



IAEA

International Atomic Energy Agency

The Incident and Trafficking Database

**The National Academies of Sciences, Engineering and
Medicine**

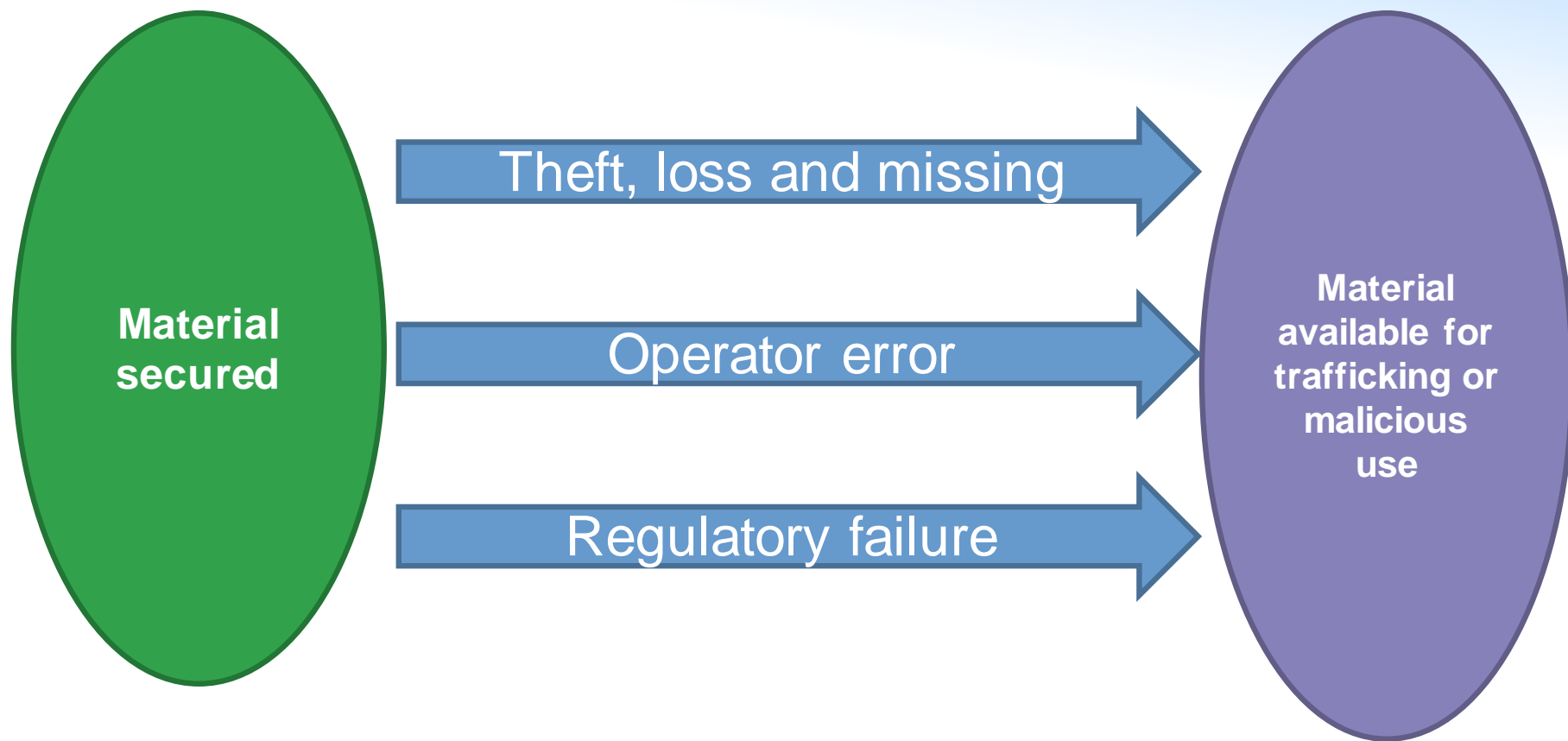
10th June 2020

Jose GARCIA SAINZ

Division of Nuclear Security

Department of Nuclear Safety and Security

Loss of Regulatory Control



Measures in place to detect unauthorized activities

No measures to detect unauthorized use

Purpose of the ITDB

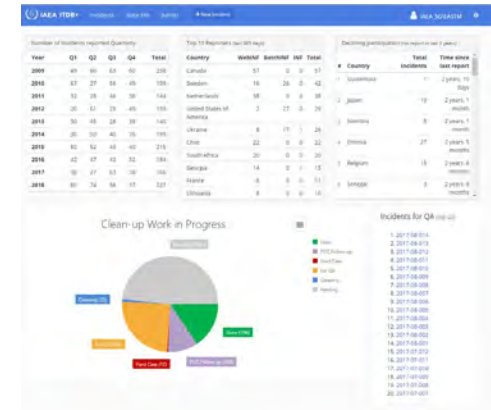
Exchanging information



The image shows a screenshot of the IAEA ITDB data entry form. It includes fields for 'Country', 'Incident Type', 'Incident Description', 'Incident Date', 'Incident Location', 'Incident Status', 'Incident Severity', 'Incident Impact', 'Incident Response', 'Incident Investigation', 'Incident Findings', 'Incident Recommendations', and 'Incident Comments'. The form is titled 'IAEA ITDB' and 'IAEA Incident and Trafficking Database (ITDB)'.



