



NEW PSYCHOACTIVE SUBSTANCES:

Finding and Legal Challenges in Indonesia

POLICE BRIGADIER GENERAL Dr. SUPIYANTO, M.Si.

Chief of The Center of Narcotics Laboratory
National Narcotics Board of The Republic of Indonesia



NEW PSYCHOACTIVE SUBSTANCES (NPS)

is a substance of abuse, either in a pure form or a preparation, that is not controlled by the 1961 Single Convention on Narcotic Drugs or the 1971 Convention on Psychotropic Substances, but which may pose a “public health threat”.

In this context, the term “new” does not necessarily refer to novel inventions but to substances that have recently become available. NPS that have been placed under international control since 2015 continue to be included under the term NPS to enable time series analysis.

Source : UNODC

WHY IS NPS DANGEROUS?

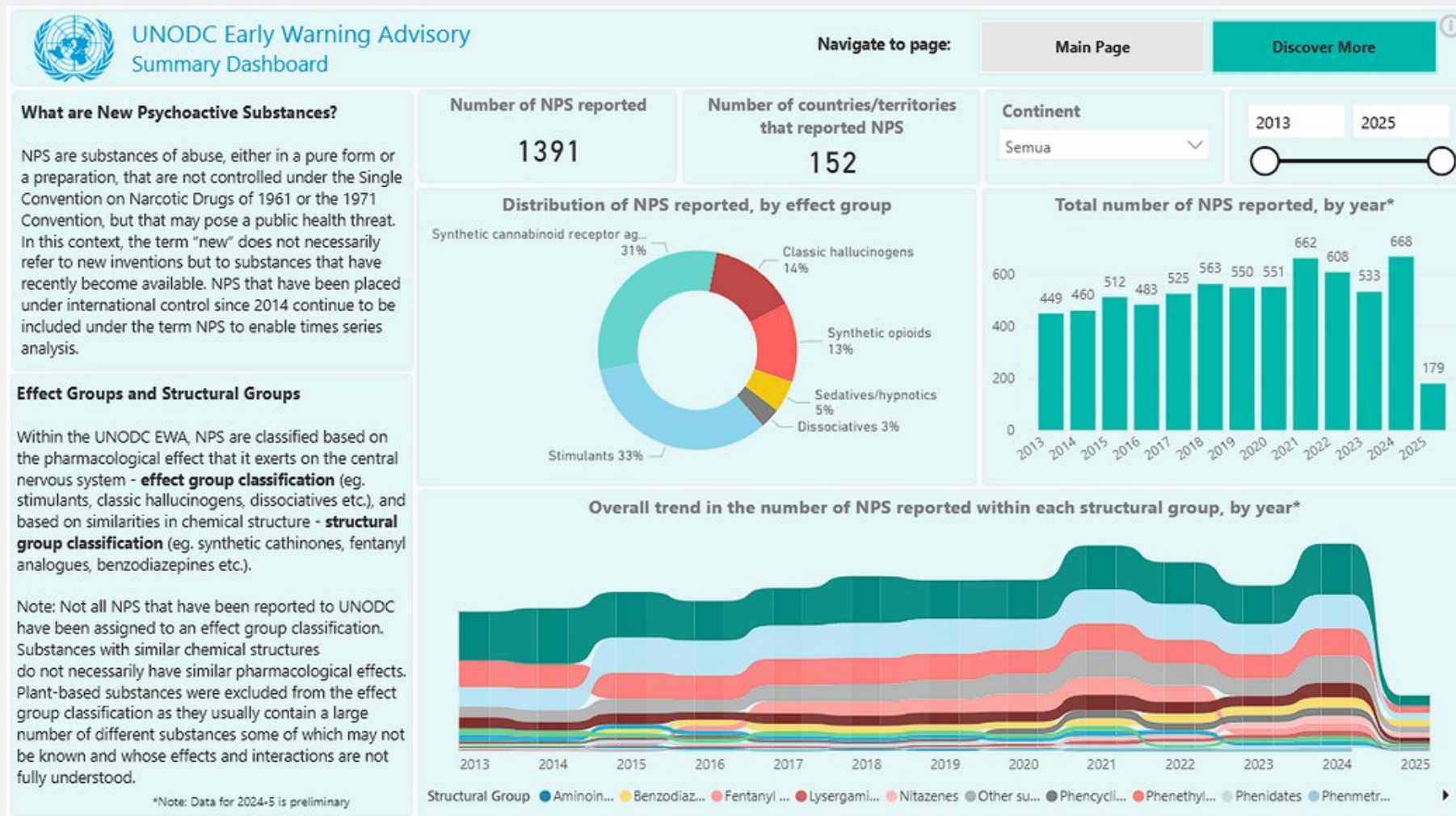
There is not much supporting data/research regarding the safety and toxicity of NPS.

The level/purity and composition of a product containing NPS is generally unknown.

NPS abuse victims taken to hospital due to serious intoxication.

