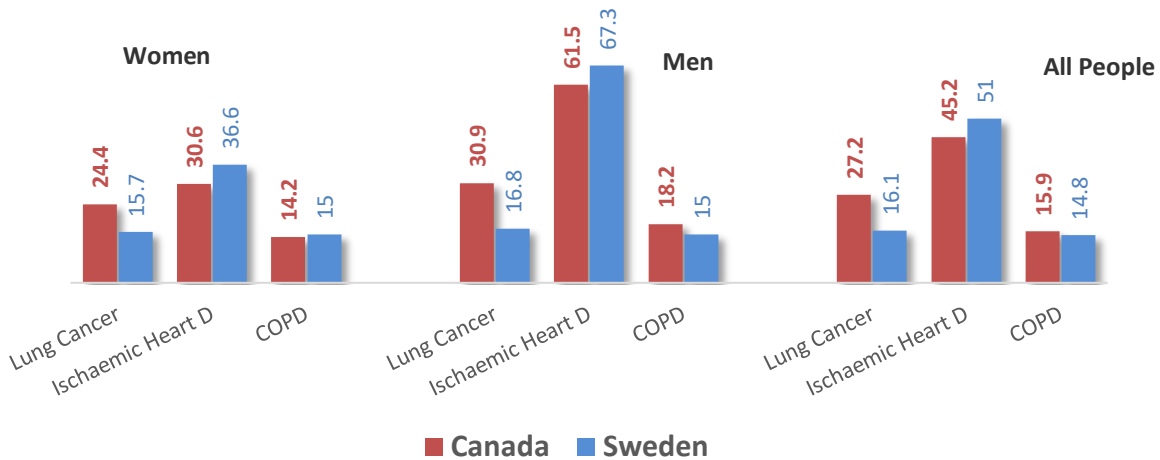


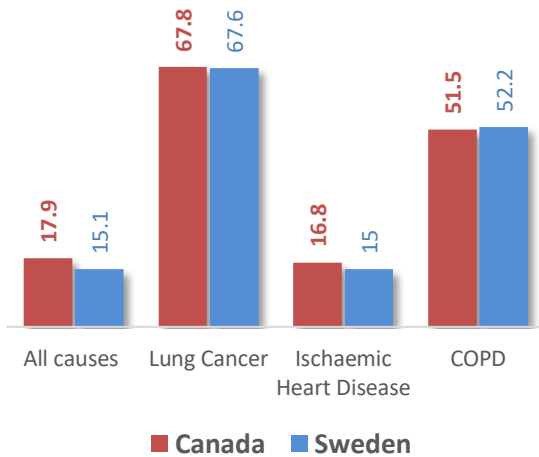
Tobacco-related diseases and deaths. Canada and Sweden

July 2024

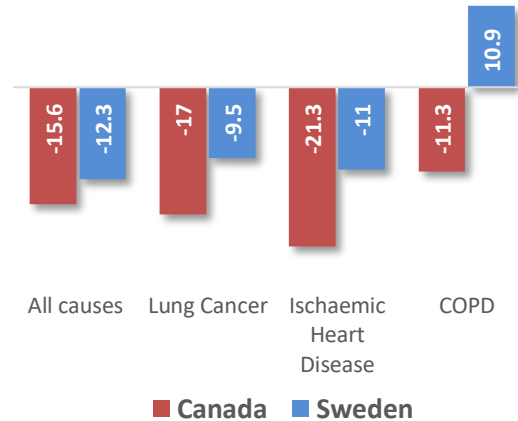
Age-standardized deaths by cause per 100,000 population (WHO, 2019)



Percentage of deaths attributed to tobacco 2019 (GBD)



Percentage change in age-standardized death rate from tobacco 1990-2019 (GBD)



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Number of deaths attributed to risk factors and proportion of deaths from those diseases: tobacco (GBD)¹

	Canada			Sweden			
	2019	Smoking-related deaths (000s)	PAF (%)	% change 1990-2019*	Smoking-related deaths (000s)	PAF (%)	% change 1990-2019*
Tobacco, all causes		51.7	17.9	-15.6	14.2	15.1	-12.3
Tobacco: Trachea, Bronchus, Lung Cancers		16.3	67.8	-17	2.93	67.6	-9.57
Tobacco: Ischaemic Heart Disease		8.22	16.8	-21.3	2.84	15	-11
Tobacco: Chronic Obstructive Pulmonary Disease		8.03	51.5	-11.3	1.98	52.2	+10.9

*percentage change in age-standardized deaths from tobacco

Number of deaths by cause (000s) (WHO)²

	Canada			Sweden			
	2019	All deaths	Male deaths	Female deaths	All deaths	Male deaths	Female deaths
Trachea, Bronchus, Lung Cancers		20.9	11.1	9.9	3.7	1.9	1.9
Ischaemic Heart Disease		40.1	22.6	17.4	15.1	8.0	7.1
Chronic Obstructive Pulmonary Disease		14.2	7.1	7.2	4.3	1.9	2.4
All causes, all ages		278.2	141.9	136.3	92.2	45.5	46.8

Deaths by cause per 100 000 population by cause (WHO)³

	Canada			Sweden			
	2019	All deaths	Male deaths	Female deaths	All deaths	Male deaths	Female deaths
Trachea, Bronchus, Lung Cancers		56.0	59.6	52.4	17.6	23.2	11.9
Ischaemic Heart Disease		107.1	121.9	92.5	111.9	129.6	93.9
Chronic Obstructive Pulmonary Disease		38.0	38.0	38.0	15.9	18.9	12.9

Age-standardized deaths by cause per 100,000 population (WHO)⁴

	Canada			Sweden			
	2019	All deaths	Male deaths	Female deaths	All deaths	Male deaths	Female deaths
Trachea, Bronchus, Lung Cancers		27.2	30.9	24.4	16.1	16.8	15.7
Ischaemic Heart Disease		45.2	61.5	30.6	51.0	67.3	36.6
Chronic Obstructive Pulmonary Disease		15.9	18.2	14.2	14.8	15.0	15.0

Data Sources:

- 1 GBD 2019 Diseases and Injuries Collaborators. Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2020 Oct 17;396(10258):1204-1222. doi: 10.1016/S0140-6736(20)30925-9. Supplementary Tables.
- 2 World Health Organization. Summary Table Number of Deaths, WHO Member States 2019. Available at: World Health Organization. Cause-specific mortality, 2000–2021 <https://www.who.int/data/gho/data/themes/mortality-and-global-health-estimates/ghe-leading-causes-of-death>
World Health Organization. Estimated deaths ('000) by cause, sex and WHO Member State (1), 2019 Data file. https://cdn.who.int/media/docs/default-source/gho-documents/global-health-estimates/ghe2019_deaths-2019-country0ebf9692-5857-4077-8161-7b72c3e4599b_497e8fe7-bd5d-4de8-b039-fe71139618ed.xlsx?sfvrsn=1c8a2543_7
- 3 World Health Organization. Summary Table Death Rates WHO Member States 2019. Available at: World Health Organization. Cause-specific mortality, 2000–2021 <https://www.who.int/data/gho/data/themes/mortality-and-global-health-estimates/ghe-leading-causes-of-death>
- 4 World Health Organization. Summary Table Death Rates WHO Member States 2019. Available at: World Health Organization. Cause-specific mortality, 2000–2021 <https://www.who.int/data/gho/data/themes/mortality-and-global-health-estimates/ghe-leading-causes-of-death>