

*Equitable prosperity, dignified lives*

# Food security data collection in the Arab region

Economic And Social Commission For Western Asia



UNITED NATIONS

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## Two frameworks considered



### SDG Indicators – Goal 2

#### Food Security Indicators

- Availability
- Access
- Stability
- Utilization



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## **SDG Indicators – Goal 2**

<b>2.1.1</b>	<b>Prevalence of undernourishment (%)</b>
<b>2.2.1</b>	<b>Proportion of children moderately or severely stunted (%)</b>
<b>2.2.2</b>	<b>Proportion of children moderately or severely overweight (%)</b>
<b>2.2.2</b>	<b>Proportion of children moderately or severely wasted (%)</b>
<b>2.5.1</b>	<b>Number of local breeds for which sufficient genetic resources are stored for reconstitution</b>
<b>2.5.1</b>	<b>Number of local breeds kept in the country</b>
<b>2.5.1</b>	<b>Number of local breeds with genetic material stored</b>
<b>2.5.1</b>	<b>Plant breeds for which sufficient genetic resources are stored (number)</b>
<b>2.5.1</b>	<b>Proportion of local breeds for which sufficient genetic resources are stored for reconstitution (%)</b>
<b>2.5.1</b>	<b>Proportion of local breeds with genetic material stored (%)</b>
<b>2.5.2</b>	<b>Local breeds classified as being at unknown level of risk of extinction (number)</b>
<b>2.5.2</b>	<b>Local breeds classified as known being at risk (number)</b>
<b>2.5.2</b>	<b>Local breeds classified as known being not at risk (number)</b>
<b>2.5.2</b>	<b>Proportion of local breeds classified as being at unknown level of risk of extinction (%)</b>
<b>2.5.2</b>	<b>Proportion of local breeds classified as known being at risk (%)</b>
<b>2.5.2</b>	<b>Proportion of local breeds classified as known being not at risk (%)</b>



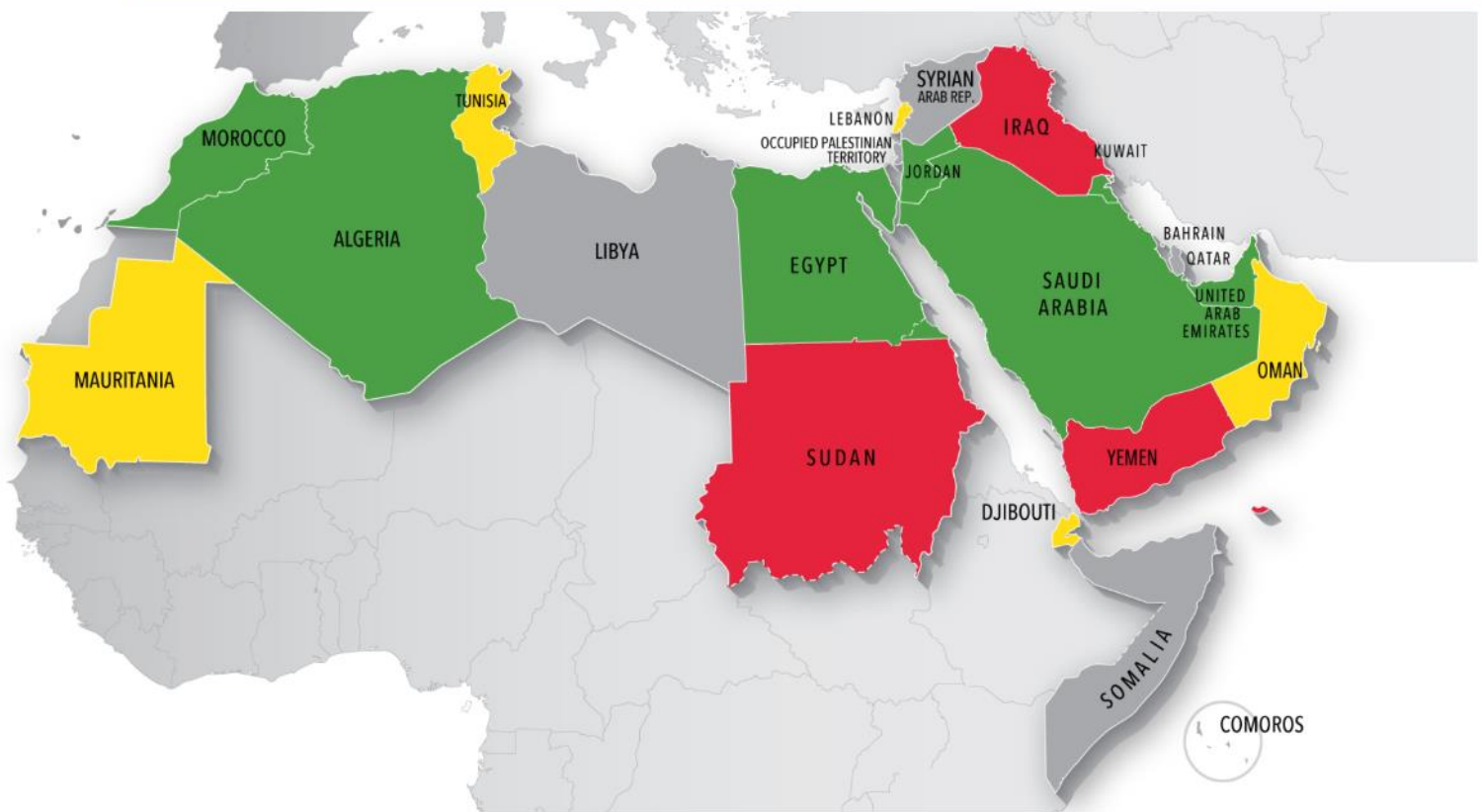
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**2** ZERO HUNGER



