

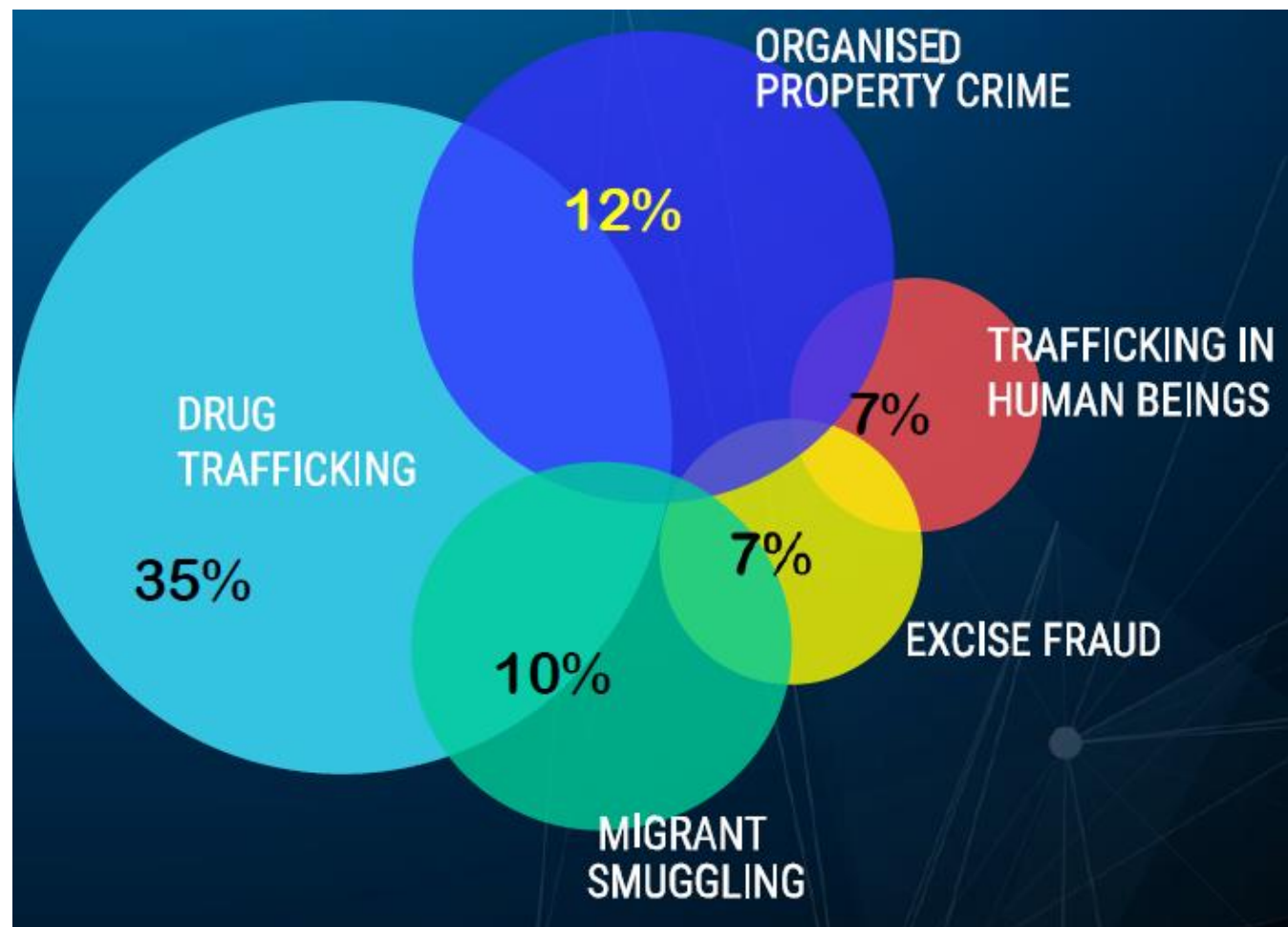
Structure and Dynamics of International Drug Markets as a Challenge for European Forensic Practice



