

# Statistical Capacity Assessment for the FAO-relevant SDG Indicators 2018/19

## Ecuador

The Statistical Capacity Assessment for the FAO-relevant SDG indicators was conducted in early 2019 to provide insights about member countries' national statistical systems regarding their capacity to monitor and report the 21 SDG indicators under FAO custodianship.

Information provided by: *INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS*

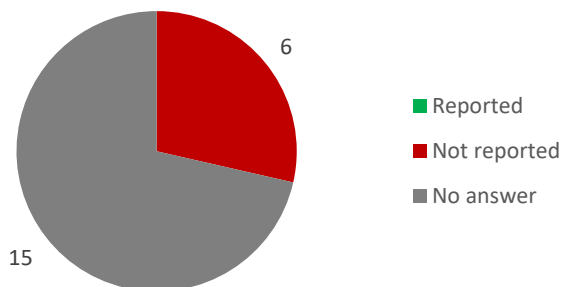
A national committee responsible for the coordination of SDG implementation and reporting has been established by law or administrative order. It is active.

A national coordinator for SDG monitoring has been nominated.

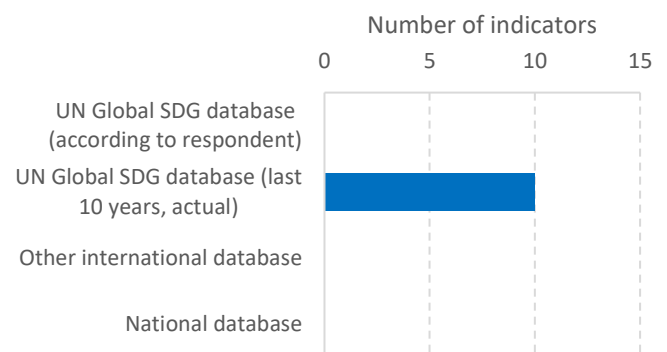
SDG indicators without focal points: 21 out of 21

### I. SDG indicators reporting

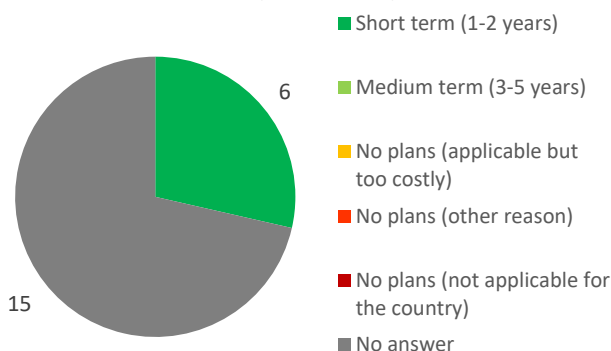
**Figure 1:** Number of SDG indicators currently reported in a national or international database (cf Annex 1)



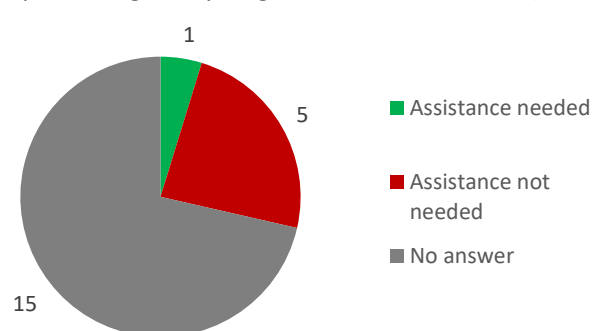
**Figure 2:** Databases where SDG indicators are currently reported (reporting in multiple databases is possible; cf Annex 1)



