



Data for Decisions to Expand
Nutrition Transformation

Learning Lab: Making better figures: visualizing data for action

ANH2021 – 22 June
Tricia Aung (taung4@jh.edu)

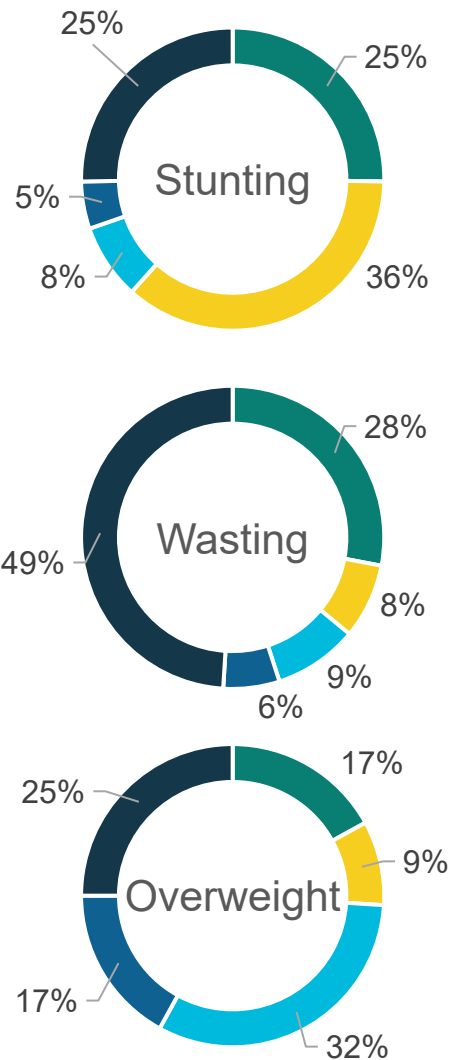
What is the most appropriate graph based on key message?