ILLICIT DRUG MARKET TRENDS

- HIGH ACCESSIBILITY OF ALL KINDS OF DRUGS
- CHANGES IN PREFERENCES OF USERS
- GROWTH IN HEROIN AND COCAINE PRODUCTION
- MARKET WITH NEW PSYCHOACTIVE SUBSTANCES
- PRECURSORS AND PRE-PRECURSORS
- INFLUENCE OF BOTH THE DARKNET AND OPEN INTERNET
- PSYCHOACTIVE PHARMACEUTICALS AND THEIR COUNTERFEITS

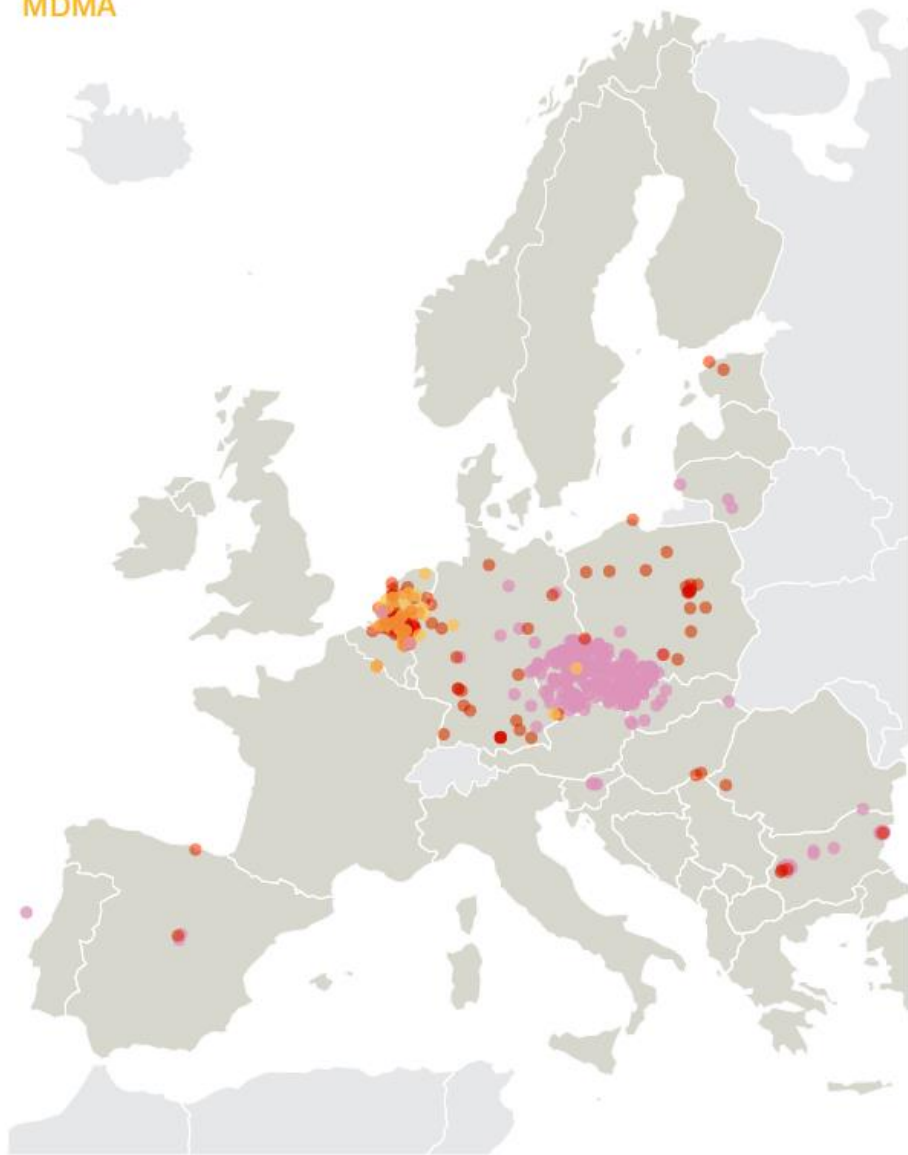
ORGANIZED CRIME ACTIVITIES



ZDROJ: SOCTA 2017



Amphetamine
Methamphetamine
MDMA



Note: Data reported to Europol by national authorities using the ERISSP tool.

Source: Europol.

