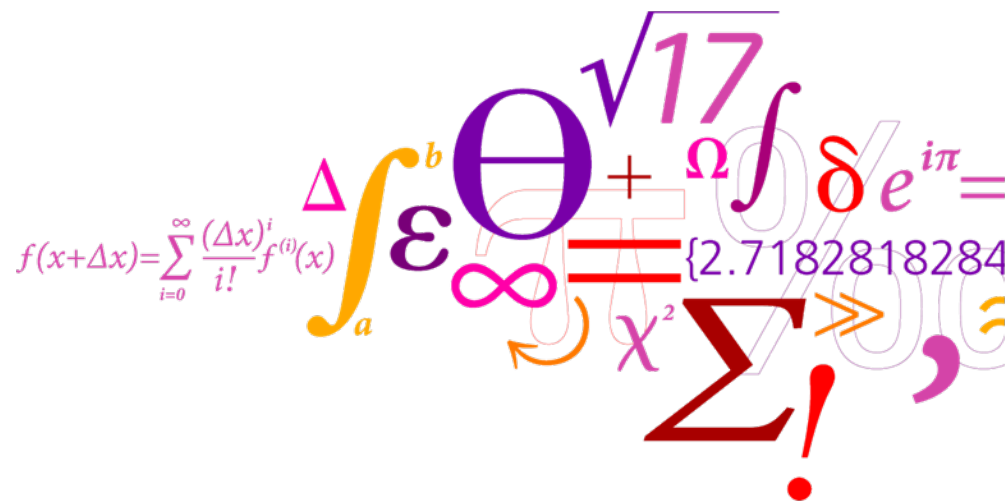


VETSTAT

MONITORING USAGE OF ANTIMICROBIALS IN ANIMALS



- **Background**
- **Marked**
- **Budget**
- **Data flow**
- **Data Quality**
- **Advantage/disadvantage**
- **Acceptance**
- **Graphs**

Background

- The 'Antimicrobial Threat' conference in Copenhagen

1998 recommended that EU member states should

implement monitoring of antimicrobial usage in

addition to resistance monitoring

Vetstat - the vision

- **To minimise consumption and to optimise usage of antibiotics and other medicines in Danish farm animals**

The objectives for Vetstat

- **VETERINARIANS**
 - To provide veterinarians with an improved basis for advising farmers

