

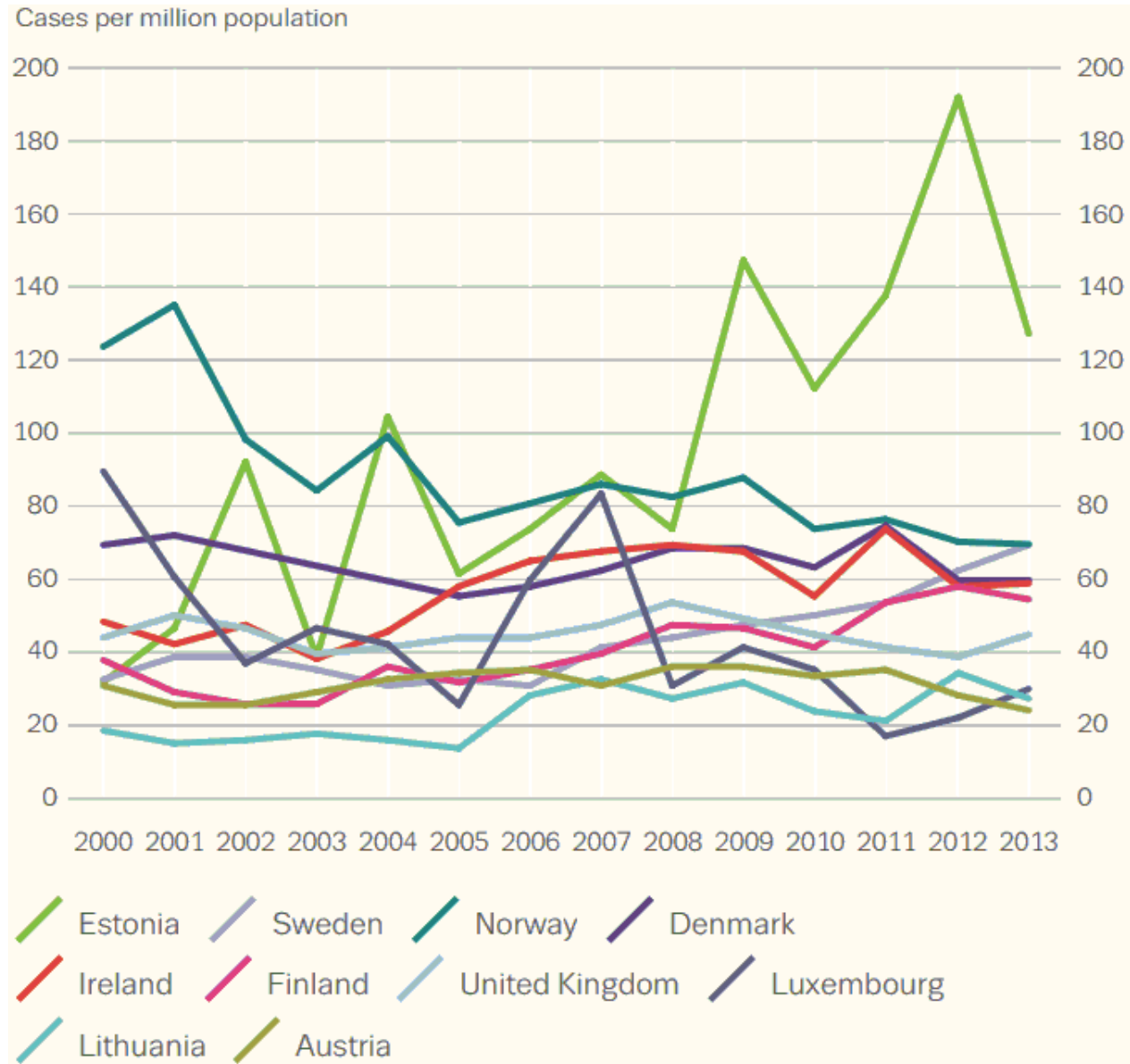
# Fatal overdoses – The Danish perspective