Zoom Breakout – Exercise 1

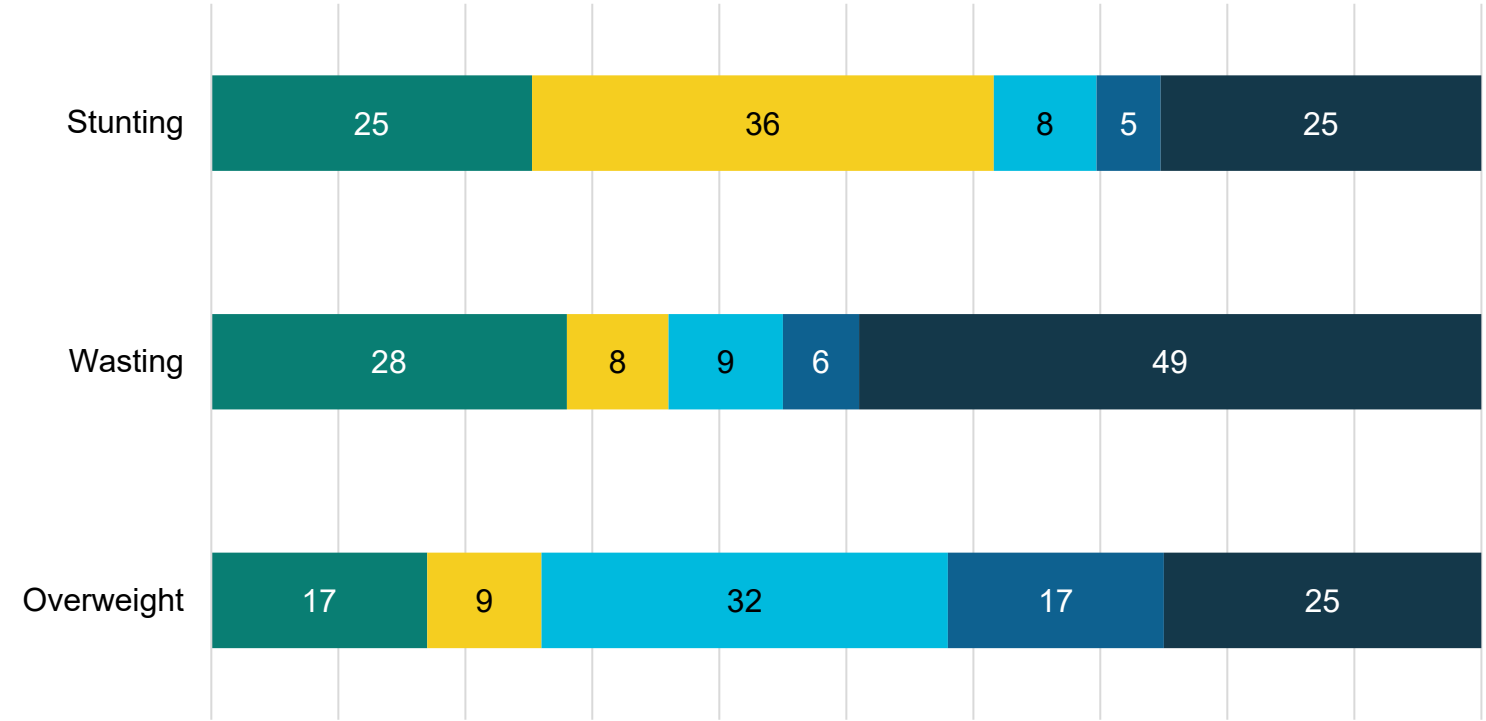
KEY MESSAGE 1

“1 in 4 countries have data that show they are on track to reach WHA targets for child malnutrition, however, we lack data to assess progress in a quarter of countries.”





