



**ROCKY MOUNTAIN  
POISON &  
DRUG SAFETY**  
*Saving lives with answers.™*

**RADARS®**  
SYSTEM  


## Prescription Drug Misuse: Spain

# Today's Goals

- Prescription drug misuse in Spain
- Landscape overview
- Prescribing patterns
- Misuse by class
- Misuse by API
- Poison centres data (GTNet)
- Addiction centres data (Europad)

# What is the RADARS<sup>®</sup> System?



**DENVER  
HEALTH™**

— est. 1860 —

**FOR LIFE'S JOURNEY**

- Supported by subscriptions from pharmaceutical manufacturers, government, and non-government agencies for surveillance, research and reporting services
- Property of Denver Health and Hospital Authority, a political subdivision of the State of Colorado
- Denver Health retains exclusive ownership of all data, databases and systems. Subscribers do not participate in data collection nor do they have access to the raw data.



# Spain: Landscape

- Drug consumption and minor possession: non-criminal offense
  - Fines can be suspended if attend treatment, rehabilitation, counselling
- National strategy focus
  - Delay age of first exposure
  - Focus on trafficking for illicit, licit, and novel substances
- EMCDDA data



Drug use

in young adults (15-34 years) in the last year

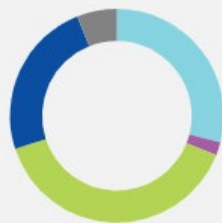
Cannabis

18.3 %



All treatment entrants

by primary drug



- Cannabis, 29 %
- Amphetamines, 2 %
- Cocaine, 39 %
- Heroin, 24 %
- Other, 6 %

Overdose deaths



Drug law offences

389 229

Top 5 drugs seized

ranked according to quantities measured in kilograms

1. Cannabis resin
2. Cocaine
3. Herbal cannabis
4. Heroin
5. Amphetamine

Other drugs

MDMA	1.2 %
Amphetamines	0.9 %
Cocaine	2.8 %

Opioid substitution treatment clients

58 749

New HIV diagnoses attributed to injecting



Population

(15-64 years)

30 700 225

Source: Eurostat Extracted on: 18/03/2019

High-risk opioid users

68 297

(46 014 - 90 579)