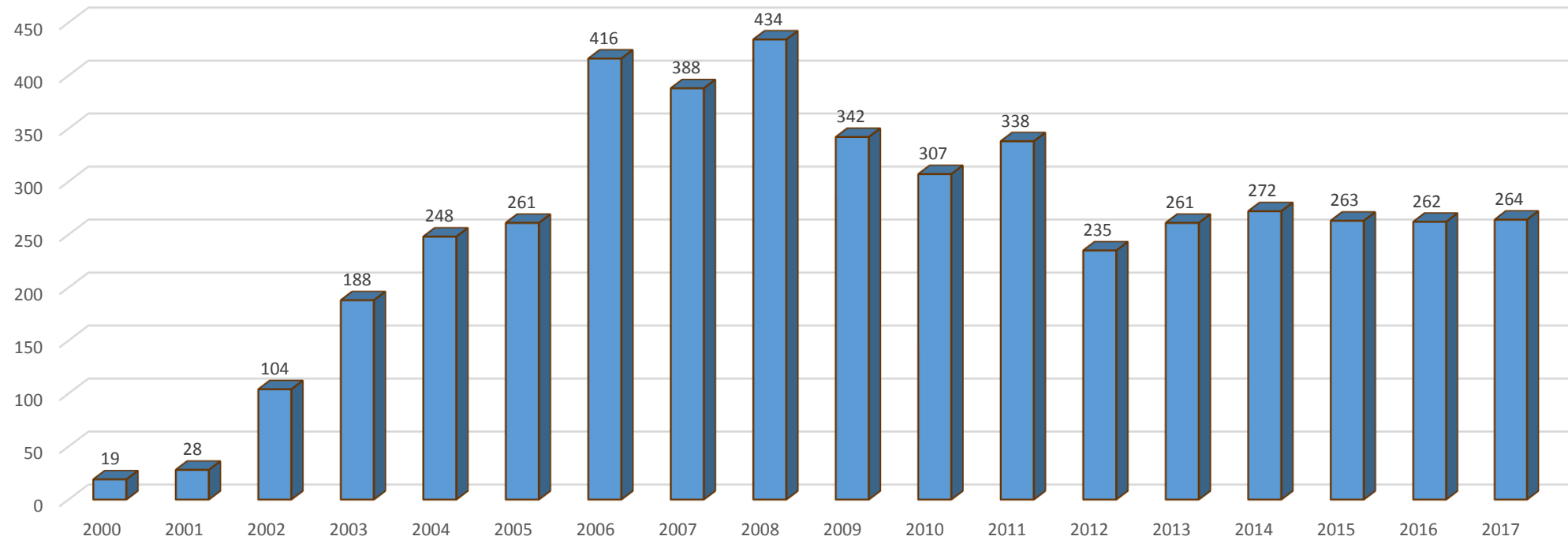
DETECTED ILLICIT DRUG PRODUCTION IN EUROPE

- PROBLEM ADDRESSED
- INFORMATION SOURCES
- CONCEPTS AND REALITY
- RESULT-BASED PREDICTIONS

