

OpenFoodTox chemical hazards

DATABASE 2025

an **open-source** database of toxicological information

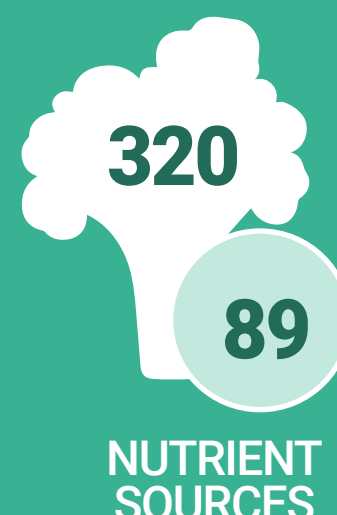
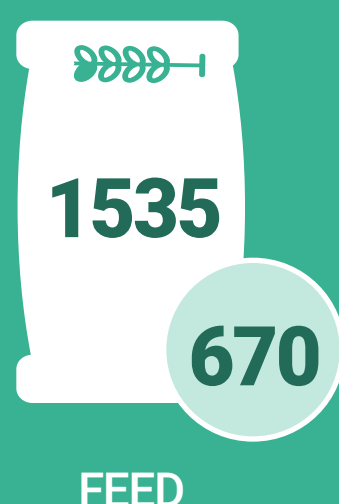


a **"one-click"** tool for risk assessors, risk managers and stakeholders

OpenFoodTox provides chemical hazards data:

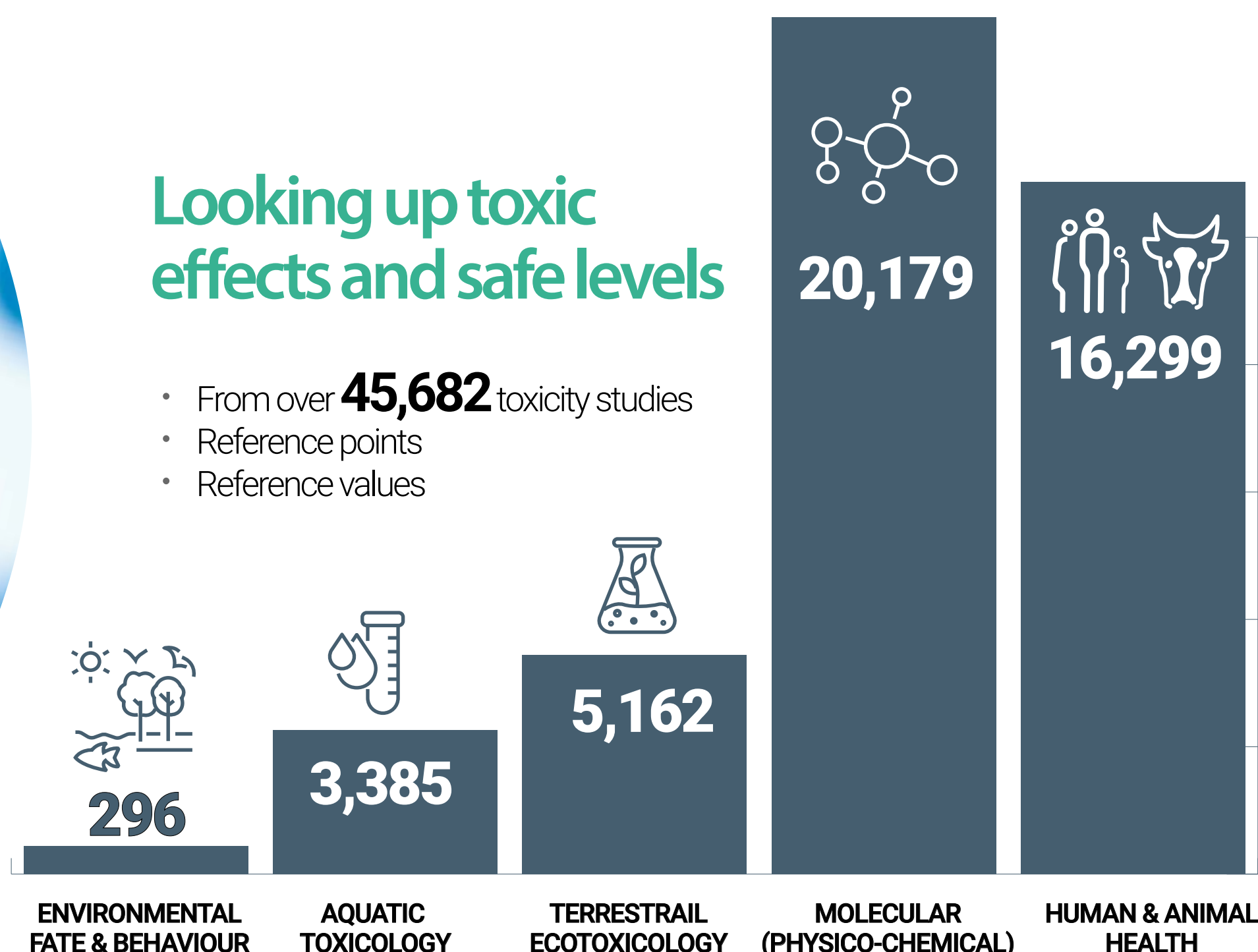
Substances **7,880** chemical substances in the food/feed chain

Assessments **2,603** scientific outputs published since 2002



Looking up toxic effects and safe levels

- From over **45,682** toxicity studies
- Reference points
- Reference values



developing future methods and tools as alternatives to animal testing.



information on chemical characterisation, , reference points (NOAEL, BMD, LD50, etc.) and reference values (ADI, TDI, PNEC, etc.)*, uncertainty factors, regulations and EFSA scientific outputs.

*reference points: No observed adverse effect level (NOAEL), benchmark dose (BMD) limits, lethal doses/concentrations (LD50), etc. reference values: health-based guidance values such as acceptable/ tolerable daily intake (ADI/TDI), and environmental standards like predicted no effect concentration (PNEC)

Visit EFSA's data collections: <https://www.efsa.europa.eu/en/data/chemical-hazards-data>



www.efsa.europa.eu

EFSA is the EU risk assessment body for food and feed safety. In close collaboration with national authorities and in open consultation with its stakeholders, EFSA provides independent scientific advice and clear communication on existing and emerging risks.

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