

# **International & National Drug Trafficking Scenario**

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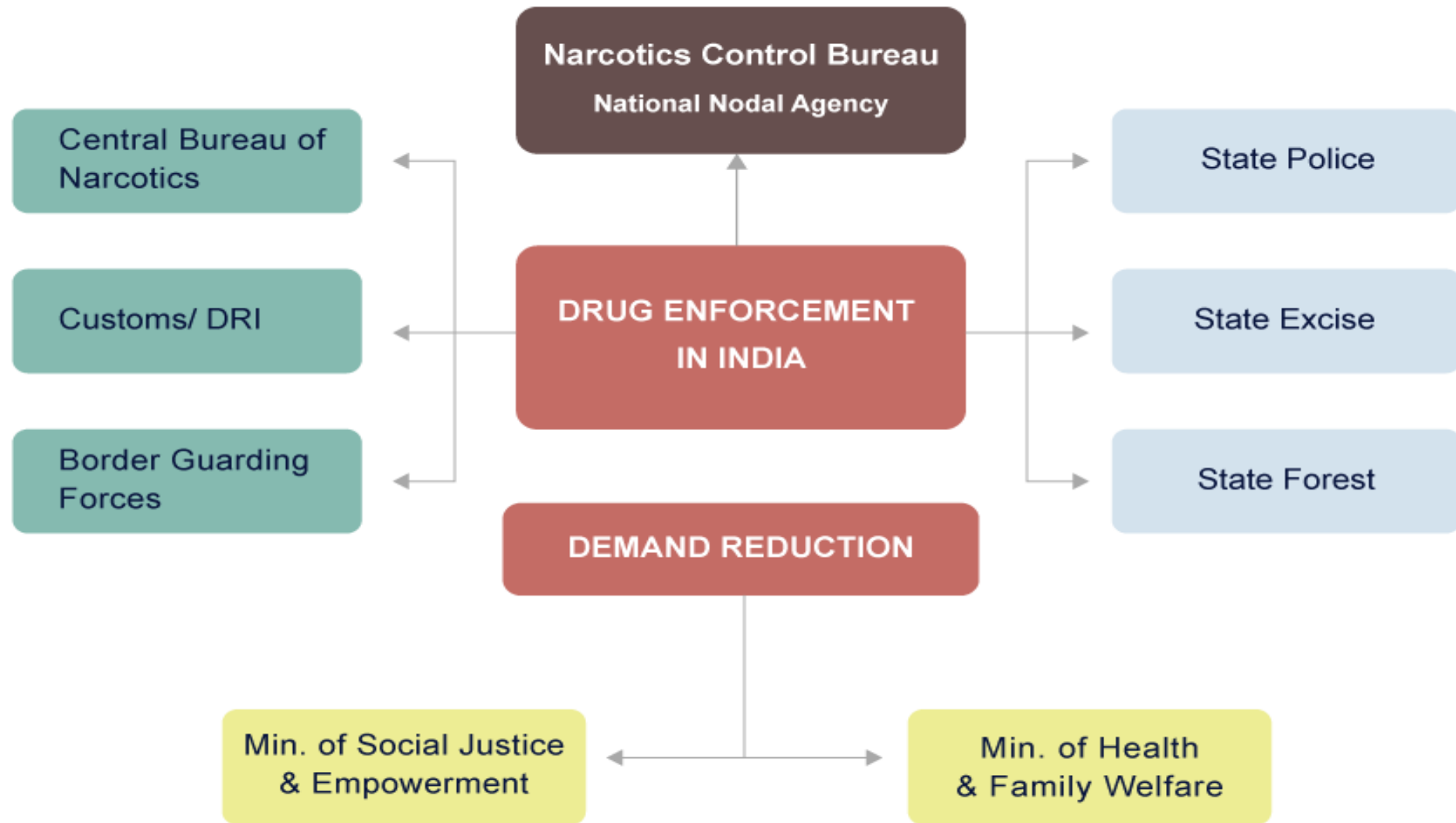
- ✧ Better identification of modus operandi
- ✧ Better understanding of Darknet and training to workforce
- ✧ Better understanding of shifting trend towards NPS / Synthetic Opioids / Pharmaceutical abuse
- ✧ Courier sensitization eg. Hotspots
- ✧ Identification of movement of foreigners

- ✦ Forward and backward linkages
- ✦ Targeting busting of networks
- ✦ Better use of control delivery
- ✦ Better Financial investigation
- ✦ PITNDPS proposals
- ✦ Better feedback from ground level enforcement officers to improve legislation

# Structure of the presentation

1. Drug administration in India
2. Drug abuse Global scenario
3. Drug abuse Indian scenario
4. Drug trafficking Global scenario
5. Drug trafficking Indian scenario
6. Covid-19 situation
7. Emergence of Dark net
8. Emergence of NPS & Synthetic Opioids

# **DRUG ADMINISTRATION IN INDIA**



# Creation and mandate of NCB

- ✦ NCB created (17<sup>th</sup> March 1986) under **Department of Revenue, Ministry of Finance** for taking measures with respect to:
  - ✦ Coordination of actions by various officers, State Governments and authorities,
  - ✦ Implementation of obligations under UN Conventions, in respect of counter measures against illicit traffic,
  - ✦ Assistance to authorities concerned in foreign countries/international organizations for coordination and universal action for suppression of illicit traffic

- ✦ India is signatory to all the three UN drug conventions:
  - ✦ The Single Convention on Narcotic Drugs of 1961
  - ✦ The Convention on Psychotropic Substances of 1971
  - ✦ The United Nations Convention against Illicit Traffic in Narcotic Drugs and Psychotropic Substances of 1988
- ✦ By virtue of this, India is dutybound to furnish country reports to various arms of UN periodically



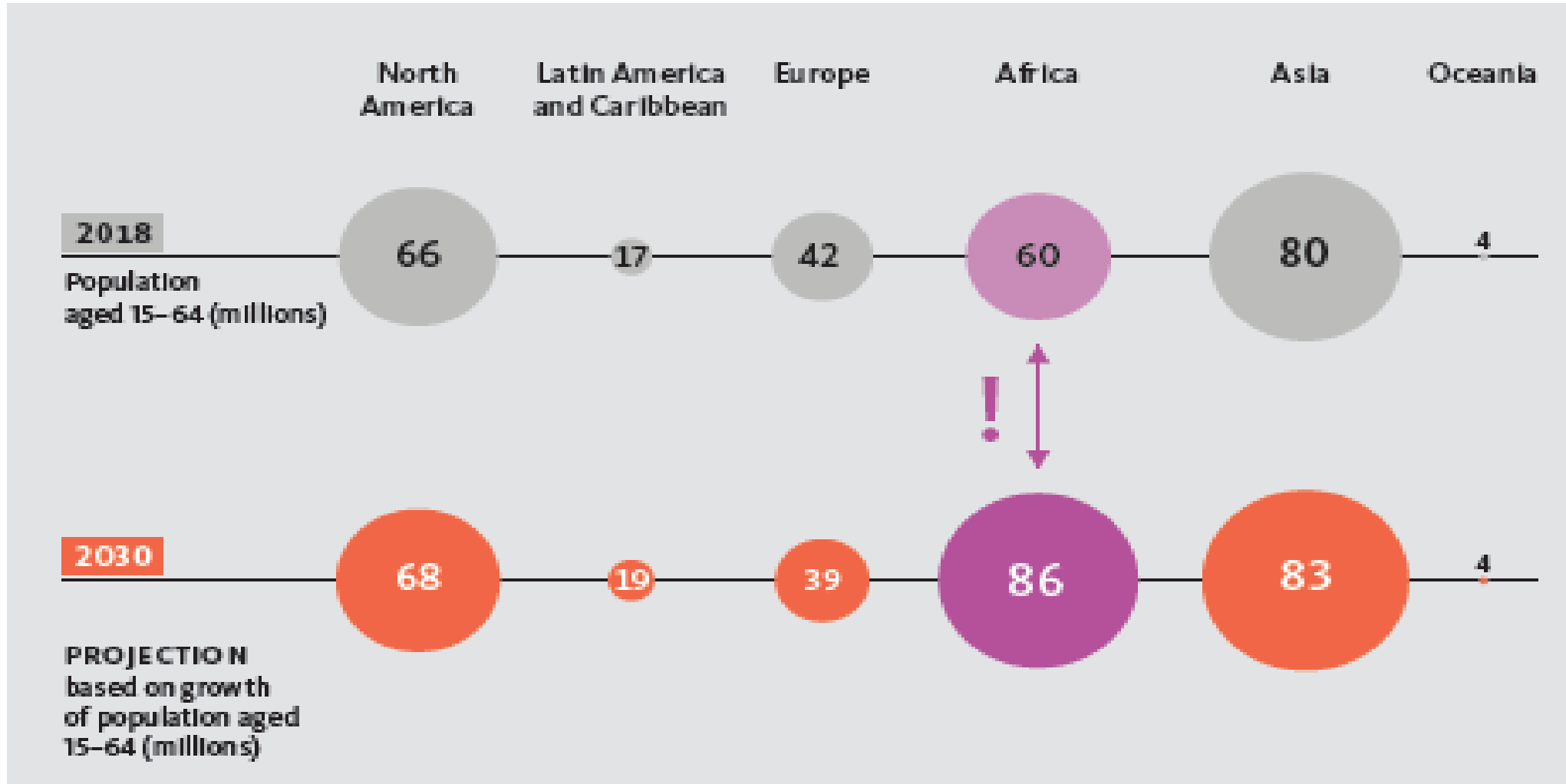
- ✦ **International Reporting** – Various Forms are required to be submitted to INCB/UNODC on quarterly/yearly/tri-yearly basis
- ✦ **Provides country notes for various International Visits and Meetings** to ministries and departments.

**DRUG ABUSE:**

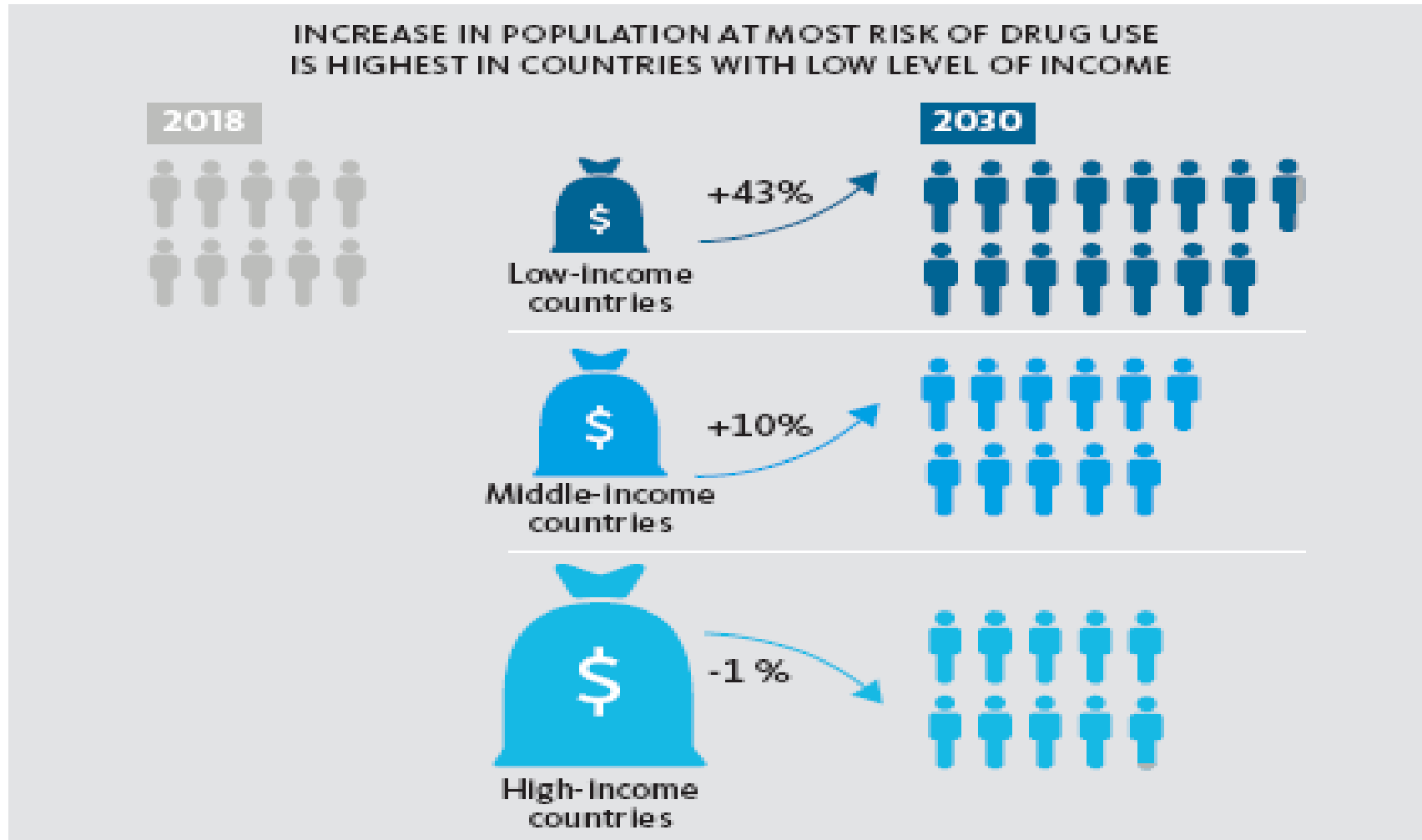
**GLOBAL SCENARIO**  
**(UNODC REPORT 2021)**

