
A rapid appraisal of the public health risks posed through interaction between humans/domestic animals with wildlife and wildlife-related activities - a pilot project

Goal

- ❑ To identify and assess the public health risks posed through human/domestic animal interaction with wildlife and wildlife-related activities.

Background

- ❑ Communities exist whose health is affected directly and indirectly by wildlife and wildlife-related activities.
- ❑ Interactions between humans, their domestic animals and wildlife result in the transmission of infectious disease and the prevalence of non-infectious disease.
- ❑ Wildlife-related activities such as parks, tourism and hunting could also impact upon health.
- ❑ These interactions pose public health risks and benefits.
- ❑ Identifying and assessing these risks would be beneficial to both health officials, as well as to wildlife managers.

Objectives

- ❑ To create a tool to conduct a public health risks assessment in this context.
- ❑ To collect, collate and assess data from communities in this context using the tool created.
- ❑ To evaluate the tool used and decide on the appropriateness of the assessment and adjust the tool as seen necessary.
- ❑ To distribute the appraisal to relevant stakeholders and data sources.

Methods

- ❑ **Key informant interviews:** Qualitative, in-depth and semi-structured interviews with individuals selected for their knowledge of issues regarding wildlife, livestock and human health in their area.
- ❑ **Focus groups:** Participatory methods for qualitative data collection from community groups (e.g. women and youth)
- ❑ **Quantitative data collection:** data collection from health centre records.

Content

- ❑ **Determinants of health:** factors that have an influence on disease.
- ❑ Grouped into personal attributes, ecosystem goods and services, infrastructure, livelihoods and social economic status, society and lifestyle, and services and policy.

Determinants of health

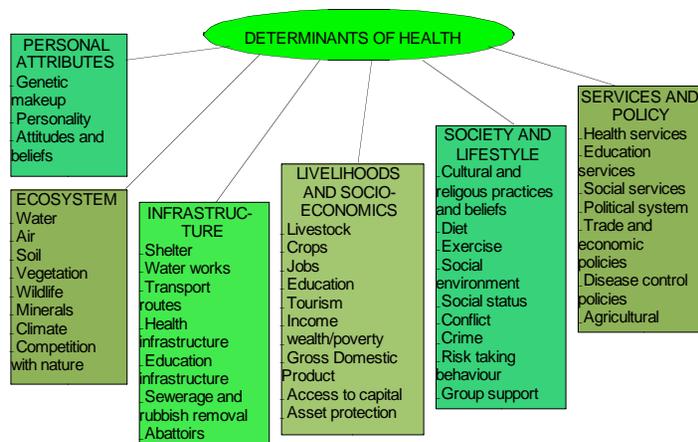


Figure 1. Determinants of Health

Content

- ❑ **Disease:**
- ❑ infectious agents (human, zoonotic, EIDS and non-zoonotic wildlife and domestic animal) and
- ❑ non-infectious causes of disease (trauma/conflict, nutrition related disease, mental and addiction related and toxicoses).

Infectious Disease

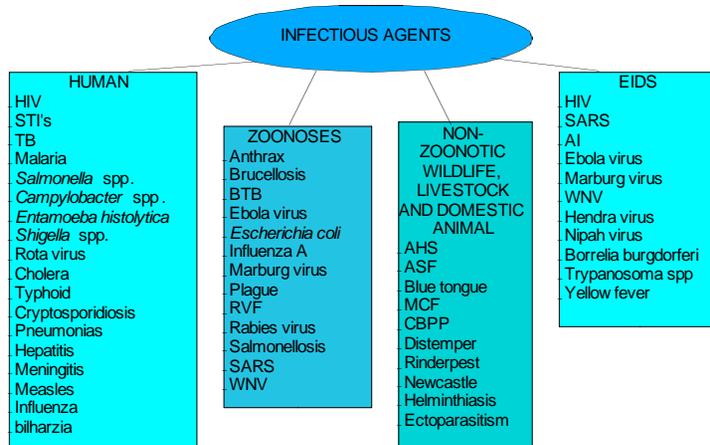
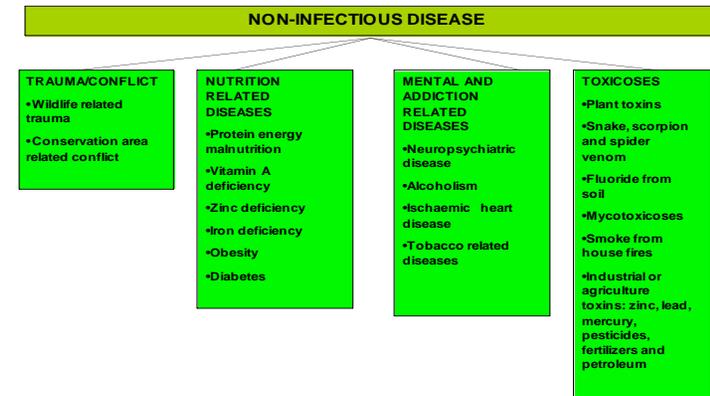


Figure 2. Relevant Infectious Diseases. For abbreviations see list of abbreviations pg ii

Non-infectious disease



Team

- ❑ Health worker/medic,
- ❑ Animal health worker/veterinarian
- ❑ Social scientist.