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SERAF

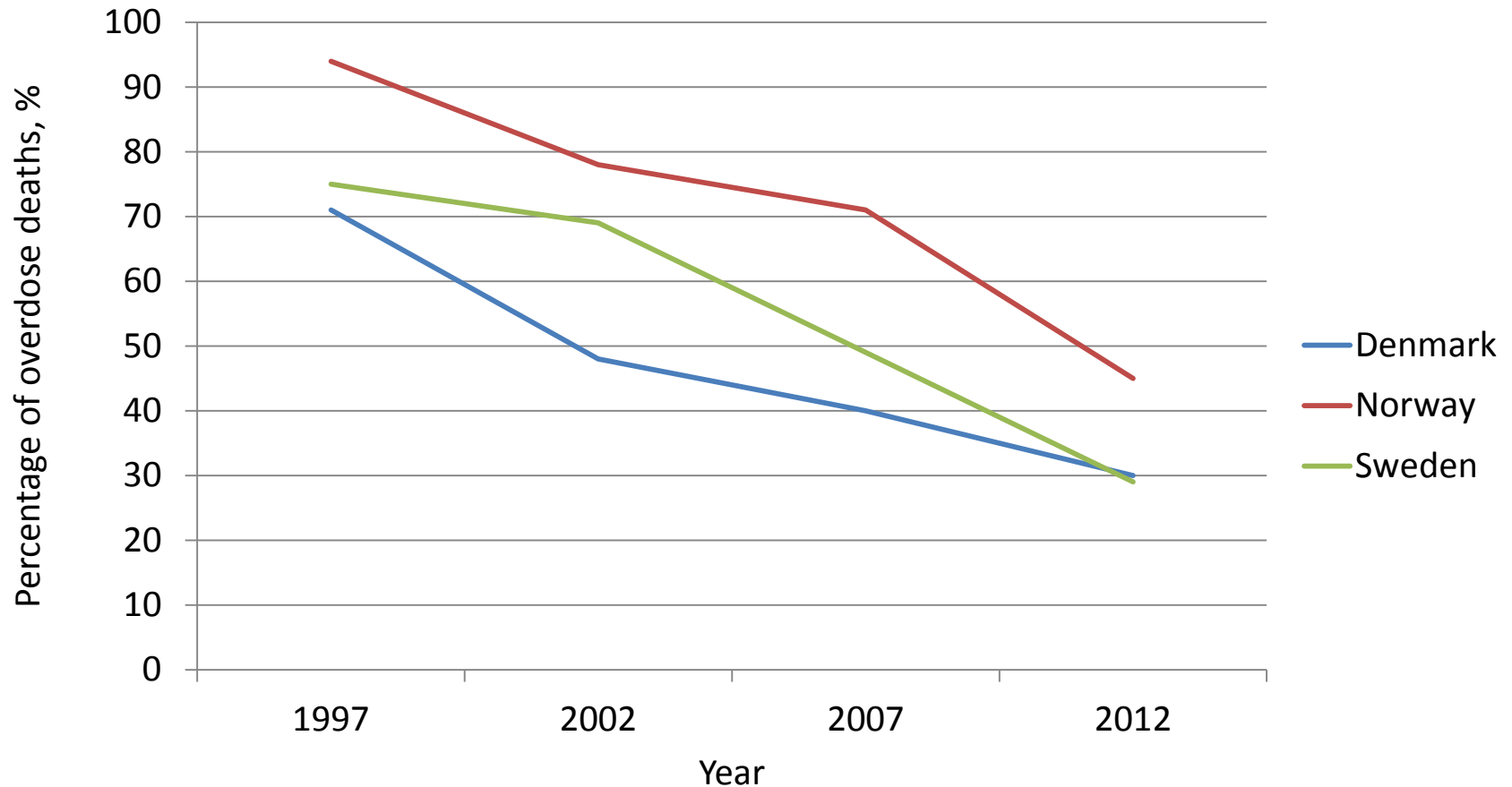
International Overdose Awareness Day  
31. August 2015



