

LIDIC Hackathon: Socioeconomic-Mortality linked data

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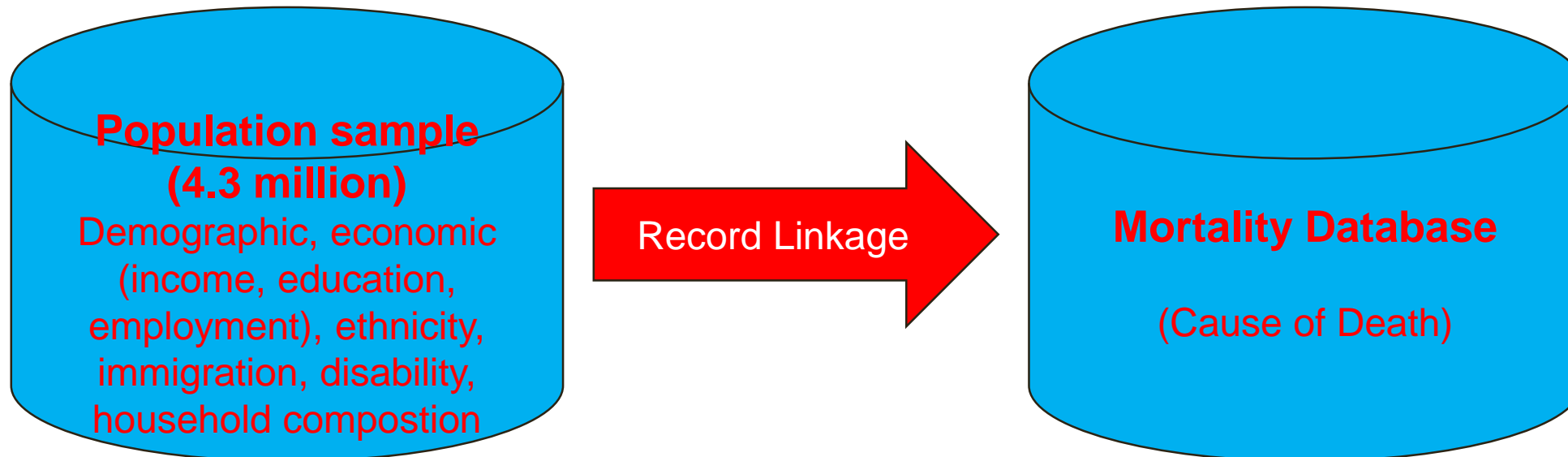


100

STATISTICS CANADA
ONE HUNDRED YEARS AND COUNTING

The Data

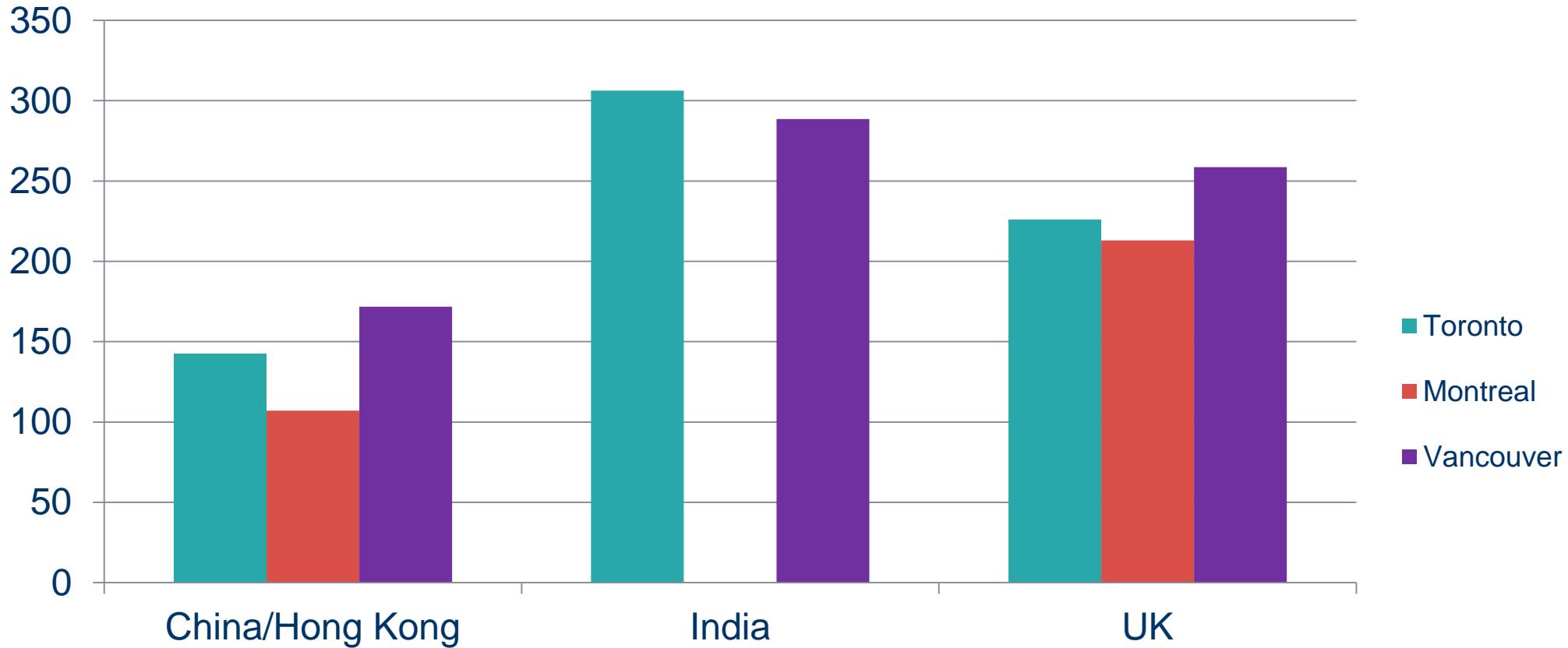
- Synthetic population based database linking socioeconomic and mortality data –
 - generally representing the Canadian population
- Supports equity and intersectionality analyses



