



# FAO — SDG 2.A.1, NATIONAL ACCOUNTS AND FINANCE STATISTICS

*6<sup>th</sup> Steering Committee of the Arab Statistics Initiative, 6-7 November 2019*  
*FAO RNE Presentation*

# SDG INDICATORS UNDER FAO CUSTODIANSHIP



2.1.1 Hunger

2.1.2 Severity of food insecurity

2.3.1 Productivity of small-scale food producers

2.3.2 Income of small-scale food producer

2.4.1 Agricultural sustainability

2.5.1.a Conservation of plant genetic resources for food and agriculture

2.5.1.b Conservation of animal genetic resources for food and agriculture

2.5.2 Risk status of livestock breeds

2.a.1 Public Investment in agriculture

2.c.1 Food price volatility



5.a.1 Women's ownership of agricultural land

5.a.2 Women's equal rights to land ownership



14.4.1 Fish stocks sustainability

14.6.1 Illegal, unreported unregulated fishing

14.7.1 Value added of sustainable fisheries

14.b.1 Access rights for small-scale fisheries



6.4.1 Water use efficiency

6.4.2 Water stress



15.1.1 Forest area

15.2.1 Sustainable forest management

15.4.2 Mountain Green Cover

FAO custodian for 21 indicators

# STATUS OF SDG INDICATORS UNDER FAO CUSTODIANSHIP

# May 2019 (9<sup>th</sup> IAEG SDG)

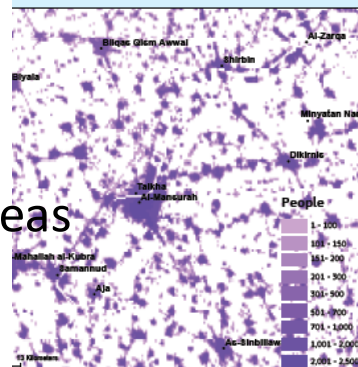
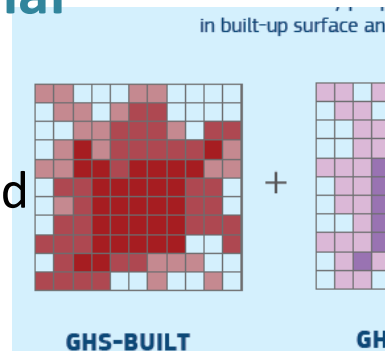
Goal	Indicators								
Goal 2 Food security, Nutrition, Sustainable Agriculture	2.1.1	2.1.2	2.3.1	2.3.2	2.4.1	2.5.1	2.5.2	2.a.1	2.c.1
Goal 5 Gender equality	5.a.1	5.a.2							
						TIER	LEVEL OF DEVELOPMENT		
Goal 6 Use of Water	6.4.1	6.4.2				I	Established methodology exists and data already widely available		
Goal 12 Sustainable Consumption & Production	12.3.1					II	Methodology established but insufficient coverage (<50% country coverage)		
Goal 14 Oceans	14.4.1	14.6.1	14.7.1	14.b.1		III	Internationally agreed methodology not yet developed		
Goal 15 Life on Land	15.1.1	15.2.1	15.4.2						

**November 2015** Only 3 Indicators Tier 1, Now all Tier I or II

# MOVING FROM TIER III TO TIER I...

## New international definitions

- Small scale food producers definition
- Agricultural sustainability definition
- Rural/urban areas



Production unit Number	Operated Land Area (ha)	TLUs (number)	Revenues from crops (\$ PPP constant prices)	Revenues from Livestock (\$ PPP constant prices)	Revenues from fisheries (\$ PPP constant prices)	Revenues from forestry (\$ PPP constant prices)	Total Revenue (\$ PPP constant prices)
PU1	2.91	5.4	2 912	2 261	321	-	5 493
PU2	1.12	1.6	746	442	-	-	1 188
PU3	2.89	5.7	3 292	2 566	-	523	6 380
PU4	4.07	4.4	3 885	2 257	-	-	6 141
PU5	0.2	4.2	2 586	3 715	-	265	6 565
PU6	1.73	5	813	1 279	-	-	2 091
PU7	0.2	12	463	4 743	-	-	5 205
PU8	0.51	1.5	195	342	-	-	536
PU9	6.5	3.5	1 103	223	-	-	1 325
PU10	3.56	4.6	4 599	3 453	-	-	8 052