- ✦ 275 million people used drugs worldwide last year
- ✦ 36 million people suffer from drug use disorders
- ✦ Between 2010-2019 the number of people using drugs increased by 22 per cent
- ✦ Cannabis was the most used substance worldwide, with an estimated 200 million people using it worldwide.
- ✦ The last decade has witnessed the expansion of a dynamic market for **synthetic drugs** and of the **nonmedical use** of pharmaceutical drugs

# ESTIMATED NUMBER OF PEOPLE WHO USE DRUGS

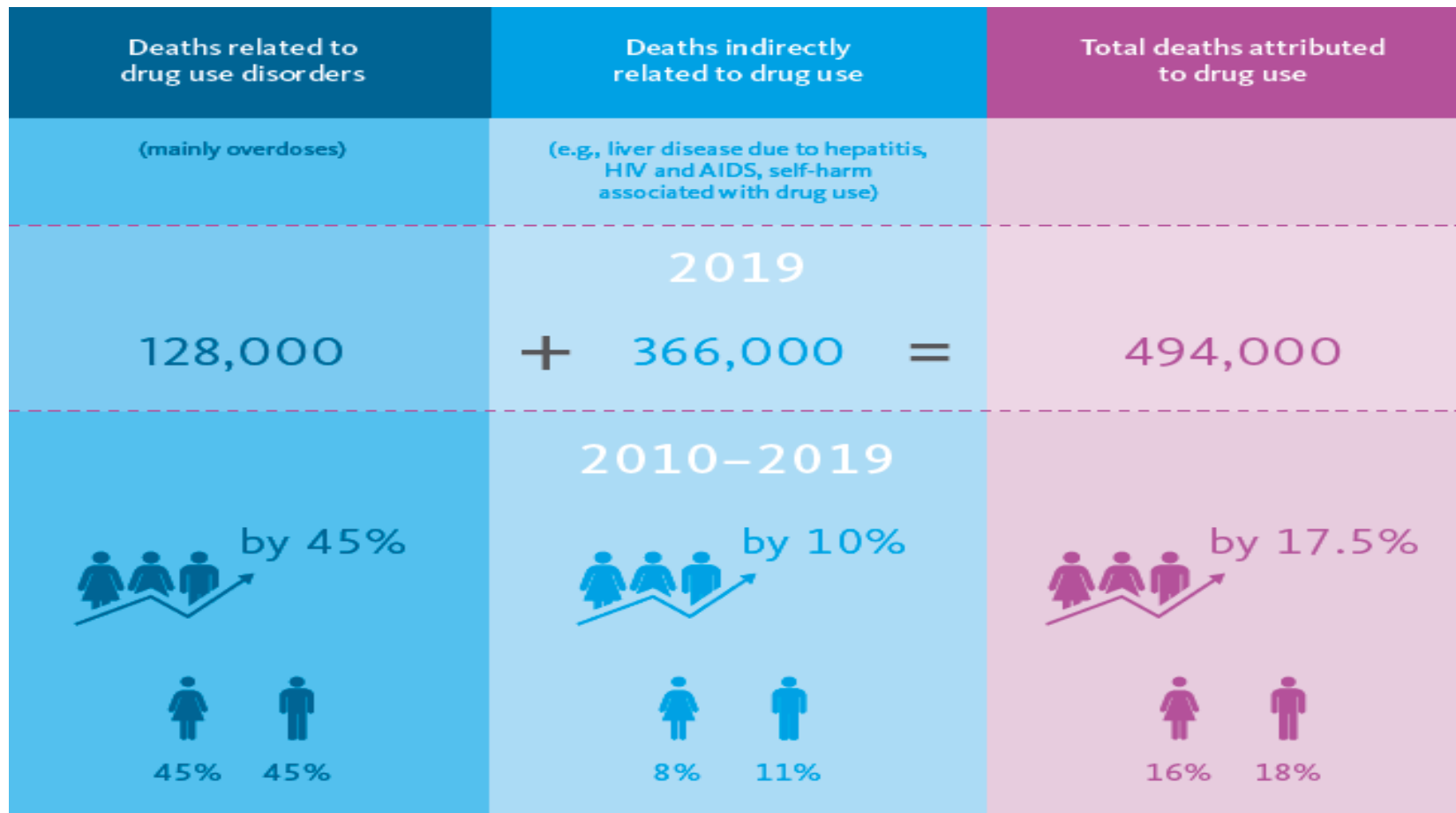


# Looking towards 2030: how will demographic changes impact drug use?



# Drugs related deaths

- ✧ Data released by the Global Burden of Disease Study indicates an overall increase in total deaths attributed to drugs of 17.5 per cent in the past decade.



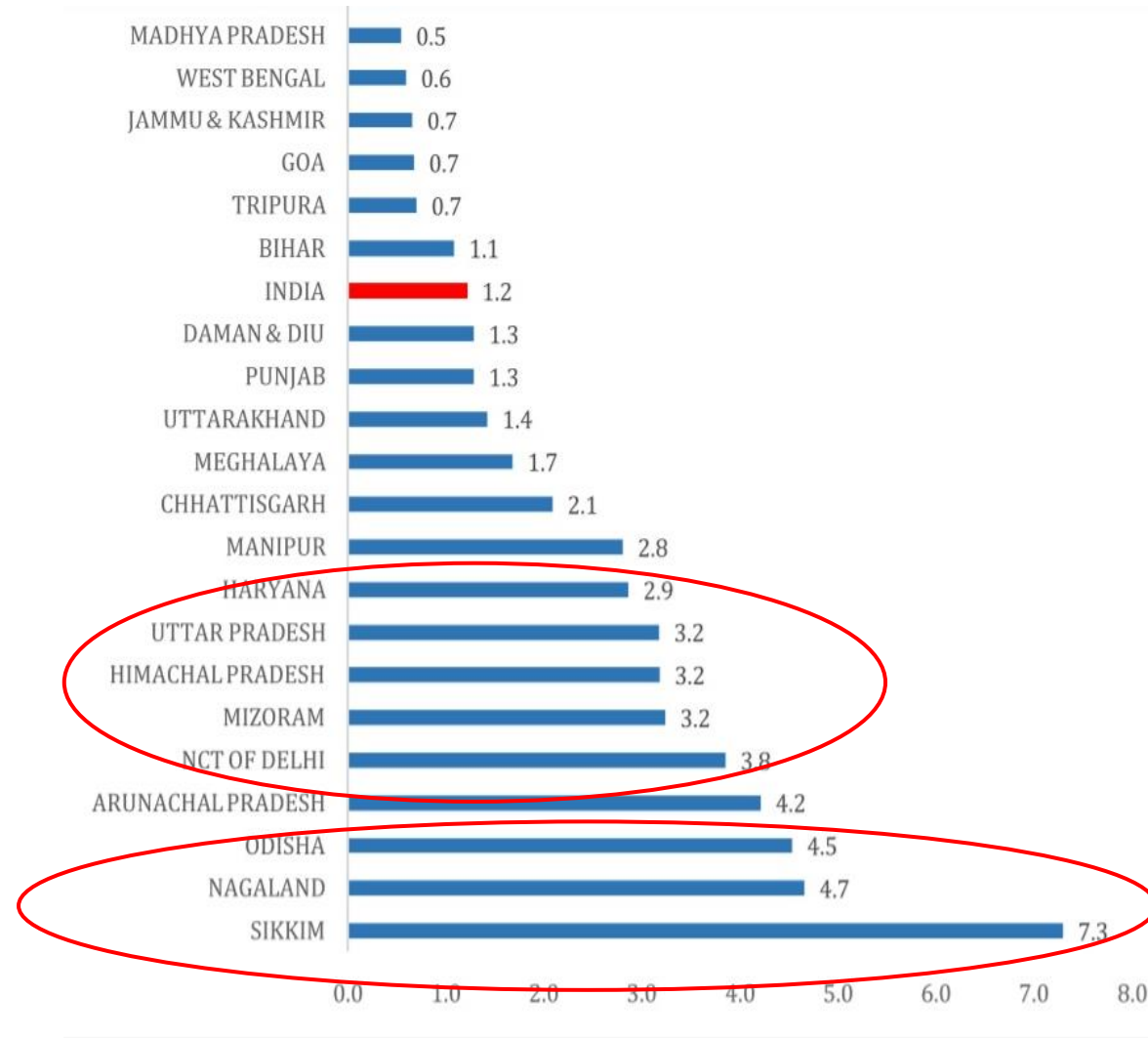
# **DRUG ABUSE: INDIA**

# Drugs abuse scenario: India and the World

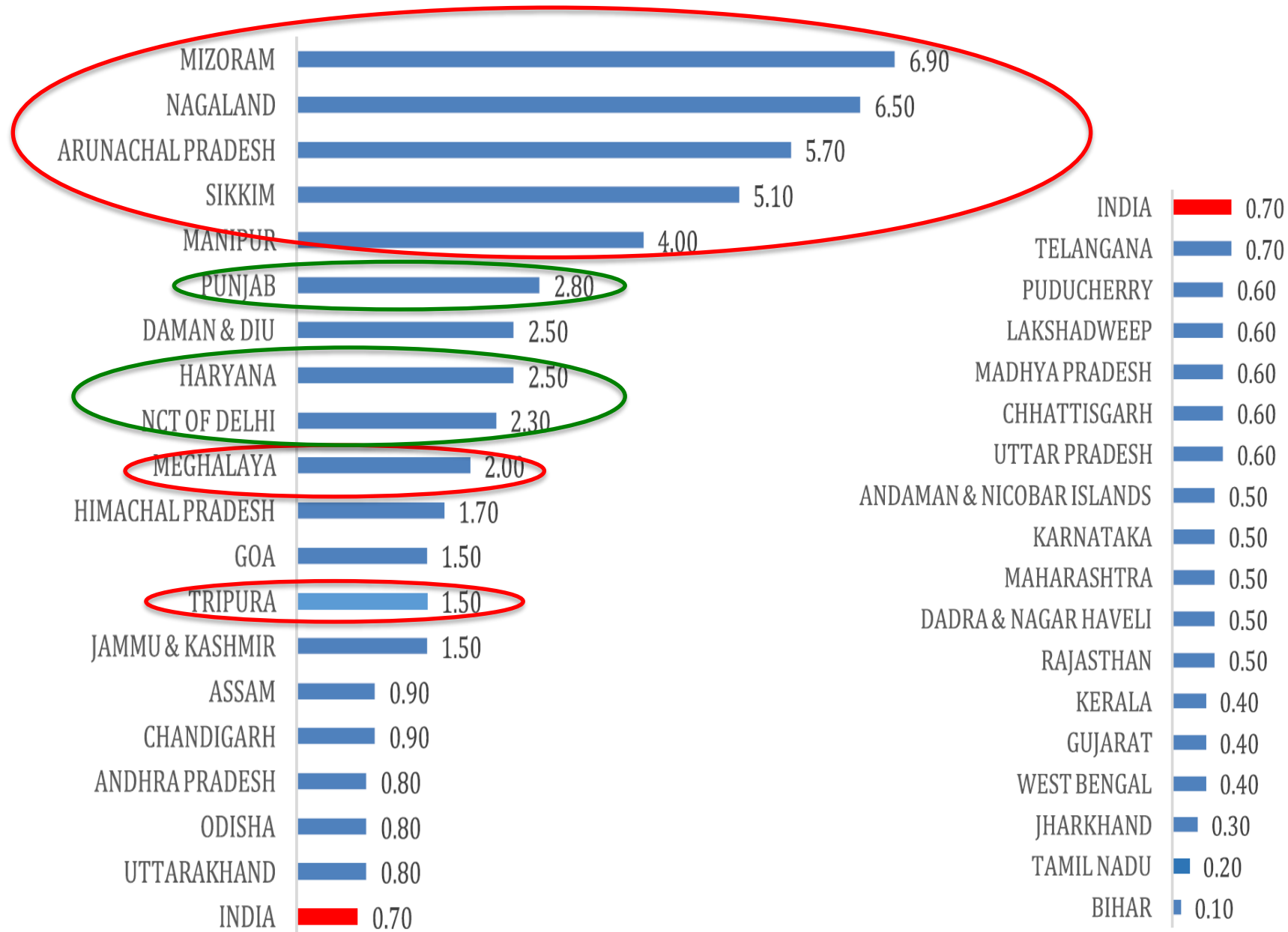
Drug Category	World (15-64 years)	Asia (15-64 years)	India (10-75 years)
<b>Cannabis</b>	3.9	1.9	1.2 ↓
<b>Opioids</b>	0.70	0.46	2.06 ↑
<b>Cocaine</b>	0.37	0.03	0.11 ↓
<b>ATS</b>	0.70	.059	0.18 ↓



