Growth of drug markets
Index:

global illicit opium production and
global population, 1998=100

Sources: UNODC, World Drug Report 2019 (and previous years) and World Bank, World Development Indicators.
Index:

Global illicit cocaine manufacture and global population, 1998=100

Sources: UNODC, World Drug Report 2019 (and previous years) and World Bank, World Development Indicators
 Trafficking and population growth

Long-term trend in quantities of drugs seized (based on kilogram equivalents), and population growth, 1998–2017


Graph showing the long-term trend in quantities of drugs seized (based on kilogram equivalents) and population growth from 1998 to 2017. The graph includes lines for Population, Cannabis, Cocaine, Opiates, Opioids, and ATS.
Drug use and population at the global level – index: 1998 = 100
Complex and fast dynamics of drug markets
The global emergence of New Psychoactive Substances

Number of unique NPS reported

- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018

Legend:
- Dissociatives
- Sedatives/Hypnotics
- Effect not yet assigned
- Opioids
- Classic Hallucinogens
- Synthetic Cannabinoid Receptor Agonists
- Stimulants
Breakdown of NPS by structure and mode of action

- Synthetic cannabinoids: 5%
- Synthetic cathinones: 3%
- Phenethylamines: 2%
- Tryptamines: 1%
- Piperazines: 30%
- Phencyclidine-type substances: 17%
- Piperazines: 19%
- Other substances: 23%
- Aminoindanes: 15%
- Stimulants: 36%
- Synthetic cannabinoid receptor agonists: 5%
- Classic hallucinogens: 8%
Heroin and Synthetic Drugs Seizures in Central Asia and the Russian Federation, 2014-2019

Note: The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations. Dashed lines represent undetermined boundaries. The dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not yet been agreed upon by the parties.
Links between daily smoking, risky drinking and recent illicit drug use among people aged 14 or older in Australia, 2016

Number of drug-induced deaths reported in the European Union in 2012 and 2017 (or most recent year) by age band

Number of dismantled methamphetamine laboratories, methamphetamine seizures and seizures of methamphetamine precursors, 2010-2017

Sources: UNODC, annual report questionnaire and INCB, Precursors 2018, New York 2018 (and previous years).
Global opium production in metric tons, 1906/1907 – 2018

Memo:
World population:
1906: 1.75 billion
2018: 7.63 billion

Note: The transformation of poppy straw into opium equivalents is tentative. A transformation ratio of around 7 kg of opium for 100 kg of poppy straw was applied, derived from average morphine output from poppy straw of 0.7% at the global level and an average opium morphine content of close to 10% at the global level (10 years average). Annual specific results were applied for data over the 2006-2016 period. Poppy straw figures for 2017 are still preliminary.

Estimates of opiate use among the total population
1907/08 and 2006

<table>
<thead>
<tr>
<th>Region</th>
<th>1907/08 Prevalence</th>
<th>2006 Prevalence</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASIA</td>
<td>3.3%</td>
<td>0.24%</td>
<td>-93%</td>
</tr>
<tr>
<td>WORLD</td>
<td>1.5%</td>
<td>0.25%</td>
<td>-83%</td>
</tr>
</tbody>
</table>

Successful prioritization: the 48 substances scheduled between 2015-2019 correspond to only 5 percent of all NPS but account for 22 percent of all NPS country reports to the UNODC Early Warning Advisory on NPS. 9 substances including 4 fentanyl's were scheduled at the 2019 meeting of the Commission on Narcotic Drugs.
Prevalence of drug use in Germany (2016) and Austria (2015)

**Austria:**
- Implementation of “Arzneimittelgesetz” (medicine law) as of 2008 to prohibit Spice imports
- Implementation of NPS Law: December 2012

**Germany:**
- Implementation of NPS law: November 2016

Drug problem: the same type of problem but with different characteristics in different countries/regions
Primary drug for treatment

2011

2016
Non medical use of pharmaceuticals in contexts of too much or too little

Global opioid crisis

Central, West and North Africa: non-medical use of tramadol

- tramadol seizures

- 2013 → 2017: x14

North America: fentanyl, non-medical use of pharmaceutical opioids, heroin

- opioid overdose deaths

- 2013 → 2017: x2

Source: UNODC, World Drug Report 2019
Synthetic opioids
Fentanyl and its analogues (including some NPS)

Methamphetamine

Non medical use of pharmaceutical stimulants

Amphetamine

Ecstasy

Old NPS cementing in marginalized population

Non medical use of Tramadol

Captagon (amphetamine)

Methamphetamine

Non medical use of Ketamine

Ecstasy
Prevalence of drug use - Opiates
Prevalence of drug use - Cannabis
To keep the genius inside the magic lamp
The challenge of keeping the public-health centric approach when there is a powerful business sector