



Association pour la santé environnementale du Québec
Environmental Health Association of Québec

Demographic characteristics of the MCS population in Quebec in 2020

Introduction: this document presents the prevalence of MCS and at least one other chronic condition in Québec in 2020.

Source: Canadian Community Health Survey (CCHS) 2020, Statistics Canada.
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The table below illustrates the presence and absence of chronic conditions among those with or without MCS, by age, Quebec, 2020.

Condition	Stratifier	Age	Number of people	CV	95% Confidence interval (number)	Percentage of people	CV	95% Confidence interval (percentage)
Has MCS	Total population	Total	251,000	10.09	201,400 - 300,600	3.44	10.09	2.76 – 4.12
		55 and under	123,900 ^E	17.29	81,900 - 165,900	2.76 ^E	17.26	1.82 – 3.69
		Over 55	127,000	10.89	99,900 – 154,200	4.54	10.7	3.59 – 5.5
	Has at least 1 other physical chronic condition	Total	189,600	9.83	153,100 – 226,100	75.54	7.25	64.81 – 86.27
		55 and under	86,900 ^E	17.27	57,500 – 116,300	70.11	14.06	50.79 – 89.42
		Over 55	102,700	10.44	81,700 – 123,700	80.84	6.41	70.69 – 90.99
	No other chronic condition	Total	61,400 ^E	27.68	28,100 – 94,700	24.46 ^E	22.38	13.73 – 35.19
		55 and under	F	/	/	29.89 ^E	32.97	10.58 – 49.21
		Over 55	24,300 ^E	33.58	8,300 – 40,400	19.16 ^E	27.03	9.01 – 29.31
No MCS	Total population	Total	7,040,800	0.37	6,989,600 – 7,092,200	96.56	0.36	95.88 – 97.24
		55 and under	4,371,600	0.91	4,293,700 – 4,449,400	97.24	0.49	96.31 – 98.18
		Over 55	2,669,200	1.33	2,599,700 – 2,738,700	95.46	0.51	94.5 – 96.41
	Has at least 1 other physical chronic condition	Total	3,165,100	2.04	3,038,700 – 3,291,400	44.95	2	43.19 – 46.72
		55 and under	1,287,900	4.38	1,177,300 – 1,398,500	29.46	4.16	27.06 – 31.86
		Over 55	1,877,200	2.16	1,797,900 – 1,956,500	70.33	1.87	67.76 – 72.9
	No other chronic condition	Total	3,875,700	1.68	3,748,400 – 4,003,000	55.05	1.64	53.28 – 56.81
		55 and under	3,083,700	1.85	2,972,000 – 3,195,400	70.54	1.74	68.14 – 72.94
		Over 55	792,000	4.77	717,900 – 866,100	29.67	4.42	27.1 – 32.24

Source: Canadian Community Health Survey (CCHS) 2020

E: use with caution

F: not available

Note: the list of chronic conditions includes asthma, chronic obstructive pulmonary disease (COPD), fibromyalgia, arthritis, hypertension, heart disease, suffers from the effects of a stroke, diabetes, dementia, chronic fatigue syndrome, mood disorder or anxiety disorder.

Summary description:

- Approximately **3.44%** of the total Quebec population **have a diagnosis of MCS.**
- **75.54%** of people diagnosed with MCS have **at least one other additional chronic condition** whereas 44.95% of the general population without MCS have an additional chronic condition.
- For people diagnosed with MCS **over the age of 55**, about **80.84%** have **at least one other additional chronic condition.** Whereas, 70.33% of the general population without MCS have an additional chronic condition.

The table below illustrates the presence and absence of chronic conditions among those with or without MCS, by sex, Quebec, 2020.

Condition	Stratifier	Age	Number of people	CV	95% Confidence interval (number)	Percentage of people	CV	95% Confidence interval (percentage)
Has MCS	Total population	Total	251,000	10.09	201,400 - 300,600	3.44	10.09	2.76 – 4.12
		Male	69,900	17.79	45,500 – 94,300	1.92 ^E	17.83	1.25 – 2.59
		Female	181,100	11.6	139,900 – 222,300	4.95	11.6	3.83 – 6.08
	Has at least 1 other physical chronic condition	Total	189,600	9.83	153,100 – 226,100	75.54	7.25	64.81 – 86.27
		Male	57,100 ^E	18.48	36,500 – 77,800	81.77	10.45	65.02 – 98.52
		Female	132,400	11.28	103,200 – 161,700	73.14	9.47	59.57 – 86.71
	No other chronic condition	Total	61,400 ^E	27.68	28,100 – 94,700	24.46 ^E	22.38	13.73 – 35.19
		Male	F	/	/	F	/	/
		Female	48,600 ^E	32.13	18,000 – 79,300	28.46 ^E	25.77	13.29 – 40.43
No MCS	Total population	Total	7,040,800	0.37	6,989,600 – 7,092,200	96.56	0.36	95.88 – 97.24
		Male	3,565,700	0.41	3,537,200 – 3,594,200	98.08	0.35	97.41 – 98.75
		Female	3,475,100	0.62	3,432,800 – 3,517,400	95.05	0.6	93.92 – 96.17
	Has at least 1 other physical chronic condition	Total	3,165,100	2.04	3,038,700 – 3,291,400	44.95	2	43.19 – 46.72
		Male	1,492,900	2.92	1,407,400 – 1,578,400	41.87	2.83	39.54 – 44.19
		Female	1,672,200	2.71	1,583,400 - 1,760,900	48.12	2.65	45.62 – 50.61
	No other chronic condition	Total	3,875,700	1.68	3,748,400 – 4,003,000	55.05	1.64	53.28 – 56.81
		Male	2,072,800	2.02	1,990,600 – 2,155,000	58.13	2.04	55.81 – 60.46
		Female	1,802,900	2.54	1,713,200 – 1,892,600	51.88	2.45	49.39 – 54.38