Human Planet Initiative

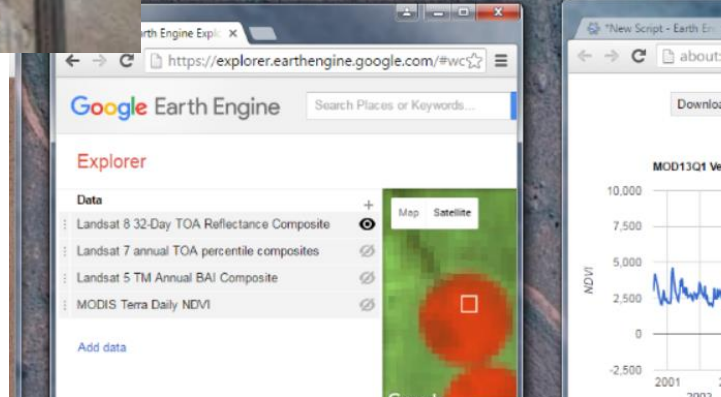
# MOVING FROM TIER III TO TIER I...

## New methodologies and survey tools

- Women's ownership and equal rights to land
- Food loss case study methodology
- Mountain Green Cover Index using OpenForis

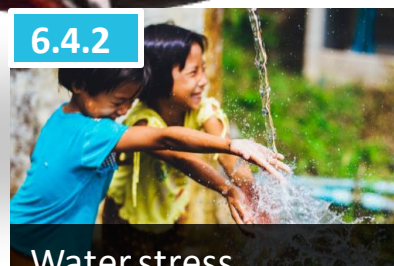
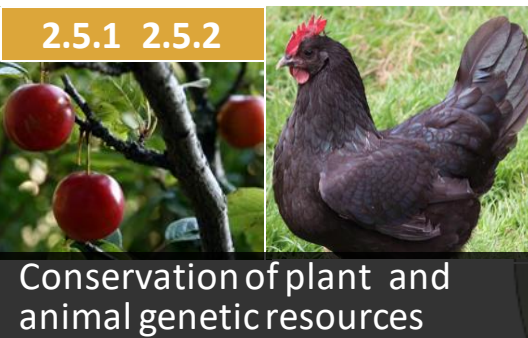


<p>5. What are current uses of this [PARCEL]?</p> <p>SELECT ALL THAT APPLY</p> <p>RESIDENTIAL...1 AGRICULTURAL...2 PASTORAL...3 FOREST...4 BUSINESS/COMMERCIAL...5</p>	<p>6. Is there a document for this [PARCEL] issued by or registered at the Land Registry/Cadastral Agency, such as a title deed, certificate of ownership, certificate of hereditary acquisition, lease or rental contract?</p>	<p>7. What type of documents are there for this [PARCEL], and is your name listed on any of the documents as owner or right use holder?</p> <p>LIST UP TO 3, SHOW PHOTO AID</p> <table border="1"> <tr> <th colspan="2">CODES FOR DOCUMENT TYPE:</th> <th colspan="2">CODES FOR NAME LISTED?</th> </tr> <tr> <td>TITLE DEED.....1</td> <td>CERTIFICATE OF CUSTOMARY OWNERSHIP.....2</td> <td>YES.....1</td> <td>NO.....2</td> </tr> <tr> <td>CERTIFICATE OF OCCUPANCY...3</td> <td>CERTIFICATE OF HEREDITARY ACQUISITION LISTED IN REGISTRY.....4</td> <td>DONT'KNOW...98</td> <td>REFUSAL.....99</td> </tr> <tr> <td>SURVEY PLAN.....5</td> <td>RENTAL CONTRACT, REGISTERED.....6</td> <td></td> <td></td> </tr> <tr> <td>LEASE, REGISTERED.....7</td> <td>OTHER (SPECIFY).....8</td> <td></td> <td></td> </tr> </table> <table border="1"> <thead> <tr> <th colspan="2">DOCUMENT #1</th> <th colspan="2">DOCUMENT #2</th> <th colspan="2">DOCUMENT #3</th> </tr> <tr> <th>DOC. TYPE</th> <th>NAME LISTED?</th> <th>DOC. TYPE</th> <th>NAME LISTED?</th> <th>DOC. TYPE</th> <th>NAME LISTED?</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	CODES FOR DOCUMENT TYPE:		CODES FOR NAME LISTED?		TITLE DEED.....1	CERTIFICATE OF CUSTOMARY OWNERSHIP.....2	YES.....1	NO.....2	CERTIFICATE OF OCCUPANCY...3	CERTIFICATE OF HEREDITARY ACQUISITION LISTED IN REGISTRY.....4	DONT'KNOW...98	REFUSAL.....99	SURVEY PLAN.....5	RENTAL CONTRACT, REGISTERED.....6			LEASE, REGISTERED.....7	OTHER (SPECIFY).....8			DOCUMENT #1		DOCUMENT #2		DOCUMENT #3		DOC. TYPE	NAME LISTED?	DOC. TYPE	NAME LISTED?	DOC. TYPE	NAME LISTED?																		
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# FAO E-LEARNING [HTTPS://ELEARNING.FAO.ORG/](https://elearning.fao.org/)



