

Rural Health Physicians & Agriculture

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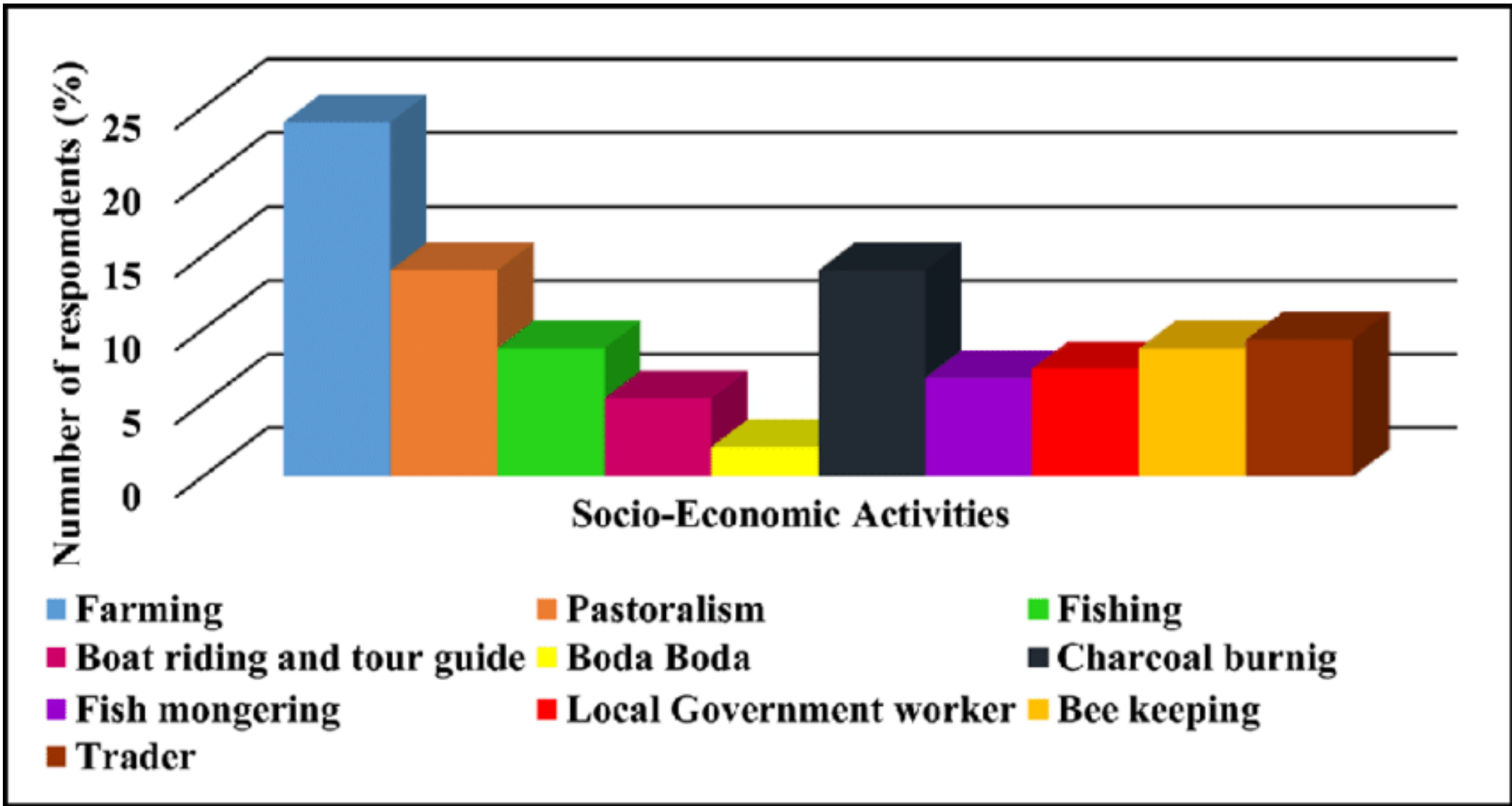
Baringo County at a glance

It borders Uasin Gishu to the north and east, Kericho to the south east, Kisumu to the south, Vihiga to the south west, and Kakamega to the west

Area: 11,015 km²

Population: 555,561
(Male 50%; Female 50%)





Ochuka, M.A & Ikporukpo, Chris & Mijinyawa, Yahaya & Ogendi, George. (2019). Land Use/Land Cover Dynamics and Anthropogenic Driving Factors in Lake Baringo Catchment, Rift Valley, Kenya. Natural Resources. 10. 367-389. 10.4236/nr.2019.1010025.

Agriculture's impact on health

- Agriculture is essential for good health from it we get food, fiber and materials for shelter
- Agriculture can be linked with
 - occupational ill-health
 - chronic diseases
 - Vermin & pests
 - poor health, including obesity, undernutrition and malnutrition,
 - malaria,
 - foodborne illnesses,
 - livestock-related diseases,
 - Antimicrobial resistance



Health affects agriculture

- people's health status influences the demand for agricultural outputs i.e.,
 - diabetic diet
 - Obesity diets
 - Malnutrition diet plans
- In agricultural communities,
 - poor health reduces work performance,
 - reducing income and productivity and
 - perpetuating a downward spiral into ill-health.



Primary Healthcare and Agriculture

The critical step to improve knowledge in health, nutrition, and agriculture nexus includes investments in Community Oriented Primary Care, and research systems capable of integrating information from all the sectors involved in food production.

Committee formation

brought together:

- Judiciary
- All county government ministries
- Religious leaders
- Council of elders
- Business associations
- CSO's & CBOs
- Flower farm owners
- Banks Managers
- National Health insurance
- Egerton University (health/Agri)



Activities of CUC

- Health Education
- Cleaning and greening the town
- Community land Arbitration
- Community Education on environment conservation
- Effective Agriculture practices
- Aflatoxin testing
- Share challenges and successes
- Finance management
- Access to Social security



Animal Census Eco-Health

- Bi annual animal census enable us to identify the wildlife numbers and determine there ecological impact on the environment
- Bird counts also are of value in determining a health ecosystem.



Bee Keeping & birding for sustainability

- Working to protect Bees
- Hygienic packaging
- Economic sustainability



Community engagement.



Knowledge obtained during meetings is for...

- Used to design agricultural strategies that maximize benefit and minimize risks to health and nutrition from food production to consumption
- Develop and disseminate fortified and nutritious food for consumption
- Improving pricing and packaging policies,
- Public information on fertilizer, pesticide control and safe farm practices
- awareness campaigns that address both obesity and malnutrition