Source: Canadian Community Health Survey (CCHS) 2020

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F: not available

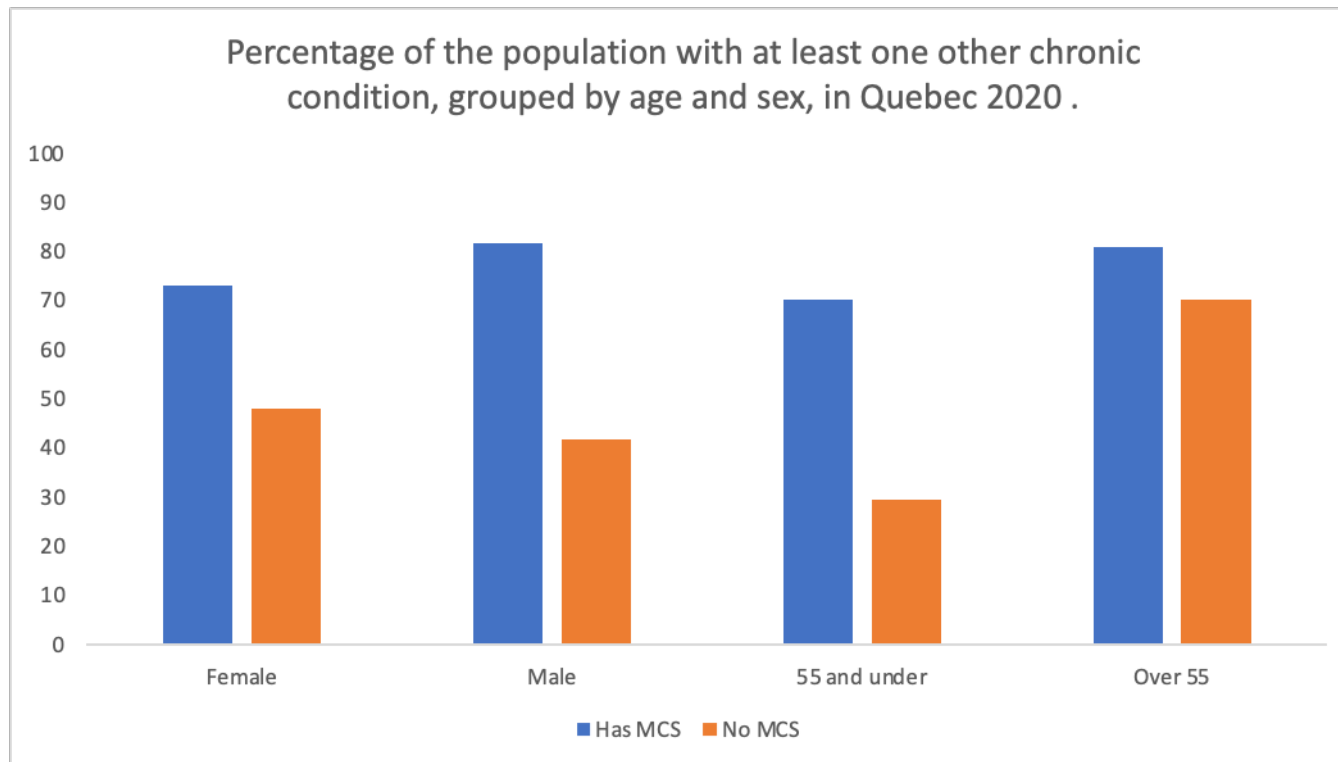


Note: the list of chronic conditions includes asthma, chronic obstructive pulmonary disease (COPD), fibromyalgia, arthritis, hypertension, heart disease, suffers from the effects of a stroke, diabetes, dementia, chronic fatigue syndrome, mood disorder or anxiety disorder.

Summary description:

- **For people diagnosed with MCS in Québec, more males (81.77%) have an additional chronic condition than females with MCS (73.14%).**
- **For the general population in Québec: more females (48.12%) have an additional chronic condition than males (41.87%).**

The graph shows the comparison between the general population and the population living MCS, grouped by age and sex.



Summary description: In general, the population diagnosed with MCS are **more likely to have at least one additional chronic condition than** the population without MCS **regardless of age or sex**, in Quebec.