# Problem use of Charas/Ganja in Indian States (%)



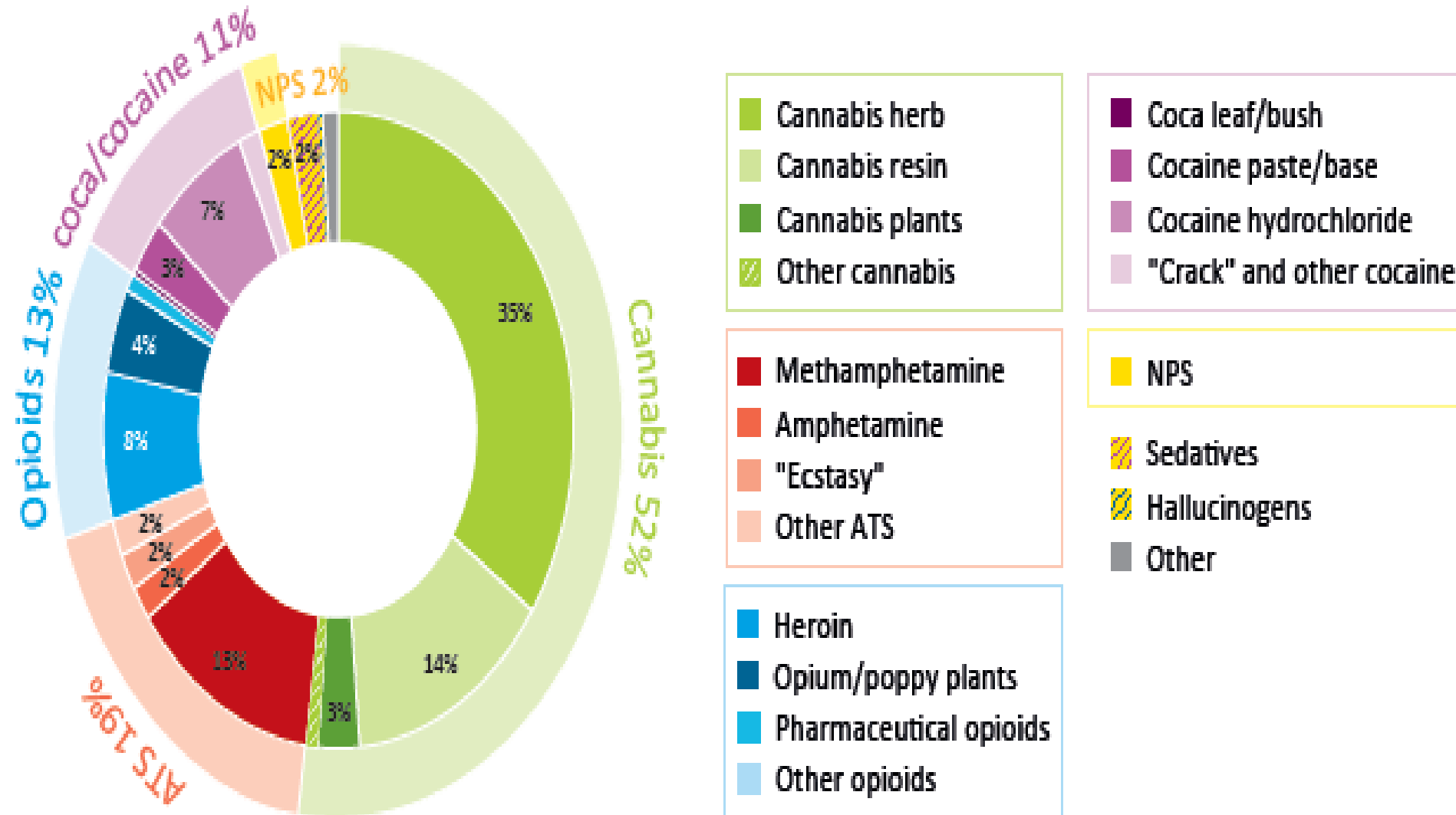
# Problem use of opioids in Indian States (%)



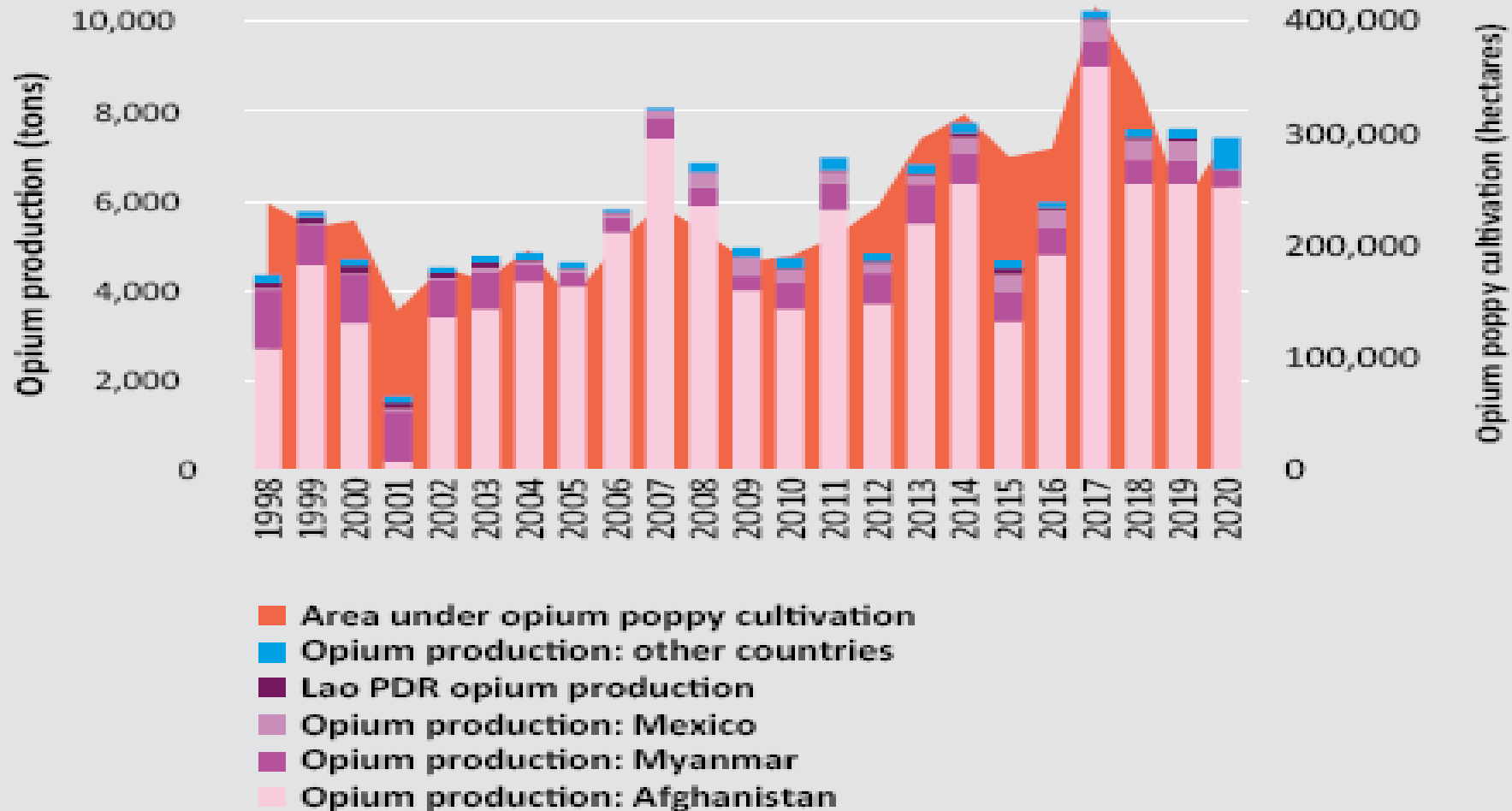
DRUG TRAFFICKING:  
GLOBAL SCENARIO  
(UNODC REPORT 2021)

- ✧ The quantities of most drug types seized at the global level have increased over the last five years.
- ✧ In 2021, cannabis herb continued to be seized in much larger quantities than cannabis resin and cannabis oil.
- ✧ Largest increases in seizure (more than tenfold) were reported for plant based NPS most notably khat (not under NDPS Act).
- ✧ Drug markets on the dark web only emerged a decade ago but major ones are now worth at least US\$ 315 million in annual sales. Although this is just a fraction of overall drug sales, the trend is upwards with a fourfold increase between 2011 to 2017 and 2017 to 2021.

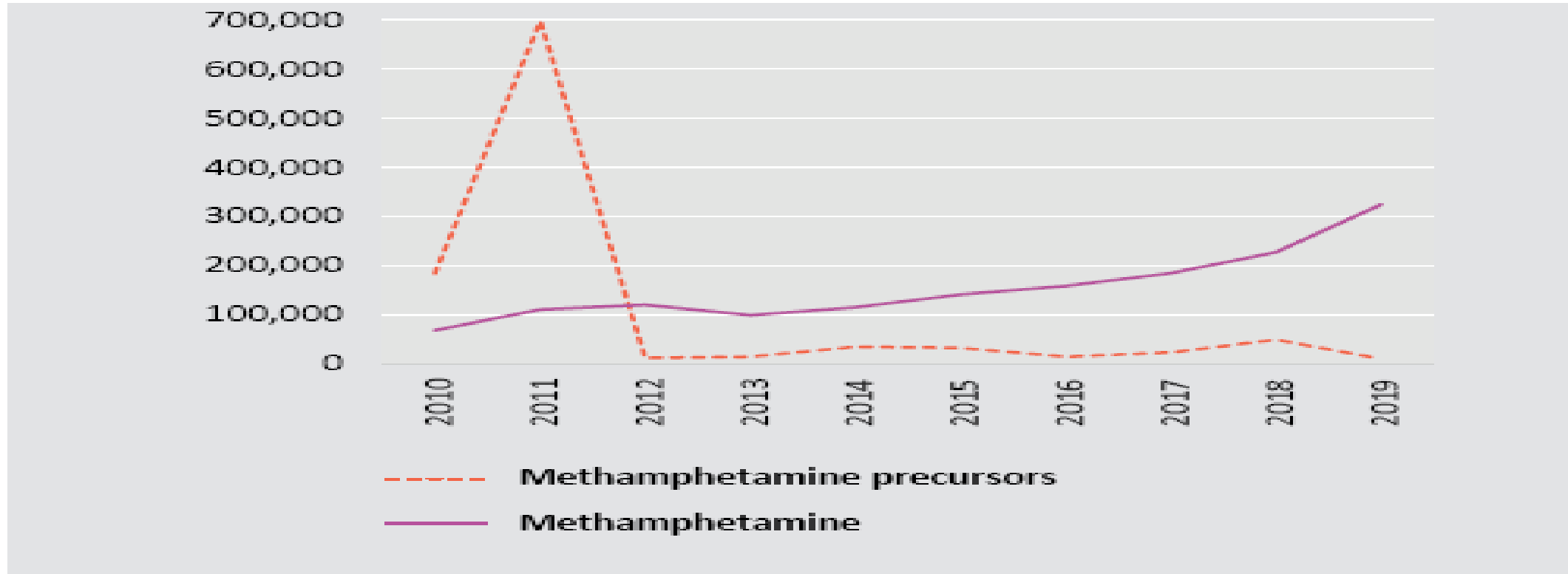
# Global distribution of drug seizure cases by drug types, 2017-2021