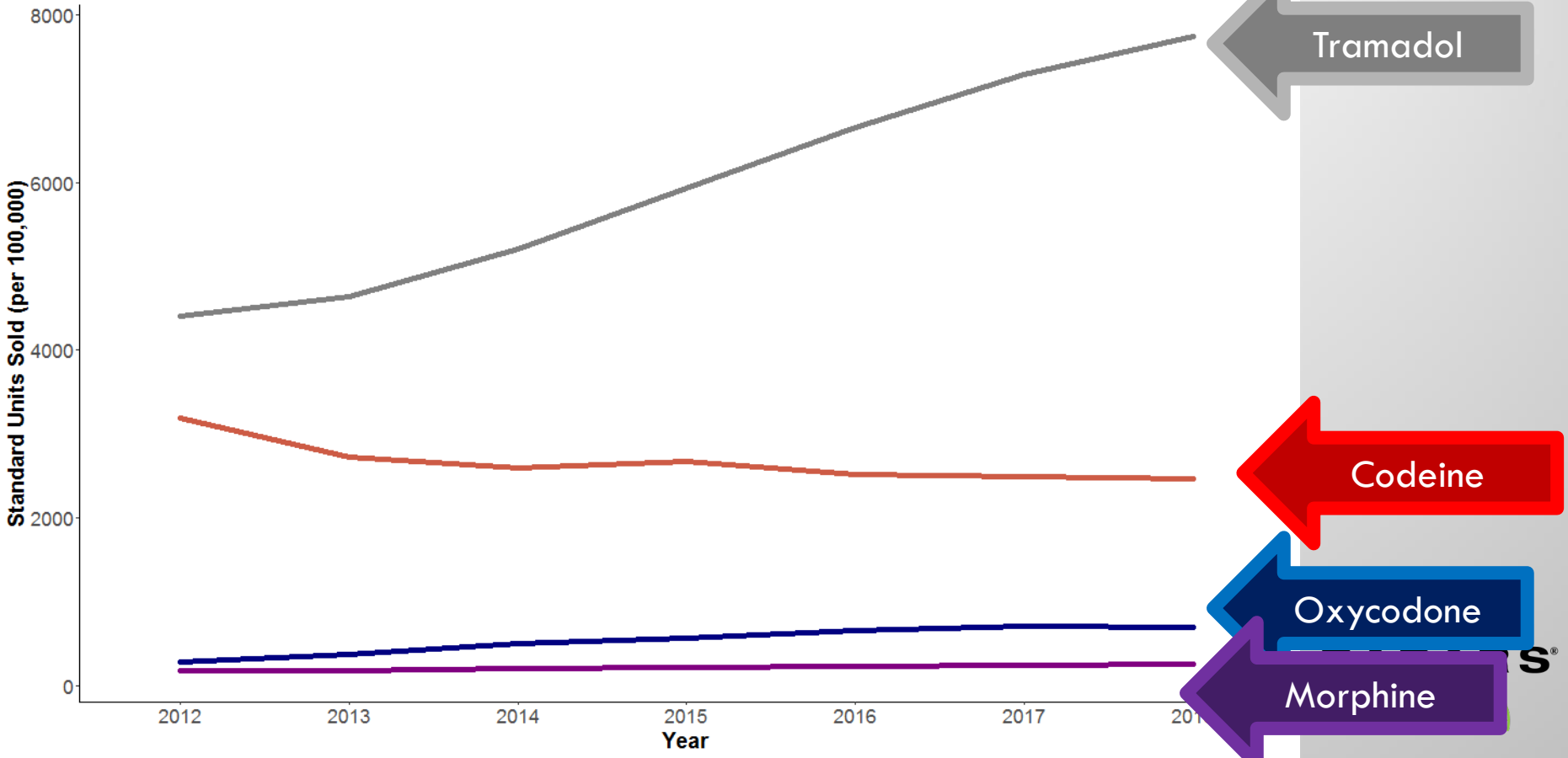
Syringes distributed

through specialised programmes

1 503 111

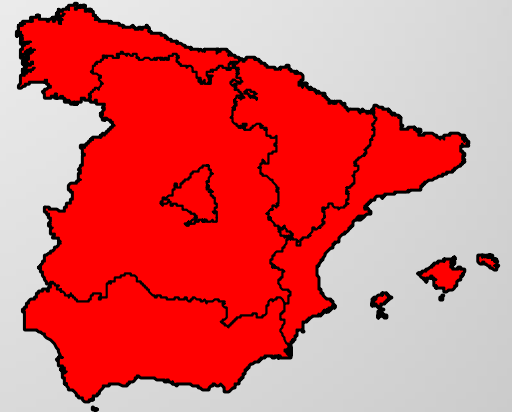
Source: ECDC

# Spain: Prescribing patterns



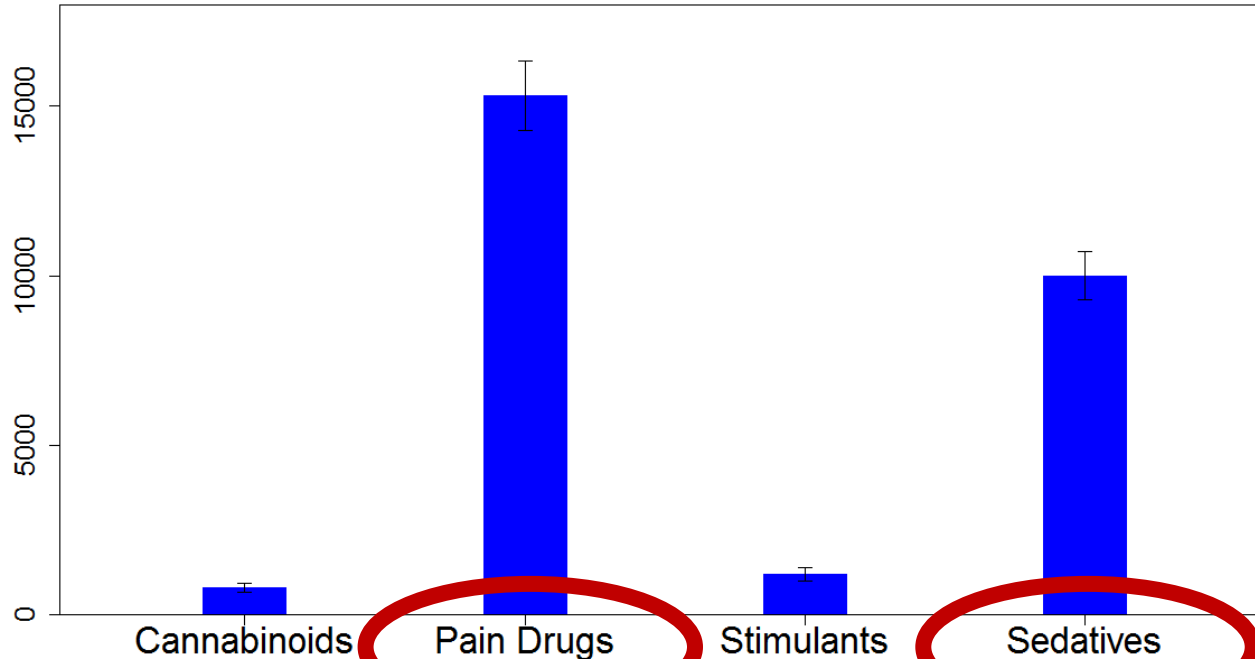
# Survey of Non-Medical Use (NMURx)