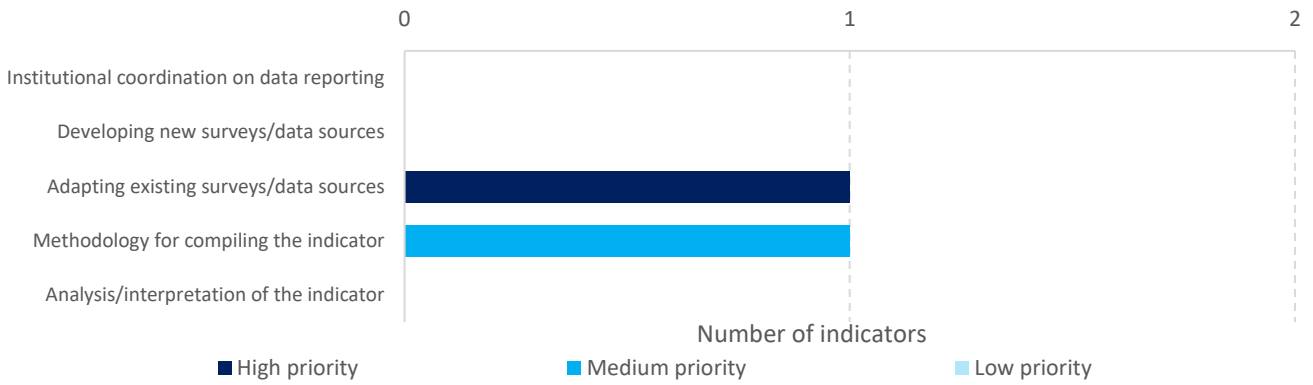
**Figure 3:** Indicators planned to be produced by time horizon (cf Annex 1)



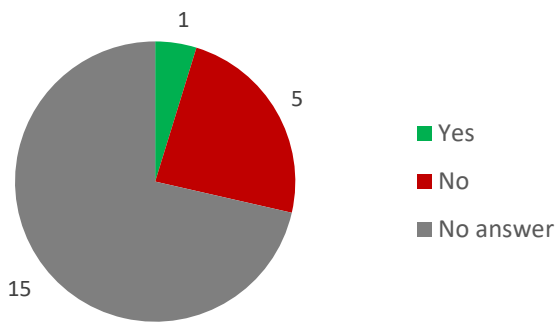
**Figure 4:** Indicators for which assistance for producing/compiling is needed (cf Annex 1)



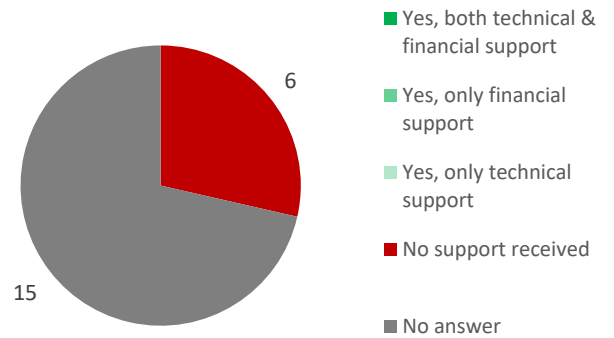
**Figure 5: Type of assistance needed by priority level (cf Annex 1)**



