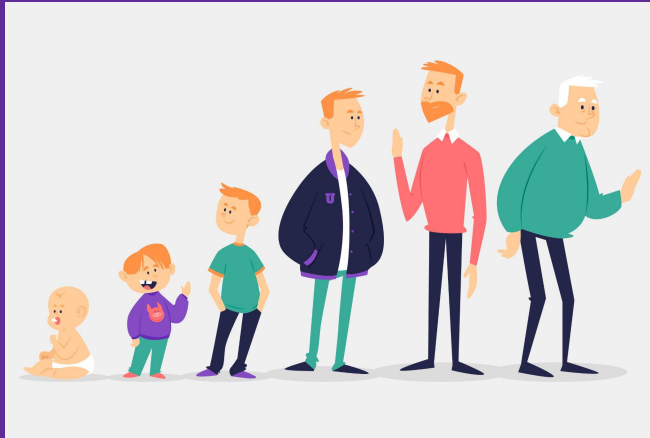


Aging in British Columbia

Dashboard Overview

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July 31, 2023



Img: <https://www.freepik.com/>

Objective

- Sustaining the provincial economy with insights on the population aging and future recommendations for the government.

Definition

Dependency:

“the state of relying on or being controlled by someone or something else”

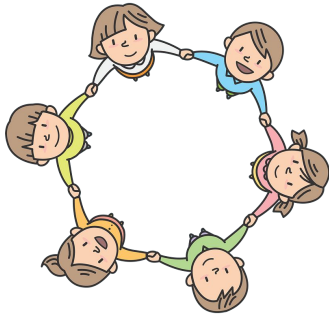
Demographically, dependency ratio is the proportion of the dependant population (non-earning) to the independent (earning population)

Significance

Dependency ratio is a influential factor in the economic health of province

Children dependants

- An Investment for the future
- Need expenditure on resources - Education , Healthcare.

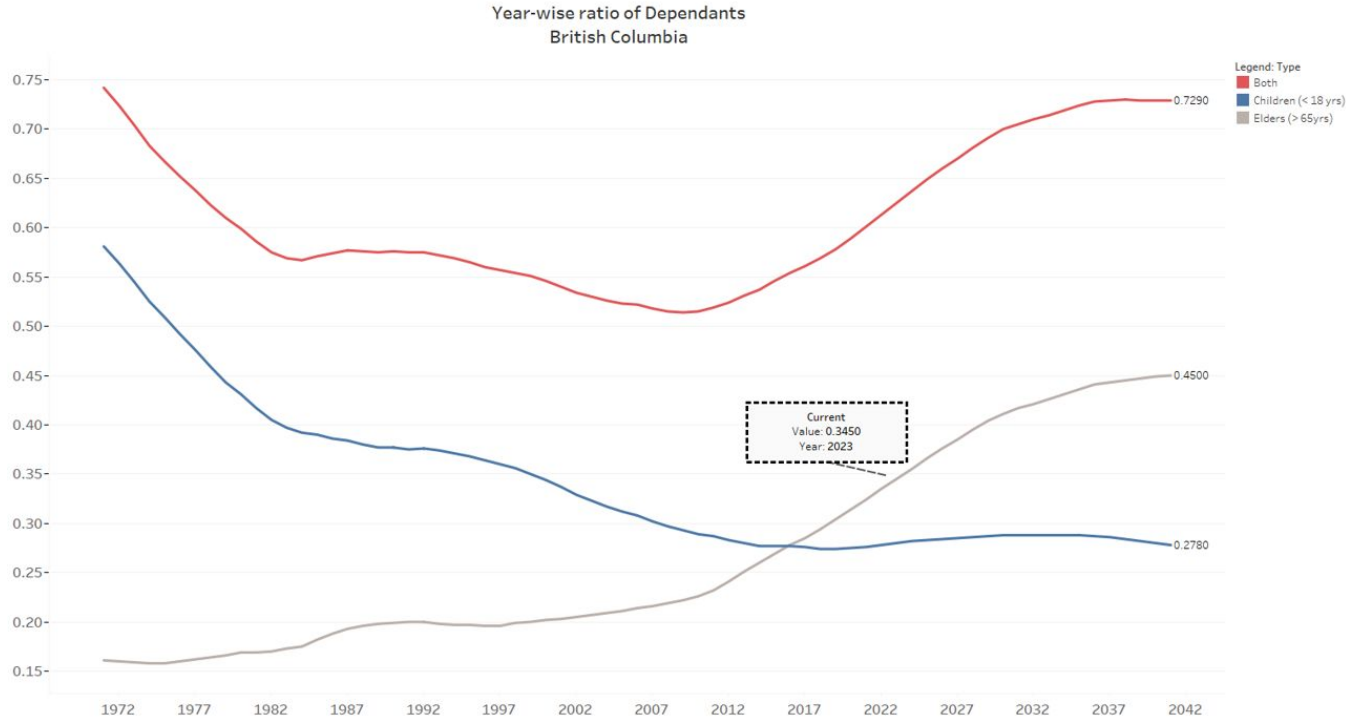


Elderly dependants

- Wisdom for the present
- A declining resource for future
- Need expenditure on resources - Healthcare , Pension



Dependency ratio in British Columbia (B.C.)



