

**Senior Regulators Meeting 2009**

# **Long-term Management of Radioactive Sources**

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**IAEA**

International Atomic Energy Agency

# Radioactive sources are used around the world and most are well controlled, however...

➤ Radioactive sources at the end of their useful life have caused serious accidents



➤ Radioactive Sources are often at their most vulnerable at the end of their useful life

➤ 50% of reported incidents with radioactive sources was contaminated scrap – **mainly due to melted disused sources**

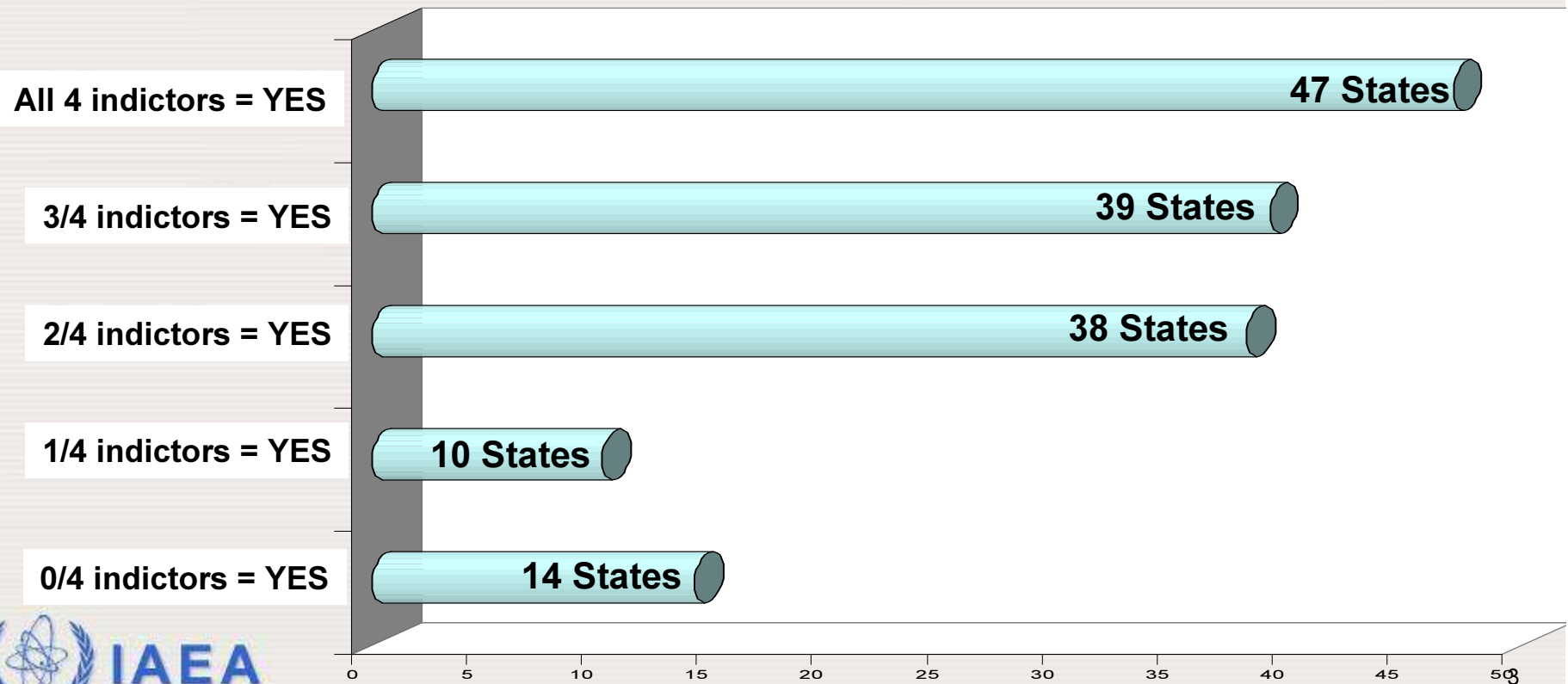
**Majority of these incidents and accidents could have been avoided if radioactive sources had been properly controlled from cradle to grave**



# Indicators of safe control of radioactive sources in IAEA MS

Number of States with the following indicators:

