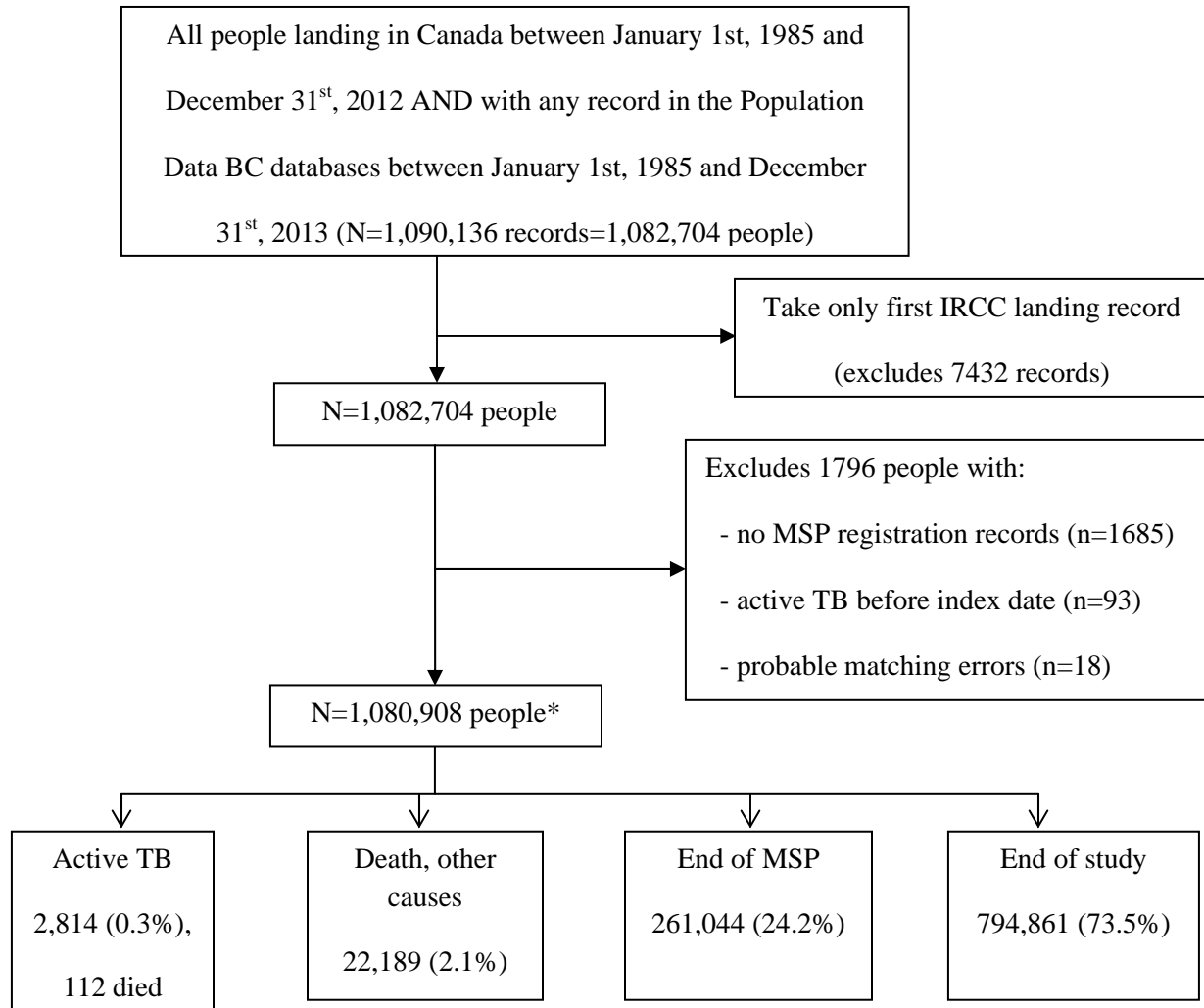


Appendix 1 (as supplied by the authors): Supplementary tables and figure

Supplemental Figure 1: Flowchart of people included in study cohort and outcomes



Note: BC = British Columbia, IRCC = Immigration, Refugees and Citizenship Canada, MSP = Medical Services Plan, TB = tuberculosis. *Total person-years of follow-up (11,639,876) and 10 years (0,28) median (min,max) in cohort, per person