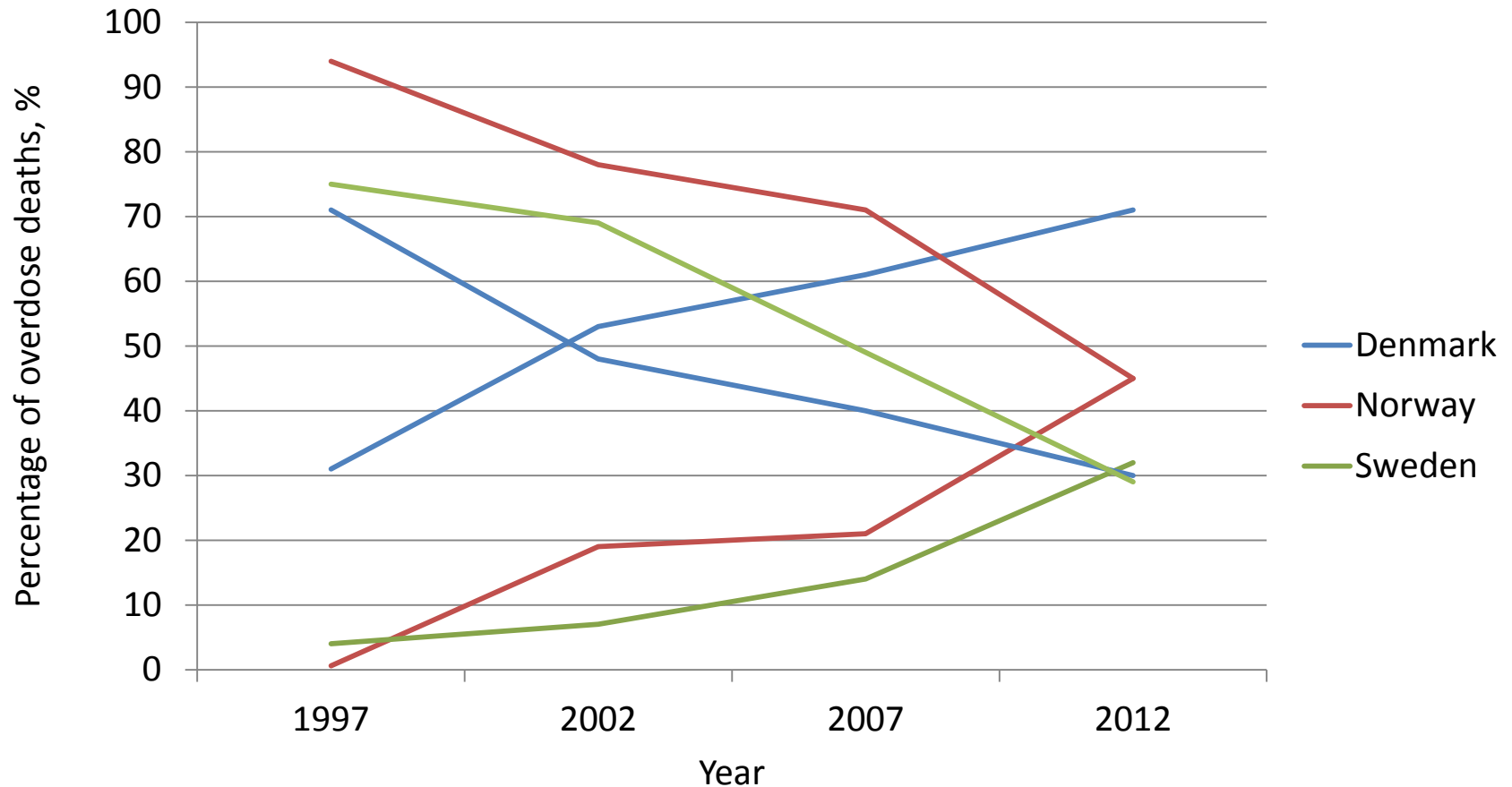
The ten countries  
in Europe  
reporting the  
highest overdose  
death rates



