

NDCC Disease Update 2 of 2025- Lumpy Skin Disease

1. Lumpy Skin Disease confirmed for the first time in Spain

On the 3rd October, an LSD outbreak was confirmed in Spain, in the Cataluña region. Nine additional outbreaks have been reported since then.

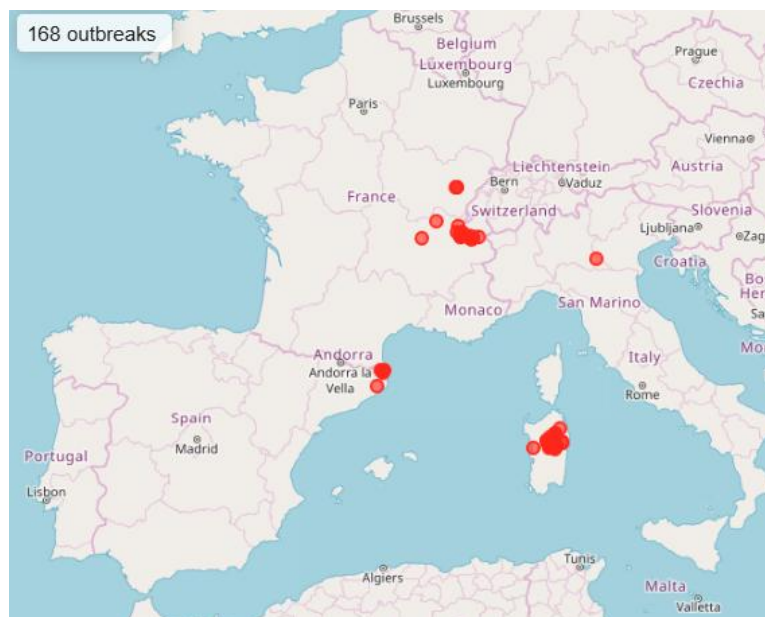


Figure 1: Location of LSD confirmed outbreaks since 21st June 2025 to 14th October 2025.

LSD has never been reported in Ireland. LSD is a notifiable disease in Ireland, any suspicion of the disease must be reported to the nearest [Regional Veterinary Office](#) / National Disease Emergency Hotline on 01-492-8026 (outside of normal office hours) without delay.

On the 21st of June 2025, the first case since 2017 was confirmed in the EU, specifically on the Italian island of Sardinia. Additional cases in Lombardy (Italy) and the Auvergne- Rhône-Alpes region in France followed, which were described in LSD update number 1 of 2025, on the 2nd September 2025.

Since then, there have been additional developments:

1. Twenty-one additional outbreaks have been reported in Italy, all of them in Sardinia. Since the epidemic started, 75 cases have been reported in Italy.
2. Three additional cases have been detected in the Auvergne- Rhône-Alpes region in France.
3. Three outbreaks have now been reported in the Bourgogne-Franche-Comté region, north of the region previously affected. A total of 83 outbreaks have been reported to date in France.

2. What is Lumpy Skin Disease?

Lumpy skin disease (LSD) is caused by lumpy skin disease virus (LSDV). It is a highly contagious disease of cattle characterized by fever, nodules on the skin, mucous membranes and internal organs, emaciation, enlarged lymph nodes, oedema of the skin, and sometimes death.

The principal means of transmission is by vectors (i.e. mosquitoes, ticks, stable flies, horseflies and horn flies). The vectors capable of transmitting the disease are more prevalent in Ireland during warmer weather.

3. Measures introduced

- The Spanish government has established a protection zone of 20 Km radius, and a surveillance zone of 50 Km radius around the farms with confirmed detection of LSD.
- The restricted zone with a radius of 50 km around the outbreaks detected in Spain affects France across the border, where municipalities in the department of Pyrénées-Orientales form part of that restricted zone.
- Compulsory vaccination of all bovine animals on the French side of the border has just started this week.
- Vaccination rates in France at the moment are at:
 - 93% in Savoie department (Auvergne- Rhône-Alpes region) restriction zones
 - 48% in Rhône department (Auvergne- Rhône-Alpes region) restriction zones
 - 12% in Corsica
- In Italy, 60.28% of establishments and 55.30% of the total bovine population have been vaccinated in Sardinia as of the 9th of September 2025.
- Animal movements outside the external perimeter of restriction zones continue to be prohibited.

4. Clinical signs of Lumpy Skin Disease

A wide range of clinical signs are associated with LSD virus including:

- Fever that may exceed 41°C
- Marked reduction in milk yield in lactating cattle
- Depression, anorexia and emaciation
- Rhinitis, conjunctivitis and excessive salivation
- Enlarged superficial lymph nodes
- Cutaneous nodules of 2–5 cm in diameter develop, particularly on the head, neck, limbs, udder, genitalia and perineum within 48 hours of onset of the febrile reaction.

Photographs of LSD affected cattle



Figures 2-4: Skin nodules and enlarged lymph nodes



Figures 5-6: Conjunctivitis, nasal discharge, ulceration of lesions in muzzle



Figures 7-8: Skin nodules in udder and teats and ulceration of lesion in teat



Figure 9: Skin lesion with a scab attracting domestic flies

Photo acknowledgements: FAO (2017), LUMPY SKIN DISEASE - A field manual for veterinarians

5. Managing the Risk

There is a prohibition of movements of bovine animals, germinal products from bovine animals and unprocessed animal by-products from bovine animals other than milk, colostrum, dairy products and colostrum-based products intended for animal feed from establishments located in vaccination and restriction zones, until the recovery period. Movements from free areas (or areas where vaccination is not carried out) follow normal trade rules.

6. How to report a suspect outbreak of LSD virus:

Report a suspect to your  [Regional Veterinary Office](#) / National Disease Emergency Hotline on 01-492-8026 (outside of normal office hours) without delay.

BE VIGILANT FOR THE CLINICAL SIGNS OF LSD VIRUS AND REPORT IMMEDIATELY

7. Further information

 Further information on LSD virus is available at [Lumpy Skin Disease](#)

[Lumpy Skin Disease - WOA - World Organisation for Animal Health](#)

[Lumpy skin disease – A manual for veterinarians](#)

This update is designed to keep you informed and help protect Ireland's ruminant population and livelihoods. The cooperation of all stakeholders is crucial in the protection of the health and welfare of the Irish livestock industry.

National Disease Control Centre

17th October 2025