



World Organisation  
for Animal Health  
Founded as OIE

# Country Presentation

## FMD Situation and SEACFMD Campaign Progress

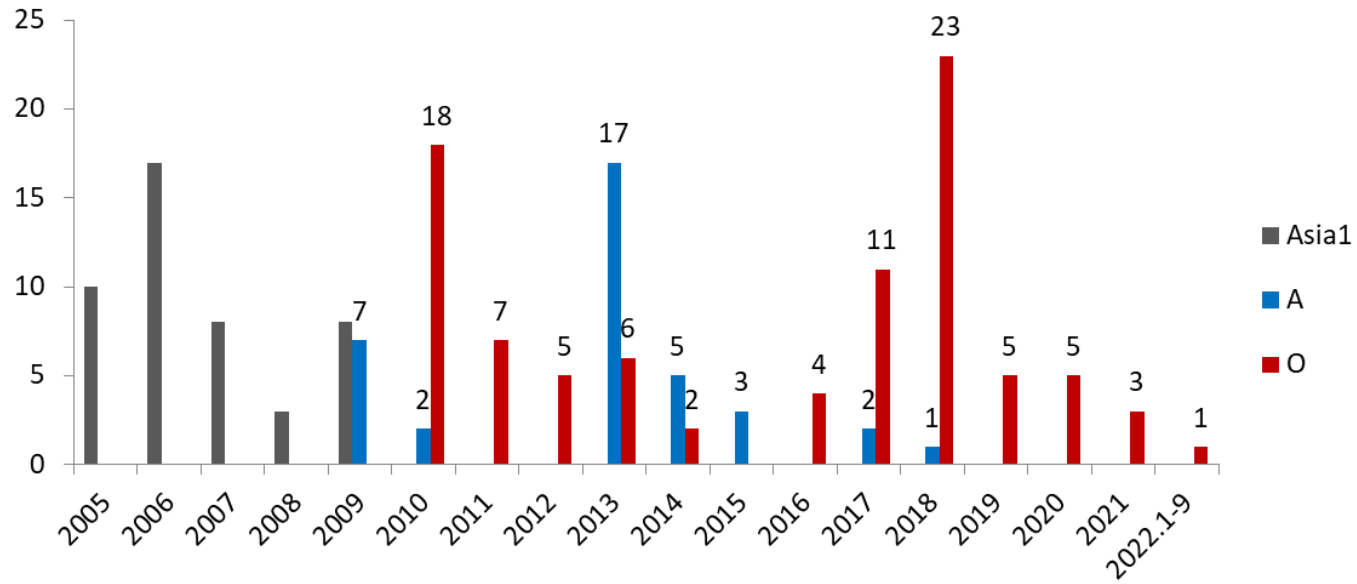
### China

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# FMD situation in 2021-2022



