



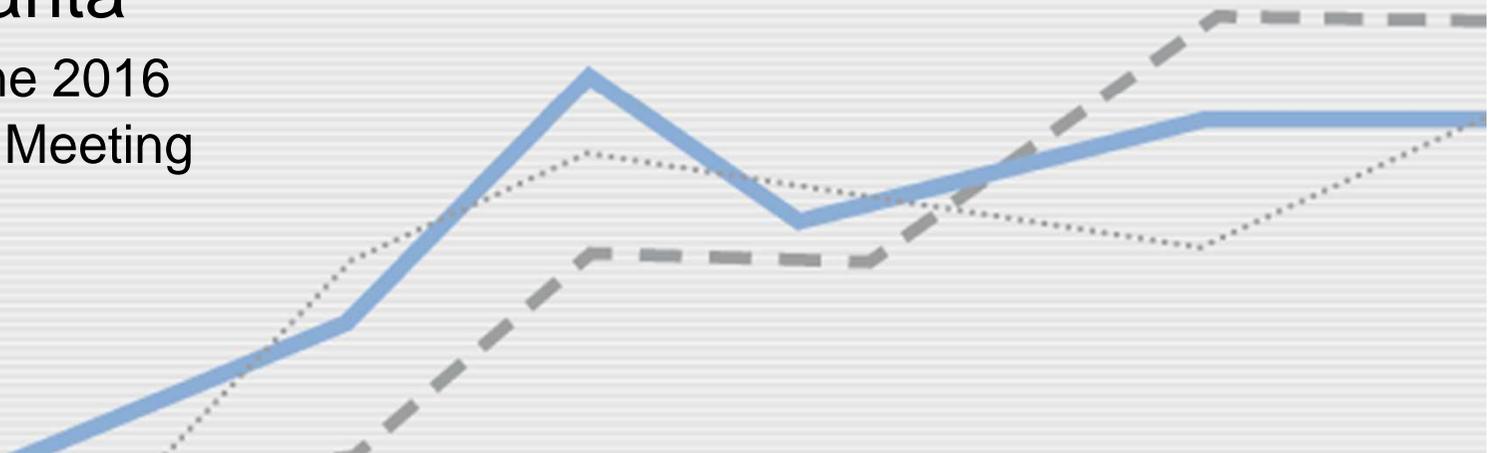
European Monitoring Centre
for Drugs and Drug Addiction