Country progress towards child malnutrition WHA/SDG targets (2021 JME)



■ On track
 ■ Off track-some progress
 ■ Off track-no progress
■ Off track-worsening
 ■ Assessment not possible

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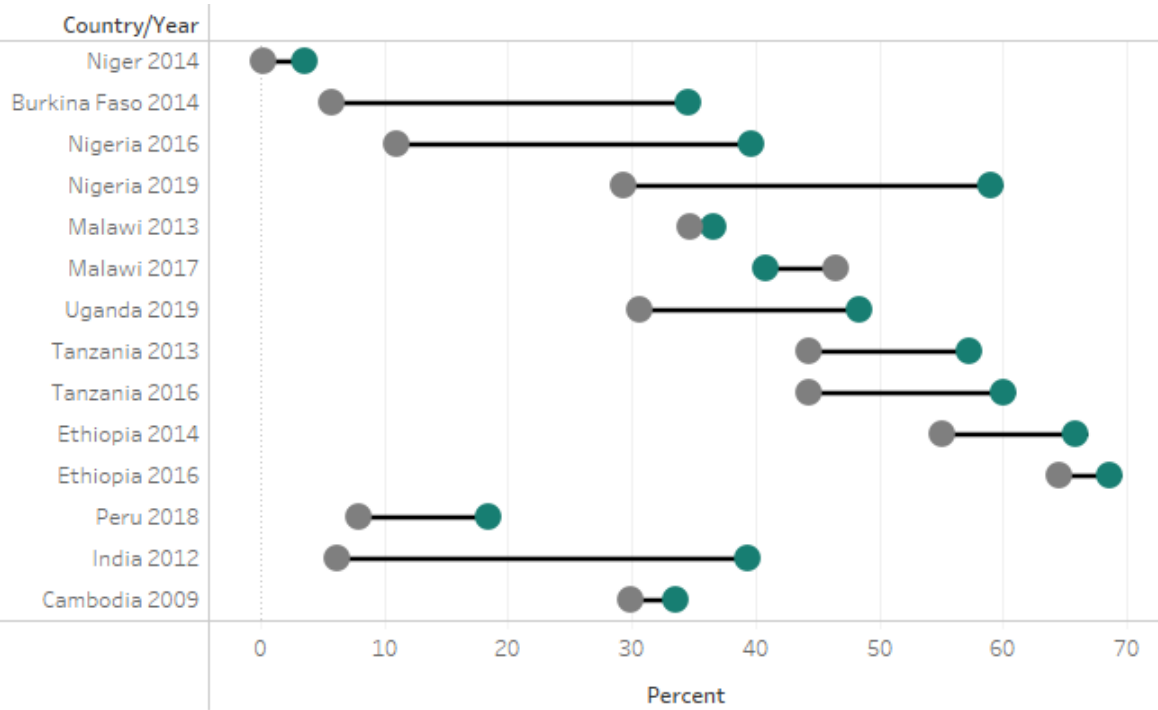


