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Subject: PRO/AH/EDR> COVID-19 update (414): animal, Netherlands (LI), Denmark (ND), farm mink, spread

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CORONAVIRUS DISEASE 2019 UPDATE (414): ANIMAL, NETHERLANDS (LIMBURG), DENMARK (NORTH JUTLAND), FARMED MINK, SPREAD

A ProMED-mail post

<http://www.promedmail.org>

ProMED-mail is a program of the

International Society for Infectious Diseases

<http://www.isid.org>

In this update:

[1] Netherlands (Limburg): 57th mink farm infected

[2] Denmark (North Jutland): 25th mink farm infected

[1] Netherlands (Limburg): 57th mink farm infected

Date: Fri 25 Sep 2020 07:00 CEST

Source: News, Dutch government's website [in Dutch, trans. Mod.AS, edited]

<https://www.rijksoverheid.nl/actueel/nieuws/2020/09/25/nieuwe-besmetting-covid-19-bij-nertsenbedrijf>

At a mink farm in Meijel (municipality of Peel en Maas) an infection with SARS-CoV-2 has been established. The company has approximately 10 000 parent animals. The contamination came to light from the "early warning", the monitoring system in which animals are tested for the virus every week. The company will be cleared as soon as possible.

A total of 57 mink farms in the Netherlands have now been declared infected.

For more information, see the last letter to the House of Representatives about SARS-CoV-2 in mink
[<https://tinyurl.com/y3j5rm4o>].

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[Meijel is situated in Netherland's southeastern province of Limburg, adjacent to the demarcation line with North Brabant province, where most of the COVID-19 outbreaks in minks have been recorded; see map at <https://tinyurl.com/y5ke66yk>.

The total number of infected Dutch mink farms as of last Friday (18 Sep 2020) was 54 (20200918.7794239); the spread of SARS-CoV-2 into Netherlands' mink farms continues despite the tightening of control measures. Out of Netherlands' total of (about) 120 mink farms, 57 have already been found infected. The mechanism of the continued circulation of the virus in mink is yet to be explained.

According to a government decision supported by the parliament, mink farming is to be discontinued in the Netherlands in spring 2021. - Mod.AS]

[2] Denmark (North Jutland): 25th mink farm infected

Date: Fri 25 Sep 2020 [accessed]

Source: Danish Veterinary and Food Administration (DVFA) -- Map of study for COVID-19 in mink [in Danish, machine trans., edited]

<https://www.foedevarestyrelsen.dk/Leksikon/Sider/Kort-over-screening-af-COVID-19-i-mink.aspx>

[The map and table, continuously updated, showed the following data when accessed]:

In total, 25 mink holdings have been found infected with COVID-19 out of the country's total of 1136 holdings, as of Friday [25 Sep 2020].

The infected holdings were found in 2 communities in North Jutland:

- Hjørring: 22 infected holdings out of 65 [the number, as of Fri 18 Sep 2020, was 17]
- Frederikshavn: 3 infected holdings out of 51 [unchanged].

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[Denmark is the world's largest producer of mink skins. Since July 2020, the Danish Veterinary and Food Administration (DVFA) has monitored Denmark's 1136 mink farms for the presence of the coronavirus disease (COVID-19). With a monitoring strategy and the stricter restrictions for infected mink farms, the DVFA and the Danish health authorities assessed that it is justifiable to let infected herds live because the risk of spreading infection to humans is minimal. Since 16 Sep 2020, the DVFA no longer issues press releases on individual findings of COVID-19 on Danish mink farms. Instead, herds with confirmed infections are identified on the DVFA's website in a continuously updated map and table.

COVID-19 in farmed minks has also been reported to the OIE from Spain

(https://www.oie.int/fileadmin/Home/MM/Informe_visiones_OIE_16.07.20_.pdf, one outbreak) and from the USA, where the first 2 outbreaks reportedly started, in Utah, on 26 Jul and 2 Aug 2020, respectively; report submitted to the OIE on 20 Aug 2020 (https://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=35412). Since then, 4 additional outbreaks on mink farms in Utah (USA) have been reported, the most recent one, which reportedly started 8 Sep 2020, has been reported to the OIE on 24 Sep 2020. According to OIE data, the total number of susceptible minks on the 6 affected farms in Utah was 42 157, of which 7912 died; no culling applied. The diagnosis was carried out by the National Veterinary Services Laboratories (national laboratory), applying gene sequencing and real-time reverse transcriptase/polymerase chain reaction (RRT-PCR).

