

Member's update on ASF and other high-impact swine diseases

Japan

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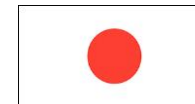
Tokyo, Japan



World Organisation
for Animal Health

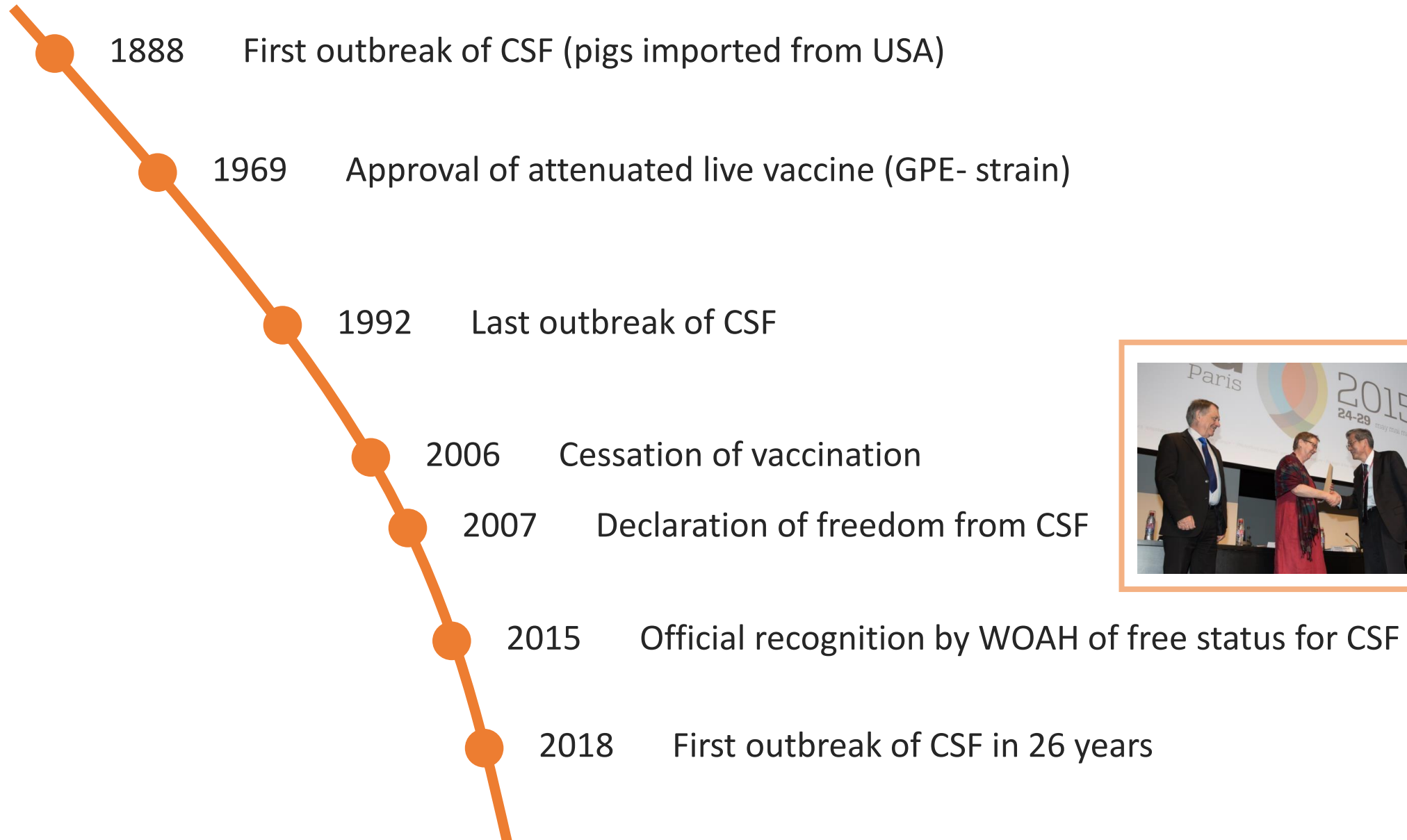
中华人民共和国农业农村部

Ministry of Agriculture and Rural Affairs of the People's Republic of China



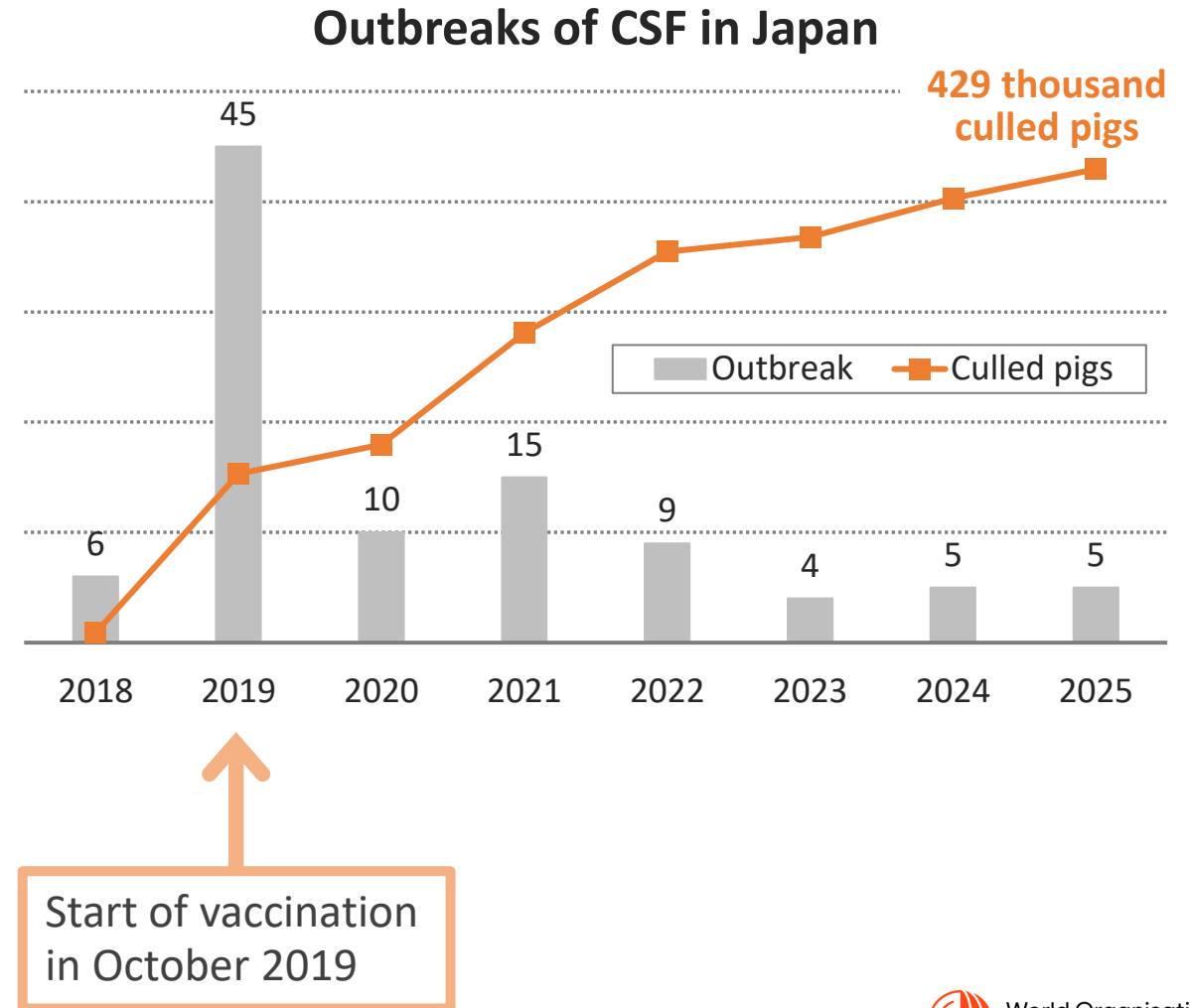
Ministry of Agriculture,
Food and Rural Affairs

