

IMPROVING AGRICULTURAL STATISTICS IN THE COMCEC REGION



**Standing Committee for Economic and Commercial Cooperation of the
Organization of Islamic Cooperation (COMCEC)**



The Current Situation of the Agricultural Statistical Capacity in the COMCEC Region



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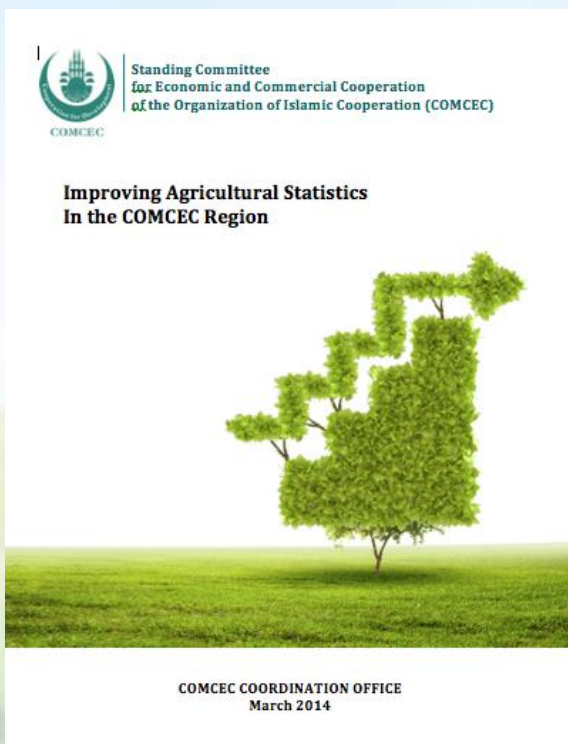
Presentation Outline

- Study objectives,
- Study outline,
- Sources of data,
- Standard Self Assessment Questionnaire (SSAQ),
- SSAQ Results,
- Case Studies,
- SWOT – NEEDS – IASD A Short Triangulated Assessment,

Study Objective



Study Outline



Chapter 1

- Importance of Agricultural Statistics
- New Challenges

Chapter 2

- Dimensions of Assessment
- Empirical Findings from SSAQ
- IASD for COMCEC Member Countries

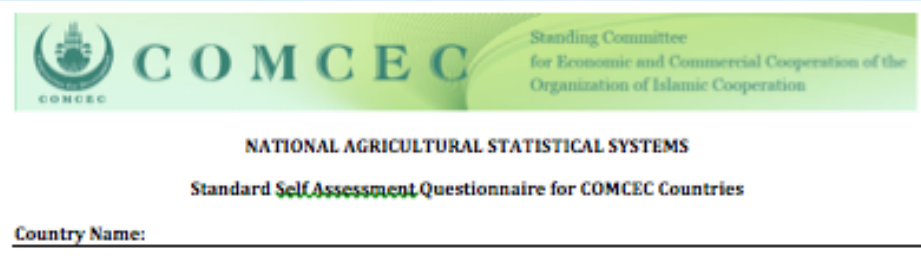
Chapter 3

- Case Studies
- SWOT Analysis
- Quick Needs Analysis

Chapter 4

- Findings
- Possible Areas of Cooperation
- Policy Recommendations

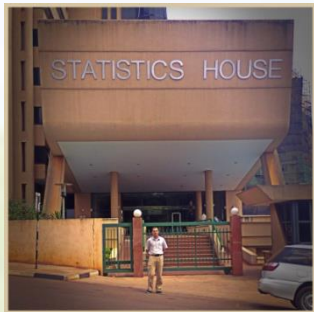
Resources of Data



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NATIONAL AGRICULTURAL STATISTICAL SYSTEMS
Standard Self Assessment Questionnaire for COMCEC Countries

Country Name: _____




Presidency of the IRI Vice-Presidency for Strategic Planning and Supervision
Statistical Centre of Iran

Home Statistics by Topic Metadata Databases & Systems

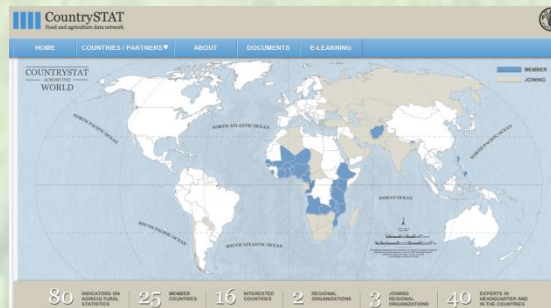
Latest Releases

- A Selection of Labor Force Survey Results Autumn 2013 (September 23- December 21, 2013)
- Labor force survey Summary findings Summer 1392
- Price indices, Mehr 1392
- Selected Results of Statistical Survey on the Nation's Mines 1390
- Summary Findings On Survey of Manufacturing Establishments With 10 and More Workers, 2011

News Events

Average Annual Expenditure of an Urban Household in the Year 1391
A Summary Report on Prices of Land and Rental Price of Residential Buildings in the Summer 2012 Released by the Statistical Centre of Iran
Selected results of the Labour Force Survey, in Autumn 2013 (Arhive)

Census 2011 Time Series Iran at a Glance Statistical Yearbook
Main Indicators MDG & ICPD ECOSTAT about SCI

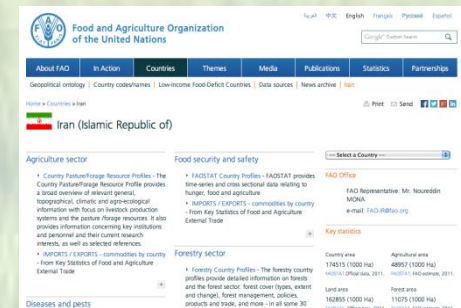


CountrySTAT
Food and agriculture data network

HOME COUNTRIES / PARTNERS ABOUT DOCUMENTS E-LEARNING

COUNTRYSTAT WORLD

80 INDICATORS ON AGRICULTURAL SERVICES 25 MEMBER COUNTRIES 16 ASSOCIATED COUNTRIES 2 REGIONAL ORGANIZATIONS 3 JOINT REGIONAL ORGANIZATIONS 40 EXPERTS IN RESEARCH AND IN THE COUNTRIES



