

Data collection of veterinary antimicrobial agents in Norway



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All veterinary antimicrobial agents are prescription only medicines (POM) in Norway.

Terrestrial animals:

Antimicrobial agents for therapeutic use: Dispensed through pharmacies supplied from authorized wholesalers

Feed additives: Coccidiostats

Fish farming:

Authorized feed mills are allowed to produce medicated feed prescribed by veterinarians and distribute the feed directly to fish farmers.



Two data sources:

Data reported to

Norwegian Food Safety Authority

- **Terrestrial animals:** Coccidiostats as feed additives
- **Fish farming:** Veterinarian prescriptions of antimicrobial agents and medicated feed

Norwegian Institute of Public Health

- **Terrestrial animals:** Sales data from wholesalers on veterinary antimicrobial agents for therapeutic use
- **Fish farming:** Data from wholesalers on antimicrobial agents for therapeutic use and medicated feed used in fish farming from feed mills



Norwegian Food Safety Authority

Veterinarians are obliged to report all prescriptions of Antimicrobial agents used in fish farming

Prescriptions include information on

- active substance
- amount prescribed
- fish species
- date of prescribing

Total sales per species can be obtained from this database



Terrestrial animals:

Sales of all veterinary drugs from wholesalers to pharmacies are reported to the Norwegian Institute of Public Health on a monthly basis.

Information including unique product identifier (Nordic pack number), product name, package size, strength, pharmaceutical form, ATCvet code and active substance is reported.

Drug register – example (veterinary)

Unique identifier	Brand name	Strength	Unit	Formulation	Package size	ATC code	Generic name
120105	Clamoxyl vet inj 150mg/ml	150mg/ml	ml	Inj.sol.	6x100	QJ01CA04	amoxicillin
438454	Synulox vet tab 200/50mg	200/50 mg	Blister pack	tablets	100	QJ01CR02	amoxicillin and enzyme inhibitor



Total sales data for veterinary agents include agents classified in QA07, QG01, QJ01 and QJ51

Fish farming:

Sales of antimicrobial agents from wholesalers and medicated feed from feed mills are reported annually.

Product name, active substance, package size, strength and pharmaceutical form is reported.

The NORM/NORM-VET report

Includes data on the total use of antimicrobial agents in animals and humans in Norway. The National Veterinary Institute is responsible for the chapter on veterinary drugs in this report.

Published annually, latest publication includes data for 2008.



Future developments: A new prescription database for veterinary drugs is planned.

The regulations for establishment of the database was approved by the Government in June 2009.

The database will be established and maintained by the Norwegian Food Safety Authority.

