

Annex 2.

Food security indicators and trends

Dimension	Indicator	SDG	Year	World	Arab	Gulf Cooperation Council countries	Least developed countries	Middle-income countries	Countries in conflict
Availability	Primary wheat yield as a percentage of potential achievable yield (%)	2.3.1	2016	n.a.	81.2	124.0	n.a.	94.2	56.0
	Agriculture orientation index for government expenditure	2.a.1		n.a.	4.0	0.3	0.1	0.2	n.a.
	Food loss (% of total food available)			n.a.	6.3	2.1	9.9	7.6	4.7
	Average dietary energy supply adequacy (%)			n.a.	129.2	130.8	107.4	142.8	n.a.
	Cereal import dependency ratio (%)			n.a.	61.4	94.3	n.a.	57.2	67.8
	Share of water resources used in agriculture, out of total renewable water resources (%)	6.4.2		n.a.	80.7	71.4	94.7	75.0	88.7
Accessibility	Poverty headcount ratio (% of population)	1.1.1/1.2.1/1.2.2		26.2	33.9	9.8	40.7	17.7	36.5
	Share of food consumption expenditure in total household consumption expenditure (%)		2021	n.a.	31.3	19.0	n.a.	33.1	36.2
	Unemployment rate (%)	8.5.2		6.2	10.7	4.3	18.5	9.7	14.0
	Logistics performance index		2020	2.9	2.6	3.2	2.4	2.7	2.2
	Inflation (%)		2018	1.9	17.3	2.0	275.9	14.2	n.a.

Utilization	Percentage of population using at least basic drinking water services (%)	1.4.1/6.1.1	2020	90.0	88.8	98.5	60.7	96.4	86.0
	Percentage of population using at least basic sanitation services (%)	1.4.1/6.2.1	2020	78.0	83.4	99.0	38.8	93.4	82.9
	Percentage of children under 5 years of age who are stunted (%)	2.2.1	2020	22.2	19.4	4.9	31.4	16.3	24.9
	Percentage of children under 5 years of age affected by wasting (%)	2.2.2	2016	7.5	7.7	n.a.	15.9	6.1	8.5
	Prevalence of anaemia among women of reproductive age (15–49 years) (%)		2017	29.9	33.2	27.1	38.5	30.3	39.5
Stability	Climate change – temperature change (degree Celsius)		2019	1.7	1.9	2.0	1.5	2.1	2.0
	Food price anomalies (moderate or severe)	2.c.1	2020	n.a.	n.a.	n.a.	n.a.	n.a.	-0.1
	Political stability and absence of violence			n.a.	16.0	40.4	5.8	19.7	1.5
	Per capita food production variability (\$1,000/capita) (in constant 2004–2006 \$)			n.a.	15.2	8.0	17.4	14.7	18.9
	Per capita food supply variability (kcal/capita/day)			n.a.	31.1	32.3	20.9	28.1	43.0
Core indicators	Prevalence of undernourishment (%)	2.1.1	n.a.	9.3	11.9	4.5	22.6	5.3	n.a.
	Prevalence of moderate or severe food insecurity measured using FIES (%)	2.1.2	2020	27.6	33.3	n.a.	57.2	27.2	n.a.
	Prevalence of obesity in the adult population (18 years and older) (%)		2019	13.1	28.4	34.2	n.a.	30.0	25.8

Middle-income countries

Indicator		2010	Latest		Trend
Code	Description	Value	Value	Year	
Availability indicators					
AV1	Wheat yields - %	82.7	94.2	2020	●
AV2	Agriculture expenditure - index	0.2	0.2	2018	●
AV3	Food loss (R) - %	6.7	7.6	2020	●
AV4	Dietary energy supply - %	141.2	142.8	2020	●
AV5	Wheat import dependency (R) - %	51.2	57.2	2018	●
AV6	Agriculture water (R) - %	77.7	75.0	2020	●
Access indicators					
AC1	Poverty (R) - %	30.6	17.7	2022	●
AC2	Food consumption (R) - %	42.1	33.1	2018	●
AC3	Unemployment (R) - %	9.4	9.7	2023	●
AC4	Logistics - index	2.6	2.7	2018	●
AC5	Inflation (R) - %	7.0	14.2	2022	●
Utilization indicators					
UT1	Drinking water access - %	92.8	96.4	2020	●
UT2	Sanitation access - %	89.3	93.4	2020	●
UT3	Child stunting (R) - %	18.9	16.3	2020	●
UT4	Child wasting (R) - %	n.a.	6.1	2016	
UT5	Women's anaemia (R) - %	31.5	30.3	2019	●
Stability indicators					
ST1	Climate change (R) - OC	2.2	2.1	2021	●
ST2	Price anomalies (R) - index	n.a.	n.a.		
ST3	Political stability - ranking	22.0	19.7	2021	●
ST4	Production variability (R) - 1,000\$/capita	16.3	14.7	2019	●
ST5	Supply variability (R) - kcal/capita/day	28.6	28.1	2020	●
Core indicators					
C01	Undernourishment (R) - %	4.6	5.3	2020	●
C02	Food insecurity (R) - %	26.1	27.2	2020	●
C03	Obesity (R) - %	25.9	30.0	2016	●