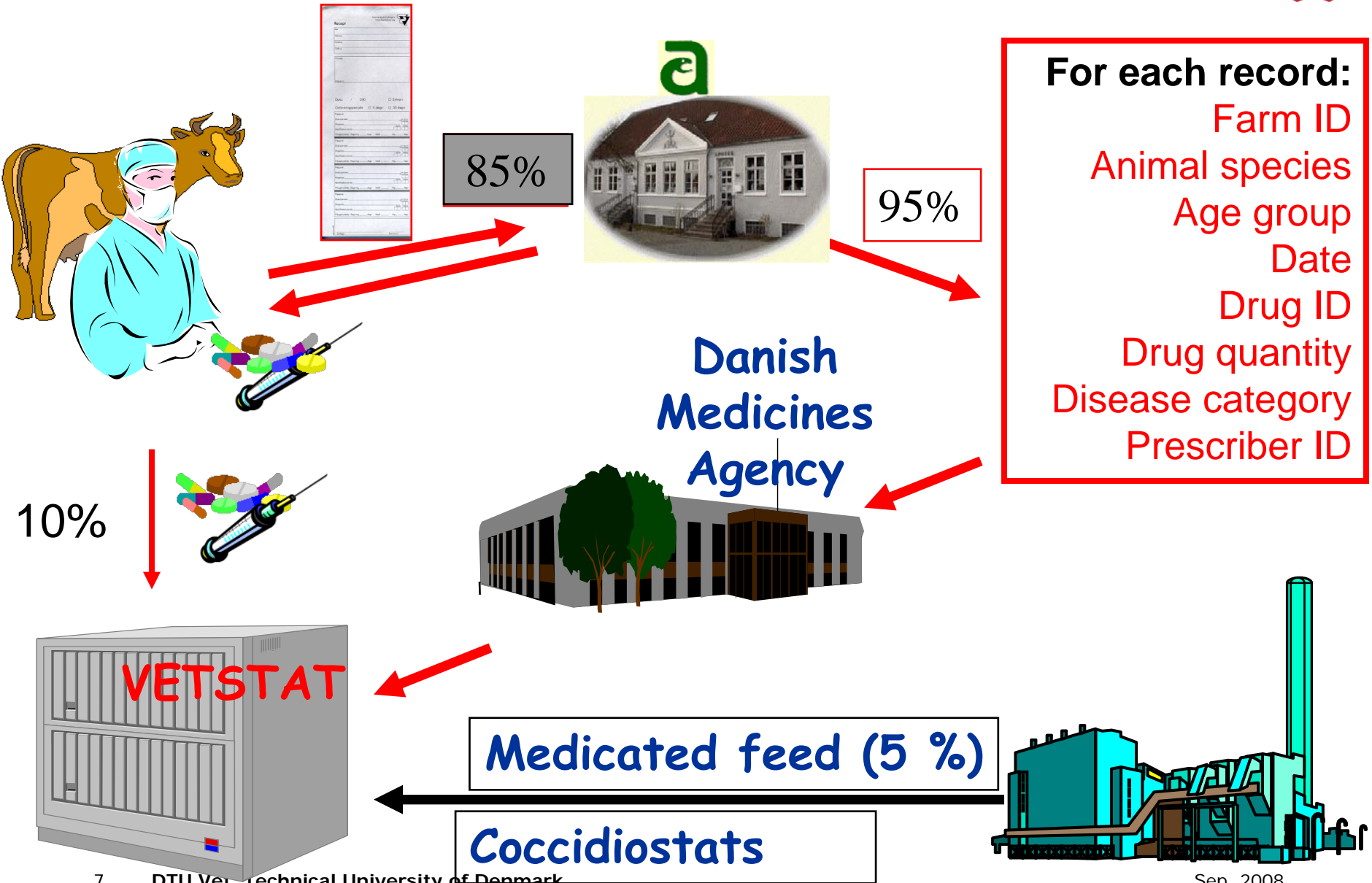
- **AUTHORITIES**
 - To provide transparency in relation to authorities

- **LABORATORIUM**
 - To provide detailed data for research purposes

The Danish veterinarian marked

- **On prescription only**
- **Pharmacy monopoly system**
- **Liberalisation - Free prices**
- **Agreement between farmer and veterinarian**
- **Yearly report**

VetStat - data input



ADVANTAGE

- **SHOWS TOTAL CONSUMPTION**
- **MOTIVATING FACTOR FOR THE FARMER**
- **EFFECTIVE TOOL FOR THE VETERINARIANS**
- **RESEARCH**
- **INFLUENCE THE PRESCRIPTION PATTERN**
- **CONTROL (VETERINARIAN, FARMER, ENVIROMENT)**

DISADVANTAGE

- **ECONOMI?**

- **TIMECONSUMING?**

AGREEMENTS

Antibiotikaopgørelse

Resultatet vises for et antal perioder bagud regnet fra den valgte måned. Gennemsnitstal er løbende over de seneste 12 måneder.

År:

 Måned:

 Rapporteringsperiode:

 CHR-nr:

 Aut.nr.:

Vis dyrlægens sundhedsrådgivningsaftaler

Besætningsrådgivningsaftaler for autorisationsnr. 519

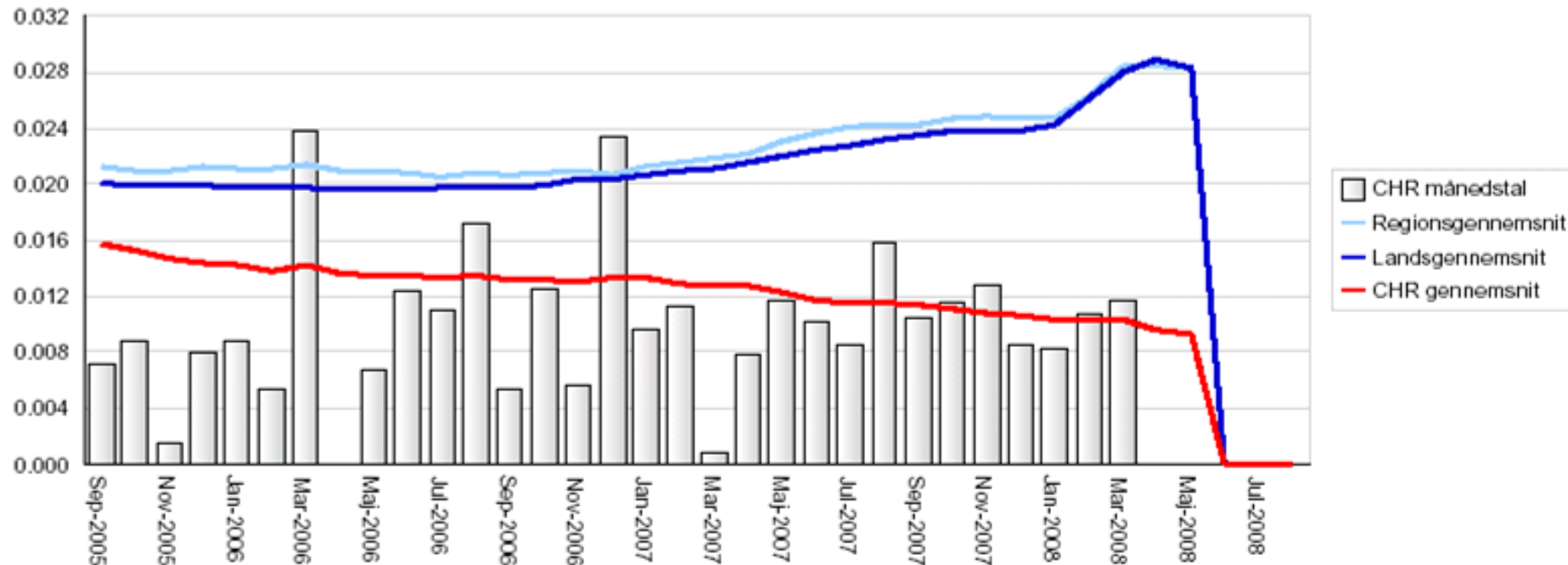
| Valg | CHR-nr. | Dyreart | Adresse | Bruger |
|--------------------------|---------|-----------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | 17294 | 15 - Svin | Stevning Gade 32, 6430 Nordborg | Finn Voss |
| <input type="checkbox"/> | 18240 | 15 - Svin | Lille Mommarkvej 35, 6470 Sydals | Jens Jensen |
| <input type="checkbox"/> | 20238 | 15 - Svin | Skovbyvej 1, 6470 Sydals | Bjarne Iversen |
| <input type="checkbox"/> | 20300 | 15 - Svin | Hagensig 10, 6470 Sydals | Hans Jørgen Hansen |
| <input type="checkbox"/> | 20306 | 15 - Svin | Hagensig 7, 6470 Sydals | Jens Chr. Lassen |
| <input type="checkbox"/> | 20923 | 15 - Svin | Rubæk 10, 6470 Sydals | Høeghfangel Landbrug I/S |
| <input type="checkbox"/> | 21915 | 15 - Svin | Havnbjergvej 13 A, 6430 Nordborg | Hanne & Kresten Krenzen |
| <input type="checkbox"/> | 22514 | 15 - Svin | Storemarksvej 11, 6440 Augustenborg | Tage Petersen |
| <input type="checkbox"/> | 23492 | 15 - Svin | Mintebjergvej 25, 6470 Sydals | Jacob Bladt |
| <input type="checkbox"/> | 23577 | 15 - Svin | Ertebjergvej 16, 6470 Sydals | Claus Wehl |
| <input type="checkbox"/> | 24929 | 15 - Svin | Hellesøvej 35, 6430 Nordborg | Erik Krogh Sørensen |

Fundet 76 aftaler

Årsopgørelse 01/09/2005 til 31/08/2008

CHR-nr. : 19421
 Adresse og bruger : Nymarkvej 8, 5500 Middelfart, GAMBORG
 Dyreart : 15 - Svin
 Aldersgruppe : 55 - Avlsdyr - polte - pattegrise (200 kg lgv.)
 Region : Fødevareregion Fyn

