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

Pakistan

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: Pakistan Bureau of Statistics

A national committee responsible for the coordination of SDG implementation and reporting has been established by law or administrative order.
A national coordinator for SDG monitoring has been nominated.
SDG indicators without focal points: 0 out of 21

I. SDG indicators reporting

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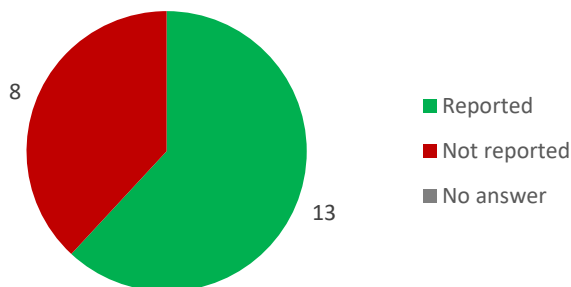

- Reported
- Not reported
- No answer

Figure 2: Databases where SDG indicators are currently reported (reporting in multiple databases is possible; cf Annex 1)
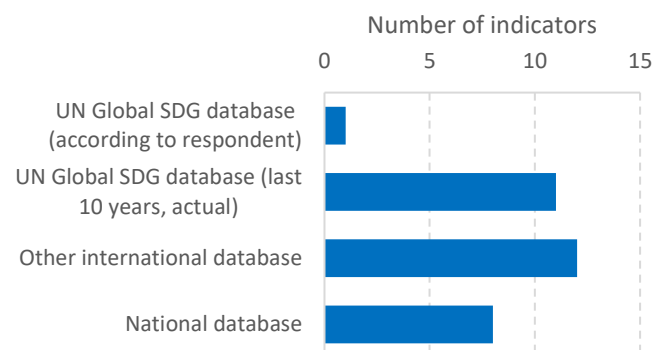
Figure 3: Indicators planned to be produced by time horizon (cf Annex 1)

- Short term (1-2 years)
- Medium term (3-5 years)
- No plans (applicable but too costly)
- No plans (other reason)
- No plans (not applicable for the country)
- No answer
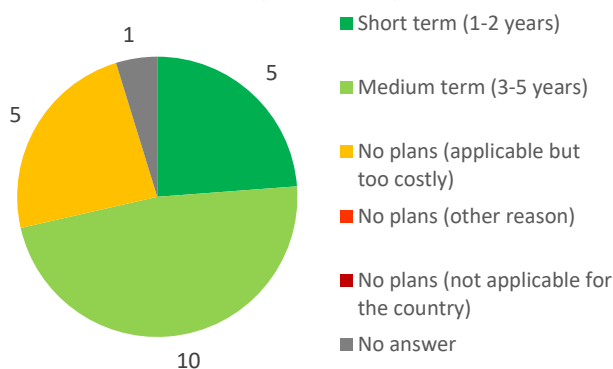
Figure 4: Indicators for which assistance for producing/compiling is needed (cf Annex 1)

- Assistance needed
- Assistance not needed
- No answer
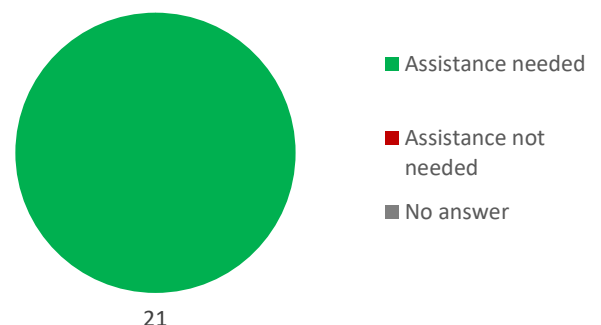
Figure 5: Type of assistance needed by priority level (cf Annex 1)

Number of indicators

Type of assistance	High priority
Institutional coordination on data reporting	21
Developing new surveys/data sources	21
Adapting existing surveys/data sources	21
Methodology for compiling the indicator	20
Analysis/interpretation of the indicator	20