- Nationally representative online survey covering multiple drug classes
- Contains information on users and non users
- Demographics, misuse behavior (route/reason) and psychological factors



# Spain: Misuse by Class

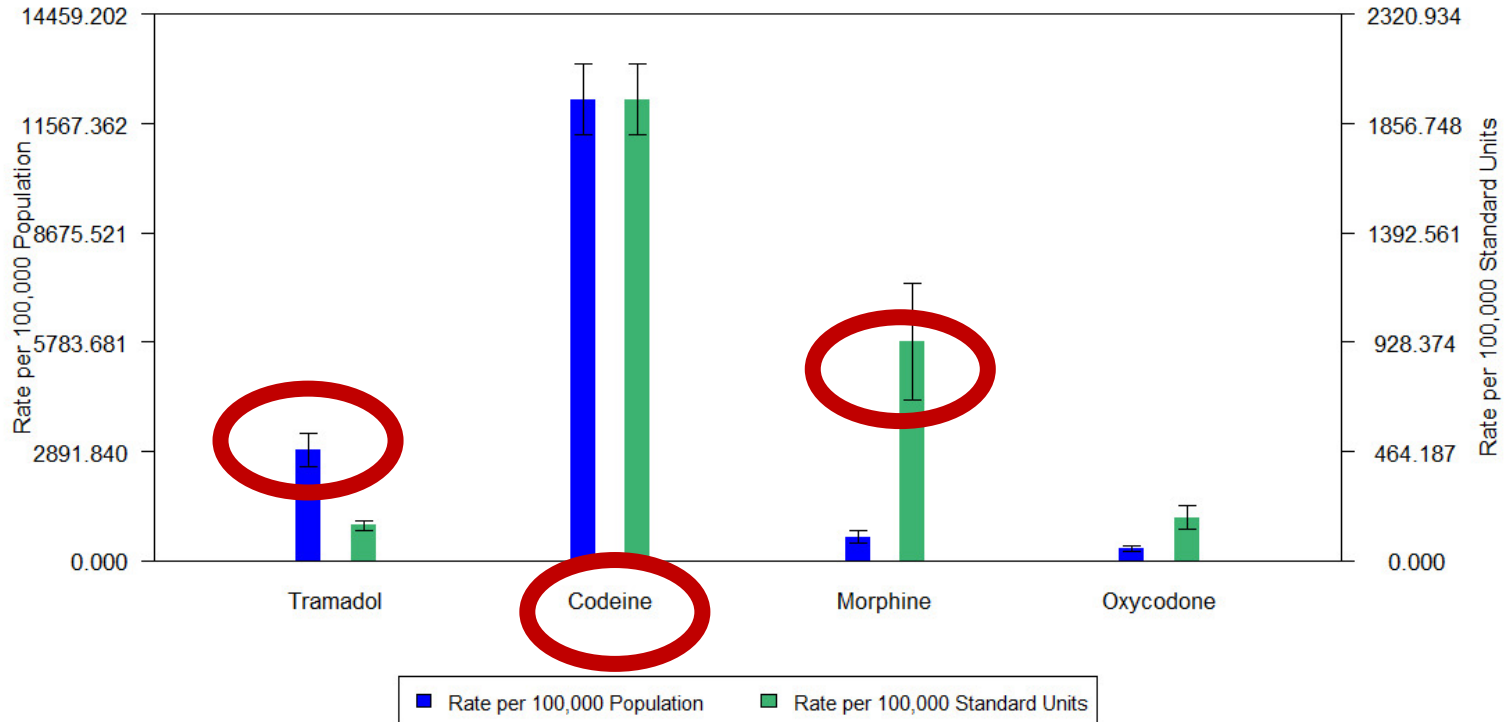
## Survey of Nonmedical Use of Prescription Drugs (NMURx)





