parents of 12-17 years
Canada	11,395	5,823	5,572	2,967	4,538	3,890
Newfoundland and Labrador	133	68	64	31	52	50
Prince Edward Island	47	24	23	11	19	17
Nova Scotia	261	134	127	65	104	92
New Brunswick	214	109	105	52	86	76
Quebec	2,524	1,289	1,235	665	1,025	834
Ontario	4,334	2,214	2,120	1,123	1,695	1,516
Manitoba	487	248	239	130	198	160
Saskatchewan	429	218	211	115	174	141
Alberta	1,535	784	751	408	618	509
British Columbia	1,377	706	671	353	545	479

Yukon	13	7	6	3	6	4
Northwest Territories	17	9	8	4	7	6
Nunavut	23	11	11	6	9	7

Number of respondents (weighted to the sample).

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 2a. COVID-19 vaccine coverage among children younger than 18 years, by child's sex and age group, Canada, 2023

D2. How many doses of a COVID-19 vaccine has <<child>> received so far? (n=11,028)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
One dose	806	7.5↓ [7.4-7.5]	402	7.5↓ [7.3-7.6]	404	7.5↓ [7.3-7.6]	265	9.1 [9.0-9.2]	408	10.2 [10.1-10.3]	133	3.1 [3.0-3.1]
Two doses	4,074	36.7 [36.5-37.0]	2,108	36.9 [36.6-37.3]	1,966	36.5↓ [36.2-36.8]	535	18.9 [18.8-19.1]	1,622	40.0 [39.7-40.2]	1,917	45.9 [45.7-46.1]
Three doses	2,141	19.0 [18.8-19.3]	1,044	18.0 [17.7-18.3]	1,097	20.1 [19.7-20.5]	88	3.1 [3.0-3.2]	742	18.0 [17.8-18.2]	1,311	31.8 [31.6-32.0]
Four or more doses	441	3.9 [3.8-4.0]	226	3.9 [3.8-4.0]	215	3.9 [3.8-4.0]	8	0.3 [0.3-0.3]	90	2.3 [2.3-2.4]	343	8.3 [8.2-8.4]
Has not received a COVID-19 vaccine	3,566	32.9 [32.5-33.3]	1,849	33.7 [33.1-34.3]	1,717	32.1 [31.4-32.7]	1,976	68.6 [68.4-68.8]	1,162	29.5↓ [29.3-29.6]	428	10.9 [10.7-11.0]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 2b. Percentage of children younger than 18 years, vaccinated with at least one dose of a COVID-19 vaccine, by province/territory, child's sex and age group, Canada, 2023¹

D2. How many doses of a COVID-19 vaccine has <<child>> received so far? (n=7,462)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	7,462	67.1 [66.7-67.5]	3,780	66.3 [65.7-66.9]	3,682	67.9 [67.3-68.6]	896	31.4 [31.2-31.6]	2,862	70.5↑ [70.4-70.7]	3,704	89.1 [89.0-89.3]

Newfoundland and Labrador	317	73.9 [71.5-76.1]	162	75.1 [71.6-78.3]	155	72.6 [69.1-75.8]	25	30.7 [29.4-32.1]	131	77.6 [77.4-77.9]	161	95.0 [94.5-95.4]
Prince Edward Island	273	71.2 [69.4-73.0]	136	72.2 [69.6-74.7]	137	70.2 [67.6-72.7]	33	40.9 [39.8-42.1]	107	70.8 [69.9-71.7]	133	89.2 [88.1-90.2]
Nova Scotia	363	75.1 [72.8-77.3]	183	75.0 [71.6-78.1]	180	75.2 [72.2-77.9]	38	32.5 [†] [31.7-33.3]	144	82.5 [†] [82.1-83.0]	181	95.9 [95.8-95.9]
New Brunswick	305	64.9 [62.2-67.6]	154	63.4 [59.4-67.2]	151	66.5 [‡] [63.0-69.7]	20	16.7 [16.4-17.1]	120	68.0 [67.3-68.7]	165	93.1 [92.8-93.3]
Quebec	1,369	68.3 [67.3-69.3]	698	67.8 [66.4-69.2]	671	68.9 [67.4-70.3]	166	24.9 [24.8-25.0]	566	75.3 [75.3-75.3]	637	92.7 [92.7-92.7]
Ontario	2,167	67.6 [66.8-68.3]	1,084	66.6 [65.6-67.6]	1,083	68.6 [67.5-69.6]	248	31.8 [31.8-31.9]	789	70.3 [70.2-70.4]	1,130	89.9 [89.9-89.9]
Manitoba	328	66.4 [64.6-68.2]	169	64.3 [61.4-67.0]	159	68.7 [66.4-71.0]	41	31.5 [‡] [30.6-32.4]	127	72.6 [72.5-72.6]	160	86.6 [86.4-86.8]
Saskatchewan	322	66.6 [64.9-68.2]	160	68.6 [66.1-70.9]	162	60.2 [58.9-61.5]	48	37.2 [37.0-37.3]	111	67.0 [66.4-67.5]	163	87.7 [87.5-87.9]
Alberta	800	60.0 [59.0-60.9]	413	59.7 [58.4-61.1]	387	60.2 [58.9-61.5]	119	33.1 [32.9-40.2]	292	60.1 [60.0-60.1]	389	80.4 [80.4-80.4]
British Columbia	924	69.4 [68.4-70.4]	456	67.0 [65.5-68.5]	468	71.9 [61.7-72.3]	130	39.7 [39.2-40.2]	359	71.8 [71.7-72.0]	435	88.2 [88.1-88.3]
Yukon	137	69.8 [66.3-73.2]	75	72.2 [67.7-76.4]	62	67.2 [61.7-72.3]	13	35.8 [32.4-39.4]	52	71.6 [71.1-72.2]	72	94.8 [94.2-95.4]
Northwest Territories	135	76.1 [71.3-80.3]	77	77.9 [71.2-83.4]	58	74.3 [67.8-79.8]		37.2 [35.7-38.7]		81.1 [79.0-83.1]		100.0
Nunavut	22	72.6 [62.5-80.8]	13	70.3 [57.2-80.7]	9	74.7 [62.2-84.1]	#	#		#		#

[†] Among children that were vaccinated.

[95% confidence intervals in brackets]

The symbols [†] and [‡] refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 3. Percentage of children younger than 18 years, who were recommended to receive a COVID-19 vaccine by a health care provider, by child's sex and age group, Canada, 2023

D3. Did a health care provider recommend that <<child>> receive a COVID-19 vaccine? (n=9,966)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	3,135	30.3 [30.1-30.5]	1,581	29.6 [29.3-29.9]	1,554	30.9 [30.6-31.2]	648	25.1 [24.7-25.5]	1,175	30.8 [30.5-31.1]	1,312	33.3 [33.0-33.6]
No	6,831	69.7 [69.5-69.9]	3,516	70.4 [70.1-70.7]	3,315	69.1 [68.8-69.4]	1,926	74.9 [74.5-75.3]	2,442	69.2 [68.9-69.5]	2,463	66.7 [66.4-67.0]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 4a. Parental intention to vaccinate their children against COVID-19, among children younger than 18 years who have not been vaccinated, by child's sex and age group, Canada, 2023

D4. In the future, how likely is it that you will get <<child>> vaccinated against COVID-19? (n=3,851)												
	Overall		Parents of males		Parents of females		Parents of 0-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Definitely will	227	5.2 [5.1-5.3]	124	5.2 [5.1-5.4]	103	5.1 [4.9-5.2]	183	8.0 [7.9-8.1]	33	2.3 [2.2-2.4]	11	0.9 [0.8-1.1]
Probably will	503	11.5↓ [11.3-11.6]	256	11.8 [11.6-12.0]	247	11.1 [10.9-11.4]	391	16.5↓ [16.3-16.7]	35	6.9 [6.8-7.0]	17	2.4 [2.3-2.5]
Probably won't	950	24.6 [24.5-24.8]	500	24.5↓ [24.3-24.7]	450	24.8 [24.7-25.0]	568	26.8 [26.6-27.0]	301	24.4 [24.2-24.6]	81	15.7 [15.5-15.9]
Definitely won't	1,788	48.7 [48.3-49.0]	924	48.4 [48.0-48.9]	864	48.9 [48.5-49.3]	750	36.5↓ [36.3-36.7]	688	58.1 [57.8-58.4]	350	75.4 [75.1-75.7]
Don't know	383	10.1 [10.0-10.2]	198	10.1 [10.0-10.2]	185	10.1 [9.9-10.2]	257	12.2 [12.1-12.4]	99	8.3 [8.2-8.4]	27	5.6 [5.5-5.7]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 4b. Parental intention to vaccinate their children against COVID-19, among children younger than 18 years who have not been vaccinated, by province/territory, Canada, 2023

D4. In the future, how likely is it that you will get <<child>> vaccinated against COVID-19? (n=3,851)										
	Definitely will		Probably will		Probably won't		Definitely won't		Don't know	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	227	5.2 [5.1-5.3]	503	11.5↓ [11.3-11.6]	950	24.6 [24.5-24.8]	1,788	48.7 [48.3-49.0]	383	10.1 [10.0-10.2]
Newfoundland and Labrador	13	10.8 [10.5-11.0]	36	30.1 [28.3-32.1]	31	26.0 [24.4-27.7]	33	26.0 [24.9-27.2]	9	7.1 [6.4-7.9]
Prince Edward Island	16	12.8 [11.8-13.9]	34	27.3 [26.6-28.1]	23	18.1 [17.1-19.2]	42	33.6 [32.2-35.1]	10	8.1 [7.2-9.1]
Nova Scotia	14	10.6 [10.0-11.3]	22	17.6 [16.8-18.4]	38	28.9 [27.9-30.0]	45	36.0 [35.1-36.9]	9	6.9 [6.5-7.3]
New Brunswick	9	5.0 [4.8-5.3]	32	17.0 [16.0-18.2]	42	24.5↓ [23.9-25.0]	73	42.2 [41.0-43.4]	20	11.3 [11.2-11.4]
Quebec	26	3.1 [3.0-3.2]	96	11.6 [11.4-11.8]	253	32.4 [32.3-32.6]	305	40.8 [40.3-41.4]	98	12.0 [11.8-12.3]
Ontario	55	5.2 [5.1-5.3]	131	12.3 [12.1-12.6]	241	22.8 [22.7-23.0]	529	49.6 [49.1-50.0]	107	10.1 [10.0-10.2]
Manitoba	14	7.8 [7.3-8.3]	19	10.7 [9.8-11.8]	36	20.7 [20.0-21.4]	90	50.8 [49.6-52.1]	17	10.0 [9.6-10.4]
Saskatchewan	15	7.8 [7.2-8.4]	18	9.6 [9.1-10.1]	39	21.9 [21.3-22.4]	86	48.7 [47.4-50.0]	22	12.1 [11.3-12.8]
Alberta	30	5.1 [4.8-5.4]	47	8.4 [8.2-8.7]	108	19.2 [18.9-19.6]	332	59.6 [58.7-60.4]	44	7.7 [7.5-7.9]
British Columbia	21	4.9 [4.7-5.2]	37	8.8 [8.5-9.1]	110	25.8 [25.5-26.1]	217	50.6 [49.6-51.6]	42	9.9 [9.7-10.2]
Yukon	5	7.4 [6.4-8.6]	11	17.0 [14.9-19.3]	20	37.0 [33.6-40.5]	25	38.6 [35.9-41.4]	#	#
Northwest Territories	#	12.6 [11.9-13.3]		38.0 [33.6-42.7]		12.0 [10.7-13.5]		26.6 [22.2-31.6]	5	10.8 [8.9-12.9]
Nunavut	#	#	#	#	#	#	#	#	#	#

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 5. Parental reasons for getting their children vaccinated with a COVID-19 vaccine, by child's sex and age group, Canada, 2023¹

D6. Why did <<child>> receive a COVID-19 vaccine? (n=7,642)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
To protect them and household members against COVID-19 infection and/or severe outcomes	4,941	64.8 [64.6-65.0]	2,486	64.4 [64.2-64.7]	2,455	65.2 [65.0-65.4]	681	75.4 [75.2-75.7]	1,967	66.8 [66.6-67.0]	2,293	60.3 [60.1-60.5]
To protect them against long COVID-19 (symptoms lasting 4 or more weeks)	3,417	44.0 [43.8-44.3]	1,707	43.4 [43.1-43.8]	1,710	44.6 [44.3-45.0]	555	61.4 [61.1-61.7]	1,349	45.2 [44.9-45.5]	1,513	38.5 [↑] [38.3-38.8]
Based on public health recommendations	5,356	70.8 [70.8-70.9]	2,681	70.1 [70.0-70.2]	2,675	71.6 [71.5-71.7]	664	73.8 [73.6-74.0]	2,105	72.5 [↑] [72.4-72.6]	2,587	68.5 [↑] [68.4-68.7]
To prevent the spread of COVID-19 in my community	4,446	58.0 [57.8-58.2]	2,240	57.8 [57.5-58.1]	2,206	58.2 [58.0-58.4]	597	66.2 [66.0-66.4]	1,791	60.6 [60.3-60.8]	2,058	53.5 [↑] [53.3-53.7]
It was recommended by a health care professional	1,651	19.8 [19.6-20.0]	824	19.5 [↑] [19.2-19.8]	827	20.2 [19.9-20.5]	306	33.4 [33.0-33.7]	627	19.6 [19.3-19.9]	718	16.6 [16.3-16.8]
To participate in extra-curricular activities (sports, school, restaurants, etc.)	204	2.8 [2.7-2.8]	105	2.8 [2.8-2.9]	99	2.7 [2.6-2.8]	6	0.8 [0.8-0.9]	38	1.4 [1.4-1.4]	160	4.5 [↓] [4.4-4.5]
To travel	208	2.9 [2.9-3.0]	120	3.3 [3.2-3.3]	88	2.6 [2.5-2.6]	13	1.3 [1.3-1.4]	72	2.9 [2.9-3.0]	123	3.3 [3.3-3.4]
Other	255	3.4 [3.3-3.4]	138	3.6 [3.5-3.6]	117	3.2 [3.1-3.2]	16	1.8 [1.7-1.9]	50	1.7 [1.6-1.7]	189	5.3 [5.3-5.3]

¹ Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols [↑] and [↓] refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 6a. Percentage of children younger than 18 years, diagnosed with COVID-19, by child's sex and age group, Canada, 2023

D7. Has <<child>> ever been diagnosed with COVID-19? (n=11,329)												
	Overall		Males		Females		0-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	5,980	52.1 [51.9-52.3]	2,991	51.1 [50.8-51.3]	2,989	53.1 [52.8-53.4]	1,323	42.4 [42.1-42.6]	2,217	53.9 [53.6-54.2]	2,440	57.3 [57.1-57.6]
No	5,113	45.7 [45.5-45.9]	2,677	46.7 [46.4-46.9]	2,436	44.6 [44.4-44.9]	1,634	54.1 [53.8-54.3]	1,792	44.1 [43.9-44.4]	1,687	41.0 [40.8-41.3]
Don't know	236	2.3 [2.2-2.3]	120	2.3 [2.2-2.3]	116	2.3 [2.2-2.3]	96	3.6 [3.5-3.6]	79	2.0 [1.9-2.0]	61	1.6 [1.6-1.7]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 6b. Percentage of children younger than 18 years, diagnosed with MIS-C or long COVID after being diagnosed with COVID-19 infection, by child's sex and age group, Canada, 2023^{1,2}

D8. Has a health care provider ever diagnosed <<child>> with any of the following conditions, after a COVID-19 infection? (n=5,861)												
	Overall		Parents of males		Parents of females		Parents of 0-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Multisystem inflammatory syndrome in children (MIS-C)	90	1.6 [1.6-1.6]	52	1.8 [1.8-1.9]	38	1.4 [1.3-1.4]	15	1.1 [1.1-1.2]	29	1.4 [1.4-1.5]	46	2.0 [2.0-2.1]
Long COVID	84	1.2 [1.2-1.3]	45	1.3 [1.3-1.3]	39	1.2 [1.1-1.2]	14	0.8 [0.7-0.8]	27	1.1 [1.1-1.1]	43	1.6 [1.6-1.7]
None of the above conditions	5,687	95.1 [95.1-95.2]	2,827	94.5↑ [94.4-94.6]	2,860	95.7 [95.6-95.8]	1,267	95.9 [95.9-96.0]	2,130	96.0 [95.9-96.1]	2,290	93.7 [93.6-93.7]

¹ Multiple response options could be selected by respondents.