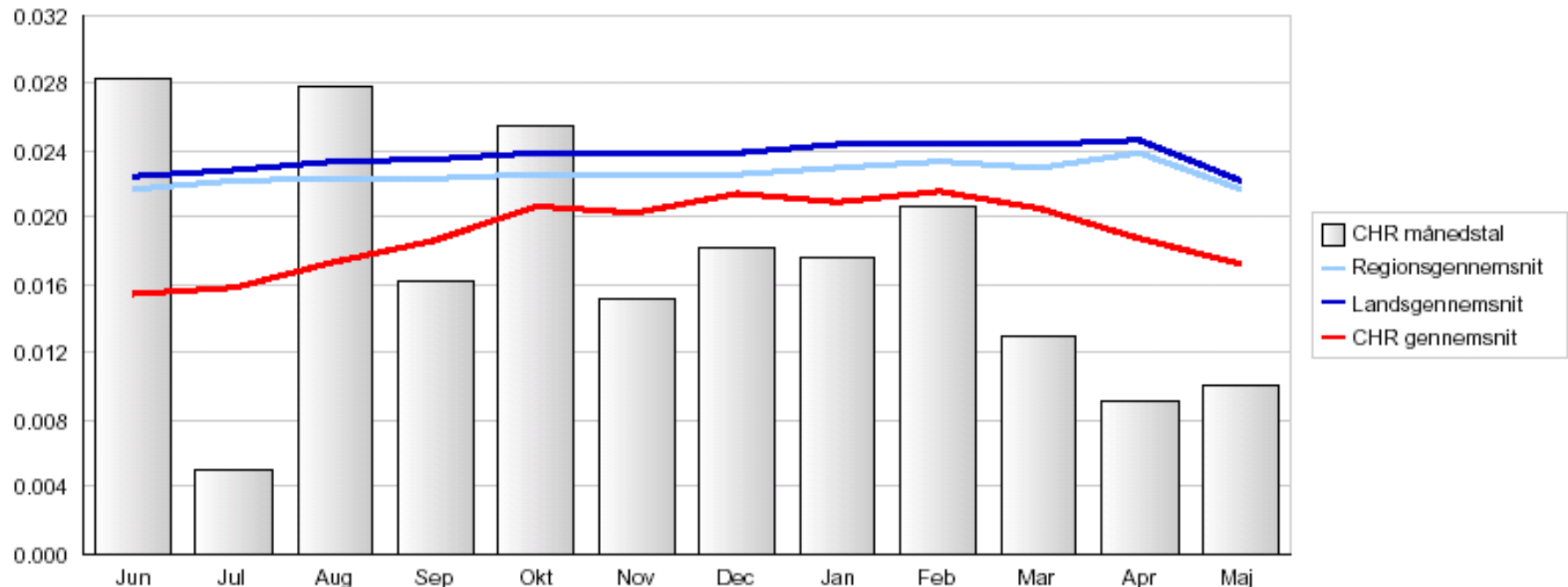
Doser per dyr per dag



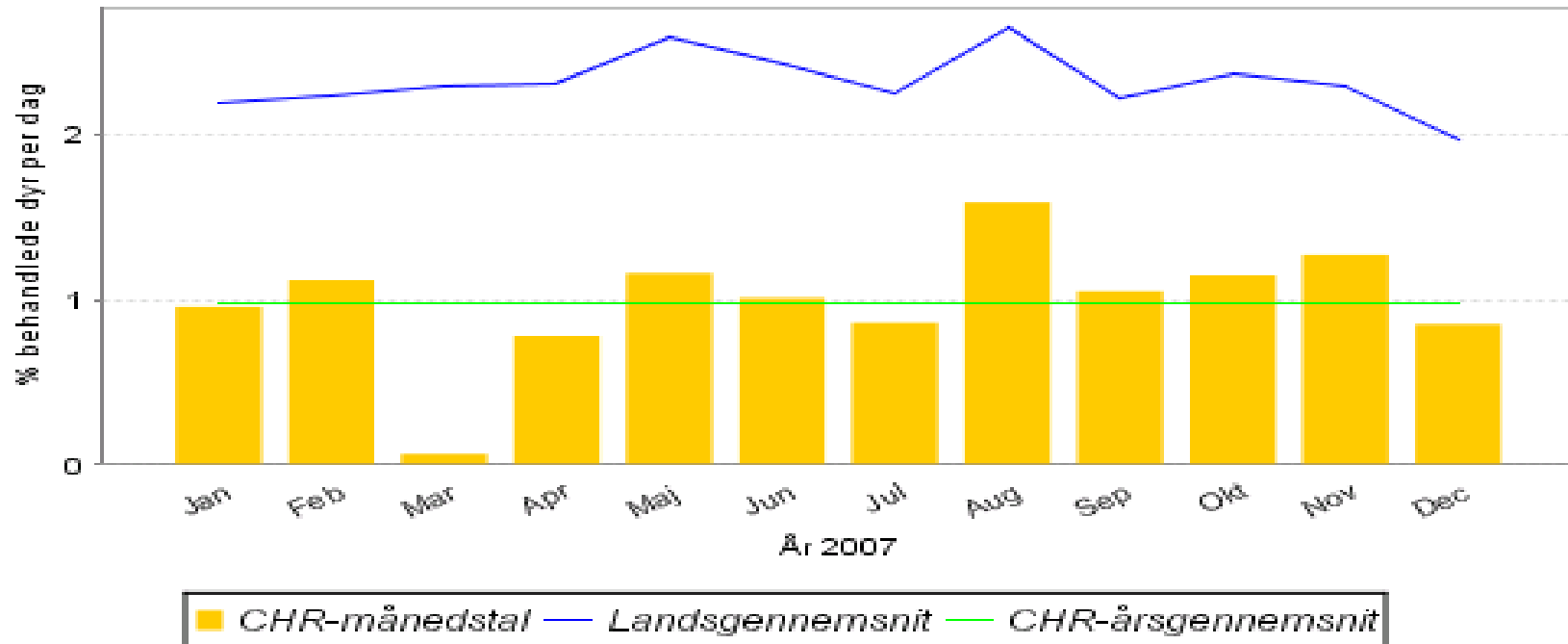
Årsopgørelse 01/06/2007 til 01/05/2008

CHR-nr. : 10366
 Adresse og bruger : Låsbyvej 40, 8660 Skanderborg, Kristian Lauridsen
 Dyreart : 15 - Svin
 Aldersgruppe : 55 - Avlsdyr - polte - pattegrise (200 kg lgv.)
 Region : Fødevareregion Århus

Doser per dyr per dag



Consumption pr month



rapporten er genereret med søgeparametrene.

r: 2007
 CHR-nr: 19421
 dyreart: 15 - Svin
 Aldersgruppe: 55 - Avlsdyr - polte - pattegrise (200 kg lgv.)

ATC distribution

Tallene angiver procent behandlede dyr pr. måned:

| ATC-undergruppe | Jan | Feb | Mar | Apr | Maj | Jun | Jul | Aug | Sep | Okt | Nov | Dec |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| QA07AA - Aminoglycosider til lokal GI beh. | | | | | | | | | | 0,5 | | 0,5 |
| QC07 - | | | | | | | | | | | | 6 |
| QD06 - | | | 23 | | | | | | | | | |
| QH01 - Hypofysehormoner | 28 | | | | 28 | 28 | | 57 | | | 11 | 28 |