History: CSF



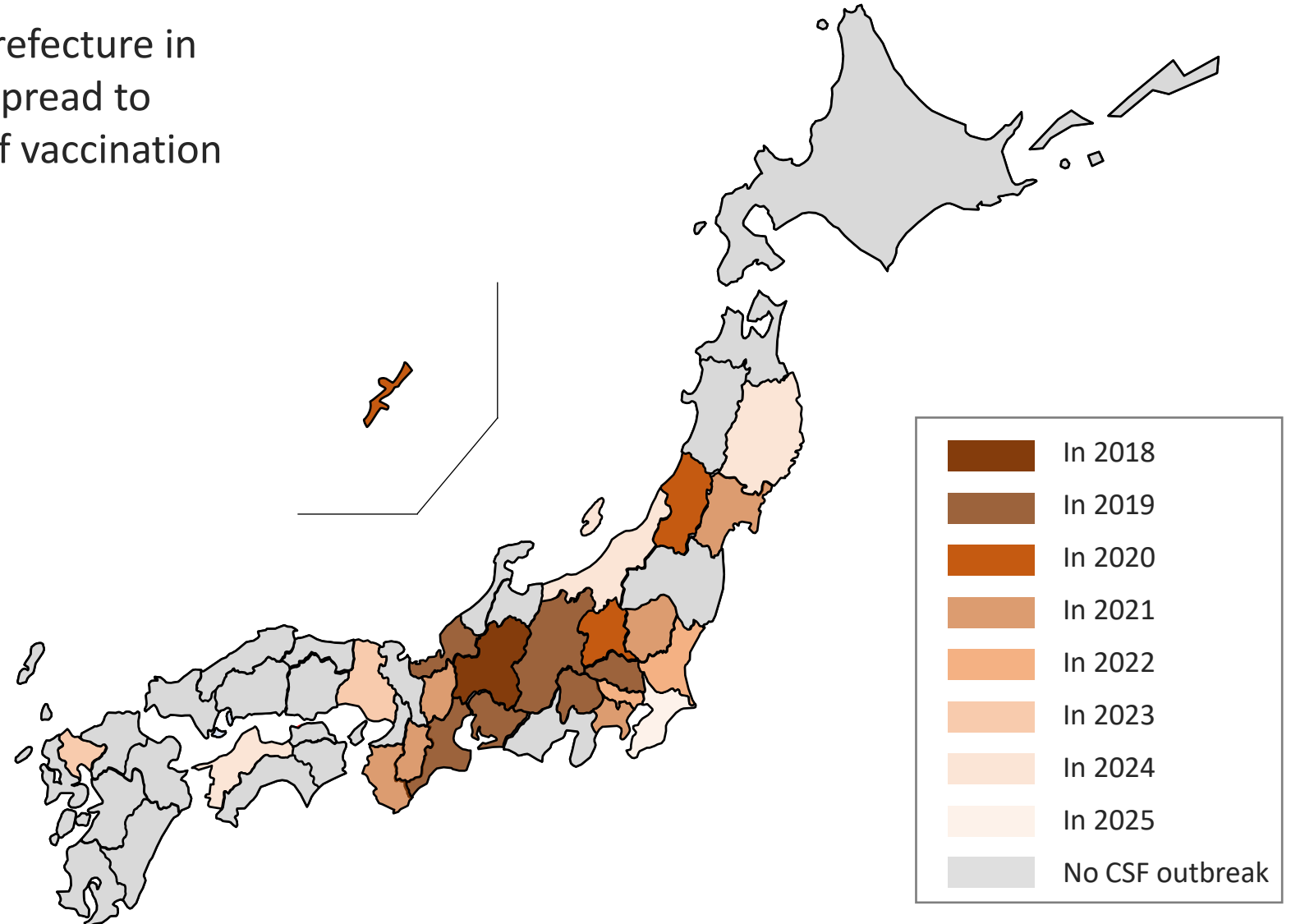
Disease situations: CSF

- Since the first outbreak in 26 years in September 2018, **99 outbreaks** were confirmed.
- A stamping-out policy was applied to affected and epidemiologically linked farms.
- As a result, about **429 thousand pigs** were culled in total.
- **Vaccination** of domestic pigs started in October 2019 and number of outbreaks significantly decreased. Sporadic outbreaks continue to occur.



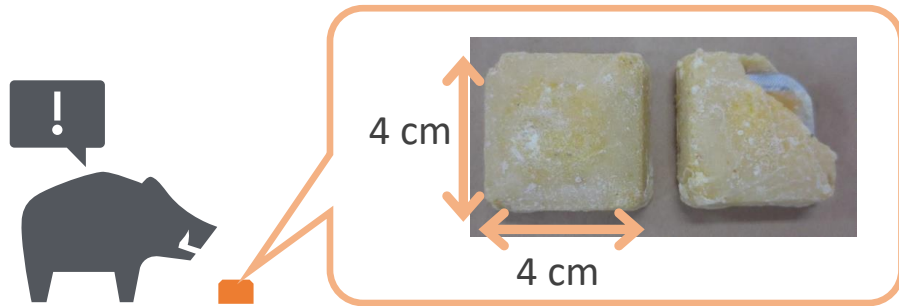
Disease situations: CSF

- Since the first outbreak in one prefecture in September 2018, CSF has been spread to 23 prefectures even after start of vaccination in October 2019.