² Among those who responded "Yes" to Has <<child>> ever been diagnosed with COVID-19?

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 7. Obstacles that prevented parents from vaccinating their children against COVID-19, among unvaccinated children, by child's sex and age group, Canada, 2023

D11. Did any obstacles prevent <<child>> from getting the COVID-19 vaccine? (n=3,564)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
No obstacles	2,249	63.4 [63.2-63.6]	1,171	63.6 [63.3-63.9]	1,078	63.2 [63.0-63.5]	1,286	66.5↑ [66.2-66.8]	675	59.4 [59.1-59.7]	288	62.2 [61.9-62.6]
Yes, encountered obstacles	1,315	36.6 [36.4-36.8]	685	36.4 [36.1-36.7]	630	36.8 [36.5-37.0]	643	33.5↓ [33.2-33.8]	488	40.6 [40.3-40.9]	184	37.8 [37.4-38.1]
Various obstacles among those that encountered obstacles¹												
Difficulty to book time off work/ school for a vaccine appointment	102	7.3 [7.2-7.5]	58	8.0 [7.8-8.3]	44	6.5↑ [6.4-6.7]	77	11.8 [11.6-12.0]	21	3.7 [3.6-3.8]	#	#
Live in a remote area (limited transportation)	22	1.1 [1.0-1.2]	15	1.3 [1.1-1.5]	7	0.9 [0.8-0.9]	14	1.6 [1.4-1.7]	7	0.7 [0.5-1.0]	#	#
My child fears needles	134	9.5↑ [9.3-9.7]	76	9.8 [9.6-10.1]	58	9.2 [8.9-9.6]	38	5.4 [5.3-5.5]	71	13.5↑ [13.1-13.9]	25	12.6 [12.3-12.8]
I/my child had an adverse reaction to a previous vaccine	127	8.7 [8.6-8.8]	70	9.4 [9.2-9.5]	57	8.0 [7.8-8.2]	43	5.9 [5.8-6.0]	60	12.0 [11.8-12.3]	24	8.6 [8.3-8.9]
At least one parent opposed it	782	59.4 [59.1-59.6]	392	57.4 [57.0-57.8]	390	61.5↓ [61.1-61.9]	338	52.8 [52.4-53.1]	321	65.0 [64.5-65.4]	123	66.3 [65.8-66.8]
Perceived the child is too young	101	7.3 [7.1-7.4]	53	7.4 [7.2-7.5]	48	7.1 [6.8-7.5]	74	11.0 [10.9-11.1]	25	4.7 [4.4-5.1]	#	#
Other	245	18.9 [18.7-19.1]	140	20.1 [19.9-20.4]	105	17.6 [17.3-17.8]	139	22.4 [22.2-22.7]	75	15.0 [14.7-15.2]	31	18.2 [17.8-18.5]

¹ Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 8a. Percentage of parents who were reluctant or hesitant to vaccinate their children younger than 18 years against COVID-19, by province/territory, child's sex and age group, Canada, 2023^{1,2}

D12. Have you ever been reluctant or hesitant to vaccinate <<child>> against COVID-19? (n=10,919)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	4,713	43.9 [43.7-44.0]	2,439	44.7 [44.5-45.0]	2,274	43.0 [42.8-43.2]	1,476	53.1 [53.0-53.2]	1,758	44.9 [44.7-45.0]	1,479	36.1 [35.9-36.3]
Newfoundland and Labrador	171	40.2 [39.5-40.9]	82	38.5↓ [37.4-39.5]	89	42.1 [41.1-43.0]	45	52.7 [52.1-53.3]	66	38.5↑ [38.3-38.7]	60	34.6 [33.9-35.4]
Prince Edward Island	133	35.4 [34.7-36.1]	66	36.0 [34.7-37.3]	67	34.8 [34.2-35.4]	31	39.0 [38.0-40.0]	61	41.2 [40.9-41.5]	41	27.1 [26.5-27.6]
Nova Scotia	178	37.6 [36.8-38.4]	91	36.1 [35.3-36.8]	87	39.2 [37.8-40.7]	60	51.0 [50.2-51.9]	66	38.1 [37.7-38.5]	52	27.7 [27.5-28.0]
New Brunswick	221	48.0 [47.3-48.7]	110	49.0 [47.9-50.0]	111	47.0 [46.1-47.8]	69	60.8 [60.6-61.0]	79	46.1 [45.5-46.7]	73	41.9 [41.6-42.2]
Quebec	844	39.9 [39.6-40.3]	436	40.2 [39.6-40.8]	408	39.7 [39.2-40.1]	339	52.6 [52.5-52.8]	310	41.6 [41.6-41.6]	195	28.5↑ [28.5-28.6]
Ontario	1,357	44.1 [43.8-44.3]	706	45.1 [44.8-45.5]	651	43.0 [42.6-43.3]	405	53.2 [53.1-53.3]	517	46.6 [46.5-46.7]	435	34.9 [34.9-34.9]
Manitoba	209	42.8 [42.4-43.2]	113	44.3 [43.7-44.8]	96	41.3 [40.8-41.8]	63	47.8 [47.2-48.4]	69	40.4 [39.9-40.9]	77	41.8 [41.4-42.1]
Saskatchewan	231	47.7 [47.2-48.3]	111	46.6 [45.7-47.6]	120	49.0 [48.5-49.4]	70	54.8 [54.2-55.3]	75	45.0 [44.1-45.9]	86	46.1 [45.8-46.3]
Alberta	667	50.8 [50.6-51.0]	353	52.5↓ [52.4-52.6]	314	49.1 [48.8-49.4]	191	53.8 [53.7-54.0]	250	51.8 [51.7-51.8]	226	47.3 [47.0-47.6]
British Columbia	568	43.7 [43.4-44.1]	297	45.1 [44.5-45.7]	271	42.3 [41.9-42.7]	172	54.6 [54.4-54.9]	209	42.0 [41.9-42.2]	187	38.0 [38.0-38.0]
Yukon	73	39.6 [38.4-40.7]	37	38.9 [37.7-40.2]	36	40.2 [38.3-42.1]	17	46.0 [45.9-46.0]	33	43.9 [43.2-44.5]	23	29.2 [28.8-29.6]
Northwest Territories	56	32.7 [31.9-33.6]		34.9 [33.5-36.3]		30.5↑ [29.8-31.2]		38.1 [36.6-39.7]		29.9 [29.4-30.5]		32.1 [30.7-33.5]
Nunavut	5	13.5↑* [8.6-20.6]	#	#	#	#	#	#	#	#	#	#

¹ Among all parents, regardless of child's vaccination status.

² Vaccine hesitancy refers to a delay in acceptance or refusal of vaccines despite availability.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

* Moderate sampling variability, interpret with caution.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 8b. Reasons why parents were reluctant or hesitant to vaccinate their children against COVID-19, by child's sex and age group, Canada, 2023^{1,2,3}

D13. Why were you reluctant or hesitant to get a COVID-19 vaccine for <<child>>? (n=4,713)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
My child fears needles	321	6.2 [6.1-6.2]	153	5.4 [5.3-5.5]	168	7.0 [6.9-7.1]	52	3.1 [3.1-3.2]	161	8.2 [8.2-8.3]	108	6.4 [6.3-6.5]
My child is not at risk of getting COVID-19 or at risk of severe infection	641	14.0 [13.9-14.1]	351	14.7 [14.6-14.8]	290	13.2 [13.2-13.3]	228	15.8 [15.6-15.9]	234	14.1 [14.0-14.2]	179	12.0 [11.9-12.1]
I wanted to discuss COVID-19 vaccines with my child's health care practitioner	345	6.3 [6.2-6.3]	184	6.5↓ [6.4-6.5]	161	6.0 [5.9-6.1]	121	7.7 [7.6-7.8]	120	5.6 [5.5-5.7]	104	5.7 [5.6-5.8]
Concerns that not enough research on the vaccine has been done in children	3,446	72.0 [71.9-72.1]	1,724	69.3 [69.2-69.4]	1,722	74.9 [74.8-75.1]	1,064	71.1 [70.9-71.3]	1,293	72.5↓ [72.3-72.6]	1,089	72.3 [72.2-72.5]
Concerns about the effectiveness of COVID-19 vaccines	1,948	39.9 [39.8-40.0]	989	39.2 [39.0-39.3]	959	40.7 [40.5-40.9]	603	39.9 [39.6-40.1]	740	40.8 [40.6-41.0]	605	38.7 [38.5-38.9]
Concerns about the safety of COVID-19 vaccines and/or side effects	2,487	50.4 [50.1-50.6]	1,281	50.4 [50.1-50.7]	1,206	50.3 [50.0-50.6]	714	46.7 [46.3-47.1]	924	50.1 [49.8-50.4]	849	54.5↓ [54.1-54.9]
My child had a bad experience with previous vaccinations	185	3.6 [3.6-3.7]	92	3.5↓ [3.4-3.5]	93	3.8 [3.7-3.9]	34	2.1 [2.1-2.2]	86	4.6 [4.5-4.6]	65	3.8 [3.8-3.9]
Did not know where to get reliable information	450	8.6 [8.5-8.7]	221	8.2 [8.1-8.3]	229	9.1 [9.0-9.1]	101	6.3 [6.1-6.4]	168	8.7 [8.6-8.8]	181	10.9 [10.8-11.1]

Religious or philosophical reasons	294	6.4 [6.3-6.4]	161	6.6 [6.5-6.7]	133	6.2 [6.1-6.2]	93	6.6 [6.5-6.7]	97	5.8 [5.6-5.9]	104	7.0 [6.9-7.1]
Misinformation	245	5.6 [5.5-5.7]	137	6.0 [5.9-6.1]	108	5.1 [5.1-5.2]	59	4.6 [4.5-4.6]	93	5.7 [5.5-5.8]	93	6.6 [6.5-6.7]
Against vaccination or mandate	50	1.1 [1.1-1.2]	25	1.1 [1.1-1.1]	25	1.2 [1.2-1.2]	15	1.1 [1.1-1.2]	15	1.0 [0.9-1.0]	20	1.4 [1.3-1.4]
Other	278	6.1 [6.1-6.2]	159	6.6 [6.5-6.7]	119	5.6 [5.5-5.6]	97	6.7 [6.6-6.8]	102	6.1 [6.0-6.2]	79	5.5↑ [5.4-5.6]

¹ Among all parents, regardless of child's vaccination status.

² Vaccine hesitancy refers to a delay in acceptance or refusal of vaccines despite availability.

³ Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 9a. Percentage of parents who refused to vaccinate their children younger than 18 years against COVID-19, by province/territory, child's sex and age group, Canada, 2023¹

DXA. Did you refuse to get a COVID-19 vaccine for <<child>>? (n=3,442)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	1,604	48.8 [48.4-49.1]	812	47.7 [47.2-48.2]	792	50.0 [49.5-50.4]	646	35.7 [35.4-36.1]	665	60.7 [60.4-61.0]	293	70.0 [69.7-70.4]
Newfoundland and Labrador	41	36.2 [34.7-37.7]	22	39.9 [38.9-41.0]	19	32.5↓ [30.1-35.0]	16	27.3 [25.9-28.8]	21	51.5↓ [50.9-52.1]	#	#
Prince Edward Island	38	35.2 [33.8-36.5]	18	33.2 [31.1-35.3]	20	37.2 [35.4-39.0]	10	22.0 [21.1-22.9]	19	46.3 [46.0-46.7]	#	#
Nova Scotia	41	35.7 [35.1-36.4]	24	37.7 [36.4-38.9]	17	33.7 [33.1-34.3]	24	31.2 [31.1-31.2]	13	43.1 [42.6-43.6]	#	#
New Brunswick	61	38.1 [37.2-39.1]	27	34.8 [33.9-35.8]	34	41.9 [40.4-43.5]	28	30.5↓ [30.2-30.7]	23	41.7 [40.9-42.4]	#	#
Quebec	225	33.4 [32.8-34.0]	108	31.0 [30.2-31.8]	117	36.0 [35.0-36.9]	109	22.3 [22.2-22.5]	86	47.0 [46.7-47.2]	30	63.9 [63.8-64.0]
Ontario	475	51.2 [50.7-51.7]	244	50.8 [50.1-51.6]	231	51.6 [51.1-52.2]	195	39.6 [39.4-39.8]	199	63.2 [63.2-63.2]	81	66.0 [65.5-66.5]
Manitoba	74	47.3 [46.2-48.4]	40	46.6 [45.3-47.9]	34	48.1 [46.3-49.8]	31	36.8 [36.6-37.0]	27	56.2 [55.6-56.8]	#	#
Saskatchewan	88	57.3 [55.6-58.9]	43	56.5↑ [55.4-57.6]	45	58.0 [54.9-61.0]	32	41.3 [40.0-42.6]	38	70.2 [69.3-71.1]	#	#
Alberta	306	60.8 [59.9-61.6]	153	59.8 [58.4-61.2]	153	61.8 [60.8-62.8]	104	44.6 [44.2-45.0]	130	70.3 [70.1-70.4]	72	80.9 [80.8-80.9]
British Columbia	214	57.2 [56.4-58.0]	115	55.5↓ [54.3-56.7]	99	59.3 [58.4-60.3]	80	44.4 [44.0-44.8]	89	66.5↓ [66.3-66.6]	45	76.3 [76.1-76.5]
Yukon	25	43.0 [41.1-44.9]	#	#	14	44.5↓ [42.9-46.0]	#	#	#	#	#	#
Northwest Territories		37.4 [34.7-40.2]	#	#	#	#	#	#	#	#	#	#
Nunavut	#	#	#	#	#	#	#	#	#	#	#	#

¹ Among children who were not vaccinated.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 9b. Reasons why parents refused to vaccinate children against COVID-19, by child's sex and age group, Canada, 2023^{1,2}

DXB. Why did you refuse a COVID-19 vaccine for <<child>>? (n=1,604)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Do not consider it necessary for my child	1,036	64.1 [64.0-64.3]	510	62.3 [62.1-62.5]	526	66.0 [65.8-66.2]	414	63.6 [63.3-63.9]	432	64.3 [64.1-64.4]	190	64.8 [64.5-65.1]
Do not think the vaccine is safe/concerned about side effects	1,177	72.9 [72.7-73.1]	571	69.8 [69.6-70.0]	606	76.1 [75.8-76.4]	449	69.5↑ [69.2-69.8]	496	74.0 [73.8-74.2]	232	77.6 [77.3-78.0]
Do not think the vaccine was effective	865	53.5↓ [53.3-53.7]	427	52.4 [52.2-52.7]	438	54.5↑ [54.2-54.9]	315	48.1 [47.8-48.5]	377	55.9 [55.6-56.1]	173	59.2 [58.7-59.7]
Religious or philosophical reasons	216	13.8 [13.7-13.9]	120	15.0 [14.8-15.2]	96	12.6 [12.4-12.8]	68	11.4 [11.2-11.6]	87	13.3 [13.1-13.5]	61	20.6 [20.2-21.0]
Lack of trust in the government and/or pharmaceutical companies	925	57.0 [56.7-57.2]	466	57.2 [56.9-57.5]	459	56.7 [56.4-57.0]	331	51.3 [51.0-51.6]	390	57.6 [57.3-57.9]	204	68.2 [67.8-68.6]
I am opposed to COVID-19 vaccines	556	34.5↓ [34.3-34.7]	279	35.0 [34.8-35.3]	277	33.9 [33.7-34.2]	190	30.1 [29.9-30.4]	221	32.9 [32.6-33.2]	145	48.6 [48.2-49.1]
My child has a medical exemption	25	1.6 [1.6-1.7]	13	1.6 [1.5-1.7]	12	1.6 [1.6-1.7]	#	#	#	#	8	2.7 [2.7-2.8]
Other	88	5.5↑ [5.4-5.6]	50	6.4 [6.3-6.6]	38	4.6 [4.5-4.7]	34	5.0 [4.9-5.2]	31	5.1 [4.9-5.2]	23	7.9 [7.7-8.0]

¹ Multiple response options could be selected by respondents.

