

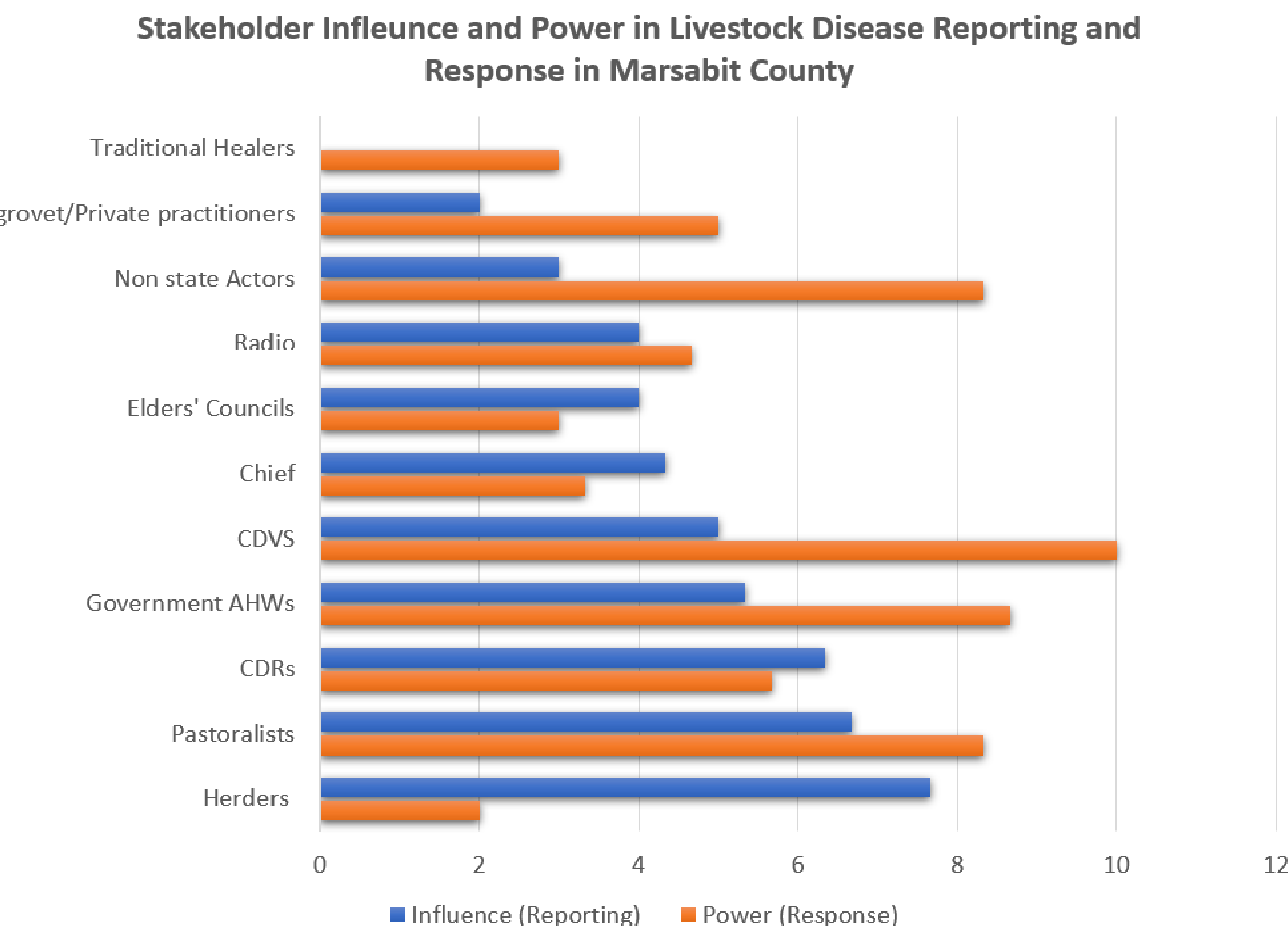
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Objectives

- identify stakeholders, their roles and information flow among them
- Characterize channels of livestock disease reporting and response

Legend
Orange and purple – Stakeholders at community level
Blue and green – Stakeholders at County level and beyond

- Report origin (herder) → owner → traditional experts or drug shop:
owner → CDRs/chief → Response (GAHWs).
- Pastoralists (animal Owners), drug shops, private animal health workers, CDRs are central in disease response at community level.



- GAHWs roles → mainly mass vaccinations and treatments.
- The County Director of Veterinary Services (CDVS) is central in response as he coordinates pooling resources for mass interventions.
- National Parastatals, NGOs and iNGOs partner and collaborate with the County government to execute mass interventions.

Data Analysis

- Deductive and Inductive coding
→ Atlas.ti software
- Stakeholder network
→ Gephi software
- Descriptive statistics and graphs
→ Microsoft excel

The diagram illustrates three levels of surveillance, each represented by a colored circle with an icon and a corresponding text box:

- Pastoralists:** Represented by a blue circle with a person on a horse icon. The text states: "Pastoralists walked, used vehicles, motorbikes, phones and radios".
- Government Animal Health Workers (GAHWs):** Represented by a green circle with a smartphone icon. The text states: "Government Animal Health Workers (GAHWs) used phones, emails and paper based".
- Community Disease Reporters (CDRs):** Represented by a red circle with a KABS logo icon. The text states: "Community Disease Reporters (CDRs) use Kenya Animal Biosurveillance System (KABS)".

Alternative veterinary practices e.g., cauterization, bleeding

Self administration of drugs

Mass interventions by Government Animal Health Workers

Fewer cases → Agrovet and private animal health workers

- An effective pastoral disease surveillance system requires all stakeholders
- Community level stakeholders are largely engaged in disease response, their capacity can be developed and resourced more for the benefit of disease response.