- The ratio of Elderly dependents exceeds the the ratio of Children dependents.
- Nearly 73% of B.C. population will be dependent by 2041.
- 45% of population will be elderly

Impact of high elderly dependency ratio



Decrease in tax income to provincial
government



Increase in Healthcare expenses

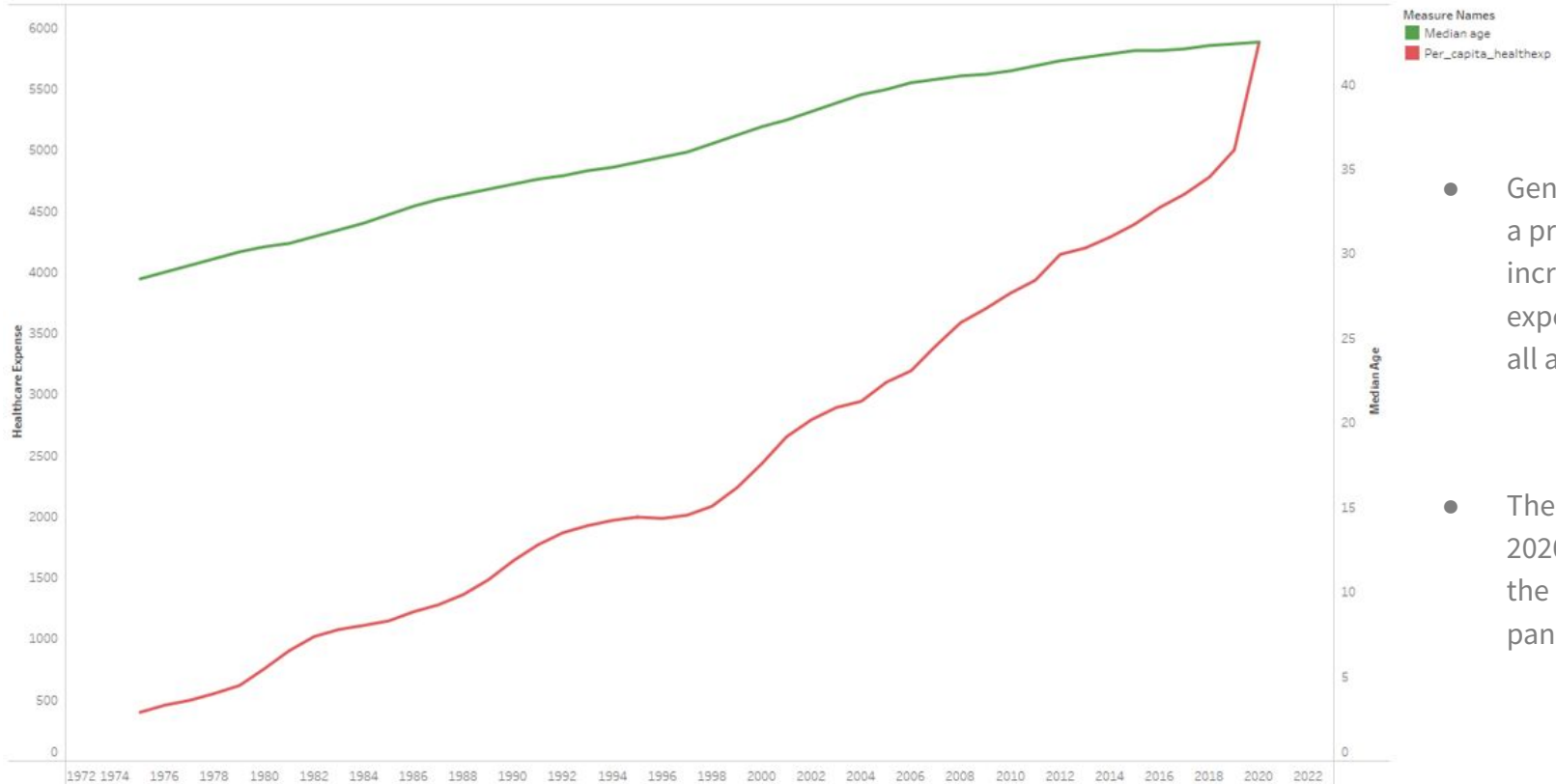


Stagnation of cultural and economic
change



Healthcare in B.C.