**Figure 6: Perception of lack of financial resources as barrier for indicator compilation**

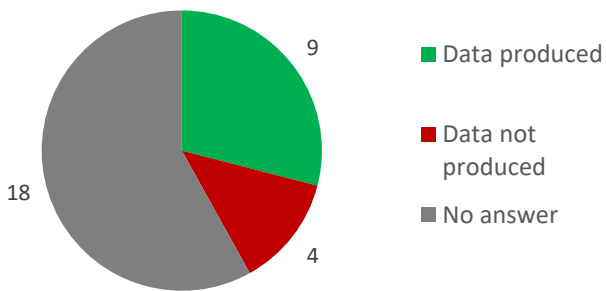


**Figure 7: Financial or technical support from other institutions received or to be received**

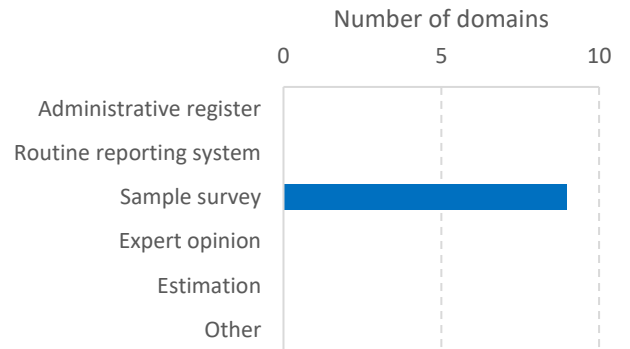


**II. Data availability and statistical methods**

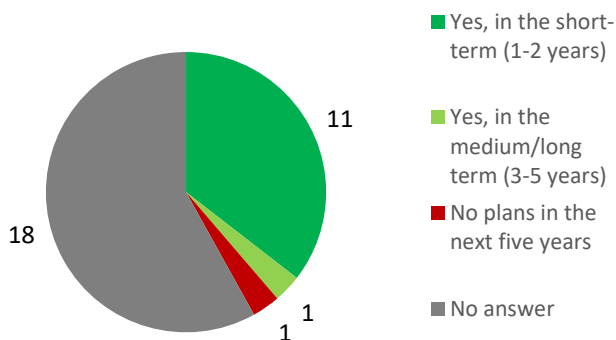
**Figure 8: Number of domains on which data was produced in the last five years (cf Annex 2)**



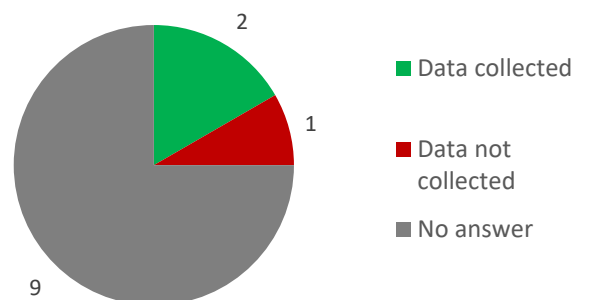
**Figure 9: Sources for published data on domains (multiple answers allowed)**



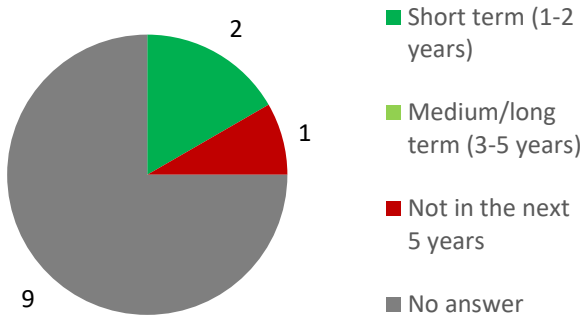
**Figure 10: Number of domains on which data is planned to be produced (cf Annex 2)**



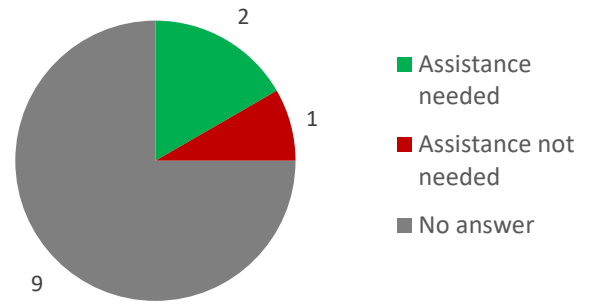
**Figure 11: Number of data sources for which data was collected in the last five years (cf Annex 2)**