All farmed minks, in Europe and the USA, are American minks (_Neovison vison_).

According to available information, resulting from investigations of the Dutch event, the farmed minks in the provinces North Brabant and Limburg were initially infected from humans; in few cases, they were found likely to subsequently infect humans. Cats and dogs have also been shown to be infected by human patients, but no vice versa infection has been recorded. See

"COVID-19 likely spreading from people to animals -- and vice versa" at <https://www.cidrap.umn.edu/news-perspective/2020/09/covid-19-likely-spreading-people-animals-and-vice-versa>. - Mod.AS

HealthMap/ProMED-mail maps:

Limburg Province, Netherlands: <https://promedmail.org/promed-post?place=7813579,25834>

North Jutland, Denmark: <https://promedmail.org/promed-post?place=7813579,16381>

See Also

COVID-19 update (406): animal, Netherlands (LI), Denmark (ND), farm mink, spread 20200918.7794239
 COVID-19 update (401): Netherlands (NB), Denmark, farmed mink, spread 20200914.7777661
 COVID-19 update (394): Netherlands (NB) animal, farmed mink, spread 20200908.7759382
 COVID-19 update (387): Netherlands, mink, animal & public health, research 20200902.7740793
 COVID-19 update (382): Netherlands, animal, farmed mink, spread, control 20200830.7730463
 COVID-19 update (376): animal, ferret, mink, comment 20200827.7721923
 COVID-19 update (366): animal, USA (UT) mink 20200818.7692815
 COVID-19 update (363): animal, Denmark (ND) Netherlands (NB,LI) mink, spread 20200817.7687830
 COVID-19 update (340): animal, China, enviro monitoring, Netherlands (NB), mink 20200801.7635820
 COVID-19 update (334): animal, Netherlands, mink, spread, UK, cat, 1st rep, OIE 20200727.7617582
 COVID-19 update (324): Netherlands (NB) animal, farmed mink, spread 20200719.7591013
 COVID-19 update (317): Netherlands (NB) animal, farmed mink, spread 20200716.7578453
 COVID-19 update (307): Netherlands (NB), Denmark (ND) farmed mink, spread, control 20200708.7553067
 COVID-19 update (301): Denmark (ND) Netherlands (NB) farmed mink, spread, control 20200703.7536980
 COVID-19 update (284): Denmark (ND) animal, farmed mink, spread, dog 20200624.7506728
 COVID-19 update (281): Netherlands (NB, LI) farmed mink, spread, animal, global 20200623.7502849
 COVID-19 update (266): Denmark (ND) animal, farmed mink, 1st rep 20200617.7479510
 COVID-19 update (251): Netherlands (NB, LI) animal, farmed mink, spread, culling 20200610.7453845
 COVID-19 update (248): Netherlands (NB, LI) animal, mink, spread, culling, cat 20200609.7446478
 COVID-19 update (236): Netherlands (NB, LI) animal, farmed mink, spread, culling 20200604.7427849
 COVID-19 update (230): Netherlands (NB, LI) animal, farmed mink, spread, control 20200602.7420433
 COVID-19 update (215): Netherlands (NB) animal, mink-to-human, epidem., control 20200527.7385049
 COVID-19 update (209): Netherlands (NB) farmed mink, animal-to-human, cat, epid 20200525.7375359
 COVID-19 update (198): Netherlands (NB) farmed mink, animal-to-human infect susp 20200520.7359976
 COVID-19 update (189): Netherlands (NB) animal, farmed mink, research, cat, dog 20200517.7344274
 COVID-19 update (177): Netherlands (NB) animal, farmed mink, Spain (CT) cat susp 20200512.7328587
 COVID-19 update (174): Netherlands (NB) animal, farmed mink, comment 20200511.7323845
 COVID-19 update (169): Netherlands (NB) animal, farmed mink, spread, rabbit susp 20200509.7316646
 COVID-19 update (154): Netherlands (NB) animal, farmed mink, research 20200503.7294846
 COVID-19 update (146): Netherlands (NB) animal, farmed mink, epidemiology 20200501.7286113
 COVID-19 update (135): Netherlands (NB) animal, farmed mink 20200427.7272289

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