# Global production of opium

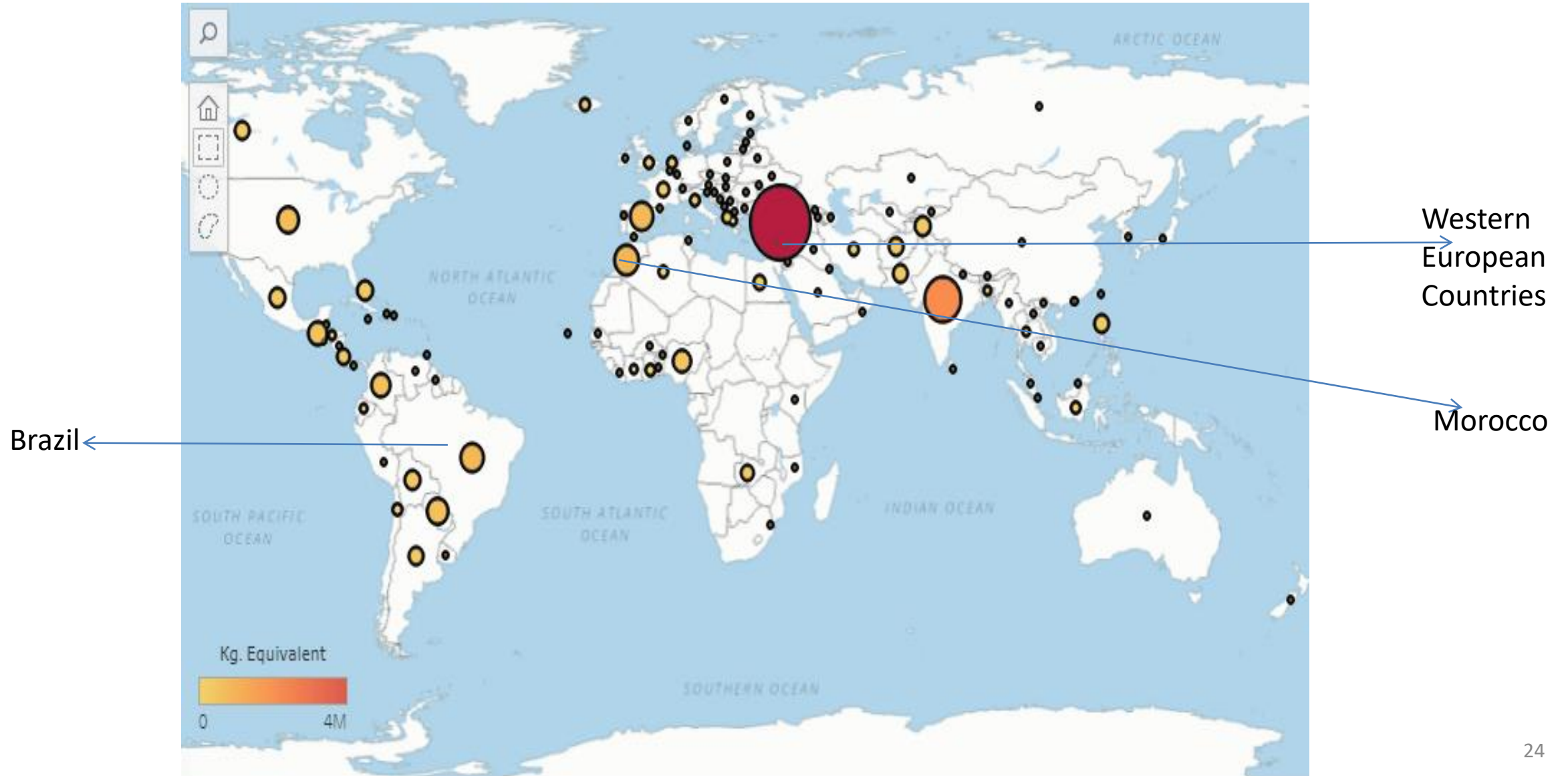


# Methamphetamine seizures



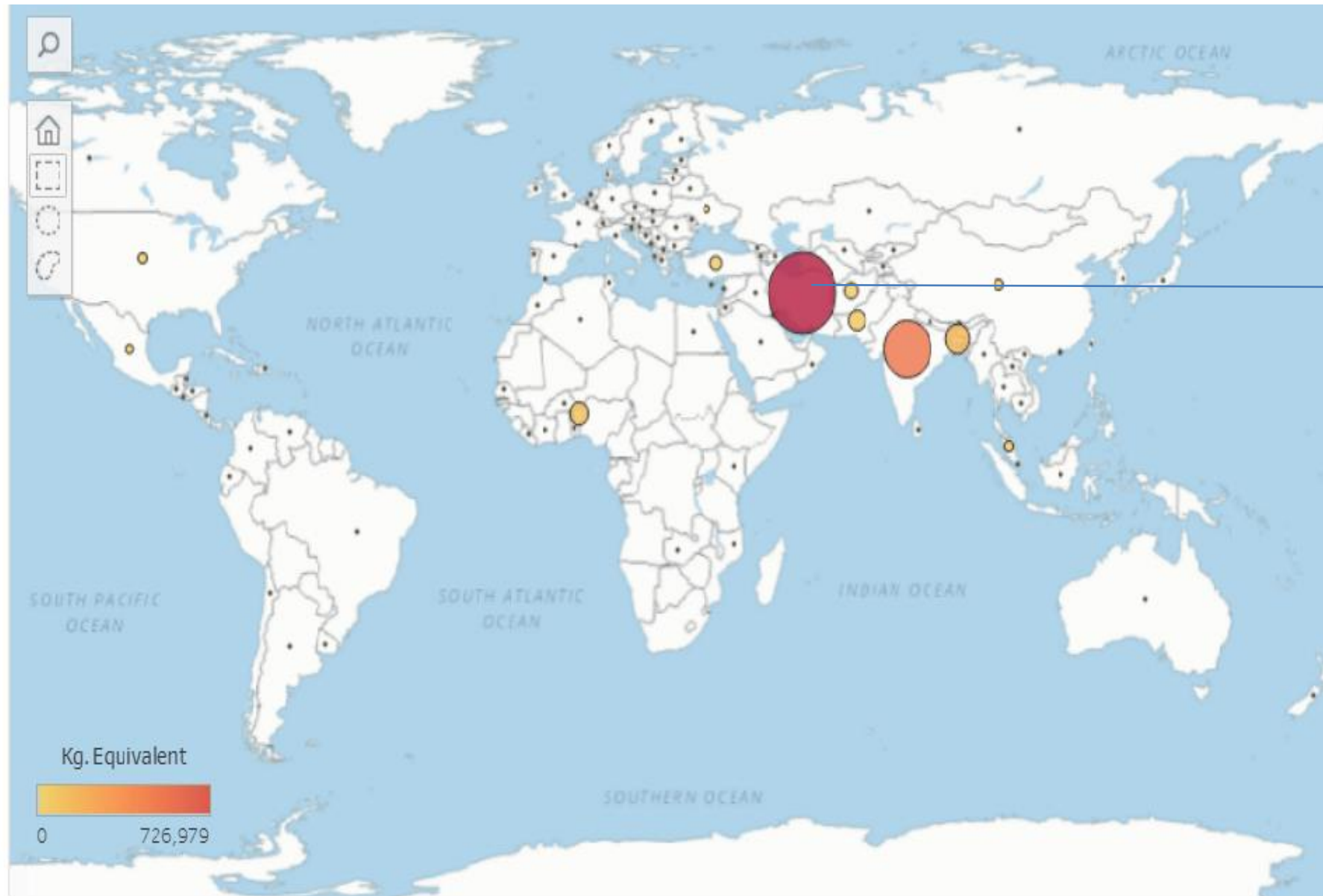
The global interception of methamphetamine has increased over the years while the interception of its internationally controlled precursors (EPHDRINE) has declined