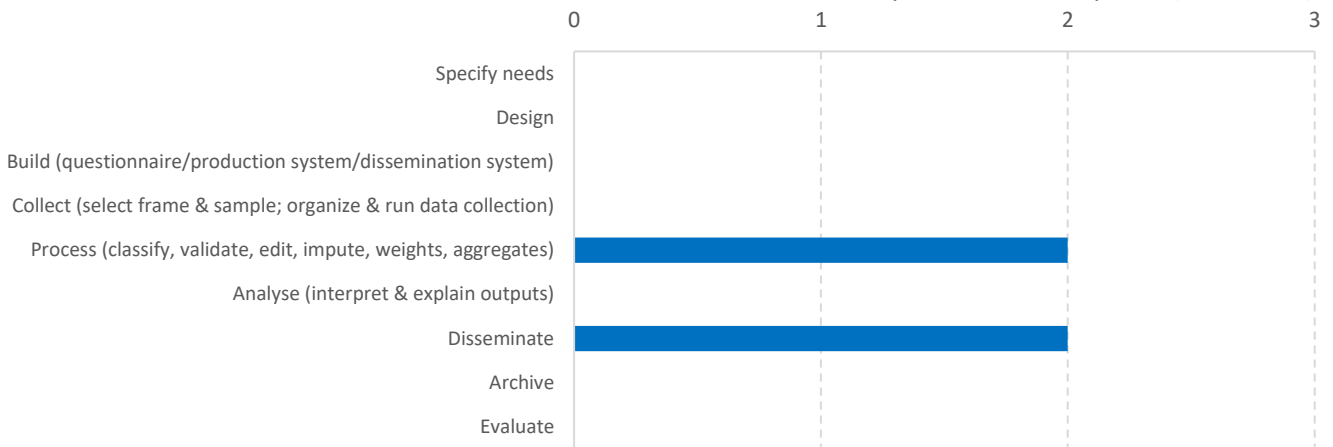
**Figure 12:** Number of data sources for which data collection is planned in the next five years (cf Annex 2)



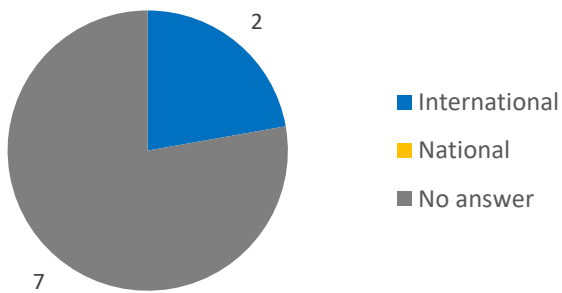
**Figure 13:** Number of data sources for which external assistance is needed



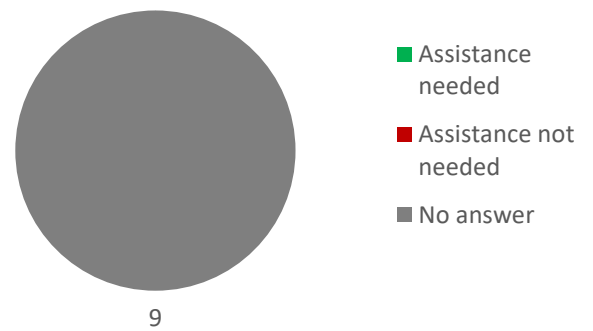
**Figure 14:** Number of data sources for which technical assistance is needed by data collection phase (cf Annex 2)



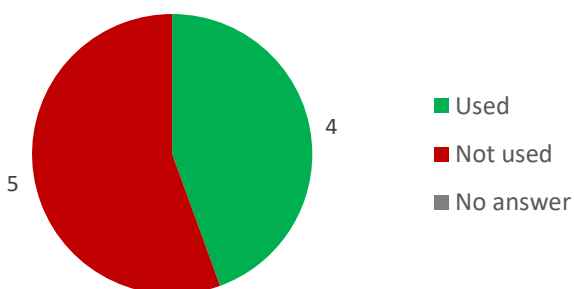
**Figure 15:** Number of domains by type of classification used



