**MCRA: probabilistic dietary risk assessment**

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**MCRA a multi-user system, used by**
- Food Safety Authorities
- Regulatory bodies
- Industry
- Researchers
- Used via the internet: http://mcra.rikilt.wur.nl/mcra

**Probabilistic Risk Assessment**
- Tiered approach for one chemical
- All food items consumed are considered
- Results for the whole population and consumers only
- Short-term and long-term intake assessment
- Cumulative risk assessment
- Modelling of
  - Processing effects
  - Unit variability
  - Data uncertainty

**Pan-European risk modelling**
- Electronic platform using the Internet
- Covers the difference in food consumption habits per European country
- Harmonization of food codes
- Food as eaten converted into Raw Agricultural Commodities
- Data access agreements per database

**Connected to other software**
- Margin of Exposure; exposure and effect (BMD) modelling
- Multi-compound modelling and risk-trade off
- Risk-benefit analyses

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