R = Reversed

n.a. = Not available

● Red: negative trend

● Yellow: neutral trend

● Green: positive trend

Gulf Cooperation Council countries

Indicator		2010	Latest		Trend
Code	Description	Value	Value	Year	
Availability indicators					
AV1	Wheat yields - %	117.9	124.0	2020	●
AV2	Agriculture expenditure - index	0.4	0.3	2019	●
AV3	Food loss (R) - %	2.5	2.1	2020	●
AV4	Dietary energy supply - %	125.7	130.8	2020	●
AV5	Wheat import dependency (R) - %	88.2	94.3	2018	●
AV6	Agriculture water (R) - %	76.6	71.4	2020	●
Access indicators					
AC1	Poverty (R) - %	13.6	9.8	2022	●
AC2	Food consumption (R) - %	22.6	19.0	2018	●
AC3	Unemployment (R) - %	4.4	4.3	2023	●
AC4	Logistics - index	3.3	3.2	2018	●
AC5	Inflation (R) - %	4.0	2.0	2021	●
Utilization indicators					
UT1	Drinking water access - %	98.1	98.5	2020	●
UT2	Sanitation access - %	98.6	99.0	2020	●
UT3	Child stunting (R) - %	6.5	4.9	2020	●
UT4	Child wasting (R) - %	n.a.	n.a.		
UT5	Women's anaemia (R) - %	26.1	27.1	2019	●
Stability indicators					
ST1	Climate change (R) - OC	2.0	2.2	2021	●
ST2	Price anomalies (R) - index	n.a.	n.a.		
ST3	Political stability - ranking	49.0	40.4	2021	●
ST4	Production variability (R) - 1,000\$/capita	5.4	8.0	2019	●
ST5	Supply variability (R) - kcal/capita/day	69.3	32.3	2020	●
Core indicators					
C01	Undernourishment (R) - %	6.3	4.5	2020	●
C02	Food insecurity (R) - %	n.a.	n.a.		
C03	Obesity (R) - %	30.3	34.2	2016	●

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Countries in conflict

Indicator		2010	Latest		Trend
Code	Description	Value	Value	Year	
Availability indicators					
AV1	Wheat yields - %	46.6	56.0	2020	●
AV2	Agriculture expenditure - index	n.a.	n.a.		
AV3	Food loss (R) - %	4.7	4.7	2020	●
AV4	Dietary energy supply - %	n.a.	n.a.		
AV5	Wheat import dependency (R) - %	n.a.	67.8	2018	
AV6	Agriculture water (R) - %	86.6	88.7	2020	●
Access indicators					
AC1	Poverty (R) - %	23.3	36.5	2022	●
AC2	Food consumption (R) - %	n.a.	36.2	2017	
AC3	Unemployment (R) - %	11.0	14.0	2023	●
AC4	Logistics - index	2.4	2.2	2018	●
AC5	Inflation (R) - %	5.6	n.a.		
Utilization indicators					
UT1	Drinking water access - %	80.1	86.0	2020	●
UT2	Sanitation access - %	77.0	82.9	2020	●
UT3	Child stunting (R) - %	30.8	24.9	2020	●
UT4	Child wasting (R) - %	n.a.	8.5	2016	
UT5	Women's anaemia (R) - %	39.9	39.5	2019	●
Stability indicators					
ST1	Climate change (R) - OC	2.1	2.0	2021	●
ST2	Price anomalies (R) - index	n.a.	-0.1	2020	
ST3	Political stability - ranking	10.6	1.5	2021	●
ST4	Production variability (R) - 1,000\$/capita	14.3	18.9	2019	●
ST5	Supply variability (R) - kcal/capita/day	33.8	43.0	2020	●
Core indicators					
C01	Undernourishment (R) - %	n.a.	n.a.		
C02	Food insecurity (R) - %	n.a.	n.a.		
C03	Obesity (R) - %	22.3	25.8	2016	●

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Least developed countries

Indicator		2010	Latest		Trend
Code	Description	Value	Value	Year	
Availability indicators					
AV1	Wheat yields - %	n.a.	n.a.		
AV2	Agriculture expenditure - index	n.a.	0.1	2019	
AV3	Food loss (R) - %	2.7	9.9	2020	●
AV4	Dietary energy supply - %	112.1	107.4	2020	●
AV5	Wheat import dependency (R) - %	n.a.	n.a.		
AV6	Agriculture water (R) - %	94.5	94.7	2020	●
Access indicators					
AC1	Poverty (R) - %	n.a.	40.7	2022	
AC2	Food consumption (R) - %	n.a.	n.a.		
AC3	Unemployment (R) - %	15.8	18.5	2023	●
AC4	Logistics - index	2.0	2.4	2018	●
AC5	Inflation (R) - %	12.2	275.9	2021	●
Utilization indicators					
UT1	Drinking water access - %	50.4	60.7	2020	●
UT2	Sanitation access - %	29.1	38.8	2020	●
UT3	Child stunting (R) - %	34.8	31.4	2020	●
UT4	Child wasting (R) - %	n.a.	15.9	2014	
UT5	Women's anaemia (R) - %	39.5	38.5	2019	●
Stability indicators					
ST1	Climate change (R) - OC	1.5	1.5	2021	●
ST2	Price anomalies (R) - index	n.a.	n.a.		
ST3	Political stability - ranking	2.9	5.8	2021	●
ST4	Production variability (R) - 1,000\$/capita	n.a.	17.4	2019	
ST5	Supply variability (R) - kcal/capita/day	18.2	20.9	2020	●
Core indicators					
C01	Undernourishment (R) - %	28.9	22.6	2020	●
C02	Food insecurity (R) - %	n.a.	57.2	2020	
C03	Obesity (R) - %	n.a.	n.a.		

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