Temporal distribution



Spatial distribution, 2021-2022.9

# FMD situation in 2021-2022

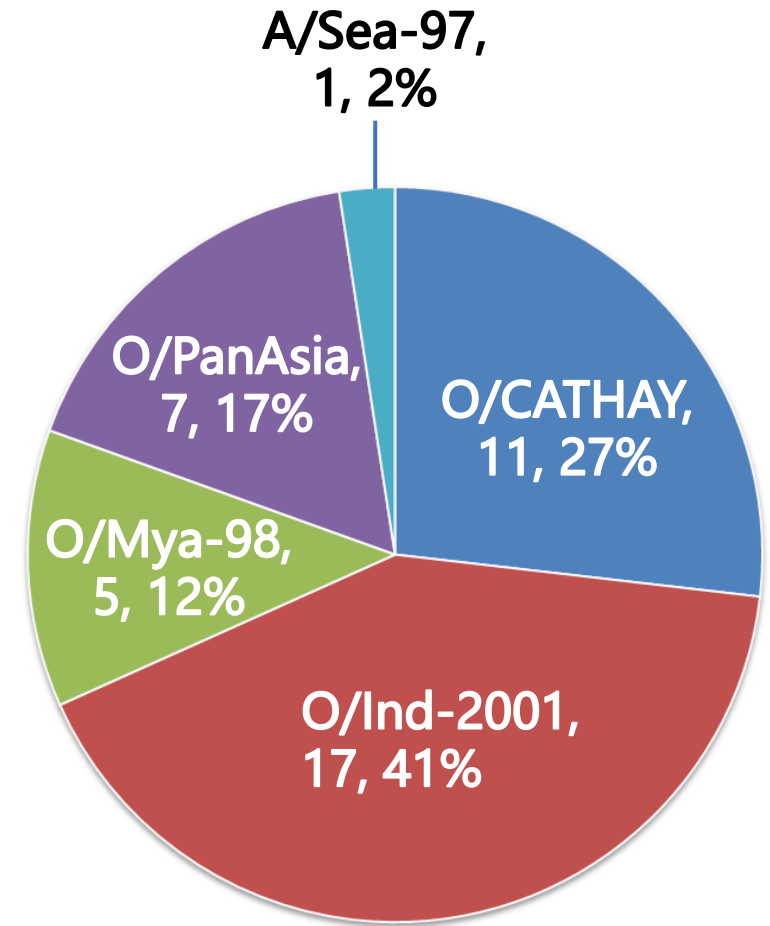
## Details of FMD outbreaks in China in 2021-2022.9

Report Date	Location	Type	Strain	Species	Susceptible	Cases	Deaths	Destroy
2021/1/29	Hami,Xinjiang	O	Ind-2001	Cattle	52	37	0	52
2021/3/22	Huizhou,Guangdong	O	Cathay	Pig	33	4	0	33
2021/10/31	Zeku,Qinghai	O	Ind-2001	Cattle	41	40	0	41
2022/5/27	Wuzhou,Guangxi	O	Cathay	Pig	454	21	0	454

# FMD situation in 2021-2022

- Epidemiological Characteristics

- Multiple strains (O/Ind-2001, O/Mya-98, O/CATHAY, A/Sea-97) are circulating
- O/Ind-2001 is still mainly circulating
- Number of outbreaks/cases is decreasing
- Outbreak of Type A is not found since 2019
- A/Sea-97 strain detected in 2021 in active surveillance on the southwest border



Proportion of each FMDV strain since 2018

# FMD Prevention and Control

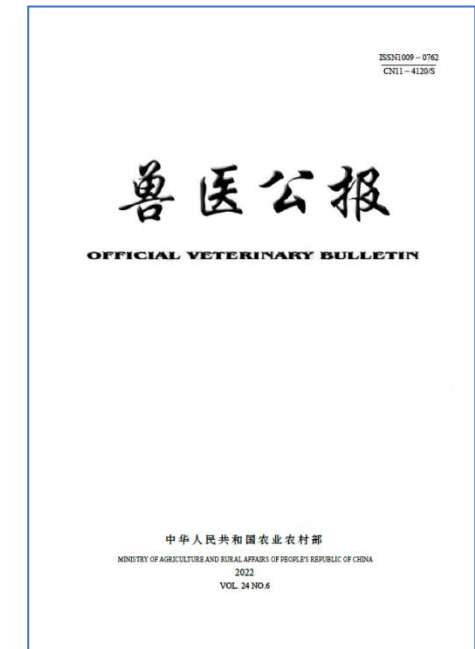
- Key activities

- Vaccination

- All cattle, sheep and goats, camels and deer: Type O and type A
    - All pigs: Type O
    - Pigs vaccinated type A: Determined by each province

- Post-Vaccination Monitoring (Jan - May, 2022)

Animal	Serum	Up to standard	Qualification rate
Pig	392,572	351,137	89.45%
Cattle	243,277	223,789	91.99%
Sheep/goat	255,675	224,373	87.76%
Total	891,524	799,299	89.66%



# FMD Prevention and Control

- Key activities
  - Surveillance
    - Provincial CADC and local laboratories
      - Clinical surveillance
      - Serology surveillance
      - Pathogenic surveillance
  - FMD Reference Laboratory
    - Confirmatory testing of samples
    - Tracking the variation of FMD virus
    - Surveillance in northeast, northwest, border areas in southwest, FMD free zone with vaccination