# Cannabis Seizure 2021





# Opioids Seizure 2021

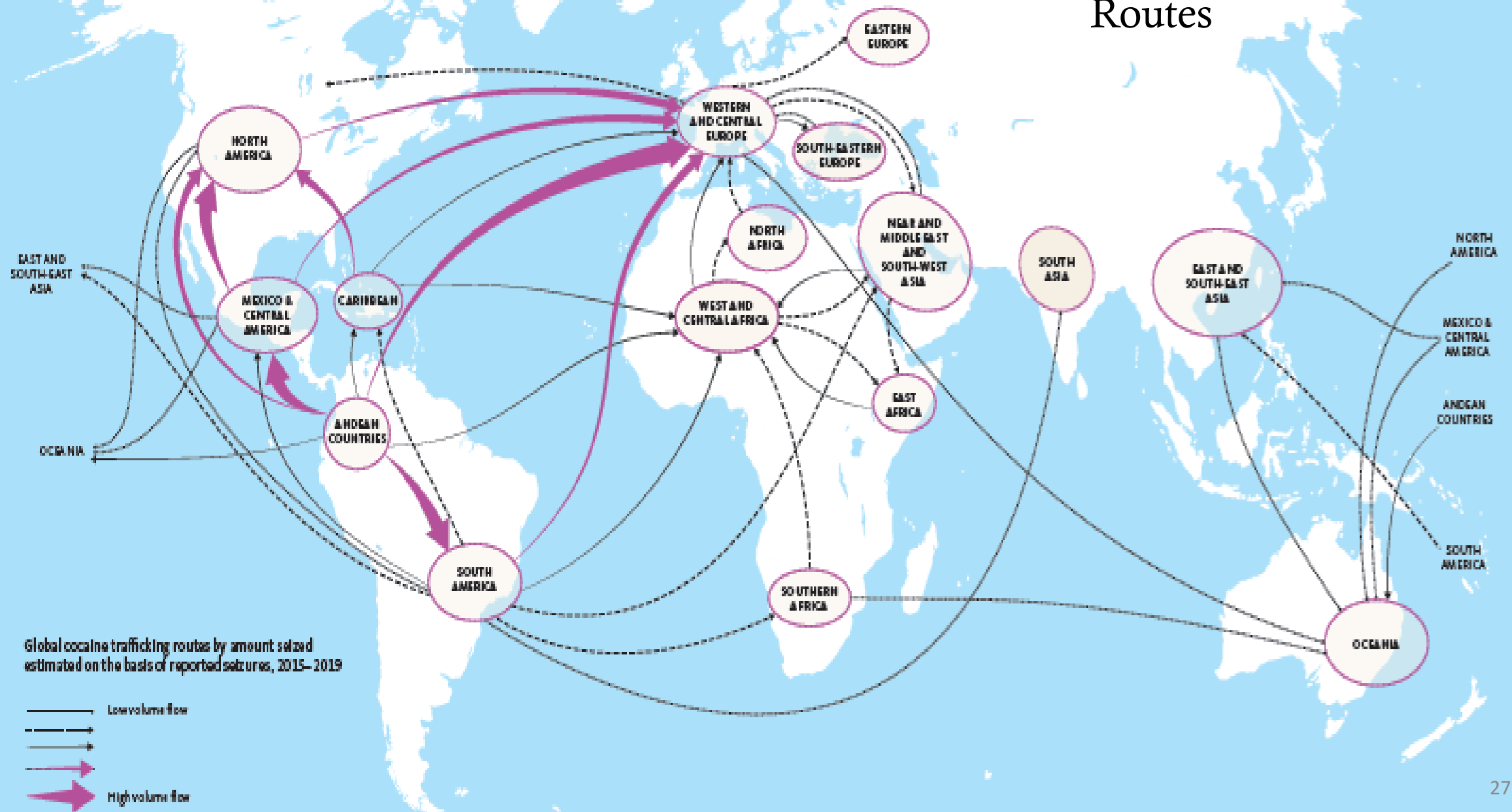


Countries near Afghanistan i.e Iraq , Iran , Turkey

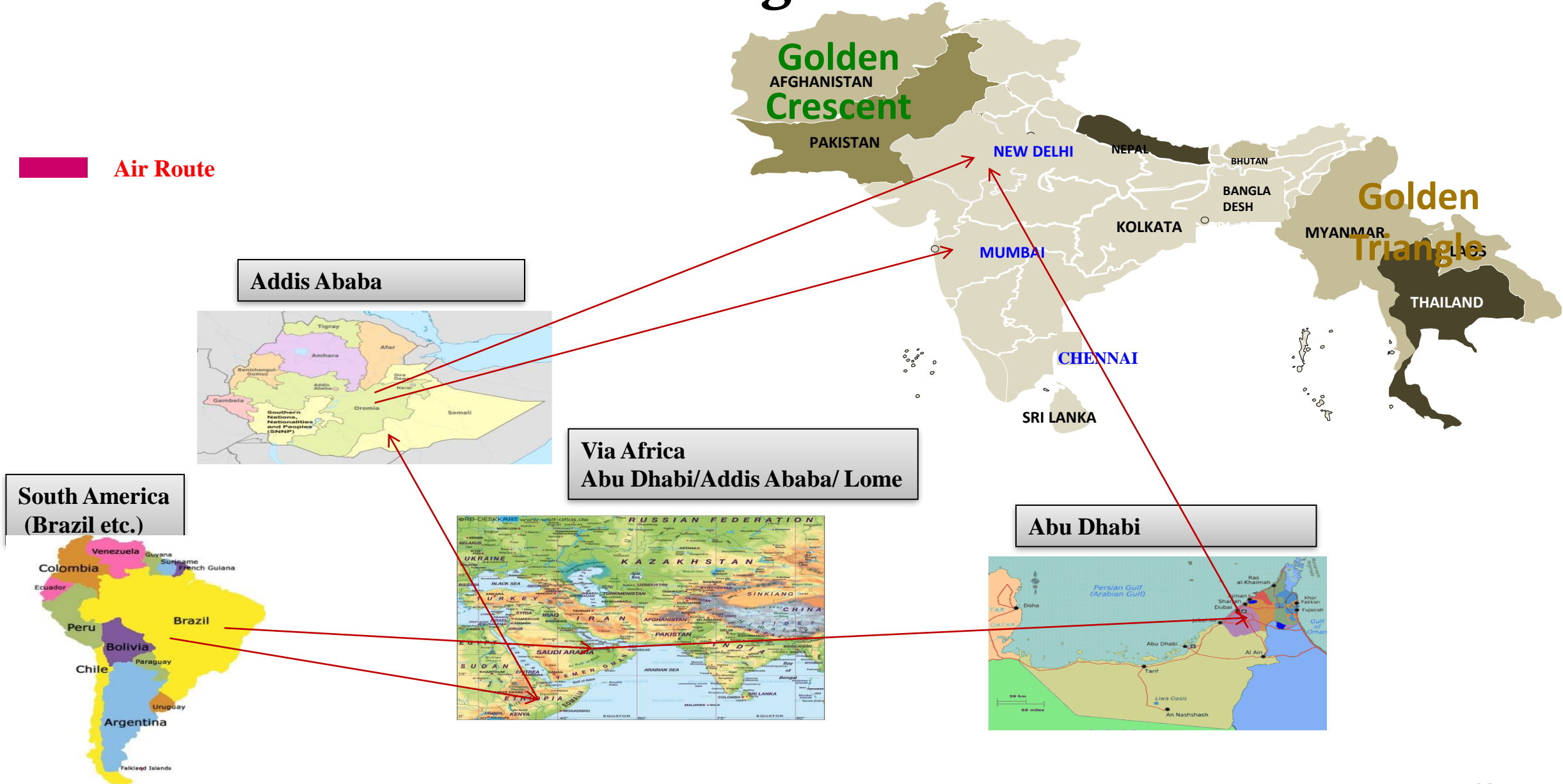
# Heroin Trafficking Routes



# Cocaine Trafficking Routes



# Cocaine - Trafficking Trends / Pattern



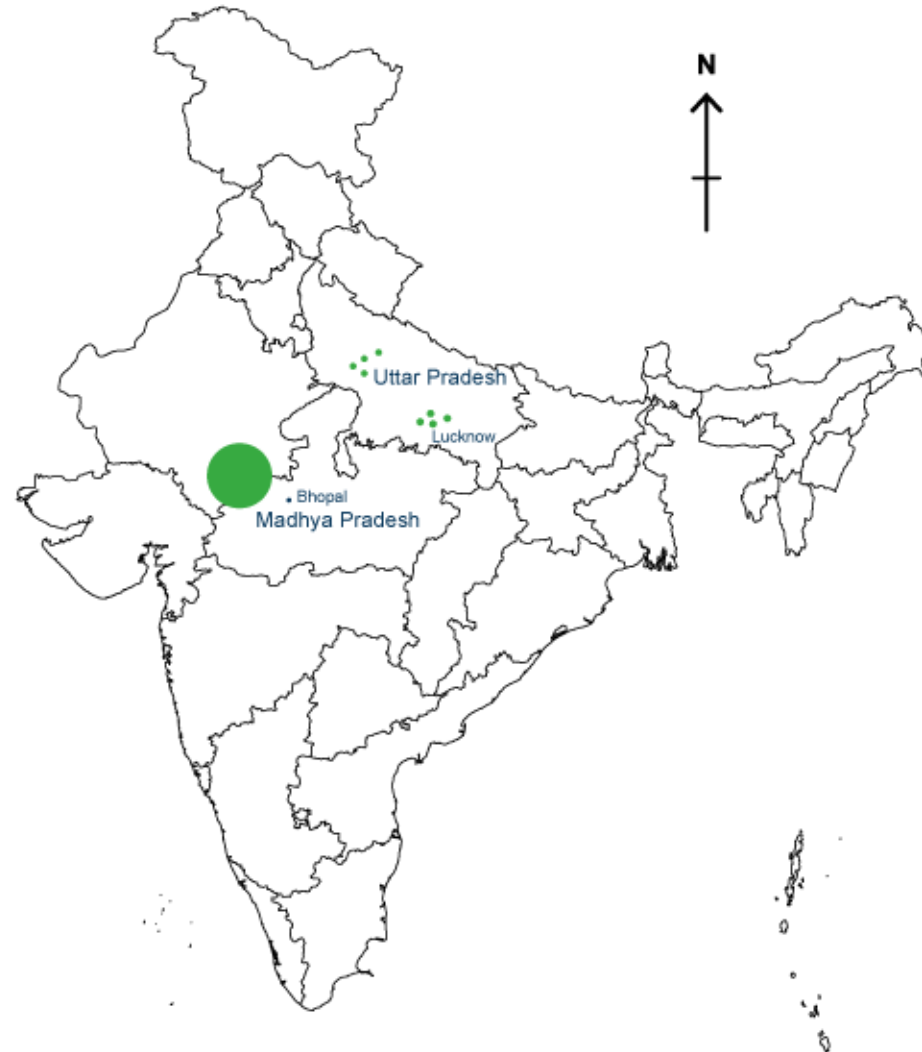
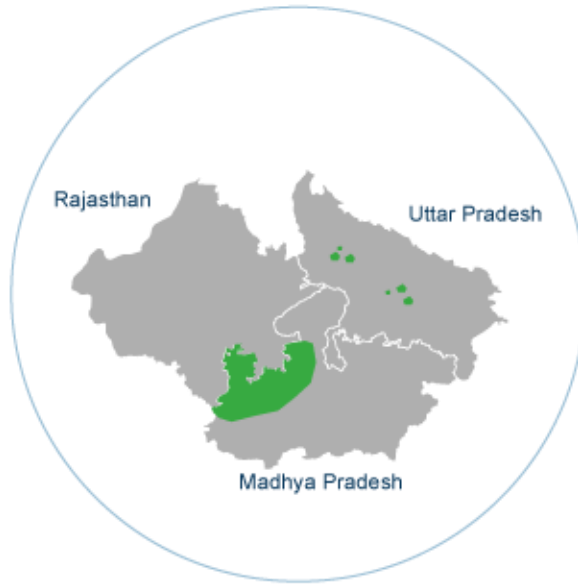
# **Mexican Drug WAR**


- 1. Mexican war on drugs is an ongoing asymmetric low intensity conflict between government and various drug trafficking syndicates.**
- 2. wholesale earning from illicit drugs around \$49.4 billion annually**