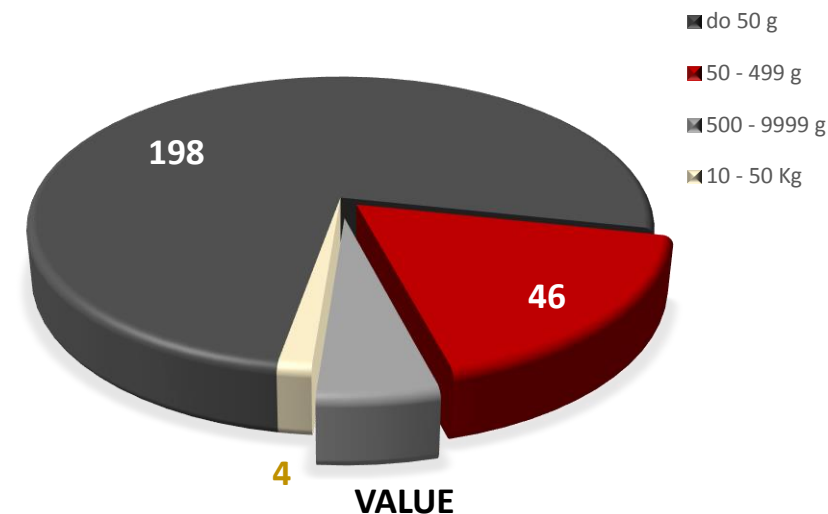
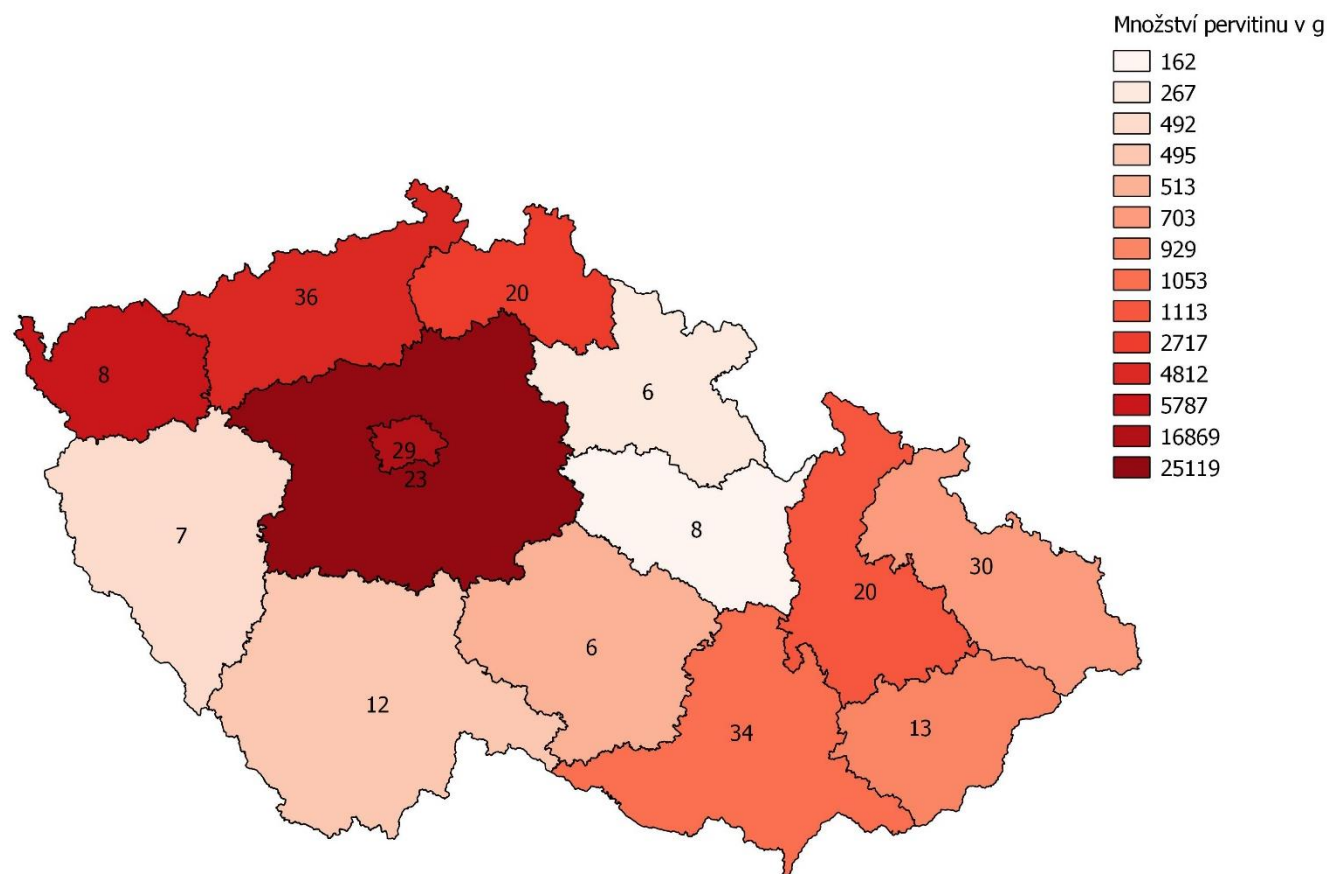
Marihuana 40 %	Hašiš 29 %	Kokain a crack 9 %
		Amfetaminy 5 %
		Heroin 4 %
		MDMA 3 %
		Jiné látky 8 %
	Rostliny konopí 2 %	