Food and Agriculture Organization of the United Nations

About FAO In Action Countries Themes Media Publications Statistics Partnerships

Geographical coverage: Country overviews Low-income Food Deficit Countries Data source: News archive

Iran (Islamic Republic of)

Agriculture sector

- Country Feature/Profile Resource Profiles - The Country Feature/Profile Resource Profile provides a broad overview of relevant general, topographical, climatic and agro-ecological information with focus on livestock production systems and the pasture forage resources. It also provides information concerning key institutions and personnel and their current research interests, as well as selected references.
- IMPORTS / EXPORTS - commodities by country - From Key Statistics of Food and Agriculture External Trade

Food security and safety

- FAOSTAT Country Profiles - FAOSTAT provides time-series and cross-sectional data relating to hunger, food and agriculture
- IMPORTS / EXPORTS - commodities by country - From Key Statistics of Food and Agriculture External Trade

Forestry sector

- Forestry Country Profiles - The forestry country profiles provide detailed information on forests and the forest sector: forest cover (types, extent and change), forest management, policies, products and trade, and more... (all same 30)

Diseases and pests

Country area: 174315 (1000 ha) 4893 (1000 ha)
10015 (0ha area 2011) 10015 (0ha area 2011)
Land area: 162895 (1000 ha) 11679 (1000 ha)
10015 (0ha area 2011) 10015 (0ha area 2011)



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SSAQ – Standard Self Assessment Questionnaire

- 5 parts with 200 cells,
- English & French
- 31 on-time responses + 4 responses after calculation of IASD
- 5 questionnaires completed by UDA Assessment Team



COMCEC

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NATIONAL AGRICULTURAL STATISTICAL SYSTEMS

Standard Self Assessment Questionnaire for COMCEC Countries

Country Name: _____

Part 1 - The Organization of the Food and Agricultural Statistical System

Part 2 - The Outputs of the Agricultural Statistics System

Part 3 - Resources of the Statistical System

Part 4 - Dissemination of Agricultural Statistics

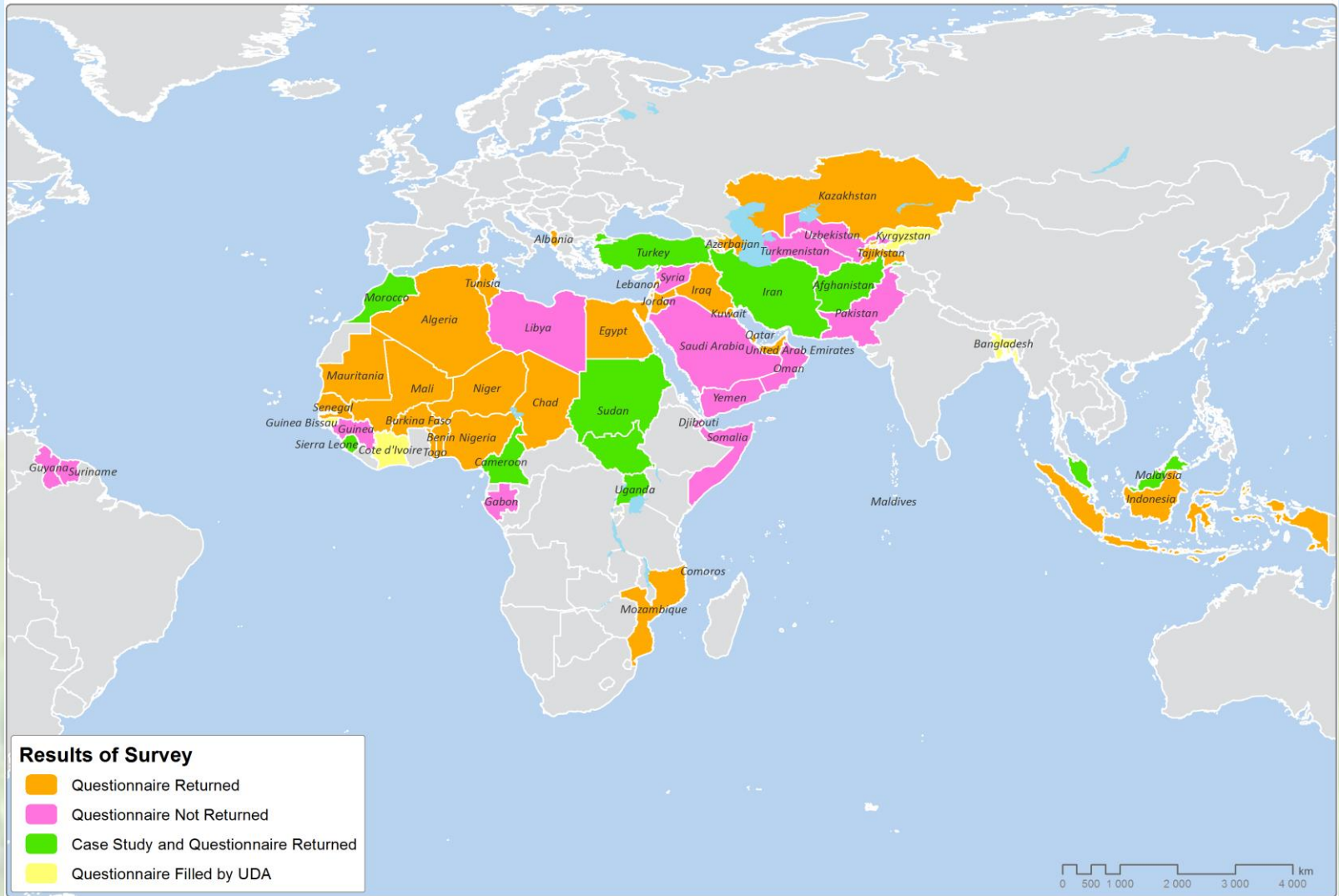
Part 5 – Agricultural surveys and censuses