Data quality issues of the 2015th TDI data collection

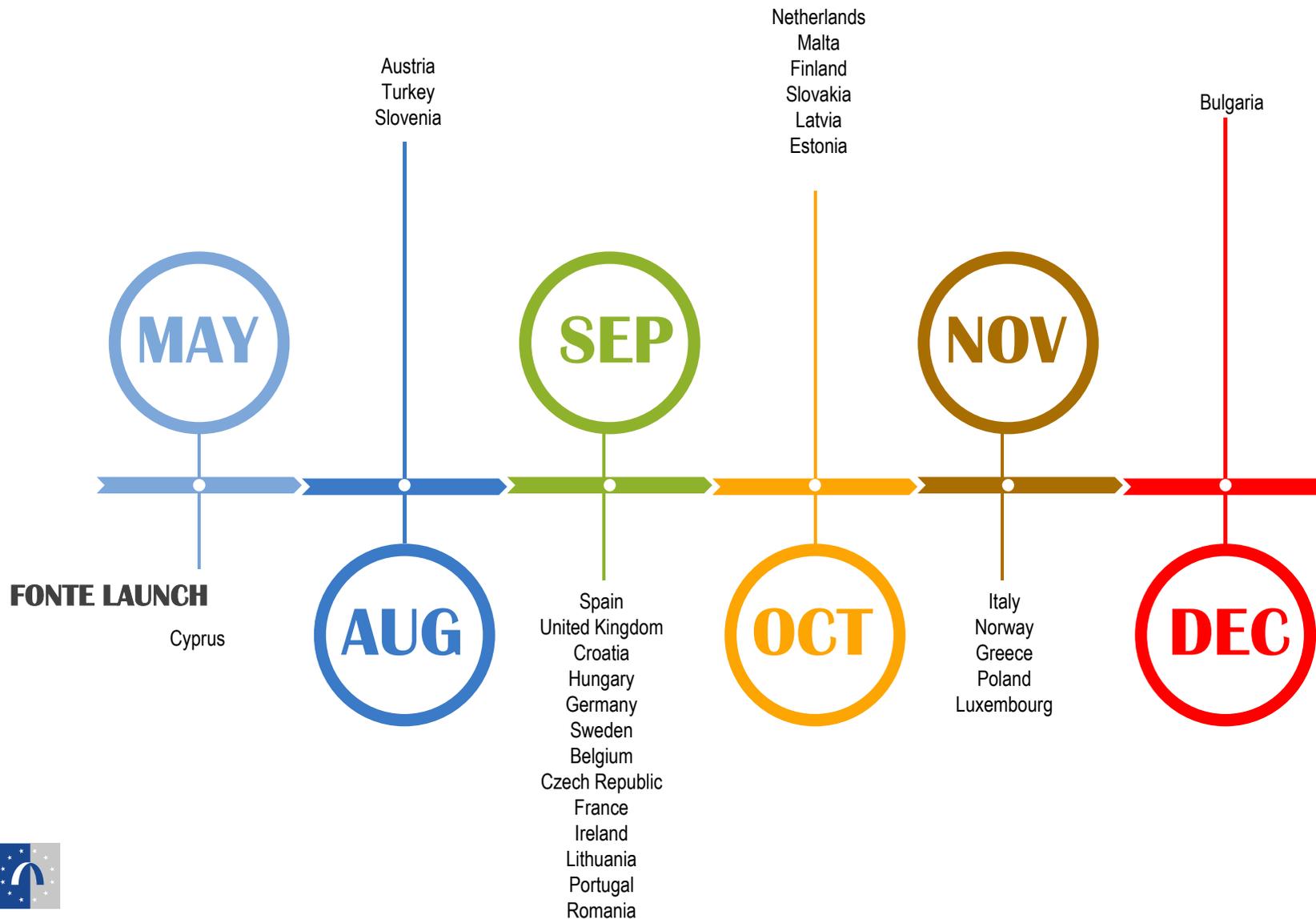
Bruno Guarita

Lisbon, 9th June 2016

EMCDDA TDI Meeting



2015th TDI submissions

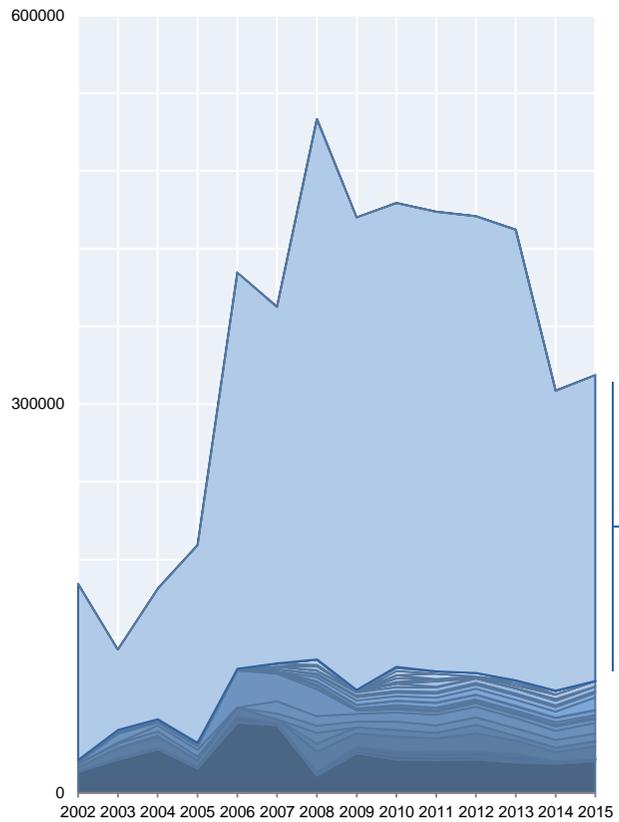


2015th TDI submissions

- **17 countries reported before the deadline**
- **12 countries reported after the deadline**
 - 6 in October
 - 5 in November
 - 1 in December
- **1 country did not report TDI data in 2015**



