



Livestock Health as a contributing factor to human health and nutrition outcomes

AIARD 2018



Why is livestock important?

USAID provided \$100 mil of funding to 154 livestock-related activities in FY17



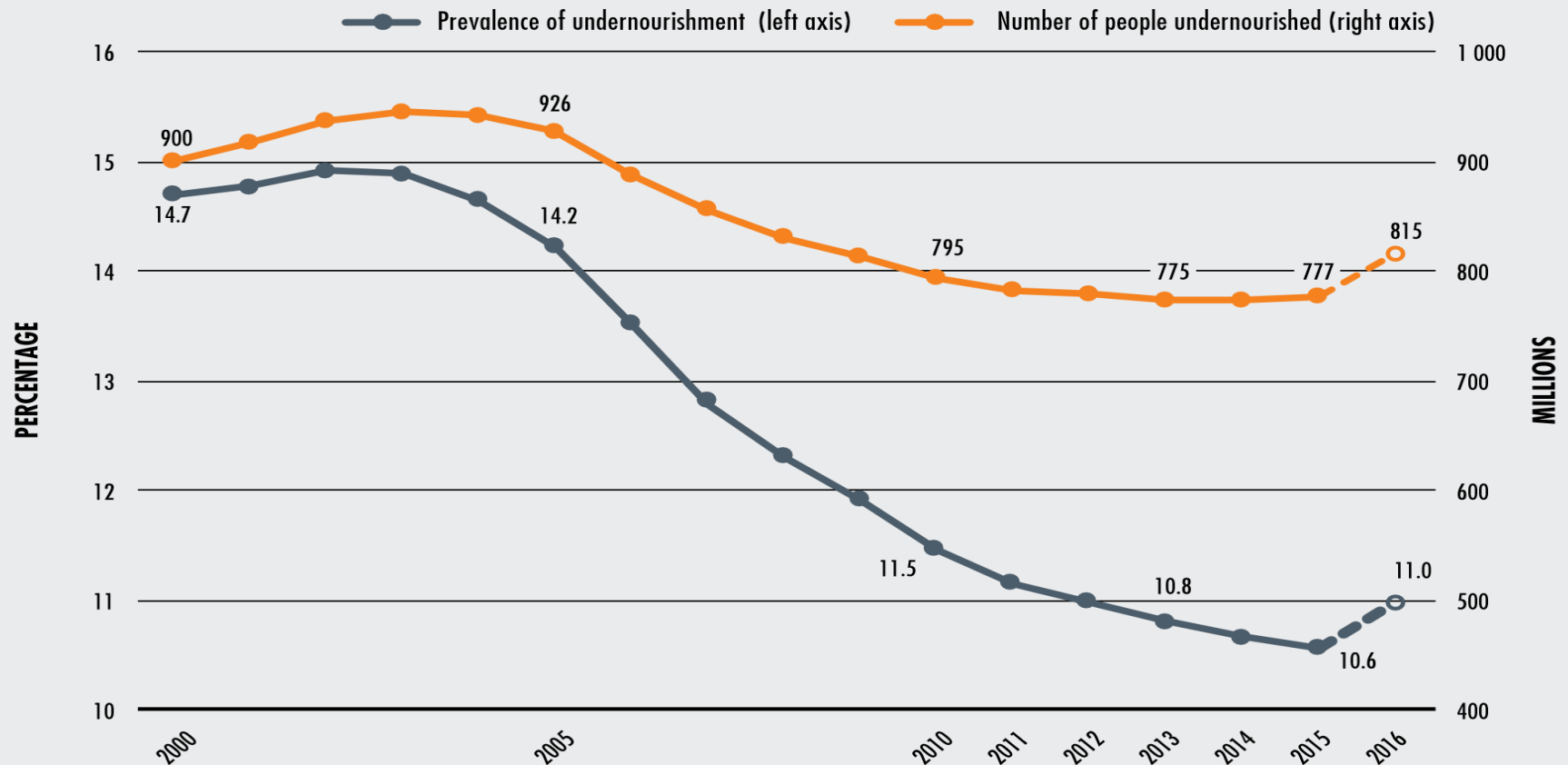


Development Approach

- Increase Access
- Increase Affordability

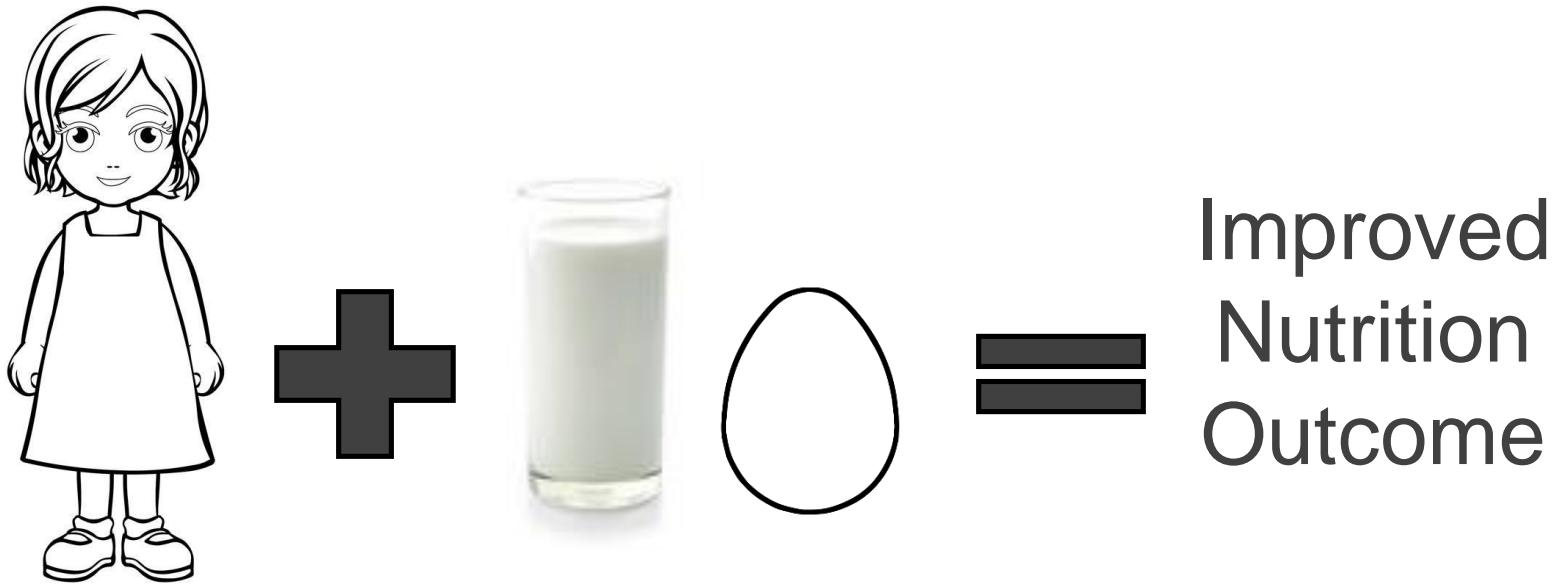


Is it working?



NOTE: Prevalence and number of undernourished people in the world, 2000–2016.
