



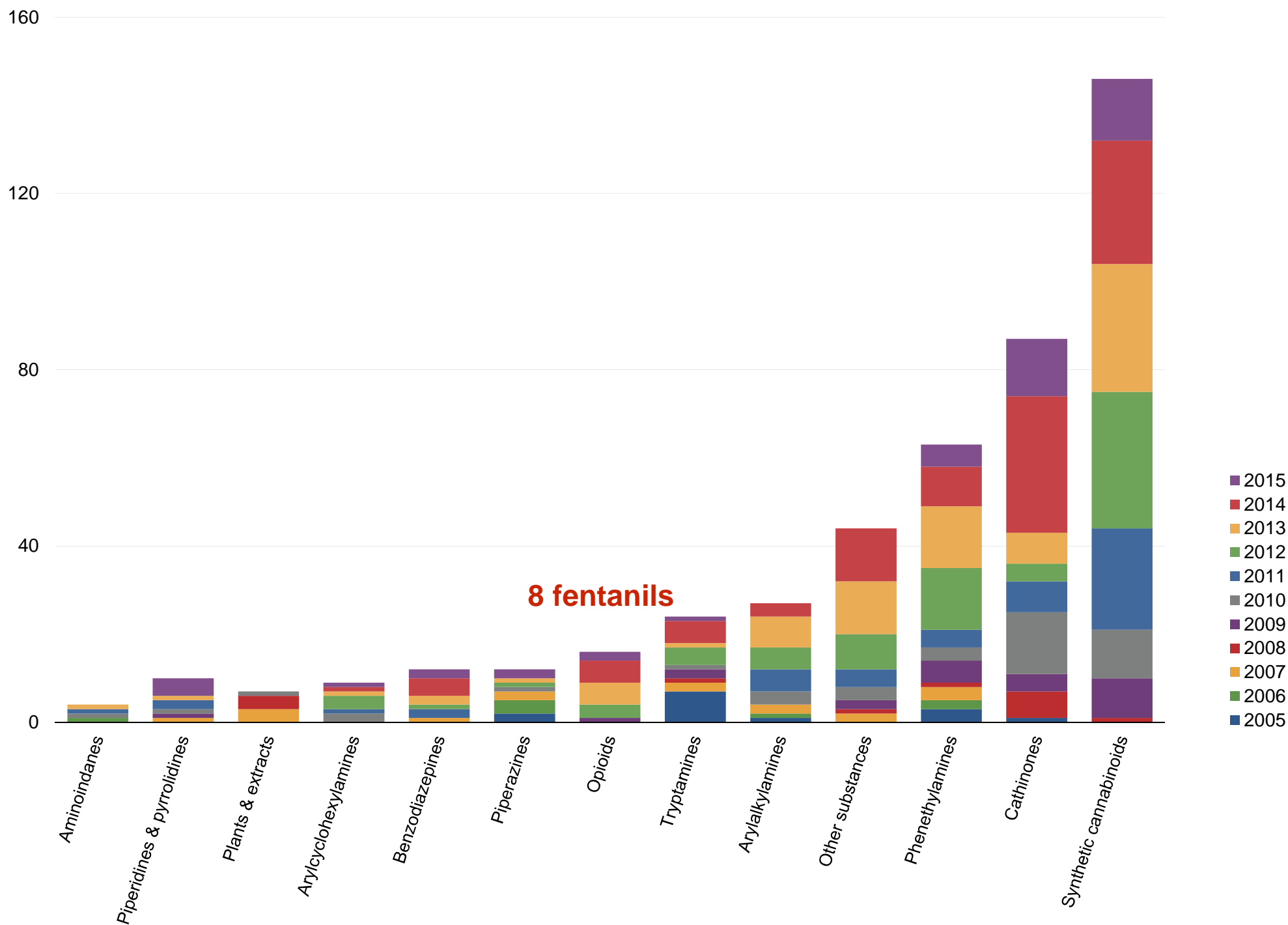
European Monitoring Centre
for Drugs and Drug Addiction

