



**The effect of cost on access  
to medicines for older adults  
in Canada and abroad**

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**Background: cost is a known access barrier**

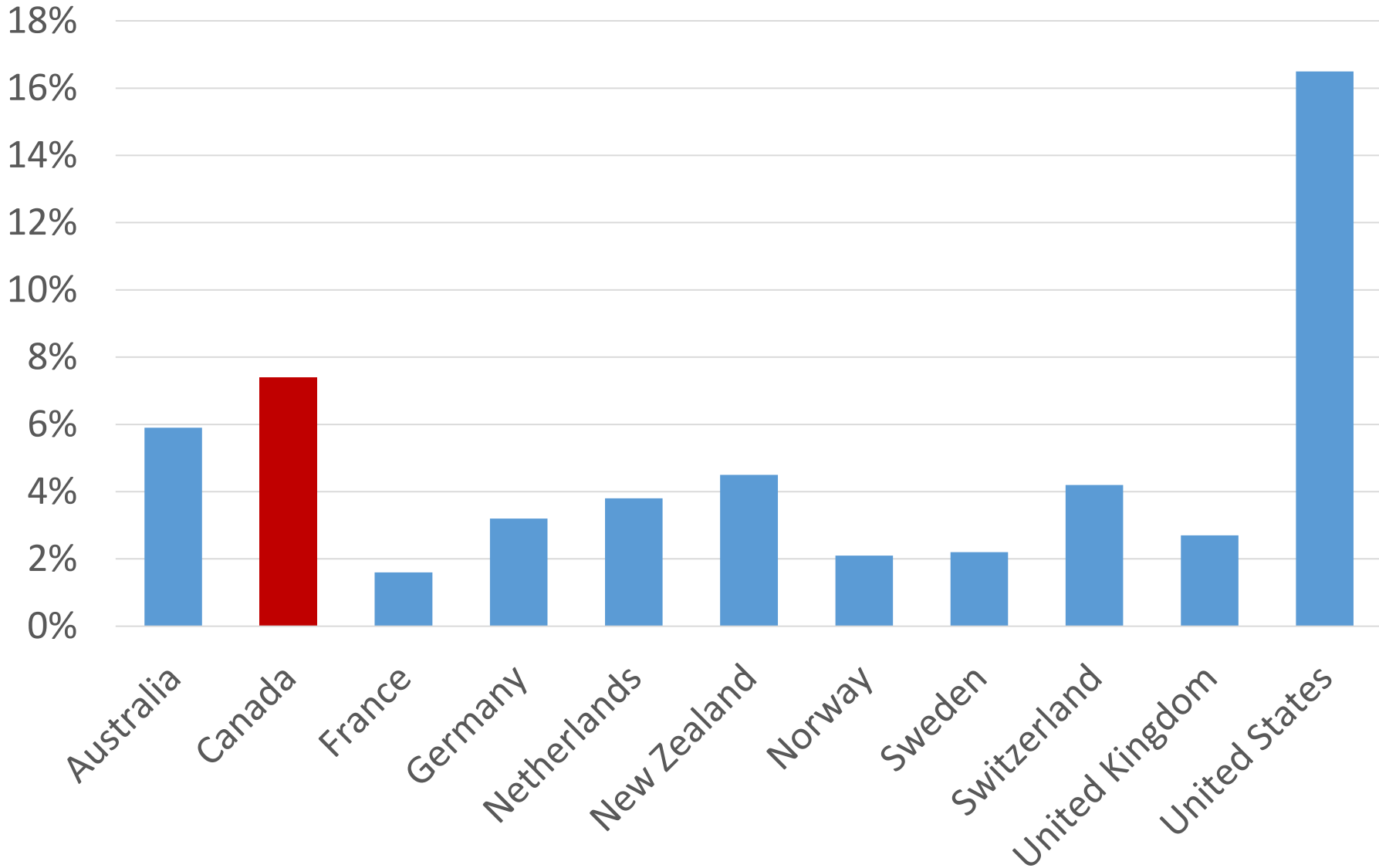


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**Data and methods**

# Cost-related Non-Adherence by Country



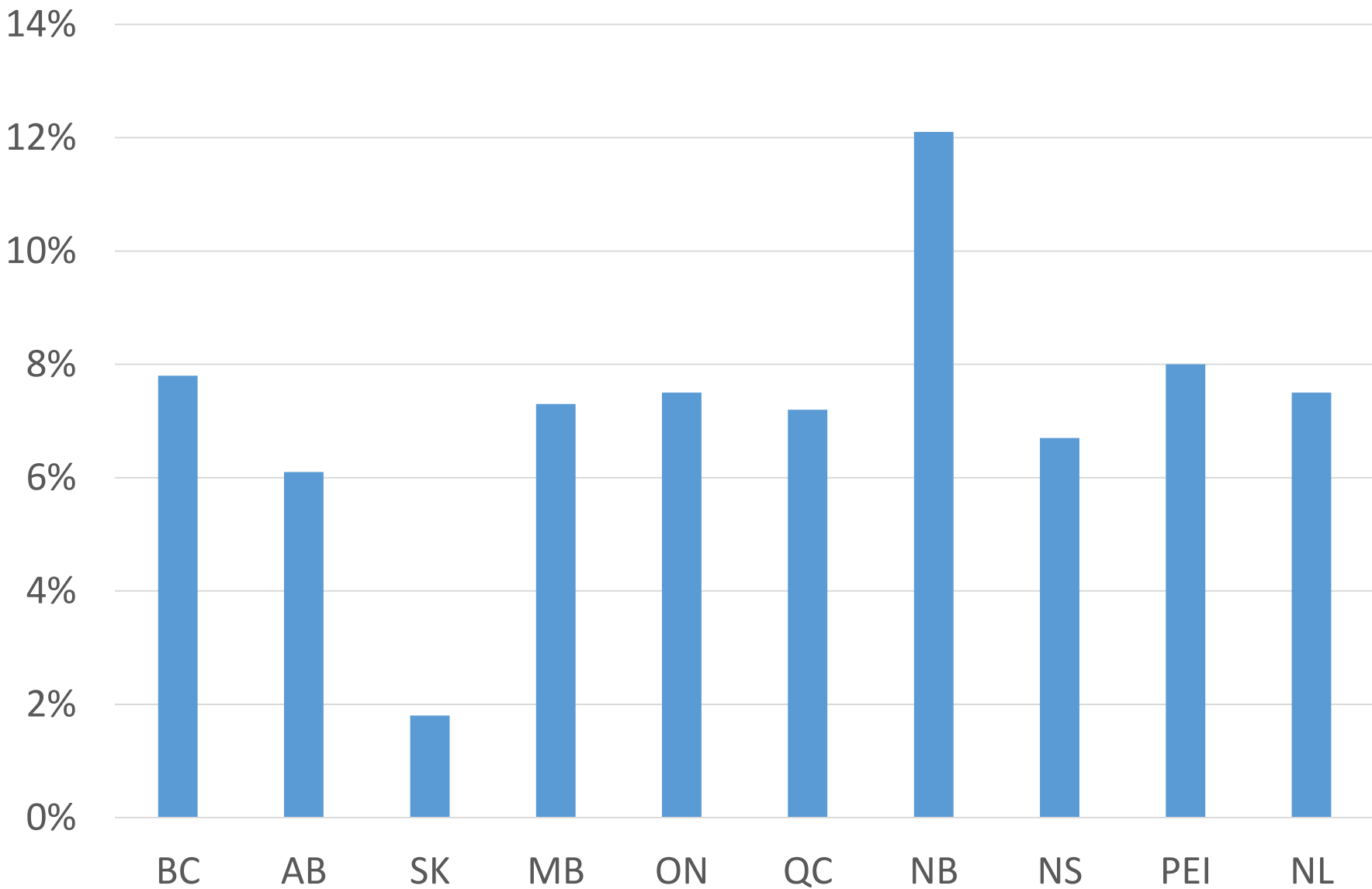
# CRNA and adjusted odds by country

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<b>Country</b>	<b>CRNA rate %</b>	<b>Adjusted Odds</b>	
		<b>Ratio</b>	<b>P-value</b>
Australia	5.9	2.04	0.002
Canada	7.4	2.78	0.000
France	1.6	0.56	0.048
Germany	3.2	1.11	0.721
Netherlands	3.8	1.11	0.717
New Zealand	4.5	1.92	0.019
Norway	2.1	0.61	0.109
Sweden	2.2	0.79	0.307
Switzerland	4.2	0.88	0.621
UK	2.7	Ref.	0.000
United States	16.5	6.69	0.000

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# Cost Related Non-Adherence by Province



# CRNA and adjusted odds by region

## Canadians age 55+

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Region	CRNA rate %	Adjusted Odds	
		Ratio	P-value
Ontario	8.9	-	-
BC + MB	8.5	0.99	0.98
AB+ SK	5.7	0.87	0.43
Quebec	8	0.78	0.18
Atlantic	9.5	1.04	0.81

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# CRNA and adjusted odds by region

