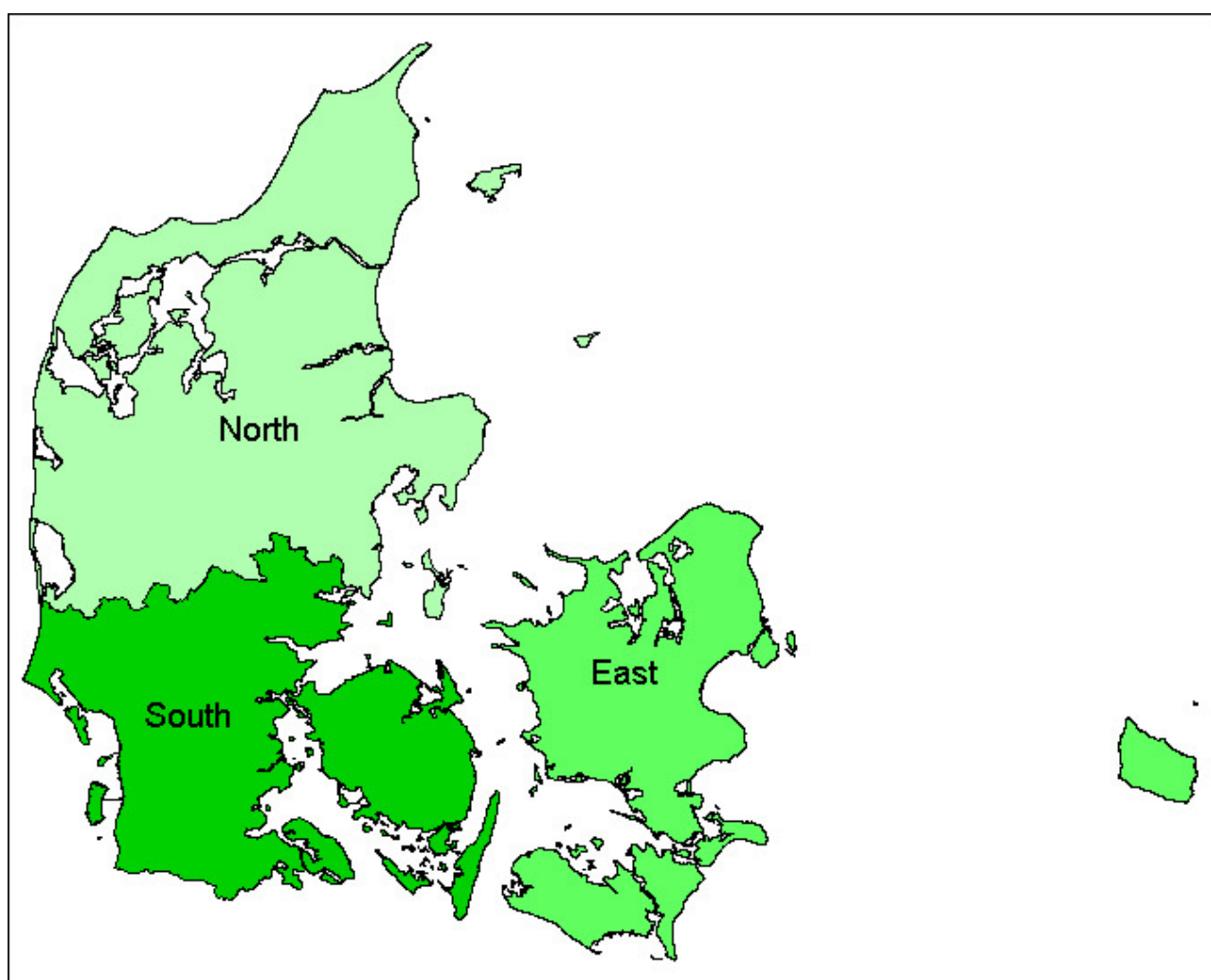




# Denmark

## Monthly Animal Health Report

November 2009



**Ministry of Food, Agriculture and Fisheries**

Danish Veterinary and Food Administration

# Provisional Animal Health Status in Denmark in 2009 (November)

The animal health status in Denmark for diseases that is notifiable in Denmark.