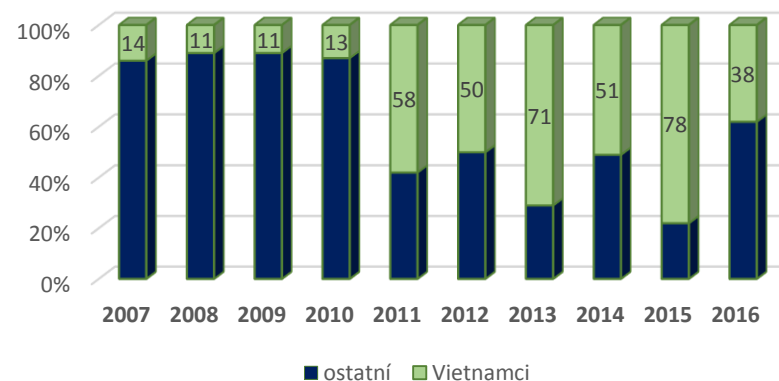
DETECTED METANPHETAMINE LABS IN THE CZECH REPUBLIC



PRODUCTION VOLUMES AND TERRITORIAL DISTRIBUTION OF DETECTED LABS



Vietnamese criminal groups ratio (%) concerning the amount of seized metamphetamine



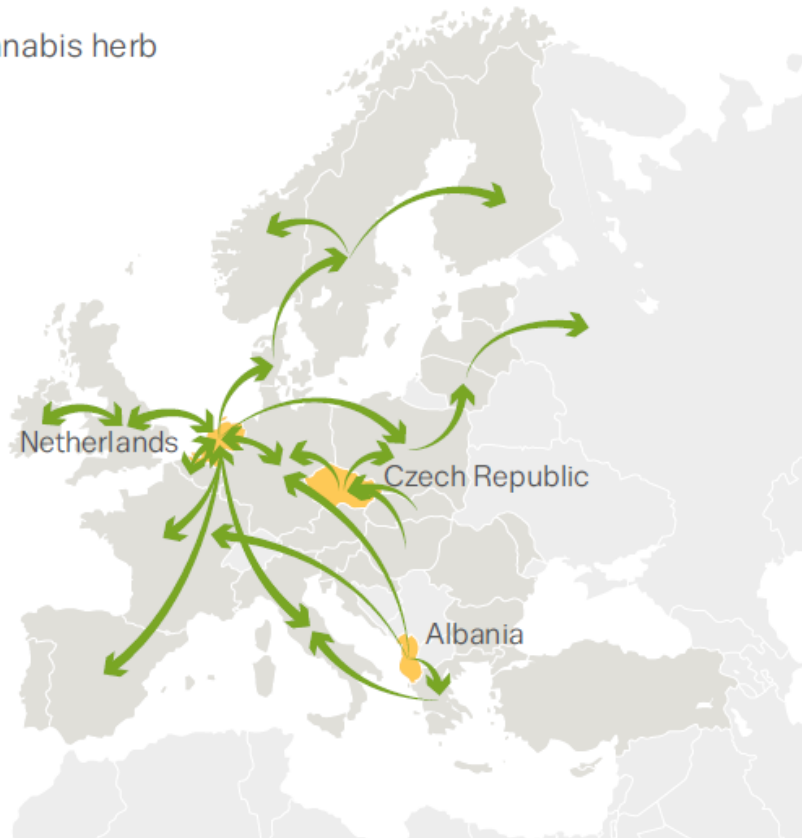
TRENDS IN METANPHETAMINE PRODUCTION IN THE CZECH REPUBLIC

- massive import of pharmaceuticals containing PSE (30,000 – 35,000 CZK/kg)
- detection of labs with higher production volume – in dozens of kg
- tendency to use other precursors than pseudoephedrine or ephedrine
- tendency of criminal groups to run own ephedrine production
- import of ephedrine and pharmaceuticals containing pseudoephedrine from West Balkans and import of nonregistered generics containing PSE produced outside the EU
- growing demand in metanphetamine in Poland and Austria
- metanphetamine cutting