² Among children who were not vaccinated.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 10a. Percentage of children younger than 18 years that received a COVID-19 booster dose, by child's sex and age group, Canada, 2023

DXX. Did <<child>> receive a COVID-19 booster dose? (n=6,433)												
	Overall		Males		Females		0-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	3,228	48.6 [48.4-48.9]	1,594	46.9 [46.7-47.2]	1,634	50.4 [50.0-50.8]	N/A	N/A	1,239	42.8 [42.5-43.1]	1,989	54.0 [53.7-54.2]
No	3,205	51.4 [51.1-51.6]	1,680	53.1 [52.8-53.3]	1,525	49.6 [49.2-50.0]	N/A	N/A	1,555	57.2 [56.9-57.5]	1,650	46.0 [45.8-46.3]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

N/A: Children below 5 years were not eligible to receive a booster dose of COVID-19 at time of data collection.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 10b. Parental intention to vaccinate their children with a COVID-19 booster dose, among children younger than 18 years who have not received booster dose, by child's sex and age group, Canada, 2023

DXXI. In the future, how likely is it that <<child>> will get a COVID-19 booster dose? (n=3,324)												
	Overall		Parents of males		Parents of females		Parents of 0-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Definitely will	272	7.7 [7.6-7.8]	148	8.0 [7.9-8.1]	124	7.4 [7.3-7.5]	N/A	N/A	173	9.5↑ [9.4-9.7]	99	5.6 [5.6-5.7]
Probably will	795	23.9 [23.8-24.0]	420	24.1 [23.9-24.4]	375	23.6 [23.4-23.8]	N/A	N/A	448	27.3 [27.1-27.5]	347	20.0 [19.9-20.1]
Probably won't	1,141	34.1 [33.9-34.2]	594	33.7 [33.5-33.9]	547	34.5↓ [34.3-34.6]	N/A	N/A	519	32.0 [31.8-32.2]	622	36.4 [36.3-36.5]

Definitely won't	597	17.6 [17.5-17.7]	316	17.9 [17.8-18.1]	281	17.3 [17.1-17.5]	N/A	N/A	213	13.4 [13.3-13.5]	384	22.4 [22.3-22.5]
Don't know	519	16.7 [16.7-16.8]	264	16.2 [16.1-16.4]	255	17.3 [17.2-17.4]	N/A	N/A	266	17.8 [17.7-17.9]	253	15.5↑ [15.4-15.6]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

N/A: Children below 5 years were not eligible to receive a booster dose of COVID-19 at time of data collection.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 10c. Parental intention to vaccinate their children with a COVID-19 booster dose once they become eligible, by child's sex and age group, Canada, 2023

DX XII. In the future, when <<child>> becomes eligible for a COVID-19 booster dose, how likely will you get <<child>> vaccinated? (n=3,021)								
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Definitely will	631	20.5↓ [20.3-20.6]	318	19.9 [19.7-20.1]	313	21.1 [20.8-21.3]	631	20.5↓ [20.3-20.6]
Probably will	706	22.2 [22.1-22.4]	345	21.8 [21.7-22.0]	361	22.6 [22.4-22.9]	706	22.2 [22.1-22.4]
Probably won't	680	22.8 [22.6-23.0]	364	23.7 [23.4-23.9]	316	21.8 [21.6-22.1]	680	22.8 [22.6-23.0]
Definitely won't	734	25.2 [25.1-25.3]	368	24.9 [24.7-25.1]	366	25.5↑ [25.4-25.7]	734	25.2 [25.1-25.3]
Don't know	270	9.3 [9.3-9.4]	142	9.7 [9.7-9.8]	128	8.9 [8.9-9.0]	270	9.3 [9.3-9.4]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 11. Percentage of parents of children younger than 18 years, who had seen any COVID-19 awareness campaigns for children and adolescents, by child's sex and age group, Canada, 2023

DXXIII. Have you seen any COVID-19 vaccination awareness campaigns for children and adolescents? (n=10,334)												
	Overall		Parents of males		Parents of females		Parents of 0-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	6,294	62.3 [62.2-62.5]	3,202	61.6 [61.4-61.9]	3,092	63.1 [62.8-63.4]	1,551	55.6 [55.3-55.9]	2,378	65.1 [64.8-65.4]	2,365	64.3 [64.1-64.6]
No	4,040	37.7 [37.5-37.8]	2,100	38.4 [38.1-38.6]	1,940	36.9 [36.6-37.2]	1,279	44.4 [44.1-44.7]	1,339	34.9 [34.6-35.2]	1,422	35.7 [35.4-35.9]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 12. Frequency of children receiving a flu vaccination prior to the 2022-2023 flu season, by child's sex and age group, Canada, 2023

D14. Prior to the 2022-2023 flu season, how often did <<child>> receive their flu vaccine? (n=10,778)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Every flu season	2,802	25.2 [25.0-25.4]	1,410	24.6 [24.4-24.8]	1,392	25.8 [25.6-26.1]	947	33.9 [33.7-34.2]	1,076	26.0 [25.8-26.2]	779	18.0 [17.9-18.1]
Most flu seasons	1,570	14.1 [14.0-14.2]	814	14.5↓ [14.3-14.6]	756	13.7 [13.6-13.9]	257	9.2 [9.1-9.3]	646	15.6 [15.5-15.8]	667	15.9 [15.7-16.1]
Some flu seasons (including once only)	2,151	19.3 [19.2-19.4]	1,076	18.9 [18.8-19.1]	1,075	19.6 [19.5-19.8]	351	12.2 [12.1-12.3]	765	19.3 [19.2-19.4]	1,035	24.3 [24.2-24.4]
Never	4,255	41.4 [41.2-41.6]	2,213	42.0 [41.8-42.3]	2,042	40.8 [40.5-41.0]	1,199	44.7 [44.5-45.0]	1,464	39.1 [38.8-39.4]	1,592	41.8 [41.5-42.1]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 13. Flu vaccination coverage during the 2022-2023 flu season among children, by child's sex and age group, Canada, 2023

D15. Did <<child>> receive a flu vaccine this flu season, between September 2022 and March 2023? (n=10,937)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	3,933	34.5↓ [34.2-34.7]	1,987	33.9 [33.6-34.2]	1,946	35.1 [34.7-35.4]	1,190	41.4 [41.0-41.8]	1,497	35.5↓ [35.1-35.9]	1,246	28.3 [28.0-28.5]
No	7,004	65.5↑ [65.3-65.8]	3,609	66.1 [65.8-66.4]	3,395	64.9 [64.6-65.3]	1,644	58.6 [58.2-59.0]	2,508	64.5↑ [64.1-64.9]	2,852	71.7 [71.5-72.0]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 14. Flu vaccination coverage during the 2022-2023 flu season among children, by province/territory, child's sex and age group, Canada, 2023

D15. Did <<child>> receive a flu vaccine this flu season, between September 2022 and March 2023? (n=10,937)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	3,933	34.5↓ [34.2-34.7]	1,987	33.9 [33.6-34.2]	1,946	35.1 [34.7-35.4]	1,190	41.4 [41.0-41.8]	1,497	35.5↓ [35.1-35.9]	1,246	28.3 [28.0-28.5]
Newfoundland and Labrador	185	43.3 [43.1-43.6]	94	43.7 [43.3-44.0]	91	43.0 [42.6-43.4]	39	46.0 [45.7-46.4]	77	44.6 [44.3-44.7]	69	40.4 [40.3-40.6]
Prince Edward Island	176	46.5↑ [45.5-47.6]	96	49.5↑ [48.4-50.6]	80	43.4 [41.6-45.2]	47	58.3 [56.7-59.9]	76	50.6 [50.0-51.2]	53	35.5↓ [34.2-36.8]
Nova Scotia	233	49.4 [48.9-49.9]	115	47.3 [47.1-47.5]	118	51.7 [50.8-52.6]	63	55.2 [54.0-56.4]	86	50.1 [49.9-50.4]	84	44.7 [44.7-44.8]
New Brunswick	151	32.3 [31.2-33.5]	69	30.5↑ [28.8-32.2]	82	34.2 [32.9-35.6]	57	51.5↓ [51.0-52.0]	54	30.6 [29.6-31.7]	40	22.2 [22.1-22.4]
Quebec	342	16.0 [15.8-16.1]	165	14.8 [14.6-15.0]	177	17.2 [17.0-17.3]	138	21.0 [20.9-21.1]	119	15.8 [15.6-15.9]	85	12.5↓ [12.4-12.6]
Ontario	1,161	37.4 [37.2-37.6]	597	38.0 [37.7-38.3]	564	36.8 [36.6-37.0]	343	44.5↓ [44.4-44.6]	431	38.5↓ [38.4-38.5]	387	31.2 [31.1-31.2]
Manitoba	189	39.5↑ [39.0-40.1]	96	37.9 [37.3-38.4]	93	41.3 [40.4-42.2]	61	47.7 [46.7-48.8]	68	39.8 [39.6-40.0]	60	32.8 [32.4-33.1]
Saskatchewan	189	39.5↑ [38.8-40.3]	104	44.6 [43.9-45.2]	85	34.3 [33.4-35.3]	61	47.7 [47.6-47.8]	63	38.2 [36.7-39.8]	65	35.2 [34.9-35.5]
Alberta	518	39.6 [39.2-40.0]	251	37.3 [36.9-37.6]	267	42.1 [41.4-42.8]	172	48.5↓ [47.9-49.1]	198	41.2 [40.9-41.4]	148	31.0 [30.9-31.1]
British Columbia	596	46.4 [46.0-46.8]	289	43.7 [43.2-44.2]	307	49.3 [48.6-49.9]	167	51.9 [51.4-52.5]	254	51.8 [51.6-51.9]	175	36.2 [36.0-36.4]
Yukon	89	47.1 [46.3-47.9]	49	50.8 [50.4-51.2]	40	43.1 [42.3-43.9]	18	48.8 [47.3-50.3]	33	44.4 [43.2-45.5]	38	49.4 [49.0-49.9]
Northwest Territories	92	55.2 [54.2-56.2]	52	56.7 [55.8-57.7]		53.6 [51.9-55.2]		61.0 [60.1-61.8]		50.7 [49.3-52.0]		56.1 [55.0-57.2]
Nunavut	12	33.8* [23.6-45.7]	10	54.6 [46.6-62.4]	#	#	#	#	#	#	#	#

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

* Moderate sampling variability, interpret with caution.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

7,004 respondents indicated they were not vaccinated against the flu.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 15. Parental reasons for getting their children vaccinated against the flu during the 2022-2023 flu season, by child's sex and age group, Canada, 2023¹

D19. Why did <<child>> receive a flu vaccine this flu season? (n=3,933)

	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
To protect themselves and/or household members from the flu	2,867	71.8 [71.7-71.9]	1,466	72.8 [72.6-72.9]	1,401	70.8 [70.6-71.0]	864	71.5↓ [71.2-71.7]	1,119	73.5↑ [73.4-73.7]	884	69.6 [69.4-69.8]
It was offered at the same time when my child was getting a COVID-19 vaccine	740	17.3 [17.1-17.5]	371	16.4 [16.1-16.7]	369	18.3 [18.0-18.6]	167	13.4 [13.1-13.7]	274	16.3 [16.0-16.6]	299	23.0 [22.7-23.4]
Based on public health recommendations	2,025	49.3 [49.1-49.4]	1,003	48.7 [48.4-48.9]	1,022	49.9 [49.6-50.1]	598	48.3 [48.0-48.6]	768	48.8 [48.6-49.0]	659	50.9 [50.6-51.3]
To prevent the spread of the flu in my community	2,249	55.4 [55.3-55.6]	1,141	56.0 [55.8-56.3]	1,108	54.8 [54.6-55.0]	666	54.3 [53.9-54.6]	870	56.1 [55.8-56.3]	713	55.7 [55.4-55.9]
The flu vaccine was recommended by a health care professional	1,275	30.6 [30.4-30.8]	658	31.2 [30.9-31.6]	617	30.0 [29.7-30.3]	496	40.4 [40.0-40.8]	431	26.8 [26.6-27.1]	348	25.8 [25.5-26.0]
The flu vaccine is available and free	1,934	46.7 [46.6-46.8]	966	46.4 [46.2-46.6]	968	47.0 [46.8-47.2]	585	46.9 [46.7-47.1]	757	47.8 [47.5-48.0]	592	45.0 [44.8-45.1]
Increased concerns about flu because of the COVID-19 pandemic	1,144	28.8 [28.7-29.0]	576	28.5↓ [28.3-28.7]	568	29.2 [29.0-29.4]	294	24.8 [24.6-25.0]	463	30.4 [30.1-30.6]	387	30.8 [30.5-31.0]
My child receives it every year	2,114	52.3 [52.1-52.5]	1,064	51.9 [51.7-52.1]	1,050	52.7 [52.5-52.9]	655	54.1 [53.8-54.4]	824	52.7 [52.5-52.9]	635	49.9 [49.6-50.1]
Other	66	1.8 [1.7-1.8]	37	2.0 [1.9-2.0]	29	1.5↑ [1.5-1.6]	23	2.1 [2.1-2.2]	16	1.2 [1.2-1.3]	27	2.2 [2.1-2.2]

¹ Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 16. Obstacles that prevented parents from vaccinating their children against the flu during the 2022-2023 flu season among unvaccinated children, by child's sex and age group, Canada, 2023¹

D20. Did any obstacles prevent <<child>> from getting the flu vaccine this flu season? (n=7,001)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
No obstacles	5,320	77.3 [77.2-77.5]	2,777	79.0 [78.7-79.2]	2,543	75.6 [75.3-75.8]	1,272	77.6 [77.3-77.9]	1,825	74.9 [74.6-75.2]	2,223	79.7 [74.6-75.2]
Yes, encountered obstacles	1,681	22.7 [22.5-22.8]	825	21.0 [20.8-21.3]	856	24.4 [24.2-24.7]	368	22.4 [22.1-22.7]	671	25.1 [24.8-25.4]	642	20.3 [20.0-20.6]
Various obstacles among those that encountered obstacles¹												
Difficulty to book time off work/ school for a vaccine appointment	581	35.7 [35.5-35.9]	281	35.6 [35.3-36.0]	300	35.8 [35.5-36.0]	132	35.3 [35.1-35.6]	243	37.1 [36.7-37.5]	206	34.2 [34.0-34.4]
At least one parent opposed it	457	26.3 [26.1-26.5]	234	27.4 [27.1-27.7]	223	25.3 [25.0-25.6]	118	32.7 [32.4-33.1]	187	27.4 [27.1-27.7]	152	20.7 [20.4-21.0]
Living in a remote area (limited transportation)	46	2.0 [1.9-2.1]	21	1.8 [1.7-1.9]	25	2.2 [2.0-2.5]	12	2.4 [2.3-2.6]	16	1.8 [1.7-1.9]	18	2.1 [1.8-2.4]
I/my child had an adverse reaction to a previous vaccine	170	8.5↑ [8.4-8.6]	89	9.1 [9.0-9.3]	81	7.9 [7.8-8.1]	32	8.7 [8.6-8.9]	60	7.8 [7.7-8.0]	78	9.3 [9.0-9.5]
My child fears needles	429	25.2 [25.0-25.5]	188	21.5↑ [21.3-21.8]	241	28.6 [28.3-29.0]	42	11.2 [10.9-11.4]	214	31.0 [30.7-31.3]	173	26.9 [26.6-27.2]
Was sick at appointment time or before	76	4.6 [4.5-4.6]	41	5.1 [5.0-5.2]	35	4.0 [4.0-4.1]	27	7.3 [7.1-7.5]	26	3.8 [3.7-3.9]	23	3.7 [3.7-3.8]
Other	197	12.2 [12.1-12.4]	95	12.7 [12.5-12.8]	102	11.8 [11.6-12.1]	52	13.6 [13.4-13.8]	61	9.6 [9.3-9.8]	84	14.8 [14.5-15.0]

¹ Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 17a. Percentage of parents who were reluctant or hesitant to vaccinate their children against the flu during the 2022-2023 flu season, by province/territory, by child's sex and age group, Canada, 2023^{1,2}