2015th TDI submissions



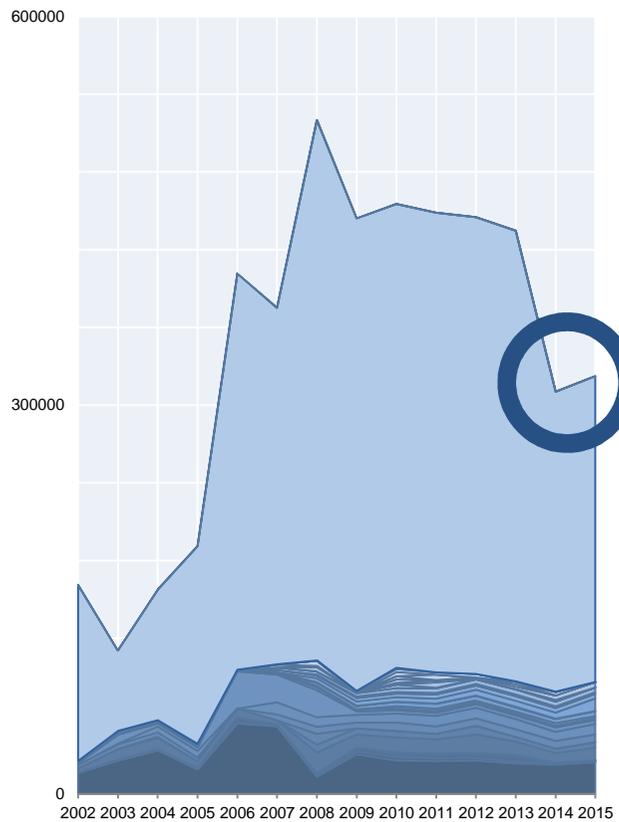
Treatment Demand



2015 collection year



2015th TDI submissions



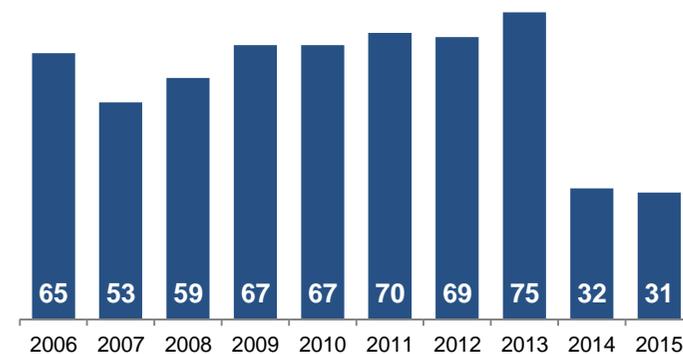
TDI Protocol 3.0

33% less records with TDI 3.0

Average of about 350 000 (2006 – 2012)

231 000 in 2014

236 000 in 2015



2015th TDI submissions - TDI Fonte template

Coverage	Definitions
Double counting	Treatment status
Treatment centre	Sex
Age at entering treatment	Mean Ages
Source of Referral	Living with whom
Living where	Living with children
Education	Labour status
Route of administration	Frequency of use
Age at first use	Injecting behaviour
Years since first injection	Polydrug use
Secondary drugs	HIV and HCV testing
Needles sharing	OST