Figures for 2016 are projected estimates (see Box 1 on p. 4 and Methodological notes in Annex 1, p. 95).
SOURCE: FAO.

Why not?



Negative health impact

Focal Areas

- Increased human contact with livestock
- Food safety



Human Contact

- Diarrhea
- Environmental enteropathy
- Antimicrobial resistance



Human Contact

- Swine flu
- Avian influenza
- H1N1

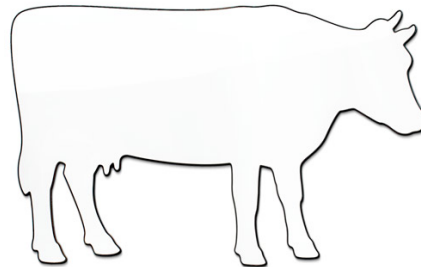
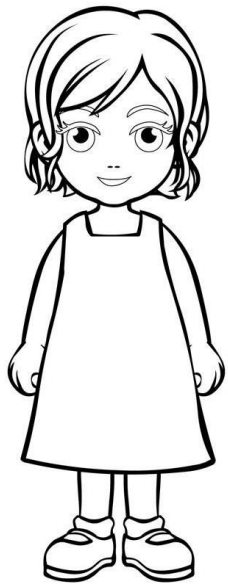