D21. Were you reluctant or hesitant to vaccinate <<child>> against the flu during this flu season? (n=10,724)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	2,978	29.0 [28.9-29.1]	1,566	29.9 [29.7-30.0]	1,412	28.0 [27.9-28.1]	731	27.1 [27.0-27.2]	1,105	29.8 [29.6-29.9]	1,142	29.4 [29.3-29.5]
Newfoundland and Labrador	100	23.4 [23.1-23.6]	53	24.3 [23.9-24.8]	47	22.3 [22.2-22.4]	17	19.9 [19.7-20.1]	43	25.3 [24.9-25.7]	40	23.4 [23.4-23.5]
Prince Edward Island	67	17.7 [17.1-18.3]	30	16.5 [↑] [16.3-16.7]	37	18.9 [17.8-20.0]	11	13.9 [13.9-13.9]	22	15.1 [14.6-15.5]	34	22.8 [21.8-23.8]
Nova Scotia	78	16.5 [↑] [16.4-16.7]	42	16.9 [16.8-17.1]	36	16.1 [15.8-16.3]	22	19.0 [18.9-19.1]	27	15.7 [15.6-15.7]	29	15.8 [15.6-15.9]
New Brunswick	132	29.1 [28.7-29.5]	70	30.7 [30.3-31.1]	62	27.4 [26.7-28.1]	27	24.4 [24.1-24.7]	49	29.0 [28.3-29.7]	56	32.2 [31.9-32.4]
Quebec	651	32.5 [↑] [32.4-32.7]	341	33.4 [33.1-33.7]	310	31.6 [31.6-31.7]	191	29.5 [↑] [29.4-29.6]	260	36.1 [35.9-36.4]	200	30.5 [↓] [30.4-30.5]
Ontario	881	28.9 [28.9-29.0]	464	29.7 [29.7-29.8]	417	28.1 [28.0-28.1]	218	28.8 [28.8-28.8]	321	29.6 [29.6-29.7]	342	28.3 [28.2-28.4]
Manitoba	125	26.2 [25.9-26.5]	63	24.8 [24.7-25.0]	62	27.6 [27.2-28.1]	29	23.1 [22.7-23.4]	43	25.9 [25.5-26.2]	53	29.0 [28.6-29.4]
Saskatchewan	128	26.2 [25.7-26.7]	61	25.5 [↓] [24.7-26.2]	67	27.0 [26.3-27.7]	38	29.8 [29.1-30.5]	33	20.5 [↓] [20.2-20.7]	57	30.5 [↓] [30.0-31.0]
Alberta	391	30.1 [29.9-30.4]	215	32.2 [31.9-32.6]	176	27.9 [27.7-28.1]	83	23.5 [↑] [23.5-23.6]	150	31.5 [↑] [31.3-31.7]	158	33.5 [↑] [33.2-33.8]
British Columbia	346	26.9 [26.8-27.0]	183	28.1 [27.9-28.3]	163	25.7 [25.5-25.8]	81	25.6 [25.4-25.7]	122	25.0 [24.9-25.1]	143	30.0 [29.9-30.1]
Yukon	47	25.6 [25.0-26.3]	24	25.2 [25.2-25.3]	23	26.1 [24.8-27.3]	10	26.6 [26.1-27.1]	20	27.9 [27.2-28.7]	17	21.9 [21.0-22.9]
Northwest Territories		16.7 [15.5-17.9]		18.3 [17.5-19.1]		15.0 [13.0-17.3]	#	#		20.5 [↓] [19.2-21.8]		15.2 [13.1-17.5]
Nunavut	#	#	#	#	#	#	#	#	#	#	#	#

¹ Among all parents, regardless of child's vaccination status.

² Vaccine hesitancy refers to a delay in acceptance or refusal of vaccines despite availability.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 17b. Reasons why parents were reluctant or hesitant to vaccinate their children against the flu, by child's sex and age group, Canada, 2023^{1,2,3}

D23. Why were you reluctant or hesitant to get the flu vaccine for <<child>>? (n=2,978)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
My child fears needles	213	6.6 [6.5-6.6]	104	6.0 [5.9-6.1]	109	7.2 [7.1-7.3]	33	4.6 [4.5-4.7]	99	7.8 [7.7-7.9]	81	6.5↓ [6.4-6.6]
My child is not at risk of getting the flu or at risk of severe infection	1,131	39.3 [39.1-39.5]	593	39.4 [39.1-39.7]	538	39.2 [38.9-39.5]	260	35.1 [34.8-35.5]	420	40.1 [39.8-40.4]	451	41.3 [40.9-41.7]
I wanted to first discuss the flu vaccine with my child's health care practitioner	119	3.3 [3.2-3.3]	66	3.4 [3.3-3.5]	53	3.1 [3.0-3.3]	41	5.3 [5.2-5.3]	34	2.4 [2.3-2.5]	44	3.0 [2.8-3.1]
I was concerned about the effectiveness of the flu vaccine	1,250	41.3 [41.1-41.4]	617	38.5↓ [38.3-38.7]	633	44.4 [44.2-44.6]	327	45.1 [44.8-45.3]	462	40.7 [40.5-41.0]	461	39.3 [39.1-39.7]
I had concerns about the safety of the flu vaccine	851	27.0 [26.8-27.2]	445	26.6 [26.3-26.9]	406	27.4 [27.2-27.7]	234	32.1 [31.8-32.4]	302	25.5↓ [25.2-25.8]	315	25.4 [25.1-25.7]
My child had a bad experience with previous vaccines	159	4.8 [4.7-4.8]	84	4.8 [4.7-4.9]	75	4.8 [4.7-4.9]	29	4.0 [4.0-4.1]	62	4.9 [4.8-5.0]	68	5.1 [5.1-5.2]
I did not know where to get reliable information	132	4.0 [4.0-4.1]	61	3.4 [3.4-3.5]	71	4.7 [4.7-4.8]	34	4.6 [4.5-4.7]	48	4.0 [3.9-4.0]	50	3.8 [3.7-3.8]
Religious or philosophical reasons	180	5.9 [5.8-6.0]	97	5.8 [5.7-5.9]	83	6.1 [5.9-6.2]	54	7.8 [7.7-7.9]	58	5.1 [5.0-5.3]	68	5.6 [5.5-5.7]
Misinformation	125	4.2 [4.1-4.2]	65	4.1 [4.1-4.2]	60	4.2 [4.2-4.3]	31	4.3 [4.2-4.4]	38	3.7 [3.6-3.8]	56	4.6 [4.6-4.7]
Against vaccination or mandate	64	2.1 [2.0-2.1]	29	1.8 [1.8-1.9]	35	2.4 [2.3-2.5]	15	2.2 [2.1-2.2]	23	2.1 [2.0-2.2]	26	2.1 [2.0-2.1]

Other	275	9.1 [9.0-9.1]	143	8.9 [8.8-9.0]	132	9.3 [9.2-9.4]	70	9.3 [9.2-9.5]	96	8.6 [8.5-8.6]	109	9.5↑ [9.4-9.6]
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¹ Among all parents, regardless of child's vaccination status.

² Vaccine hesitancy refers to a delay in acceptance or refusal of vaccines despite availability.

³ Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 18a. Percentage of parents who refused to vaccinate their children against the flu during the 2022-2023 flu season, by province/territory, child's sex and age group, Canada, 2023¹

D22. Did you refuse to get the flu vaccine for <<child>>, during this flu season? (n=6,837)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	2,524	38.3 [38.1-38.4]	1,308	38.6 [38.3-38.8]	1,216	37.9 [37.7-38.1]	574	37.0 [36.6-37.4]	975	41.7 [41.4-41.9]	975	35.6 [35.4-35.7]
Newfoundland and Labrador	80	34.4 [33.6-35.3]	39	33.4 [32.7-34.0]	41	35.6 [34.0-37.1]	13	29.8 [28.8-30.8]	37	40.7 [39.6-41.8]	30	30.8 [29.6-31.8]
Prince Edward Island	45	22.1 [21.6-22.7]	17	18.5↓ [18.4-18.5]	28	25.3 [24.4-26.3]	9	26.0 [25.0-27.0]	18	25.0 [23.9-26.0]	18	18.3 [18.3-18.4]
Nova Scotia	55	22.6 [22.3-22.8]	30	22.7 [22.3-23.1]	25	22.5↑ [22.2-22.8]	12	21.5↓ [21.0-22.0]	22	25.0 [24.9-25.0]	21	20.7 [20.4-21.0]
New Brunswick	116	37.5↑ [37.1-37.9]	57	35.0 [34.6-35.4]	59	40.3 [39.8-40.8]	19	33.1 [32.4-33.9]	40	35.0 [34.8-35.2]	57	41.5↑ [41.1-41.9]
Quebec	531	32.0 [31.8-32.1]	260	30.3 [30.1-30.6]	271	33.7 [33.5-33.9]	128	24.9 [24.7-25.1]	211	35.0 [35.0-35.0]	192	33.3 [33.1-33.5]
Ontario	766	40.9 [40.7-41.0]	408	42.6 [42.4-42.9]	358	39.0 [38.8-39.2]	180	43.1 [43.0-43.2]	297	45.6 [45.5-45.7]	289	34.9 [34.8-35.0]
Manitoba	111	39.3 [38.7-40.0]	59	36.9 [36.6-37.2]	52	42.3 [41.1-43.4]	24	36.6 [36.0-37.3]	44	45.2 [44.1-46.4]	43	34.7 [34.6-34.9]
Saskatchewan	121	41.0 [40.5-41.6]	57	42.3 [41.4-43.2]	64	39.9 [39.4-40.5]	33	47.4 [46.1-48.7]	37	36.3 [36.3-36.3]	51	42.7 [42.4-43.1]
Alberta	362	46.4 [46.0-46.7]	191	46.1 [45.7-46.4]	171	46.7 [46.2-47.2]	82	44.7 [43.9-45.5]	143	51.4 [51.4-51.5]	137	42.1 [41.8-42.4]
British Columbia	277	40.1 [39.9-40.4]	156	42.8 [42.5-43.1]	121	37.1 [37.0-37.3]	67	44.4 [43.9-45.0]	96	41.7 [41.5-41.9]	114	36.6 [36.4-36.7]
Yukon	35	36.3 [34.6-38.0]	20	40.6 [39.5-41.7]	15	32.2 [29.2-35.4]	#	#	17	43.2 [42.2-44.2]	14	36.3 [33.7-39.0]
Northwest Territories		29.8 [27.3-32.5]		31.0 [29.3-32.8]		28.7 [24.4-33.5]	#	#		34.9 [32.4-37.5]		27.8 [26.4-29.3]
Nunavut	#	#	#	#	#	#	#	#	#	#	#	#

¹ Only asked of those who were not vaccinated.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 18b. Reasons why parents refused to vaccinate their children against the flu during the 2022-2023 flu season, by child's sex and age group, Canada, 2023^{1,2}

DX3. Why did you refuse the flu vaccine for <<child>> this season? (n=2,524)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
My child is not at risk of getting the flu	312	12.4 [12.3-12.5]	151	11.4 [11.3-11.5]	161	13.5↓ [13.4-13.6]	66	11.2 [11.0-11.3]	118	11.8 [11.7-11.9]	128	13.9 [13.8-14.1]
Concerns about the safety/side effects of the flu vaccine	804	30.6 [30.3-30.8]	411	30.7 [30.3-31.0]	393	30.4 [30.1-30.8]	218	37.9 [37.5-38.3]	307	29.2 [28.9-29.6]	279	27.5↑ [27.1-28.0]
Concerns about receiving a COVID-19 and flu vaccine at the same time	279	10.2 [10.1-10.3]	144	10.0 [9.8-10.2]	135	10.5↑ [10.4-10.6]	61	10.3 [10.1-10.5]	119	11.2 [11.1-11.3]	99	9.0 [8.9-9.2]
Religious or philosophical reasons	159	6.6 [6.5-6.7]	85	6.7 [6.6-6.8]	74	6.5↑ [6.4-6.7]	46	8.8 [8.6-8.9]	63	6.8 [6.6-6.9]	50	5.1 [5.0-5.2]
The flu vaccine does not work	573	22.7 [22.6-22.9]	285	21.5↑ [21.3-21.7]	288	24.0 [23.8-24.3]	149	26.6 [26.3-26.8]	223	22.8 [22.6-23.0]	201	20.2 [20.0-20.5]
Did not consider it necessary for my child	1,776	70.3 [70.2-70.4]	903	69.3 [69.2-69.5]	873	71.4 [71.3-71.5]	404	70.4 [70.3-70.6]	702	71.8 [71.6-71.9]	670	68.5↑ [68.4-68.7]
Opposed to vaccine	19	0.9 [0.8-0.9]	8	0.6 [0.6-0.7]	11	1.1 [1.1-1.2]	#	#	14	1.6 [1.5-1.6]	#	#
Other	174	6.8 [6.7-6.9]	93	6.9 [6.8-7.0]	81	6.6 [6.6-6.7]	31	5.1 [4.9-5.3]	62	6.5↑ [6.4-6.6]	81	8.2 [8.1-8.3]

¹ Multiple response options could be selected by respondents.

² Only asked of those who were not vaccinated.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 19. Impact of the COVID-19 pandemic on parents' decision to vaccinate children against the flu, during the 2022-2023 flu season, by child's sex and age group, Canada, 2023

D24. Did the COVID-19 pandemic affect your decision to get <<child>> vaccinated against the flu during this flu season? (n=10,922)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes, it motivated me to get my child vaccinated against the flu	1,242	11.6 [11.6-11.7]	626	11.5↓ [11.4-11.5]	616	11.8 [11.7-12.0]	330	12.4 [12.3-12.5]	461	11.8 [11.7-11.9]	451	10.9 [10.8-11.1]
Yes, it made me not want to get my child vaccinated against the flu	918	8.4 [8.3-8.4]	466	8.3 [8.2-8.4]	452	8.5↓ [8.4-8.5]	219	8.1 [8.0-8.2]	339	8.4 [8.3-8.5]	360	8.6 [8.6-8.7]
No, it did not impact my decision	8,762	80.0 [79.9-80.1]	4,490	80.2 [80.1-80.4]	4,272	79.7 [79.5-79.8]	2,281	79.5↑ [79.4-79.6]	3,188	79.8 [79.7-80.0]	3,293	80.4 [80.3-80.6]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 20a. Parental intention to vaccinate their children against the flu, during the next flu season (2023-2024 season), by child's sex and age group, Canada, 2023

D18. How likely are you to get <<child>> vaccinated against the flu in the next flu season, as of September 1, 2023? (n=11,175)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Definitely will	2,917	24.8 [24.6-25.0]	1,451	24.1 [23.8-24.4]	1,466	25.5↓ [25.2-25.8]	924	31.2 [30.9-31.6]	1,082	24.7 [24.4-24.9]	911	20.2 [20.0-20.4]
Probably will	2,927	25.5↓ [25.4-25.6]	1,491	25.3 [25.2-25.5]	1,436	25.6 [25.4-25.7]	800	26.6 [26.5-26.7]	1,099	26.3 [26.1-26.4]	1,028	23.7 [23.5-23.8]
Probably won't	2,638	24.2 [24.0-24.3]	1,354	24.5↓ [24.2-24.7]	1,284	23.9 [23.6-24.1]	547	18.9 [18.6-19.1]	957	24.2 [24.0-24.5]	1,134	28.0 [27.7-28.2]
Definitely won't	1,875	17.9 [17.8-18.0]	968	18.2 [18.1-18.3]	907	17.5↑ [17.4-17.7]	462	16.7 [16.6-16.8]	660	17.4 [17.3-17.6]	753	19.3 [19.2-19.5]
Don't know	818	7.7 [7.7-7.7]	434	7.8 [7.8-7.9]	384	7.5↑ [7.5-7.6]	183	6.6 [6.5-6.6]	284	7.4 [7.3-7.4]	351	8.9 [8.8-8.9]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 20b. Parental intention to vaccinate their children against the flu, during the next flu season (2023-2024 season), by province/territory, Canada, 2023

D18. How likely are you to get <<child>> vaccinated against the flu in the next flu season, as of September 1, 2023? (n=11,175)										
	Definitely will		Probably will		Probably won't		Definitely won't		Don't know	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	2,917	24.8 [24.6-25.0]	2,927	25.5↓ [25.4-25.6]	2,638	24.2 [24.0-24.3]	1,875	17.9 [17.8-18.0]	818	7.7 [7.7-7.7]