| QI09 - Vacciner/sera - Svin | 249 | 318 | 165 | 80 | 256 | 250 | 114 | 136 | 182 | 148 | 159 | 193 |
| QJ01A+J01A - Tetracykliner | | 15 | | 12 | 30 | 3 | 15 | 15 | 3 | 14 | 8 | |
| QJ01CA+J01CA - Penicilliner m. udvidet spektrum | 6 | 12 | 2 | 11 | 6 | 21 | | 16 | 10 | 9 | 8 | 6 |
| QJ01CE+J01CE - Simple penicilliner | 11 | 5 | | | | 7 | 11 | 18 | 18 | 11 | 14 | 7 |
| QJ01E+J01E - Sulfonamider/Trimethoprim | 13 | | | | | | | | | 1 | 9 | 9 |
| QJ01F+J01F - Makrolider og lincosamider | | | | | | | | | | | | 5 |
| QM - Muskel og skelet | 24 | | 2 | | | 5 | 11 | 9 | 17 | 6 | 11 | 11 |
| QP - Antiparasitære midler | 91 | 3 | 1 | 3 | 1 | 0,7 | 3 | 3 | 4 | | 3 | 3 |
| <i>Gennemsnitligt antal dyr for måneden</i> | <i>452</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> | <i>440</i> |

Gennemsnitligt antal dyr for året: 441

Søgningen er foretaget med følgende parametre:

År: 2007
 CHR-nr.: 19421
 Dyreart: 15 - Svin
 Aldersgruppe: 55 - Avlsdyr - polte - pattegrise (200 kg lgv.)