Appendix 1, supplemental Table 1: TB incidence rate in BC, stratified by country or territory of birth *

Birth country or territory	TB incidence rate in BC (# cases/100,000 py)	# TB cases in BC
<i>WHO Region: Africa (320,114 person-years in BC)</i>	31.5	101
Algeria	0.0	0
Angola	0.0	0
Burundi	198.0	<5
Congo, Democratic Republic	48.7	<5
Eritrea	415.8	9
Ethiopia	149.8	51
Ghana	8.2	<5
Kenya	32.0	11
Liberia	41.7	<5
Malawi	0.0	0
Mauritius	0.0	0
Mozambique	0.0	0
Namibia	0.0	0
Nigeria	16.2	<5
Rwanda	59.7	<5
Sierra Leone	93.2	<5
South Africa	3.5	5
Tanzania	6.8	<5
Uganda	12.1	<5
Zambia	41.7	<5
Zimbabwe	21.2	<5
<i>WHO Region: Americas (839,285 person-years in BC)</i>	5.8	49
Argentina	0.0	0
Barbados	37.0	<5
Bermuda	0.0	0
Bolivia	0.0	0
Brazil	11.5	<5
Chile	11.8	<5
Colombia	14.1	5
Costa Rica	0.0	0
Cuba	0.0	0
Dominican Republic	40.4	<5
Ecuador	0.0	0
El Salvador	7.4	7
Grenada	0.0	0
Guatemala	17.8	6

Guyana	33.5	<5
Haiti	18.0	<5
Honduras	0.0	0
Jamaica	0.0	0
Mexico	8.6	7
Nicaragua	8.0	<5
Panama	0.0	0
Paraguay	27.7	<5
Peru	23.4	8
Saint Vincent and the Grenadines	0.0	0
Trinidad and Tobago	6.5	<5
United States of America	0.6	<5
Uruguay	0.0	0
Venezuela	0.0	0
WHO Region: East Mediterranean (777,698 person-years in BC)	17.2	134
Afghanistan	49.6	27
Bahrain	0.0	0
Egypt	0.0	0
Iran	5.6	23
Iraq	9.1	<5
Jordan	0.0	0
Kuwait	0.0	0
Lebanon	0.0	0
Libya	0.0	0
Morocco	27.8	<5
Oman	0.0	0
Pakistan	24.0	28
Saudi Arabia	0.0	0
Somalia	177.7	35
Sudan	108.8	14
Syria	0.0	0
Tunisia	0.0	0
United Arab Emirates	0.0	0
WHO Region: Europe (1,595,156 person-years in BC)	3.7	59
Albania	0.0	0
Armenia	0.0	0
Austria	0.0	0
Azerbaijan	0.0	0
Azores	0.0	0
Belarus	0.0	0
Belgium	0.0	0
Bosnia and Herzegovina	8.2	<5
Bulgaria	0.0	0