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Responses to SSAQ



SSAQ Results- Status&Structure

Legal Status of Statistics and Coordination (%)

	Existence of a Statistical Law?	Coverage of Agricultural Statistics in Statistical Law?	Is the Statistical Law Operational?	Statistical Advisory or Coordination Unit?
African Group	100	100	100	82
Arab Group	100	92	92	50
Asian Group	100	100	91	82
COMCEC	100	97	94	71

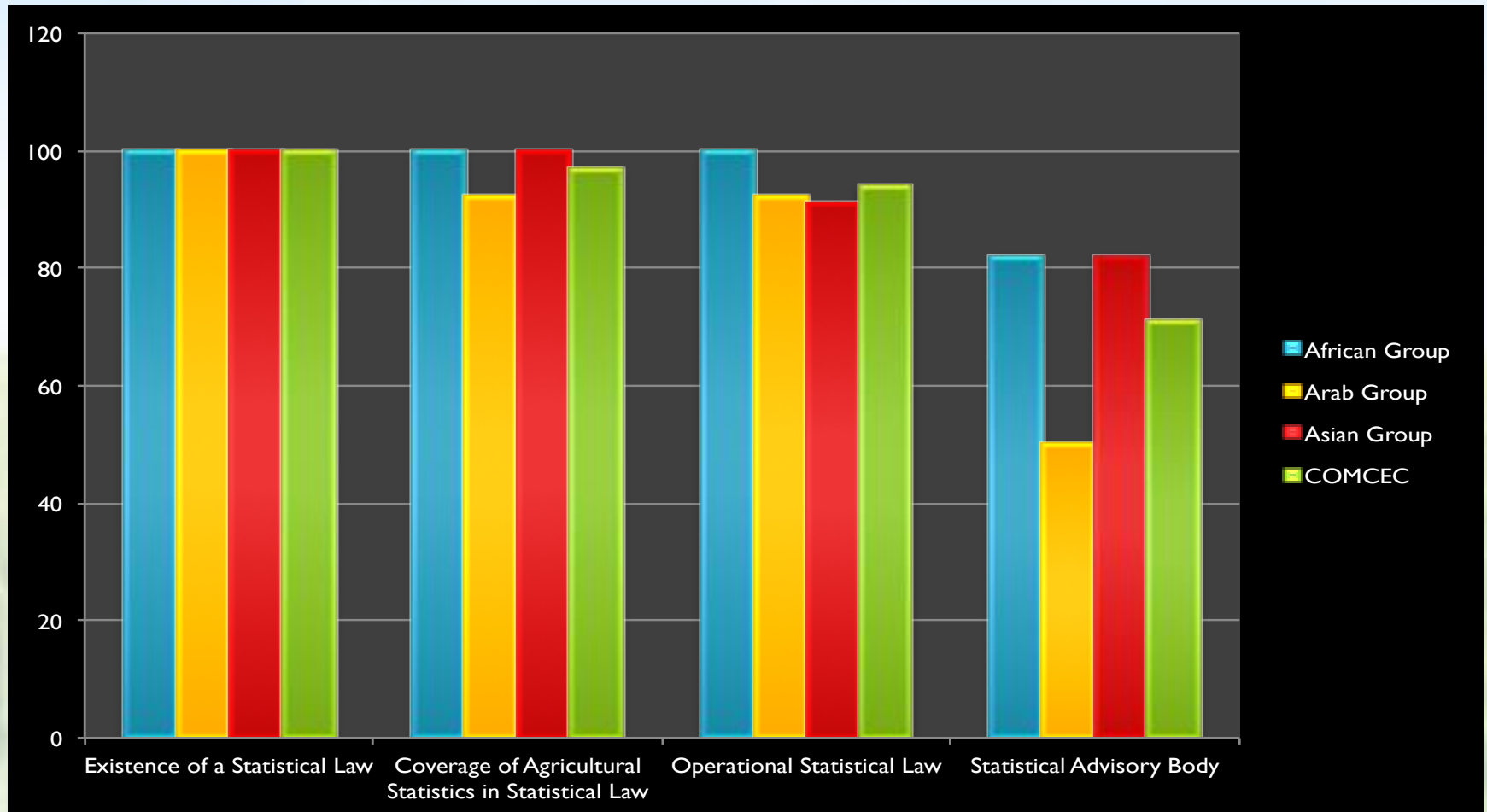
Source: SSAQ Results.

Structure of the Statistical System (%)

	Decentralized Minimum Coordination	Decentralized Active Coordination	NSO Responsible for Most Statistics for Some Sector Offices	One Department Responsible. For All Statistics
African Group	17	25	58	0
Arab Group	8	15	46	23
Asian Group	0	27	82	0
COMCEC	9	20	62	9

Source: SSAQ Results.