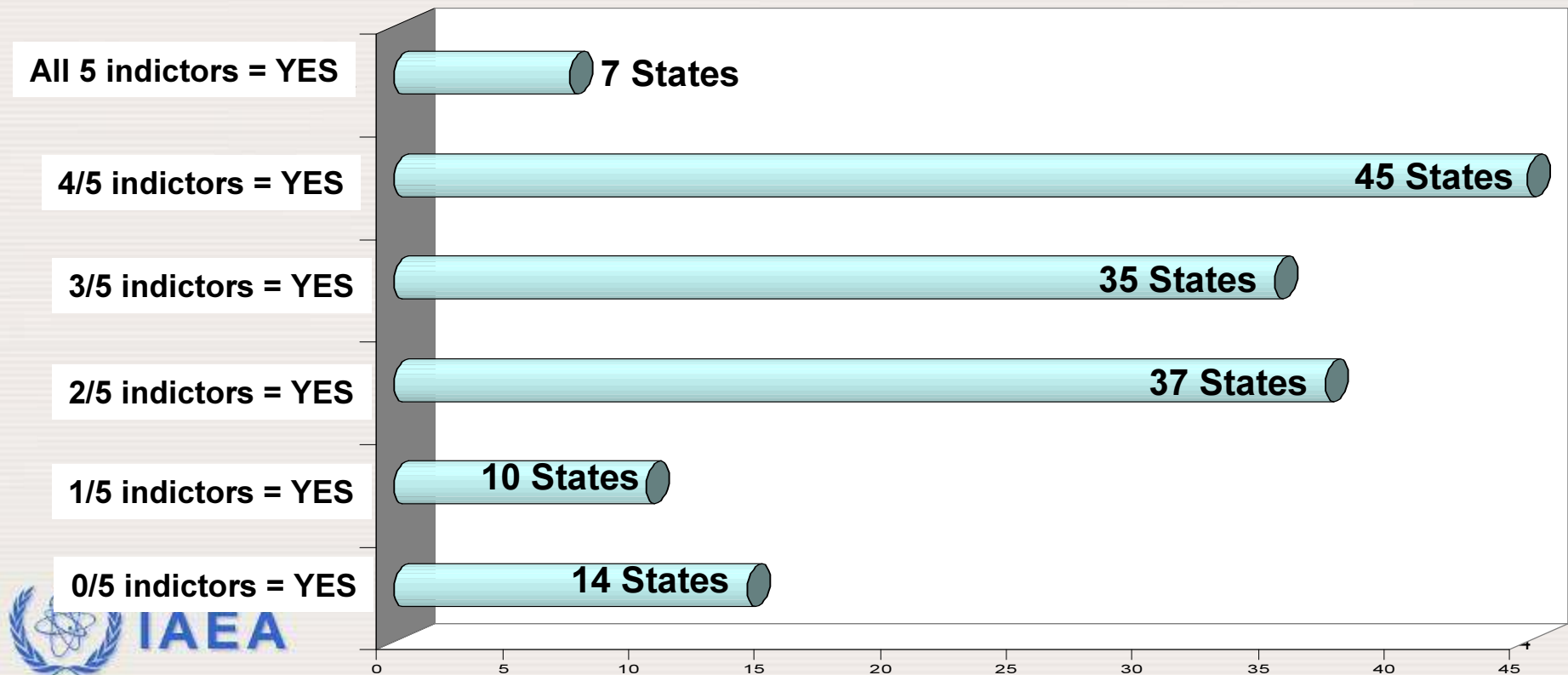
- Political commitment to the code of conduct
- Political commitment to the import/export guidance
- Regulatory Body in place and effective
- National register of sources in place



# Indicators of safe control of radioactive sources in IAEA MS - including disposal solution

Number of States with the following indicators:

- Political commitment to the code of conduct
- Political commitment to the import/export guidance
- Regulatory Body in place and effective
- National register of sources in place
- **Disposal solution**



# How can we improve?

- **Facilitate global application of IAEA Safety Standards**
- **Encourage application of Code of Conduct on the Safety and Security of Radioactive Sources and associated import/export guidance**
  - Next meeting 17-21 May 2010
- **Encourage support for the Joint Convention**
- **Look at synergies between JC & CoC**