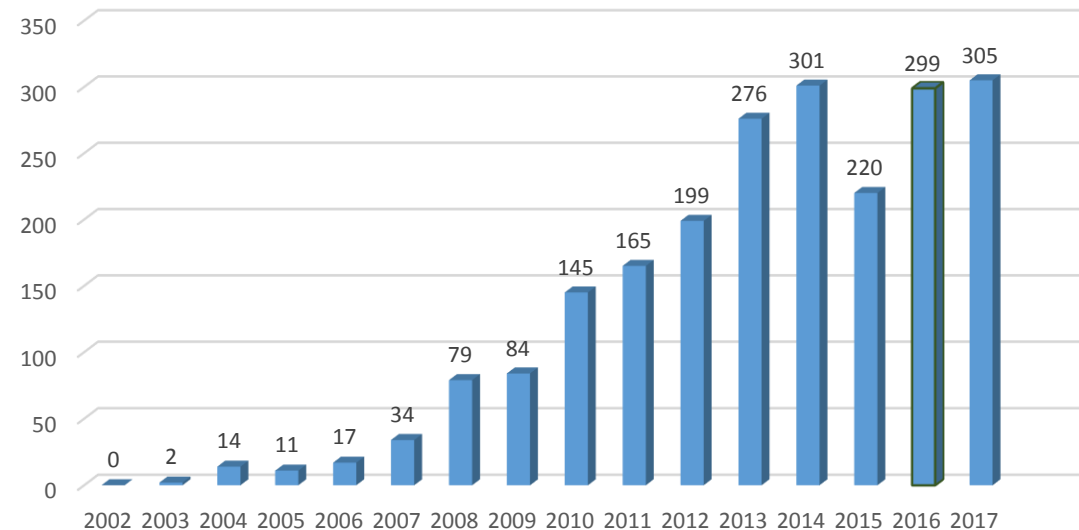
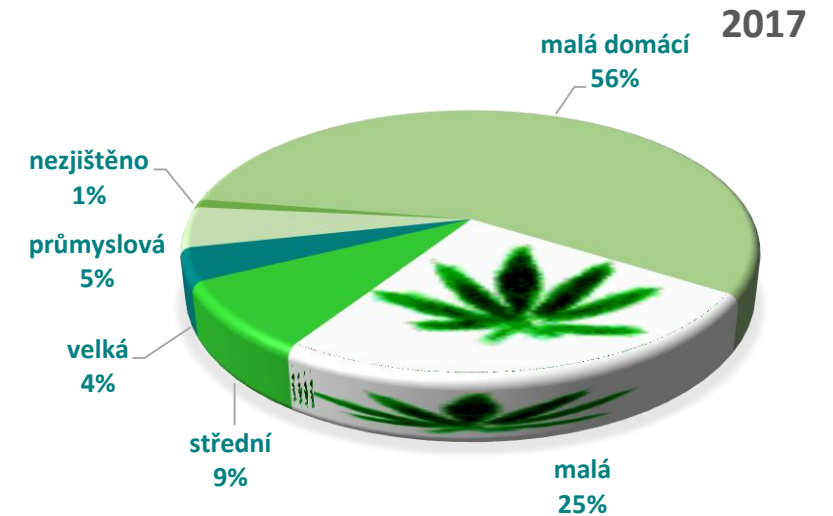


DETECTED CANNABIS FARMS IN THE CZECH REPUBLIC

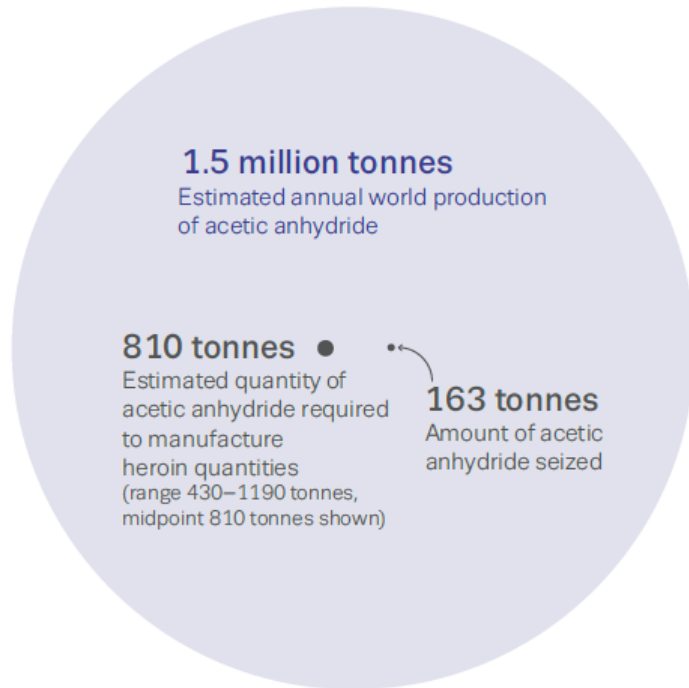
Cannabis herb



criterion (pcs ofplants)	
1 - 49	small-size home production
50 - 249	small-size
250 - 499	medium-size
500 - 999	large-scale
1000 +	industrial



