



Better lives through livestock

Evaluation of livestock vaccinations in response to humanitarian crises: Process and outcome measures

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Evaluation of livestock emergencies workshop
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Objectives

Evaluate emergency livestock vaccination programs during times of humanitarian crises.

1. Evaluate vaccination program effectiveness, coverage, impact on livelihoods and disease burden, and cost-effectiveness
2. Determine successful attributes of vaccine campaigns
3. Role of gender in these programs/crises
4. Develop guidelines for these programs

Process vs. outcome

Process – measure the processes used to implement/apply the emergency livestock vaccine program

Outcome – measure outcomes **directly** related to vaccine implementation



Top process indicators from questionnaire: Overview

- +1. Design based on clear and achievable humanitarian objective
- +2. Efficiency of vaccination (timing, choice, quality, safety, storage, and management of response)
- +3. Access to/use of quality epidemiological information
- +4. Degree of coordination, partnership, and communication with public/private vet services
- +5. Vaccine inventories (linked to item 2)
- +6. Partial budget analysis
- +7. Workforce training CPD (linked to 4)
- +8. Lab reports
- +9. Serological responses

Data

Availability



Easy



Moderate






Difficult

Top process indicators from questionnaire: Data type

- +1. Design based on clear and achievable humanitarian objective
- +2. Efficiency of vaccination (timing, choice, quality, safety, storage, and management of response)
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- +8. Lab reports
- +9. Serological responses




Data Type

-  Qualitative
-  Quantitative
-  Dual

Top outcome indicators from questionnaire: Overview

- +1. Herd size composition and reproductive rate (linked to partial budget)
- +2. Morbidity/mortality rates of livestock
- +3. Target disease prevalence
- +4. Gender impact on livestock based livelihoods
- +5. Marketing data (linked to partial budget) – livestock-derived income
- +6. Livestock outputs (linked to partial budget and item 5)
- +7. Consumption of animal source foods
- +8. Numbers vaccinated by species, herd; number of households impacted, adverse vaccine reactions




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Discussion plan

- Will be assigned into breakout room groups on Zoom
- Assign a note-taker, a facilitator, and a presenter
- Use Google Sheet to see process and outcome measures for your group (link will be shared in chat)
- Provide feedback on these measures and more generally if any missing measures
- When return to main group have presenter share main messages from your group






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