

## Reference list for the key variables in the data mapping

Pastoral System (or proximity to) refers to the pastoral systems as stated in the report: the **Maasai** system in Kenya's South Rift Valley, the **Somali** region of Ethiopia, **Borana** Plateau in southern Ethiopia, **Karamoja** in northern Uganda, and **Northern Bahr el Ghazal** region in the greater Bahr el Ghazal livelihood zone of South Sudan.

Open Access refers to whether or not the research team was able to ascertain that the data and methodology descriptions are open to the public (yes/no/unknown to research team).

Sufficiently Designed for mobile pastoralists refers to the design of the data collection for mobile pastoral livelihoods. Marked with 'Yes' when specifically designed for pastoral, agropastoral, riverine livelihoods in the ASAL areas. Notes are provided with additional details.

Data Quality Proxy = Established in the literature refers to the proxy for robustness identified in the Inception Report for this research. If the data has been used in a peer-reviewed academic article or in a published book, then 'yes' has been marked to indicate its robustness has been reviewed positively.

The following indicators were tracked using the household questionnaire when it was publicly available and otherwise utilizing what public materials were available to the research team:

- Household size and demographics
- Indicator on female headed households
- Poverty: consumption expenditure
- Total income (production & consumption)
- Cash income
- Access to Credit
- Poverty: subjective measure
- Household income sources
- Milk production
- Milk consumption
- Milk sales
- Nutrition: stunting/wasting      Dietary diversity
- Health Tropical Livestock Unit Indicator
- Livestock: herd size
- Livestock: breeding/slaughter stock
- Herd death and birth rates
- Herd sale and purchase
- Land: owned/access      Land use patterns
- Access to grazing
- Irrigated land use variable
- Crop production
- Proximity to market
- Migration
- Remittances
- Food aid

- Social transfers/ safety nets
- Education
- Women's Empowerment
- Social Tension
- Weather variability
- Climate change
- Productive assets
- Shocks and shock type
- Coping strategies
- Conflict, violence
- Resilience Indicators Notes & Other