



**Improving adaptive capacity and market participation of
the Borana pastoralists:
A value chain analysis of live camel and camel products
in the Borana Plateau, Ethiopia**


Osman Hamdan

Warner College of Natural Resources
Colorado State University, Fort Collins






Motivation and Rationale

- ❖ Lack of information and knowledge about expanding camel trade system.
 - ❖ Represents a form of an autonomous indigenous adaptation.
 - ❖ Link to global climate change; change in the African savanna grassland productivity.
 - ❖ A regional phenomenon: involves the Borana pastoralists in Ethiopia, the Samburu in Kenya, the Maasai in Tanzania and the Zaghawa in the Sudan.
 - ❖ Interesting cultural and cross-border aspects of camel trade system.
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Objectives

- ❖ To delineate and define the camel value chain.
 - ❖ To identify the determinants of demand, supply and marketing constraints and bottlenecks.
 - ❖ To determine the role of public policy in improving camel marketing environment, marketing efficiency and future marketing support services and development interventions.
 - ❖ To formulate policy recommendations to improve live camel marketing.
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Information gaps

- ❖ What is the structure and organization of the camel market network?
 - ❖ What are the drivers of the camel trade?
 - ❖ Internal demand in non-pastoralist areas
 - ❖ External demand in Sudan and other countries
 - ❖ Trends in camel prices
 - ❖ Volumes of sales at different points in the network
 - ❖ Value addition by different actors
 - ❖ Constraints to camel ownership and production
 - ❖ Formal export and cross-border trade with Sudan and other countries
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Methodology

❖ Quantitative analysis

- ❖ primary data: standard social survey to elicit information on
 - ❖ **pastoralists and traders' behavior**
 - ❖ **determinants of pastoralists' market participation**
 - ❖ **herd size and composition**
 - ❖ **ownership, prices, marketing fees, and credit and banking services**
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Methodology

- ❖ Value chain analysis:
 - ❖ Examine camel markets, their relationships, the participating actors at different levels of the chain, internal & external trade routes.
 - ❖ Qualitative analysis:
 - ❖ Analysis of secondary data
 - ❖ focus groups discussion and informant interviews
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Expanding Export Trade from Sudan

Despite general lack of accurate data and a recent livestock census in Sudan, data obtained from the Ministry of Agriculture show a great expansion in camel export, especially to Egypt.

Little data are available on camel products (especially milk and hides and skin)

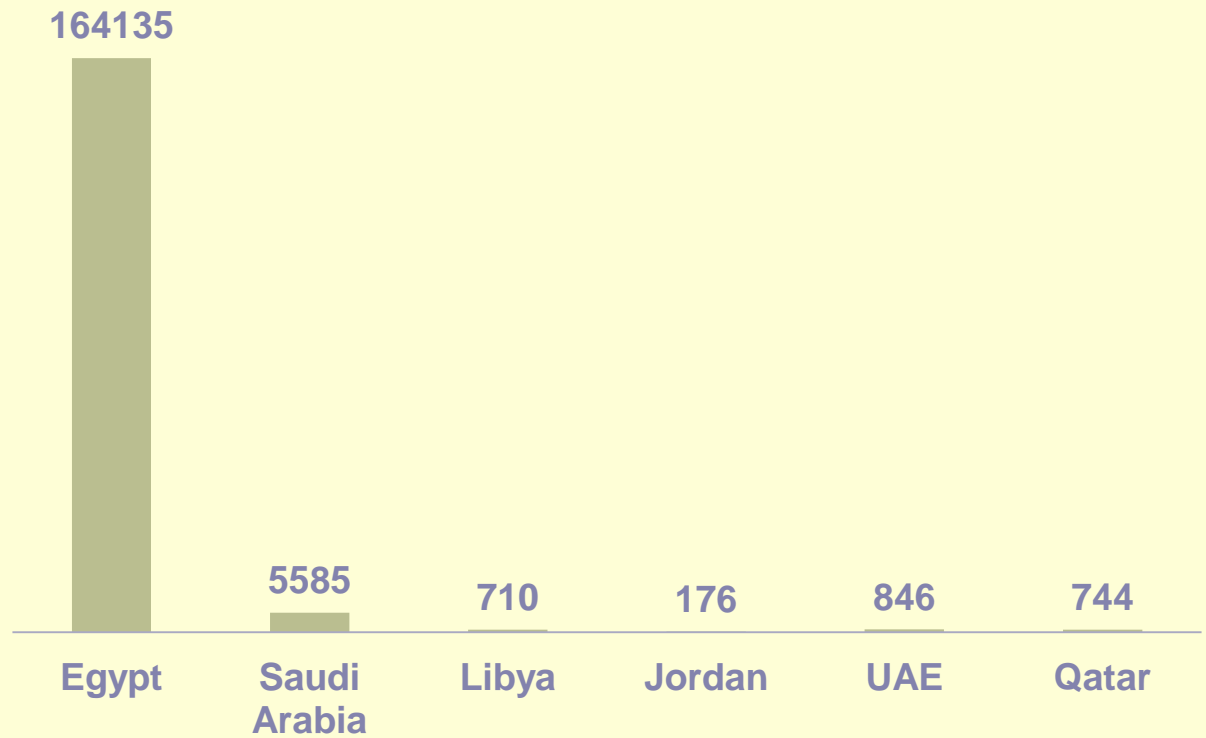
Camel Export Volumes 1992-2010



Average annual export volume during 1995-2010 is 112,000 head.

Importing countries

Import volume by importing country



Prices in Sudanese markets

In Eddamar Market (North Sudan):

- Slaughter animals: \$1,075
- Breeding animals: \$2,500
- Race animals: \$25,000

ElMolih Market (Omdurman)

- From \$1,200 to \$1,300