**Code:** All codes refer to the OIE disease code numbers.

|                                  | Code          | Name of disease                                | Occurrence      |
|----------------------------------|---------------|--|-----------------|
| <b>Multiple species diseases</b> | A010          | Foot and mouth disease                         | 1983            |
|                                  | A020          | Vesicular stomatitis                           | 0000            |
|                                  | A040          | Rinderpest                                     | 1782            |
|                                  | A080          | Rift Valley fever                              | 0000            |
|                                  | A090          | Bluetongue                                     | 11/2008         |
|                                  | B051          | Anthrax  | 1988            |
|                                  | B052          | Aujeszky's disease                             | 1991            |
|                                  | B053          | Echinococcosis / hydatidosis                   | 1996            |
|                                  | B056          | Leptospirosis                                  | + <sup>1)</sup> |
|                                  | B057          | Q fever  | +               |
|                                  | B058          | Rabies   | +               |
|                                  | B062          | Trichinellosis                                 | 1930            |
|                                  | B212          | Japanese encephalitis                          | 0000            |
|                                  | N002          | West Nile fever                                | 0000            |
|                                  | N103          | Brucellosis ( <i>Brucella abortus</i> )        | 1962            |
|                                  | N152          | Brucellosis ( <i>Brucella melitensis</i> )     | 0000            |
|                                  | N253          | Brucellosis ( <i>Brucella suis</i> )           | 2002            |
|                                  | B352          | Tularaemia                                     | 0000            |
|                                  | *             | Epizootic hemorrhagic disease in deer          | 0000            |
|                                  | -             | Chronic wasting disease                        | 0000            |
| -                                | Salmonellosis | + <sup>2)</sup>                                |                 |
| <b>Cattle diseases</b>           | A060          | Contagious bovine pleuropneumonia              | 1886            |
|                                  | A070          | Lumpy skin disease                             | 0000            |
|                                  | B105          | Bovine tuberculosis                            | 1994            |
|                                  | B108          | Enzootic bovine leucosis                       | 1990            |
|                                  | B110          | Infectious bovine rhinotracheitis (IBR/IPV)    | 2005            |
|                                  | B115          | Bovine spongiform encephalopathy               | +               |
|                                  | N117          | Bovine virus diarrhea                          | 08/2008         |
| <b>Sheep and goat diseases</b>   | A050          | Peste des petits ruminants                     | 0000            |
|                                  | A100          | Sheep pox and goat pox                         | 1879            |
|                                  | B151          | Ovine epididymitis ( <i>Brucella ovis</i> )    | 0000            |
|                                  | B153          | Caprine arthritis/encephalitis                 | + <sup>3)</sup> |
|                                  | B160          | Scrapie  | 01/2008         |
|                                  | B161          | Maedi-visna                                    | + <sup>3)</sup> |
| <b>Equine diseases</b>           | A110          | African horse sickness                         | 0000            |
|                                  | B201          | Contagious equine metritis                     | 2003            |
|                                  | B202          | Dourine  | 0000            |
|                                  | B204          | Equine encephalomyelitis (Eastern and Western) | 0000            |
|                                  | B205          | Equine infectious anaemia                      | 1928            |
|                                  | B209          | Glanders                                       | 1928            |
|                                  | B211          | Equine viral arteritis                         | ?               |
|                                  | B216          | Venezuelan equine encephalomyelitis            | 0000            |

1) Leptospirosis has a low sporadic occurrence in Denmark. (Outbreaks of the disease will not be included in the table on page 4)

2) Salmonellosis has a low sporadic occurrence in Denmark. (Outbreaks of the disease will not be included in the table on page 4)

3) Caprine arthritis/encephalitis and Maedi-visna are subjects for the voluntary control program for lentivirus (Outbreaks of these diseases will not be included in the table on page 4).

## Definitions of the "occurrence" codes:

0000 Disease never reported

month/year Last reported occurrence of the disease

- Disease not reported (date of last outbreak unknown)

? Disease suspected but presence not confirmed

+ Disease reported present or known to be present

() Disease limited to specific zones [e.g. + ()]

# Provisional Animal Health Status in Denmark in 2009 (November)

The animal health status in Denmark for diseases that is notifiable in Denmark.