Newfoundland and Labrador	147	34.6 [33.8-35.3]	135	31.1 [30.3-31.9]	97	22.3 [21.6-22.9]	35	8.0 [7.8-8.2]	18	4.1 [3.9-4.2]
Prince Edward Island	144	37.6 [36.7-38.5]	113	29.4 [29.1-29.7]	79	19.9 [19.1-20.7]	35	8.9 [8.6-9.2]	16	4.2 [4.0-4.5]
Nova Scotia	192	39.3 [38.8-39.8]	151	31.3 [31.0-31.7]	73	15.0 [14.6-15.4]	42	8.3 [8.0-8.7]	30	6.0 [5.8-6.3]
New Brunswick	122	25.7 [25.0-26.5]	116	24.3 [24.1-24.5]	128	26.6 [26.0-27.2]	74	15.5↑ [15.2-15.9]	37	7.9 [7.6-8.1]
Quebec	224	10.3 [10.2-10.4]	440	20.4 [20.2-20.5]	774	36.9 [36.7-37.1]	502	24.0 [23.9-24.2]	179	8.4 [8.3-8.4]
Ontario	851	26.9 [26.7-27.0]	870	27.3 [27.2-27.3]	711	22.1 [22.0-22.2]	509	15.9 [15.8-15.9]	252	7.9 [7.8-7.9]
Manitoba	148	29.7 [29.4-30.1]	137	27.6 [27.4-27.9]	90	18.0 [17.7-18.4]	93	18.0 [17.6-18.4]	33	6.6 [6.3-6.9]
Saskatchewan	142	28.6 [28.1-29.0]	140	29.1 [28.5-29.6]	100	19.6 [19.1-20.0]	86	17.2 [16.9-17.5]	28	5.6 [5.5-5.7]
Alberta	426	32.0 [31.6-32.3]	302	22.5↓ [22.4-22.5]	230	17.0 [16.7-17.2]	264	19.8 [19.6-19.9]	118	8.8 [8.7-8.9]
British Columbia	391	29.4 [29.1-29.6]	377	28.4 [28.1-28.6]	281	20.7 [20.4-21.1]	201	14.9 [14.8-15.0]	90	6.6 [6.5-6.7]
Yukon	56	28.9 [27.7-30.1]	76	38.5↑ [37.7-39.4]	33	17.4 [16.1-18.7]	22	11.0 [10.6-11.4]	8	4.2 [4.0-4.5]
Northwest Territories	64	36.8 [35.0-38.6]	56	33.4 [32.3-34.5]	35	19.6 [18.4-20.9]	11	6.2 [5.5-7.1]	7	3.9 [3.3-4.6]
Nunavut	10	26.8 [19.4-35.8]	14	42.5↑ [34.9-50.5]	7	23.4 [15.0-34.8]	#	#	#	#

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 21. Percentage of children younger than 18 years, who were recommended by a health care provider to receive a flu shot this flu season, by child's sex and age group, Canada, 2023

DX2. Did a health care provider recommend that <<child>> receive the flu shot this flu season? (n=10,301)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	2,281	21.6 [21.3-21.8]	1,146	21.1 [20.8-21.5]	1,135	22.0 [21.7-22.4]	902	34.2 [33.7-34.7]	755	19.7 [19.4-20.0]	624	14.8 [14.5-15.0]
No	8,020	78.4 [78.2-78.7]	4,118	78.9 [78.5-79.2]	3,902	78.0 [77.6-78.3]	1,742	65.8 [65.3-66.3]	3,006	80.3 [80.0-80.6]	3,272	85.2 [85.0-85.5]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 22a. COVID-19 vaccine coverage (having received at least one dose)¹ by various ethnic/racial background, child's sex and age group, Canada, 2023²

B4. What is <<child>>'s racial or ethnic background? (n=11,028)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Black (African, Afro-Caribbean, African descent)	326	55.7 [55.0-56.4]	167	53.8 [53.0-54.7]	159	57.8 [56.9-58.8]	21	12.3 [12.0-12.7]	115	57.2 [56.9-57.6]	190	88.4 [88.2-88.6]
East/Southeast Asian (e.g., Chinese, Korean, Japanese, Taiwanese, Filipino, Vietnamese, Cambodian, Thai, Indonesian, other Southeast Asian descent)	600	72.7 [72.2-73.2]	307	70.7 [70.0-71.5]	293	74.8 [74.3-75.4]	75	38.2 [37.7-38.8]	242	76.5↑ [76.3-76.8]	283	93.9 [93.7-94.1]
Indigenous (First Nations, Métis, Inuk/Inuit)	303	61.8 [61.1-62.6]	151	60.0 [58.9-61.0]	152	63.5↑ [62.4-64.6]	27	26.0 [25.2-26.9]	110	64.0 [63.5-64.5]	166	80.3 [79.5-91.1]
Latin American	184	68.3 [67.7-68.9]	86	62.4 [61.6-63.2]	98	74.0 [73.2-74.8]	28	37.3 [36.5-38.1]	72	73.6 [72.9-74.3]	84	88.2 [87.7-88.6]
Middle Eastern and North African (Arab, Algerian, Egyptian, West Asian descent (e.g., Iranian, Israeli, Lebanese, Turkish, Kurdish, etc.))	204	56.4 [55.9-57.0]	100	57.1 [56.3-57.8]	104	55.8 [55.0-56.7]	15	16.7 [16.2-17.2]	71	56.7 [56.0-57.0]	118	86.2 [85.9-86.4]
South Asian descent (e.g., Afghan, Indian, Pakistani, Bangladeshi, Sri Lankan, etc.)	310	69.9 [69.3-70.6]	167	68.9 [68.0-69.8]	143	71.1 [70.2-71.9]	37	31.3 [30.8-31.7]	135	76.1 [75.8-76.4]	138	96.1 [95.9-96.2]
White European descent	5,911	69.1 [68.6-69.5]	2,978	68.5↓ [67.9-69.0]	2,933	69.7 [69.1-70.3]	778	35.0 [34.8-35.2]	2,256	72.9 [72.7-73.0]	2,877	89.5↓ [89.3-89.6]
Other	189	61.6 [61.1-62.1]	93	57.8 [57.1-58.5]	96	65.9 [65.2-66.6]	21	29.5↑ [29.1-30.0]	79	61.5↓ [61.0-61.9]	89	88.6 [88.1-89.0]

¹ Percent of those indicating 1+ doses.

² Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 22b. COVID-19 vaccine coverage (having received at least one dose)¹ by Indigenous identity, child's sex and age group, Canada, 2023²

B5. Does <<child>> identify as First Nations, Métis and/or Inuit? (n=489)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
First Nations (includes status and non status individuals)	130	59.6 [58.8-60.3]	68	59.1 [58.1-60.1]	62	60.1 [58.8-61.4]	8	15.9 [14.9-16.9]	50	68.6 [67.6-69.6]	72	73.1 [72.4-73.9]
Métis	93	61.2 [60.2-62.2]	45	62.6 [61.2-64.0]	48	60.1 [58.7-61.4]	8	24.2 [23.3-25.2]	33	62.7 [61.5-63.8]	52	83.0 [82.2-83.7]
Inuk/Inuit	42	74.7 [68.8-79.9]	25	81.5↓ [72.9-87.8]	17	68.3 [60.4-75.3]	#	#	15	70.3 [68.5-72.0]	#	#

¹ Percent of those indicating 1+ doses.

² Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 22c. COVID-19 vaccine coverage (having received at least one dose)¹ by those living on reserve, Canada, 2023

G5. Is <<child>>'s primary residence on a reserve? (n=220)		
	Overall	
	n	Weighted %
Yes	6	66.9 [64.0-69.7]

No	10	33.1 [30.3-36.0]
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¹ Percent of those indicating 1+ doses.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 22d. COVID-19 vaccine coverage (having received at least one dose)¹ by those living in Inuit Nunangat, sex and age group, Canada, 2023

G6. Is <<child>>'s primary residence in Inuit Nunangat (Inuvialuit, Nunavik, Nunatsiavut, or Nunavut)? (n=45)		
	Overall	
	n	Weighted %
Yes	10	28.1 [20.5-37.2]
No	22	71.9 [62.8-79.5]

¹ Percent of those indicating 1+ doses.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 23a. Percentage of children younger than 18 years that received all recommended routine vaccinations¹, by child's sex and age group, Canada, 2023

F1. Has <<child>> received all recommended routine vaccinations for their age? Do not include COVID-19 and flu vaccines (n=11,281)												
	Overall		Males		Females		0-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	10,092	88.9 [88.8-88.9]	5,141	88.5↓ [88.4-88.5]	4,951	89.3 [89.3-89.4]	2,691	88.1 [88.0-88.2]	3,657	89.2 [89.2-89.3]	3,744	89.1 [89.0-89.2]
No, only some were received	788	7.3 [7.3-7.4]	410	7.5↑ [7.5-7.6]	378	7.1 [7.0-7.2]	170	5.8 [5.7-5.9]	268	7.1 [7.0-7.1]	350	8.8 [8.7-8.8]
No, none	401	3.8 [3.8-3.8]	211	4.0 [4.0-4.1]	190	3.6 [3.5-3.6]	178	6.1 [6.0-6.2]	140	3.7 [3.7-3.8]	83	2.2 [2.1-2.2]

¹ Routine childhood vaccinations for children 0-17 years of age include vaccines against infections such as measles, mumps, rubella, chickenpox, hepatitis B, tetanus, diphtheria, Human papillomavirus, etc.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 23b. COVID-19 vaccine coverage (having received at least one dose)¹ among children, by uptake of recommended routine vaccinations² for their age, child's sex and age group, Canada, 2023

F1. Has <<child>> received all recommended routine vaccinations for their age? Do not include COVID-19 and flu vaccines (n=10,968)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	7,012	71.1 [70.6-71.5]	3,550	70.5↑ [69.9-71.1]	3,462	71.6 [71.0-72.2]	869	34.6 [34.4-34.8]	2,718	75.2 [75.1-75.4]	3,425	92.5↑ [92.4-92.6]
No, only some were received	397	51.4 [50.9-51.9]	203	50.3 [49.6-51.0]	194	52.5↑ [51.9-53.2]	27	17.1 [16.9-17.3]	125	47.7 [47.2-48.2]	245	72.1 [71.7-72.4]

No, none	20	5.0 [4.8-5.2]	12	4.9 [4.8-5.1]	8	5.1 [4.8-5.4]	#	#		3.2 [3.0-3.3]	15	18.7 [18.3-19.0]
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¹ Percent of those indicating 1+ doses.

² Routine childhood vaccinations for children 0-17 years of age include vaccines against infections such as measles, mumps, rubella, chickenpox, hepatitis B, tetanus, diphtheria, Human papillomavirus, etc.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 24a. COVID-19 vaccine coverage (having received at least one dose)¹ by presence of a medical condition, child's sex and age group, Canada, 2023^{1,2,3}

C1. Does <<child>> have any of the following conditions? (n=10,870)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	1,036	75.7 [75.3-76.0]	585	73.8 [73.3-74.2]	451	78.1 [77.7-78.6]	105	42.1 [41.6-42.6]	385	76.5↓ [76.3-76.7]	546	89.6 [89.4-89.7]
No ⁴	6,355	66.4 [65.9-66.8]	3,165	65.6 [64.9-66.2]	3,190	67.2 [66.5-67.8]	786	30.7 [30.5-30.9]	2,457	70.4 [70.2-70.5]	3,112	89.3 [89.2-89.4]

¹ Percent of those indicating 1+ doses.

² Multiple response options could be selected by respondents.

³ Medical conditions of interest include sickle cell anemia or thalassemia major, neurologic or neurodevelopmental disorders, asthma or other chronic lung diseases, chronic liver, heart or kidney disease, diabetes, obesity or Down Syndrome, immune suppression or cancer and other medical conditions.

⁴ Exclusive response option.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 24b. 2022-2023 flu vaccine coverage by presence of a medical condition, child's sex and age group, Canada, 2023^{1,2,3}

C1. Does <<child>> have any of the following conditions? (n=10,783)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	600	43.0 [42.7-43.2]	355	44.5↓ [44.1-44.9]	245	40.9 [40.7-41.2]	136	53.4 [53.0-53.9]	224	43.1 [42.7-43.5]	240	38.2 [37.9-38.5]
No ⁴	3,296	33.5↑ [33.3-33.8]	1,612	32.4 [32.0-32.7]	1,684	34.7 [34.3-35.1]	1,041	40.4 [39.9-40.8]	1,262	34.8 [34.4-35.2]	993	26.8 [26.5-27.1]

¹ Percent of those indicating yes to receiving flu vaccine.

² Multiple response options could be selected by respondents.

³ Medical conditions of interest include sickle cell anemia or thalassemia major, neurologic or neurodevelopmental disorders, asthma or other chronic lung diseases, chronic liver, heart or kidney disease, diabetes, obesity or Down Syndrome, immune suppression or cancer and other medical conditions.

⁴ Exclusive response option.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 25a. COVID-19 vaccine coverage (having received at least one dose)¹ among children by presence of disability, child's sex and age group, Canada, 2023²

C2. Does <<child>> identify as a person with a disability? (n=10,911)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	604	77.5↑ [77.2-77.8]	357	76.4 [76.0-76.8]	247	79.3 [78.7-79.8]	30	36.6 [35.9-37.4]	214	75.1 [74.8-75.4]	360	88.7 [88.5-88.9]
No	6,793	66.5↓ [66.0-66.9]	3,385	65.5↑ [64.9-66.1]	3,408	67.4 [66.8-68.0]	856	31.2 [31.0-31.3]	2,623	70.5↓ [70.3-70.7]	3,314	89.3 [89.2-89.4]

¹ Percent of those indicating 1+ doses.

² A person with a disability is a person who has a long-term or recurring impairment (such as vision, hearing, mobility, flexibility, dexterity, pain, learning, developmental, memory or mental health-related) which limits their daily activities inside or outside the home (such as at school, work, or in the community in general).

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 25b. 2022-2023 flu vaccine coverage among children by presence of disability, child's sex and age group, Canada, 2023^{1,2}

C2. Does <<child>> identify as a person with a disability? (n=10,828)												
	Overall		Males		Females		6 months-4 years		5-11 years		12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	286	36.4 [36.2-36.7]	166	35.9 [35.6-36.2]	120	37.3 [36.9-37.7]	30	36.7 [35.9-37.5]	115	38.1 [37.8-38.5]	141	35.0 [34.7-35.3]
No	3,619	34.4 [34.2-34.7]	1,803	33.8 [33.5-34.2]	1,816	35.1 [34.7-35.4]	1,154	41.7 [41.3-42.2]	1,370	35.4 [35.0-35.8]	1,095	27.5↑ [27.2-27.8]

¹ A person with a disability is a person who has a long-term or recurring impairment (such as vision, hearing, mobility, flexibility, dexterity, pain, learning, developmental, memory or mental health-related) which limits their daily activities inside or outside the home (such as at school, work, or in the community in general).