## Heroin-related deaths among overdose deaths in the Nordic countries, 1997-2012

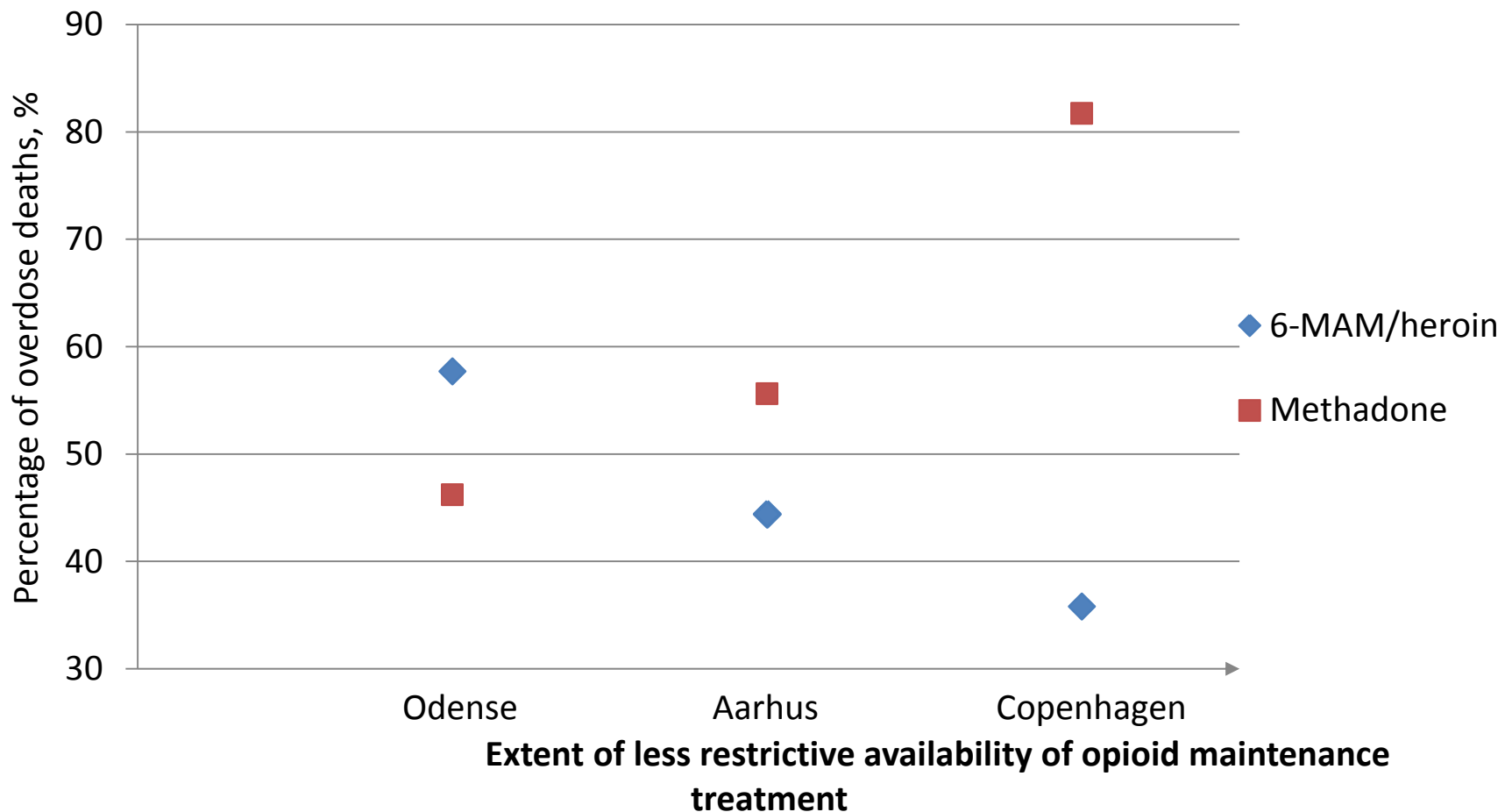


## Methadone-related deaths among overdose deaths in the Nordic countries, 1997-2012

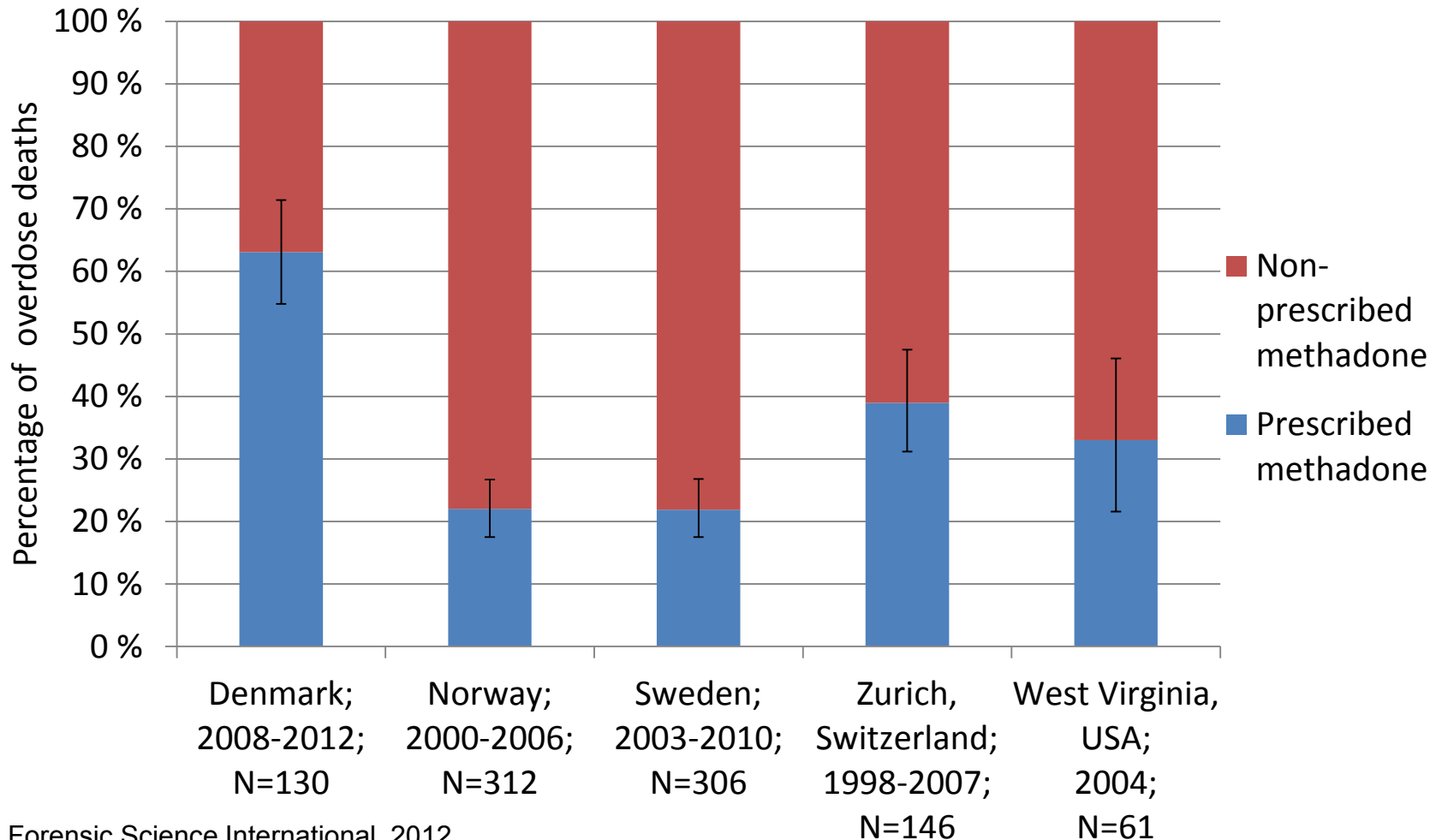