Building Networks



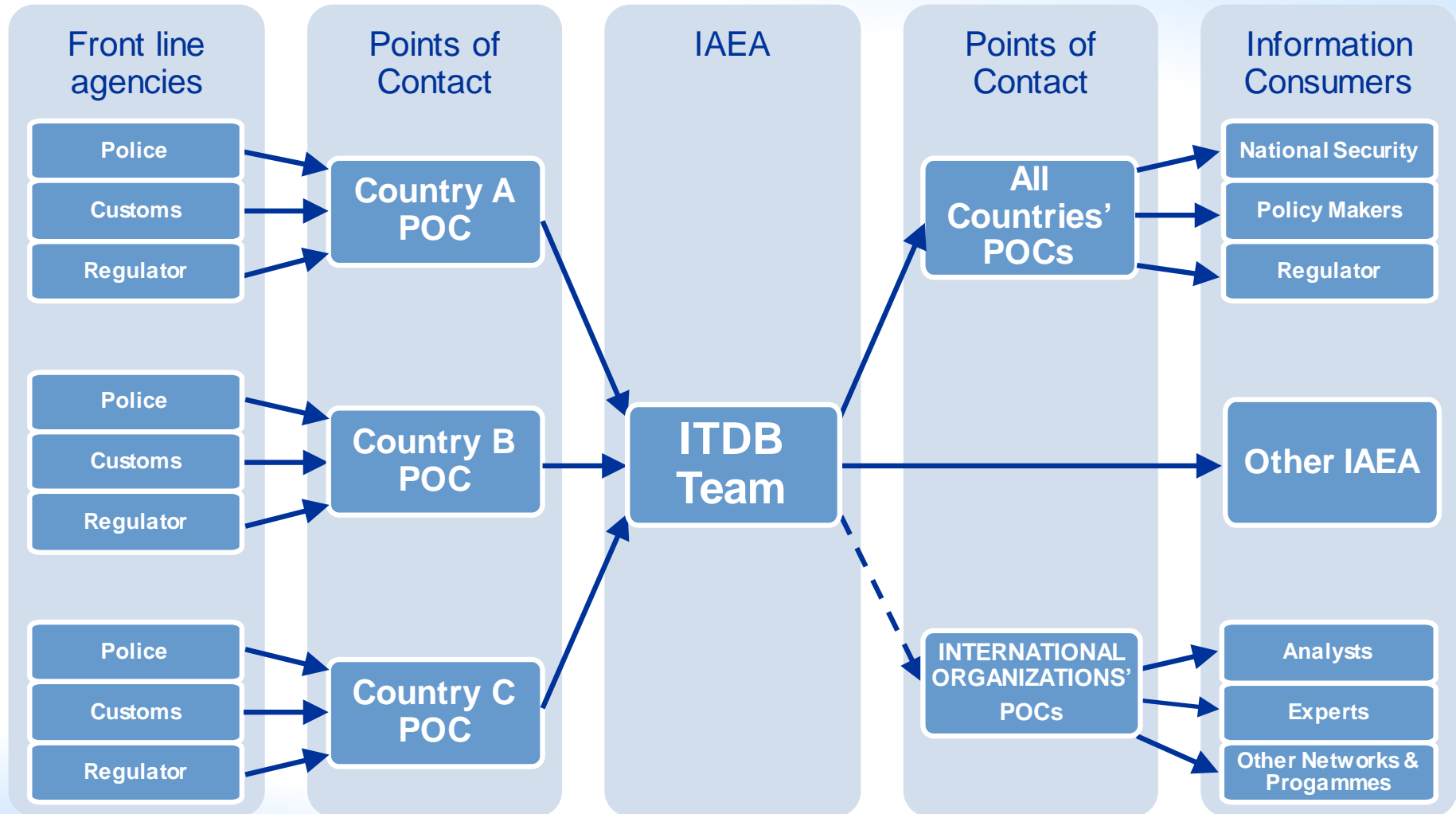
Identifying trends & patterns



Raising awareness



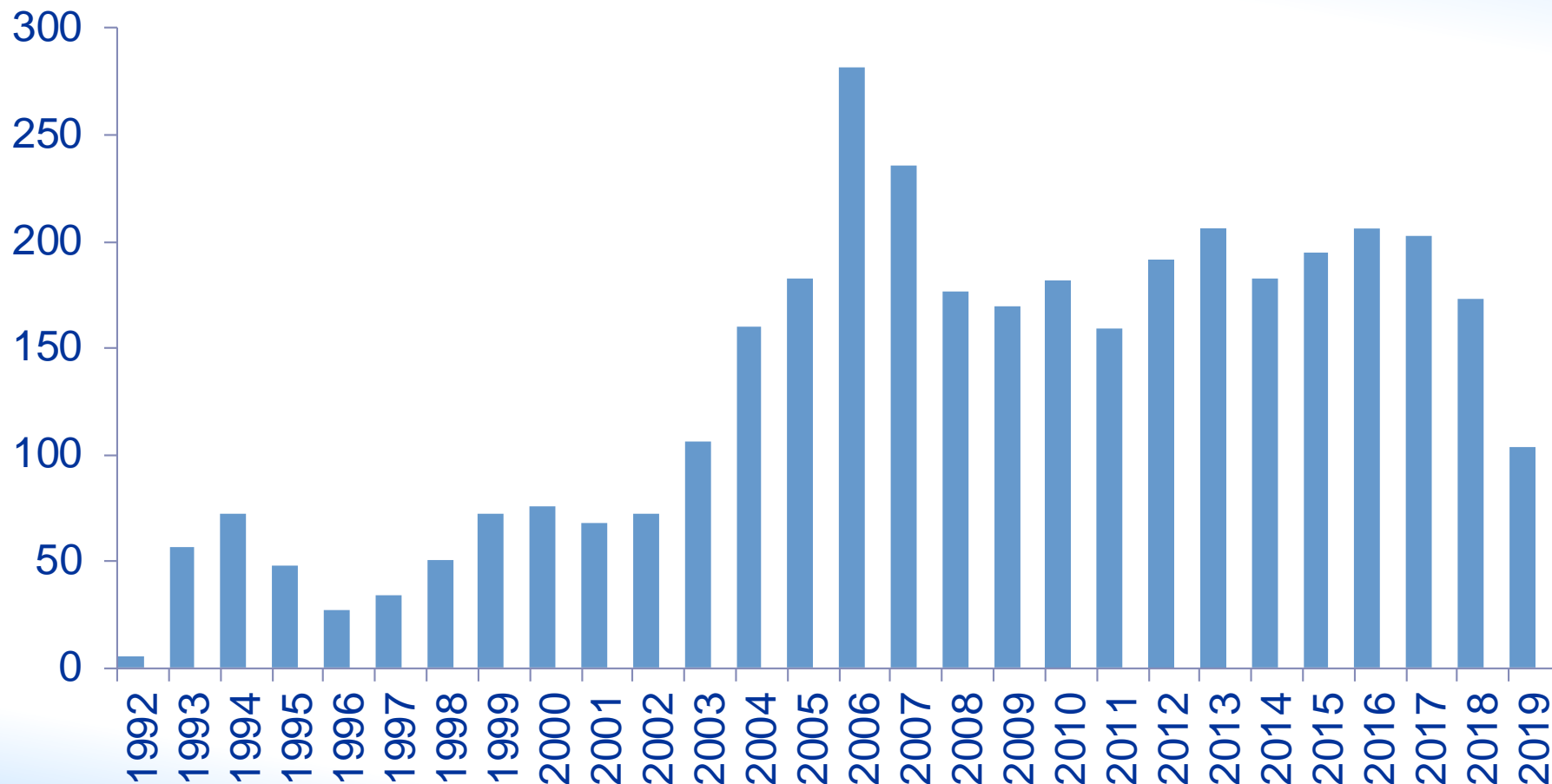