Disease prevention and control: CSF

- First case of **CSFV-infected wild boar** is confirmed in September 2018.
- Surveillance in wild boards has been conducted since 2018.
- Program of **oral vaccination** to immunise wild boars started in March 2019.



- The results of surveillance and areas in which oral vaccines have been distributed are made available and searchable on the MAFF website.

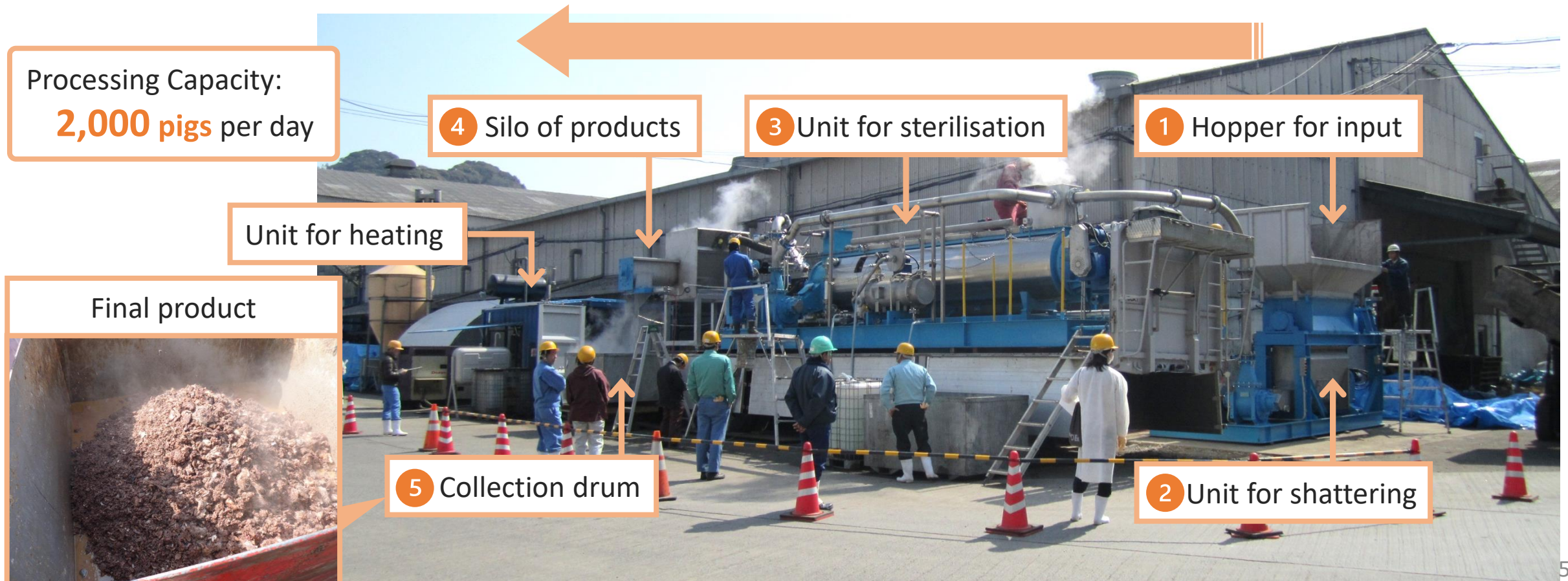
Results of surveillance in wild boars



https://www.maff.go.jp/j/syouan/douei/csf/wildboar_map.html

Disease prevention and control: CSF

- If CSF outbreaks occur in a pig-dense area, vast numbers of culling pigs and burial of carcasses are expected.
- To conduct culling and burial without delay, **mobile rendering equipment** are in place.



