

## 2019 CMA Physician Workforce Survey Confidence Intervals

### Respondent eligibility

The 2019 CMA Physician Workforce Survey was available to all licensed physicians practising in Canada whether they were in full or part-time practices, locums, employed in a medically related field, or on leave. Medical students, residents, and retired physicians were not eligible to participate.

Physicians could access the survey via personalized links emailed to them or via a *Link Finder* mechanism. The email contact list was generated from the CMA client relationship management system. Those for whom an email address was not available could access their personalized link to the survey using the *Link Finder*, the link to which was distributed through the CMA website and other media channels (specialty and provincial websites, newsletters, social media etc.).

Response rate calculations are based on those who were definitively determined to have received a personalized link to the survey either by email or through the *Link Finder*.

### Confidence intervals by province and territories

Family physicians					Other specialists					All physicians				
	Response rate	Survey respondents	Sample population	Margin of error (95% Confidence Interval)*		Response rate	Survey respondents	Sample population	Margin of error (95% Confidence Interval)*		Response rate	Survey respondents	Sample population	Margin of error (95% Confidence Interval)*
	%	n	N			%	n	N			%	n	N	
<b>Total</b>	12.78%	3585	28061	1.64%	<b>Total</b>	12.93%	3177	24572	1.74%	<b>Total</b>	12.8%	6762	52633	1.19%
<b>Province</b>					<b>Province</b>					<b>Province</b>				
NL	12.41%	69	556	11.80%	NL	14.02%	61	435	12.55%	NL	13.12%	130	991	8.60%
PE	20.59%	28	136	18.52%	PE	16.25%	13	80	27.18%	PEI	18.98%	41	216	15.31%
NS	15.51%	134	864	8.47%	NS	19.00%	141	742	8.25%	NS	17.12%	275	1606	5.91%
NB	13.50%	115	852	9.14%	NB	21.38%	102	477	9.70%	NB	16.33%	217	1329	6.65%
QC	10.10%	260	2574	6.08%	QC	10.21%	293	2871	5.73%	QC	10.16%	553	5445	4.17%
ON	11.98%	1237	10325	2.79%	ON	10.89%	1080	9920	2.98%	ON	11.44%	2317	20245	2.04%
MB	13.98%	168	1202	7.56%	MB	14.66%	169	1153	7.54%	MB	14.31%	337	2355	5.34%
SK	15.19%	165	1086	7.63%	SK	19.98%	167	836	7.58%	SK	17.27%	332	1922	5.38%
AB	12.68%	618	4872	3.94%	AB	15.45%	570	3690	4.10%	AB	13.88%	1188	8562	2.84%
BC	14.18%	755	5323	3.57%	BC	13.42%	568	4233	4.11%	BC	13.84%	1323	9556	2.69%
NT, YT, NU	28.35%	36	127	16.33%	NT, YT, NU	41.94%	13	31	27.18%	NT, YT, NU	31.01%	49	158	14.00%
Unknown	na	0	144	na	Unknown	na	0	104	na	Unknown	na	0	248	na

na = Not applicable

\* 95% Confidence Interval = estimates are considered accurate within +/-x%, 19 times out of 20

### Confidence intervals by age group and gender

Family physicians					Other specialists					All physicians				
	Response rate	Survey respondents	Sample population	Margin of error (95% Confidence Interval)*		Response rate	Survey respondents	Sample population	Margin of error (95% Confidence Interval)*		Response rate	Survey respondents	Sample population	Margin of error (95% Confidence Interval)*
	%	n	N			%	n	N			%	n	N	
<b>Total</b>	12.78%	3585	28061	1.64%	<b>Total</b>	12.93%	3177	24572	1.74%	<b>Total</b>	12.85%	6762	52633	1.19%
<b>Age group</b>					<b>Age group</b>					<b>Age group</b>				
34 and under	10.09%	415	4114	4.81%	34 and under	6.62%	153	2310	7.92%	34 and under	8.84%	568	6424	4.11%
35 - 44	11.54%	845	7325	3.37%	35 - 44	10.74%	787	7329	3.49%	35 - 44	11.14%	1632	14654	2.43%
45 - 54	11.92%	811	6802	3.44%	45 - 54	12.97%	795	6128	3.48%	45 - 54	12.42%	1606	12930	2.45%
55 - 64	15.40%	948	6154	3.18%	55 - 64	16.28%	818	5024	3.43%	55 - 64	15.80%	1766	11178	2.33%
65 and over	13.78%	484	3513	4.45%	65 and over	14.71%	538	3658	4.23%	65 and over	14.25%	1022	7171	3.07%
Not known	na	82	153	10.82%	Not known	na	86	123	10.57%	Not known	na	168	276	7.56%
<b>Gender</b>					<b>Gender</b>					<b>Gender</b>				
Male	11.43%	1725	15095	2.36%	Male	12.55%	1906	15193	2.24%	Male	11.99%	3631	30288	1.63%
Female	14.07%	1821	12947	2.30%	Female	13.31%	1247	9366	2.78%	Female	13.75%	3068	22313	1.77%
Non-binary	**	9	**	32.67%	Non-binary	**	5	**	43.83%	Non-binary	**	14	**	26.19%
Not known	na	30	19	17.89%	Not known	na	19	13	22.48%	Not known	na	49	32	14.00%

na = Not applicable

\* 95% Confidence Interval = estimates are considered accurate within +/-x%, 19 times out of 20

\*\* Insufficient information