Croatia	0.0	0
Cyprus	0.0	0
Czech Republic	0.0	0
Czechoslovakia	2.8	<5
Denmark	0.0	0
Estonia	0.0	0
Finland	0.0	0
France	0.0	0
Georgia	0.0	0
Germany	0.7	<5
Greece	13.2	<5
Hungary	3.1	<5
Ireland	4.3	<5
Israel	0.0	0
Italy	0.0	0
Kazakhstan	0.0	0
Kyrgyzstan	0.0	0
Latvia	0.0	0
Lithuania	0.0	0
Macedonia, FYR	0.0	0
Moldova	18.7	<5
Netherlands	5.7	<5
Norway	0.0	0
Palestinian Authority (Gaza/West Bank)	0.0	0
Poland	3.5	6
Portugal	0.0	0
Romania	10.3	11
Russia	2.6	<5
Serbia and Montenegro	6.2	6
Serbia, Republic of	0.0	0
Slovak Republic	0.0	0
Slovenia	0.0	0
Spain	0.0	0
Sweden	0.0	0
Switzerland	0.0	0
Turkey	10.1	<5
UK and colonies	2.9	12
Ukraine	9.7	5
Union of Soviet Socialist Republics	2.7	<5
Uzbekistan	0.0	0
Unknown	0.0	0
Yugoslavia	0.0	0
WHO Region: Southeast Asia (1,631,137 person-years in BC)	42.8	698

Bangladesh	42.6	10
India	43.1	626
Indonesia	39.0	17
Myanmar (Burma)	110.9	19
Nepal	42.9	<5
Sri Lanka	11.9	6
Thailand	46.6	17
WHO Region: Western Pacific (6,476,478 person-years in BC)	27.4	1773
Australia	1.9	<5
Brunei	17.1	<5
Cambodia	106.5	26
China	28.2	540
Fiji	5.0	8
Hong Kong	18.7	232
Japan	6.4	8
Laos	49.0	<5
Macao	36.6	14
Malaysia	12.0	11
Mongolia	0.0	0
New Zealand	0.0	0
Philippines	50.1	529
Singapore	3.3	<5
South Korea	16.9	87
Taiwan	6.8	56
Vietnam	78.4	249

Note: BC = British Columbia, TB = tuberculosis, WHO = World Health Organization.

*Reporting of country/territory-level TB incidence rates limited to those with at least 1000 person-years of follow-up time in BC

Appendix 1, supplemental Table 2: Demographic-based risk groups for development of TB within 10 years after index date, identified through recursive partitioning*†

Age at index, years	TB incidence, birth country (#TB/ 100,000 population)	Immigration class	TB cases	People	% with TB
0-11	0-50	Any	0	24,833	0.0
12-64	0-34	Any	19	88,778	0.0
12-64	34-50	Any	17	27,952	0.1
0-5	51-132	Any	1	17,777	0.0
6-17	51-132	Any	33	64,755	0.1
18-53	51-120	Any	154	129,798	0.1
18-53	121-132	Any	118	56,066	0.2
54-64	51-132	Any	54	13,233	0.4
0-10	>132	Business, skilled worker	5	14,709	0.0
11-64	133-348	Business	40	25,299	0.2
11-29	133-348	Skilled worker	40	12,642	0.2
30-64	133-348	Skilled worker	40	21,692	0.3
11-64	>348	Business, skilled worker	102	27,785	0.4
0-17	133-224	Refugee, family, live-in caregiver, other	24	11,362	0.2
18-56	133-214	Refugee, family, live-in caregiver, other	115	24,817	0.5
18-56	215-224	Refugee, family, live-in caregiver, other	161	48,650	0.3
57-64	133-224	Refugee, family, live-in caregiver, other	87	12,808	0.7
0-17	>224	Refugee, family, live-in caregiver, other	44	10,135	0.4
18-35	>224	Family, live-in caregiver, other	117	20,667	0.6
36-64	>224	Family, live-in caregiver, other	88	10,835	0.8
18-64	>224	Refugee	114	11,701	1.0
			1,373	676,294	0.2

* Analysis including people with index years 1985-2003 and age<65 at index date (N=676,294)

†Recursive partitioning can describe complex nonlinearities and interactions between the outcome and potential predictor variables without requiring *a priori* specification of the nature of these relationships (Therneau T and Atkinson E. An introduction to recursive partitioning using the RPART routines (<https://cran.r-project.org/web/packages/rpart/vignettes/longintro.pdf>)).