Disease prevention and control : ASF

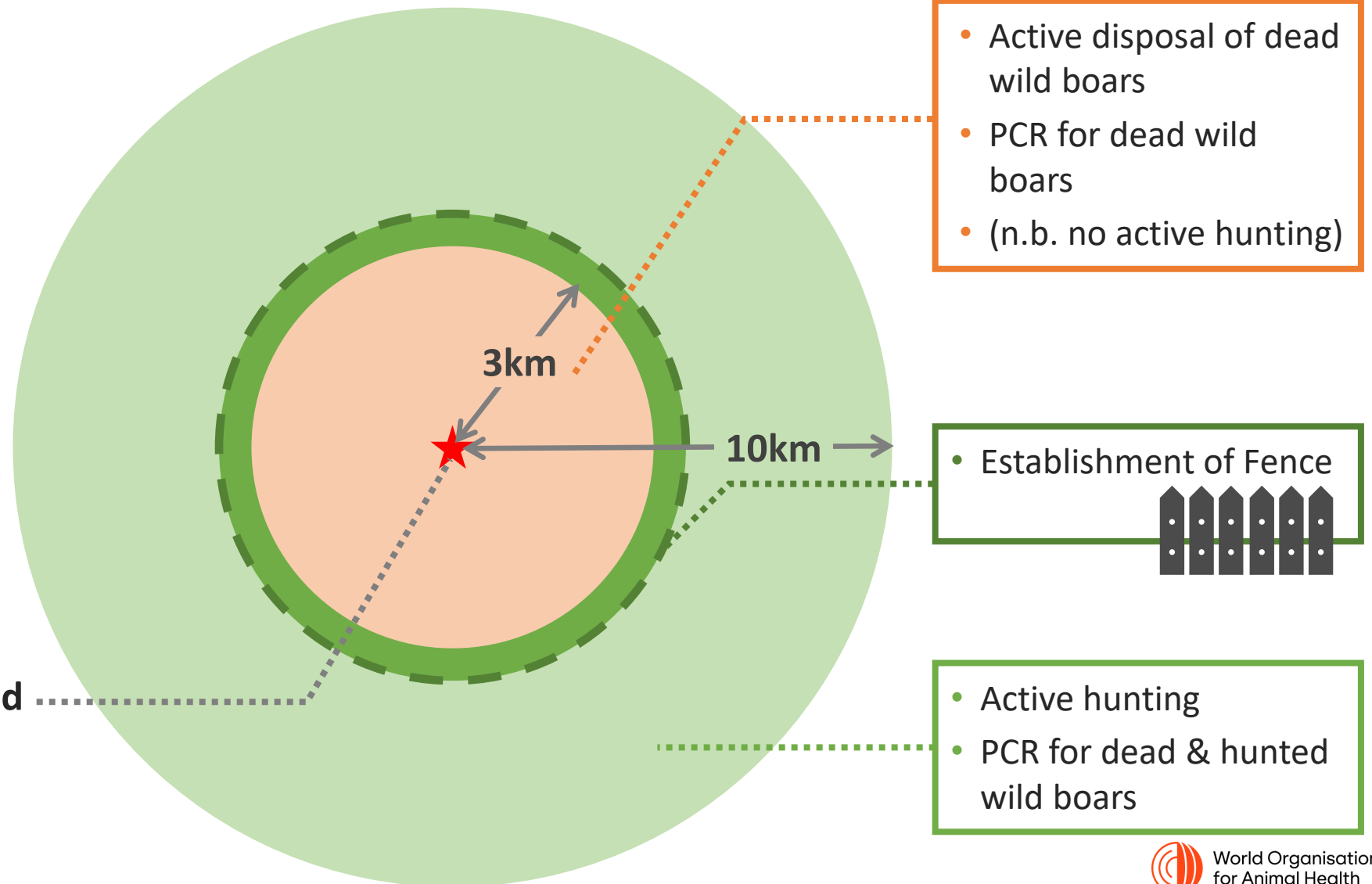
Japan is free from ASF.

But if ASFV infected
wild boar is found...