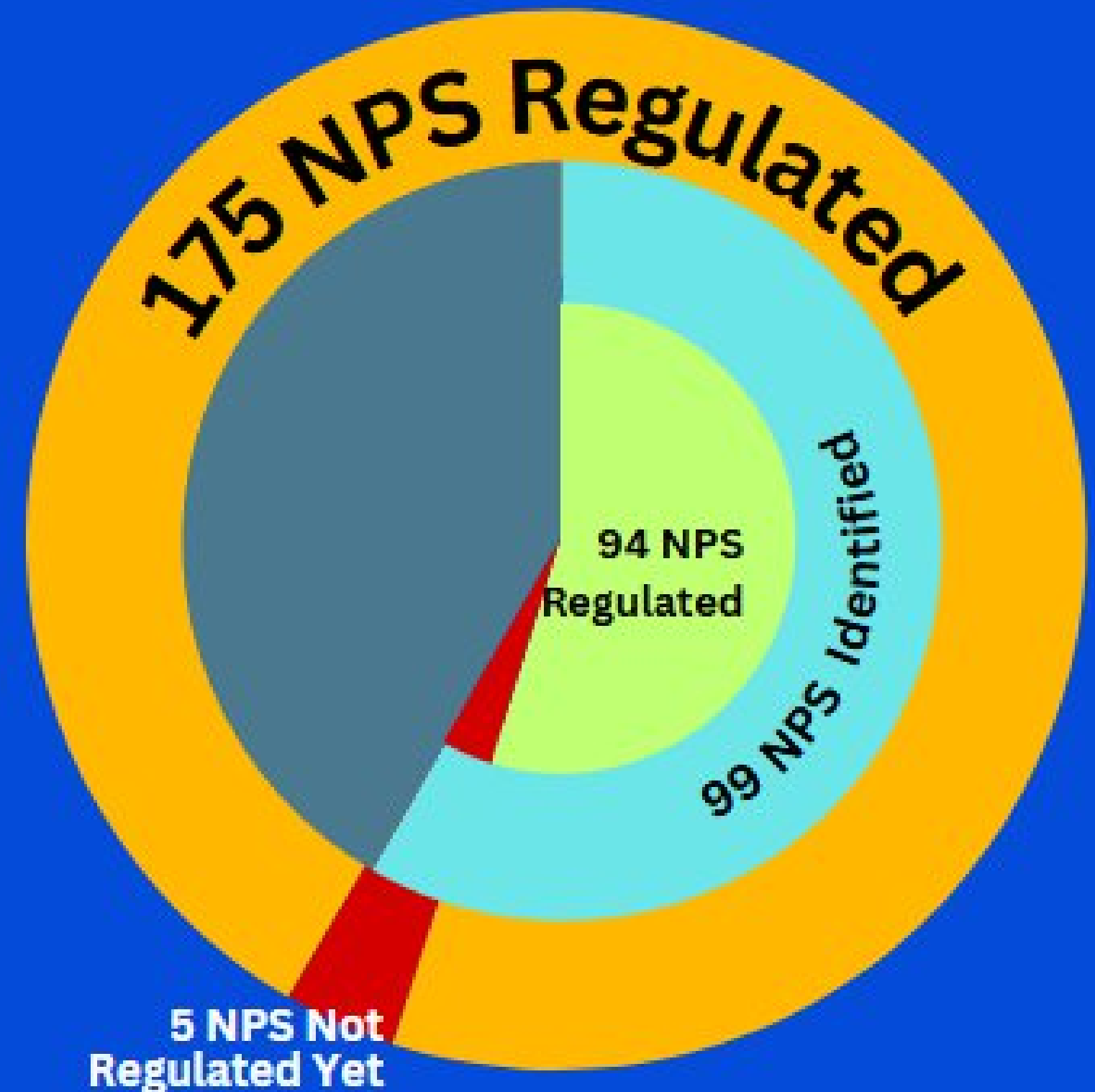


NPS Data Visualization



As of September 03, 2025 the number of NPS in the world reported to the UNODC Early Warning Advisory (EWA) from 152 countries is:

1391



NPS Regulation in Indonesia

NPS in Indonesia have been regulated by Minister of Health Regulation of the Republic of Indonesia regarding Stipulation and Change of Psychotropics, Narcotics and Precursors Chemical Classification.

The newest issuance of NPS regulation in 2025 :

No	Regulation	Concerning	NPS Updated
1	Regulation of the Minister of Health of the Republic of Indonesia Number 6 Year 2025	Stipulation and Change of Psychotropics Classification	• Bromazolam • Flubromazepam • Deschloroetizolam • Flunitrazolam • Deschloro-N-Ethylketamine/O-PCE
2	Regulation of the Minister of Health of the Republic of Indonesia Number 7 Year 2025	Change of Narcotics Classification	• Alfa-propylaminophentiophenone • 3,4-methylenedioxy-PV8

5 NPS have not been regulated :

- Ketamine
- *Mitragyna speciosa* (Kratom)
- Etomidate
- MDMB-5-methyl-INACA
- AB-INACA



PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA
NOMOR 7 TAHUN 2025
TENTANG
PENGKELASAN NARKOTIKA



MENTERI KESEHATAN
REPUBLIK INDONESIA

RAJYAN

PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA
NOMOR 6 TAHUN 2025
TENTANG
PENGKELASAN DAN PERUBAHAN PENGKELASAN PSIKOTROPIC
DENGAN RAHMAT TUHAN YANG MAHA ES
MENTERI KESEHATAN REPUBLIK INDONESIA

NPS SCHEDULING IN INDONESIA

1 NPS's submitted or requested or INCB recommendation to scheduling to Ministry of Health

2 Pre-review from international scientific journal about the substances requested

3 Scientific review from national committee

4 Recommendation to Ministry of Health

5 Regulated or re-review or rejected

CHALLENGES OF NPS SCHEDULING IN INDONESIA

01

The rapid evolution of new psychoactive substances (NPS), which frequently appear before existing regulations