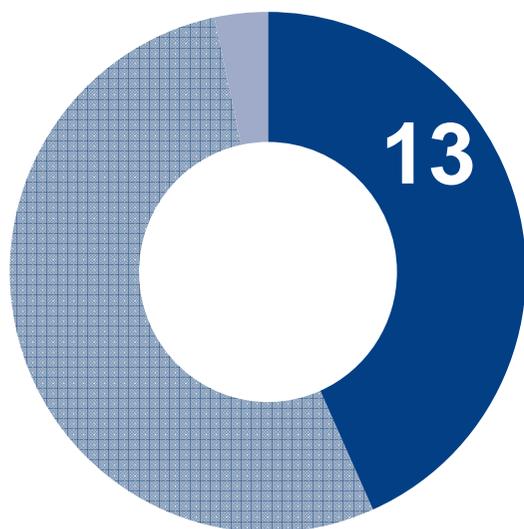


2015th TDI submissions - TDI Fonte template

24 sections

71 tables / matrixes

36 methodological questions



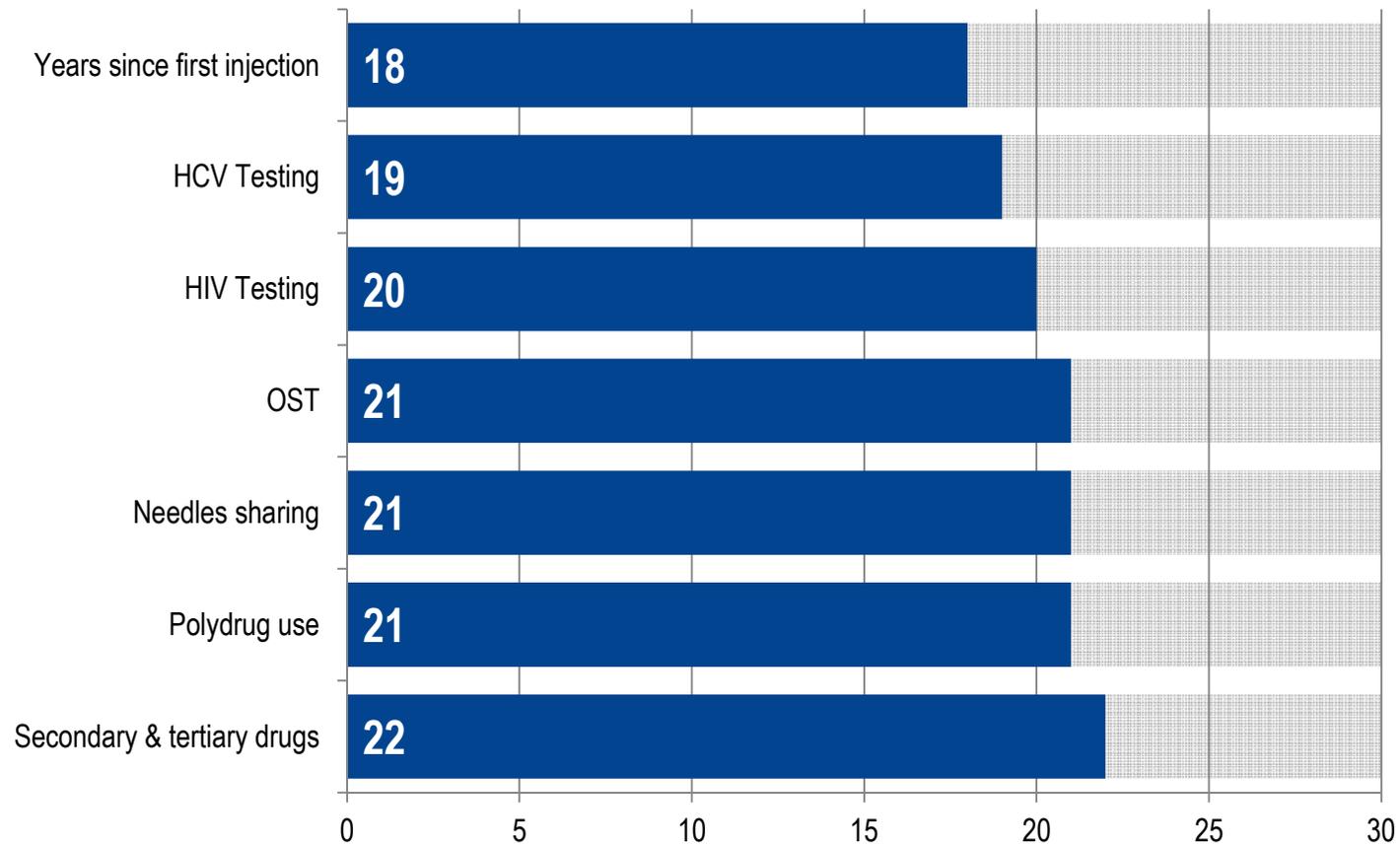
13 reported data for all the 24 sections