## Heroin- and methadone-related deaths among overdose deaths in three Danish municipalities, N=182



# Prescribed and non-prescribed methadone in methadone-related deaths



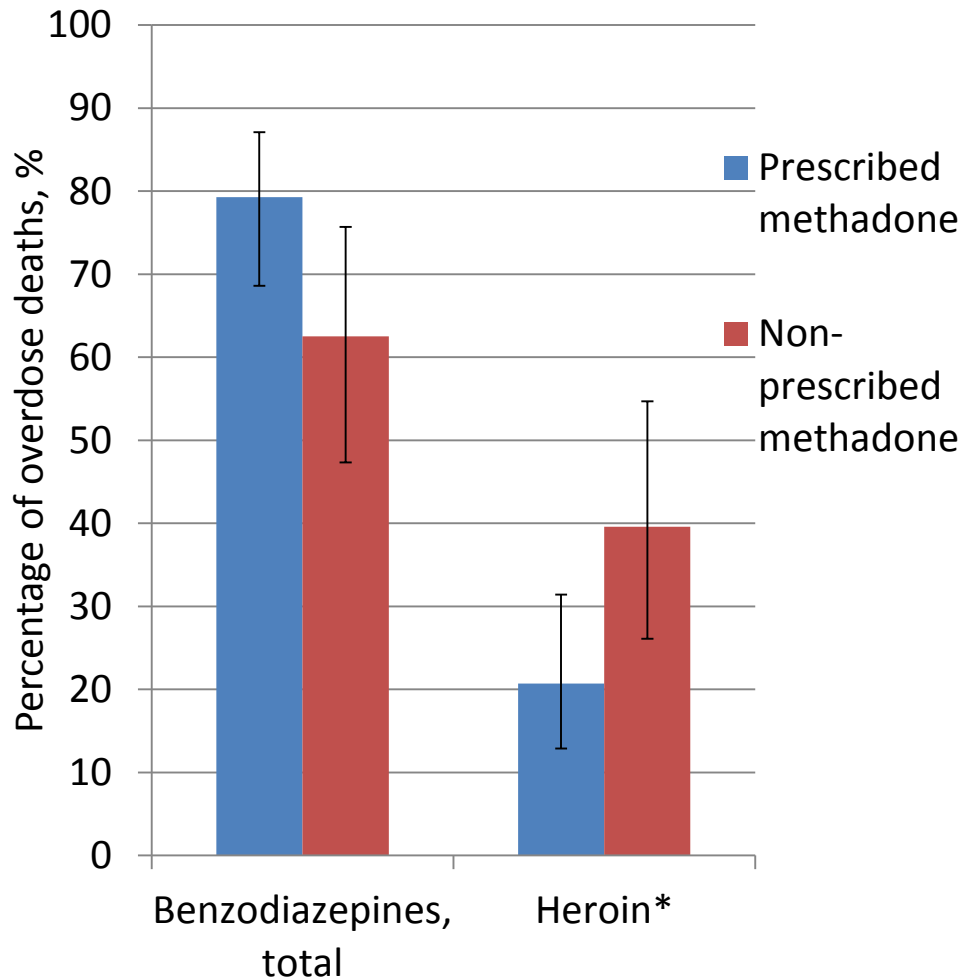
Bernard, Forensic Science International, 2012