KEY MESSAGE 2

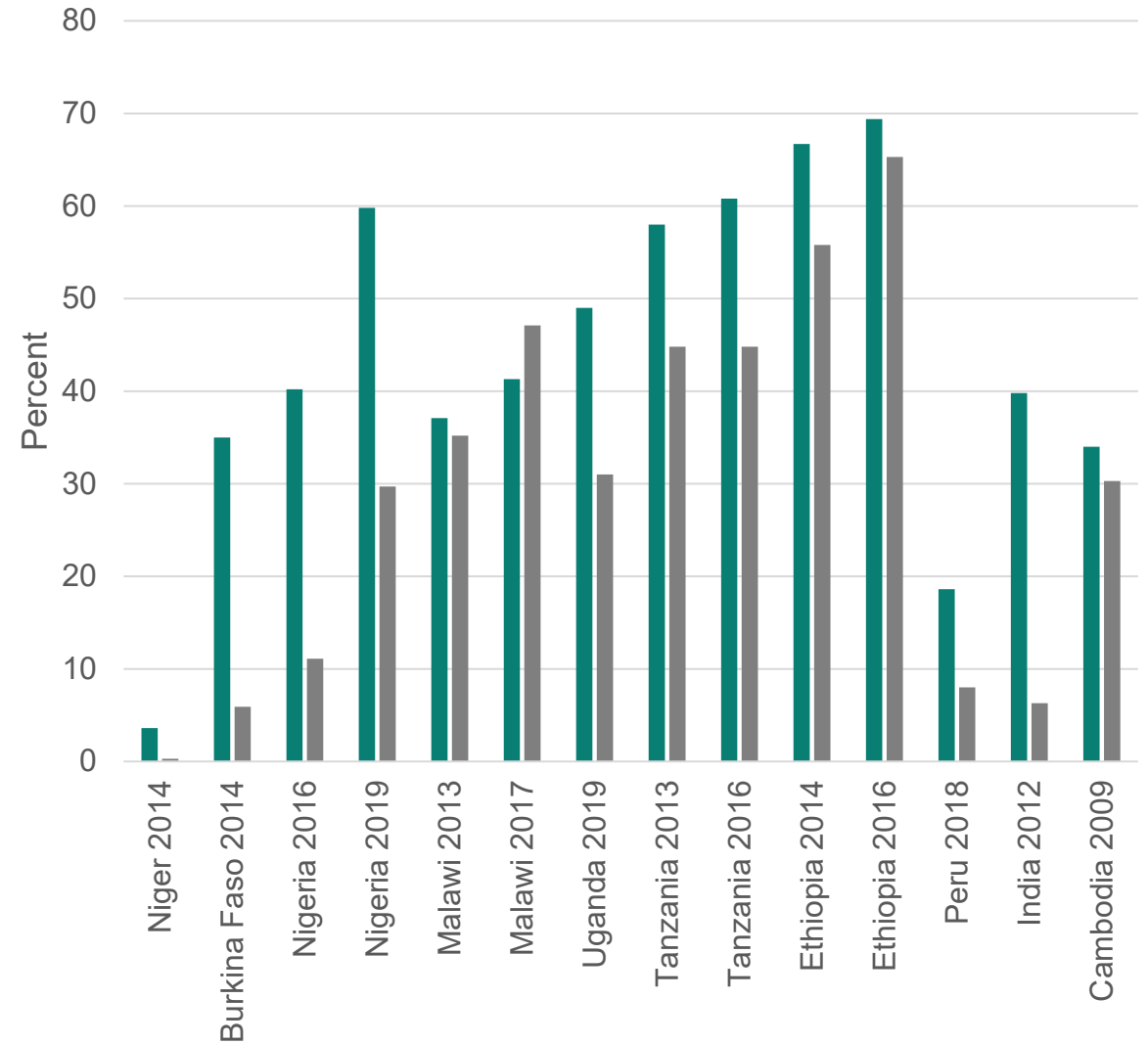
Gender inequalities exist among men and women in ownership and/or tenure rights for agricultural land. In some countries with data available, there is a reduction in this inequality gap over time.



Ownership and/or secure rights over agricultural land among adult agricultural population by gender (FAO 2020)