## **UDTA PUNJAB**

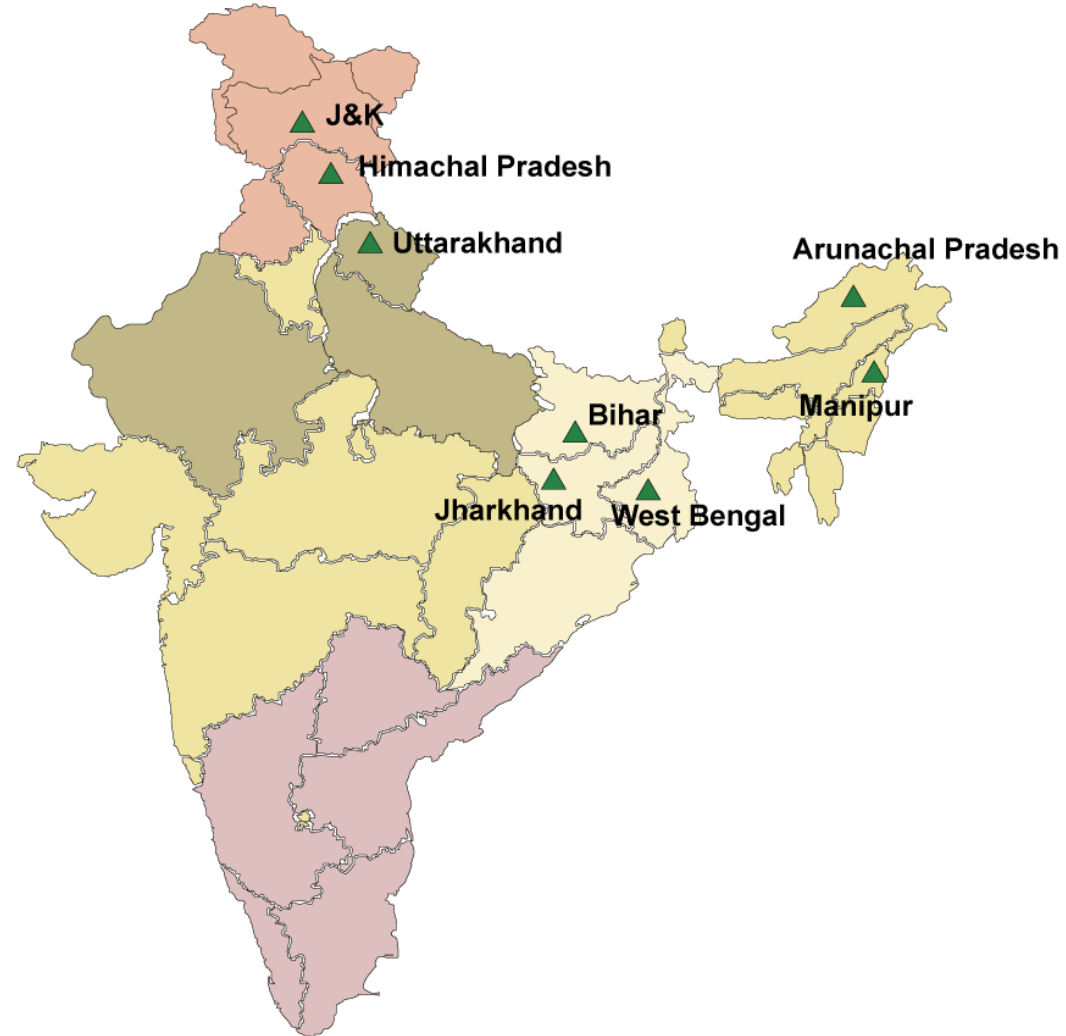
# **DRUG TRAFFICKING: INDIA**

# Licit poppy cultivation in India



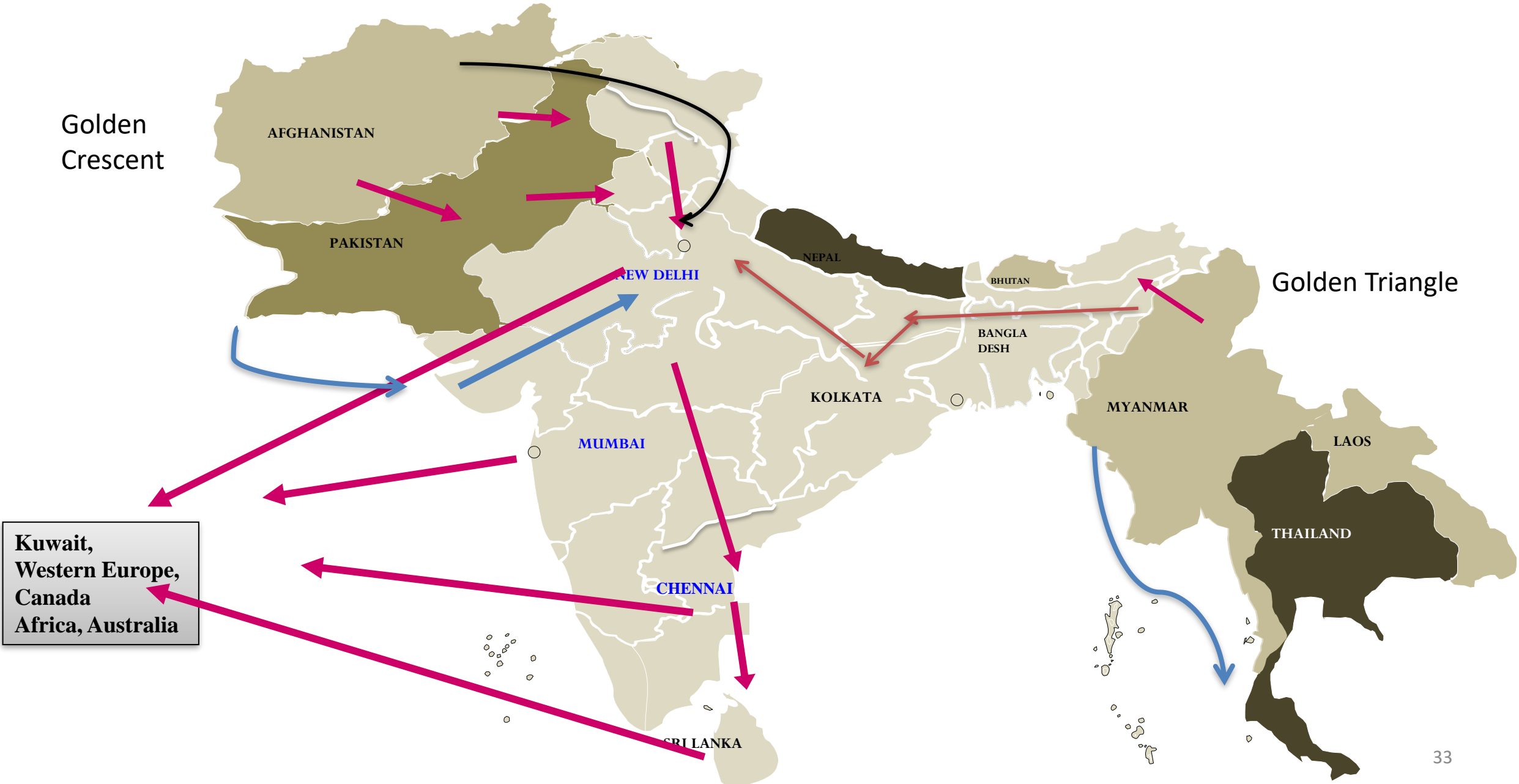
 **Poppy Cultivation**

# Illicit Cultivation- Poppy

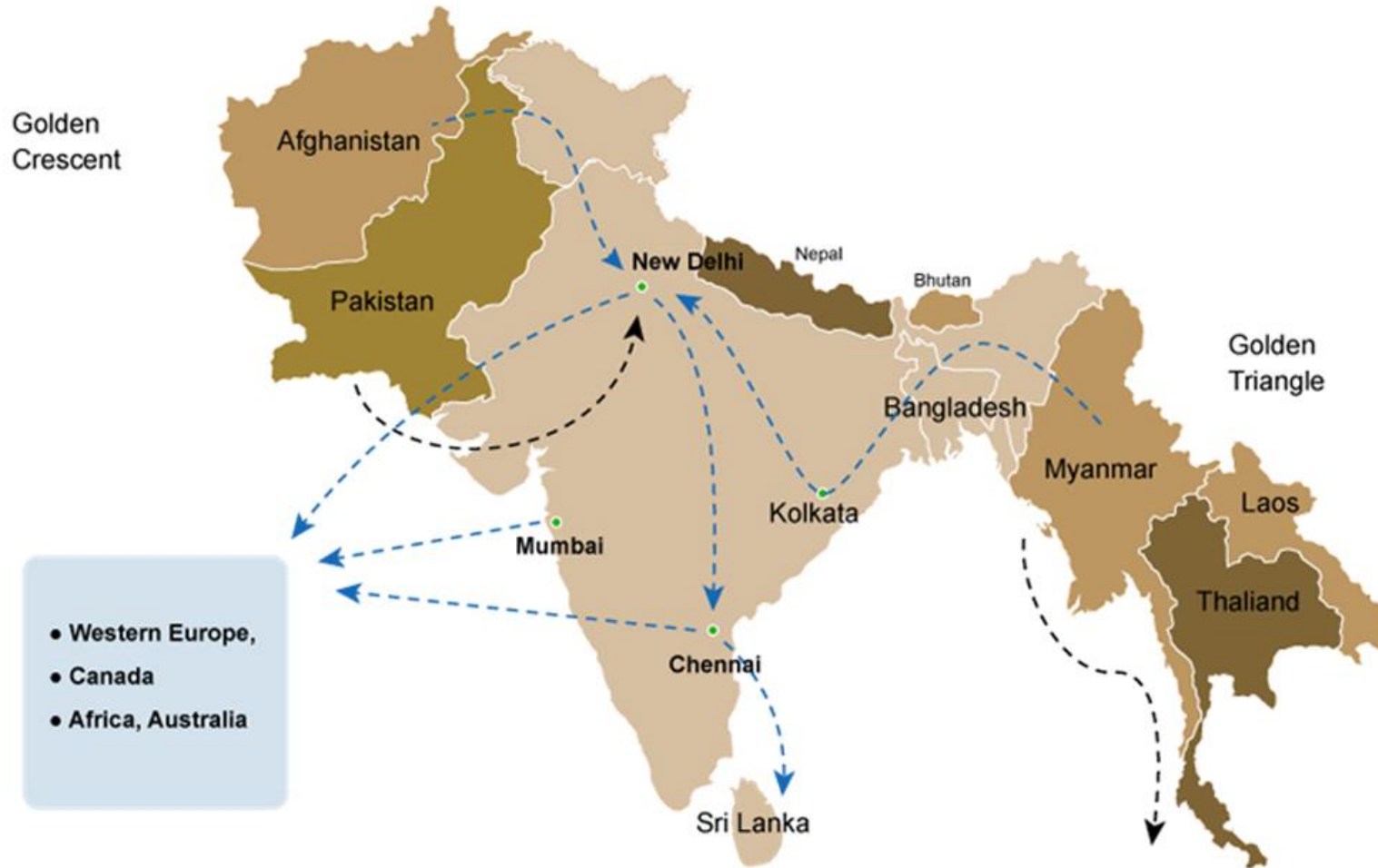




# Geographic Location – drug routes



# Geographic Location ( Heroin & Meth Drug Routes)

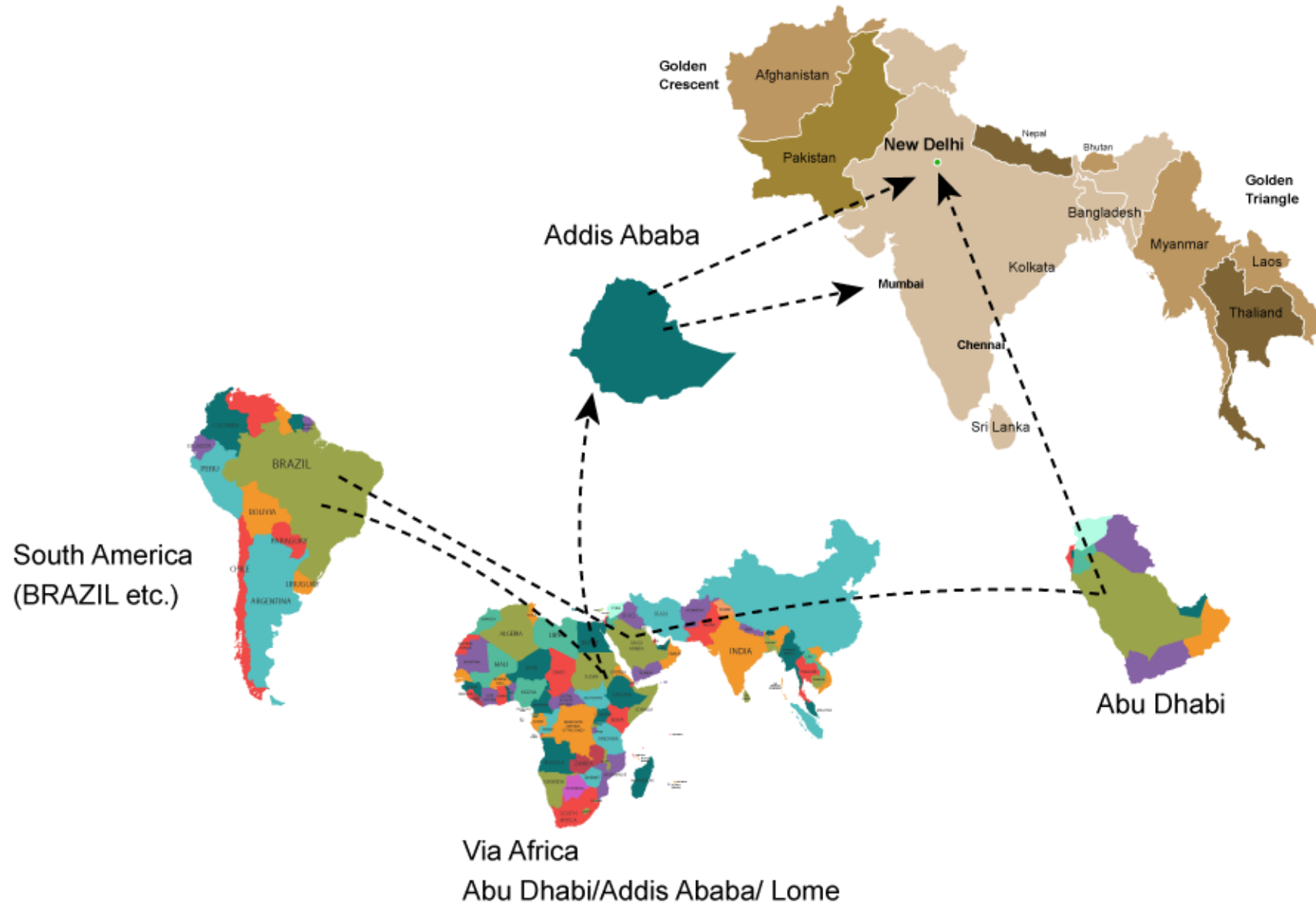


# Estimate\* of heroin consumed in India, based on Drug Survey 2019

- ✦ Estimated 20 lacs dependent users of heroin
- ✦ @average consumption of 0.5 gm/ day, daily consumption  $\approx$  1,000 kg/ day or 1 MT/day
- ✦ 360 MT/ per year of retail quality heroin
- ✦ 36 MT/ year of wholesale (relatively pure) quality heroin
- ✦ (approx. international value Rs. 1,44,000 crore)
- ✦ Seizures in 2019: 2.4 MT ( $\approx$  7 %)