Wikner, Drug and Alcohol Review, 2014

Laberke, Int J Legal Med, 2010

Weimer, J Addict Med., 2011

# Co-detections in overdose deaths with prescribed and non-prescribed methadone, N=130



\*  $p$  value < 0.05

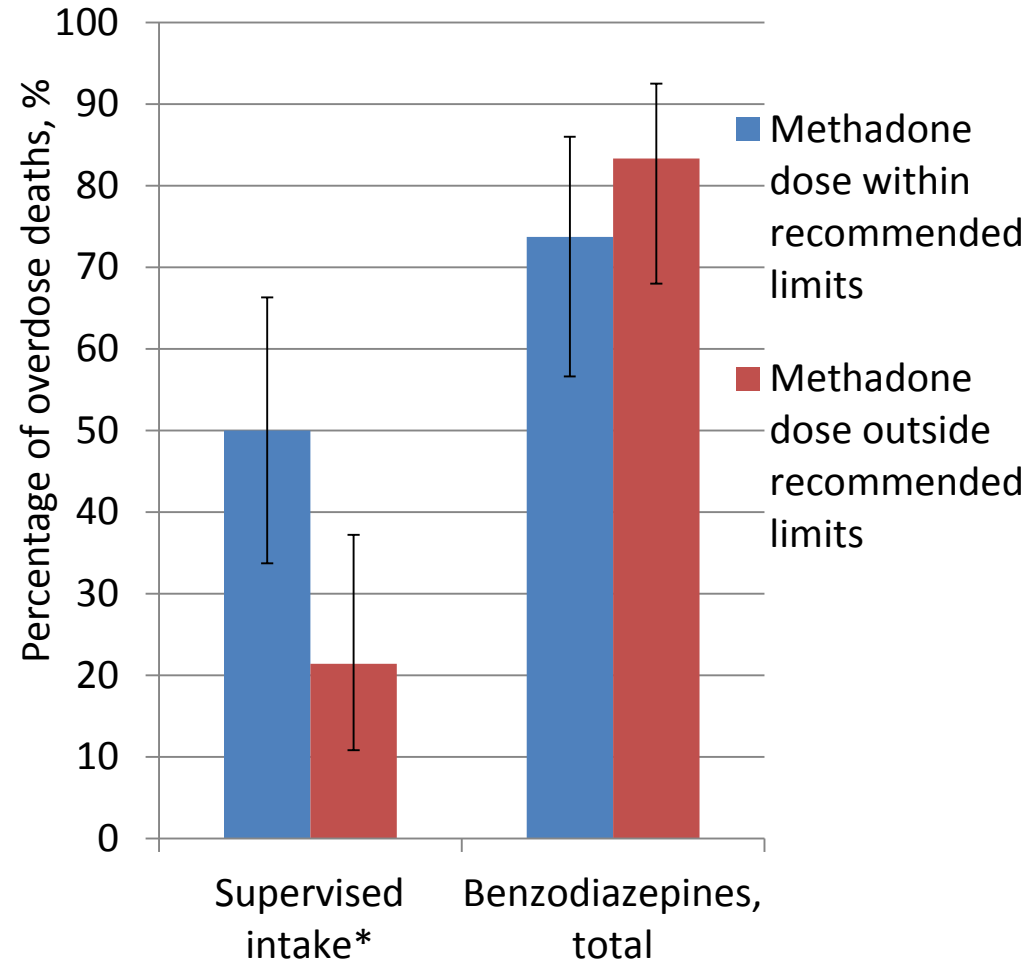


## Overdose deaths with prescribed methadone, by prescribed daily dose, N=80

Methadone daily dose: < 60mg	Methadone daily dose : 60-120mg	Methadone daily dose : > 120mg
N=7 (8.8%)	N=38 (47.5%)	N=35 (43.8%)

