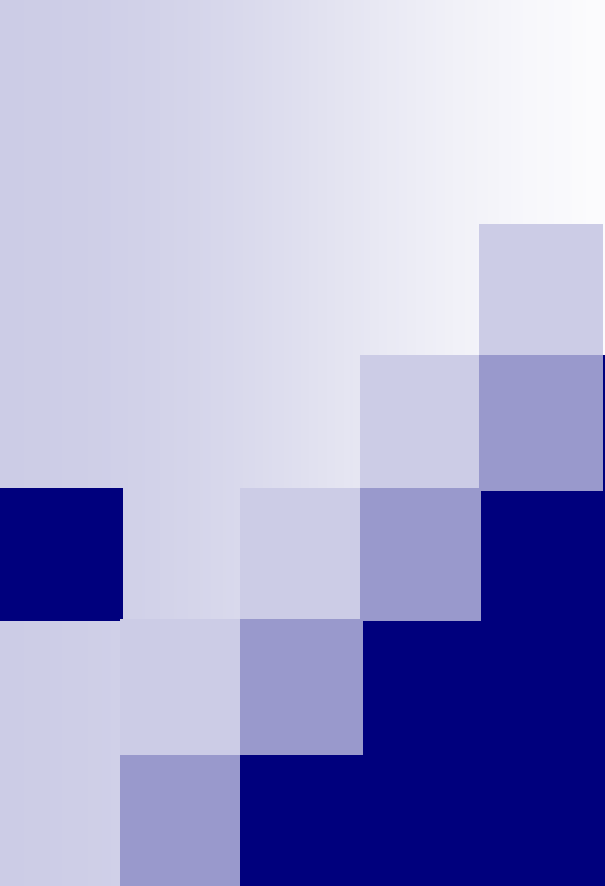




Results of HMA survey of collection of data on sales and use of AMs in Member States

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Basis for the survey

- Draft HMA Strategic Plan on Antimicrobial Issues



Objectives of the exercise

- This phase - to get the information on
 - the bodies in the MS responsible to collect data on sales / use of antimicrobial veterinary medicinal products
 - Contact points
 - The basic characteristics / description of the systems used
- More detailed (technical) discussions to follow
 - Autumn 2009
 - EMEA playing the leading role



Methodology

- Letter to HMA

- Circulated on 30 January 2009

- Simple questionnaire attached

- Contact details

- Basic characteristics of the system used



Overview of responses

- 27 EU + 3 EEA countries
- Responses received so far:
 - **25 / 30**
- Non-responding
 - **5 / 30**



Responsible bodies

Medicines authorities	Other authorities	Shared responsibilities
18 (25)	4 (25)	3 (25)



Status of data collection systems*

No system in place / in preparation	In place – for specific projects	Regular activity
9 (25)	2 (25)	14 (25)

* More detailed information needs to be collected from some Member States before conclusion can be made on the current status of the system in place



Austria

■ Data available

- starting now with a systematical collecting of data. As a first step collection only of data on use of antimicrobials licensed for use in cattle, pigs and poultry.

■ Data source

- Veterinary pharmaceutical companies

■ Stratification of data

- Classes of antimicrobials
- Route of administration (injection, oral, intramammary, local)
- Units sold (Number , packsize)

■ Other information

- <http://www.ages.at>
- <http://www.bmg.gv.at>

Belgium

- Data available:

- ☐ *It is **foreseen** that the Agency can ask to the wholesale-distributor in veterinary medicinal products for the distribution figures of the veterinary medicines marketed in Belgian for the 5 last year*

- Data source

- ☐ Wholesalers

- Stratification of data

- ☐ No details

- Other information

- ☐ *For the evaluation of the selection of resistance for certain classes of antimicrobials there is the Belgian Antibiotic Policy Coordination Committee (www.bapcoc.be)*

Czech Republic

- Data available
 - Since 2005 (2002)
- Data source
 - Wholesalers
 - Quaternary reporting - individual products – units sold
- Stratification of data
 - ATCvet
 - Route of administration (injection, oral, intramammary, MFs, local)
 - kgs of API
- Other information
 - Publicly available data – classes
 - Publication – annually – „Annual report of the ISCVMB“ (www.uskvbl.cz)

Danemark

■ Data available

- Since 1996 – significant development after full implementation of VetStat

■ Data source

- Veterinarians (linkage to the vets journal and billing system)
- Pharmacies
- Feed mills
- Other sources – for validation of the data – pharmaceutical companies, wholesalers, importers)

■ Stratification of data

- *animal species*
- *age*
- *diagnosis*
- herd, route of administration, ADD / ADDkg, ACD / ACDkg ...

■ Other information

- www.vet.dtu.dk
- <http://www.danmap.org/>



Estonia

- Data available

- ?

