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UNODC's use of Multiple Systems Estimation (MSE) to assist countries in measuring human trafficking and reporting on SDG indicator 16.2.2

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## Trafficking in persons and migration

- Trafficking victims are not necessarily migrants, but migration – such as participation in ‘mixed migration flows’ - might increase a person’s vulnerability to being trafficked
- Detected cross-border trafficking flows often resemble regular migration flows (GLOTIP 2016).



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# The UN Trafficking in Persons Protocol

- Also known as the ‘Palermo Protocol’, it was adopted by the General Assembly along with the UN Convention against Transnational Organized Crime in 2000
- Entered into force in 2003
- Currently has 173 Parties
- Provides a definition of trafficking in persons
- Forms the basis for all UNODC’s normative, technical assistance and research work on trafficking in persons



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# UNODC data collection on trafficking

- UNODC carries out global data collection for the biennial *Global Report on Trafficking in Persons*
- Nearly all the data is official national data contributed by Member States
- Database includes information on more than 200,000 detected victims and 40,000 offenders



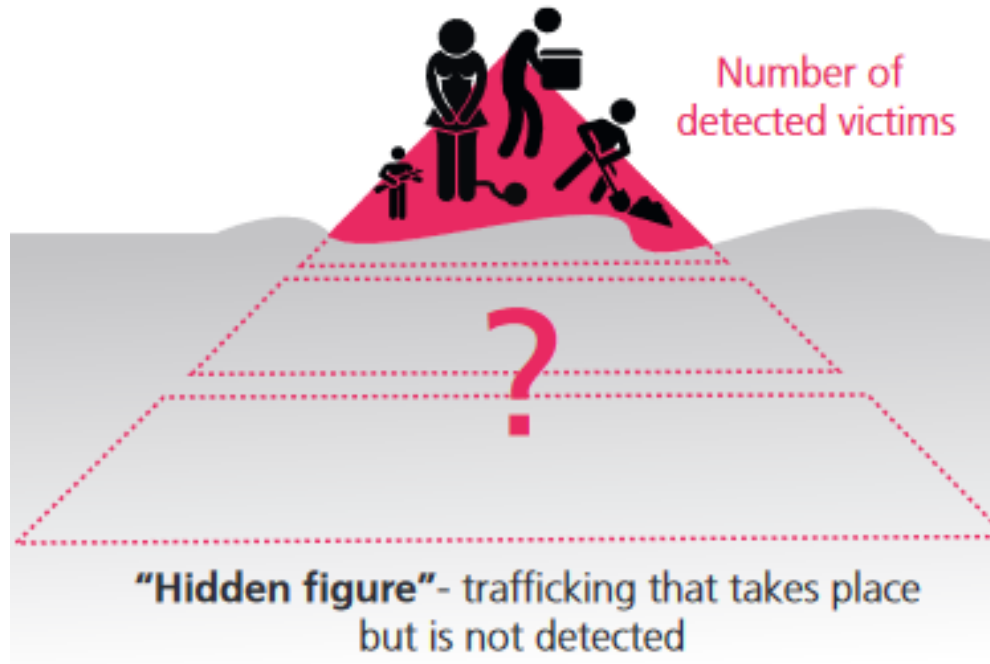


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However, data on detected victims  
*cannot reveal magnitude*





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# Multiple Systems Estimation (MSE)

- MSE is a variant of capture-recapture for application on at least three victim lists (registers)
- MSE can generate an estimate of the overall victim population, and through that, a rate per 100,000 -> required for SDG indicator 16.2.2
- If the underlying data is solid enough, MSE studies can also reveal detection patterns and trends
  - Are some victims more readily detected than others (females, minors, foreigners...)? Is this changing over time?
  - Which forms of exploitation are detected? Changes?

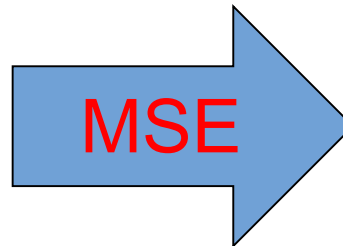
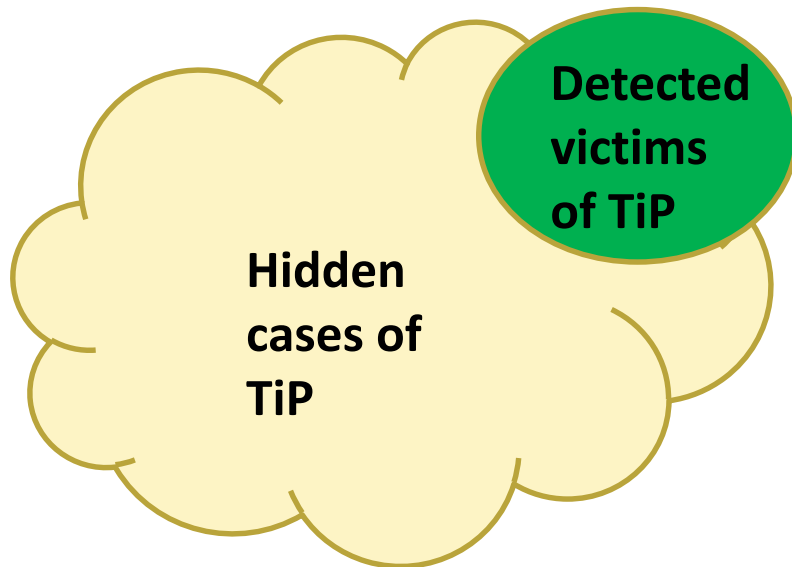