# SDG DATA & COMMUNICATION PORTAL

**Webpage:**

[www.fao.org/sustainable-development-goals/indicators/en/](http://www.fao.org/sustainable-development-goals/indicators/en/)

**FAO SDG Progress Report:**

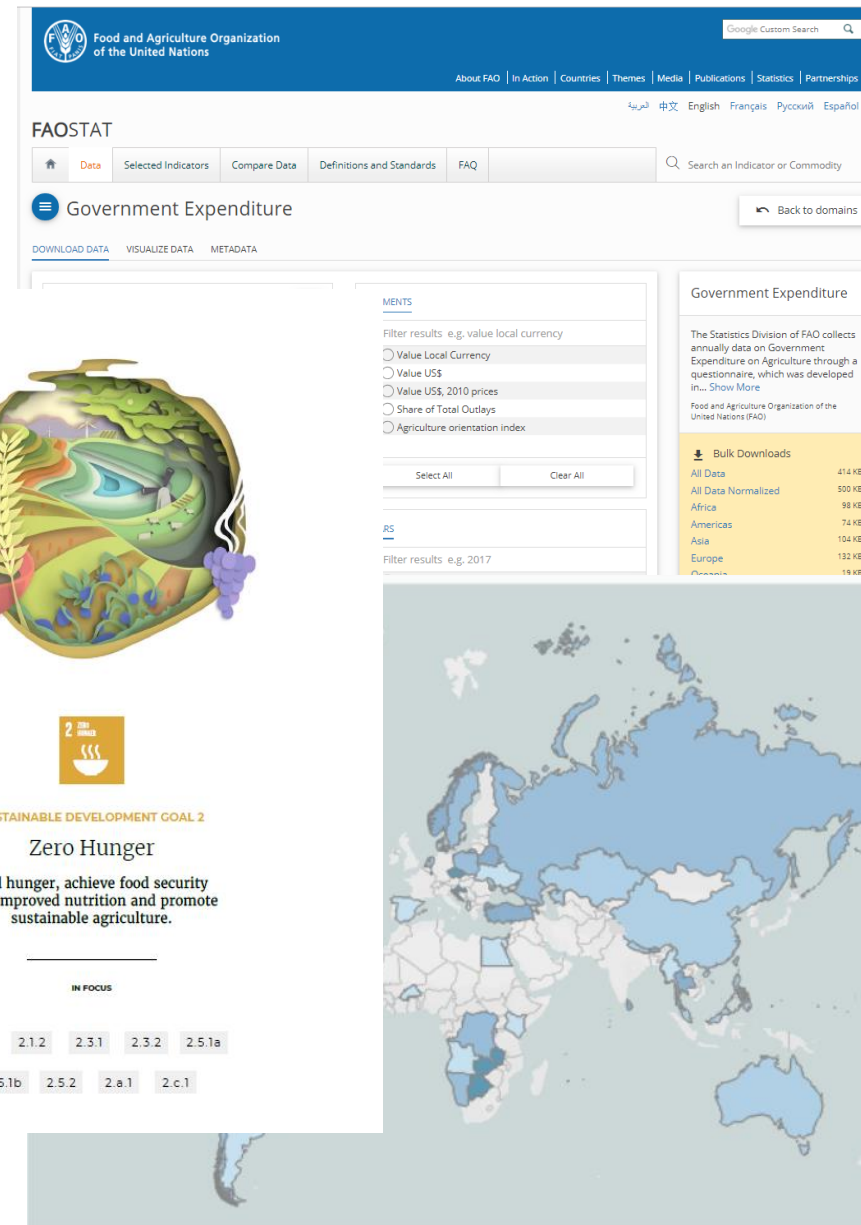
<http://www.fao.org/sdg-progress-report/en/#sdg-2>