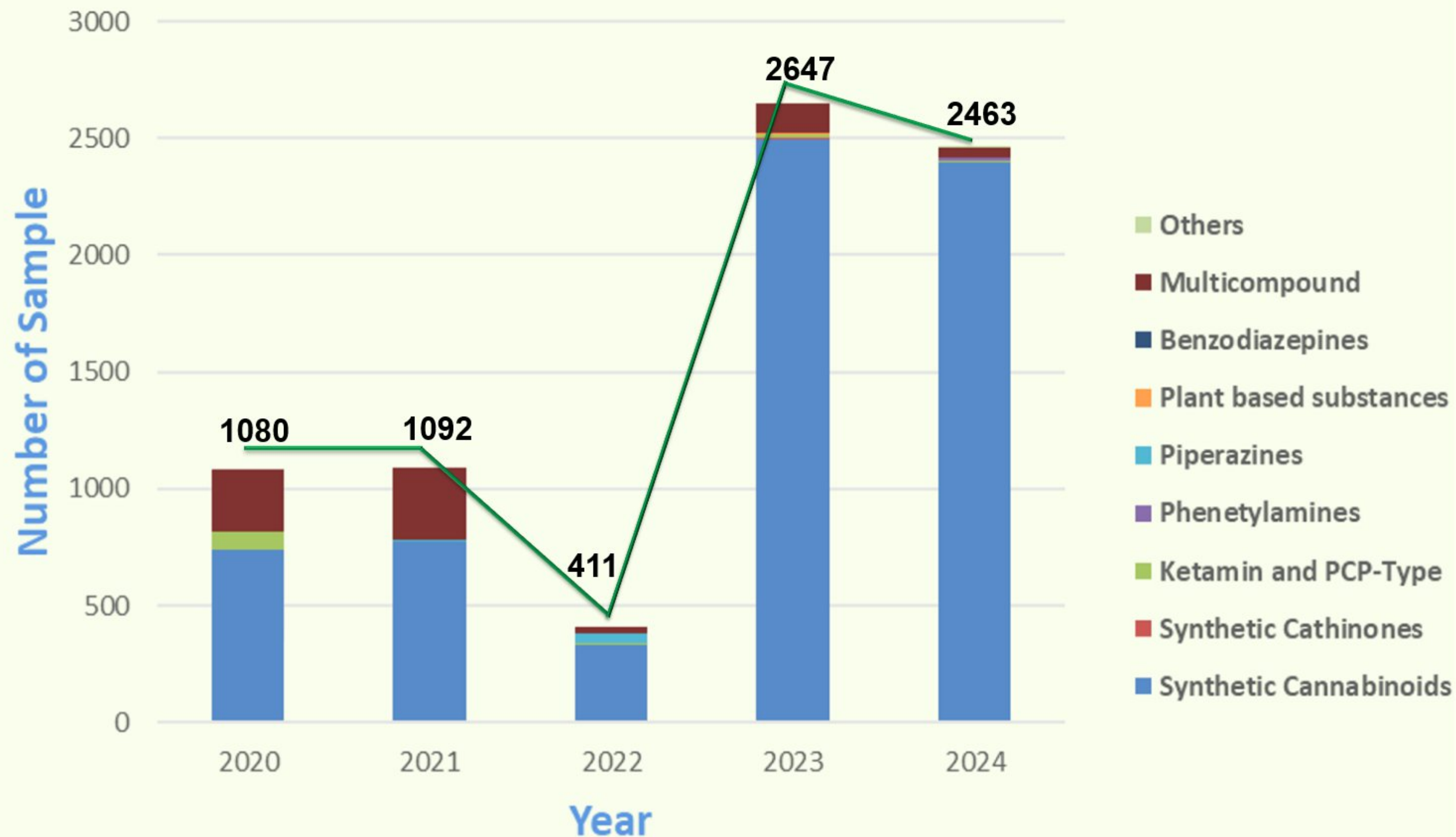
02

The collaboration of all drug testing laboratories in Indonesia as data collectors

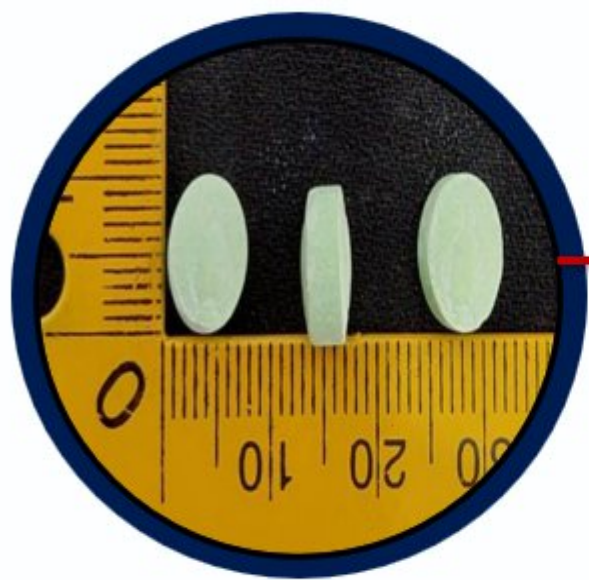
03

The coordination of academics, researchers, and the governments that make decisions regarding regulations

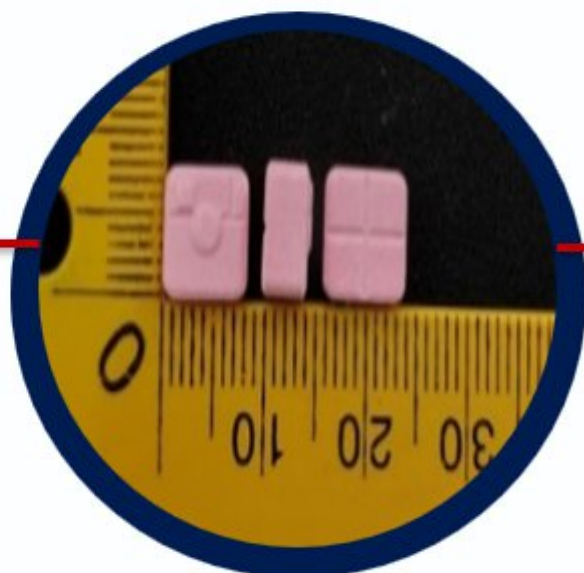
Total Number of NPS Identified in 2020-2024



