

Supplementary Table 1: ICD-10 codes for defining unnatural deaths

Cause of death	ICD-10 codes
Drug-induced	F11-F16, F19, F55, X40-X44, X60-X64, X85, Y10-Y14
Suicide	X60-X84, Y87.0
Violence	X85-Y09, Y87.1
Other injuries *	V00-X39, X50-X59, Y10-Y39, Y85-Y86, Y88-Y89

* Includes accidental injuries and injuries for which no intent (i.e. suicidal or violent) could be inferred

Supplementary Table 2: BOCSAR codes for drug, violent and property crimes

Offence category	ANZSOC codes	Offence
Violent	011, 012, 013	Homicide
	021, 029	Assault
	0611, 0612	Robbery
	0311, 0312	Sexual assault and other sexual offences
Property	071	Break and enter
	081	Motor vehicle theft
	082	Theft
	091, 092	Fraud
Drug	101, 102	Import, deal or traffic illicit drugs
	103	Manufacture or cultivate illicit drugs
	104	Possession/use of illicit drugs
	109	Other illicit drug offences

Additional data: Unnatural deaths in prison accounted for by the opioid-dependent cohort

Data on unnatural deaths in prison in NSW are released by Corrective Services NSW for each financial year (in Australia, 1 July to 30 June of the following year). We had data for the opioid dependent cohort that was comparable to the Corrective Services NSW data for the financial years 2000/01 to 2009/10. Between July 1 2000 and 30 June 2010, Corrective Services NSW reported 81 unnatural deaths. During the same time period, there were 28 unnatural deaths in the opioid dependent cohort, accounting for 35% of the total unnatural deaths in prison for that period (see Supplementary Table 3).

Supplementary Table 3: Unnatural deaths among all prisoners and opioid-dependent prisoners in New South Wales, Australia, by financial year.

Financial year	Unnatural deaths reported by CSNSW	Unnatural deaths in opioid dependent cohort	Deaths in opioid dependent cohort as a proportion of all unnatural deaths (%)
2000/01	12	1	8
2001/02	10	6	60
2002/03	11	3	27
2003/04	10	2	20
2004/05	10	4	40
2005/06	5	0	0
2006/07	8	3	38
2007/08	5	3	60
2008/09	5	5	100
2009/10	5	1	20
Total	81	28	35

CSNSW: Corrective Services New South Wales. Data on unnatural deaths reported by CSNSW are from: Corrective Services NSW. *Statistical Report 2011/12*. Sydney: Corrective Services NSW, 2012, p.30. Available from http://www.correctiveservices.nsw.gov.au/__data/assets/pdf_file/0011/379748/statistical-report-2010-2011.pdf.