*\*Estimates by researching team carrying out the drug survey – doctors of the NDDTC, AIIMS New Delhi*

# Cocaine - Trafficking Trends / Pattern



## Trends of Ganja Trafficking

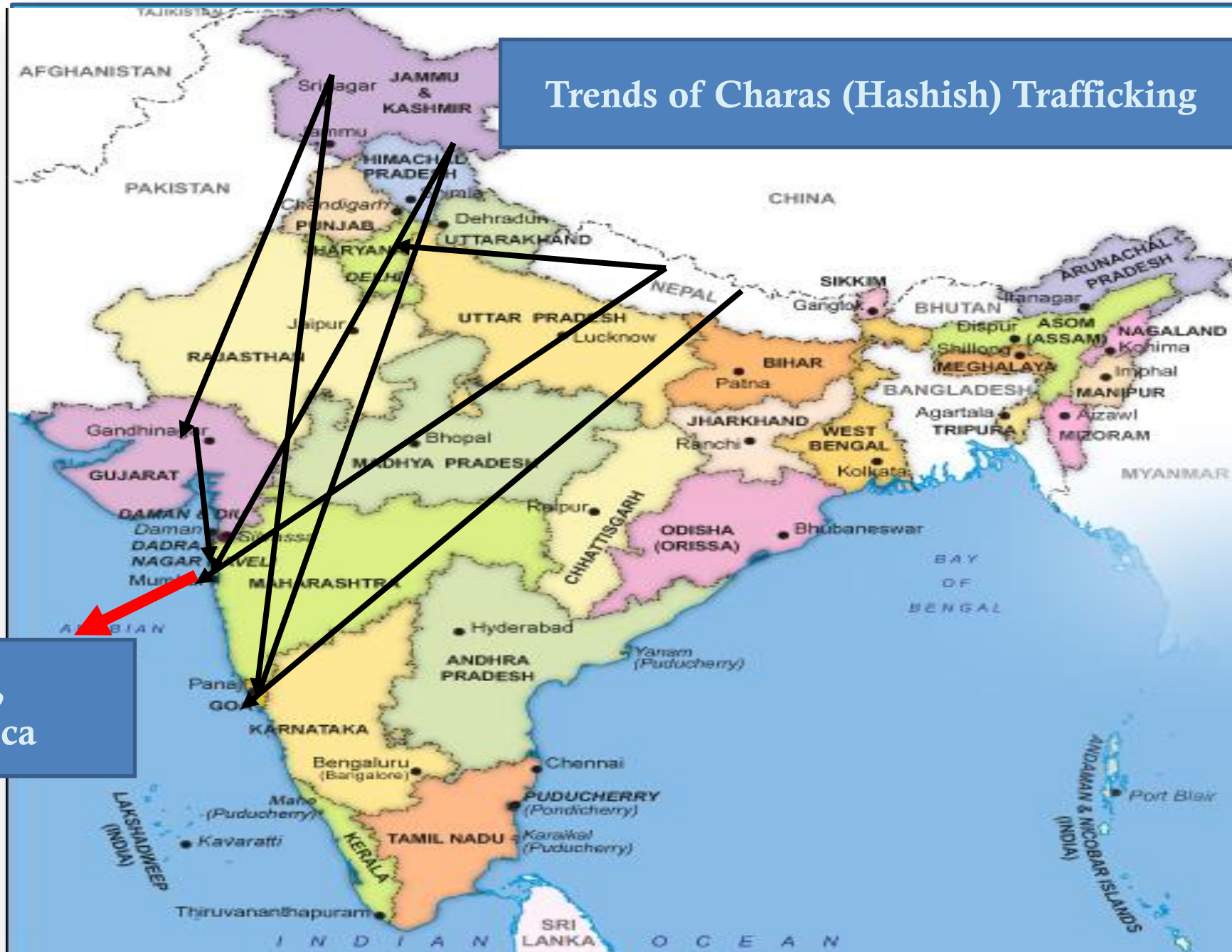


Europe,  
N. America



## Trends of Charas (Hashish) Trafficking

Europe,  
N. America



## 11.180 Kg of Charas Destination- Hongkong





# 3.950 kg of PseudoEphedrine





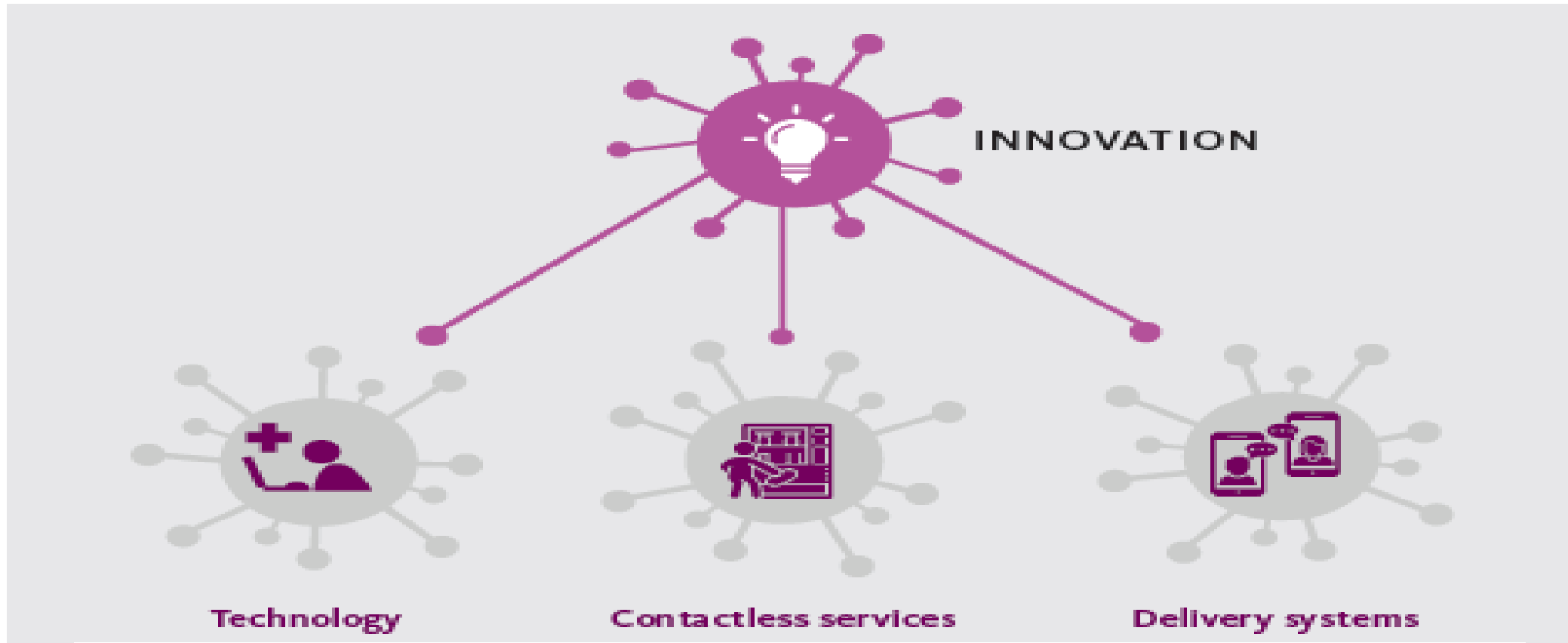
# Concealed in the handles and Cavities of Utensils Destination- Australia



# **COVID-19**

## **SPECIAL SITUATION**

# Covid-19 has triggered innovation



# Recent Trafficking patterns

COVID HAS ACCELERATED SOME  
DRUG TRAFFICKING PATTERNS

➤ Larger shipment size

➤ Increased use of private aircraft

➤ Increased use of waterway routes

➤ Contactless methods to deliver  
drugs to end-consumers



# Latest Trends in India: Covid-19

- Increase in courier cases
- Increase in narcotic medicines cases
- Influx & Overstay of Foreign Nationals
- Cross Border tunnels
- Use of Internet Pharmacy
- Use of Dark net / Crypto currency

# Covid-19 fallout is likely to be felt in drug markets for years to come

## POST-COVID ECONOMIC CRISIS WILL HAVE GREATEST IMPACT ON DRUG MARKETS

### Expanding drug cultivation and trafficking

food insecurity may intensify  
illicit drug cultivation  
and production



### More drug use

a protracted economic crisis  
may accelerate progression  
to drug use disorders



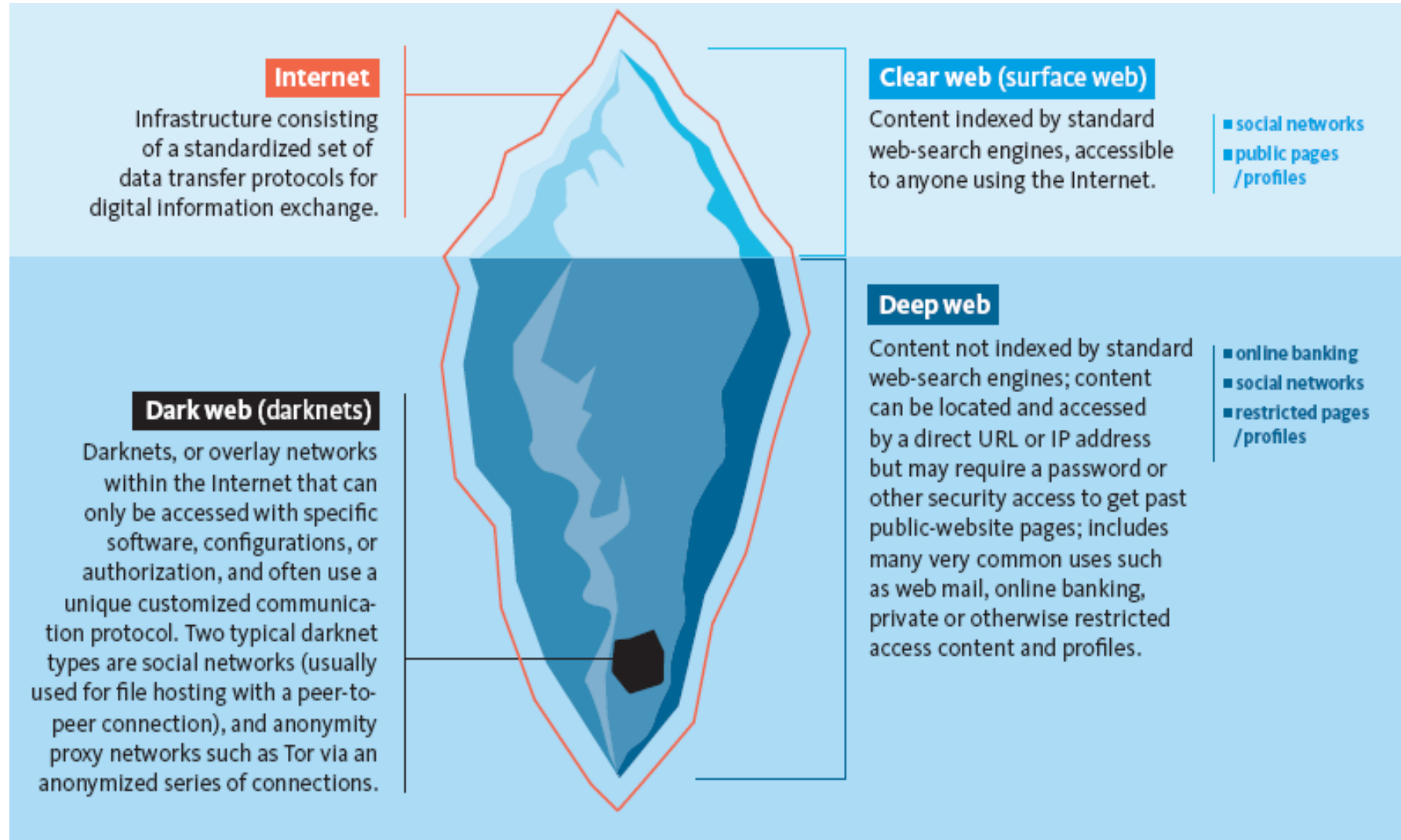
# Response to Covid-19 situation

- ✦ Foster international cooperation for fighting the enduring problem of drug trafficking.
- ✦ Exchange and transfer law enforcement intelligence and effective interdiction approaches and best practices.
- ✦ Develop international accountability mechanisms and practices for shipping and railway companies, postal services, and air cargo.
- ✦ Implement real-time data monitoring systems for promptly detecting and addressing drug market changes.