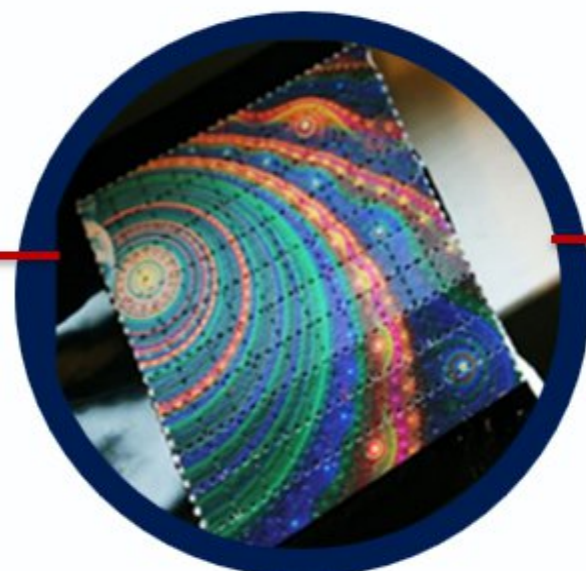
NPS Classification in Indonesia



Phencyclidine-type substances



Benzodiazepines



Phenethylamines



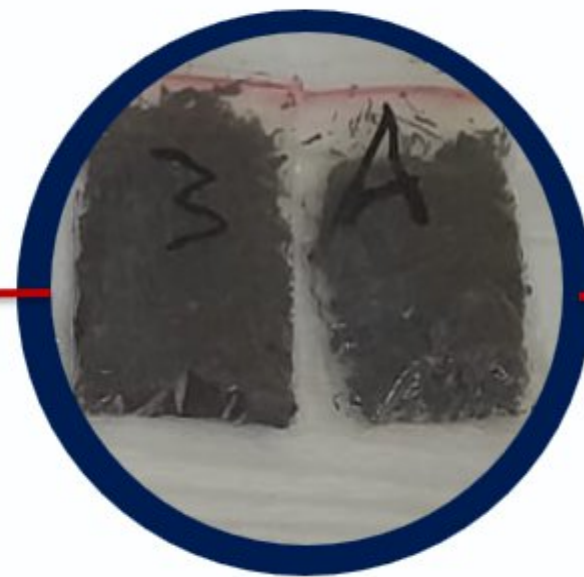
Piperazines



Tryptamines



Plant Based Substances



Synthetic Cannabinoids



Synthetic Cathinones



Other Substances

NPS Cases In Indonesia

Sources :

CENTER OF NARCOTICS LABORATORY

NATIONAL NARCOTICS BOARD OF THE REPUBLIC OF



1. Phencyclidine-type substances

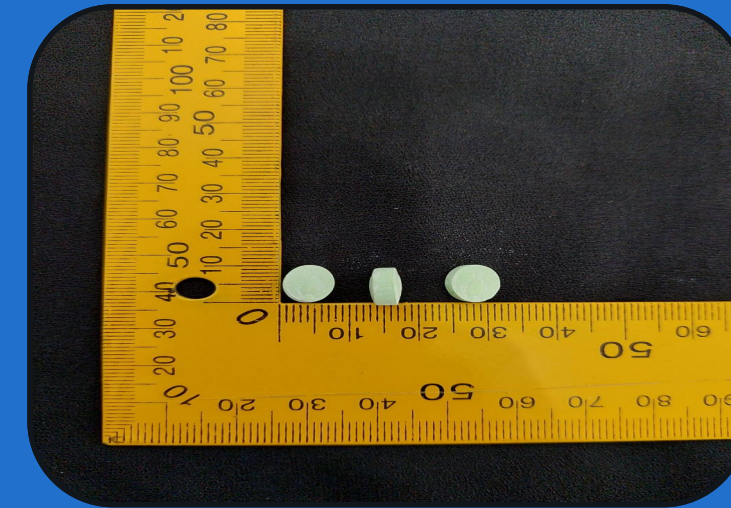
Methoxetamine (MXE), 2013



2F-Deschloroketamine, 2019



Fluorexetamine, 2023



Ketamine



Green Tablet found to contain
MDMA, N-ethylpentylone,
Ketamine and Caffeine



1.2 tons of
Crystal Ketamine

2.

Benzodiazepine

s



Etizolam, 2024

Pink tablet (N,N-Dimethylpentylone; Etizolam; Theophylline; Caffeine)