**FAOSTAT:**

<http://www.fao.org/faostat/en/#data/IG>

**FAO Media Release**

<http://www.fao.org/economic/ess/investment/expenditure/en/>



# CAPACITY DEVELOPMENT AND TECHNICAL ASSISTANCE





# SDG 2, TARGET 2.A, INDICATOR 2.A.1: AGRICULTURE ORIENTATION INDEX (AOI) FOR GOVERNMENT EXPENDITURES

GFS Method

COFOG

***AOI***

$$= \frac{\text{Agriculture Share of Central Government Expenditure}}{\text{Agriculture Share of GDP}}$$

SNA Method

ISIC Section A

$$= \frac{\left( \frac{\text{Central Government Expenditure on Agriculture}}{\text{Total Central Government Expenditure}} \right)}{\left( \frac{\text{Agriculture Value Added}}{\text{GDP}} \right)}$$

# FAO GEA QUESTIONNAIRE AND INDICATOR

## 2.A.1

- Developed with IMF
- Table 7: IMF GFS Questionnaire – “Expenditure by Function of Government (COFOG)”
- GEA adds more details on Agriculture sector, plus recurrent/capital breakdown

TABLE A: Government expenditure on agriculture and related functions		General Government								Memorandum Central Government (Including Social Security Funds of central government)	
		Central Government (excluding social security funds)				Social Security Funds	State Governments	Local Governments	Consolidation Column		General Government <sup>3</sup>
		Budgetary Central Government	Extrabudgetary Units	Consolidation Column	Central Government <sup>2</sup>						
Functional classification <sup>2</sup>		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7	EXPENDITURE (TOTAL OUTLAYS)										
704	Economic Affairs										
7042	Agriculture, forestry, fishing, and hunting										
	→ Recurrent										
	→ Capital										
70421	Agriculture (crops and animal husbandry)										
	→ Recurrent										
	→ Capital										
70422	Forestry										
	→ Recurrent										
	→ Capital										
70423	Fishing and hunting										
	→ Recurrent										
	→ Capital										
7048	R&D Economic Affairs										
	R&D Agriculture, forestry, fishing, and hunting										
70482											
705	Environmental protection										
7054	Protection of Biodiversity and Landscape										
	→ Recurrent										
	→ Capital										
7055	R&D Environmental Protection										
	→ Recurrent										
	→ Capital										
7z1	Other, please specify:										
7z2	Other, please specify:										

Total central government expenditure

Central government expenditure on agriculture

**Total central government expenditure**

**Central government expenditure on agriculture**

# INDICATOR 2.A.1 POLICY USE AND INTERPRETATION

$$AOI = \frac{3.5}{3.5} = 1.00$$



**AOI = 1 neutral orientation** of central government towards agriculture sector relative to the sector's contribution to the economy.

$$AOI = \frac{1.25}{0.23} = 5.39$$



**AOI > 1 higher orientation** of central government towards agriculture sector relative to the sector's contribution to the economy.

$$AOI = \frac{2.72}{20.45} = 0.13$$



**AOI < 1 lower orientation** of central government towards agriculture sector relative to the sector's contribution to the economy.