26 countries reported at least 1 variable included in the new TDI 3.0

- ✓ OST | HIV and HCV testing | Polydrug use | Secondary & tertiary drug | Age at first injection



2015th TDI submissions - TDI Fonte template



2015th TDI submissions - TDI Fonte template

Summary

13 countries (all 24 sections)

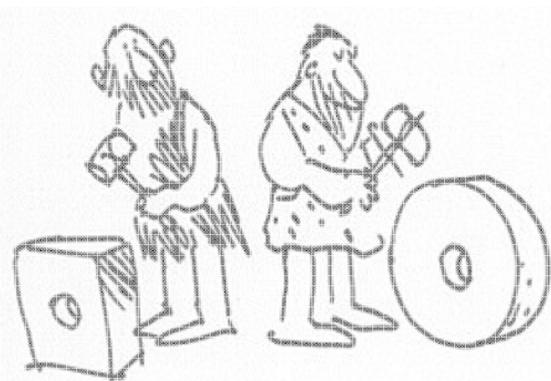
26 countries (at least 1 new variable)

New variables reported by more than 15 countries

- ✓ Less 45 reports / year
- ✓ Less 120 thousand data points / year



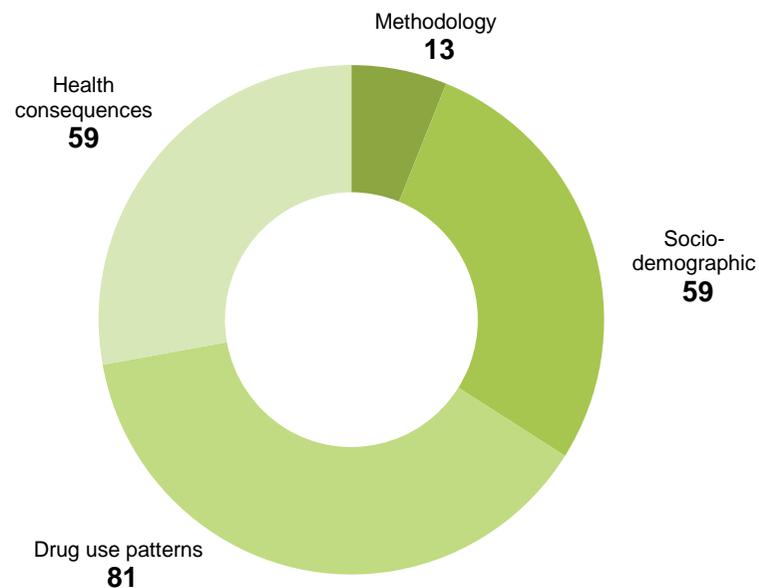
Quality of the data reported



45 requests

All reports required clarification

212 questions



Quality of the data reported

methodology

- methods and definitions
 - double counting
 - case definition
- coverage
 - inconsistencies TDI and ST24
 - grand totals
 - estimated coverage

45 requests

All reports required clarification

212 questions



Quality of the data reported

socio-demographic

- grand totals
- primary drugs
- **clients included under “other”**
- trends

45 requests

All reports required clarification

212 questions



Socio-
demographic
59



Substances included under “other”

Drugs included under “other” should be identified under section 9 of the TDI template

9.1.1 - Primary drug by type of treatment centre – All treatment entrants (Never previously treated + Previously treated + Not known/Missing)