DRUG-RELATED CHEMICAL SUBSTANCES

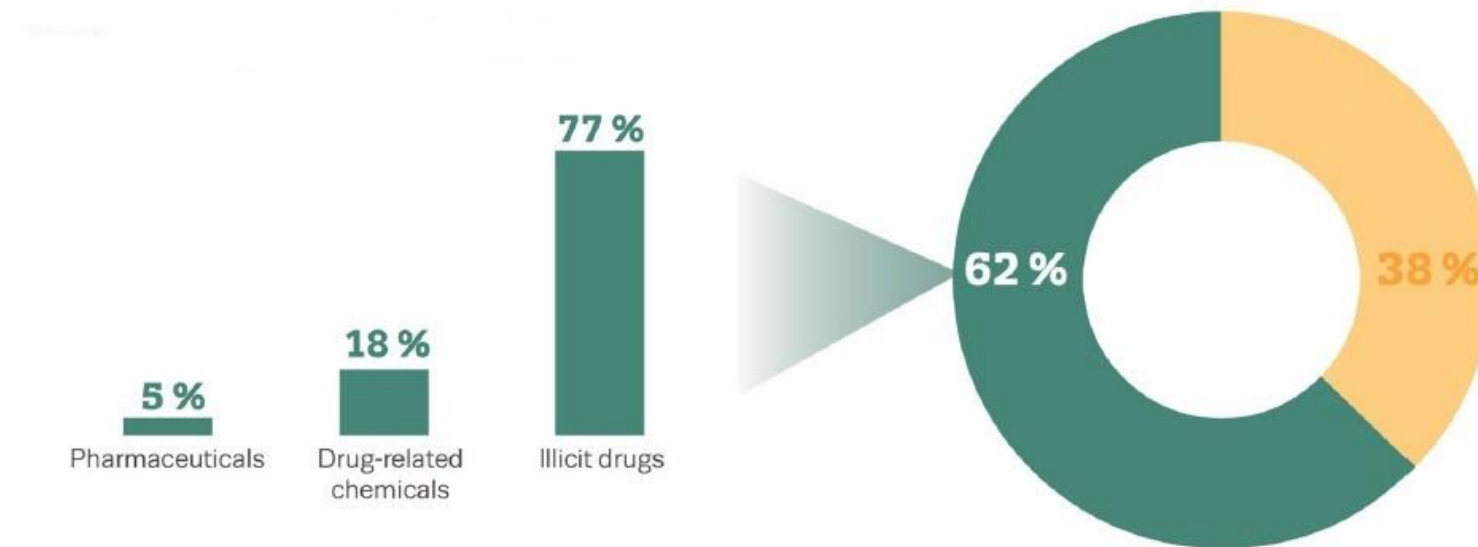


Source: INCB, 2015a.

- LEGAL HIGHS
- RESEARCH CHEMICALS
- DIETARY SUPPLEMENTS
- DESIGNER DRUGS
- PSYCHOACTIVE PHARMACEUTICALS AND THEIR COUNTERFEITS



DARKNET – DRUGS AND DRUG-RELATED CHEMICAL SUBSTANCES



Source: Web-IQ (2017).



INTERNATIONAL POLICE AND JUDICIAL COOPERATION

- legal help, joint investigation team
- role of international agencies (EUROPOL, INTERPOL, EUROJUST, EMCDDA, UNODC)
- legislative differences between countries
- absence of tools of rapid international cooperation



FORENSIC CHALLENGES

- DRUG PROFILATION AND DRUG ADULTERANTS
- GENETICS OF PLANTS
- SHARING AND ANALYSES OF STANDARD FORENSIC DATA ON DRUG SEISURES
- DRUG TESTING
- EVALUATION OF PUBLIC-HEALTH-RELATED RISKS
- INFLUENCE OF DARKNET AND OPEN INTERNET
- PSYCHOACTIVE PHARMACEUTICALS AND THEIR COUNTERFEITS

Thank you for your attention

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