The Data

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

Population sample (4.3 million)
- Demographic, economic (income, education, employment), ethnicity, immigration, disability, household composition

Record Linkage

Mortality Database
- (Cause of Death)
Inequalities in health - Immigrants

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

- China/Hong Kong
- India
- UK

Legend:
- Toronto
- Montreal
- Vancouver
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)