Per-Capita healthcare expenses
by public sector (in CAD)



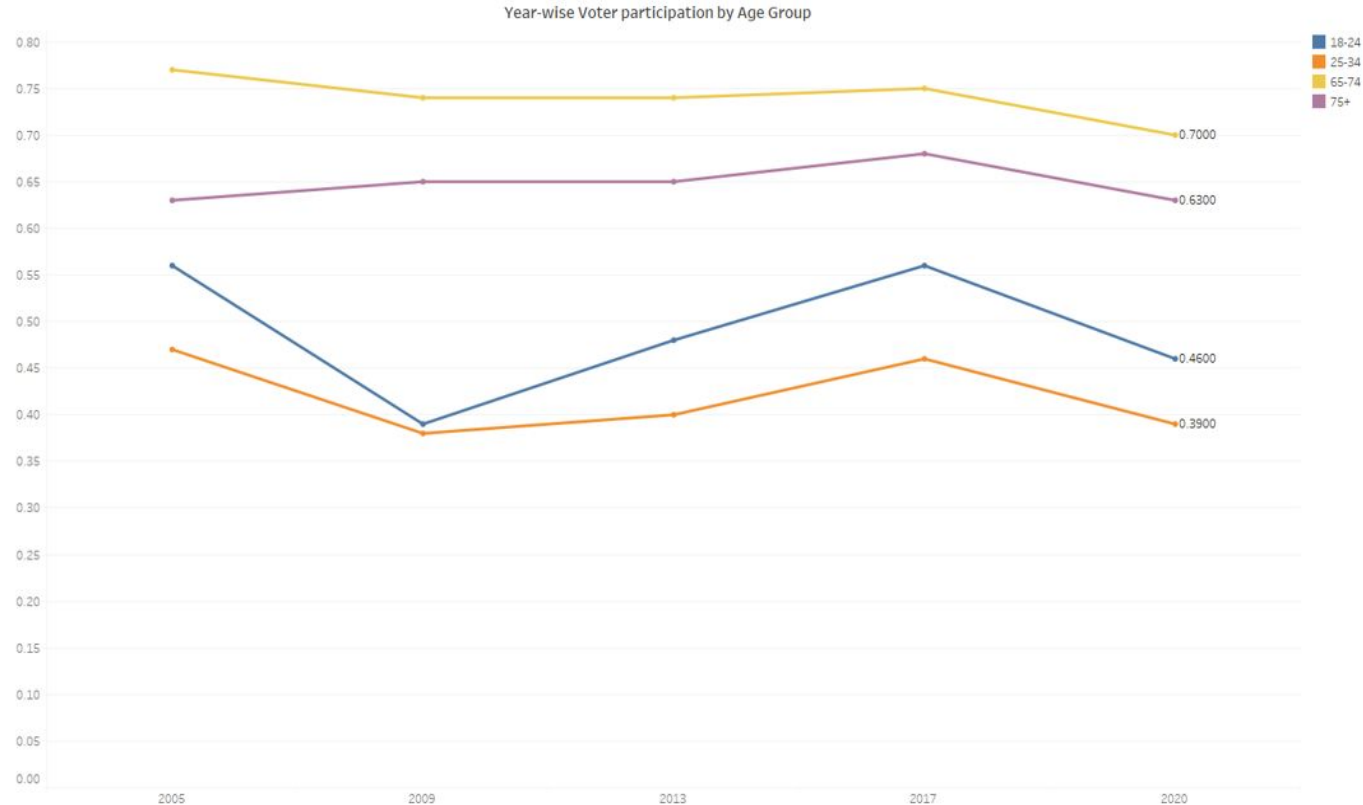
- General trend is a progressive increase in expenditure for all age-groups.
- The spike in 2020 is due to the Covid pandemic.

Surprising Impact

Voter turnout, often overlooked factor is be influenced heavily by dependency ratio!