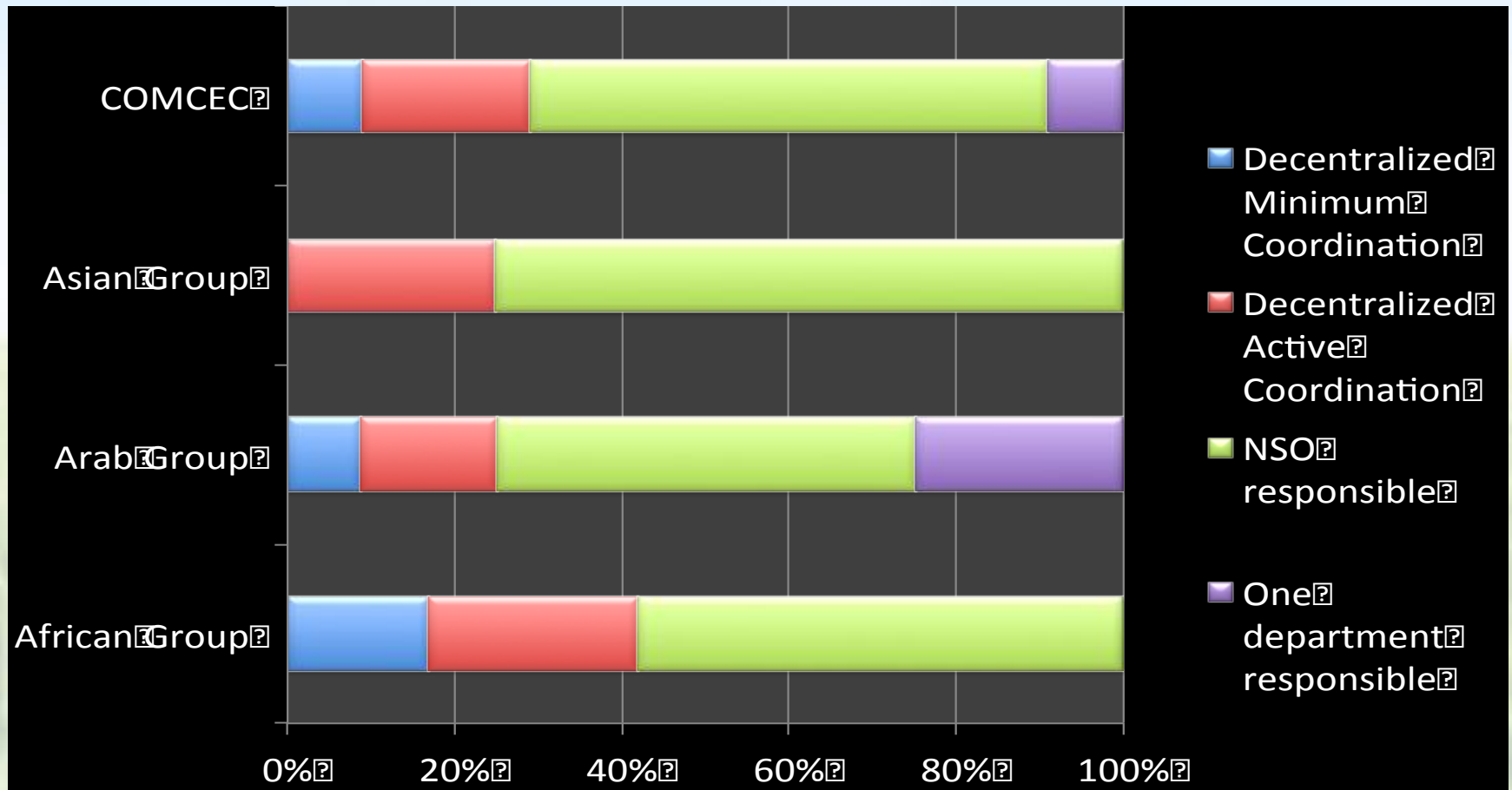
Statistical Law



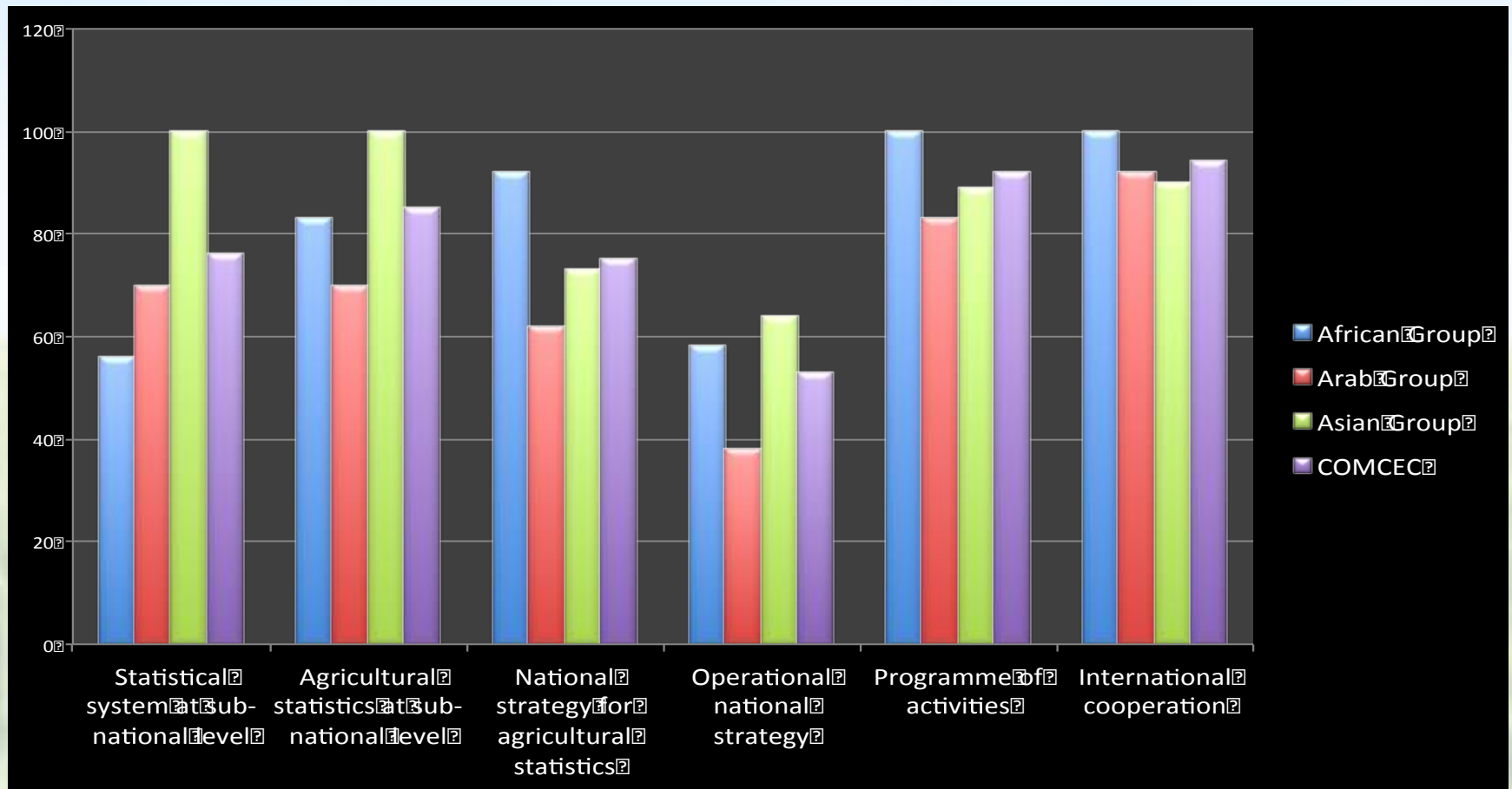
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Structure of the statistical system