Disease

Ordinationsfordeling

Tallene angiver procent dyr behandlet pr. måned:

| Ordinationsgruppe | Jan | Feb | Mar | Apr | Maj | Jun | Jul | Aug | Sep | Okt | Nov | Dec |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 12 - Gastrointestinale lidelser | | | | 7 | | 8 | | 9 | 2 | | | |
| 14 - Led - lemmer - klove - centralnervesystem - hud | 6 | 12 | 2 | 5 | 6 | 13 | | 7 | 8 | 9 | 8 | 6 |
| <i>Gennemsnitligt antal dyr for måneden</i> | 452 | 440 | 440 | 440 | 440 | 440 | 440 | 440 | 440 | 440 | 440 | 440 |

Gennemsnitligt antal dyr for året: 441

Søgningen er foretaget med følgende parametre:

År: 2007
 CHR-nr.: 19421
 Dyreart: 15 - Svin
 Aldersgruppe: 55 - Avlsdyr - polte - pattegrise (200 kg lgv.)
 ATC-undergruppe: QJ01CA+J01CA - Penicilliner m. udvidet spektrum

Udprintet d. 01-09-2008

Productlist

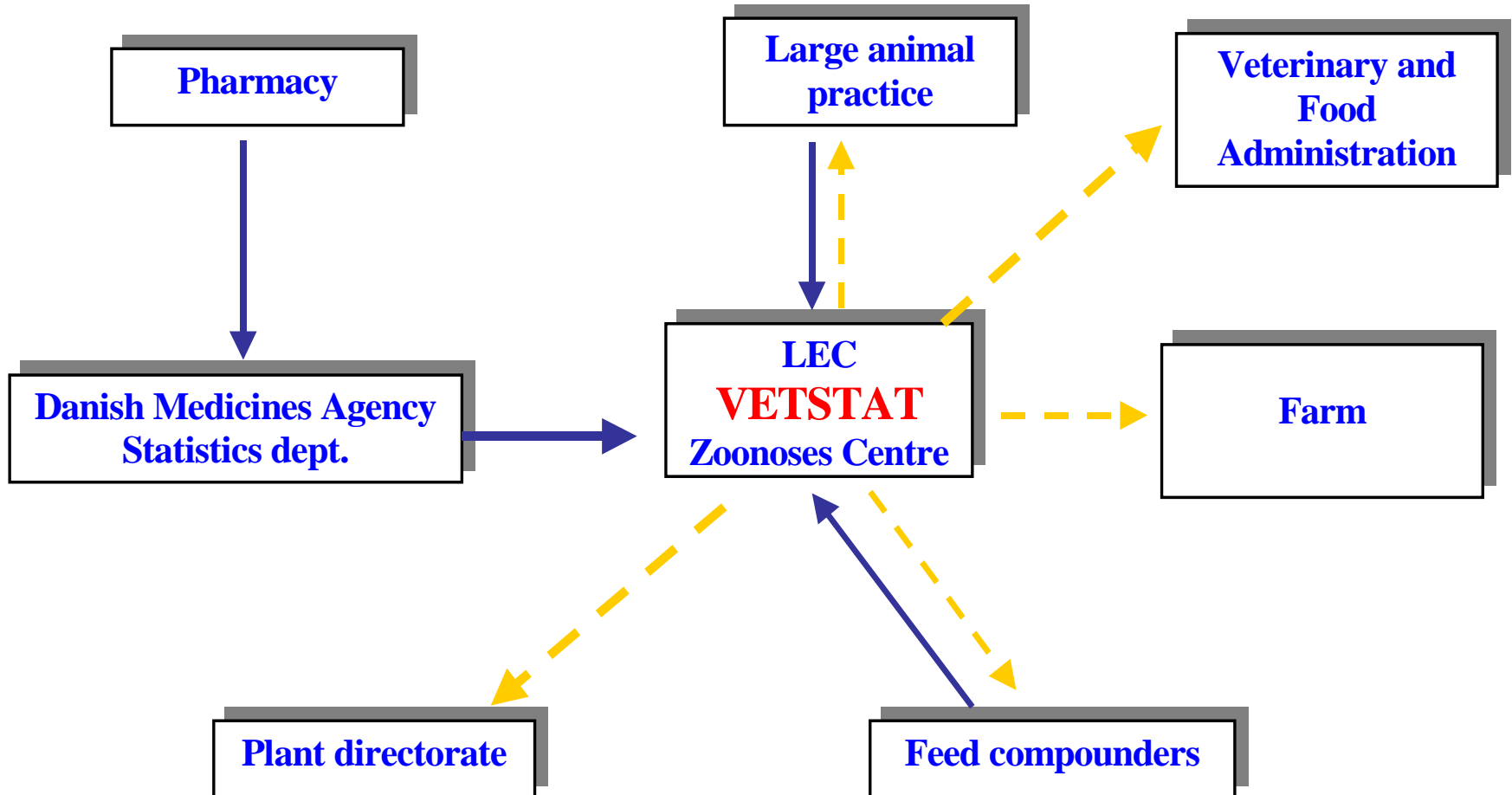
Udprintet d. 01-09-2008

| CHR-nr. | Udl.dato | Præparat | Styrke | Disp.form | Mængde | Enhed | Dyreart | Ald.grp | Ord.grp | Aut.nr | Varenr | Kilde |
|---------|----------|--------------------|-----------|-----------|--------|-------|---------|---------|---------|--------|--------|--------|
| 19421 | 07-01-10 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 500 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-02-13 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 500 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-02-14 | CURAMOX VET. | 150 mg/ml | inj. | 400 | ml | 15 | 55 | 14 | - | 458023 | Apotek |
| 19421 | 07-03-12 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 200 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-04-04 | NOROBRIITIN VET. | 150 mg/ml | inj. | 600 | ml | 15 | 55 | 12 | - | 013821 | Apotek |