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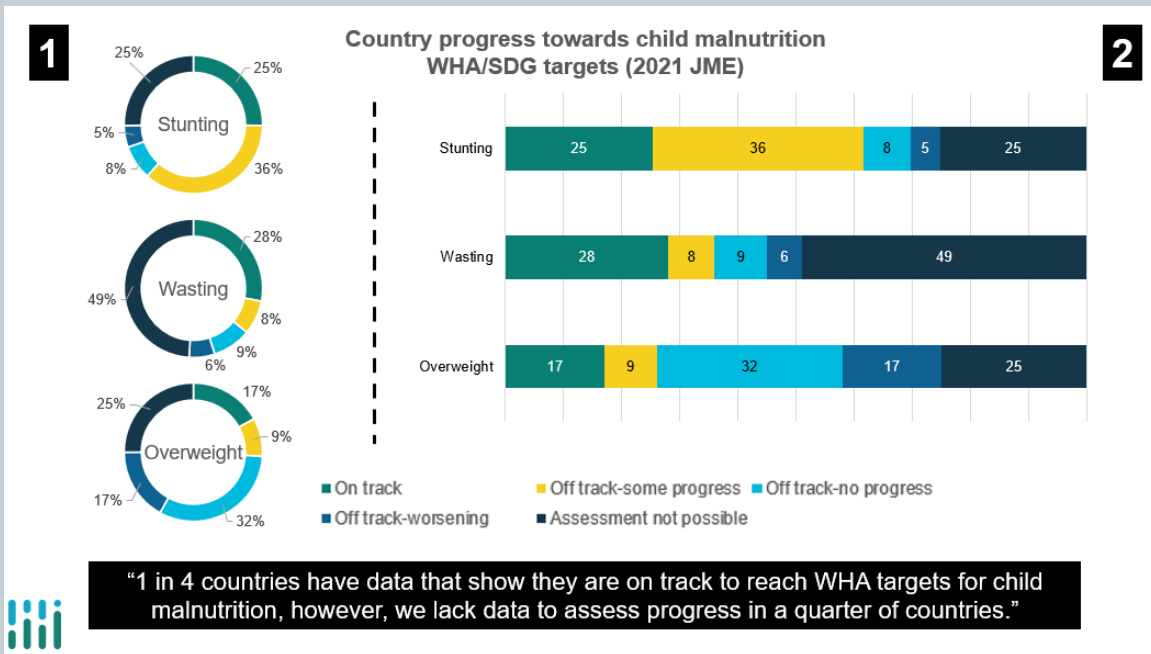


■ Male ■ Female

ZOOM POLL

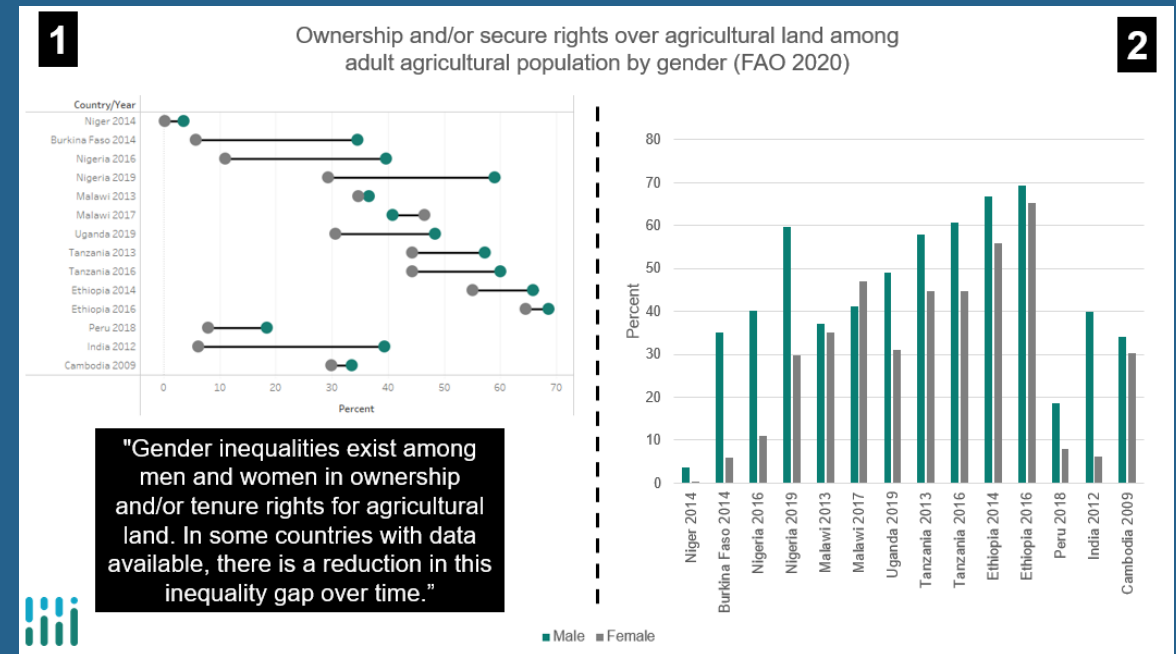
Key Message 1

1 or 2?