Strategic framework



SSAQ Results-Timeliness

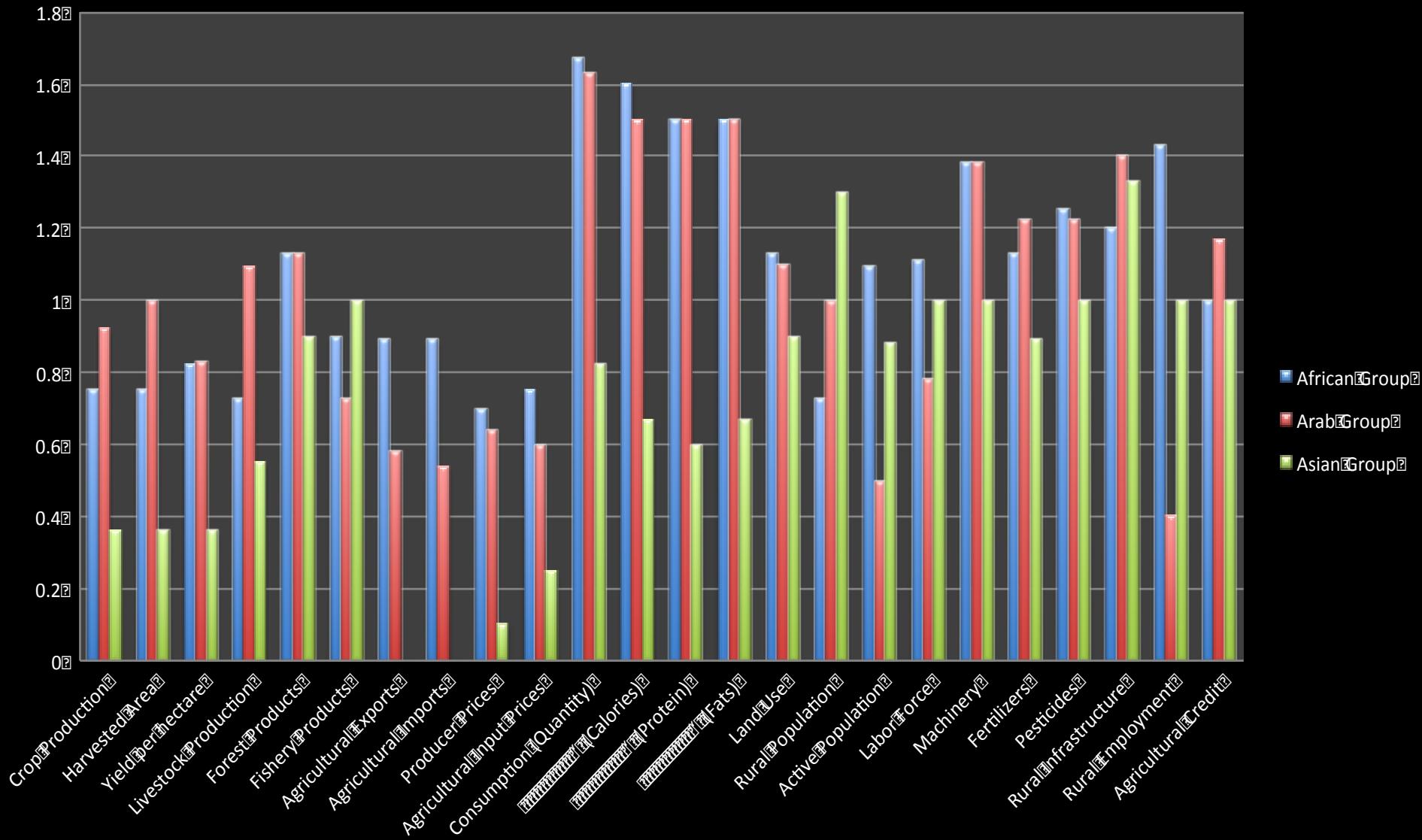
Timeliness of Agricultural Statistics

	Delay of Availability Score (Years)			
	African Group	Arab Group	Asian Group	COMCEC
Crop Production	0.75	0.92	0.36	0.69
Harvested Area	0.75	1.00	0.36	0.72
Yield per hectare	0.82	0.83	0.36	0.68
Livestock Production	0.73	1.09	0.55	0.79
Forest Products	1.13	1.13	0.90	1.04
Fishery Products	0.90	0.73	1.00	0.87
Agricultural Exports	0.89	0.58	0.00	0.48
Agricultural Imports	0.89	0.54	0.00	0.47
Producer Prices	0.70	0.64	0.1	0.48
Agricultural Input Prices	0.75	0.60	0.25	0.56
Consumption (Quantity)	1.67	1.63	0.82	1.28
" (Calories)	1.60	1.50	0.67	1.20
" (Protein)	1.50	1.50	0.60	1.09
" (Fats)	1.50	1.50	0.67	1.08
Land Use	1.13	1.10	0.90	1.04
Rural Population	0.73	1.00	1.30	1.00
Active Population	1.09	0.50	0.88	0.88
Labor Force	1.11	0.78	1.00	0.96
Machinery	1.38	1.38	1.00	1.23
Fertilizers	1.13	1.22	0.89	1.08
Pesticides	1.25	1.22	1.00	1.16
Rural Infrastructure	1.20	1.40	1.33	1.31
Rural Employment	1.43	0.40	1.00	1.00
Agricultural Credit	1.00	1.17	1.00	1.06

Note: Delay calculations assumes 2013 and after are current, 2012 is one year late, 2011 or before are two years late. Average Delay = Sum of Delay/Number of Sampled Countries

Source: SSAQ Results.