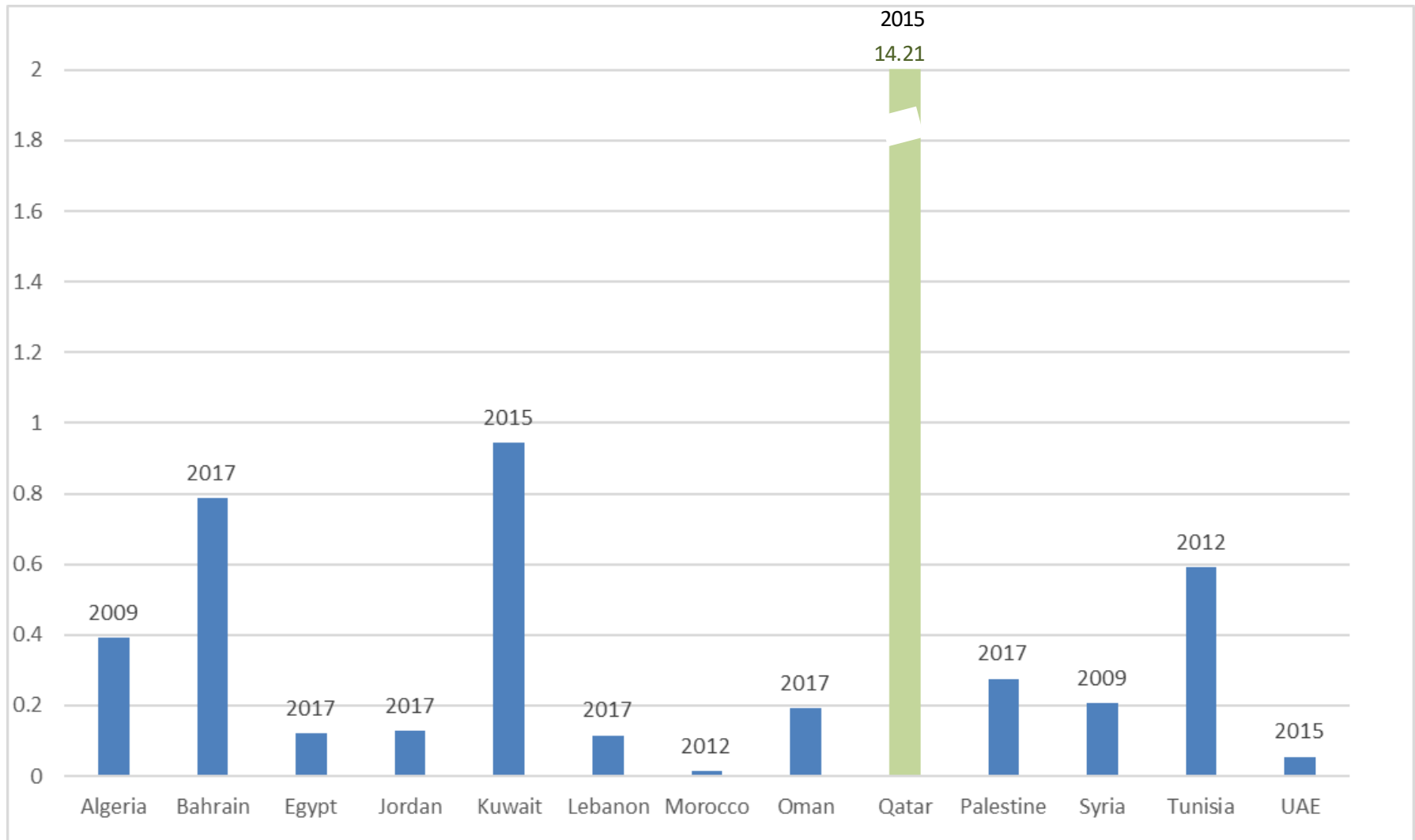
# INDICATOR 2.A.1 ARAB WORLD

Country	Latest Year Available	SDG 2.a.1	2015-2017 Data Available	FAO source
Algeria	2009	0.39	No	
Bahrain	2008	1.11	No	
Comoros			No	
Djibouti			No	
Egypt	2017	0.12	Yes	GEA - FAO
Iraq			No	
Jordan	2016	0.14	Yes	GEA - FAO
Kuwait	2015	0.94	Yes	GFS - IMF
Lebanon	2014	0.08	Yes	GEA - FAO
Libya			No	
Mauritania			No	
Morocco	2012	0.01	No	
Oman	2014	0.49	No	
Palestine	2017	0.28	Yes	
Qatar	2005	14.21	No	