Key Message 2

1 or 2?



Case study

Zoom Breakout – Exercise 2

Case Study

Since May 2020, the Malawi National Statistical Office (NSO) and World Bank have conducted High-Frequency Phone Surveys on COVID-19 (HFPS COVID-19) monthly. Below is data from the HFPS COVID-19 conducted between September 14-29, 2021.

Respondents' crop sales in September 2021 compared to that before COVID-19				
Very bad, much less than normal	Not good, less than normal	Average, normal	Good, better than normal	Exceptionally good, much better than normal
10%	44%	17%	20%	8%

The NSO Commissioner of Statistics has requested that you put together a slide that conveys the key message below.

Key Message: Half of respondents report a drop in crop sales during COVID-19

 **Question: What types of graph(s) would you choose to communicate this?**

Case Study

The HFPS COVID-19 survey includes the Food Insecurity Experience Scale (FIES). Below are estimates of (1) moderate or severe and (2) severe food insecurity from the first round of the survey conducted May 26-June 14, 2020.

	Overall	Residence		Wealth				
		Urban	Rural	Q1 (poorest)	Q2	Q3	Q4	Q5 (richest)
Moderate/ Severe	72%	58%	75%	86%	81%	80%	67%	52%
Severe	31%	23%	33%	42%	36%	35%	30%	18%

The NSO Commissioner of Statistics has requested that you put together a slide that conveys the key message below.

Key Message: Both rural and urban households are experiencing high levels of food insecurity. More than 80% of lower income households report moderate or severe food insecurity.

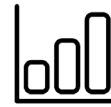


Question: What types of graph(s) would you choose to communicate this?

Case study

Zoom Breakout – Exercise 3

Case Study



Question: What types of graph(s) would you choose to communicate this?

Below are results from the Malawi HFPS COVID-19 survey conducted Jan 20-Feb 6, 2021 on mask compliance.

	Prevalence of wearing a mask in last 7 days in public					
	All of the time	Most of the time	About half of the time	Some of the time	None of the time	Not been in public
July 2020	19%	6%	1%	7%	61%	5%
August 2020	56%	16%	3%	8%	15%	3%
September 2020	47%	23%	4%	13%	11%	1%
November 2020	27%	22%	5%	25%	16%	5%
December 2020	24%	14%	3%	30%	24%	6%
January 2021	64%	11%	2%	9%	5%	8%

The NSO Commissioner of Statistics has requested that you put together a slide that conveys the key message below.

Key Message: Over time, the proportion of the Malawians who report wearing a mask while in public all of the time has increased; in the most recent poll, very few people report never wearing a mask.



Case study

Zoom Breakout – Exercise 4

Case Study

Below is data from the HFPS COVID-19 survey conducted in Sept and Aug 2020.

Access to prenatal or postnatal care among women that needed access			
	Overall	Residence	
		Urban	Rural
Aug 2020	94%	92%	94%
Sept 2020	96%	98%	96%

The NSO Commissioner of Statistics has requested that you put together a slide that conveys the key message below.

Key Message: Between August and September 2020, access to prenatal and postnatal care improved with larger gains in urban compared to rural areas.



Question: What types of graph(s) would you choose to communicate this?

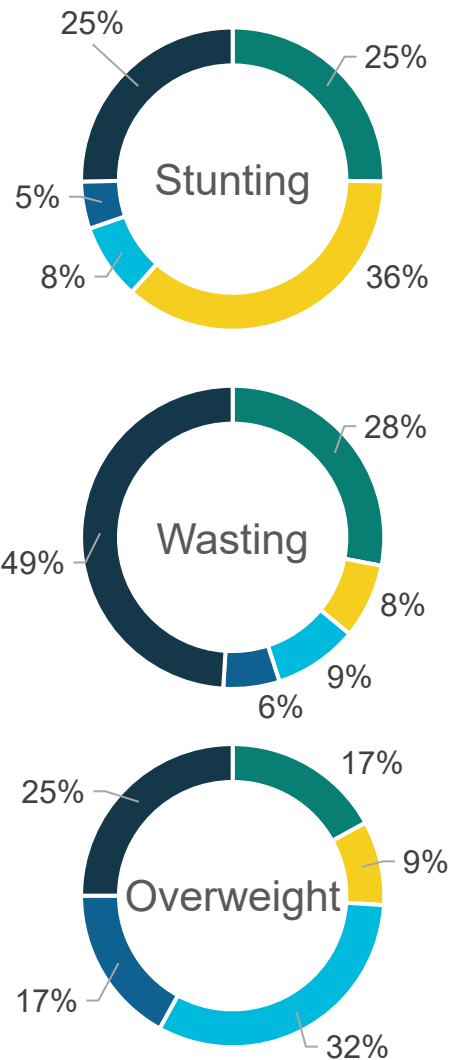
What is the most appropriate graph based on key message? (Revisit)

