

PREDICTORS OF TB IN PEOPLE MIGRATING TO CANADA

A VISUAL RESEARCH ABSTRACT

BACKGROUND

- ▶ There is no routine screening for latent tuberculosis (TB) infection in people migrating to Canada even though TB incidence may be high in some groups.

STUDY

- ▶ Retrospective cohort study of people migrating to British Columbia, who became permanent residents of Canada between 1985 and 2012.

RESULTS

OVERALL INCIDENCE

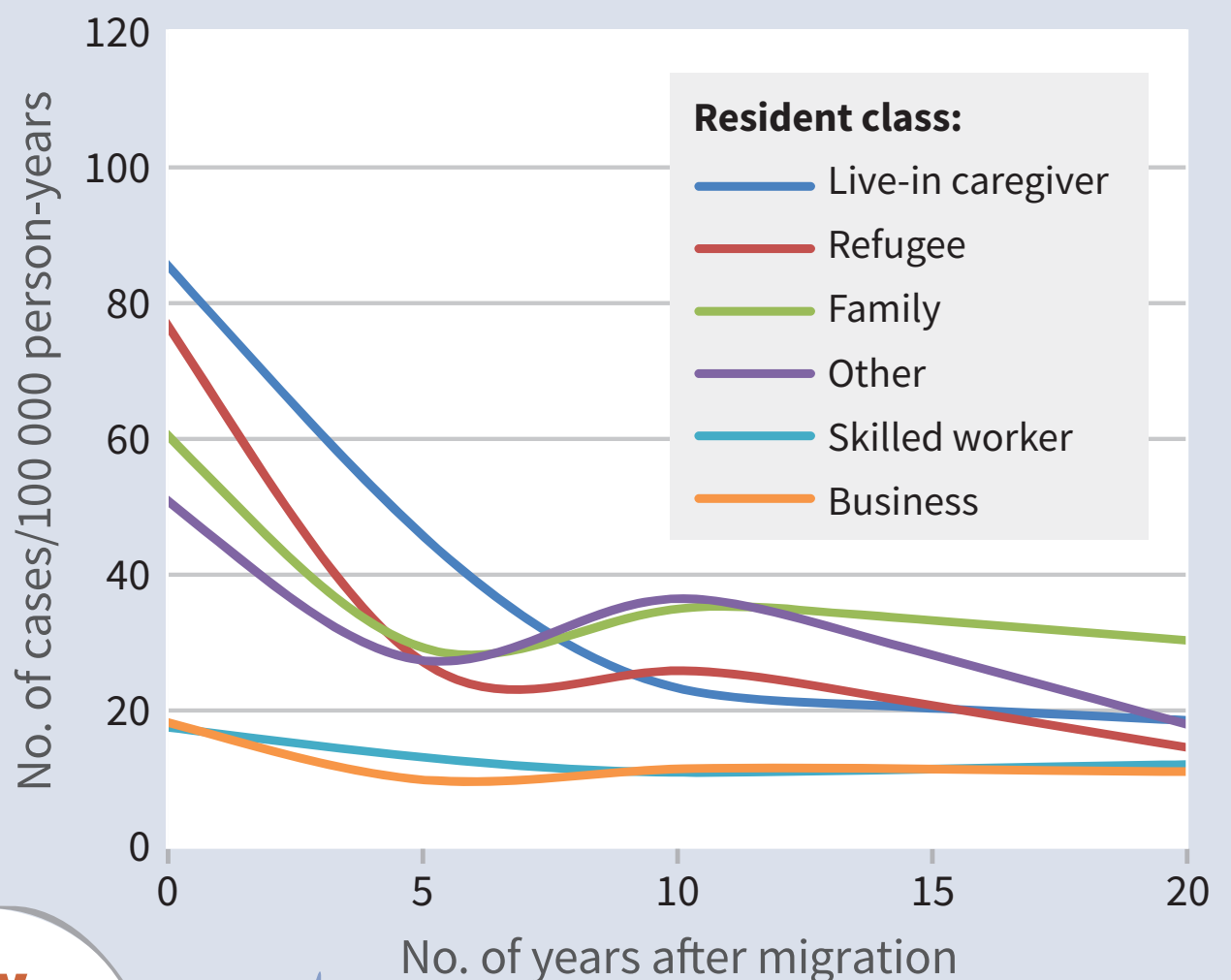
24/100 000
person-years
over the
29-year study

PEOPLE MIGRATING
FROM COUNTRIES WITH

high TB rates
($> 48/100\ 000$ population)

versus
low TB rates
($< 2/100\ 000$ population)

21x
higher
incidence
of TB



TB incidence declined over the first 5 years but stayed high after 10 years.

INTERPRETATION

Screening people at highest risk of TB upon arrival in Canada – and treating those who screen positive – could help move the country toward TB elimination.