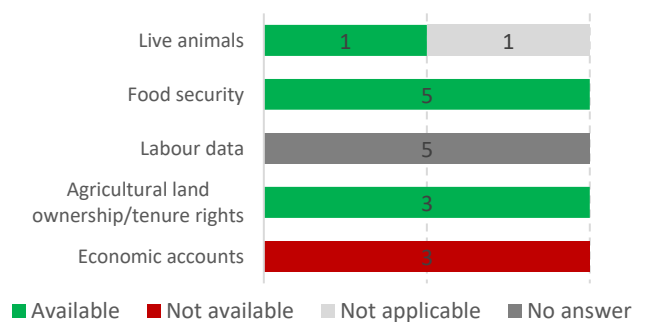
**Figure 16:** Number of domains for which technical assistance for classification is needed



**Figure 17:** Number of uses of Earth Observation data



**Figure 18:** Levels of disaggregation available for selected topics



**Annex 1: Details on selected figures from Section 1 by SDG indicator**

Reporting in international/national databases by indicator (Figures 1 and 2)

	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	5.a.1	5.a.2	6.4.1	6.4.2	12.3.1	14.4.1	14.6.1	14.7.1	14.b.1	15.1.1	15.2.1	15.4.2	
Yes - UN global SDG indicator database (according to respondent)																						
Yes - UN global SDG indicator database (last 10 years, actual)	Green	Green		Green		Green		Green	Green							Green				Green	Green	Green
Yes - Other international database																						
Yes - National database																						
Yes - Not specified																						
No			Red	Red	Red					Red	Red			Red								
No answer	Grey	Grey				Grey	Grey	Grey	Grey			Grey	Grey		Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey

Indicators reported as not applicable to the country are greyed out.  
Irrespective of the colour, a coloured cell indicates the selected answer.

Plans for production by indicator (Figure 3)

	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	5.a.1	5.a.2	6.4.1	6.4.2	12.3.1	14.4.1	14.6.1	14.7.1	14.b.1	15.1.1	15.2.1	15.4.2	
Yes, in the short-term			Green	Green	Green					Green	Green			Green								
Yes, in the medium-term																						
No, it is applicable but it is too costly																						
No (other reason)																						
No, because it is not applicable for the country																						
No answer	Grey	Grey				Grey	Grey	Grey	Grey			Grey	Grey		Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey

Indicators reported as not applicable to the country are greyed out.  
Irrespective of the colour, a coloured cell indicates the selected answer.

Type of assistance needed by priority level (Figure 5)

	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	5.a.1	5.a.2	6.4.1	6.4.2	12.3.1	14.4.1	14.6.1	14.7.1	14.b.1	15.1.1	15.2.1	15.4.2	
Institutional coordination on data reporting																						
Developing new surveys/data sources																						
Adapting existing surveys/data sources														Dark Blue								
Training on the methodology for compiling the indicator and apply it to the national context														Light Blue								
Assistance on the analysis/interpretation of the indicator																						

Dark Blue High priority    Light Blue Medium priority    Grey Low priority  
Indicators reported as not applicable to the country are greyed out.

Annex 2: Details on selected figures from Section 2 by domains and data sources

Status of production and plans for data production by data domain (Figures 8 and 10)