Food Safety

- Tuberculosis
- Parasites
- Bacteria



Solution



Improved
Nutrition
Outcome

Direct Contamination

- Pens/Housing
- Sanitation



Food Contamination

- Filter
- Pasteurize
- Sanitation



Food Contamination

- Cook
- Sanitation



Reduce Disease

- Vaccinate
- Inspect



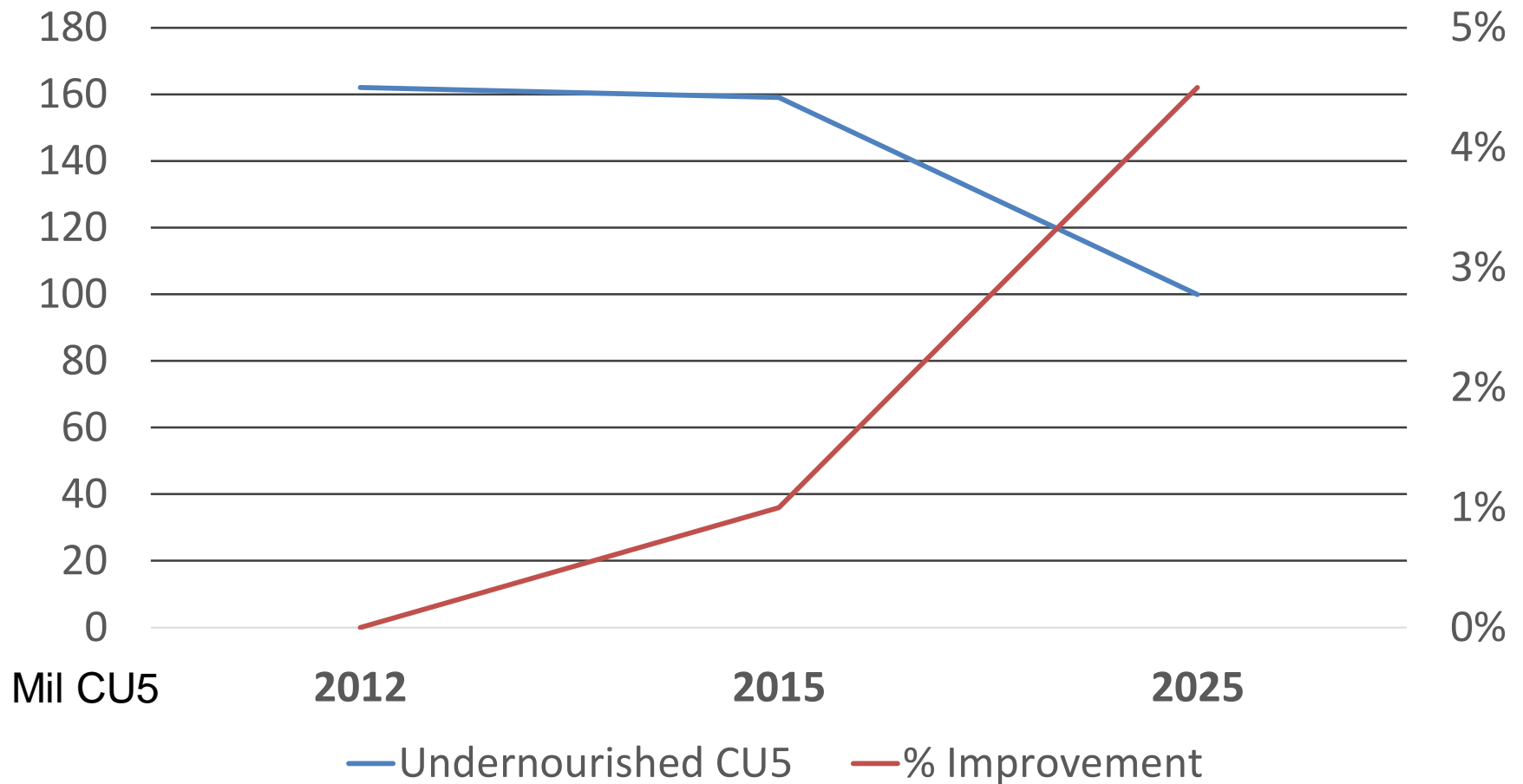


Industry & Government

- Biosecurity
- Phytosanitary protocols



Global Nutrition Targets





Next steps

Step 1: One-Health Awareness





Next steps

Step 2: Develop Best Practices



Next steps

Step 3: Build evidence and learning





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