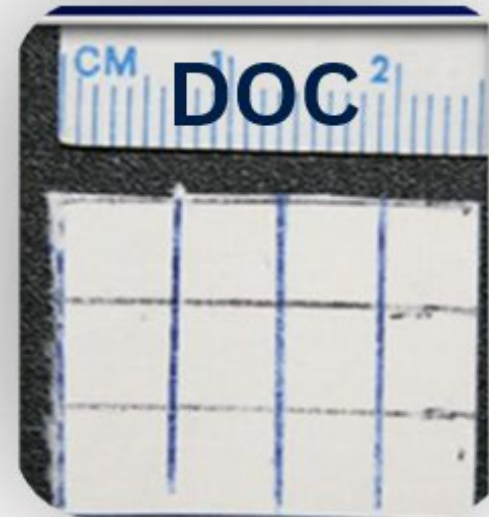


Bromazolam, 2024

3. Phenethylamines



2012



2013



2014

2013

2013



25B-NBOMe



25C-NBOMe

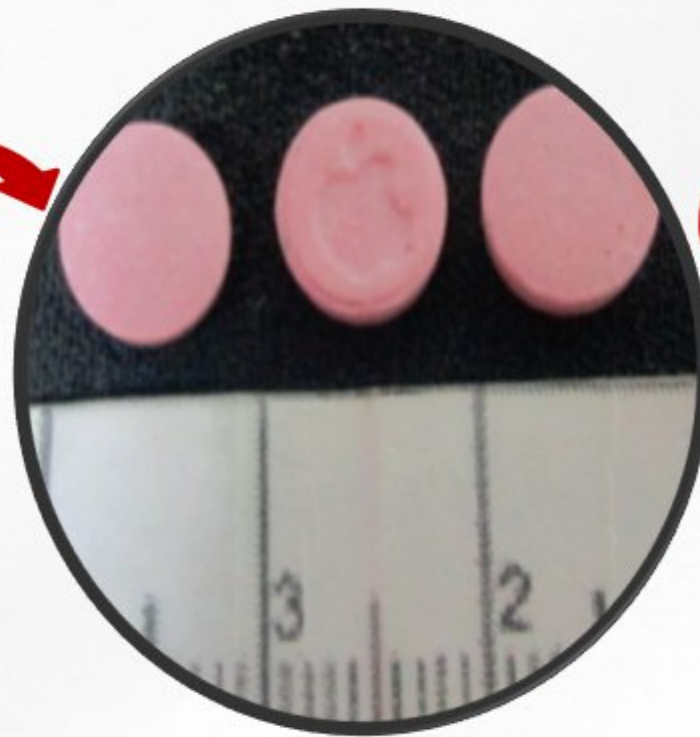


25I-NBOMe

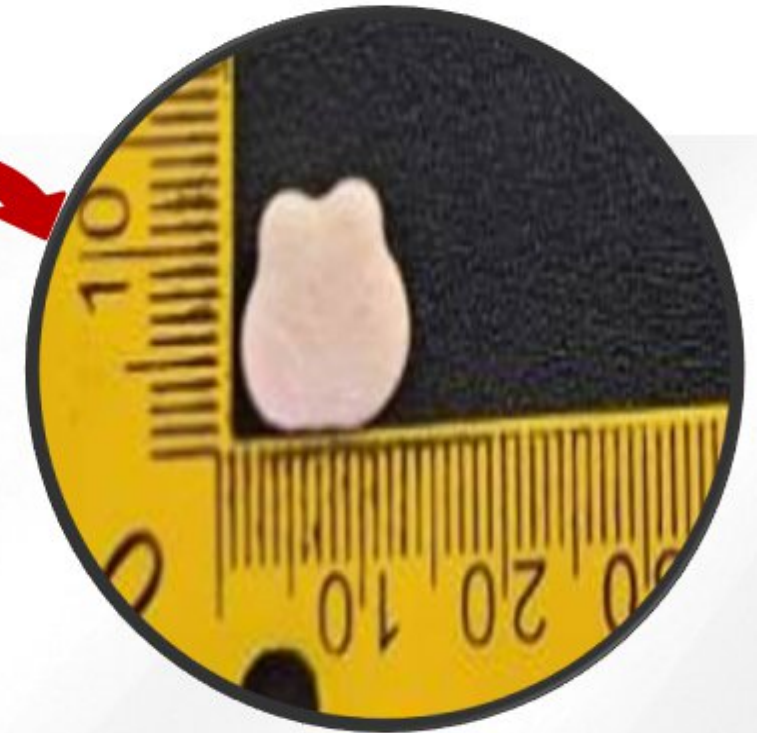
4. Piperazines



**Trifluoromethylphenylpiperazine
(TFMPP)**
2013



Benzylpiperazine (BZP)
2014

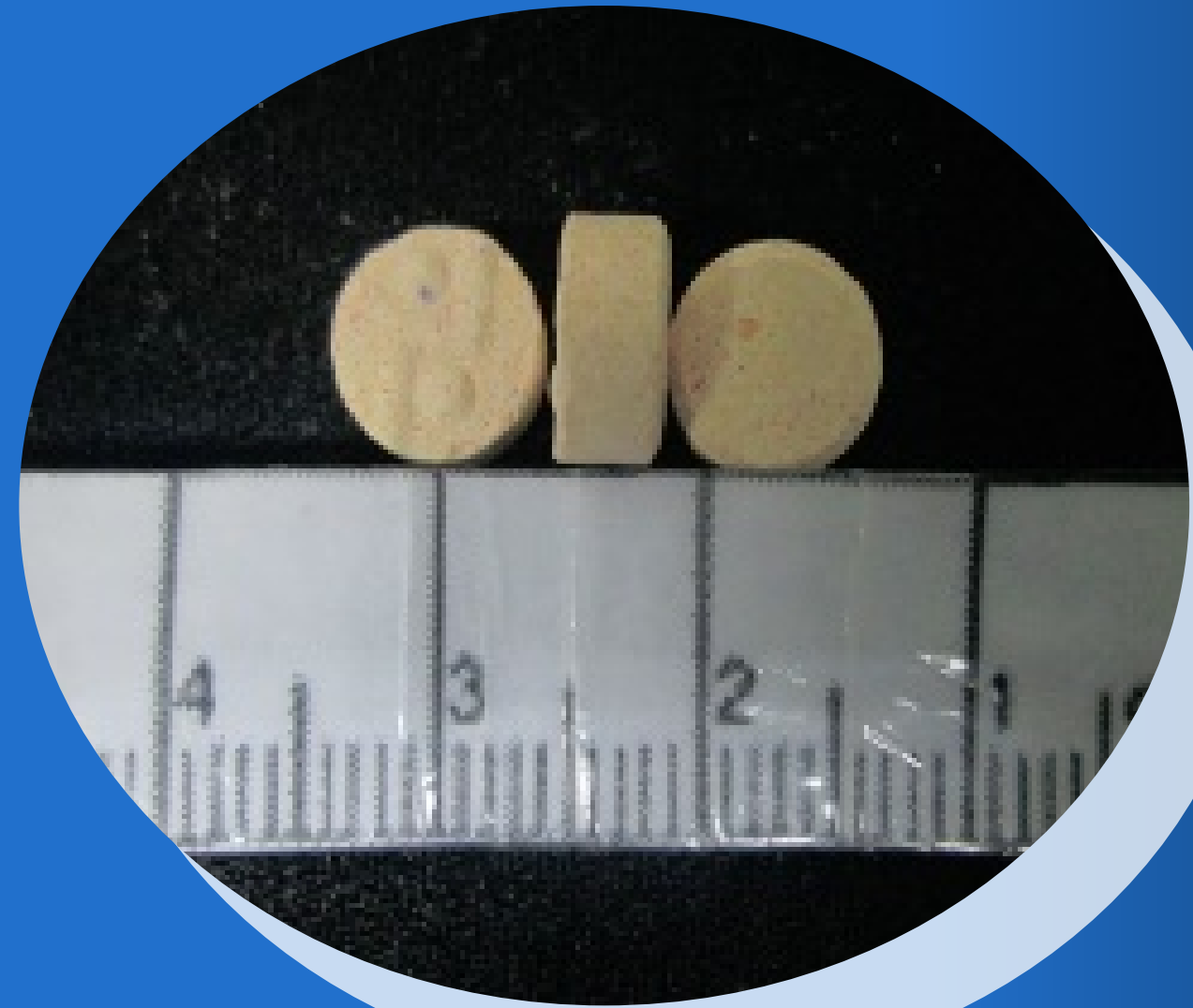


Methylbenzylpiperazine (MBZP)
2021

5. Tryptamines



**Alpha-methyltryptamine
2013**



5-MeO-MiPT, 2015

6. Plant Based Substances



Khat (*Catha edulis*)

- 🌱 NNB has dismantled 7 hectare of Khat Plantation in Cisarua, Bogor, West Java (5 February 2013)
- 🌱 Central Java Police has dismantled 2.1 hectare of Khat Plantation in Munggang Sari, Baturaden, Banyumas, Central Java (6 February 2013)

Kratom (*Mitragyna speciosa*)

Widely cultivated in Indonesia especially in West Kalimantan.

