

FOOT-AND-MOUTH DISEASE IN DOMESTIC BOVIDS



+ Impact goal

Elimination (contributing to the eradication target) of foot-and-mouth disease (FMD) among domestic bovids in the Region of the Americas

+ Elimination target

Zero cases in domestic bovids in the absence of vaccination in countries free of FMD

+ Programmatic targets

≥95% of susceptible cattle populations vaccinated in at-risk areas

Action steps to achieve elimination

Best buys

① Maintain high vaccination coverage where necessary:

– ≥95% of susceptible cattle populations vaccinated in at-risk areas.

② Progressive transition to FMD-free status without vaccination:

– Systematic withdrawal of cattle vaccination when criteria are met under controlled conditions.

③ Border control and movement management:

– Enhance controls to prevent FMD introduction.

④ Surveillance and emergency preparedness:

– Strengthen laboratory diagnostics, early detection, emergency preparedness, outbreak containment, and risk-based surveillance strategies.

⑤ Stakeholder engagement:

– Strengthen collaboration among veterinary services, livestock producers, and the private sector to enhance farm-level biosecurity measures and foster greater engagement in reporting FMD suspected cases.

More information

· Pan American Health Organization. Foot-and-mouth disease. Washington, D.C.: PAHO; 2025 [cited 10 April 2025]. Available from: <https://www.paho.org/en/topics/foot-and-mouth-disease>.

· Pan American Health Organization. Foot-and-mouth disease: Comparative analysis of disease-free status with and without vaccination, 11 May 2023. Washington, D.C.: PAHO; 2023. Available from: <https://iris.paho.org/handle/10665.2/57733>.



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