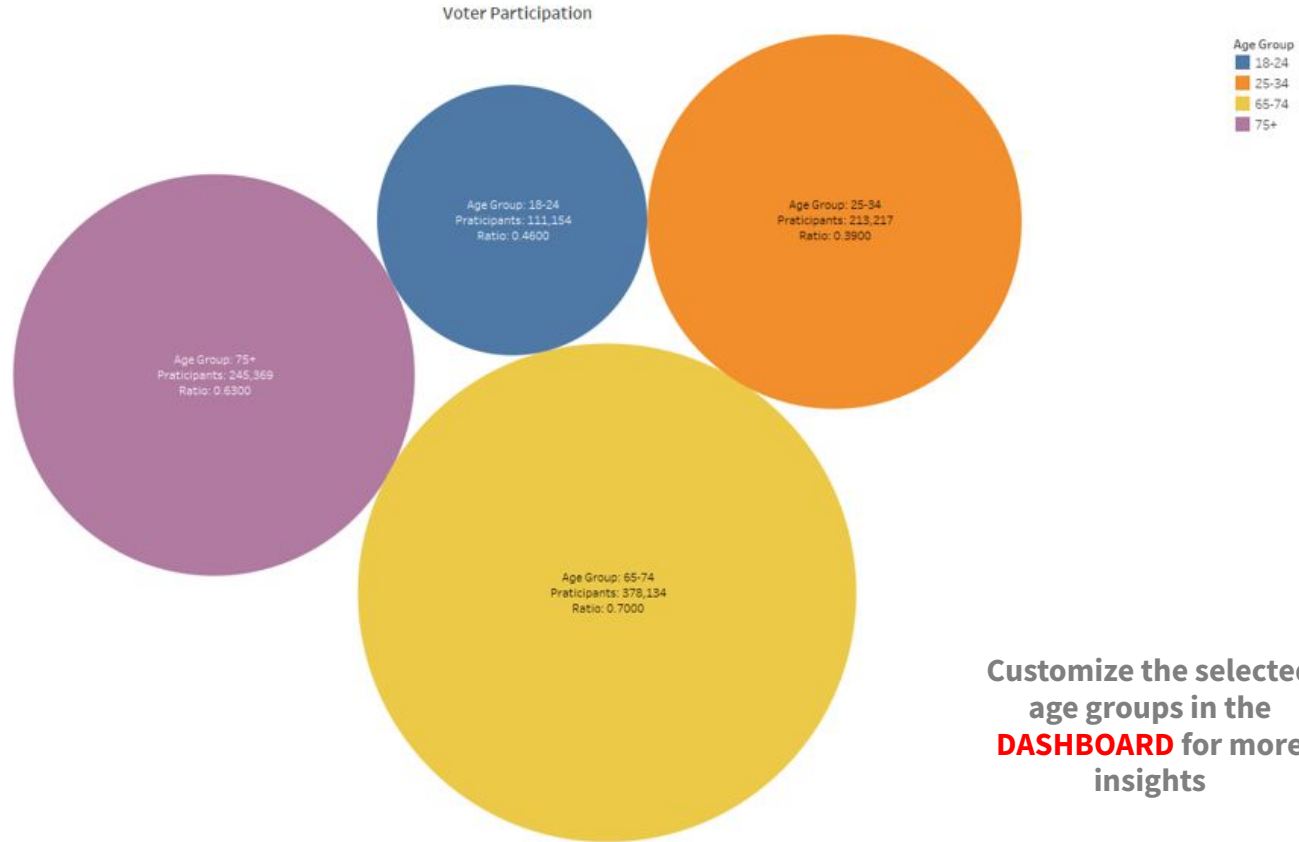


Voter Participation



- 63% of 75+ yrs registered elders, participated in 2020 General Elections
- 46% of 18-24 yrs registered persons, participated in 2020 General Elections.

Voter Participation in 2020



Year-wise ratio of Dependents
British Columbia

Legend: Type
 ■ Both
 ■ Children (< 18 yrs)
 ■ Elders (> 65yrs)

Current Value: 0.3450
Year: 2023

Select Dependent
☒ Both
☒ Children (< 18 yrs)
☒ Elders (> 65yrs)

Year of Year 2020

Age Group
☒ 18-24
☒ 25-34
☒ 35-44
☒ 45-54
☒ 55-64
☒ 65-74
☒ 75+

Per-Capita healthcare expenses by public sector (in CAD)

Year-wise Voter participation by Age Group

Voter Participation

Age Group
 ■ 18-24
 ■ 25-34
 ■ 65-74
 ■ 75+

Age Group
☒ 18-24
☒ 25-34
☒ 35-44
☒ 45-54
☒ 55-64
☒ 65-74
☒ 75+

Total registered voters
1,723,843

Key Takeaways

- 73% of the population in B.C. will be dependent by 2041. 45% of the population will be elderly of age 65+ yrs.
- Per-capita Public Healthcare expenditure in 2020 was nearly 6000 CAD. It will increase with increasing elderly dependency ratio.
- Children promise a future of continuous revenue. Income from taxes in future, will decrease with a decreasing Children dependency ratio.
- Elders participation in general elections in high, future government mandates and popular decision might revolve around the interests of the Elders.
- There is a risk of averseness to change, with a dominance of elderly population in future.

THANK YOU