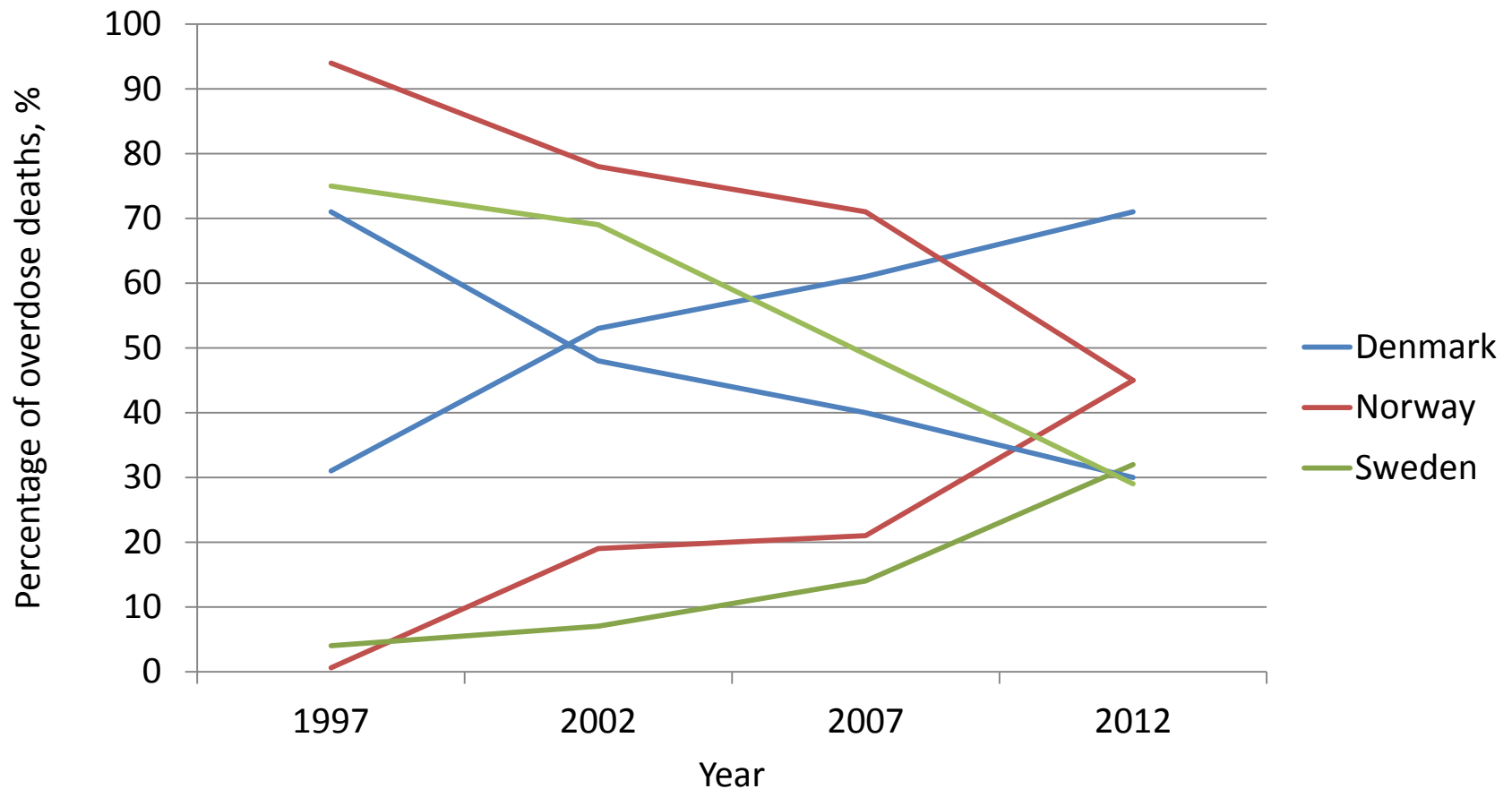
- Individuals with methadone dose within recommended limits: N=38 (47.5%)
- Individuals with methadone dose outside recommended limits: N=42 (52.5%)