Major psychoactive compounds:
Mitragynine & 7-hydroxymitragynine



- 📌 Kratom was identified in 2013 by Center of Narcotics Lab. However kratom and its related compounds has not been regulated as narcotic/psychotropic in Indonesia

Ayahuasca (*Banistreriopsis caapi* and *Psychotria viridis*)



2017

Mimosa tenuiflora



2017

Barks of these plants contained N,N-Dimethyltryptamine (DMT)

7. Synthetic Cannabinoids



5F-AKB-48



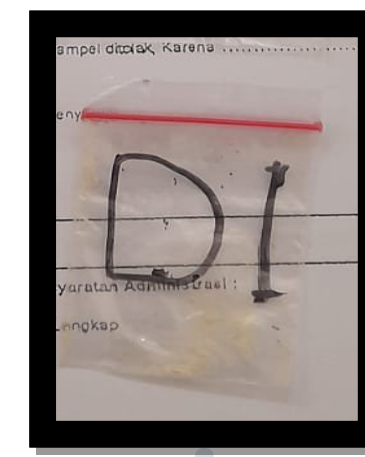
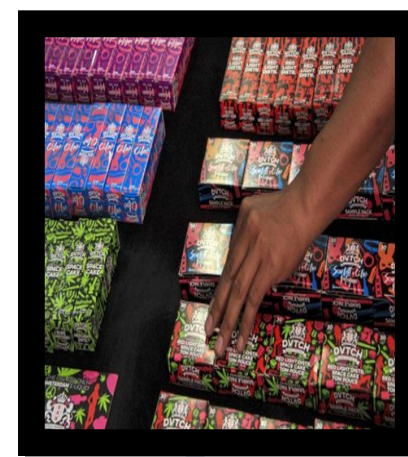
AB-CHMINACA



4.3 kgs of tobacco contain
FUB-AMB & 5F-ADB



Liquid vape &
tobacco contain SC



ADB-Fubiata



MDMB-Inaca

2014

2014

2014

2014

2017

2017

2017

2019

2022

2022

2023

2024

MAM-2201



AB-FUBINACA



31 bottles of liquid vape
contain 5F-ADB



MDMB-4en-Pinaca



BZO-Poxizid



MDMB-5-methyl-Inaca



8. Synthetic Cathinones



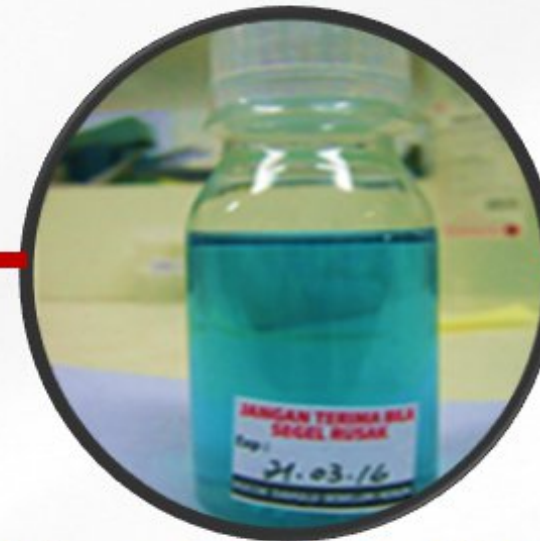
Methylon

2013



Mephedrone

2013



4-Chloromethcathinone

Blue Sapphire | 2016



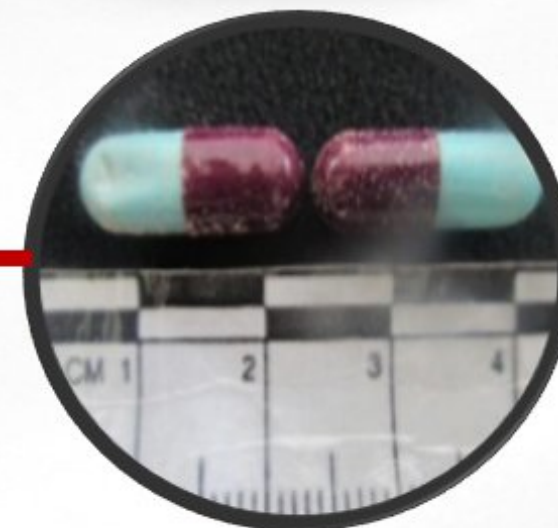
4-Chloromethcathinone

Snow White | 2017



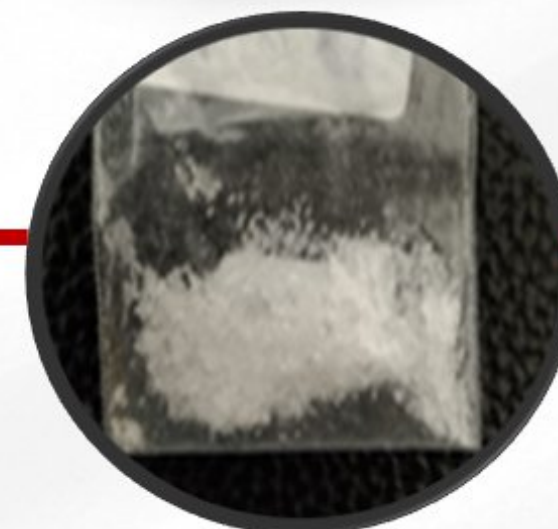
**N-Ethylpentylone,
FUB-AMB and Caffeine**