## Canadians age 55 to 64

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Region	CRNA rate %	Adjusted Odds	
		Ratio	P-value
Ontario	14.4	-	-
BC + MB	17.4	1.17	0.614
AB+ SK	7.5	0.73	0.228
Quebec	9.2	0.49	0.007
Atlantic	14.5	0.79	0.333

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# CRNA and adjusted odds by region

## Canadians age 65+

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Region	CRNA rate %	Adjusted Odds	
		Ratio	P-value
Ontario	7.1	-	-
BC + MB	4.4	0.81	0.568
AB+ SK	2.7	1.04	0.887
Quebec	4.2	1.29	0.334
Atlantic	6.5	1.40	0.176

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# Covariates

- **Income:** Those who reported having low incomes had an odds of CRNA almost 3x greater than those reporting having high incomes
- **Health Status:** Those who reported having “poor” or “fair” health had odds 1.7x greater than those with “good health”, and double that of those who rated themselves at “Very good” and “excellent”
- **Private Insurance:** Those without private insurance had an odds of CRNA 2.3x greater than someone with insurance



**Discussion: Canada lags all but the USA**

# INSURANCE CLAIM FORM

## ACCOUNT SUMMARY

Service Date

Acct # 20417753

Agency Services

Description

Total

287.00

100.00

**Discussion: Canadian gap bigger under age 65**