	Outpatient treatment centres	Inpatient treatment centres	Treatment units in prison	General practitioners	Low threshold agencies	Other ¹	Not known / missing	Total
1. Opioids (Total)	401	660						1061
1.1 heroin	278	490						768
1.2 methadone misused	12	44						56
1.3 buprenorphine misused	2	6						8
1.4 fentanyl illicit / misused	7	6						13
1.5 other opioids (1)	102	114						216
2. Cocaine (Total)	62	36						98
2.1 powder cocaine (HCL)	55	36						91
2.2 crack cocaine	6	0						6
2.3 other (1)	1	0						1
3. Stimulants other than cocaine (Total)	1272	1363						2635
3.1 amphetamines	857	949						1806
3.2 methamphetamines	123	90						213
3.3 MDMA and derivatives	3	8						11
3.4 synthetic cathinones	187	134						321
3.5 other stimulants (1)	102	182						284

Example:

128 – Oxycodone
58 – Tramadol
15 – Morphine

150 – Khat
58 – NPS
15 – unspecified

9.1.4 - Methodological comments and data interpretation for Primary drug by type of treatment centre

Category “heroin” includes heroin (brown and rarely appearing white). Category “other opioids” include so called “Polish kompot” (heroin gained from the poppy straws), still often used at the drug scene, and other opioids (morphine but also medicines with tramadol hydrochloride, DXM, codeine, oxycodone etc.). Categories “other stimulants”, “other hypnotics and sedatives” and “other substances” include mostly new psychoactive substances and OTC drugs with pseudoephedrine, codeine and DXM. Magic mushrooms was included to category “other hallucinogens”. Additionally category “cannabis” consist of fusion of categories marihuana, skunk (genetically modified marihuana) and hashish which are separate categories in Polish TDI. The alcohol is excluded from analysis.



Clients included under “other”

	1. occasionally employed	2. regularly employed	3. student	4. unemployed / discouraged	5. receiving social benefits / pensioners / house-makers / disable	6. other (please specify)	99. not known / missing	Total
1. Opioids (Total)	0	282	32	3452	688	139	152	4745
2. Cocaine (Total)	0	162	25	451	139	33	18	828
3. Stimulants other than cocaine (Total)	0	19	27	86	11	8	1	152
4. Hypnotics and Sedatives (Total)	0	60	35	698	183	51	38	1065
5. Hallucinogens (Total)	0	0	2	1	0	2	0	5
6. Volatile Inhalants	0	0	4	7	0	2	1	14
7. Cannabis (Total)	0	257	510	1375	177	270	56	2645
9. Other Substances (Total)	0	9	11	33	8	2	6	69
99. Not known / missing	0	0	0	0	0	0	0	0
TOTAL	0	789	646	6103	1206	507	272	9523

18.1.4 - Methodological comments and data interpretation for Primary drug by labour status

18.1.1- 18.1.3 The labour status is categorised based on the person's main economic status in the 30 days prior to entering treatment. Individuals who are "1. Occasionally employed" also fall into the other categories 2-6 and occasionally employed is not their principle economic status.



Quality of the data reported

drug use patterns

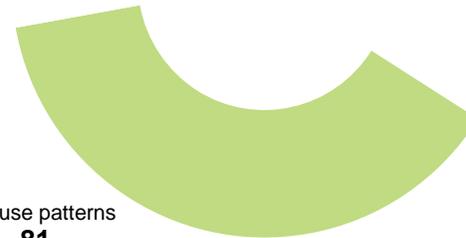
- grand totals
- primary drugs
- trends

- **injecting behaviour** (12 questions)
- **secondary drugs** (38 questions)

45 requests

All reports required clarification

212 questions



Drug use patterns
81



Injecting behaviour – no matter if primary or secondary drug

	1. never injected	2. ever injected (1)	2.1 injected, but not in the last 12 months	2.2 injected in the last 12 months, but not in the last 30 days	2.3 currently injecting (2)	3. don't want to answer	99. not known / missing	Total
1. Opioids (Total)								
1.1 heroin								
1.2 methadone misused								
1.3 buprenorphine misused								
1.4 fentanyl illicit / misused								
1.5 other opioids (1)								
2. Cocaine (Total)								
2.1 powder cocaine (HCL)								
2.2 crack cocaine								
2.3 other (1)								
3. Stimulants other than cocaine (Total)								
3.1 amphetamines								
3.2 methamphetamines								
3.3 MDMA and derivates								
3.4 synthetic cathinones								
3.5 other stimulants (1)								
4. Hypnotics and Sedatives (Total)								
4.1 barbiturates misused								
4.2 benzodiazepines misused								
4.3 GHB / GBL								
4.4 other hypnotics and sedatives (1)								
5. Hallucinogens (Total)								
5.1 LSD								
5.2 ketamine								
5.3 other hallucinogens (1)								
6. Volatile Inhalants								
7. Cannabis (Total)								
9. Other Substances (Total)								
99. Not known / missing								
TOTAL								