² Percent of those indicating yes to receiving flu vaccine.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 26a. COVID-19 vaccine coverage among parents of children younger than 18 years, by number of doses, by child's sex and age group, Canada, 2023

E2. How many doses of a COVID-19 vaccine have you received so far? (n=11,236)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
One dose	154	1.3 [1.3-1.3]	77	1.4 [1.3-1.4]	77	1.3 [1.3-1.3]	44	1.4 [1.3-1.4]	60	1.4 [1.4-1.4]	50	1.2 [1.2-1.2]
Two doses	3,199	27.3 [27.2-27.4]	1,678	27.9 [27.8-28.1]	1,521	26.6 [26.5-26.8]	863	27.3 [27.1-27.5]	1,221	28.6 [28.5-28.8]	1,115	25.7 [25.6-25.9]
Three doses	4,047	36.1 [36.0-36.2]	2,044	35.6 [35.5-35.7]	2,003	36.7 [36.5-36.8]	1,048	34.5↓ [34.3-34.6]	1,466	36.6 [36.4-36.7]	1,533	36.9 [36.8-37.1]
Four or more doses	2,957	26.9 [26.9-27.0]	1,484	26.4 [26.3-26.6]	1,473	27.5↓ [27.3-27.6]	773	26.6 [26.4-26.8]	1,011	25.5↑ [25.4-25.7]	1,173	28.9 [28.7-29.0]
Has not received a COVID-19 vaccine	879	8.3 [8.2-8.4]	463	8.6 [8.5-8.7]	416	7.9 [7.8-8.0]	292	10.2 [10.1-10.3]	296	7.9 [7.8-8.0]	291	7.3 [7.2-7.4]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 26b. Percentage of parents of children younger than 18 years, vaccinated with at least one dose of a COVID-19 vaccine, by province/territory, child's sex and age group, Canada, 2023

E2. How many doses of a COVID-19 vaccine have you received so far? (n=11,236)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canada	10,357	91.7 [91.6-91.8]	5,283	91.4 [91.3-91.5]	5,074	92.1 [92.0-92.2]	2,728	89.8 [89.7-89.9]	3,758	92.1 [92.0-92.2]	3,871	92.7 [92.6-92.8]

Newfoundland and Labrador	427	97.8 [97.7-97.9]	212	97.9 [97.6-98.1]	215	97.7 [97.7-97.7]	91	99.0 [98.8-99.2]	167	96.6 [96.5-96.7]	169	98.3 [98.2-98.4]
Prince Edward Island	382	95.5 [↑] [95.5-95.6]	192	96.0 [96.0-96.0]	190	95.1 [94.9-95.2]	89	95.7 [95.6-95.8]	146	96.1 [96.0-96.1]	147	94.9 [94.8-95.1]
Nova Scotia	472	96.3 [96.1-96.5]	245	96.5 [↑] [96.4-96.7]	227	96.1 [95.7-96.4]	114	93.3 [93.1-93.5]	174	97.7 [97.7-97.8]	184	96.8 [96.7-96.8]
New Brunswick	442	92.9 [92.6-93.1]	221	93.4 [93.1-93.7]	221	92.3 [91.9-92.7]	110	89.6 [89.4-89.7]	165	94.8 [94.5-95.0]	167	93.1 [92.6-93.5]
Quebec	2,035	95.2 [95.2-95.3]	1,052	95.3 [95.3-95.4]	983	95.1 [95.0-95.2]	653	93.2 [93.1-93.2]	722	95.9 [95.9-95.9]	660	96.1 [96.0-96.1]
Ontario	2,937	91.6 [91.5-91.6]	1,478	90.8 [90.8-90.9]	1,459	92.3 [92.2-92.4]	722	89.1 [89.1-89.1]	1,038	91.8 [91.7-91.8]	1,177	93.1 [93.0-93.2]
Manitoba	447	89.7 [89.4-90.0]	235	89.3 [88.7-89.8]	212	90.2 [90.1-90.3]	118	86.3 [85.9-86.7]	162	92.6 [92.3-92.9]	167	89.0 [88.7-89.2]
Saskatchewan	426	85.9 [85.6-86.1]	212	87.3 [86.9-87.6]	214	84.4 [84.2-84.6]	117	83.0 [82.9-83.0]	143	85.7 [85.3-86.0]	166	88.4 [88.1-88.6]
Alberta	1,176	87.3 [87.3-87.3]	609	87.5 [↑] [87.5-87.5]	567	87.1 [87.1-87.2]	328	87.5 [↓] [87.4-87.6]	429	87.4 [87.4-87.4]	419	87.1 [87.1-87.1]
British Columbia	1,219	91.1 [91.0-91.2]	615	89.9 [89.7-90.0]	604	92.5 [↓] [92.4-92.5]	302	89.6 [89.2-89.9]	458	91.3 [91.2-91.3]	459	92.2 [92.1-92.2]
Yukon	190	96.2 [95.7-96.7]	100	97.5 [↓] [96.9-98.0]	90	94.8 [94.0-95.5]	38	91.4 [90.4-92.3]	74	97.3 [97.1-97.4]	78	98.8 [98.4-99.0]
Northwest Territories	169	97.2 [96.9-97.6]		95.8 [95.5-96.1]		98.7 [98.2-99.0]		97.3 [96.2-98.1]		97.1 [97.0-97.2]		97.3 [96.5-97.9]
Nunavut	35	98.1 [96.5-99.6]	#	#	#	#	#	#	#	#	#	#

[95% confidence intervals in brackets]

The symbols [↑] and [↓] refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

COVID-19 vaccines refer to those that have been approved for use in Canada.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 27. Parental intention to vaccinate themselves against COVID-19, by child's sex and age group, Canada, 2023

E3. In the future, how likely is it that you will be vaccinated against COVID-19? (n=972)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Definitely will	8	0.5 [↑] [0.5-0.6]		0.7 [0.6-0.7]	#	#	#	#	#	#	#	#
Probably will	20	1.9 [1.8-1.9]	12	2.3 [2.2-2.4]	8	1.4 [1.3-1.4]	9	2.5 [↑] [2.4-2.6]		2.2 [2.1-2.3]	#	#
Probably won't	81	8.1 [8.0-8.2]	34	6.9 [6.8-7.1]	47	9.4 [9.2-9.5]	28	8.3 [8.2-8.4]	25	7.7 [7.5-7.9]	28	8.4 [8.1-8.6]
Definitely won't	843	87.5 [↓] [87.3-87.6]	444	87.7 [87.5-88.0]	399	87.2 [87.0-87.4]	275	86.0 [85.8-86.2]	288	87.8 [87.5-88.1]	280	88.6 [88.3-88.9]
Don't know	20	2.0 [2.0-2.1]	12	2.4 [2.3-2.4]	8	1.7 [1.6-1.7]	8	2.5 [↓] [2.4-2.6]	6	1.9 [1.8-2.0]	6	1.7 [1.6-1.8]

[95% confidence intervals in brackets]

The symbols [↑] and [↓] refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

Estimates may not sum to 100% due to rounding.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Cells left blank were deliberate to avoid back calculation of suppressed numbers.

Table 28a. Percentage of parents of children younger than 18 years who were reluctant or hesitant to vaccinate themselves against COVID-19, by child's sex and age group, Canada, 2023^{1,2}

E6. Have you ever been reluctant or hesitant to get a COVID-19 vaccine? (n=11,211)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes, hesitant	4,180	37.1 [37.0-37.2]	2,155	37.5↑ [37.4-37.7]	2,025	36.6 [36.5-36.7]	1,176	38.8 [38.6-38.9]	1,538	38.0 [37.8-38.1]	1,466	34.7 [34.5-34.9]
Not hesitant	7,031	62.9 [62.8-63.0]	3,567	62.5↓ [62.3-62.6]	3,464	63.4 [63.3-63.5]	1,839	61.2 [61.1-61.4]	2,505	62.0 [61.9-62.2]	2,687	65.3 [65.1-65.5]

¹ Vaccine hesitancy refers to a delay in acceptance or refusal of vaccines despite availability.

² Among all parents, regardless of parent's vaccination status.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 28b. Percentage of parents of children younger than 18 years who refused to vaccinate themselves against COVID-19, by child's sex and age group, Canada, 2023

EX. Did you refuse to get a COVID-19 vaccine? (n=904)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes, refused	774	85.7 [85.5-85.9]	409	86.8 [86.5-87.0]	365	84.5↓ [84.2-84.8]	253	85.8 [85.5-86.0]	261	83.8 [83.4-84.1]	260	88.1 [87.8-88.5]
Did not refuse	130	14.3 [14.1-14.5]	64	13.2 [13.0-13.5]	66	15.5↑ [15.2-15.8]	42	14.2 [14.0-14.5]	53	16.2 [15.9-16.6]	35	11.9 [11.5-12.2]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 29. Frequency of receiving a flu vaccination prior to the 2022-2023 flu season, among parents of children younger than 18 years, by child's sex and age group, Canada, 2023

E8. Prior to the 2022-2023 flu season, how often did you receive the flu vaccine? (n=11,282)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Every flu season	2,435	20.8 [20.7-20.9]	1,223	20.4 [20.3-20.6]	1,212	21.2 [21.1-21.4]	650	20.8 [20.6-21.0]	904	21.3 [21.2-21.5]	881	20.3 [20.1-20.4]
Most flu seasons	2,259	19.5↓ [19.3-19.6]	1,153	19.4 [19.2-19.6]	1,106	19.5↑ [19.4-19.7]	660	21.4 [21.2-21.6]	820	19.6 [19.4-19.8]	779	17.8 [17.6-18.0]
Some flu seasons (including once only)	3,247	28.5↓ [28.4-28.5]	1,639	28.2 [28.1-28.3]	1,608	28.7 [28.6-28.8]	830	27.6 [27.5-27.8]	1,153	27.5↓ [27.4-27.6]	1,264	30.2 [30.1-30.3]
Never	3,341	31.2 [31.0-31.5]	1,743	31.9 [31.6-32.2]	1,598	30.5↑ [30.2-30.8]	890	30.2 [29.9-30.5]	1,201	31.5↑ [31.2-31.9]	1,250	31.7 [31.4-32.0]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 30. Flu vaccination coverage during the 2022-2023 flu season, among parents of children younger than 18 years, by child's sex and age group, Canada, 2023

E9. Did you get the flu vaccine during this flu season? (n=11,261)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	4,686	40.6 [40.4-40.8]	2,361	39.8 [39.5-40.0]	2,325	41.5↓ [41.2-41.7]	1,368	44.8 [44.6-45.1]	1,667	39.6 [39.3-39.9]	1,651	38.5↑ [38.3-38.8]
No	6,575	59.4 [59.2-59.6]	3,400	60.2 [60.0-60.5]	3,175	58.5↑ [58.3-58.8]	1,650	55.2 [54.9-55.4]	2,400	60.4 [60.1-60.7]	2,525	61.5↓ [61.2-61.7]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 31. Percentage of all parents of children younger than 18 years, who were hesitant to vaccinate themselves against the flu during the 2022-2023 flu season, by child's sex and age group, Canada, 2023^{1,2}

E13. Were you hesitant about getting the flu vaccine during this flu season? (n=11,046)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	2,817	26.1 [26.0-26.2]	1,447	26.3 [26.2-26.4]	1,370	25.9 [25.8-26.0]	708	24.3 [24.2-24.4]	1,013	26.4 [26.2-26.5]	1,096	27.1 [27.0-27.2]
No	8,229	73.9 [73.8-74.0]	4,196	73.7 [73.6-73.8]	4,033	74.1 [74.0-74.2]	2,261	75.7 [75.6-75.8]	2,973	73.6 [73.5-73.8]	2,995	72.9 [72.8-73.0]

¹ Vaccine hesitancy refers to a delay in acceptance or refusal of vaccines despite availability.

² Among all parents, regardless of parent's vaccination status.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 32. Percentage of all parents of children younger than 18 years, who refused to vaccinate themselves against the flu during the 2022-2023 flu season, by child's sex and age group, Canada, 2023

E14. Did you refuse to get the flu vaccine, during this flu season? (n=6,307)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Yes	3,031	48.8 [48.7-49.0]	1,541	47.9 [47.7-48.1]	1,490	49.9 [49.7-50.1]	717	46.1 [45.8-46.4]	1,099	48.9 [48.6-49.1]	1,215	50.7 [50.5-50.9]
No	3,276	51.2 [51.0-51.3]	1,726	52.1 [51.9-52.3]	1,550	50.1 [49.9-50.3]	872	53.9 [53.6-54.2]	1,190	51.1 [50.9-51.4]	1,214	49.3 [49.1-49.5]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 33. Intentions of parents of children younger than 18 years to vaccinate themselves against the flu during the next flu season (2023-2024 season), by child's sex and age group, Canada, 2023

E11. How likely are you to get vaccinated against the flu in the next flu season, as of September 1, 2023? (n=11,321)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Definitely will	3,263	27.6 [27.5-27.8]	1,608	26.6 [26.4-26.8]	1,655	28.7 [28.5-28.9]	955	30.7 [30.5-31.0]	1,161	27.0 [26.8-27.2]	1,147	26.0 [25.8-26.2]
Probably will	2,885	24.9 [24.8-25.0]	1,484	25.0 [24.9-25.2]	1,401	24.8 [24.7-24.9]	828	26.7 [26.6-26.8]	1,049	25.0 [24.9-25.2]	1,008	23.4 [23.3-23.5]
Probably won't	2,447	22.1 [22.0-22.3]	1,253	22.2 [22.0-22.4]	1,194	22.1 [21.9-22.2]	564	18.4 [18.2-18.6]	886	22.4 [22.2-22.6]	997	24.7 [24.5-24.9]
Definitely won't	2,184	20.1 [20.0-20.2]	1,135	20.5↓ [20.4-20.6]	1,049	19.7 [19.6-19.9]	562	19.2 [19.1-19.3]	784	20.1 [19.9-20.2]	838	20.9 [20.7-21.0]
Don't know	542	5.2 [5.2-5.2]	305	5.7 [5.6-5.7]	237	4.7 [4.7-4.7]	140	4.9 [4.8-5.0]	207	5.5↓ [5.5-5.5]	195	5.1 [5.0-5.1]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 34. Most trusted source of information about COVID-19 vaccines among all parents of children younger than 18 years, by child's sex and age group, Canada, 2023

F2. What is your most trusted source of information about COVID-19 vaccines? (n=10,698)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Health care providers	4,430	42.3 [42.2-42.4]	2,285	42.5↓ [42.4-42.6]	2,145	42.2 [42.0-42.3]	1,298	45.5↑ [45.4-45.7]	1,531	41.2 [41.1-41.4]	1,601	41.2 [41.1-41.3]
Family/friends	162	1.4 [1.4-1.5]	95	1.5↑ [1.5-1.6]	67	1.3 [1.3-1.3]	45	1.5↓ [1.4-1.5]	72	1.7 [1.6-1.7]	45	1.1 [1.1-1.1]
Social media (e.g., Twitter, Facebook)	141	1.3 [1.2-1.3]	67	1.1 [1.1-1.2]	74	1.4 [1.4-1.4]	27	1.0 [1.0-1.0]	52	1.4 [1.3-1.4]	62	1.3 [1.3-1.4]
Scientific publications/journals	1,809	17.6 [17.5-17.7]	906	17.2 [17.0-17.3]	903	18.1 [17.9-18.2]	522	19.4 [19.2-19.6]	681	18.1 [17.9-18.2]	606	15.7 [15.6-15.9]
My local public health unit/clinic	555	5.0 [5.0-5.1]	286	5.1 [5.0-5.2]	269	4.9 [4.9-5.0]	105	3.6 [3.6-3.7]	213	5.3 [5.2-5.4]	237	5.7 [5.7-5.8]
Public Health Agency of Canada/Health Canada	2,145	19.3 [19.2-19.4]	1,081	19.1 [19.0-19.2]	1,064	19.5↓ [19.3-19.6]	492	16.2 [16.0-16.4]	805	19.7 [19.5-19.8]	848	21.1 [21.0-21.2]
Community nursing stations or clinics	56	0.4 [0.3-0.4]	30	0.3 [0.3-0.4]	26	0.4 [0.3-0.4]	16	0.4 [0.3-0.5]	19	0.4 [0.3-0.5]	21	0.3 [0.3-0.4]
News/media	364	3.5↓ [3.4-3.5]	193	3.8 [3.7-3.8]	171	3.2 [3.1-3.2]	94	3.2 [3.1-3.3]	125	3.4 [3.4-3.5]	145	3.8 [3.7-3.8]
National Advisory Committee on Immunization (NACI)	140	1.2 [1.2-1.2]	69	1.2 [1.2-1.2]	71	1.3 [1.2-1.3]	35	1.1 [1.1-1.1]	55	1.4 [1.4-1.5]	50	1.1 [1.1-1.1]
International sources (e.g., World Health Organization (WHO))	361	3.1 [3.1-3.1]	188	3.2 [3.2-3.2]	173	3.0 [2.9-3.0]	102	3.2 [3.2-3.3]	133	3.0 [3.0-3.1]	126	3.1 [3.0-3.1]
Other	535	4.9 [4.9-5.0]	274	5.0 [4.9-5.0]	261	4.9 [4.9-5.0]	138	5.0 [4.9-5.0]	177	4.5↓ [4.4-4.5]	220	5.5↓ [5.4-5.5]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 35. Knowledge or beliefs regarding vaccines in general, among all parents of children younger than 18 years, by child's sex and age group, Canada, 2023