★ Site where ASFV infected
wild boar was found

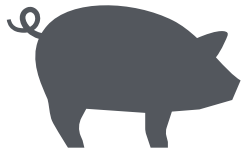
- Disinfection of the site



Disease prevention and control : ASF

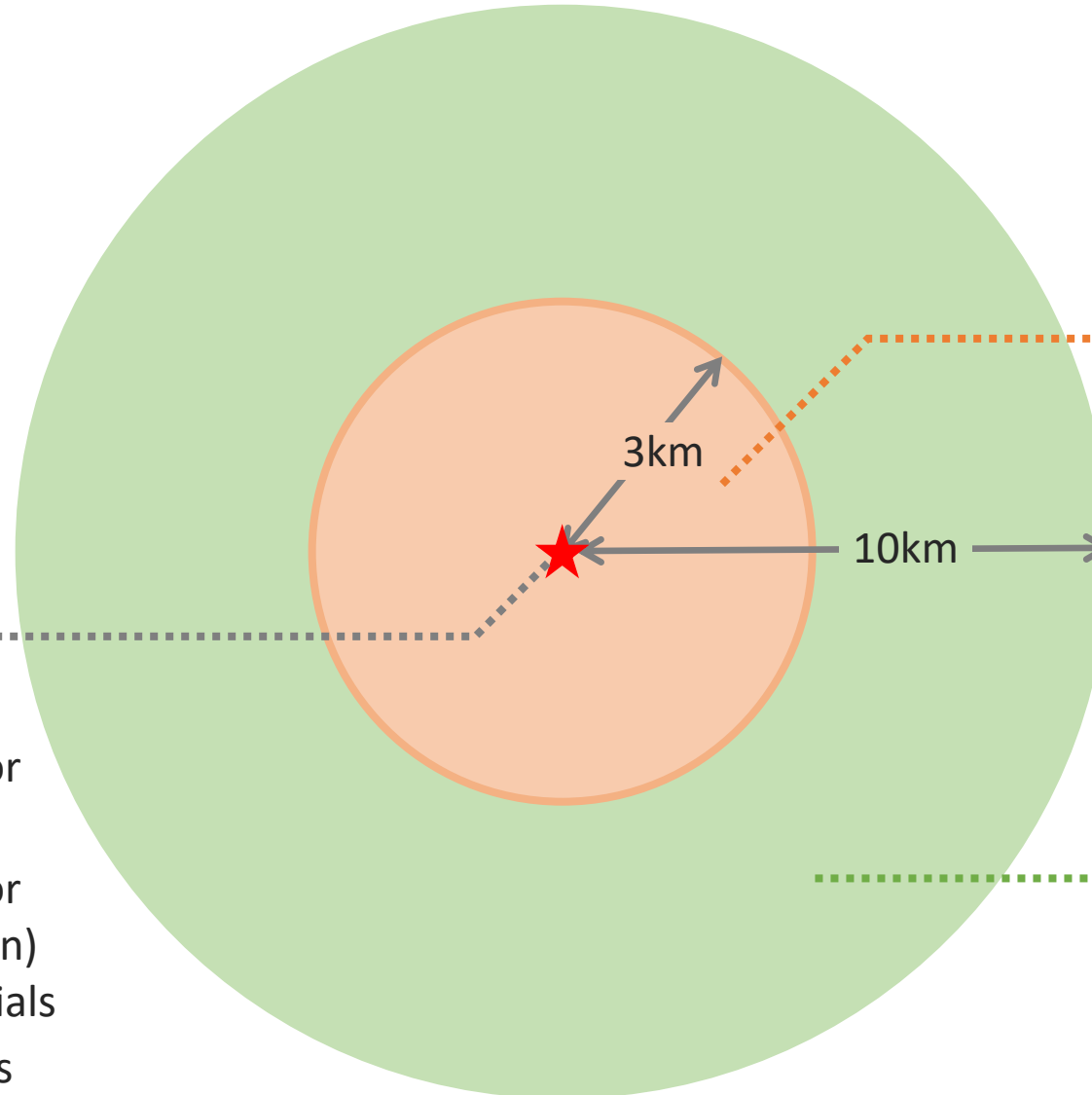
Japan is free from ASF.

But if ASFV infected
pig is found...



★ ASF affected farm

- Stamping out
- Burial (or incineration or rendering) of dead pigs
- Burial (or incineration or rendering or disinfection) of contaminated materials
- Disinfection of premises



- Movement restriction
- Suspension of slaughtering/events to gather pigs
- Active survey for pig farms (PCR)
 - within 24 hours
 - after 11 days of completion of measures for affected farm
- (preemptive culling)