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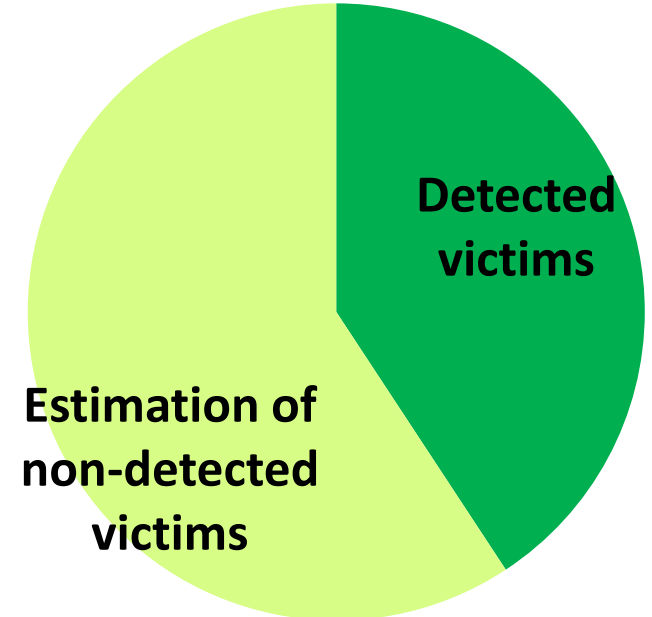
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## The present



## The future





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## Requirements for UNODC to support national MSE studies

- 1) A Government partner
- 2) Data on a minimum number of presumed victims (around 80)
- 3) At least three different victim lists, preferably multi-year and **disaggregated**
  - SDGI 16.2.2: sex, age, form of exploitation
  - Others: citizenship (foreign/local), location





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## Possible sources of victim lists

- Very much depends on the country!

### Netherlands (6)

- National police
- Border police
- Labour inspectors
- Regional coordinators
- Treatment centres/shelters
- Others (legal service providers, immigration...)

### Ireland (3)

- National police
- Border police (and other government agencies)
- NGOs (providing assistance to victims)

### Romania (5)

- National police and border police
- NGOs (providing assistance to victims)
- IOM
- Foreign authorities (mainly law enforcement)
- Others

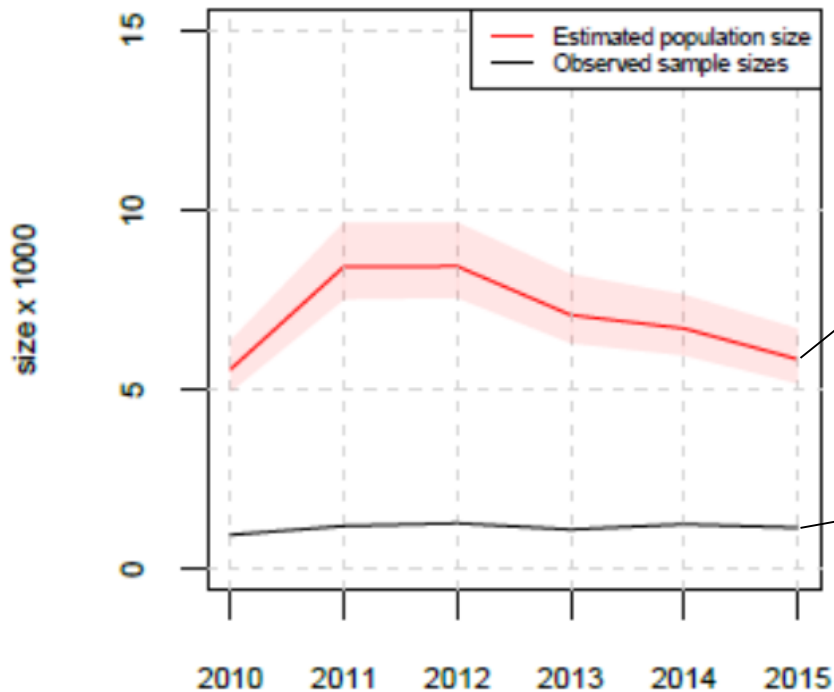


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## Selected country results so far