Blue Tablet | 2018



**N-Ethylpentylone, MDMA,
FUB-144, FUB-AMB, Caffeine**

Powder in Capsule | 2019



4F-Pentedrone

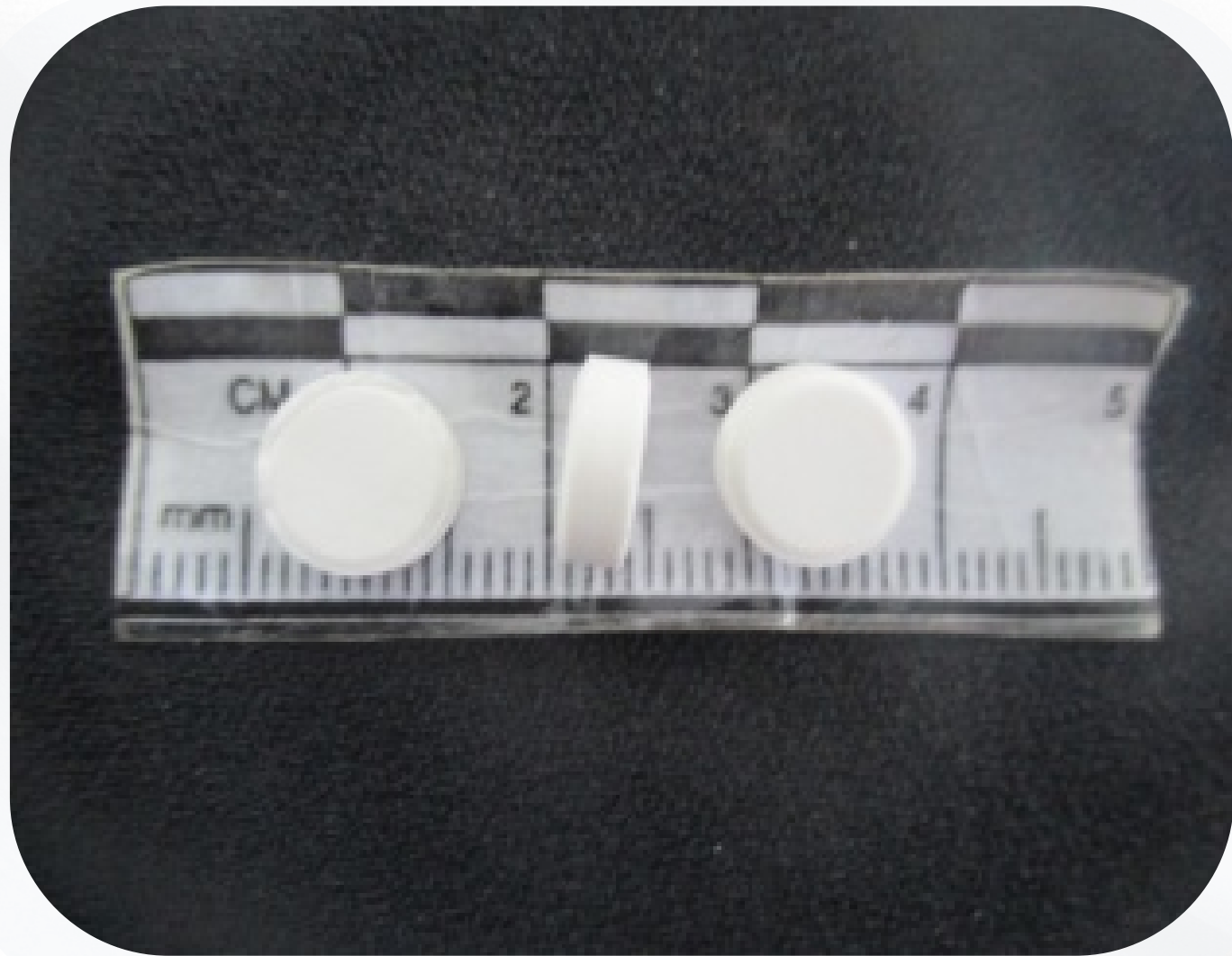
White Crystal | 2020



N,N-Dimethylpentylone

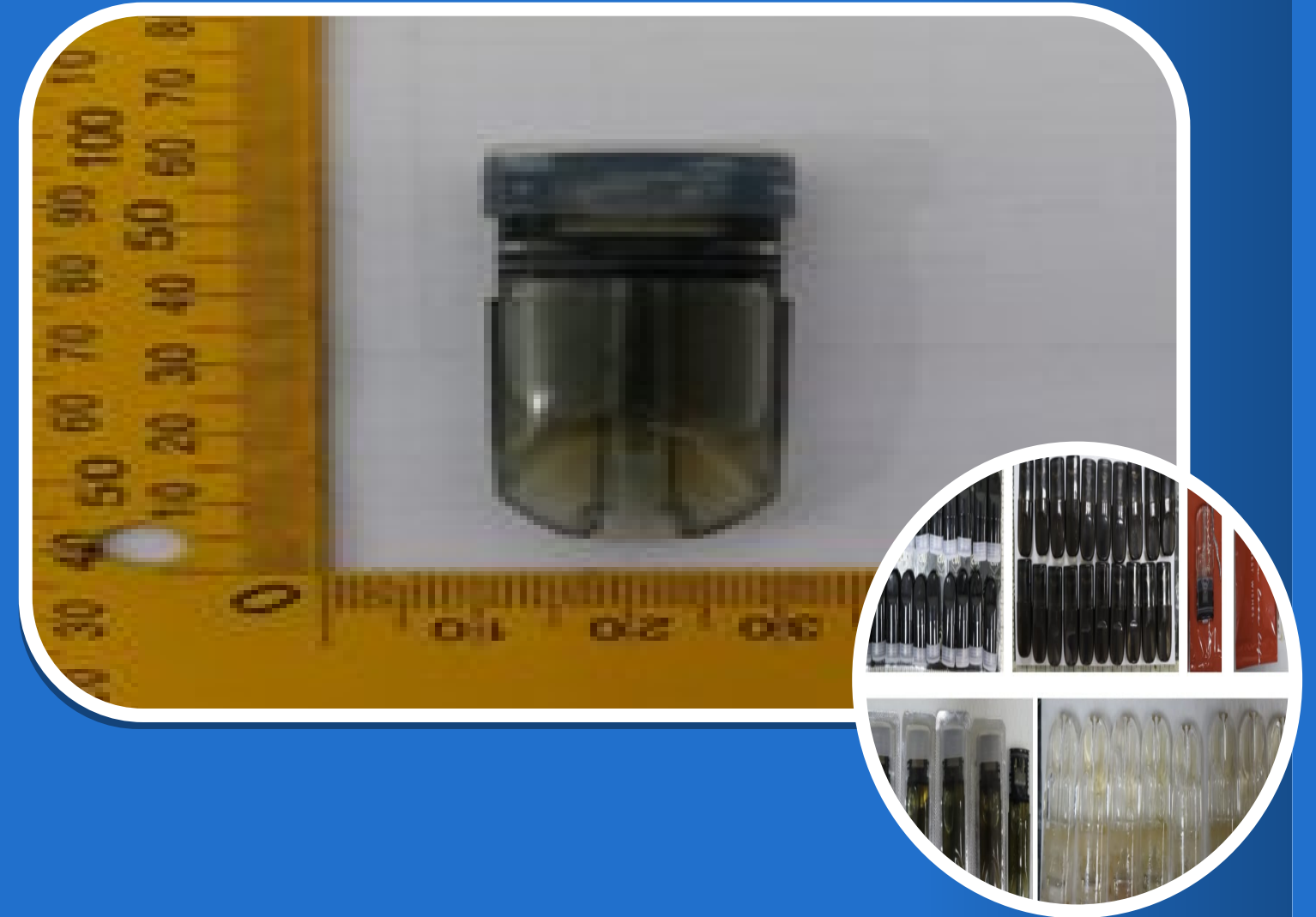
2022

9. Other Substances



Carisoprodol | 2020

White tablet contained carisoprodol, acetaminophen and caffeine



Etomidate | 2024

Vape cartridge contained yellow liquid

V A P E Cases in Center of Narcotics Laboratory



MDMB-4en-PINACA



Etomidate

Methamphetamine THC

