



# FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative



## Animal-human interactions and the nutrition dimension

### Considerations for agricultural/veterinary extension services and beyond

*Photo credit: ILRI/Dave Elsworth/Steve Mann*



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RESEARCH PROGRAM ON  
Agriculture for  
Nutrition  
and Health  
Led by IFPRI

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Animal-human interactions...



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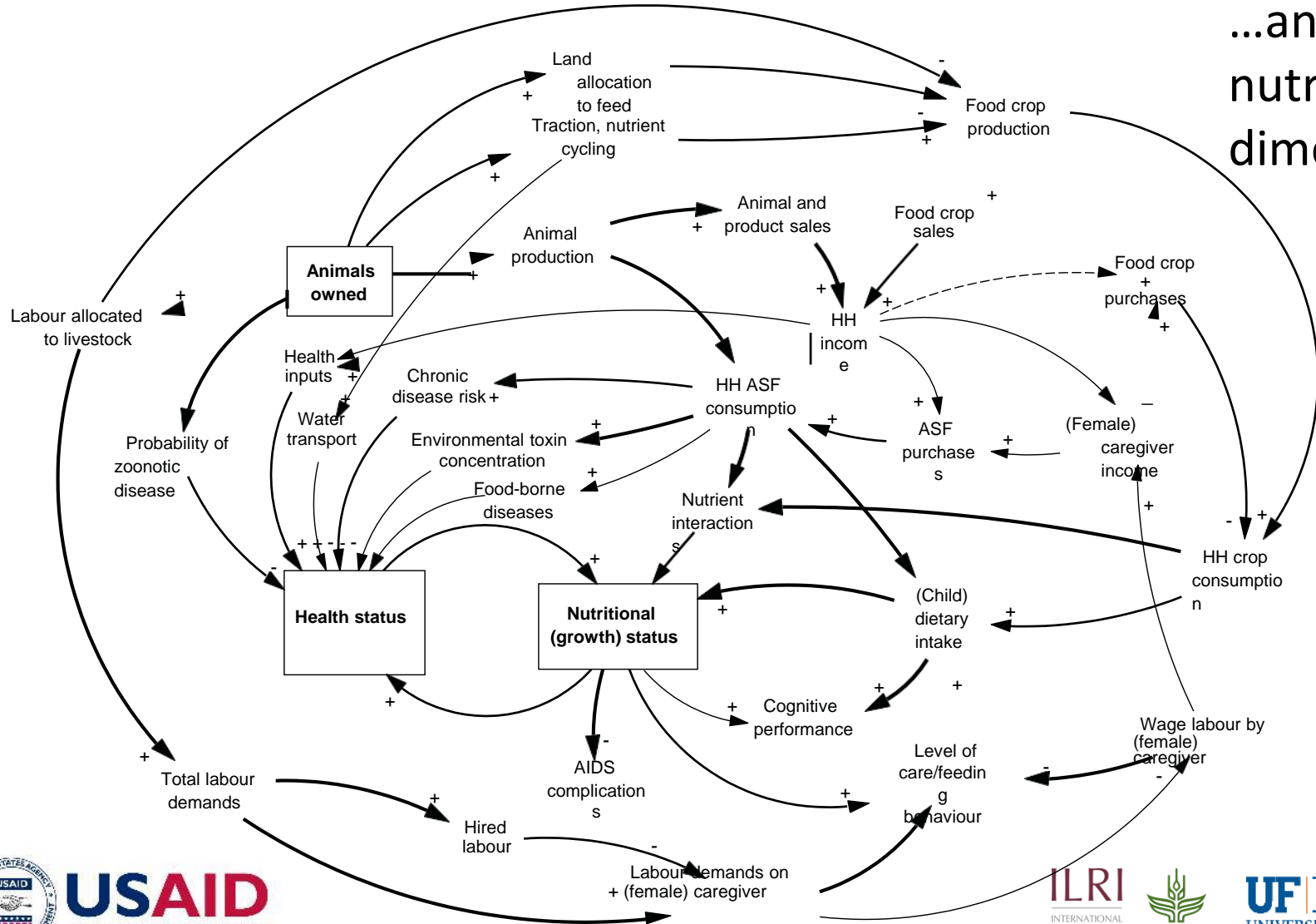
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...and the nutrition dimension



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Can livestock interventions (i.e. increasing productivity, animal transfer...) impact on nutrition outcomes in first 1,000 days?

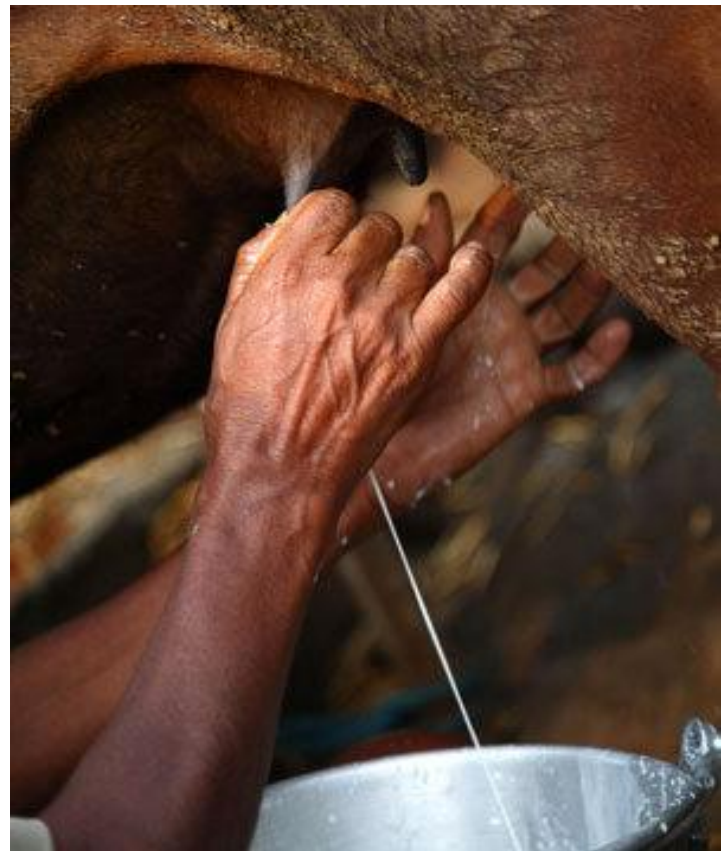
Does an evidence base exist to promote livestock interventions to improve nutrition outcomes?



**DO** improve availability of LDF  
increase incomes  
impact malnutrition determinants

**CAN** improve diets  
micronutrient intake

**MAY** influence nutrition status





- GREATER IMPACT - women and WASH/education
- PROVIDE ENABLING ENVIRONMENTS to maximize impact of nutrition-specific interventions



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## ON THE DARK SIDE...



Zoonotic disease  
(occupational disease)



Asymptomatic conditions

Food-borne disease



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## ...LIVESTOCK EXTENSION SERVICES WITH A DIFFERENCE

- A role for **livestock extension services**?
- What's their **current focus**?
- Is there potential to act as vehicles for **maximizing the *angel side*** of livestock?
- **How do we prepare them?**
- **What re-design is needed?**







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