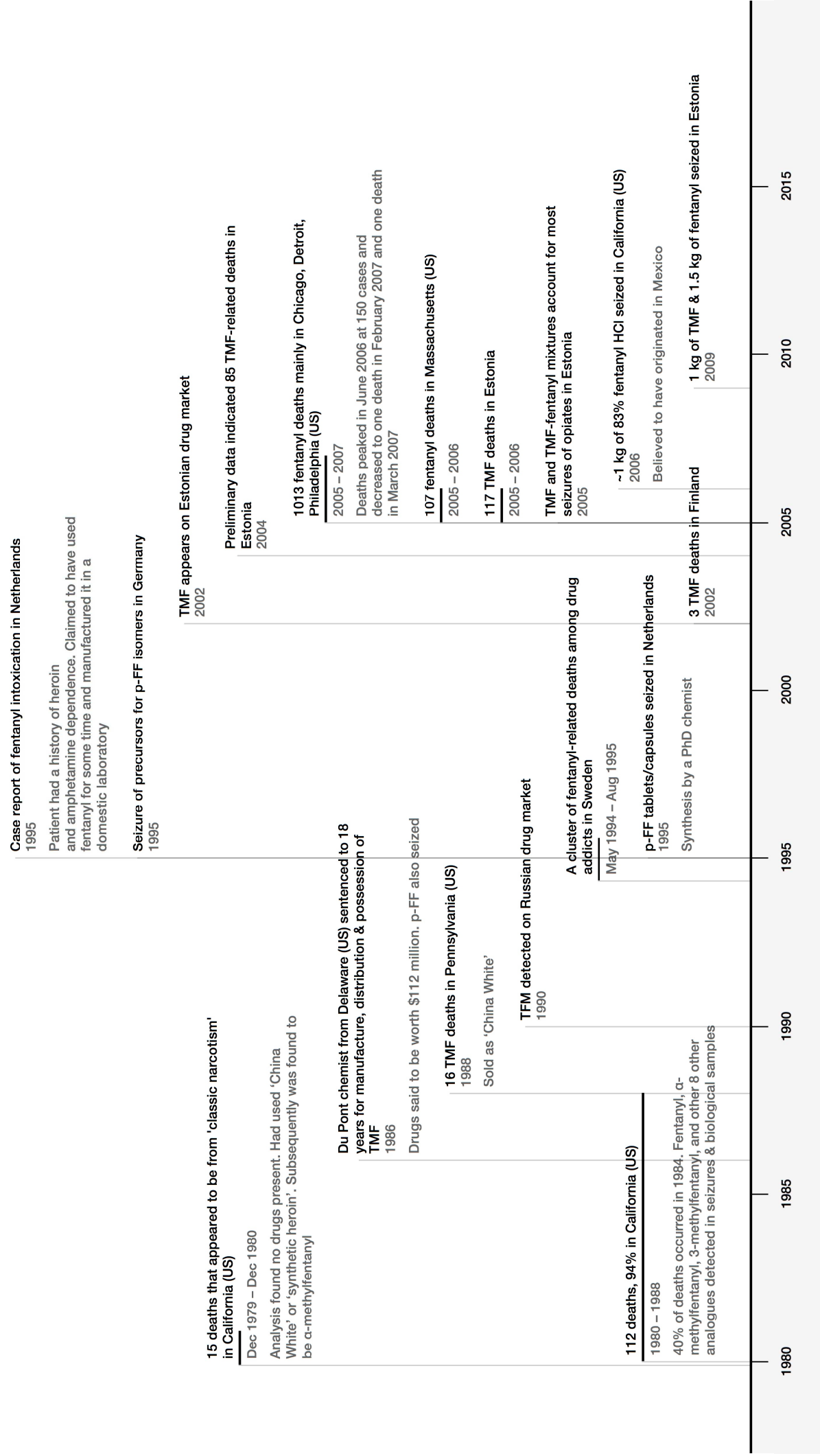
Acetylfentanyl

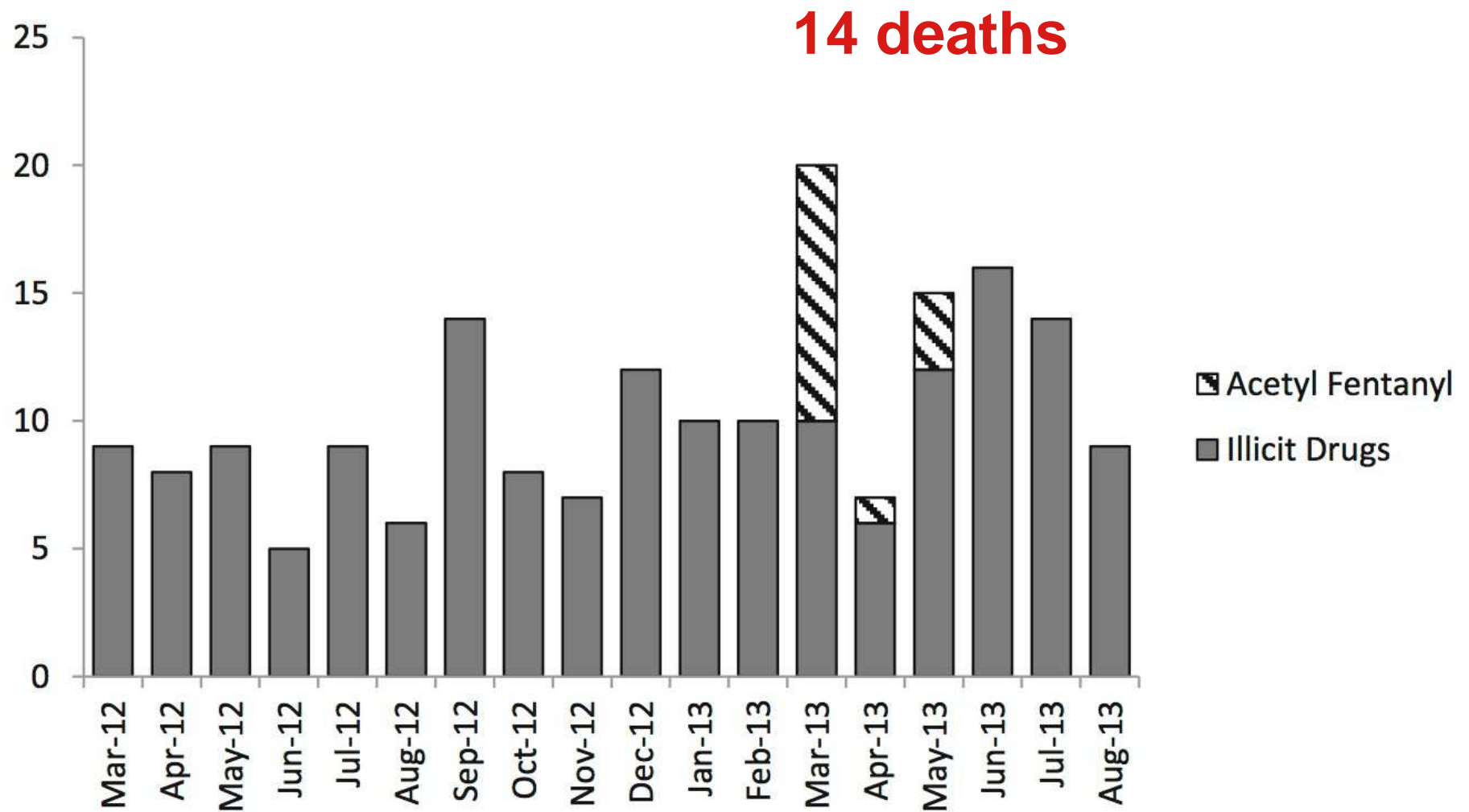
**A potent μ -opioid analgesic
sold openly on the internet**

Michael Evans-Brown

Drug-Related Infectious Diseases Annual Expert Meeting, Lisbon, 15 June 2015







Illicit drug overdose deaths and **acetylfentanyl** overdose deaths
US-RI, March 2012–August 2013 (Lozier et al., 2015)

- **16 times more potent** as analgesic than morphine
- **LD₅₀ lower than fentanyl** and morphine
- **larger doses of naloxone** may be required (CDC)
- **12 deaths in Russia** (2012)
- **40+ deaths in United States** (2013 & 2014)
- **2 deaths in United Kingdom** (2014 & 2015)
 - **detected in 5 Member States**