- High priority
- Medium priority
- Low priority
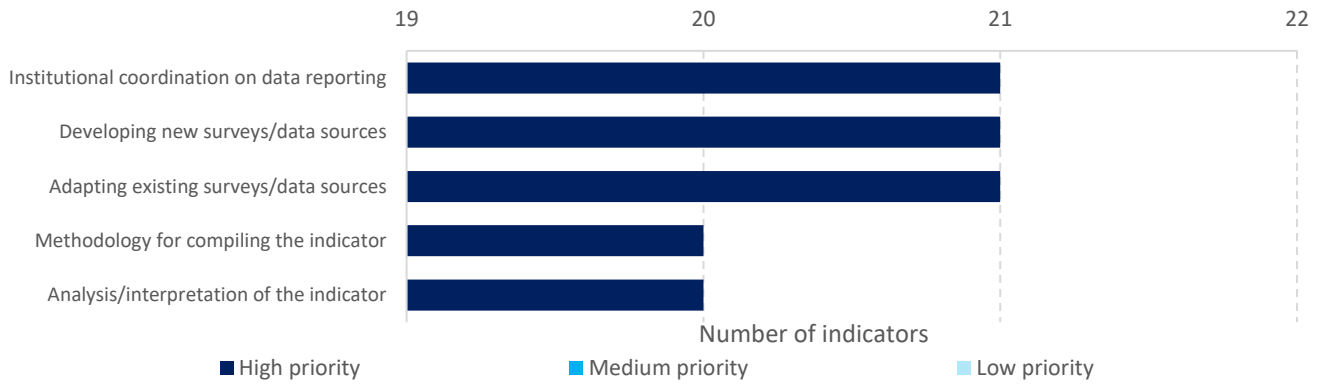
Figure 6: Perception of lack of financial resources as barrier for indicator compilation

- Yes: 14
- No: 5
- No answer: 2
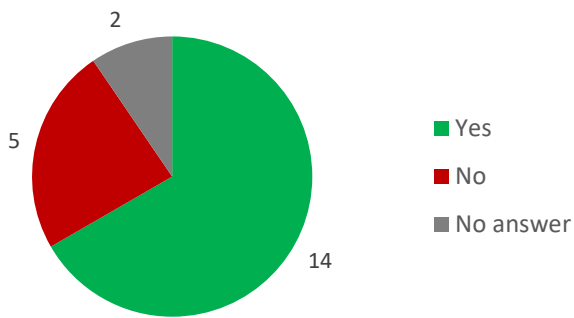
Figure 7: Financial or technical support from other institutions received or to be received

- Yes, both technical & financial support: 2
- Yes, only financial support: 6
- Yes, only technical support
- No support received: 9
- No answer: 4
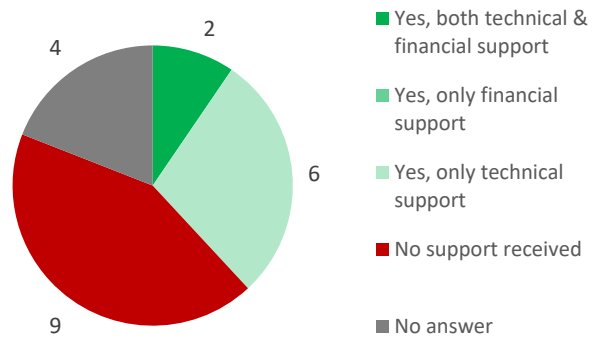
II. Data availability and statistical methods

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

- Data produced: 27
- Data not produced: 3
- No answer: 1
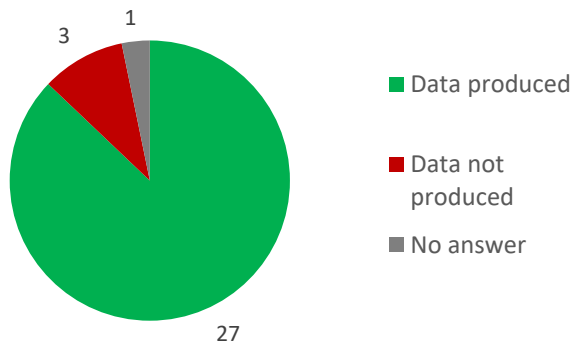
Figure 9: Sources for published data on domains (multiple answers allowed)

Number of domains

Source	
Administrative register	
Routine reporting system	~21
Sample survey	~7
Expert opinion	~15
Estimation	~2
Other	
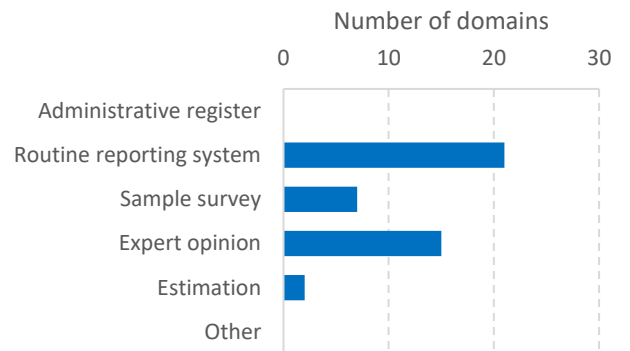
Figure 10: Number of domains on which data is planned to be produced (cf Annex 2)