F3. To what extent do you agree with the following statements?												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
In general, vaccines are safe (n=11,301)												
Strongly agree	6,270	54.9 [54.8-55.0]	3,162	54.0 [53.9-54.1]	3,108	55.8 [55.7-55.9]	1,757	56.9 [56.7-57.0]	2,262	54.8 [54.7-54.9]	2,251	53.4 [53.3-53.6]
Somewhat agree	3,867	34.5↓ [34.4-34.6]	2,029	35.3 [35.2-35.4]	1,838	33.6 [33.4-33.7]	984	32.4 [32.2-32.5]	1,416	34.9 [34.8-35.0]	1,467	35.5↑ [35.4-35.7]
Somewhat disagree	591	5.3 [5.3-5.3]	296	5.2 [5.2-5.3]	295	5.4 [5.3-5.4]	169	5.8 [5.8-5.9]	199	4.9 [4.8-5.0]	223	5.4 [5.3-5.4]
Strongly disagree	347	3.2 [3.2-3.3]	179	3.2 [3.2-3.3]	168	3.3 [3.2-3.3]	83	2.9 [2.8-2.9]	126	3.4 [3.3-3.4]	138	3.4 [3.3-3.4]
Don't know	226	2.1 [2.1-2.1]	114	2.2 [2.2-2.2]	112	2.0 [2.0-2.1]	57	2.0 [2.0-2.1]	75	2.0 [2.0-2.0]	94	2.3 [2.3-2.4]
In general, vaccines are effective (n=11,301)												
Strongly agree	6,377	55.6 [55.5-55.7]	3,209	54.6 [54.4-54.7]	3,168	56.7 [56.5-56.8]	1,739	56.5↑ [56.3-56.7]	2,327	56.0 [55.8-56.2]	2,311	54.4 [54.2-54.6]
Somewhat agree	3,992	35.9 [35.8-36.0]	2,117	37.2 [37.0-37.4]	1,875	34.6 [34.4-34.8]	1,032	34.0 [33.8-34.3]	1,435	35.9 [35.7-36.1]	1,525	37.3 [37.1-37.6]
Somewhat disagree	464	4.2 [4.2-4.2]	231	4.2 [4.1-4.2]	233	4.2 [4.2-4.2]	158	5.4 [5.4-5.5]	150	3.8 [3.7-3.8]	156	3.7 [3.7-3.8]
Strongly disagree	295	2.7 [2.7-2.7]	142	2.6 [2.5-2.6]	153	2.8 [2.8-2.8]	68	2.3 [2.3-2.4]	110	2.8 [2.8-2.9]	117	2.8 [2.8-2.9]
Don't know	173	1.6 [1.6-1.6]	81	1.5↓ [1.4-1.5]	92	1.8 [1.7-1.8]	51	1.7 [1.6-1.7]	56	1.5↓ [1.4-1.5]	66	1.7 [1.7-1.8]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Table 36. Knowledge or beliefs regarding COVID-19 vaccines, among all parents of children younger than 18 years, by child's sex and age group, Canada, 2023

F3. To what extent do you agree with the following statements?												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
In general, COVID-19 vaccines are safe (n=11,309)												
Strongly agree	4,604	40.0 [40.0-40.1]	2,332	39.7 [39.6-39.8]	2,272	40.3 [40.2-40.4]	1,173	37.8 [37.6-37.9]	1,681	40.5 [↑] [40.4-40.7]	1,750	41.2 [41.1-41.3]
Somewhat agree	3,412	30.0 [29.9-30.1]	1,749	29.9 [29.7-30.1]	1,663	30.2 [30.0-30.3]	921	29.8 [29.7-30.0]	1,236	30.0 [29.8-30.2]	1,255	30.2 [30.0-30.4]
Somewhat disagree	1,054	9.3 [9.3-9.4]	527	9.3 [9.2-9.3]	527	9.4 [9.3-9.4]	317	10.2 [10.1-10.3]	376	9.4 [9.4-9.5]	361	8.5 [↑] [8.4-8.6]
Strongly disagree	1,396	12.8 [12.7-12.9]	723	13.0 [12.8-13.1]	673	12.7 [12.5-12.8]	405	14.1 [14.0-14.2]	495	12.7 [12.5-12.8]	496	12.0 [11.9-12.2]
Don't know	843	7.8 [7.8-7.8]	448	8.1 [8.1-8.2]	395	7.5 [↓] [7.4-7.5]	234	8.1 [8.0-8.1]	288	7.4 [7.3-7.4]	321	8.1 [8.0-8.1]
In general, COVID-19 vaccines are effective (n=11,305)												
Strongly agree	4,162	36.0 [35.9-36.1]	2,077	35.2 [35.1-35.4]	2,085	36.8 [36.7-37.0]	997	32.2 [32.1-32.4]	1,479	35.5 [↓] [35.3-35.6]	1,686	39.5 [↑] [39.3-39.7]
Somewhat agree	3,662	32.4 [32.2-32.5]	1,923	33.0 [32.8-33.2]	1,739	31.7 [31.5-31.9]	996	32.1 [31.9-32.4]	1,352	33.1 [33.0-33.3]	1,314	31.6 [31.4-31.8]
Somewhat disagree	1,183	10.5 [↓] [10.4-10.5]	600	10.5 [↑] [10.4-10.6]	583	10.4 [10.3-10.5]	379	12.3 [12.3-12.4]	425	10.6 [10.5-10.7]	379	8.8 [8.8-8.9]
Strongly disagree	1,632	15.0 [14.9-15.1]	832	15.0 [14.9-15.2]	800	14.9 [14.8-15.0]	489	17.0 [16.8-17.1]	587	14.9 [14.7-15.0]	556	13.6 [13.4-13.8]
Don't know	666	6.2 [6.2-6.3]	341	6.2 [6.2-6.3]	325	6.2 [6.1-6.2]	184	6.4 [6.3-6.4]	233	5.9 [5.9-6.0]	249	6.4 [6.3-6.5]
Additional COVID-19 doses are important to continue to protect myself from the virus (n=11,297)												
Strongly agree	3,112	26.4 [26.3-26.5]	1,561	25.7 [25.6-25.9]	1,551	27.1 [26.9-27.2]	822	26.1 [25.9-26.3]	1,074	25.4 [25.3-25.6]	1,216	27.7 [27.5-27.9]
Somewhat agree	2,958	26.0 [25.9-26.1]	1,510	26.1 [26.0-26.2]	1,448	25.8 [25.6-26.0]	771	25.0 [24.9-25.1]	1,088	26.1 [26.0-26.3]	1,099	26.5 [↑] [26.4-26.7]

Somewhat disagree	1,791	15.9 [15.9-16.0]	942	16.3 [16.2-16.5]	849	15.6 [15.4-15.7]	508	16.3 [16.1-16.5]	666	16.4 [16.3-16.6]	617	15.1 [15.0-15.3]
Strongly disagree	2,483	22.7 [22.6-22.8]	1,261	22.7 [22.5-22.9]	1,222	22.7 [22.6-22.9]	709	24.5↑ [24.3-24.7]	891	22.7 [22.5-22.8]	883	21.4 [21.2-21.6]
Don't know	953	9.0 [8.9-9.0]	498	9.1 [9.0-9.2]	455	8.8 [8.8-8.9]	235	8.1 [8.0-8.2]	356	9.4 [9.3-9.4]	362	9.2 [9.1-9.3]

Vaccination is a safer way to build immunity against COVID-19 than getting infected (n=11,281)

Strongly agree	4,826	42.1 [42.0-42.2]	2,443	41.7 [41.5-41.8]	2,383	42.6 [42.4-42.8]	1,210	39.5↑ [39.3-39.7]	1,748	42.3 [42.1-42.5]	1,868	43.9 [43.8-44.1]
Somewhat agree	2,701	23.7 [23.6-23.8]	1,377	23.4 [23.3-23.6]	1,324	24.0 [23.8-24.2]	719	22.7 [22.5-22.9]	1,005	24.5↑ [24.3-24.7]	977	23.5↑ [23.4-23.7]
Somewhat disagree	1,186	10.5↑ [10.5-10.6]	618	10.9 [10.8-10.9]	568	10.2 [10.1-10.3]	358	11.8 [11.7-11.9]	421	10.4 [10.3-10.5]	407	9.8 [9.7-9.8]
Strongly disagree	1,722	15.8 [15.7-15.9]	891	16.1 [16.0-16.2]	831	15.5↓ [15.3-15.6]	512	17.8 [17.6-17.9]	600	15.3 [15.1-15.4]	610	14.9 [14.8-15.1]
Don't know	846	7.8 [7.8-7.9]	439	7.9 [7.9-8.0]	407	7.7 [7.6-7.7]	238	8.1 [8.0-8.2]	294	7.6 [7.5-7.6]	314	7.9 [7.8-7.9]

My child needs to be vaccinated against COVID-19 even after infection (n=11,234)

Strongly agree	3,555	30.7 [30.6-30.8]	1,759	29.8 [29.6-29.9]	1,796	31.6 [31.5-31.8]	847	27.1 [26.9-27.3]	1,256	30.1 [29.9-30.2]	1,452	34.1 [34.0-34.2]
Somewhat agree	2,679	23.7 [23.6-23.8]	1,404	24.0 [23.9-24.1]	1,275	23.4 [23.2-23.5]	641	20.8 [20.7-20.9]	995	24.3 [24.1-24.4]	1,043	25.3 [25.2-25.4]
Somewhat disagree	1,585	14.2 [14.1-14.3]	817	14.3 [14.2-14.5]	768	14.0 [13.9-14.1]	494	16.4 [16.2-16.5]	547	13.7 [13.5-13.8]	544	13.1 [13.0-13.3]
Strongly disagree	2,566	23.6 [23.5-23.7]	1,307	23.7 [23.5-23.9]	1,259	23.5↑ [23.3-23.7]	779	26.9 [26.8-27.1]	949	24.2 [24.0-24.4]	838	20.4 [20.2-20.6]
Don't know	849	7.8 [7.8-7.9]	457	8.2 [8.2-8.2]	392	7.4 [7.4-7.5]	255	8.8 [8.8-8.9]	306	7.8 [7.8-7.9]	288	7.0 [7.0-7.1]

I know where to get a COVID-19 vaccine for my child (n=11,225)

Strongly agree	8,058	70.5↓ [70.4-70.6]	4,110	70.3 [70.1-70.5]	3,948	70.7 [70.5-70.8]	1,985	64.3 [64.1-64.5]	2,949	71.2 [71.1-71.4]	3,124	74.3 [74.1-74.4]
Somewhat agree	2,261	21.0 [20.9-21.1]	1,148	20.8 [20.7-20.9]	1,113	21.2 [21.1-21.3]	681	23.4 [23.3-23.6]	782	20.3 [20.2-20.4]	798	20.0 [19.8-20.1]
Somewhat disagree	363	3.5↓ [3.4-3.5]	189	3.5↓ [3.4-3.5]	174	3.5↓ [3.4-3.5]	133	4.7 [4.6-4.8]	136	3.6 [3.6-3.7]	94	2.4 [2.3-2.4]

Strongly disagree	235	2.2 [2.1-2.2]	141	2.5↑ [2.5-2.6]	94	1.8 [1.7-1.8]	101	3.4 [3.3-3.4]	83	2.2 [2.2-2.3]	51	1.1 [1.1-1.2]
Don't know	308	2.9 [2.9-2.9]	152	2.9 [2.9-2.9]	156	2.9 [2.9-3.0]	122	4.2 [4.1-4.2]	100	2.6 [2.6-2.6]	86	2.3 [2.2-2.3]

Close family and friends want me to get my child vaccinated against COVID-19 (n=11,179)

Strongly agree	2,687	23.1 [22.9-23.2]	1,353	22.7 [22.6-22.9]	1,334	23.4 [23.2-23.5]	553	17.3 [17.1-17.4]	1,025	24.4 [24.3-24.6]	1,109	25.8 [25.7-26.0]
Somewhat agree	2,560	22.4 [22.3-22.5]	1,315	22.3 [22.2-22.4]	1,245	22.5↑ [22.4-22.6]	571	18.6 [18.5-18.7]	963	23.3 [23.2-23.4]	1,026	24.3 [24.2-24.4]
Somewhat disagree	1,499	13.4 [13.4-13.5]	777	13.8 [13.7-13.8]	722	13.1 [13.1-13.2]	477	15.8 [15.6-15.9]	516	13.0 [13.0-13.1]	506	12.2 [12.1-12.2]
Strongly disagree	2,522	23.2 [23.1-23.3]	1,289	23.4 [23.2-23.5]	1,233	23.1 [23.0-23.2]	823	28.2 [28.0-28.4]	885	22.5↑ [22.4-22.7]	814	20.3 [20.2-20.4]
Don't know	1,911	17.9 [17.8-17.9]	979	17.8 [17.7-17.9]	932	17.9 [17.8-18.0]	590	20.1 [20.0-20.3]	641	16.7 [16.6-16.8]	680	17.5↓ [17.4-17.6]

I have access to enough trustworthy information about COVID-19 vaccines to make an informed decision (n=11,307)

Strongly agree	6,463	56.4 [56.3-56.5]	3,279	56.2 [56.1-56.4]	3,184	56.6 [56.5-56.7]	1,658	53.8 [53.7-53.9]	2,343	56.5↑ [56.4-56.7]	2,462	58.3 [58.1-58.4]
Somewhat agree	3,171	28.3 [28.2-28.4]	1,645	28.5↓ [28.4-28.6]	1,526	28.1 [28.0-28.2]	888	29.2 [29.1-29.4]	1,134	28.0 [27.9-28.1]	1,149	27.9 [27.8-28.0]
Somewhat disagree	775	7.1 [7.1-7.2]	390	6.9 [6.9-7.0]	385	7.4 [7.3-7.4]	235	8.1 [8.0-8.2]	271	6.8 [6.7-6.9]	269	6.8 [6.7-6.8]
Strongly disagree	597	5.5↓ [5.5-5.5]	300	5.5↑ [5.5-5.6]	297	5.4 [5.4-5.5]	172	5.8 [5.8-5.9]	226	5.9 [5.9-6.0]	199	4.7 [4.7-4.8]
Don't know	301	2.7 [2.7-2.7]	165	2.8 [2.8-2.9]	136	2.5↑ [2.5-2.6]	94	3.1 [3.0-3.1]	107	2.7 [2.7-2.7]	100	2.4 [2.3-2.4]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 37. Knowledge or beliefs regarding the flu vaccine, among all parents of children younger than 18 years, by child's sex and age group, Canada, 2023

F3. To what extent do you agree with the following statements?												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
In general, the flu vaccine is safe (n=11,303)												
Strongly agree	5,675	48.9 [48.8-49.1]	2,879	48.6 [48.4-48.7]	2,796	49.3 [49.2-49.5]	1,572	50.2 [50.0-50.3]	2,054	49.1 [49.0-49.3]	2,049	47.8 [47.6-48.0]
Somewhat agree	3,836	34.4 [34.3-34.5]	1,995	34.8 [34.7-35.0]	1,841	33.9 [33.7-34.0]	1,020	33.9 [33.7-34.1]	1,402	34.7 [34.6-34.8]	1,414	34.3 [34.1-34.5]
Somewhat disagree	691	6.3 [6.2-6.3]	359	6.5↑ [6.5-6.6]	332	6.0 [6.0-6.0]	193	6.7 [6.7-6.8]	226	5.7 [5.7-5.8]	272	6.5↑ [6.5-6.6]
Strongly disagree	425	4.0 [4.0-4.0]	205	3.8 [3.7-3.9]	220	4.2 [4.1-4.3]	119	4.1 [4.1-4.2]	150	4.0 [4.0-4.1]	156	3.9 [3.8-3.9]
Don't know	676	6.4 [6.4-6.5]	340	6.3 [6.2-6.3]	336	6.6 [6.5-6.6]	145	5.1 [5.0-5.2]	246	6.4 [6.3-6.5]	285	7.5↓ [7.4-7.5]
In general, the flu vaccine is effective (n=11,302)												
Strongly agree	3,528	29.4 [29.3-29.6]	1,800	29.1 [28.9-29.3]	1,728	29.7 [29.5-29.9]	956	29.8 [29.6-30.1]	1,250	29.0 [28.7-29.2]	1,322	29.6 [29.4-29.9]
Somewhat agree	4,532	40.2 [40.1-40.2]	2,309	40.1 [40.0-40.2]	2,223	40.2 [40.1-40.3]	1,238	40.8 [40.7-40.9]	1,643	40.1 [39.9-40.2]	1,651	39.8 [39.6-39.9]
Somewhat disagree	1,713	15.9 [15.8-16.0]	906	16.7 [16.5-16.8]	807	15.0 [14.9-15.2]	452	15.4 [15.2-15.6]	625	16.2 [16.0-16.3]	636	15.9 [15.7-16.0]
Strongly disagree	803	7.6 [7.6-7.6]	390	7.2 [7.1-7.3]	413	8.0 [8.0-8.1]	234	8.2 [8.2-8.3]	280	7.4 [7.3-7.5]	289	7.3 [7.3-7.4]
Don't know	726	7.0 [6.9-7.0]	372	6.9 [6.8-7.0]	354	7.0 [6.9-7.1]	167	5.7 [5.6-5.8]	281	7.4 [7.3-7.5]	278	7.4 [7.4-7.5]

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Prefer not to answer was excluded from the above table.