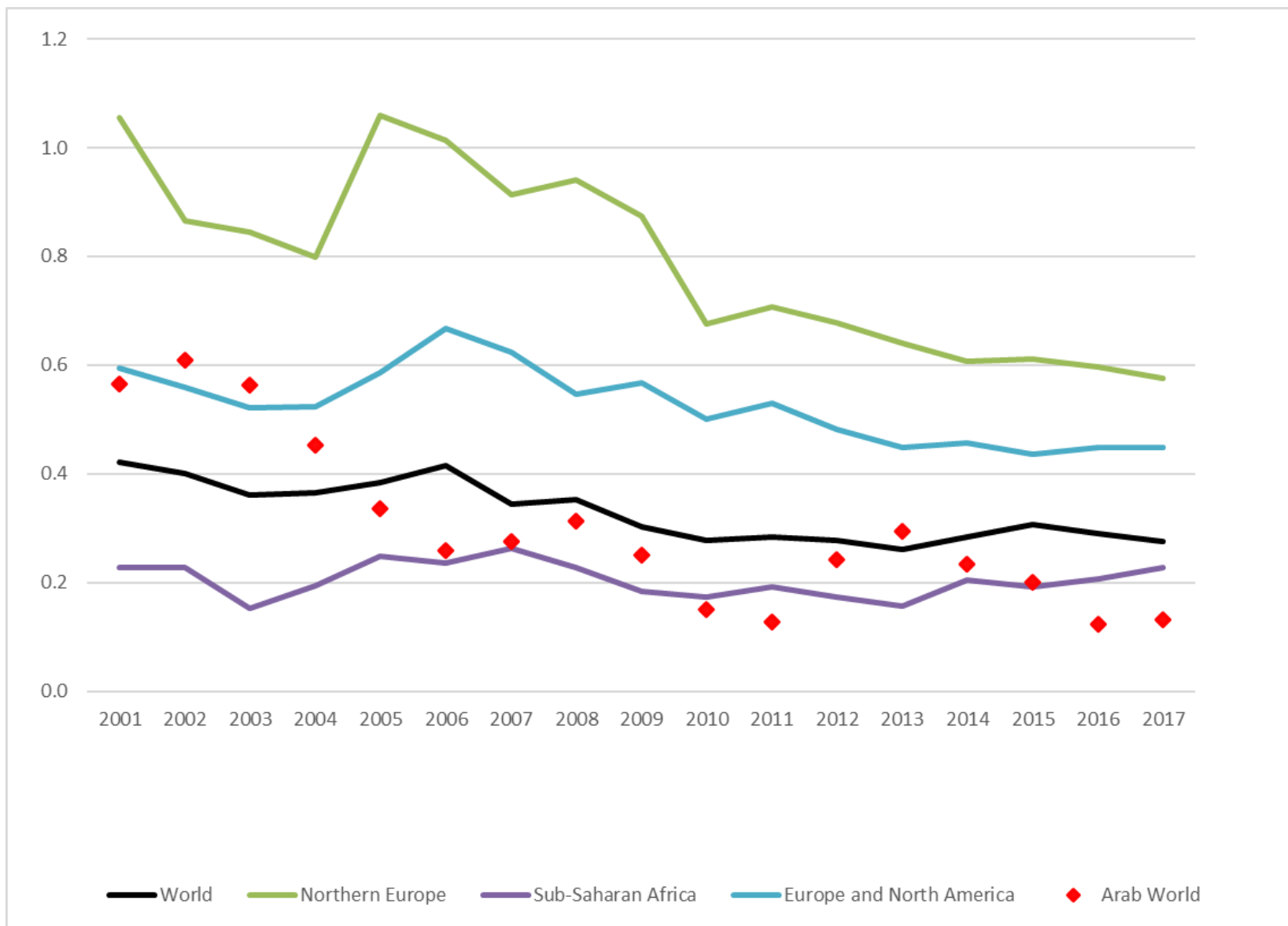
Country	Latest Year Available	SDG 2.a.1	2015-2017 Data Available	FAO source
Saudi Arabia			No	
Somalia			No	
Sudan			No	
Syrian Arab Republic	2009	0.21	No	
Tunisia	2012	0.59	No	
United Arab Emirates	2015	0.05	Yes	GEA - FAO
Yemen			No	



# INDICATOR 2.A.1 STATUS



# INDICATOR 2.A.1 STATUS





Food and Agriculture  
Organization of the  
United Nations



# Thank you!