2. Ever injected =

2.1 injected but not in the last 12 months

+

2.2 last 12 months, not last 30 days

+

2.3 currently injecting

Categories are mutually exclusive

UNIQUE INDIVIDUALS



Quality of the data reported

drug use patterns

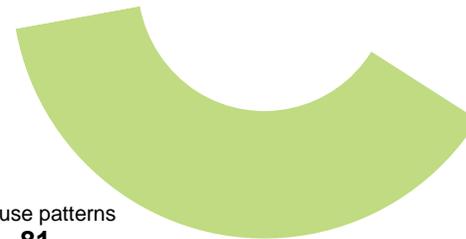
- grand totals
- primary drugs
- trends

- **injecting behaviour** (12 questions)
- **secondary drugs** (38 questions)

45 requests

All reports required clarification

212 questions



Drug use patterns
81



Secondary drugs (secondary & tertiary)

	1. Heroin	2. Other opioids	3. Cocaine	4. Crack	5. Amphetamines / meth-amphetamines	6. Cannabis	7. Other stimulants	8. Hypnotics and Sedatives	9. Alcohol	10. Other drugs	11. None	12. Not known / missing	Total
1. Heroin													
2. Other opioids													
3. Cocaine													
4. Crack													
5. Amphetamines / methamphetamine													
6. Cannabis													
7. Other stimulants													
8. Hypnotics and Sedatives													
9. Alcohol													
10. Other drugs													
11. None													
12. Not known / missing													
Total													

secondary drug should be reported horizontally

tertiary drug should be reported vertically



Secondary drugs (secondary & tertiary)

Opioids

	1. Heroin	2. Other opioids	3. Cocaine	4. Crack	5. Amphetamines / meth-amphetamines	6. Cannabis	7. Other stimulants	8. Hypnotics and Sedatives	9. Alcohol	10. Other drugs	11. None	12. Not known / missing	Total
1. Heroin													
2. Other opioids													
3. Cocaine													
4. Crack													
5. Amphetamines / methamphetamine													
6. Cannabis													
7. Other stimulants													
8. Hypnotics and Sedatives													
9. Alcohol													
10. Other drugs													
11. None													
12. Not known / missing													
Total													

Example:

client entering treatment for heroin – primary drug

mentioned also taking cannabis – secondary drug



Secondary drugs (secondary & tertiary)

Cannabis

	1. Heroin	2. Other opioids	3. Cocaine	4. Crack	5. Amphetamines / meth-amphetamines	6. Cannabis	7. Other stimulants	8. Hypnotics and Sedatives	9. Alcohol	10. Other drugs	11. None	12. Not known / missing	Total
1. Heroin													
2. Other opioids													
3. Cocaine													
4. Crack													
5. Amphetamines / methamphetamine													
6. Cannabis													
7. Other stimulants													
8. Hypnotics and Sedatives													
9. Alcohol													
10. Other drugs													
11. None													
12. Not known / missing													
Total													

Example:

client entering treatment for cannabis – primary drug
mentioned taking cocaine – secondary drug
mentioned taking ecstasy – tertiary drug



Secondary drugs (secondary & tertiary)

Cannabis

	1. Heroin	2. Other opioids	3. Cocaine	4. Crack	5. Amphetamines / meth-amphetamines	6. Cannabis	7. Other stimulants	8. Hypnotics and Sedatives	9. Alcohol	10. Other drugs	11. None	12. Not known / missing	Total
1. Heroin													
2. Other opioids													
3. Cocaine													
4. Crack													
5. Amphetamines / methamphetamine													
6. Cannabis													
7. Other stimulants													
8. Hypnotics and Sedatives													
9. Alcohol													
10. Other drugs													
11. None													
12. Not known / missing													
Total													