- Yes, in the short-term (1-2 years): 16
- Yes, in the medium/long term (3-5 years): 5
- No plans in the next five years: 2
- No answer: 8
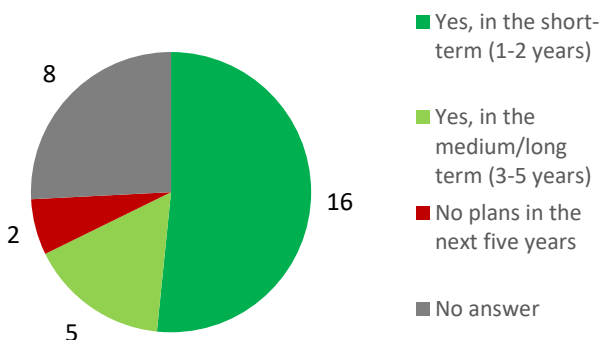
Figure 11: Number of data sources for which data was collected in the last five years (cf Annex 2)

- Data collected: 8
- Data not collected: 4
- No answer
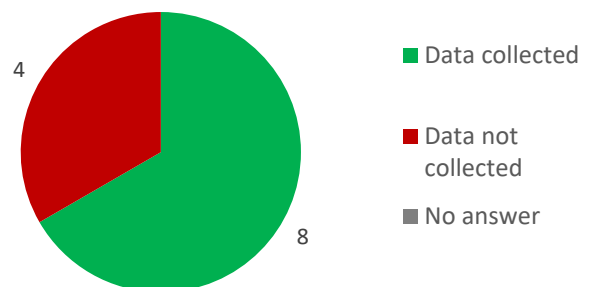
Figure 12: Number of data sources for which data collection is planned in the next five years (cf Annex 2)

- ■ Short term (1-2 years)
- ■ Medium/long term (3-5 years)
- ■ Not in the next 5 years
- ■ No answer

4
8
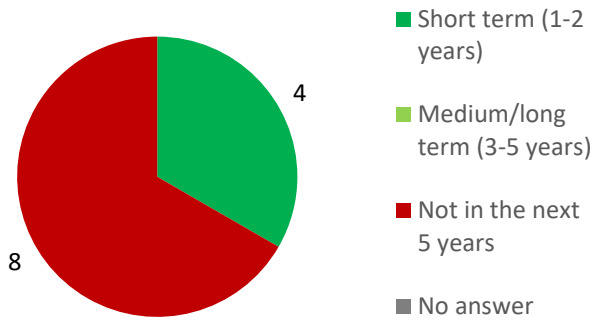
Figure 13: Number of data sources for which external assistance is needed

- ■ Assistance needed
- ■ Assistance not needed
- ■ No answer

12
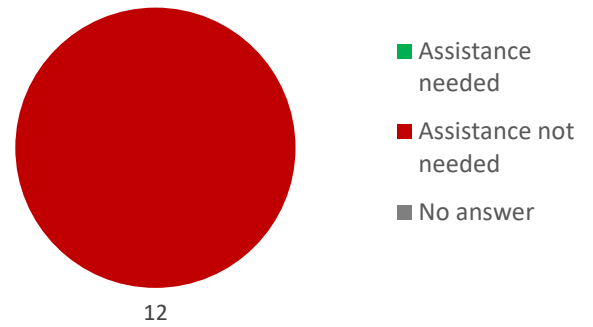
Figure 14: Number of data sources for which technical assistance is needed by data collection phase (cf Annex 2)