**Code:** All codes refer to the OIE disease code numbers.

|                            | Code | Name of disease   | Occurrence      |
|----------------------------|------|---|-----------------|
| <b>Swine diseases</b>      | A030 | Swine vesicular disease                                 | 0000            |
|                            | A120 | African swine fever                                     | 0000            |
|                            | A130 | Classical swine fever                                   | 1933            |
|                            | B252 | Porcine cysticercosis                                   | -               |
|                            | B254 | Transmissible gastroenteritis                           | 0000            |
|                            | B257 | Porcine reproductive and respiratory syndrome (PRRS)    | + <sup>4)</sup> |
|                            | N258 | Nipah virus encephalitis                                | 0000            |
|                            | -    | Enterovirus encephalomyelitis                           | 0000            |
| <b>Poultry diseases</b>    | A150 | Highly pathogenic avian influenza in poultry            | 2006            |
|                            | A150 | Highly pathogenic avian influenza in wild birds         | 2006            |
|                            | A150 | Low pathogenic avian influenza in poultry               | 04/2008         |
|                            | A160 | Newcastle disease                                       | 2005            |
|                            | B302 | Avian infectious laryngotracheitis                      | +               |
|                            | B306 | Fowl cholera  | 01/2008         |
|                            | B308 | Fowl typhoid  | 2002            |
|                            | B311 | Avian mycoplasmosis ( <i>M. gallisepticum</i> )         | 1967            |
|                            | B312 | Avian chlamydiosis                                      | +               |
|                            | B313 | Pullorum disease  | +               |
|                            | -    | <i>Mycoplasma melagridis</i>                            | -               |
| <b>Fur animal diseases</b> | B351 | Myxomatosis   | 2007            |
|                            | B353 | Rabbit haemorrhagic disease                             | 1990            |
|                            | -    | Distemper in fur animals                                | 2007            |
|                            | -    | Plasmacytosis in fur animals                            | +               |
| <b>Fish diseases</b>       | B401 | Viral haemorrhagic septicaemia                          | + ( )           |
|                            | B404 | Spring viraemia of carp                                 | 2003            |
|                            | B405 | Infectious haematopoietic necrosis                      | 0000            |
|                            | B413 | Epizootic haematopoietic necrosis                       | 0000            |
|                            | N403 | Infectious salmon anaemia                               | 0000            |
|                            | N404 | Epizootic ulcerative syndrome                           | 0000            |
|                            | N462 | Koi herpesvirus disease                                 | 09/2008         |
|                            | -    | Infectious pancreatic necrosis                          | + <sup>5)</sup> |
|                            | -    | Bacterial kidney disease                                | 2006            |
| <b>Mollusc diseases</b>    | N431 | Infection with <i>Bonamia ostreae</i>                   | 0000            |
|                            | N432 | Infection with <i>Bonamia exitiosa</i>                  | 0000            |
|                            | N434 | Infection with <i>Marteilia refringens</i>              | 0000            |
|                            | N436 | Infection with <i>Perkinsus marinus</i>                 | 0000            |
|                            | N460 | Infection with <i>Perkinsus olseni</i>                  | 0000            |
|                            | -    | Infection with <i>Microcytos mackini</i>                | 0000            |
| <b>Crustacean diseases</b> | B445 | Taura syndrome  | -               |
|                            | B446 | White spot disease                                      | -               |
|                            | B447 | Yellowhead disease                                      | -               |
|                            | *    | Infection with <i>Batrachochytrium dendrobatidis</i>    | 0000            |
|                            | *    | Infection with ranavirus                                | 08/2008         |
| <b>Bee diseases</b>        | B451 | Acarapisosis of honey bees                              | 04/2008         |
|                            | B452 | American foulbrood                                      | +               |
|                            | B453 | European foulbrood                                      | 2005            |
|                            | N456 | <i>Tropilaelaps</i> infestation of honey bees           | 0000            |
|                            | N457 | Small hive beetle infestation ( <i>Aethina tumida</i> ) | 0000            |

4) PRRS has an endemic occurrence in Denmark. (Outbreaks of the disease will not be included in the table on page 4)

5) Infectious pancreatic necrosis (IPN) has a widespread occurrence in Denmark, but approximately 50 fish farms are officially certified as IPN-free aquaculture establishment. (Outbreaks of the disease will not be included in the table on page 4)

## Number of outbreaks in November 2009

The table presents outbreaks of diseases, which are notifiable in Denmark (except the diseases leptospirosis, salmonellosis, caprine arthritis/encephalitis, maedi-visna, PRRS and infectious pancreatic necrosis). In the table is an outbreak per definition one infected herd/flock.

| Code Disease name                |                                    | Regional Veterinary and Food Administration<br>(cf. the map on page 1) |       |      | Monthly total | Cumulative total for 2009 |
|----------------------------------|------------------------------------|--|-------|------|---------------|---------------------------|
|                                  |                                    | North  | South | East |               |                           |
| <b>Multiple species diseases</b> |                                    |  |       |      |               |                           |
| B057                             | Q fever                            |  | 1     |      | 1             | 1                         |
| B058                             | Rabies <sup>1)</sup>               |  |       |      | 0             | 1                         |
| <b>Cattle diseases</b>           |                                    |  |       |      |               |                           |
| B115                             | Bovine spongiform encephalopathy   |  | 1     |      | 1             | 1                         |
| <b>Sheep and goat diseases</b>   |                                    |  |       |      |               |                           |
|                                  |                                    |  |       |      |               |                           |
| <b>Equine diseases</b>           |                                    |  |       |      |               |                           |
|                                  |                                    |  |       |      |               |                           |
| <b>Swine diseases</b>            |                                    |  |       |      |               |                           |
|                                  |                                    |  |       |      |               |                           |
| <b>Poultry diseases</b>          |                                    |  |       |      |               |                           |
| B302                             | Avian infectious laryngotracheitis |  |       |      | 0             | 4                         |
| B312                             | Avian chlamydiosis                 |  |       |      | 0             | 8                         |
| B313                             | Pullorum disease                   |  |       |      | 0             | 2                         |
| <b>Fur animal diseases</b>       |                                    |  |       |      |               |                           |
| -                                | Plasmacytosis in fur animals       |  |       |      | 0             | 32                        |
| <b>Fish diseases</b>             |                                    |  |       |      |               |                           |
| B401                             | Viral haemorrhagic septicaemia     |  |       |      | 0             | 1                         |
| <b>Mollusc diseases</b>          |                                    |  |       |      |               |                           |
|                                  |                                    |  |       |      |               |                           |
| <b>Crustacean diseases</b>       |                                    |  |       |      |               |                           |
|                                  |                                    |  |       |      |               |                           |
| <b>Bee diseases</b>              |                                    |  |       |      |               |                           |
| B452                             | American foulbrood                 |  |       |      | 0             | 38                        |

1) European bat lyssavirus in a wild bat, sylvatic rabies has not been recorded in Denmark since 1982.

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ISSN 09802-6355