**MDMB-Inaca,
MDMB-4en-Pinaca,
5F-ADB, MDMB-5
methyl-Inaca**

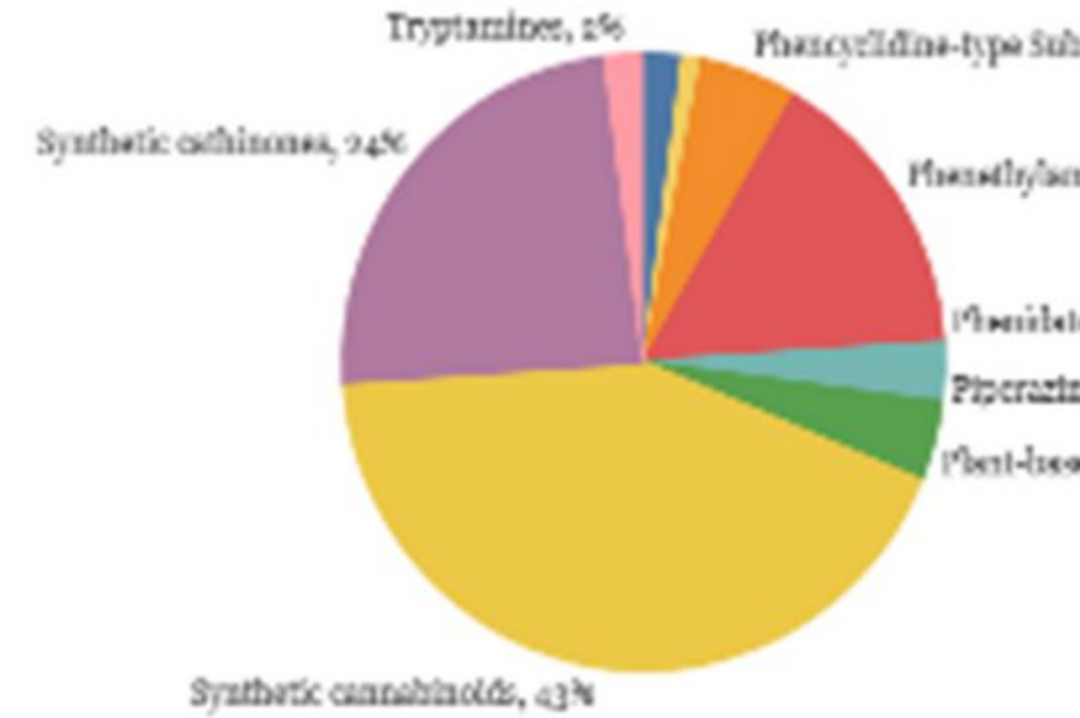
INDONESIA EARLY WARNING SYSTEM

<https://ews.bnn.go.id/>

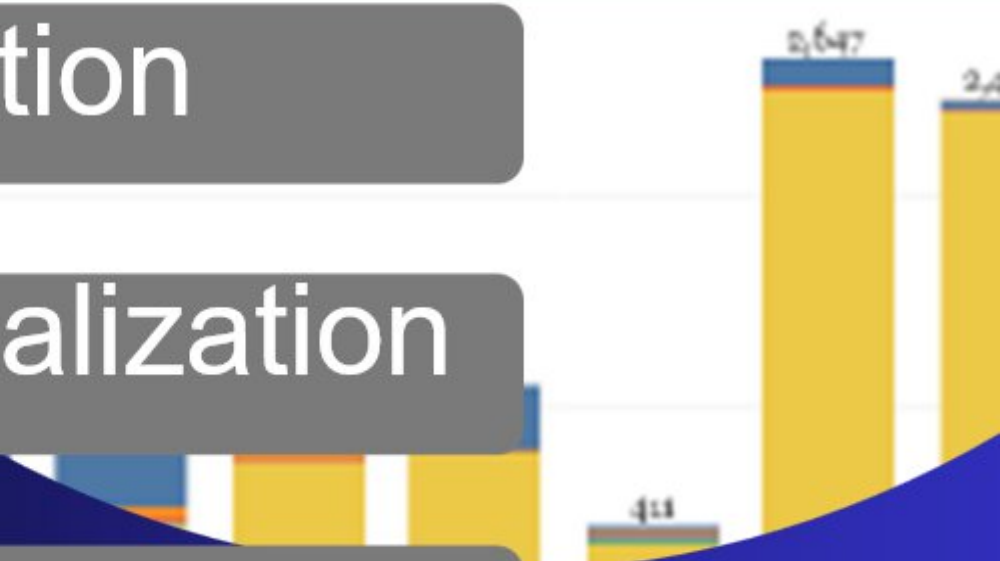
EWS was formed as a response to the emergence of NPS and the importance of sharing information about NPS and trends in new type of drugs at national level.

- ✓ NPS Classification
- ✓ NPS Data Visualization
- ✓ NPS Publication
- ✓ NPS Alert

Persebaran NPS berdasarkan Penggolongan



Jumlah NPS Teridentifikasi Per Tahun





*Thank
You*