0   1

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
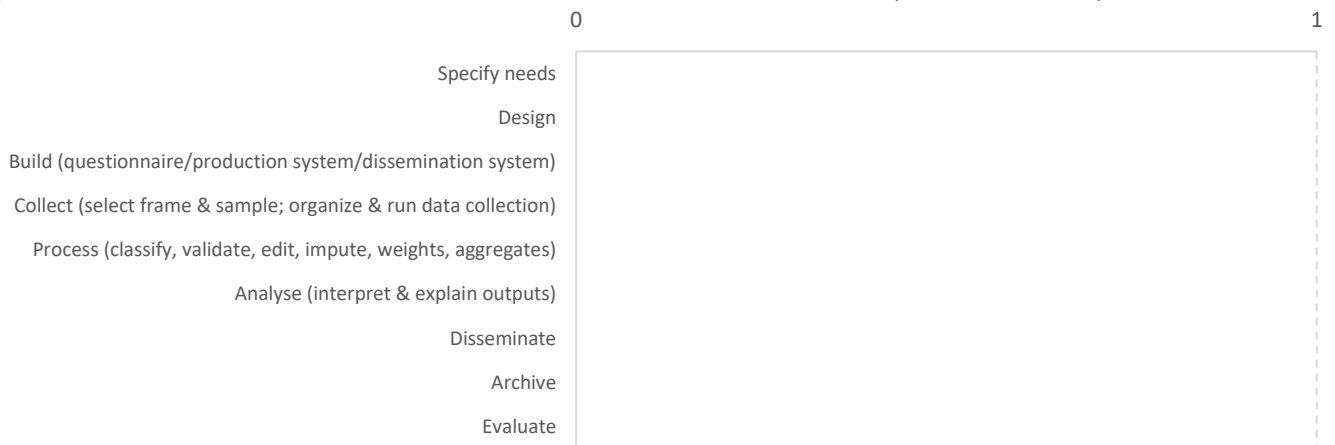
Figure 15: Number of domains by type of classification used

- ■ International
- ■ National
- ■ No answer

9
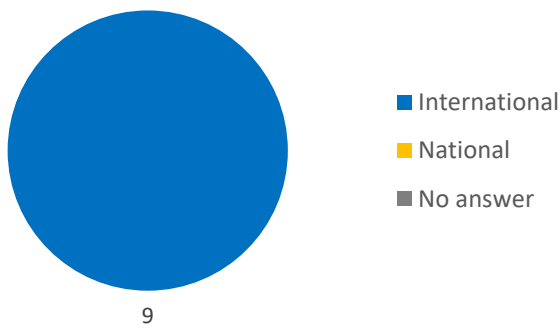
Figure 16: Number of domains for which technical assistance for classification is needed

- ■ Assistance needed
- ■ Assistance not needed
- ■ No answer

4
5
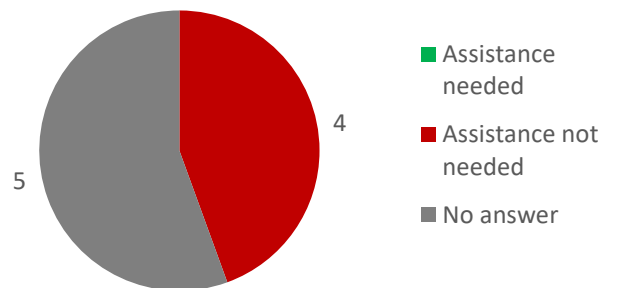
Figure 17: Number of uses of Earth Observation data

1

- ■ Used
- ■ Not used
- ■ No answer

8
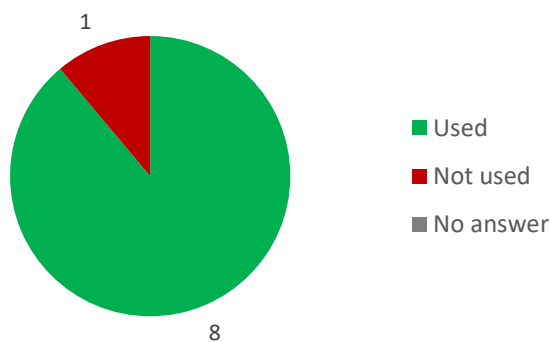
Figure 18: Levels of disaggregation available for selected topics

Live animals	2	
Food security	2	3
Labour data	5	
Agricultural land ownership/tenure rights	1	2
Economic accounts	3	

- ■ Available ■ Not available ■ Not applicable ■ No answer

Legend for cell marks below — Table 1: **G** = green (selected), **R** = red (selected "No"). Table 2: **S** = dark green (short-term), **M** = light green (medium-term), **Y** = orange (too costly), **X** = grey (no answer). Table 3: **H** = High priority (dark blue), **M** = Medium priority, **L** = Low priority (light blue), blank = greyed out/not applicable.