## 农业农村部文件

农牧发〔2021〕11号

### 农业农村部关于印发《国家动物疫病监测与流行病学调查计划(2021—2025年)》的通知

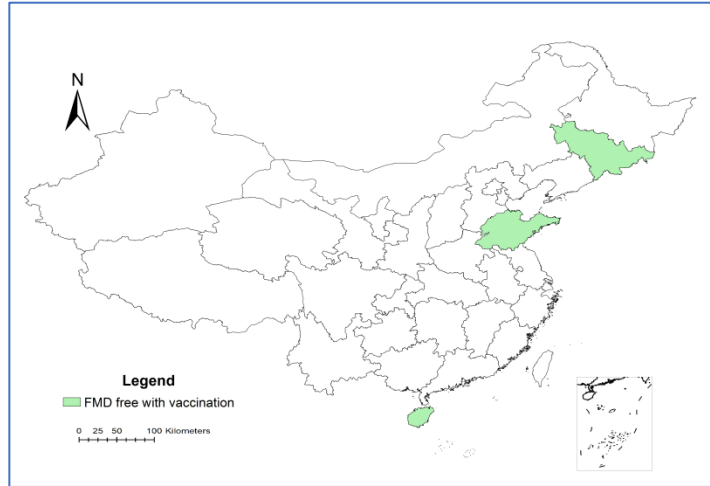
各省、自治区、直辖市及计划单列市农业农村(农牧、畜牧兽医)厅(局、委),新疆生产建设兵团农业农村局,部属有关事业单位,各有关单位:

为做好非洲猪瘟等动物疫病防控,持续加强监测和流行病学调查工作,我部组织制定了《国家动物疫病监测与流行病学调查计划(2021—2025年)》,现印发你们,请遵照执行。

农业农村部  
2021年4月13日



# FMD Prevention and Control



- Key progress

- FMD free zone with vaccination

- Aug 2022, FMD-free zone with vaccination of Shandong province has passed the national assessment and certification.
- Area: Jiaodong Peninsula → Shandong Province
- 3 provinces: Jilin, Hainan and Shandong.



# FMD Prevention and Control

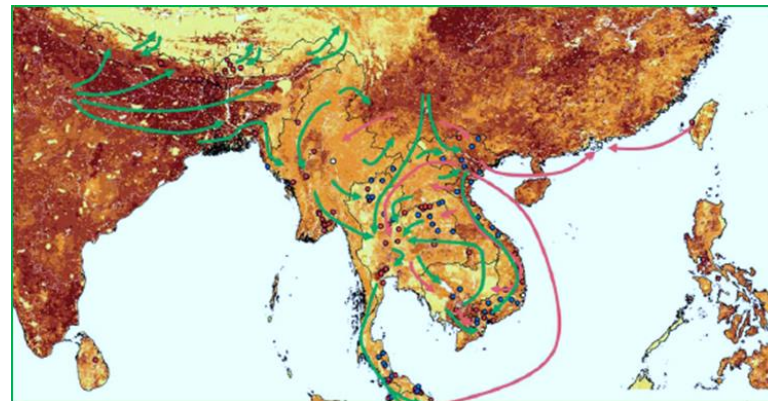
- Key activities planned in 2023
  - Compulsory vaccination
  - Surveillance and PVM, early warning
  - Diagnosis and analysis on FMD
  - Prevention and control by regions
  - Control jointly with other major animal diseases (ASF, LSD...)





# Main challenges and recommended solution

- Type O & type A co-exist, complex epidemic strains ← Epidemiological studies and differential diagnosis
- Backyard farms, Low biosecurity, vaccination “short board” ← Improve biosecurity & booster vaccination
- Long-distance movement of live animals ← Prevention and control by regions
- Risk of introduction of foreign FMDV strains ← Strengthen international collaboration and response
- Local veterinary teams are poor ← Training, policy and financial support





Thank You