Timeliness



SSAQ Results-Timeliness

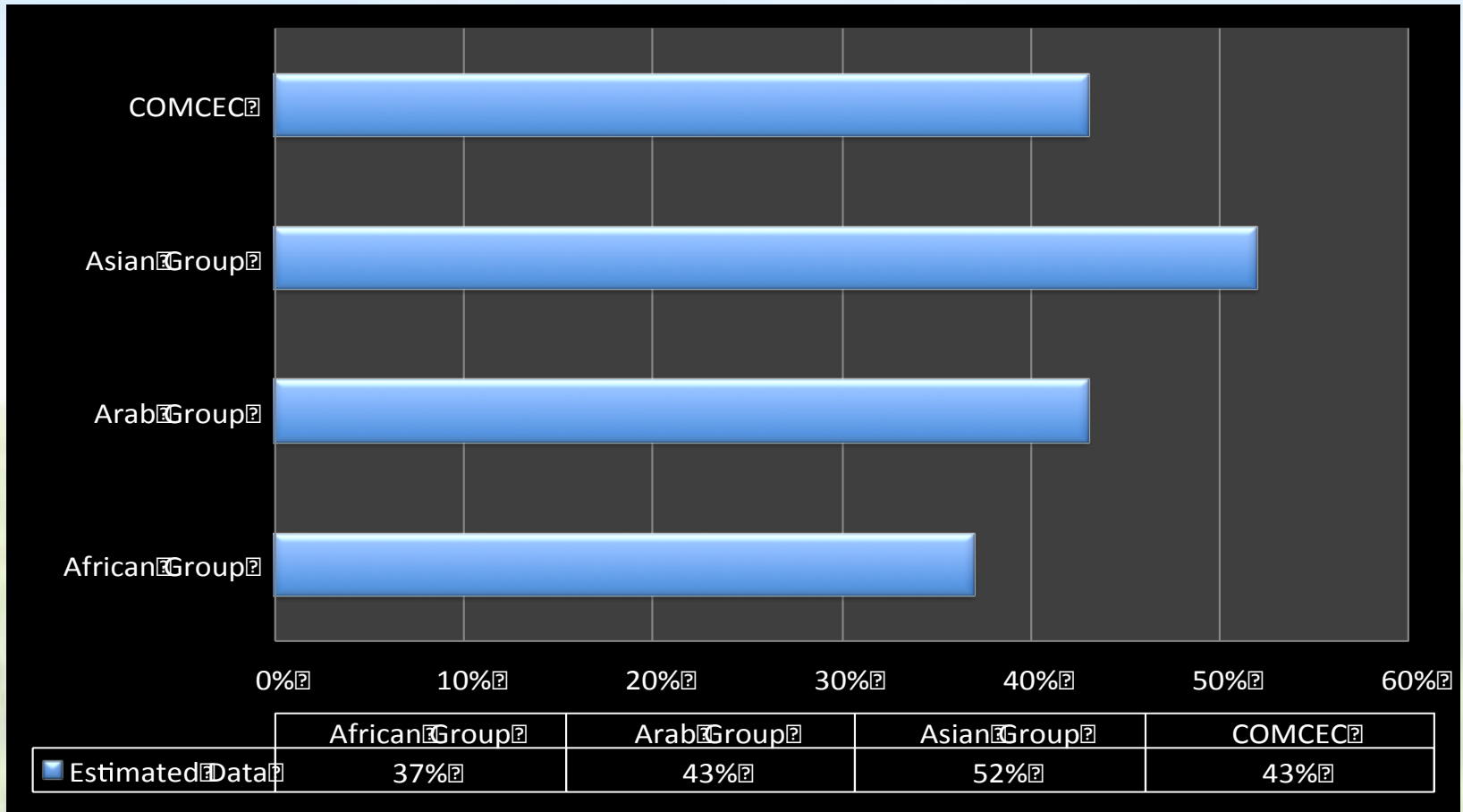
Timeliness of Agricultural Indicators

	Delay of Availability Score (Years)			
	African Group	Arab Group	Asian Group	COMCEC
Agricultural GDP	1.10	0.82	0.27	0.72
Rural Income	2.00	1.33	1.13	1.40
Terms of Trade	1.00	1.0	0.38	0.69
Output Price Index	1.30	0.80	0.11	0.65
Input Prices Index	1.00	1.00	0.00	0.75
Agrio- Environmental Indicators	1.50	1.25	1.00	1.29
Food Balance Sheets	1.00	1.00	0.33	0.70
Agricultural/Rural Income Distribution	-	1.33	1.50	1.43
Land Distribution	-	1.00	1.60	1.54