	Produced in the last five years	Production plans
Cropland area	Yes	
Crop yield/production	Yes	
Farm expenses and revenues	No	
Post-harvest losses (for crops and livestock)	Yes	
Post-harvest losses (for fishery)	No	
Live animals (Stocks)	Yes	
Livestock processed (Production quantity)	No	
Livestock productivity	Yes	
Fish catch (marine/inland)	No answer	
Aquaculture production	No answer	
Marine fish stock status	No answer	
Land area equipped for irrigation	Yes	
Water withdrawal for irrigation (crops, forests or livestock)	Yes	
Forest area and forest area change	No answer	
Above-ground biomass stock in forest	No answer	
Sustainable forest management practices	No answer	
Protected forest area	No answer	
Food consumption	No answer	
Food access/Food Insecurity Experience Scale (FIES)	No answer	
Agricultural Producer Prices (Crop and Livestock)	Yes	
Fishery Producer Prices	No answer	
Food Consumer Prices	No answer	
Agricultural land ownership/tenure rights	Yes	
Number of hours worked (e.g. part-time, full-time)	No	
Cost of agricultural production	No answer	
Food Balance Sheets	No answer	
Production accounts for agriculture	No answer	
Income accounts for agriculture	No answer	
Expenditure accounts for agriculture	No answer	
Capital and finance accounts for agriculture	No answer	
System of Environmental-Economic Accounting (SEEA) for Agriculture, Forestry and Fishery	No answer	
<b>Number of data domains for which data were produced in the last five years</b>	<b>9 out of 31</b>	

Status of production and plans for data collection by data source (Figures 11 and 12)

	Data collection carried out in the last five years	Production plans
Census of Agriculture	No	
Crop/Farm survey	Yes	
Livestock survey	Yes	
Fishery and aquaculture capture	No answer	
Fish stock assessment (marine)	No answer	
Water supply and use assessment	No answer	
Forestry Inventory Assessment	No answer	
Household Budget/Income & Expenditure survey	No answer	
Labour Force survey	No answer	
Multipurpose household Survey	No answer	
Nutrition survey	No answer	
Value chain analysis	No answer	

Planned in the short term (1-2 years)  
 Planned in the medium term (3-5 years)  
 Not planned in the next five years  
 No plans specified in the next five years

Technical assistance needed by phase of the data collection process, with reference to the GSBPM (Figure 14)

	Specify needs	Design	Build (questionnaire/production system/dissemination system)	Collect (select frame & sample; organize & run data collection)	Process (classify, validate, edit, impute, weights, aggregates)	Analyse (interpret & explain outputs)	Disseminate	Archive	Evaluate	No assistance needed	Not specified	Number of phases for which assistance is needed
Census of Agriculture												0
Crop/Farm survey												2
Livestock survey												2
Fishery and aquaculture capture												0
Fish stock assessment (marine)												0
Water supply and use assessment												0
Forestry Inventory Assessment												0
Household Budget/Income & Expenditure survey												0
Labour Force survey												0
Multipurpose household Survey												0
Nutrition survey												0
Value chain analysis												0

Annex 3: List of reported focal points by indicator

Indicator	Name	Institution	Email address
2.1.1			
2.1.2			
2.3.1		INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS	
2.3.2		INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS	
2.4.1		INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS	
2.5.1			
2.5.2			
2.a.1			
2.c.1			
5.a.1		INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS	
5.a.2		INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS	
6.4.1			
6.4.2			
12.3.1		INSTITUTO NACIONAL DE ESTADISTICA Y CENSOS	
14.4.1			
14.6.1			
14.7.1			
14.b.1			
15.1.1			
15.2.1			
15.4.2			

**Supplementary table: Mapping of data sources for the SDG indicators, by degree of relevance**

Data sources	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	5.a.1	5.a.2	6.4.1	6.4.2	12.3.1	14.4.1	14.6.1	14.7.1	14.b.1	15.1.1	15.2.1	15.4.2	
Census of Agriculture			Alternative	Alternative						Alternative												
Crop/Farm survey			Best	Best	Best					Best				Best								
Livestock survey							Best															
Fishery and aquaculture capture															Best		Best					
Fish stock assessment (marine)															Best		Best					
Water supply and use assessment												Best	Best									
Forestry Inventory Assessment																				Best	Best	
Household Budget/Income & Expenditure survey	Alternative	Alternative								Alternative												
Labour Force survey		Alternative								Alternative												
Multipurpose household Survey		Best								Best												
Nutrition survey	Best	Best								Alternative												
Value chain analysis														Best								

 Best data source       Alternative data source