# Co-detections in overdose deaths with prescribed methadone, N=80

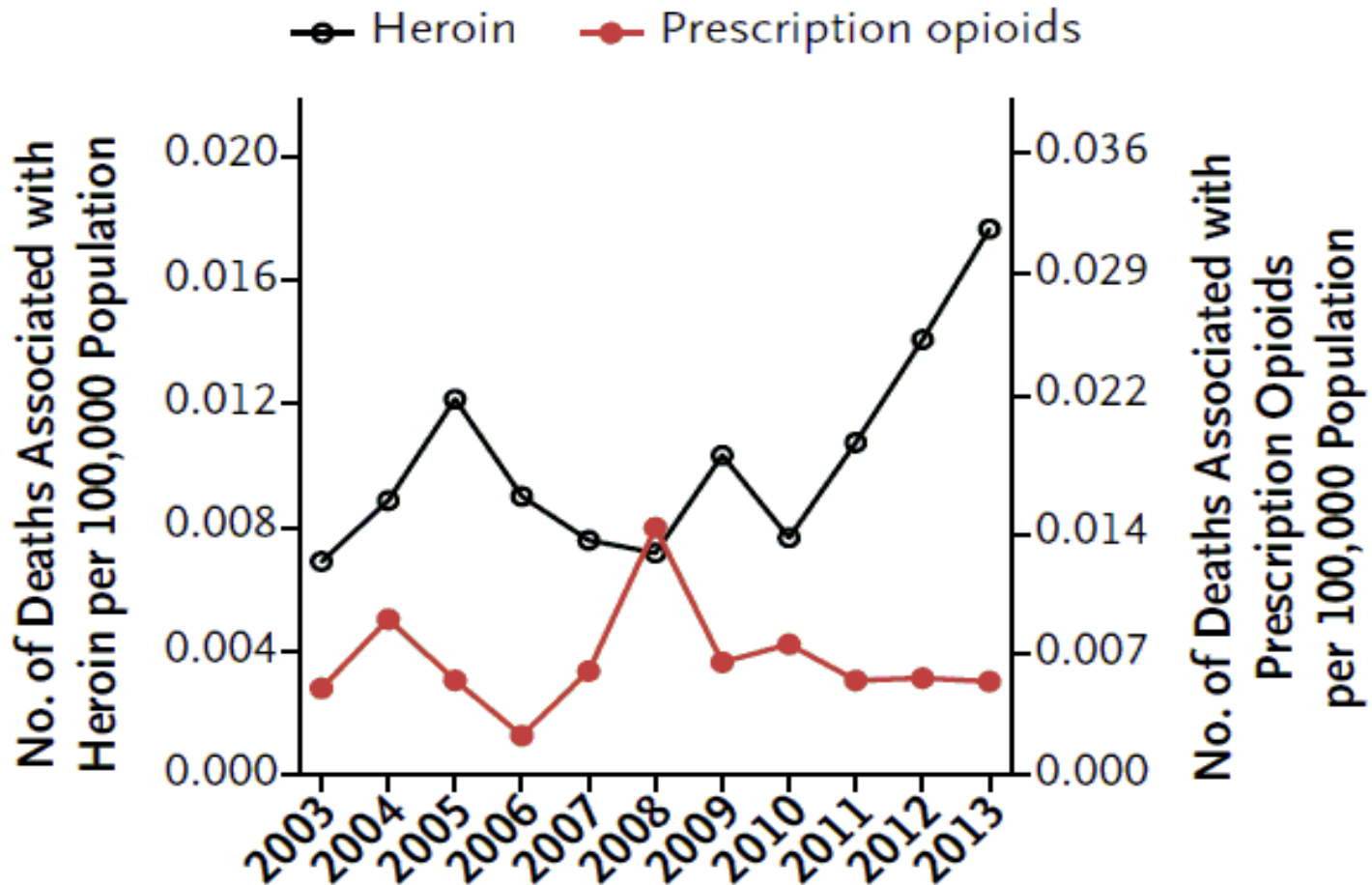


\*  $p$  value < 0.05

## Methadone-related deaths among overdose deaths in the Nordic countries, 1997-2012



## Rates of death associated with heroin and prescription opioids in USA, 2002–2013



Thank you



Seraf