

Clandestine production methamphetamine and amphetamine in Poland

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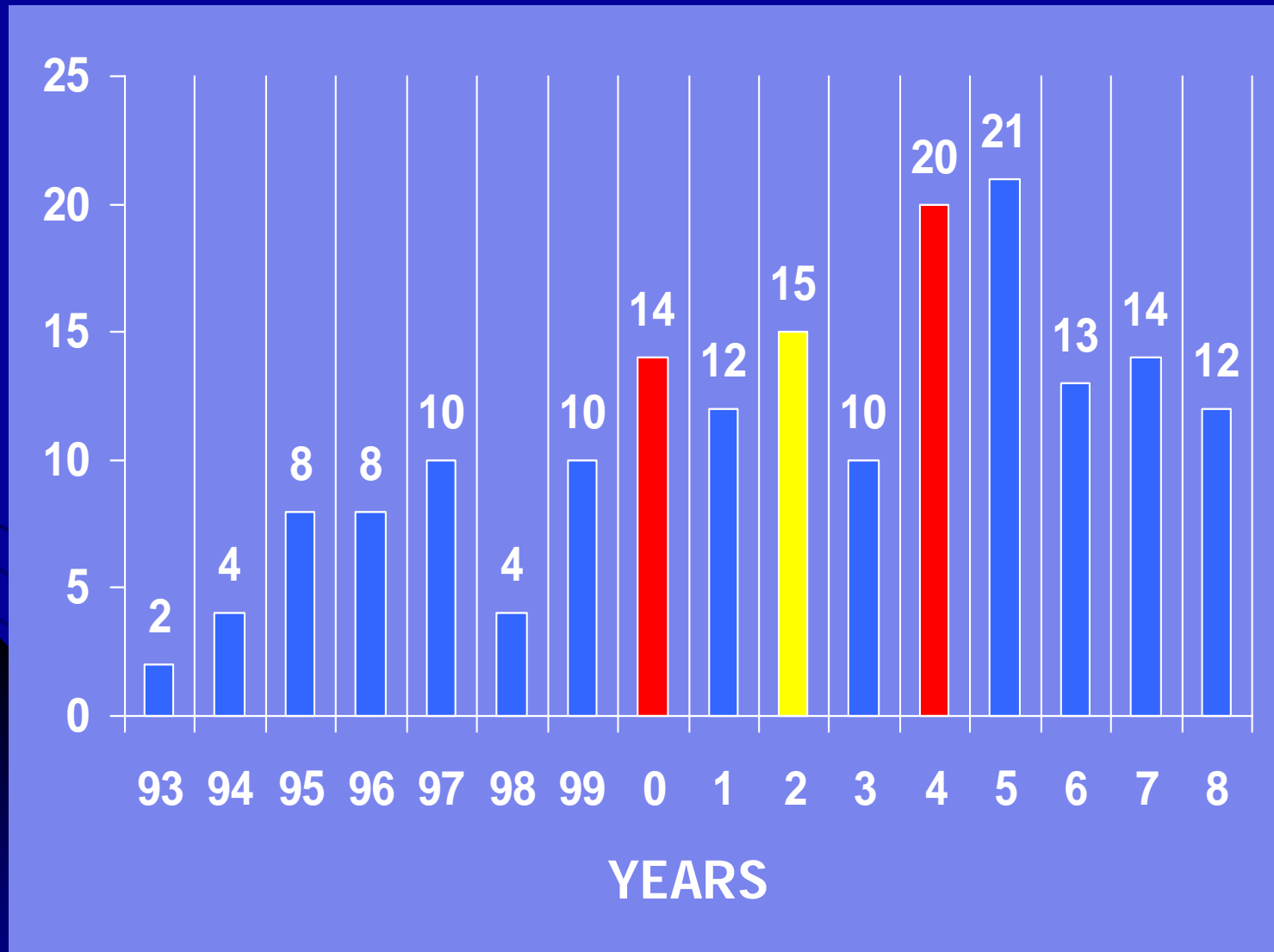
Central Bureau of Investigation National Police HQs
Poland