2.1.1 prevalence of undernourishment.

- ON TARGET/ACHIEVED
- TOWARDS TARGET IN PROGRESS
- NEEDS EFFORT TO GET TO TARGET/CRITICAL
- NO DATA AVAILABLE



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## TARGET PERFORMANCE'

2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round



2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons



## INDICATOR PERFORMANCE

INDICATOR :

INDICATOR		
2.1.1	Prevalence of undernourishment (%)	●
2.2.1	Proportion of children moderately or severely stunted (%)	●
2.2.2 a	Proportion of children moderately or severely overweight (%)	●
2.2.2 b	Proportion of children moderately or severely wasted (%)	●

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**1999 - 2017**

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Type of indicator	Source	Availability
<b>Availability</b>		
Average dietary energy supply adequacy	FAO	83.5%
Average value of food production	FAO	91.2%
Share of dietary energy supply derived from cereals, roots and tubers	FAO	52.7%
Average protein supply	FAO	52.7%
Average supply of protein of animal origin	FAO	52.6%



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<b>Type of indicator</b>	<b>Source</b>	<b>Availability</b>
<b>Access</b>		
Rail lines density	WB	39.0%
Gross domestic product per capita (in purchasing power equivalent)	WB	91.2%
Prevalence of undernourishment	FAO	100.0%
Prevalence of severe food insecurity in the total population	FAO	11.8%

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<b>Type of indicator</b>	<b>Source</b>	<b>Availability</b>
<b>Stability</b>		
Cereal import dependency ratio	FAO	45.5%
Percentage of arable land equipped for irrigation	FAO	85.0%
Value of food imports over total merchandise exports	FAO	73.3%
Political stability and absence of violence/terrorism	WB/WWGI	94.1%
Per capita food production variability	FAO	95.5%
Per capita food supply variability	FAO	67.4%

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Type of indicator	Source	Availability
<b>Utilization</b>		
Percentage of population using at least basic drinking water services	WHO/UNICEF	91.2%
Percentage of population using at least basic sanitation services	WHO/UNICEF	93.6%
Percentage of population using safely managed drinking water services	WHO/UNICEF	29.7%
Percentage of population using safely managed sanitation services	WHO/UNICEF	93.6%
Percentage of children under 5 years of age affected by wasting	WHO/UNICEF /WB	18.4%
Percentage of children under 5 years of age who are stunted	WHO/UNICEF /WB	18.7%
Percentage of children under 5 years of age who are overweight	WHO/UNICEF /WB	16.8%
Prevalence of obesity in the adult population (18 years and older)	WHO	95.5%
Prevalence of anemia among women of reproductive age (15-49 years)	WHO/WB	100%
Prevalence of exclusive breastfeeding among infants 0-5 months of age	UNICEF/WB	13.9%

## Thank you

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- How to fill the most significant gaps?
  - Severe food insecurity
  - Children under 5 (stunting, wasting, overweight)
  - Infants
- Arab region specifics
  - e.g. transport pattern (access)
- Geospatial dimension
  - Sub-national level / small areas
- Country specific indicators vs. regional & global indicators
- Alternate data sources
  - Remote sensing
  - Non-survey data sources