Exercise 5

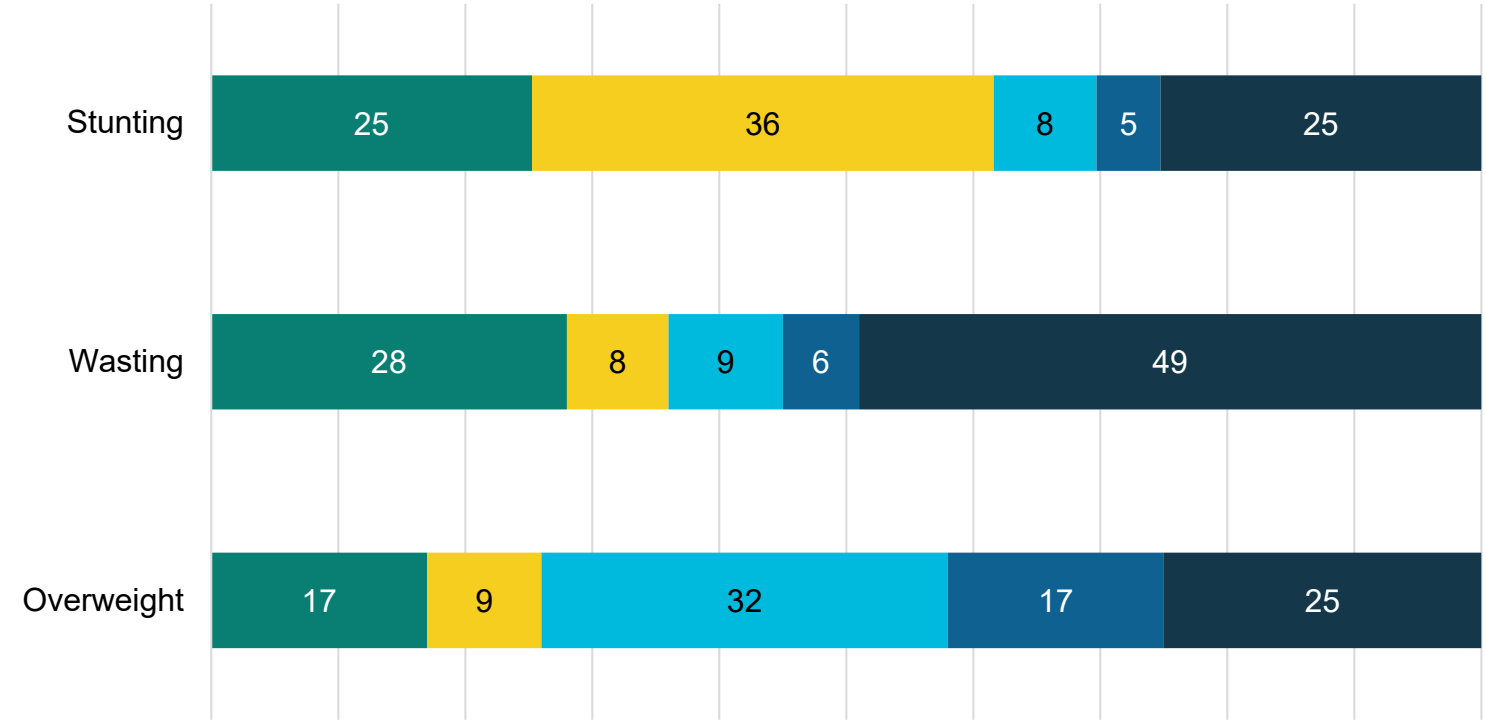
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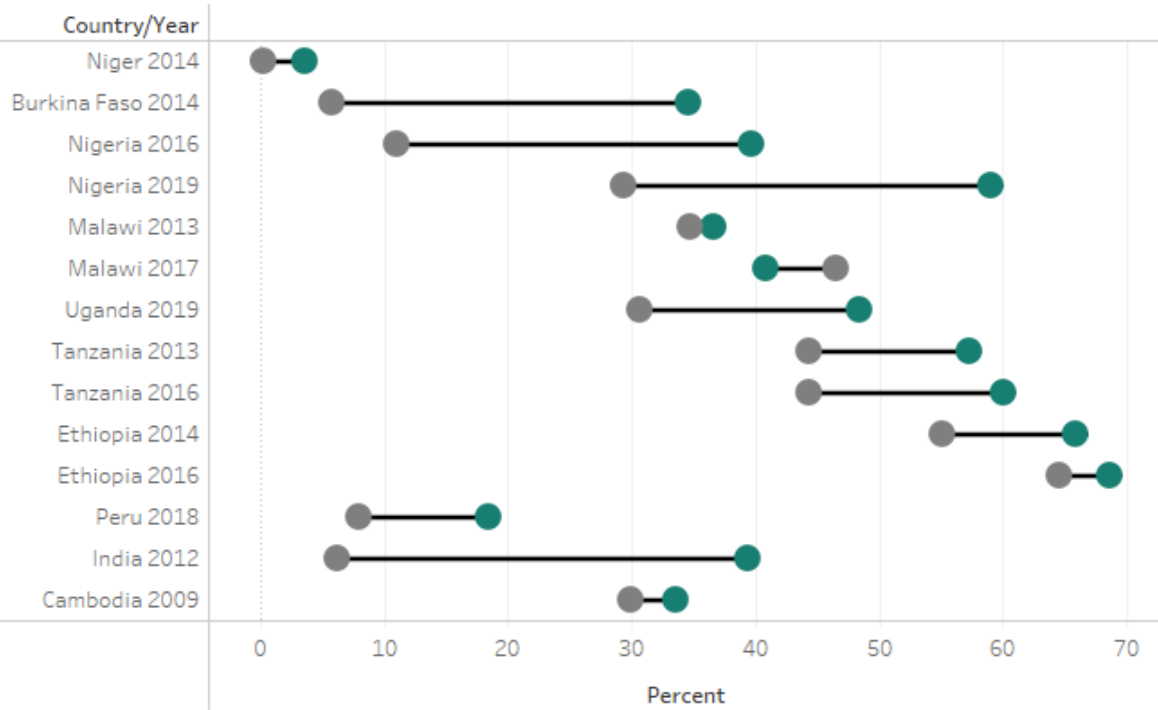