All clients entering treatment with **cannabis** as their primary drug, without secondary drug(s)

All clients entering treatment with **cannabis** as their primary drug



Quality of the data reported

health consequences

- HIV / HCV testing
- Needles sharing
- **OST** (23 questions)

45 requests

All reports required clarification

212 questions

Health
consequences
59



Quality of the data reported

Opioid Substitution Treatment

- Question Primary drug by years since first OST

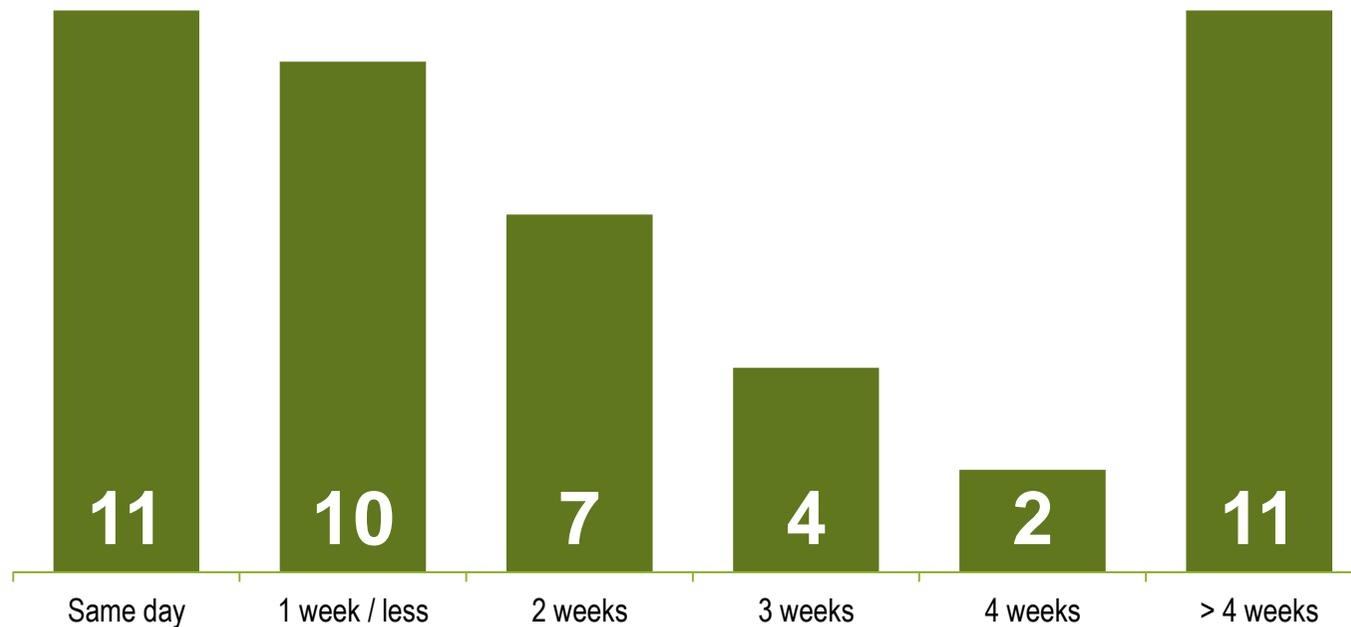
Relates **only** to the clients that **have been in OST before**



Quality of the data reported

Turnaround time

(amount of days between a question and the answer)



Quality of the data reported

Summary

- All reports required clarification
- Questions mostly related to
 - grand totals
 - missing values
 - changes in trends
 - primary drugs (other drugs)
- New variables with more questions
- Questions mostly related to
 - Secondary & tertiary drugs
 - OST
- Turnaround time
- Of the 45 requests for clarification
 - 21 replied within a week
 - 13 replied in 4 or more weeks



Thanks!

bruno.guarita@emcdda.europa.eu