- **SYMPOSIUM: METH/AMPHETAMINES - SHARING THE EXPERIENCE**
 - **Prague, 30 April 2009**

Polish ATS market characteristics

- Amphetamine production – main ATS problem in Poland
- BMK smuggling from the East
- Production for polish market and for „export”
- Main destination countries: Scandinavian countries and Germany
- No production of XTC (MDMA, MDA)
- Small production of metamphetamine

Clandestine laboratories in Poland



Polish clandestine laboratories

Total (1995-2008):	-	178
Amfetamine Leuckart	-	170
Amfetamine reductive amination	-	1
Amphetamine nitrostyrene method	-	1
BMK	-	3
PMA, PMMA	-	1
GHB	-	1
Methamphetamine	-	1

Leuckart method

- **BMK** + ammonium formate (formamide)



- N-formylamphetamine



1. Hydrochloric acid/sodium hydroxide
2. sulphuric acid

- Amphetamine sulphate

BMK seized in Poland



2004 – 4680 l



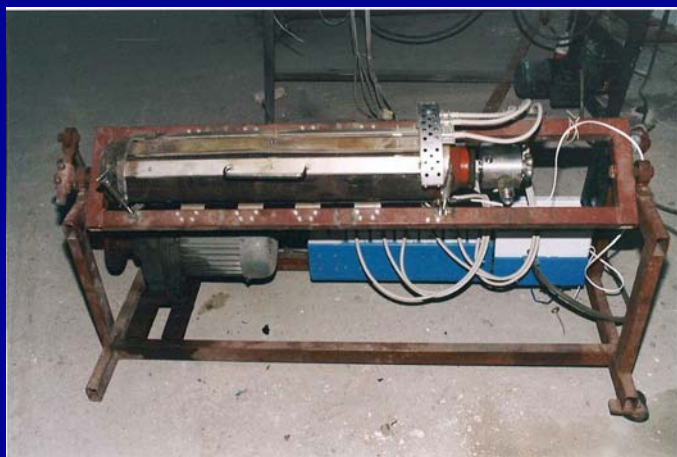
2005 – 441 l



2006 – 1104 l

2007 – 370 l

Sophisticated clandestine laboratory – reductive amination



Typical polish clandestine laboratory – Leuckart method



Increasing scale of clandestine labs in Poland



Conclusions: Certain unique factors typical for clandestine amphetamine laboratories in Poland

↗location in small villages

↗typical scale of production: 6-20 litres \Rightarrow 1- 4 kg amphetamine sulphate/batch

↗from 2006 increasing scale of production: 30-50 litres barrels
 \Rightarrow 6- 10 kg amphetamine sulphate/batch

↗Leuckart method of synthesis – ammonium formate instead formamide

↗delivered precursors are processed immediately /they are not stored/

↗purification step: two steam distillations \Rightarrow purity $>80\%$ up to 100%

↗from 2006 – tableting of amphetamine

Methamphetamine laboratory

- 29.06.2007
- Szczecin
methamphetamine
clandestine
laboratory



Methamphetamine – reductive amination

Precursor: **BMK**

Reagents:

methylamine hydrochloride

aluminum foil

mercuric chloride (HgCl_2)

hydrochloric acid

Special equipment: none

Methamphetamine - Szczecin



Szczecin - PMMA tablets



Methamphetamine - Szczecin

Methamphetamine – 574.5 g

- BMK – 700 ml
- Sulfuric acid – 1000 ml
- Hydrochloric acid – 15000 ml
- Tablet mashine
- Estimates of the quantity of production: 400g/day
- 1 criminal arrested (Greek nationality)
- PMMA – 314.8 g
- 6 tablets with PMMA (logo: Nike, Spot, Line, Ring, Circle)

Trends in fighting with clandestine laboratories

- **precursors monitoring**
- **criminal analyses of organized groups and drugs market**
- **amphetamine and BMK profiling**
- **systematic surveillance of organized crime groups suspected of dealing with synthetic drugs production**
- **cooperation between CBI and other actors obliged to fight with organized drugs crimes /Border Guard, Customs Service,/**

THANK YOU FOR YOUR
ATTANTION

