

SUPPLEMENTARY DATA

**Supplementary Table 1.** ICD-10 coding ranges used to delineate all and specific unnatural causes of death

Causes of death	ICD-10 coding ranges
Unnatural causes:	
All unnatural causes	V01-Y98
Suicide ( <i>definite + undetermined intent verdicts</i> )	X60-X84, Y10-Y34 ( <i>excluding Y33.9</i> ), Y87.0, Y87.2
Deliberate self-poisoning	X60-X69, Y10-Y19
'Violent' method	X70-X84, Y20-Y34 ( <i>excluding Y33.9</i> )
Accident	V01-X59, Y85, Y86
Accidental poisoning	X40-X49
Transportation accident	V01-V99, Y85
Accidental fall	W00-W19
Other or unspecified accident	V01-V99, W20-W99, X00-X39, X50-X59
Homicide	X85-Y09, Y33.9, Y87.1
Iatrogenic effects	Y40-Y84, Y88
Poisoning agent types: <sup>a</sup>	
Analgesics, antipyretics and antirheumatics	X40, X60, Y10
Psychotropic medication	X41, X61, Y11
Narcotic drugs	X42, X62, Y12
Unspecified drugs and medication	X44, X64, Y14
Alcohol	X45, X65, Y15
Carbon monoxide and other gases	X47, X67, Y17
All other poisonings <sup>b</sup>	X43, X46, X48, X49, X63, X66, X68, X69, Y13, Y16, Y18, Y19

<sup>a</sup> Includes cases of deliberate and accidental poisoning, and also cases of undetermined intent

<sup>b</sup> Includes solvents, pesticides, other drugs acting on the autonomic nervous system, and all other poisoning agents not classified elsewhere

Note: A very small number of unnatural deaths (n=6 in the diabetes cohort; n=6 in the general population) were classified by cause during 1996 using ICD-9 codes, as follows: E812.0, E8147, E850.9, E885, E887, E850.9, E950.0, E950.2, E950.3, E953.0 and E955.4. These cases were assigned to their appropriate ICD-10-based categories, as outlined in Table A1

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**Supplementary Table 2.** Risk ratios for suicide and accidental death according to age at registration with a diabetes diagnosis

Post mortem verdict	Diabetes cohort: (N=252,191)		General population: (N=1,260,214)		Risk ratio - RR ‡ (95% CI)	
	n	Risk per 10,000	n	Risk per 10,000		
Suicide:						
Younger than 40 years	45	29.7	33	4.4	6.70	(4.27-10.50)
40 years and older	437	18.4	611	5.2	3.26	(2.88-3.68)
<i>(Interaction test)</i>						<i>(P = 0.002)</i>
Accident:						
Younger than 40 years	47	31.1	1319	55.6	7.57	(4.78-11.97)
40 years and older	1319	4.0	3186	26.9	1.95	(1.83-2.08)
<i>(Interaction test)</i>						<i>(P &lt; 0.001)</i>

‡ Risk ratios adjusted for the matching variables: age, gender and birth county

**Supplementary Table 3.** Risk ratios for fatal poisoning by ‘unspecified drugs and medication’ according to category of post mortem verdict

Post mortem verdict	Diabetes cohort: (N=252,191)		General population: (N=1,260,214)		Risk ratio - RR ‡ (95% CI)	
	n	Risk per 10,000	n	Risk per 10,000		
Definite suicide ( <i>ICD-10 X64</i> )	64	2.5	27	0.2	10.24	(6.52-16.09)
Accident ( <i>ICD-10 X44</i> )	21	0.8	16	0.1	6.18	(3.22-11.86)
Undetermined intent ( <i>ICD-10 Y14</i> )	20	0.8	14	0.1	6.60	(3.33-13.08)

‡ Risk ratios adjusted for the matching variables: age, gender and birth county