ITDB Information Exchange Network



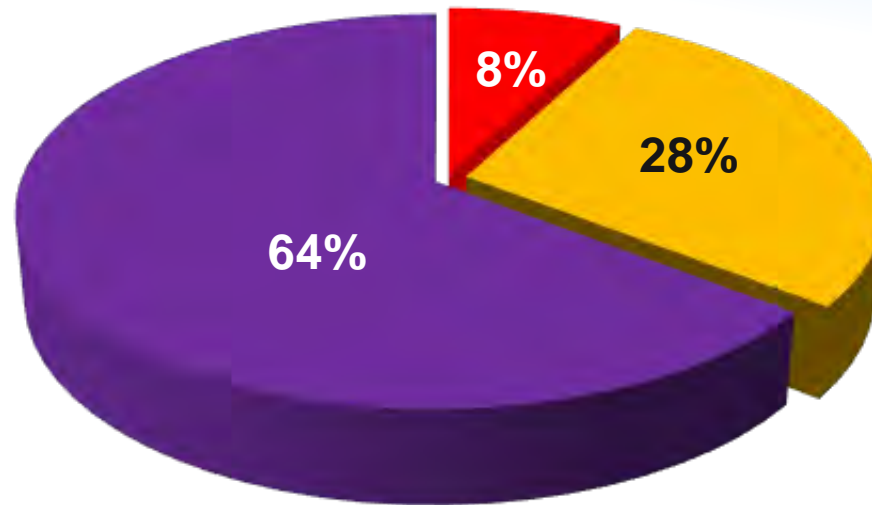
140 participating States as of January 2020