*2015*

Estimated victims:  
**~5,800**

Of these,  
observed victims:  
**~1,150**

Victimization rate  
per 100,000: 37

*UNODC/Dutch National Rapporteur  
(2017)*

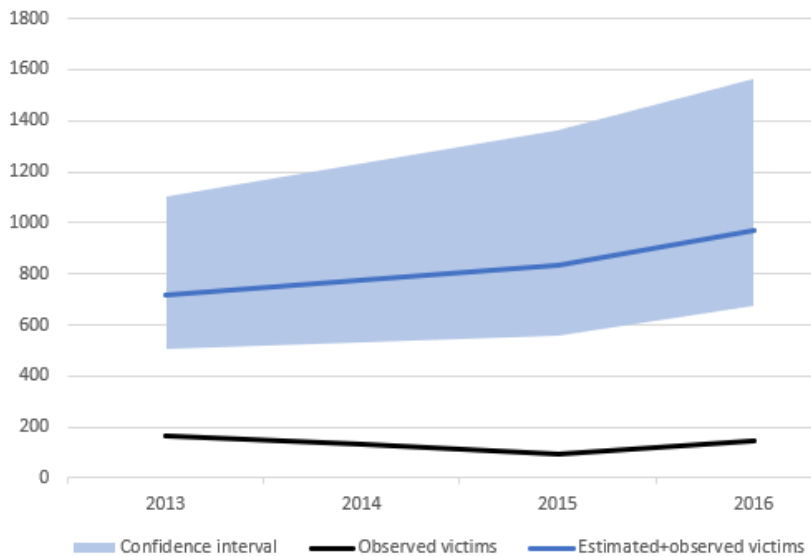


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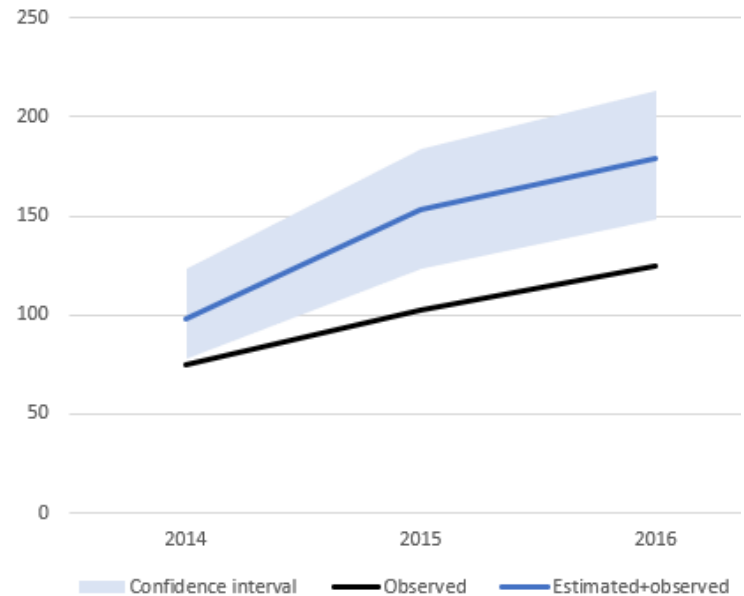
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## Population estimates: other countries



*Serbia:* UNODC/Center for Human Trafficking Victims Protection (2018)



*Ireland:* UNODC/AHTU, Department of Justice and Equality (2018)

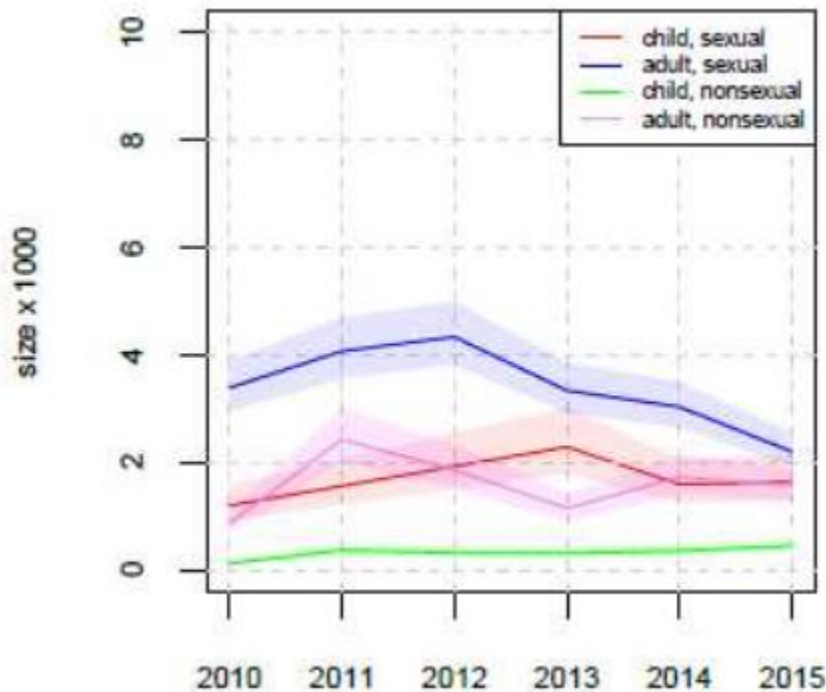


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## Disaggregated results



**Blue line:** Adults for sexual exploitation

**Red line:** Children for sexual exploitation

**Pink line:** Adults for non-sexual exploitation

**Green line:** Children for non-sexual exploitation

*UNODC/Dutch National Rapporteur (2017)*



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**[WWW.UNODC.ORG/GLOTIP](http://WWW.UNODC.ORG/GLOTIP)**