- Restriction of shipment outside this zone

Disease prevention and control: ASF

Not to bring ASFV into Japan

- Preventative measures at ports

Disease alert for travelers



Questionnaire for Travelers entering Japan



Luggage Inspection by a quarantine dog



Disinfection of shoes and vehicle by disinfectant



Not to bring ASFV into farms

- Improving biosecurity on farms
- no vaccine against ASF virus

Not to bring ASFV into wild boar population

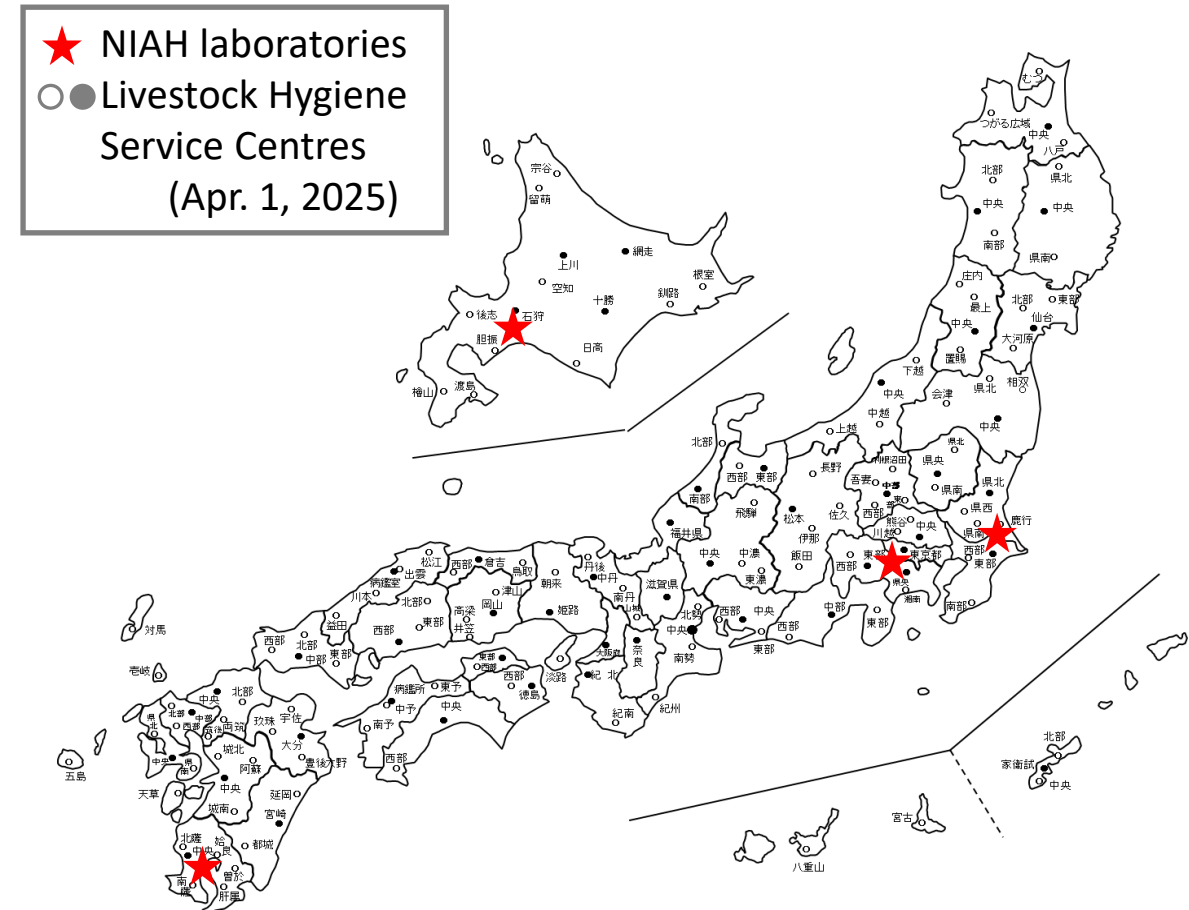
- awareness campaign
- surveillance
- hunting/capturing



Laboratory capacity

- **National Institute of Animal Health (NIAH)** is the national reference laboratory for animal health that provides 'confirmatory diagnosis'.
- NIAH, together with NVAL, is recognised as a WOAHA Collaborating Centre for the 'Diagnosis and Control of Animal Diseases and Veterinary Product Assessment in Asia'.
- Each of 117 **Livestock Hygiene Service Centres** has a laboratory; 50 of these laboratories are designated for advanced diagnosis.
- Livestock Hygiene Service Centres send samples to NIAH for confirmation if necessary.

