



## Pathways into Australia

### Lumpy skin disease (LSD)

Highly infectious viral disease of cattle and buffalo, predominantly spread by biting insects.



#### Risk pathways of introduction to Australia:

Most likely to be carried by wind-borne insects into Northern Australia.

**Signs:** LSD infected animals may show signs including:

- firm raised skin nodules up to 5cm particularly on the head, neck, genitals and limbs but can cover the animal
- fever
- swelling of limbs, brisket and genitals
- watery eyes
- increased nasal and salivary secretions
- loss of appetite
- reduction in milk production
- depression
- enlarged superficial lymph nodes.

### Foot-and-mouth disease (FMD)

Highly contagious viral infection of cloven-hooved animals (cattle, sheep, pigs, goats, camelids, deer, buffalo).



#### Risk pathways of introduction to

**Australia:** Most likely from food products contaminated with the virus being illegally imported and fed to pigs.

**Signs:** FMD infected animals may show signs including:

- fluid filled blisters (vesicles) on the mouth, snout, tongue, lips or between and above the hooves which can rupture, leaving open sores
- appearing listless or depressed
- lameness
- reluctance to stand or move around
- drooling or excessive salivation (especially in cattle)
- reduced appetite
- reduced production, such as decreased milk yield and weight loss
- death in younger animals.

### African Swine Fever (ASF)

An infectious viral disease affecting domestic and feral pigs. Can have a very high mortality rate.



#### Risk pathways of introduction to Australia:

Most likely from food products contaminated with the virus being illegally imported and fed to pigs.

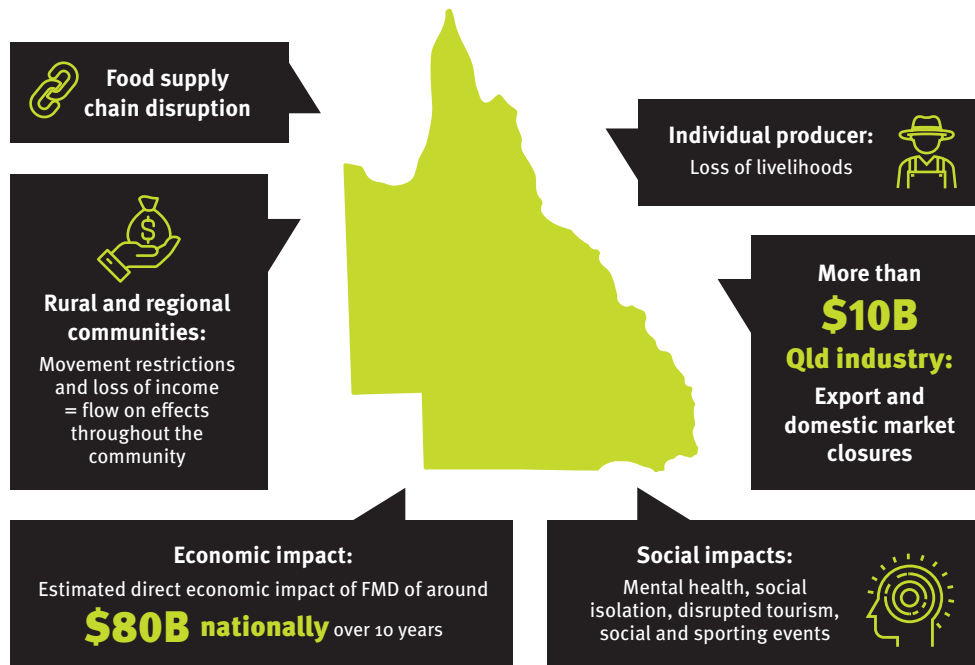
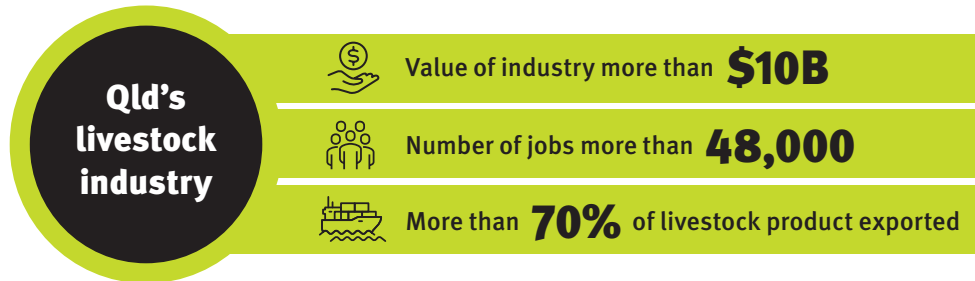
**Signs:** ASF infected pigs may show signs including:

- high fever
- depression, listlessness
- decreased appetite
- reluctance to move and will often lie down
- red/blotchy skin
- discharge from the eyes and nose
- diarrhea or vomiting
- abortion
- coughing
- difficulty breathing.

Image: Courtesy of SunPork



## Emergency animal disease impacts



### Australian Government prevention and preparedness:

- Funding for additional FMD and LSD vaccination roll out within Indonesia
- Support for disease management technical expertise within Indonesia, Timor Leste and Papua New Guinea
- Increased traveller interventions for flights from Indonesia including sanitation foot mats at key international airports
- Increased placement of detector dogs
- Awareness signage at airports
- Enhanced screening of non-letter mail from Indonesia
- Increased surveillance and testing of meat and other animal products, both at the border and through targeted checking of retail outlets
- Increased surveillance across Northern Australia.

### Queensland Government prevention and preparedness:

- Industry partnerships including new Emergency Animal Disease Preparedness Taskforce
- Additional \$22 million to strengthen Queensland against animal and plant pest and disease threats
- Employing at least 10 additional frontline biosecurity officers skilled in disease protection and emergency response strategies across rural and regional Queensland
- Strong and tested biosecurity framework including robust Queensland legislation, agreed national plans and cost sharing arrangements, and a strong policy position
- Investing in vaccine bank (FMD) and vaccine development (LSD)
- Enhanced diagnostic capacity and capability in Queensland laboratories
- Response ready workforce – government and industry response training
- Awareness-raising for early detection and improved on-farm biosecurity
- Active involvement in nationally agreed response strategies (AUSVETPLAN) and cost share arrangements (EADRA)
- Disaster management arrangements ready for activation for a biosecurity outbreak.

**LOOK. REPORT. PROTECT.**

Information correct as at August 2022



If you notice signs in your animals consistent with an emergency animal disease, such as FMD, LSD or ASF, you should notify your veterinarian and the **Emergency Animal Disease Watch Hotline** on **1800 675 888** immediately.



Queensland  
Government