| 19421 | 07-04-16 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 400 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-05-08 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 500 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-06-07 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 600 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-06-07 | CURAMOX PRO. VET. | 150 mg/ml | inj. | 500 | ml | 15 | 55 | 14 | - | 473587 | Apotek |
| 19421 | 07-06-07 | NOROBRIITIN VET. | 150 mg/ml | inj. | 700 | ml | 15 | 55 | 12 | - | 013821 | Apotek |
| 19421 | 07-08-07 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 600 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-08-07 | NOROBRIITIN VET. | 150 mg/ml | inj. | 800 | ml | 15 | 55 | 12 | - | 013821 | Apotek |
| 19421 | 07-09-11 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 600 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-09-11 | CURAMOX PRO. VET. | 150 mg/ml | inj. | 100 | ml | 15 | 55 | 14 | - | 487918 | Apotek |
| 19421 | 07-09-11 | NOROBRIITIN VET. | 150 mg/ml | inj. | 200 | ml | 15 | 55 | 12 | - | 013821 | Apotek |
| 19421 | 07-10-12 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 500 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-10-12 | CURAMOX PRO. VET. | 150 mg/ml | inj. | 300 | ml | 15 | 55 | 14 | - | 487918 | Apotek |
| 19421 | 07-11-12 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 500 | ml | 15 | 55 | 14 | - | 403253 | Apotek |
| 19421 | 07-11-12 | CURAMOX PRO. VET. | 150 mg/ml | inj. | 200 | ml | 15 | 55 | 14 | - | 487918 | Apotek |
| 19421 | 07-12-07 | CLAMOXYL PRO. VET. | 150 mg/ml | inj. | 500 | ml | 15 | 55 | 14 | - | 403253 | Apotek |

Animal Daily Dosis (ADD)

- It is the average dosis given to a specific animal species on one day.
 - Therefore it is to be considered as an statistic figure, rather than an absolut dosis.
 - It is a valuble tool whenever you follow a trend in consumption, or compare uses at different farms

VETSTAT - data flow



Budget



- **2 mill euro to establish**

300 000 euro to run