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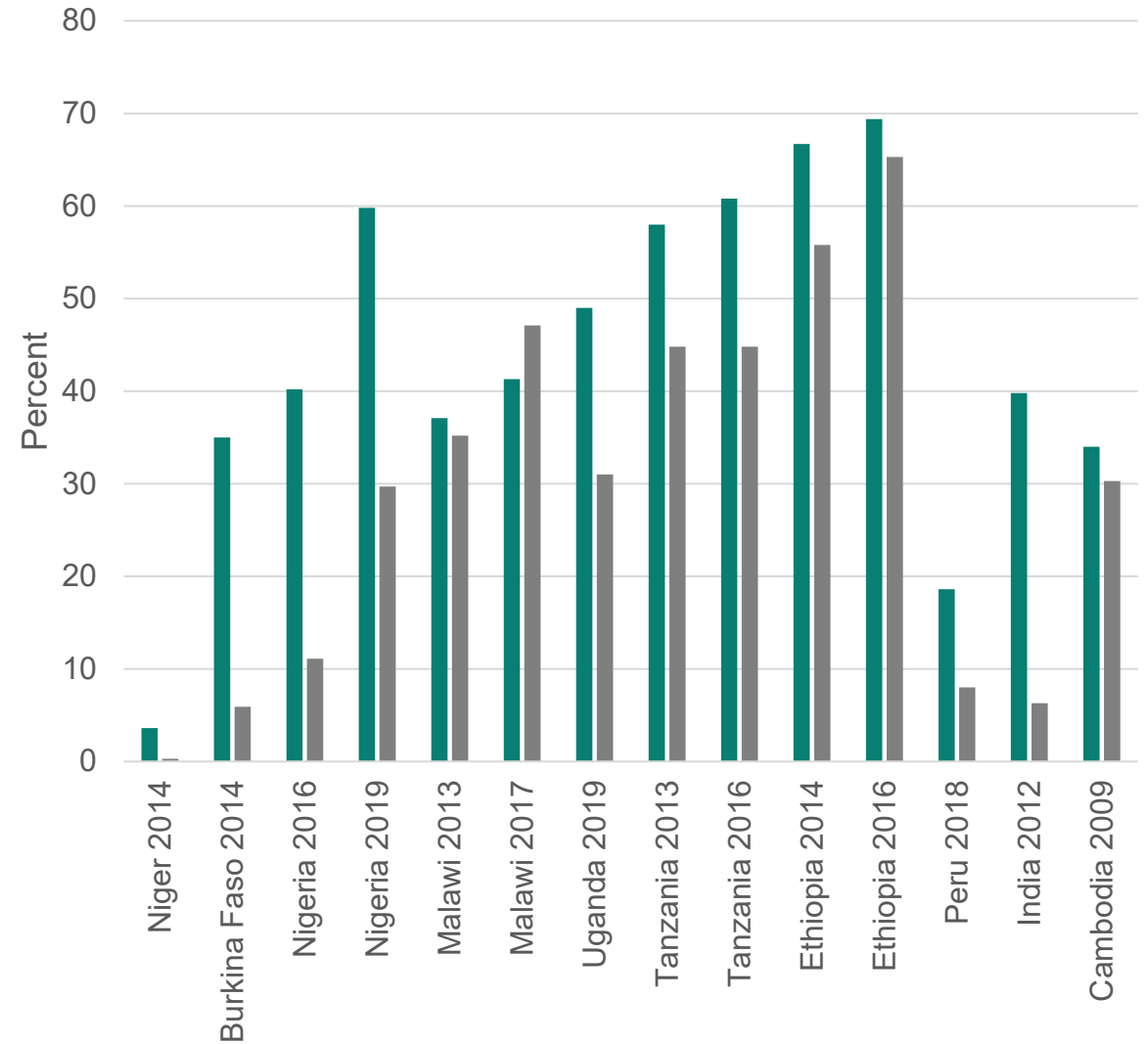
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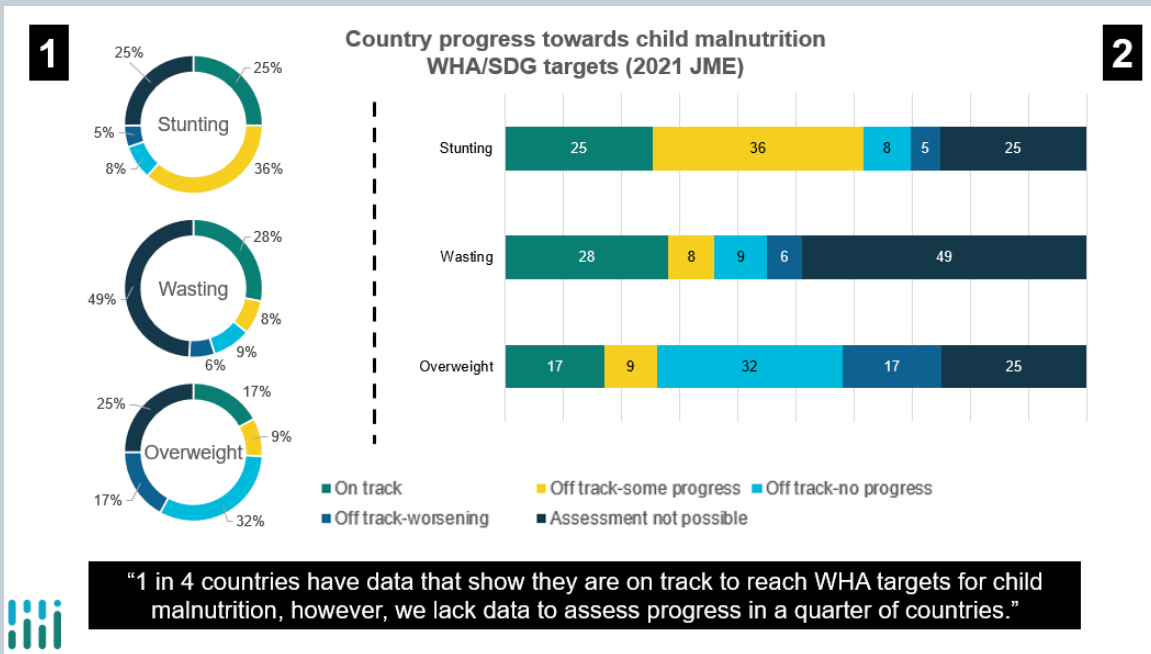


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