Confirmed Incidents 1992-2019

Confirmed incidents (by incident date): # 3698



Confirmed Incidents by Group Type



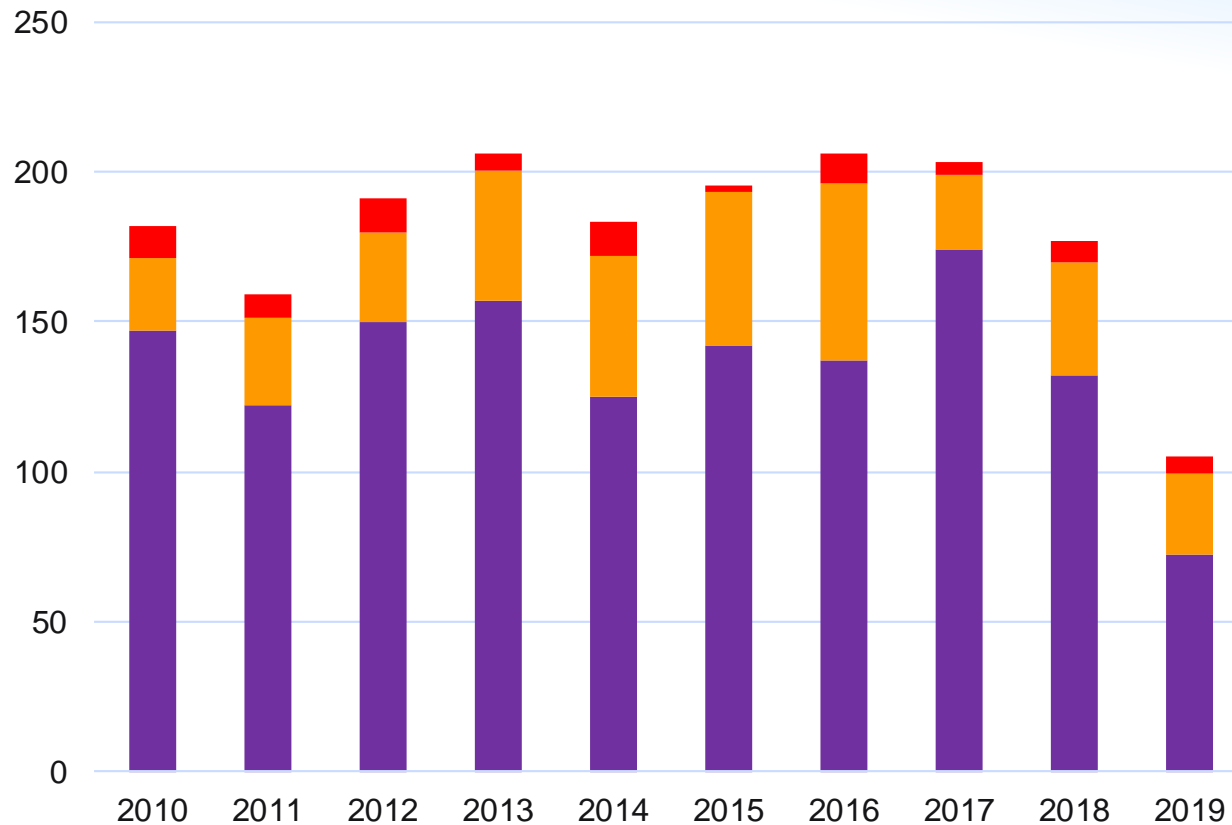
Each group is related to Trafficking and Malicious Use and for communication purposes only is based on a colour scheme, as follows:

GROUP I - Confirmed or likely Trafficking or Malicious Use

GROUP II - Undetermined act of Trafficking or Malicious Use

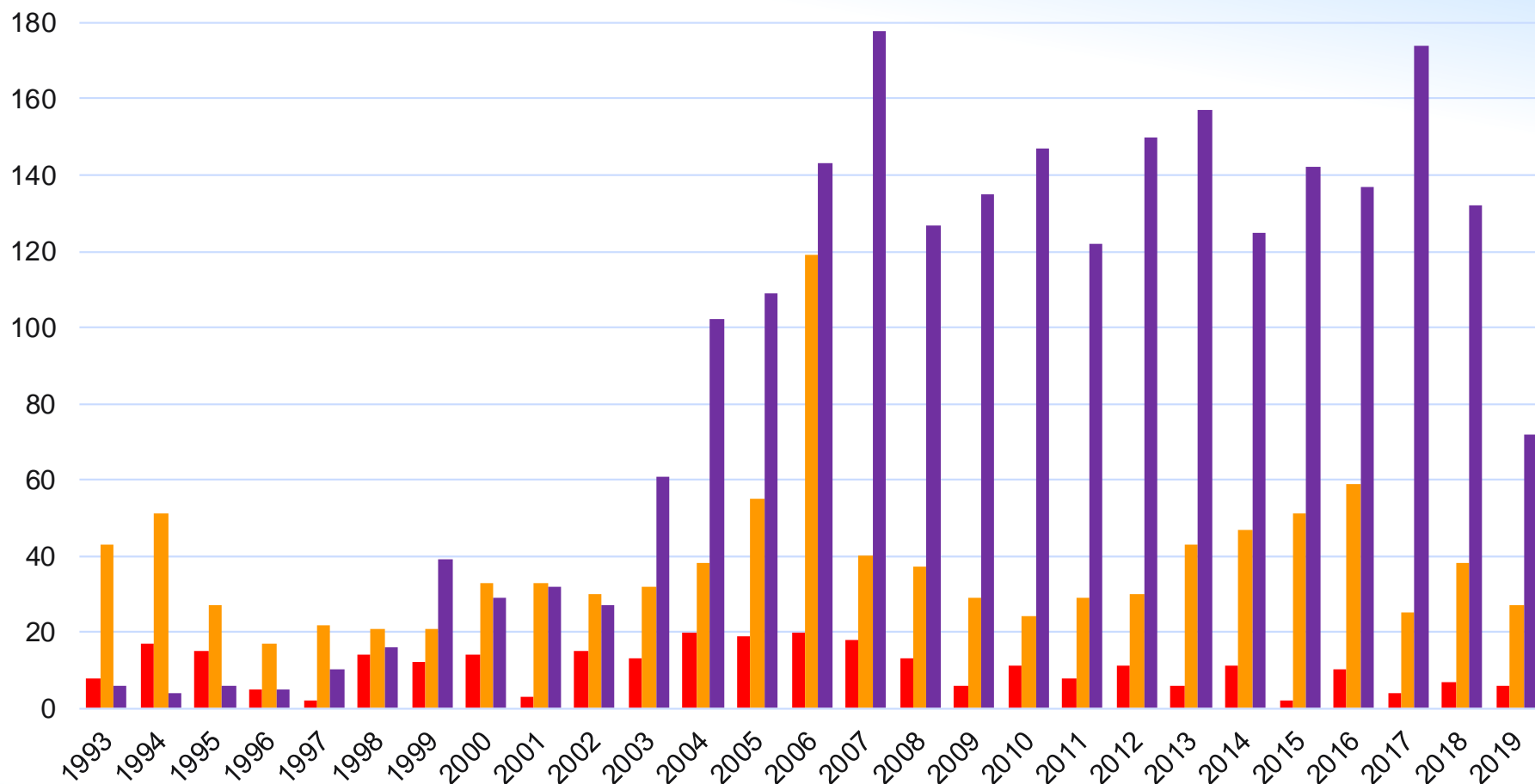
GROUP III - Confirmed or likely not Trafficking or Malicious Use