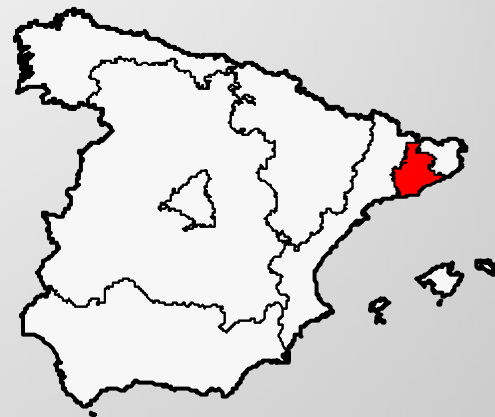
# Spain: Misuse by Type of Opioid

## Survey of Nonmedical Use of Prescription Drugs (NMURx)

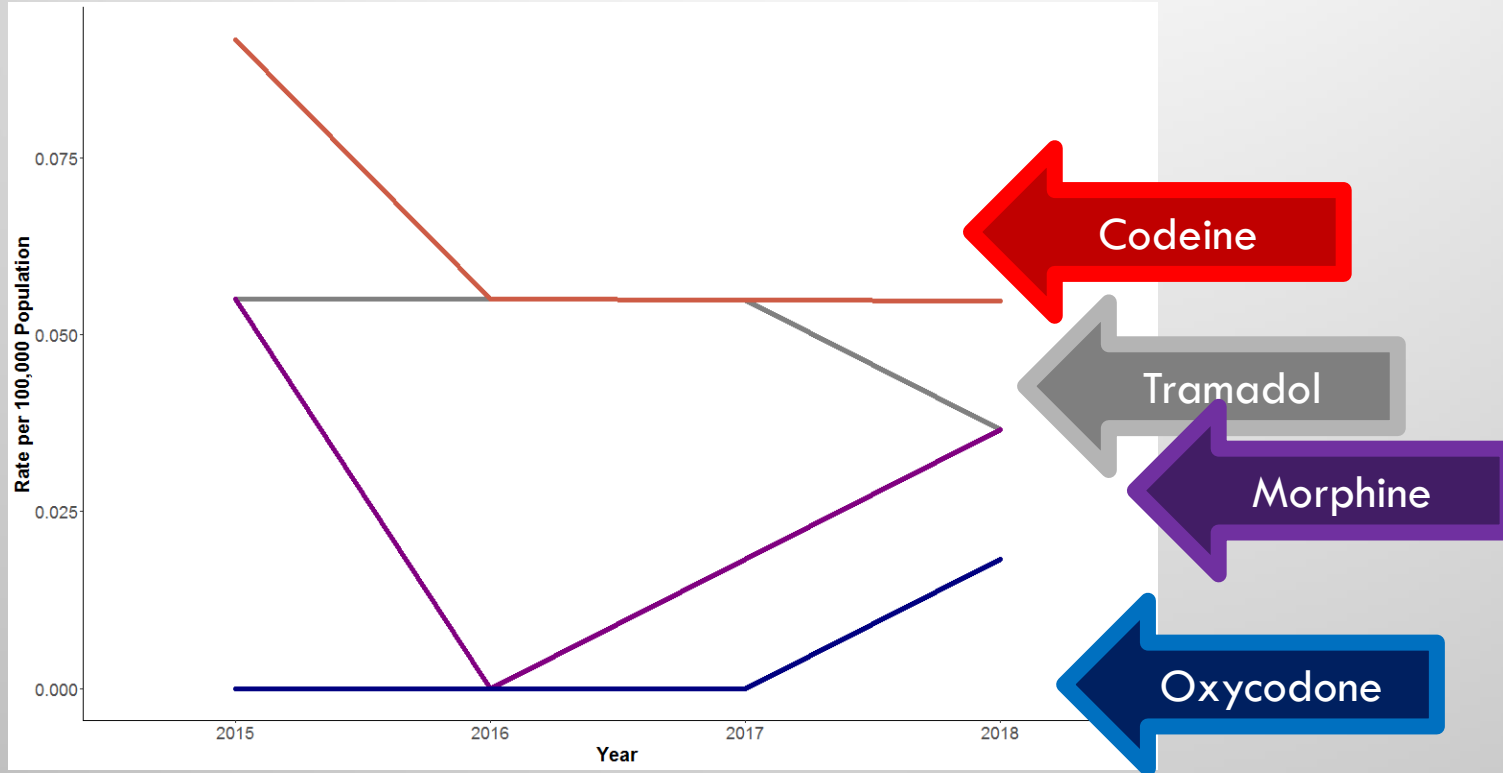


# Entering Treatment Centres (Europad)

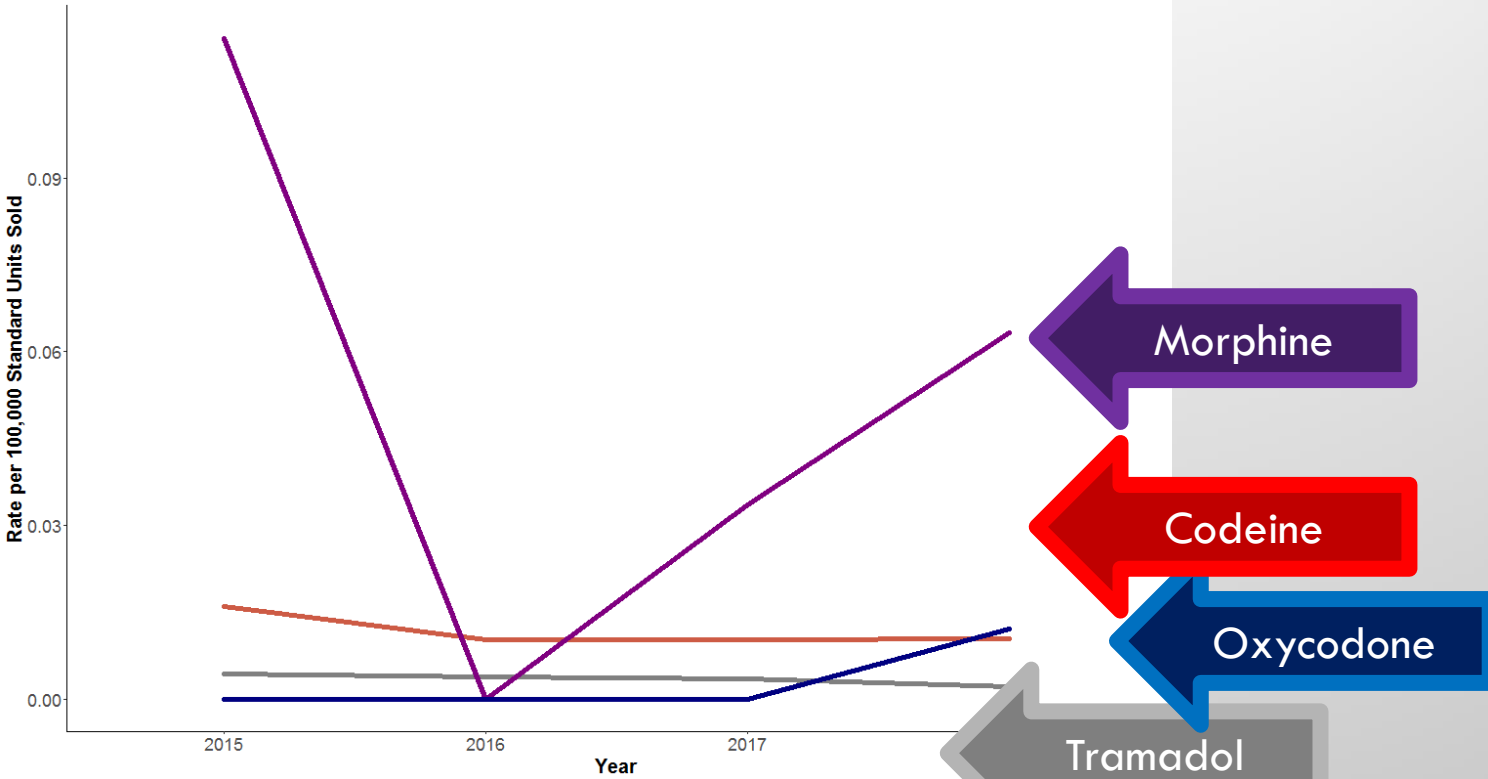
- Individuals entering treatment for Opioid Use Disorder
- Network of treatment centres and their covered populations
- Surveys ask about past 3 months misuse including routes, primary drug and non-opioids



# Spain: Addiction Centres (Europad) Misuse Rate per Population



# Spain: Addiction Centres (Europad) Misuse Rate per Units Sold



# Spain: Conclusions

- Tramadol and codeine most prescribed opioids
- Pain relievers and sedatives most misused by general population
  - Codeine most misused of the opioids
- Codeine and tramadol most misused by those entering addiction treatment per population
  - Morphine and oxycodone on the rise
  - Similar increases when adjusted for drug availability