

Accessing publicly available datasets

Objective: *Discovering the relevant public database systems used for extracting animal population data*

Technical 'Know-how' explored

- Internet browsing and database navigation
 - Filtering and extracting results
 - Basic data management
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Animal Population specific databases (non-exhaustive):

1. (OIE) WAHIS

www.oie.int/wahis_2/public/wahid.php/Wahidhome/Home/index/newlang/en

- ➔ **Reported** and verified data by the countries' **Veterinary Services**
- ➔ International database (universality), country (and +) detailed data, filter option
- ➔ Consultation only - No download feature yet
- ➔ Currently system updated (to OIE-WAHIS) – Importance for future Animal Biomass calculations
- ➔ Integration in last years of various **animal categories** for a defined animal species (i.e. Cattle: Calves, young, adults)
- ➔ Extensive amounts of farmed species covered, terrestrial animals, aquatic and companion animals

2. (FAO) FAOSTAT

<http://www.fao.org/faostat/en/#data>

- ➔ International database (universality), country detailed data, very specific filter options
- ➔ Full and comprehensive database – **Integrates production data** (meat/slaughter data)
- ➔ Absence of specific animal categories
- ➔ Download features – several download options
- ➔ Multi-sourced data – Aggregate, may include official, semi-official, estimated or calculated data (imputed data)

3. (FAO) Global Aquaculture Production 1950-2017

<http://www.fao.org/fishery/statistics/global-aquaculture-production/query/fr>

- ➔ International database (universality), country detailed data, very specific filter options
- ➔ Full and comprehensive database – **specific for aquaculture production**

- Multi-sourced data – Aggregate, may include official, semi-official, estimated or calculated data (imputed data)
4. (EU) EUROSTAT
- <https://ec.europa.eu/eurostat/fr/data/database>
- European Union database, country detailed data, very specific filter options
 - **Highly detailed animal categories** for both census of animal populations + production data – But, only main animal species covered
 - Officially sourced
5. Other Country specific database
- High detail, officially sourced
 - Lack of universality