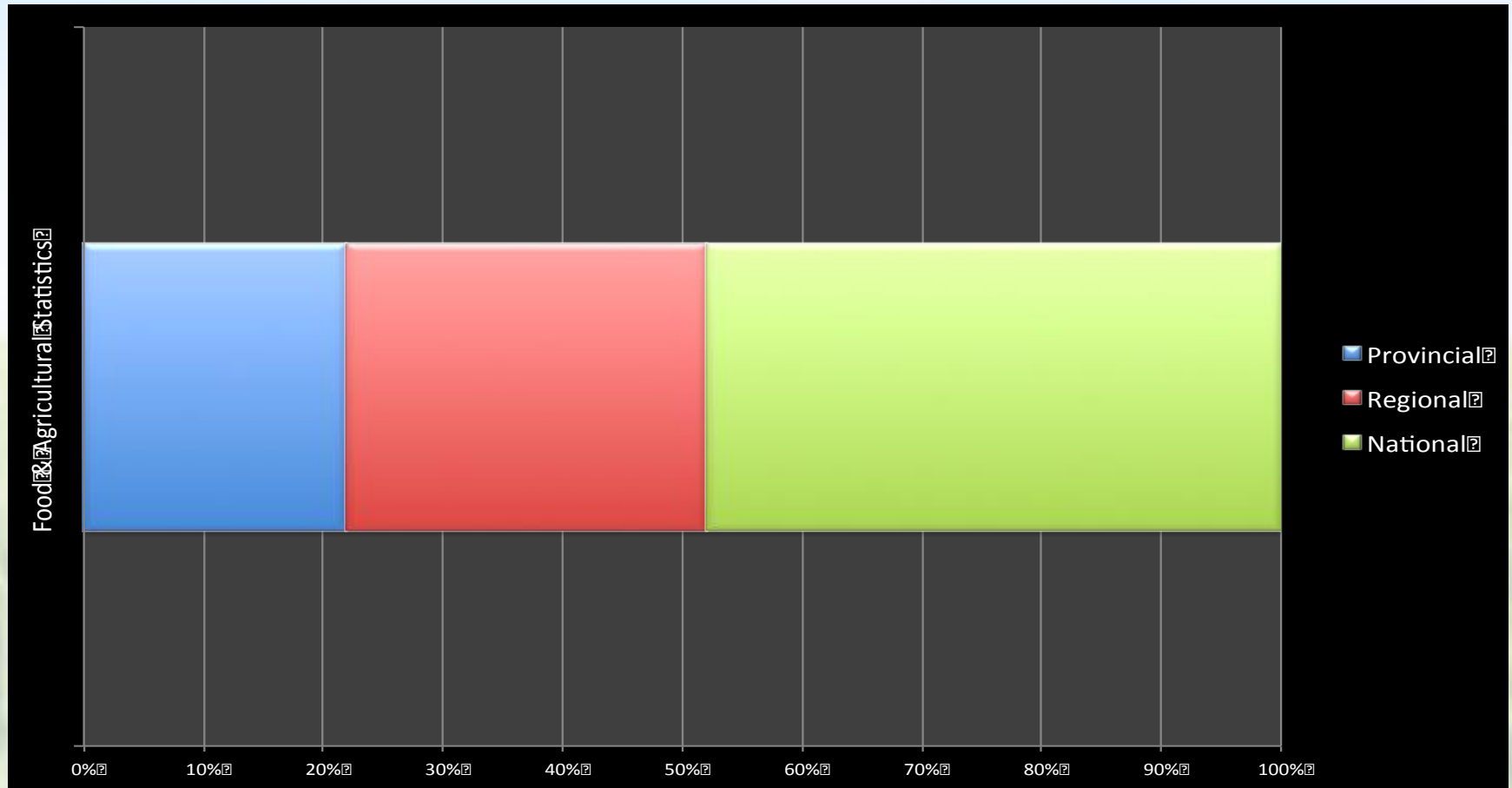
Note: Delay calculations assume 2013 and after are current, 2012 is one year late, 2011 or before are two years late. Average Delay = Sum of Delay/Number of Sampled Countries

Source: SSAQ Results.