Inequalities in health - Immigrants

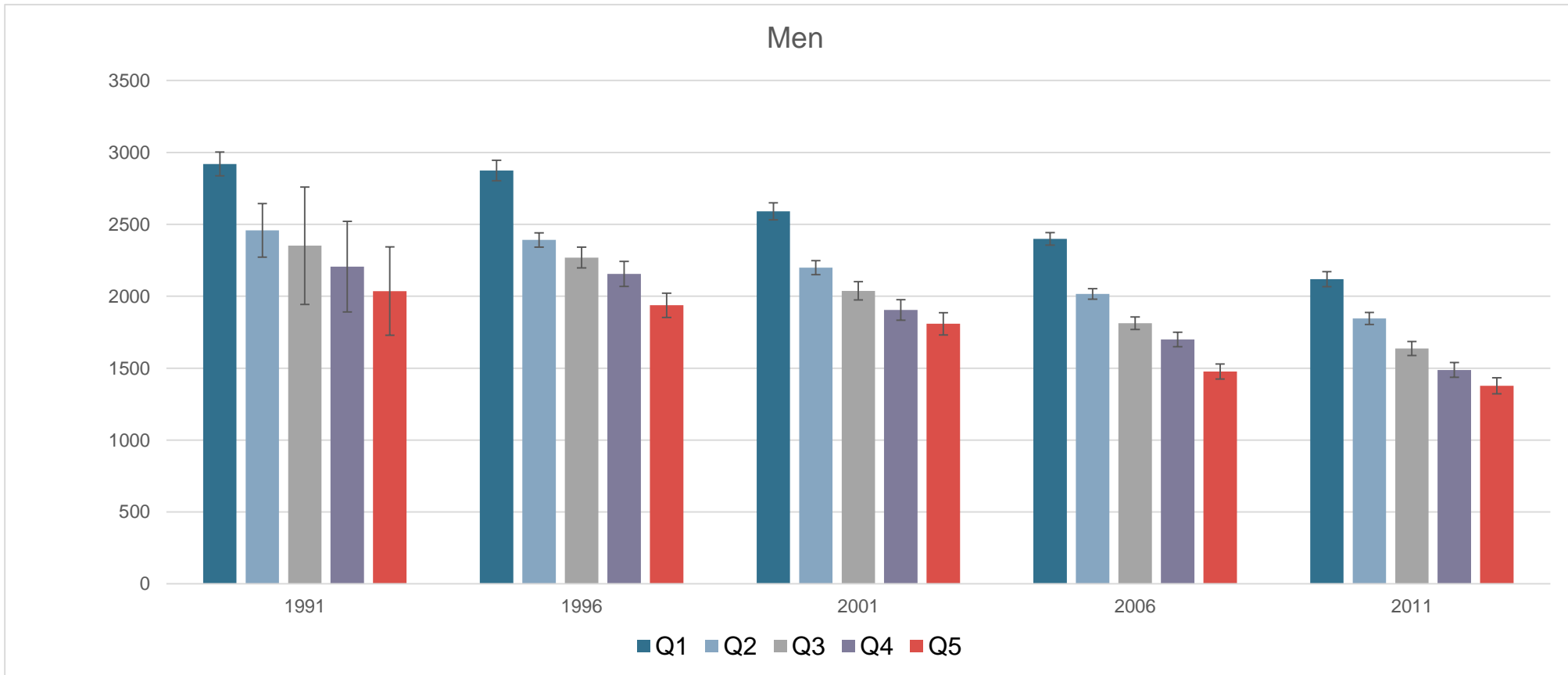


Age adjusted mortality rates for circulatory disease by country of birth, select CMAs, Canada



Inequalities in health - Income

All-cause mortality rates (age adjusted), 1991-2011, by income quintile, Canada



Some hints...

- Cohort analysis – start with the population cohort (vs deaths), some sub population groups are over represented in the sample – may lead to misleading results
- Focus research question two or three dimensions – income and employment; immigration
- Possible analyses
 - Prevalence estimates
 - Rates – numerator and denominator from same population group
 - Regression (logistic)