Incidents confirmed in the last 10 years



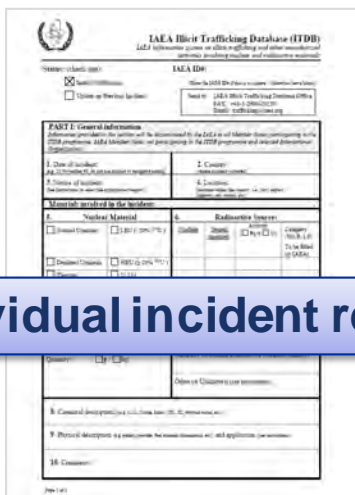
Group 1 = Confirmed or likely trafficking, malicious use, scam or fraud
Group 2 = Undetermined act of trafficking or malicious use
Group 3 = Act confirmed not / unlikely to be trafficking or malicious use

ITDB data by incident group



Group 1 = Confirmed or likely trafficking, malicious use, scam or fraud
Group 2 = Undetermined act of trafficking or malicious use
Group 3 = Act confirmed not / unlikely to be trafficking or malicious use

ITDB Information Products



IAEA Illicit Trafficking Database (ITDB)
 IAEA IDB
 PART I: General information
 1. Date of incident
 2. Country
 3. Nature of incident
 4. Location
 5. Material involved in the incident
 6. Material involved in the incident
 7. Material involved in the incident
 8. Material involved in the incident
 9. Material involved in the incident
 10. Material involved in the incident

Individual incident reports



Analysis Reports



Support to Major Public Events



NUSEC/ITDB Dashboard

How could this information be used?

- Situational awareness and awareness raising
- Alerts for law enforcement and border agencies
- Threat assessment
- Nuclear security detection systems development
- Case studies for training and learning



Who can use this information?

- Nuclear regulator (Security/Safety/Safeguards)
- Emergency Response/Public Safety Agencies
- Domestic Intelligence Agencies
- Police
- Customs/Border Guards
- Military



Focused on Supporting Member States

The ITDB exists to support national efforts to prevent, detect and respond to incidents of material out of regulatory control. It is information exchange system that supports participating Member States' nuclear security activities, particularly those focused on combatting illicit trafficking.



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Incident and Trafficking Database
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