# **EMERGENCE OF DARKNET**



# Drug Trafficking over the internet



# Types of Internet

## ✧ **Surface net :-**

- ✧ Readily accessible internet data
- ✧ 4% of information on internet
- ✧ Accessible through Google/yahoo/other search Engines
- ✧ Example- Amazon, INCB Website, etc

## ✧ **Deep web:-**

- ✧ Not accessible through Google
- ✧ Password protected websites/functionaries, Cyber Lockers
- ✧ Example :- Protected data of Government Departments etc.
- ✧ Consist of 96% of internet content

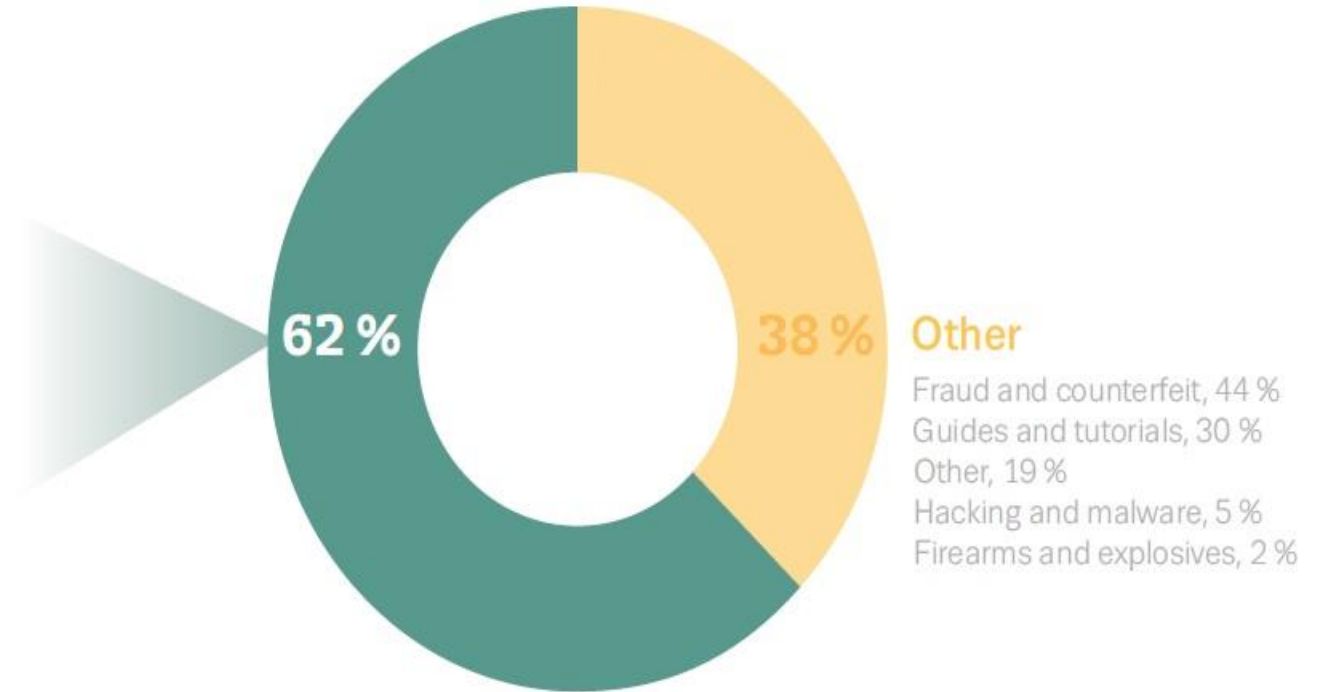
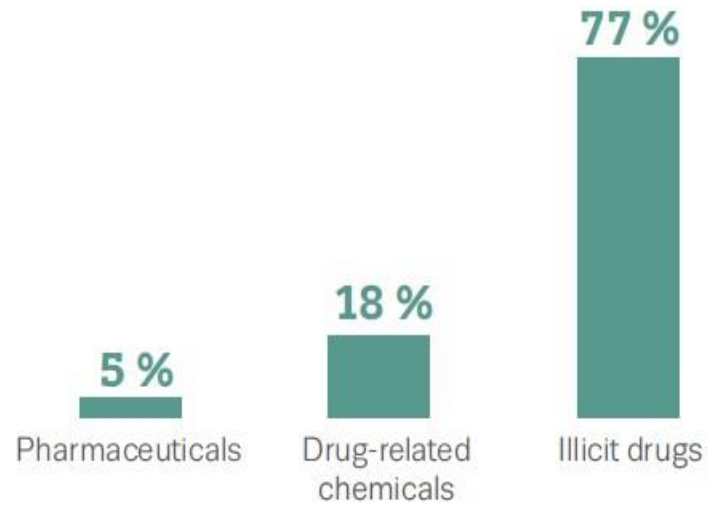
## ✧ **Darknet :-**

- ✧ Miniscule part of Deep Web
- ✧ Consists of primarily illegal content
- ✧ Accessible through special search engines like TOR
- ✧ Has infamous Darknet markets like Empire market, Majestic Garden

# Darknet

## Darknet markets content

### Drugs and drug-related chemicals



Source: Web-IQ (2017).

# Darknet trade in drugs

## What we know

Vendor and customer interactions



## What we don't know

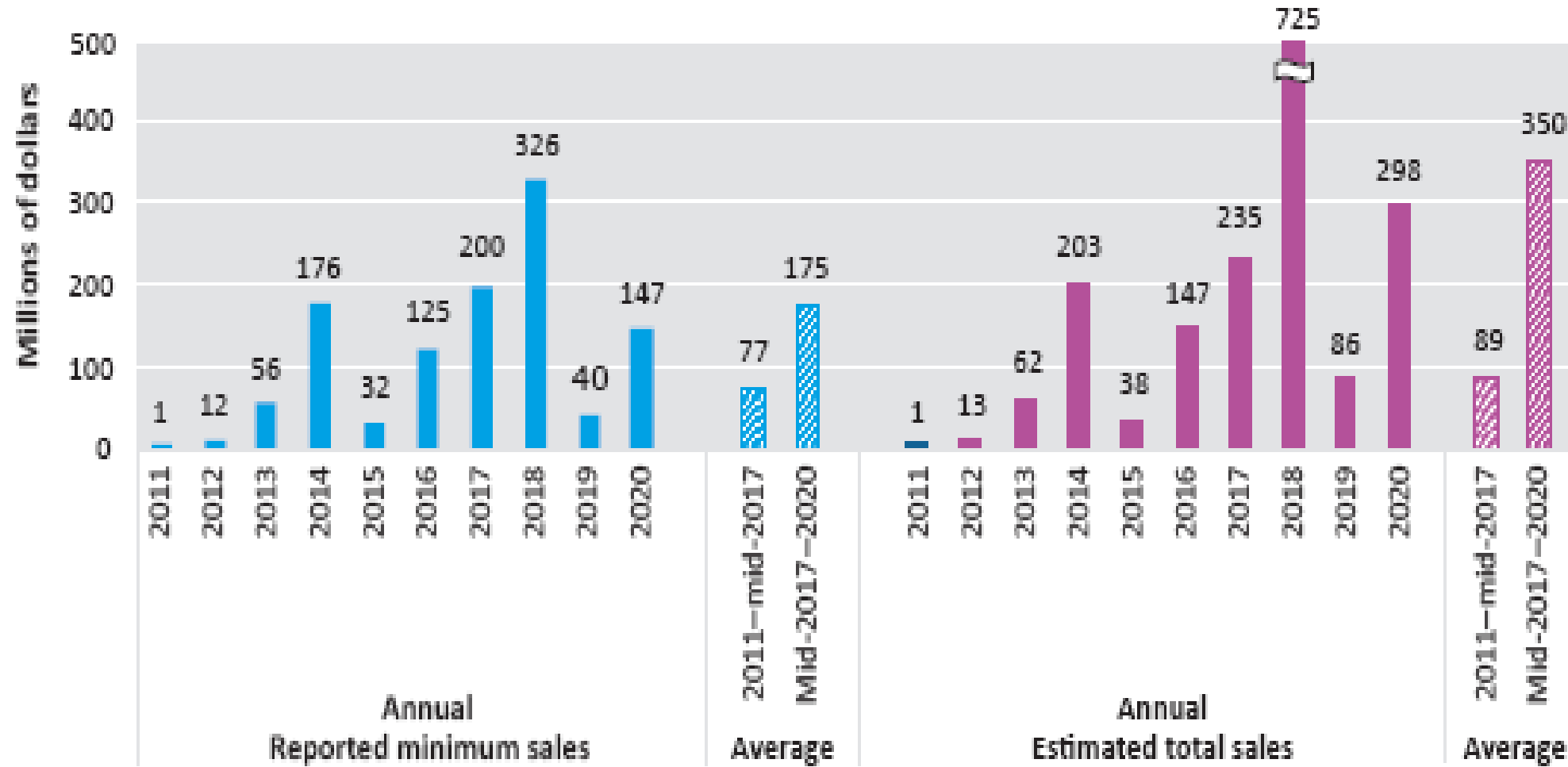
Underlying infrastructure and facilitators



# Issues for Drug Law Enforcement Agencies

- ✧ Carrier grade network address translation
  - ✧ Single IP shared by thousands of users
  - ✧ 95 % of TSPs
  - ✧ Need of source Port number & Destination IP analysis
- ✧ Encryption
  - ✧ Application level
  - ✧ Communication level
  - ✧ Individual level
- ✧ Virtual currencies
  - ✧ Grey area of information
  - ✧ Tumbling and mixing issue
- ✧ Loss of location – proxy & multiple nodes
- ✧ Legal framework
- ✧ Skill gap

# Darknet sales on major marketplaces where drugs are sold: reported minimum sales and estimated total sales, 2011–2020



# **EMERGENCE OF NPS & SYNTHETIC OPIOIDS**



# NPS – Emerging Threat & Means to Counter Balance

- ✦ Section 3 of NDPS Act : - Power to add to or omit from the list of psychotropic substances- Power vested with Central Government
- ✦ Central Government, as per section 3 of NDPS Act is DoR, Min. of Finance
- ✦ Procedure
  - ✦ (a) based on information/evidence of misuse/abuse of any substance (natural or synthetic)
  - ✦ (b) based on the international conventions
- ✦ Examples of NPS
  - ✦ Ketamine- included in 2011
  - ✦ Mephedrone – included in 2015
  - ✦ Tramadol – included in 2018

# NPS Identified 2019



# Synthetic drugs

- ✧ Manufactured in laboratories / small factories using chemical precursors and equipment
- ✧ Fentanyl – a synthetic narcotic drugs 50 times more potent than heroin  
2mg is fatal
- ✧ Precursors –
  - ✧ NPP (N-Phenethyl-4-piperidone)
  - ✧ ANPP (4-Anilino-N-phenethylpiperdine)
  - ✧ 1.5 kg NPP will yield 1.3 kg ANPP and 1 kg Fentanyl

# Is Tapentadol the new Tramadol ??

- ✦ In 2020, a new trend is noticed by NCB as:
- ✦ More than 20 incidents of Tapentadol are reported by INCB.
- ✦ In all these incidents the destination country is UK.
- ✦ Quantity of tablets seized in each case, ranges from 100 – 600 capsules / tablets.
- ✦ Tapentadol is a synthetic Opioid but not controlled / regulated in India.
- ✦ No incidence of abuse of Tapentadol is reported in India.

- ✧ Prescription drugs when they are manufactured from narcotic drugs such as opium are also covered under the NDPS act through a list known as manufactured drugs. Eg : Codiene
- ✧ Initially Ld. Courts were of the opinion that violations of medicinal drugs cannot be prosecuted under NDPS at but now the Supreme Court in many of its decision has said that NDPS act is a special law and such violators can be prosecuted under it.

**THANK YOU**