Table 38a. COVID-19 vaccine coverage (having received at least one dose)¹ by location among parents of children younger than 18 years, by child's sex and age group, Canada, 2023

G2. Do you live in an urban or rural area? (n=11,126)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Urban	8,479	93.1 [93.1-93.2]	4,334	92.8 [92.7-92.9]	4,145	93.5↑ [93.4-93.6]	2,240	91.5↑ [91.4-91.6]	3,079	93.7 [93.6-93.7]	3,160	93.8 [93.7-93.9]
Rural	1,801	85.2 [85.0-85.4]	904	85.0 [84.7-85.2]	897	85.5↓ [85.2-85.7]	466	81.5↑ [81.2-81.9]	644	85.3 [85.0-85.6]	691	88.0 [87.7-88.2]

¹ Percent of those indicating 1+ doses.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 38b. COVID-19 vaccine coverage (having received at least one dose)¹ by ethnic/racial background among parents of children younger than 18 years, by child's sex and age group, Canada, 2023²

G3. What is your racial or ethnic background? (n=11,236)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Black (African, Afro-Caribbean, African descent)	434	91.7 [91.5-91.8]	234	91.4 [91.1-91.7]	200	91.9 [91.8-92.1]	134	87.1 [86.7-87.4]	149	92.3 [92.1-92.4]	151	95.4 [95.2-95.5]
East/Southeast Asian (e.g., Chinese, Korean, Japanese, Taiwanese, Filipino, Vietnamese, Cambodian, Thai, Indonesian, other Southeast Asian descent)	578	97.7 [97.6-97.7]	298	97.7 [97.6-97.8]	280	97.6 [97.6-97.7]	146	96.8 [96.6-97.0]	237	97.9 [97.8-98.0]	195	98.0 [97.9-98.2]
Indigenous (First Nations, Métis, Inuk/Inuit)	274	85.2 [84.5-85.8]	141	89.5↑ [88.7-90.4]	133	81.2 [80.3-82.2]	78	82.9 [81.4-84.4]	86	86.9 [85.9-87.9]	110	85.4 [84.5-86.4]

Latin American	193	95.1 [95.0-95.3]	98	96.4 [96.2-96.6]	95	93.9 [93.7-94.2]	54	97.8 [97.6-98.0]	78	97.2 [97.1-97.4]	61	89.5↓ [89.2-89.8]
Middle Eastern and North African (Arab, Algerian, Egyptian, West Asian descent (e.g. Iranian, Israeli, Lebanese, Turkish, Kurdish, etc.))	309	94.8 [94.7-94.9]	151	92.9 [92.7-93.1]	158	96.7 [96.6-96.8]	91	95.1 [95.0-95.3]	111	96.9 [96.8-97.0]	107	92.0 [91.7-92.2]
South Asian descent (e.g., Afghan, Indian, Pakistani, Bangladeshi, Sri Lankan, etc.)	405	97.7 [97.7-97.8]	221	97.7 [97.7-97.8]	184	97.7 [97.6-97.8]	120	97.9 [97.7-98.0]	157	97.3 [97.2-97.3]	128	98.3 [98.1-98.4]
White European descent	8,019	91.8 [91.7-91.9]	4,079	91.5↓ [91.3-91.6]	3,940	92.2 [92.0-92.3]	2,079	89.5↑ [89.4-89.7]	2,877	92.1 [91.9-92.2]	3,063	93.1 [93.1-93.2]
Other	163	87.6 [87.2-87.9]	75	84.6 [84.1-85.1]	88	90.7 [90.3-91.0]	42	88.4 [87.8-89.0]	67	89.9 [89.5-90.2]	54	83.6 [82.9-84.3]

¹ Percent of those indicating 1+ doses.

² Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 38c. COVID-19 vaccine coverage (having received at least one dose)¹ by citizenship status among parents of children younger than 18 years, by child's sex and age group, Canada, 2023²

G7. Which group best defines your citizenship status in Canada? (n=11,148)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Canadian citizen by birth	7,869	91.2 [91.2-91.3]	3,995	90.8 [90.7-90.9]	3,874	91.7 [91.5-91.8]	2,076	89.4 [89.2-89.5]	2,828	91.6 [91.5-91.7]	2,965	92.2 [92.1-92.3]
Canadian citizen by naturalization	1,731	93.2 [93.2-93.3]	892	92.6 [92.6-92.7]	839	93.9 [93.8-94.0]	412	90.4 [90.3-90.5]	643	93.7 [93.6-93.8]	676	94.7 [94.6-94.8]
Permanent resident/landed immigrant	587	94.0 [93.9-94.2]	311	95.7 [95.5-95.9]	276	92.2 [92.0-92.4]	190	92.4 [92.1-92.7]	220	94.9 [94.8-95.1]	177	94.6 [94.4-94.9]
Other (e.g., refugee, holds work or study permit)	95	96.2 [95.9-96.5]	#	#	43	92.2 [91.7-92.7]	35	98.8 [98.5-99.1]	32	95.4 [94.9-95.8]	#	#

¹ Percent of those indicating 1+ doses.

² Among respondents that are not Canadian citizens by birth.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 38d. COVID-19 vaccine coverage (having received at least one dose)¹ by number of years lived in Canada among parents of children younger than 18 years, by child's sex and age group, Canada, 2023²

G8. How many years have you been living in Canada? (n=11,263)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
5 years or less	373	98.1 [98.0-98.2]	202	99.5↓ [99.4-99.6]	171	96.4 [96.3-96.6]	139	98.6 [98.5-98.7]	145	98.7 [98.6-98.9]	89	96.0 [95.6-96.2]
6-10 years	383	95.6 [95.5-95.8]	209	97.2 [97.1-97.4]	174	93.7 [93.5-93.9]	154	94.0 [93.8-94.3]	125	96.1 [95.9-96.3]	104	97.6 [97.4-97.8]
11-15 years	406	95.6 [95.5-95.8]	221	95.2 [95.0-95.4]	185	96.2 [96.1-96.4]	105	95.0 [94.7-95.3]	185	96.8 [96.6-96.9]	116	94.2 [94.0-94.4]
16 years or more	9,195	91.2 [91.1-91.3]	4,651	90.7 [90.6-90.8]	4,544	91.7 [91.6-91.8]	2,330	88.8 [88.7-89.0]	3,303	91.5 [91.4-91.7]	3,562	92.4 [92.3-92.6]

¹ Percent of those indicating 1+ doses.

² Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 38e. COVID-19 vaccine coverage (having received at least one dose)¹ by education level among parents of children younger than 18 years, by child's sex and age group, Canada, 2023

G9. What is the highest level of formal education you have completed? (n=11,153)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Less than high school	139	84.8 [84.0-85.6]	63	81.2 [79.6-82.8]	76	87.9 [87.2-88.7]	46	74.7 [72.5-77.0]	#	#	49	80.3 [79.1-81.6]
High school/Secondary school diploma or equivalent	723	84.0 [83.8-84.2]	378	82.7 [82.4-83.0]	345	85.4 [85.1-85.7]	170	80.1 [79.6-80.5]	239	82.8 [82.5-83.1]	314	87.5↑ [87.2-87.8]
Registered apprenticeship or other trade certificate or diploma	519	82.8 [82.6-83.0]	261	83.5↑ [83.2-83.8]	258	82.1 [81.8-82.4]	138	81.2 [80.7-81.7]	204	83.6 [83.2-83.9]	177	83.0 [82.8-83.3]
College/CEGEP or other non-university certificate or diploma	2,070	89.2 [89.0-89.3]	1,039	88.9 [88.8-89.1]	1,031	89.4 [89.2-89.6]	442	83.7 [83.5-83.9]	772	89.5↓ [89.3-89.6]	856	92.0 [91.8-92.1]
University certificate or diploma below bachelor's level	631	89.2 [89.0-89.3]	324	87.5↓ [87.3-87.7]	307	91.0 [90.8-91.1]	150	86.2 [85.8-86.5]	234	89.3 [89.2-89.5]	247	91.0 [90.8-91.2]
University – bachelor's degree	3,193	94.3 [94.2-94.3]	1,617	93.9 [93.9-94.0]	1,576	94.6 [94.5-94.7]	936	93.6 [93.6-93.7]	1,133	94.5↓ [94.3-94.6]	1,124	94.6 [94.5-94.7]
University – post-graduate degree above bachelor's level	2,983	95.5↑ [95.5-95.6]	1,554	95.6 [95.5-95.7]	1,429	95.5↓ [95.4-95.6]	822	94.2 [94.1-94.3]	1,098	96.6 [96.5-96.7]	1,063	95.4 [95.3-95.6]
Other	31	86.9 [86.4-87.5]	#	#	#	#	#	#	#	#	#	#

¹ Percent of those indicating 1+ doses.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation>35%) or small sample size (numerator <5 or denominator <30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 38f. COVID-19 vaccine coverage (having received at least one dose)¹ by employment status among parents of children younger than 18 years, by child's sex and age group, Canada, 2023

G10. Which best describes your current employment status? Are you... (n=11,132)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Working full-time (35 or more hours per week)	7,473	94.2 [94.2-94.3]	3,802	94.4 [94.3-94.4]	3,671	94.1 [94.0-94.1]	1,932	93.6 [93.5-93.6]	2,690	94.4 [94.3-94.5]	2,851	94.5↓ [94.4-94.5]
Working part-time (less than 35 hours per week)	801	91.9 [91.8-92.0]	406	90.4 [90.2-90.6]	395	93.5↑ [93.4-93.7]	220	90.3 [90.0-90.6]	308	93.4 [93.3-93.6]	273	91.3 [91.0-91.5]
Self-employed	903	81.6 [81.4-81.8]	500	81.4 [81.1-81.6]	403	81.9 [81.6-82.2]	199	76.1 [75.7-76.4]	342	81.2 [80.9-81.5]	362	86.0 [85.8-86.3]
Unemployed, but looking for work	161	93.4 [93.2-93.7]	78	94.1 [93.9-94.4]	83	92.8 [92.4-93.1]	47	94.7 [94.3-95.0]	62	93.5↑ [93.2-93.9]	52	92.1 [91.6-92.6]
A student attending school full-time or part-time	132	94.6 [94.3-94.8]	60	95.9 [95.4-96.5]	72	93.6 [93.3-93.8]	48	95.4 [94.8-96.1]	50	91.5↑ [91.2-91.8]	34	99.0 [98.8-99.2]
Retired	127	90.1 [89.7-90.5]	60	89.7 [89.2-90.2]	67	90.5↑ [89.8-91.2]	#	#	37	98.4 [98.1-98.8]	81	88.5↑ [88.0-89.0]
Not in the workforce (full-time homemaker, unemployed, not looking for work)	510	82.5↑ [82.2-82.8]	251	79.7 [79.4-80.1]	259	85.4 [85.0-85.8]	178	74.3 [73.9-74.7]	186	86.3 [85.9-86.7]	146	89.0 [88.7-89.3]
Other	176	85.6 [85.3-85.8]	86	84.1 [83.6-84.5]	90	87.0 [86.7-87.3]	79	86.0 [85.5-86.5]	47	86.9 [86.6-87.3]	50	83.5↑ [83.0-84.1]

¹ Percent of those indicating 1+ doses.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

High sampling variability (coefficient of variation > 35%) or small sample size (numerator < 5 or denominator < 30) - although an estimate may be determined from the table, data should be suppressed.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 38g. COVID-19 vaccine coverage (having received at least one dose)¹ by employment/volunteer sector among parents of children younger than 18 years, by child's sex and age group, Canada, 2023²

G11. Are you currently working or volunteering in any of the following sectors? (n=11,236)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Health care or laboratory worker	1,573	95.6 [95.5-95.7]	778	95.4 [95.3-95.6]	795	95.8 [95.7-96.0]	458	93.8 [93.6-94.0]	561	97.1 [97.0-97.3]	554	95.4 [95.2-95.6]
Child care or schools	1,442	94.9 [94.8-95.0]	739	94.0 [93.9-94.1]	703	95.8 [95.7-96.0]	333	92.1 [91.9-92.3]	526	95.4 [95.3-95.6]	583	96.2 [96.1-96.3]
Exposed to animals or their materials	165	78.1 [77.5-78.7]	78	79.3 [78.5-80.1]	87	77.1 [76.2-78.0]	39	69.2 [68.0-70.4]	64	77.1 [76.1-78.2]	62	86.0 [85.3-86.7]
Emergency services worker	274	92.5↑ [92.2-92.8]	152	94.0 [93.7-94.3]	122	90.3 [89.7-90.9]	69	89.3 [88.3-90.4]	119	90.8 [90.4-91.1]	86	98.7 [98.5-98.9]
Other	462	91.9 [91.7-92.1]	228	91.0 [90.7-91.3]	234	92.8 [92.5-93.1]	112	94.1 [93.6-94.5]	171	92.2 [91.9-92.5]	179	90.2 [89.8-90.5]
I don't work in any of the above sectors (exclusive)	6,513	91.1 [91.1-91.2]	3,354	90.8 [90.7-90.9]	3,159	91.5↓ [91.4-91.6]	1,734	89.1 [89.0-89.2]	2,365	91.6 [91.6-91.7]	2,414	92.1 [92.0-92.2]

¹ Percent of those indicating 1+ doses.

² Multiple response options could be selected by respondents.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.

Table 38h. COVID-19 vaccine coverage (having received at least one dose)¹ by household income among parents of children younger than 18 years, by child's sex and age group, Canada, 2023

G12. What was your total household income, before taxes and deductions, for the year ending December 31, 2022? (n=10,390)												
	Overall		Parents of males		Parents of females		Parents of 6 months-4 years		Parents of 5-11 years		Parents of 12-17 years	
	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %	n	Weighted %
Under \$40,000	719	88.0 [87.8-88.2]	376	87.0 [86.7-87.2]	343	89.1 [88.8-89.3]	178	83.0 [82.5-83.4]	280	90.7 [90.5-90.9]	261	88.4 [88.1-88.6]
\$40,000 to \$79,999	1,656	88.6 [88.5-88.8]	846	87.6 [87.4-87.7]	810	89.8 [89.6-90.0]	471	86.0 [85.7-86.3]	588	89.7 [89.5-89.9]	597	89.6 [89.4-89.8]
\$80,000 to \$149,999	3,522	92.4 [92.3-92.5]	1,806	92.8 [92.7-92.9]	1,716	91.9 [91.8-92.0]	969	90.0 [89.8-90.1]	1,288	92.8 [92.6-92.9]	1,265	93.8 [93.7-93.9]
\$150,000 and above	3,724	94.3 [94.2-94.4]	1,876	94.0 [94.0-94.1]	1,848	94.6 [94.5-94.7]	944	93.5↓ [93.4-93.6]	1,356	94.7 [94.6-94.8]	1,424	94.4 [94.4-94.5]

¹ Percent of those indicating 1+ doses.

[95% confidence intervals in brackets]

The symbols ↑ and ↓ refer to the direction of rounding to integers.

n = number of respondents (unweighted).

Data was weighted by sex of child, age group and province/territory of residence.

Don't know and prefer not to answer were excluded from the above table.

Source: Childhood COVID-19 Immunization Coverage Survey, 2023.