

Appendix 4: Mortality and excess mortality related to drug use, viral hepatitis and liver disease, and HIV infection among 2913 participants in a community-based cohort in the inner city of Vancouver, by age group

Cause of death; age group, yr	No. of observed deaths	Rate of death per 10 000 person-years (95% CI)	Standardized mortality ratio* (95% CI)
All			
Overall	374	223 (201–247)	7.1 (6.4–7.9)
< 35	34	89 (64–125)	13.2 (9.4–18.5)
35–39	60	193 (150–248)	13.3 (10.3–17.1)
40–44	76	210 (168–263)	9.0 (7.2–11.3)
45–49	65	222 (174–283)	6.0 (4.7–7.6)
≥ 50	139	420 (355–495)	5.3 (4.5–6.3)
Drug-related†			
Overall	53	32 (24–41)	12.0 (9.1–15.7)
< 35	8	21 (11–42)	14.3 (7.2–28.6)
35–39	14	45 (27–76)	19.0 (11.3–32.1)
40–44	11	30 (17–55)	10.5 (5.8–18.9)
45–49	8	27 (14–55)	7.2 (3.6–14.5)
≥ 50	12	36 (21–64)	12.2 (6.9–21.5)
Liver-related‡			
Overall	22	13 (9–20)	5.9 (3.9–8.9)
< 35	1	3 (0–19)	11.9 (1.7–84.8)
35–39	2	6 (2–26)	5.5 (1.4–22.1)
40–44	3	8 (3–26)	4.8 (1.5–14.9)
45–49	5	17 (7–41)	6.0 (2.5–14.3)
≥ 50	11	33 (18–60)	6.0 (3.3–10.9)
HIV-related§			
Overall	78	46 (37–58)	24.9 (20.0–31.1)
< 35	11	29 (16–52)	38.2 (21.1–69.0)
35–39	18	58 (36–92)	27.3 (17.2–43.3)
40–44	16	44 (27–72)	19.9 (12.1–32.4)
45–49	19	65 (41–102)	28.5 (18.1–44.6)
≥ 50	14	42 (25–71)	19.8 (11.7–33.5)

Note: CI = confidence interval; ICD-10 = International Statistical Classification of Diseases and Related Health Problems, 10th revision.

*The reference population was the population of Vancouver.

†Consists of mental and behavioural disorders due to psychoactive substance use (ICD-10 codes F11–16, F19), accidental poisoning by drugs (X40–44), suicide by drugs (X60–64), assault by drugs and medicaments (X85), poisoning by drugs or medicaments undetermined if accidental or intentional (Y10–14), and adverse effects of drugs and medicaments (Y40–574, Y577–79, Y598, Y880).

‡Deaths from viral hepatitis (B15–19), liver cancer (C22), alcoholic liver disease (K70) and nonalcoholic liver disease (K71–77).

§ICD-10 codes B20–24.