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)																G					
Yes - UN global SDG indicator database (last 10 years, actual)	G			G		G		G	G			G				G		G	G	G	G
Yes - Other international database	G	G		G	G			G		G		G	G		G	G			G	G	
Yes - National database	G	G		G	G										G	G	G		G		
Yes - Not specified																					
No			R				R		R		R			R			R				R
No answer																					

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	S	S							S					S					S		
Yes, in the medium-term						M					M	M	M		M	M	M	M		M	M
No, it is applicable but it is too costly			Y	Y	Y					Y											
No (other reason)																					
No, because it is not applicable for the country																					
No answer							X														

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	H	H	H	H	H	H	H	L	H	H	L	H	H	H	H	H	H	H	H	H	H
Developing new surveys/data sources	L	H	H	H	H	H	H	L	H	H	L	H	H	H	H	H	H	H	H	H	H
Adapting existing surveys/data sources	H	H	H	H	H	H	H	L	H	H	L	H	H	H	H	H	H	H	H	H	H
Training on the methodology for compiling the indicator and apply it to the national context	H	H	H	H	H	H	H	L	H	H	L	H	H	H	H	H		H	H	H	H
Assistance on the analysis/interpretation of the indicator	H	H	H	H	H	H	H	L	H	H	L	H	H	H	H	H		H	H	H	H

High priority   **Medium priority**   **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	(green)
Crop yield/production	Yes	(green)
Farm expenses and revenues	Yes	(light green)
Post-harvest losses (for crops and livestock)	Yes	(red)
Post-harvest losses (for fishery)	Yes	(red)
Live animals (Stocks)	Yes	(gray)
Livestock processed (Production quantity)	Yes	(green)
Livestock productivity	Yes	(light green)
Fish catch (marine/inland)	Yes	(light green)
Aquaculture production	Yes	(gray)
Marine fish stock status	Yes	(gray)
Land area equipped for irrigation	Yes	(green)
Water withdrawal for irrigation (crops, forests or livestock)	Yes	(green)
Forest area and forest area change	Yes	(green)
Above-ground biomass stock in forest	Yes	(green)
Sustainable forest management practices	Yes	(light green)
Protected forest area	Yes	(light green)
Food consumption	Yes	(green)
Food access/Food Insecurity Experience Scale (FIES)	Yes	(green)
Agricultural Producer Prices (Crop and Livestock)	Yes	(green)
Fishery Producer Prices	No answer	(gray)
Food Consumer Prices	Yes	(green)
Agricultural land ownership/tenure rights	No	(green)
Number of hours worked (e.g. part-time, full-time)	Yes	(green)
Cost of agricultural production	Yes	(green)
Food Balance Sheets	Yes	(green)
Production accounts for agriculture	Yes	(green)
Income accounts for agriculture	Yes	(gray)
Expenditure accounts for agriculture	Yes	(gray)
Capital and finance accounts for agriculture	No	(gray)
System of Environmental-Economic Accounting (SEEA) for Agriculture, Forestry and Fishery	No	(gray)
Number of data domains for which data were produced in the last five years	**27 out of 31**	

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	Yes	(green)
Crop/Farm survey	Yes	(green)
Livestock survey	Yes	(red)
Fishery and aquaculture capture	No	(red)
Fish stock assessment (marine)	No	(red)
Water supply and use assessment	No	(red)
Forestry Inventory Assessment	No	(green)
Household Budget/Income & Expenditure survey	Yes	(green)
Labour Force survey	Yes	(red)
Multipurpose household Survey	Yes	(red)
Nutrition survey	Yes	(red)
Value chain analysis	Yes	(red)

Legend:
- (green) Planned in the short term (1-2 years)
- (light green) Planned in the medium term (3-5 years)
- (red) Not planned in the next five years
- (gray) 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										(red)		0
Crop/Farm survey										(red)		0
Livestock survey										(red)		0
Fishery and aquaculture capture										(red)		0
Fish stock assessment (marine)										(red)		0
Water supply and use assessment										(red)		0
Forestry Inventory Assessment										(red)		0
Household Budget/Income & Expenditure survey										(red)		0
Labour Force survey										(red)		0
Multipurpose household Survey										(red)		0
Nutrition survey										(red)		0
Value chain analysis										(red)		0

Annex 3: List of reported focal points by indicator

Indicator	Name	Institution	Email address
2.1.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.1.2	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.3.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.3.2	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.4.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.5.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.5.2	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.a.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
2.c.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
5.a.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
5.a.2	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
6.4.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
6.4.2	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
12.3.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
14.4.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
14.6.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
14.7.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
14.b.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
15.1.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
15.2.1	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk
15.4.2	Javed Humayun, Rabia Awan	Ministry of National Food Security and Research (MNFS&R) & Pakistan Bureau of Statistics	humayunjaved@yahoo.com rabia.awan@pbs.gov.pk

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			Alt	Alt						Alt											
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	Alt	Alt								Alt											
Labour Force survey		Alt								Alt											
Multipurpose household Survey		Best								Best											
Nutrition survey	Best	Best								Alt											
Value chain analysis														Best							

Legend: Best = Best data source (green); Alt = Alternative data source (orange)