

Research Article



Foot and Mouth Disease Outbreak Public Awareness: A Study of Knowledge, Attitudes and Practices of Farmers in Baring Village, Pangkajene and Islands Regency, South Sulawesi, Indonesia

IRWAN ISMAIL^{1,2}, FIKA YULIZA PURBA^{1,2*}, MUHAMMAD ARDIANSYAH NURDIN^{1,2}, SUBAEDY YUSUF^{2,3}, ICHLASUL AMAL^{2,4}, ADYATMA MUHAMMAD NUR⁵

¹Veterinary Medicine Study Program, Faculty of Medicine, Hasanuddin University, Makassar, South Sulawesi 90245, Indonesia; ²Center for Research and Development of Livestock Resources and Tropical Animals, Universitas Hasanuddin, Makassar, South Sulawesi 90245, Indonesia; ³Agricultural Science Doctoral Study Program, Postgraduate School, Hasanuddin University, Makassar, South Sulawesi 90245, Indonesia; ⁴Animal Feed Technology Study Program, Faculty of Vocational Studies, Hasanuddin University, Makassar, South Sulawesi 90245, Indonesia; ⁵Veterinary Paramedic Study Program, Faculty of Vocational Studies, Hasanuddin University, Makassar South Sulawesi 90245, Indonesia.

Received | March 04, 2025; Accepted | May 25, 2025; Published | June 27, 2025

*Correspondence | Ibraheem E. Ibrahim, Department of Veterinary Public Health, College of Veterinary Medicine, University of Baghdad, Iraq; Email: ibraheem.ibraheem@uokufa.edu.iq

Citation | Ibrahim IE, Khudhir ZS (2025). Detection and distribution of *Escherichia coli* O157:H7 isolated from local fresh beef sold in Baghdad city. J. Anim. Health Prod. 13(3): 539-545.

DOI | <https://dx.doi.org/10.17582/journal.jahp/2025/13.3.539.545>

ISSN (Online) | 2308-2801

Copyright © 2025 Kumar *et al.* This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.



Copyright: 2025 by the authors. Licensee ResearchersLinks Ltd, England, UK.

This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

QUESTIONNAIRE ON KNOWLEDGE, ATTITUDES AND PRACTICES (KAP) REGARDING FOOT AND MOUTH DISEASE (FMD) AMONG LIVESTOCK FARMERS IN BARING VILAGE

SECTION A: SOURCES OF INFORMATION

Where do you usually get information about Foot and Mouth Disease (FMD)? (You may choose more than one).

- Veterinarian / Field Officer / Paramedic
- Trader
- Relatives / Neighbors / Friends
- Television
- Society figures

SECTION B: KNOWLEDGE AND AWARENESS

THE CAUSE OF FMD?

- Virus
- Bacteria
- Don't know

What are the clinical signs of FMD that you recognize? (You may choose more than one).

- Excessive salivation
- Lesions on the udder
- Lesions on the gums
- Lesions on the nose
- Lesions on the foot
- Vesicles in the mouth

What are the possible routes of FMD transmission? (You may choose more than one)

- Contaminated feed
- Contact with infected animals
- Introduction of new animals
- Equipment, vehicles, or people entering the farm
- Don't know

What preventive measures do you know against FMD?
(You may choose more than one)

- Keep livestock separated from other herds
- Ensure hygiene of feed and water
- Regularly disinfect the housing area
- Avoid purchasing livestock from risky sources
- Take no preventive action

SECTION C: ATTITUDES AND PRACTICES

What do you know about FMD control practices? (You may choose more than one)

- Early detection by veterinary professionals
- Regular visits by veterinary authorities
- Reduce contact between groups
- Control movement of infected animals
- Health checks of imported animals
- Don't know

What actions do you currently take to protect your livestock from FMD? (You may choose more than one).

- Report to a veterinarian
- Separate sick animals

- Sell/slaughter sick animals
- Provide care/treatment
- Do not take action

SECTION D: EXPERIENCE AND BEHAVIOR

Have you ever used traditional methods to treat FMD?

- Yes
- No

Have your livestock ever been infected with FMD?

- Yes
- No

Have any of your livestock died due to FMD?

- Yes
- No

Have you ever sold infected animals at a lower price due to FMD?

- Yes
- No

Do you have livestock insurance?

- Yes
- No