- Data source

- Pharmacies – Pharmacy statistics

- Wholesalers – Statistics on veterinary medicines

- Stratification of data

- ATC code

- Other product information (name, form, strenght)....

- Numver of packages sold

- Other information

- Further statistics can be made usin specialised software

- www.ravimiamet.ee/412



Finland

- Data available
 - Since 1995
- Data source
 - wholesalers
- Stratification of data
 - ATCvet Code
 - Total amount used
 - kgs of APIs
 - Use (Injectable products, Oral products, Intramammary products)
- Other information



France

- Data available
 - 1999
- Data source
 - Marketing authorisation holders (based on questionnaires)
 - Annual sales of units of each presentation of each authorised VMPs
 - Farm studies and investigations
 - Pigs
 - Poultry
- Stratification of data
 - Classes of antimicrobials
 - Route of administration
 - Weight (tons)
- Other information
 - estimation of use per species (epidemiological studies)
 - data on number of animals taken into account
 - www.anmv.afssa.fr
 - www.afssa.fr

Germany

- Data available
 - since 2003 - GERMAP
- Data source
 - Pharmaceutical companies
- Stratification of data
 - Classes of antimicrobials
 - Tons
 - Substance, species, route of administration, other product information (from 2010 on)
- Other information
 - „Veterinarpanel“ der Gesellschaft für Konsumforschung in Nürnberg (www.gfk.com)
 - New system to deliver additional data on use of antibiotics from 2010 on



Hungary

- Data available
- Data source
 - Wholesalers
 - Based on the circular letter sent out by the Agency annually in the second quarter
- Stratification of data
 - categorisation: anabolic, anti-infectious, antiparasitic, anti-inflammatory, hormonal, psychotropic, immunological, others.
 - Wholesalers have to give the name, the presentation and the quantity of the sold products.
- Other information
 - Data not publically available
 - Used mainly for preparation of the residue monitoring plan



Iceland

- Data available

- ☐ ?

- Data source

- ☐ ?

- Stratification of data

- ☐ ?

- Other information

- ☐ Data on sales

- Icelandig Medicines Control Agency

- ☐ Use in animals

- Icelandig Food and Veterinary Authority



Italy

- Data available

- ☐ ?

- ☐ ITAVARM

- Data source

- ☐ MAH – based on request

- Stratification of data

- ☐ Units sold

- ☐ Estimation of the number of treated animals

- Two major species at least (by MAH)



Netherlands

- Data available

- Since 2004 (1990 -) - MARAN

- Data source

- Manufacturers / wholesalers of veterinary medicinal products
 - *Dutch association of the vet pharm industry (FIDIN)*
 - Random samples of farms to define the pattern of use

- Stratification of data

- Species (pigs, poultry, lactating cows, veal calves)
 - *Total consumption (tons)*
 - *Total antibiotic usage (mg) per kg liveweight production*
 - *the number of daily dosages per animal year (dd / ay)*

- Other information

- <http://www.lei.wur.nl/UK>

Norway

- Data available
 - Since 1999 – Norm-Vet
- Data source
 - Wholesalers
 - Feed mills
 - Veterinary prescriptions for fish
- Stratification of data
 - ATCvet
 - Route of administration (*peroral: herd and individual, injection, intramammary, uterine*)
 - kgs of APIs
 - More details for fish (species,
- Other information
 - <http://www.fhi.no/>
 - *Authority is currently working on the implementation of a specific electronic register for veterinary medicines and prescriptions*



Portugal

- Data available
 - In preparation
- Data source
 - MAHs
- Stratification of data
 - Information on individual products
 - kgs of APIs



Slovakia

- Data available
 - Since 2005
- Data source
 - Wholesalers
 - Quaternary reporting - individual products – units sold
- Stratification of data
 - ATCvet
 - Route of administration (injection, oral, intramammary, MFs, local)
 - kgs of API
- Other information
 - Publicly available data – classes



Sweden

- Data available
 - Since 1980
 - New system since 2003
- Data source
 - Apoteket AB
 - Fiskhälsan FH AB (Fish Health Control Program)
- Stratification of data
 - ATCvet codes
 - Species
 - Use (systemic, *intramammary and obstetric use, and intestinal anti-infective*)
 - kgs of APIs
- Other information
 - www.sjv.se
 - www.fiskhalsan.se



United Kingdom

- Data available
 - 1998 – based on voluntary basis
 - Since 2005 – statutory requirement
- Data source
 - Veterinary pharmaceutical companies
- Stratification of data
 - Classes
 - Routes of administration
 - Tons of APIs
 - Species
 - Animal production compared to sales figures
- Other information



Future development

- Need for close co-ordination of activities between MSs and EMEA
 - Initial co-ordination meeting
 - HMAv / EMEA / stakeholders
- Scientific / technical discussion to follow
 - Definition of the scope / format of the data



Thank you for your attention !