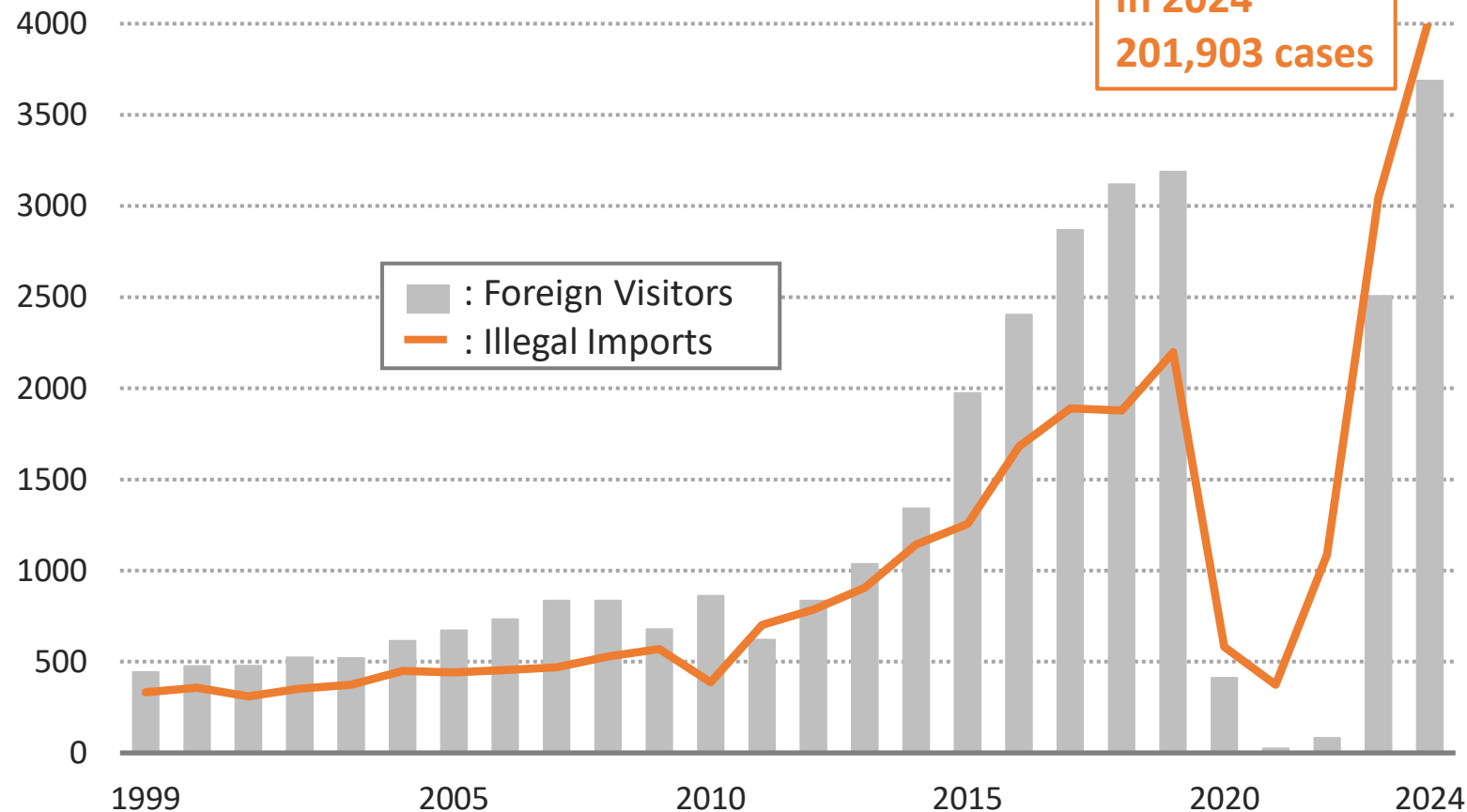
Location of Livestock Hygiene Service Centres and National Institute of Animal Health



Challenge and possible solutions

- Viruses causing infectious diseases in livestock, such as ASF virus, have been isolated from livestock products that were **illegally imported** into Japan.

Foreign visitors
(ten thousand)



Illegal imports
(ten thousand)



Illegally imported
pork sausage

Data: Japan National
Tourism Organization,
Animal Quarantine Service

Proposal for future activities

- Joint training of staff at Border Inspection Posts on inspection techniques, animal disease recognition, and biosecurity.
- Raising awareness among stakeholders (especially travelers) on quarantine and animal movement regulations
- Establish a network of border control agencies of Members in the East Asia Region

Thank you