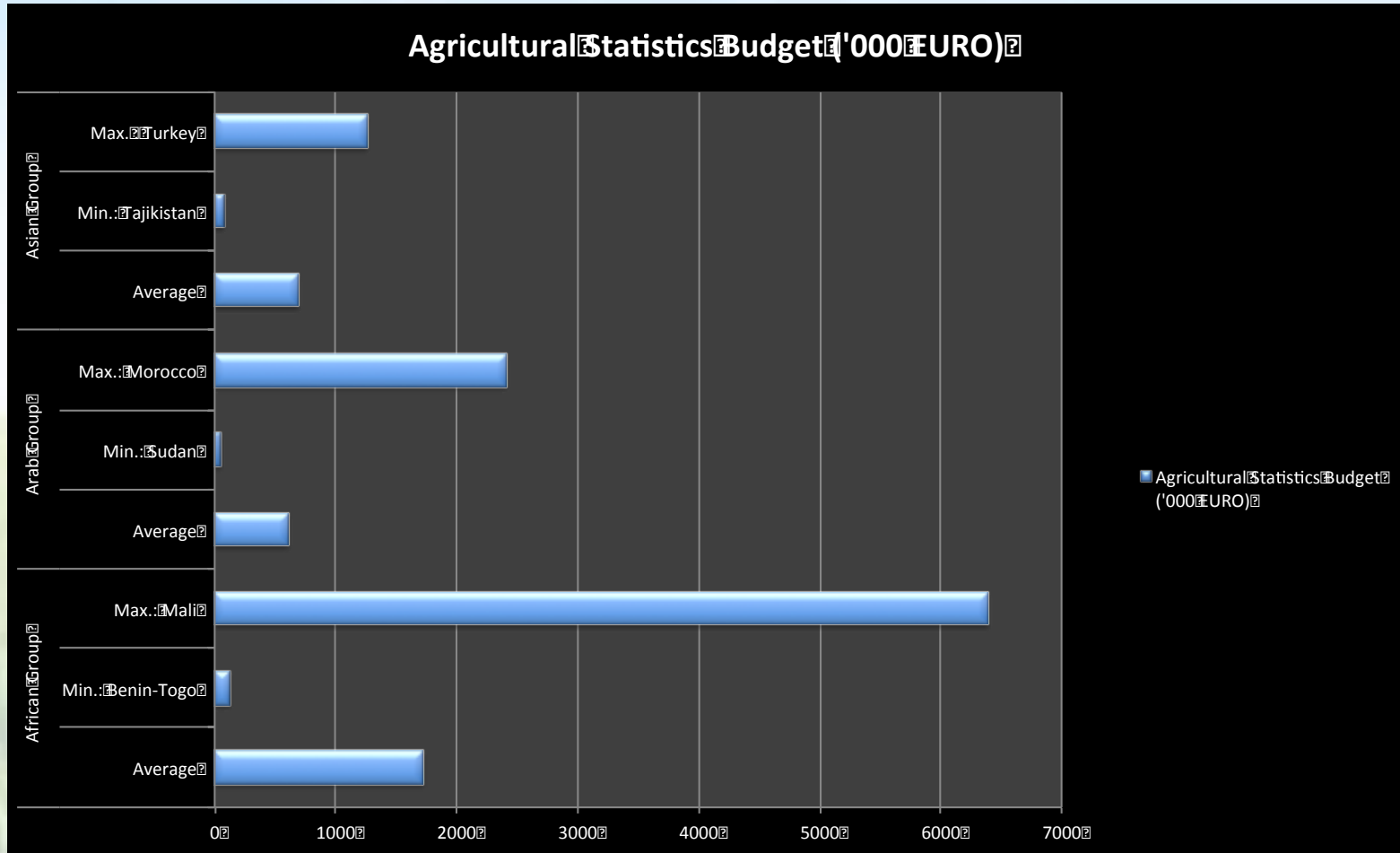
Estimated Data



Geographical Coverage



Budget



Staff

Agricultural Statistics Staff

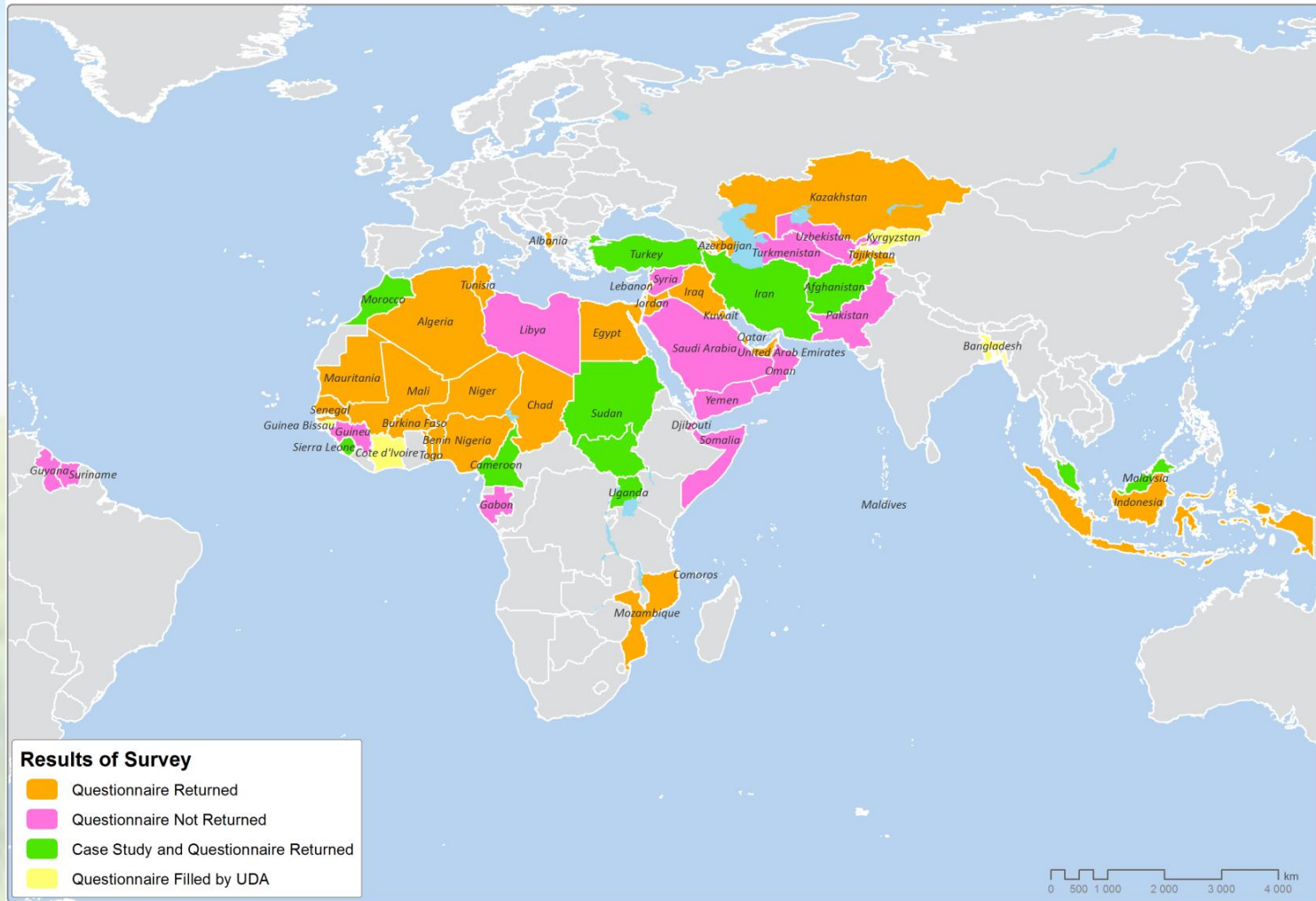
	Professional Staff at Headquarters	Professional Staff in the Field	Support Staff at Headquarters	Support-Staff in the Field
African Group Average	23	116	35	310
Minimum	9 (Niger)	15(Togo)	4 (Ugan/Mozam)	0 (Niger)
Maximum	104(Cameroon)	374(Niger)	205(Cameroon)	1847(Nigeria)
Arab Group Average	20	176	78	123
Minimum	2(Sudan/Kuwait)	13(Palestine)	4(Sudan)	10(Jordan)
Maximum	85(Egypt)	774(Egypt)	300(Egypt)	187(Egypt)
Asian Group Average	20	92	15	400
Minimum	2(Afghanistan)	0(Afghanistan)	4(Afghanistan)	0(Afghanistan)
Maximum	38(Turkey)	269(Turkey)	40(Iran)	1500(Turkey)
COMCEC Average	21	128	47	297

Source: SSAQ Results.

Evaluation of SSAQ

- **Good response rate,**
- Finding a focal point knowledgeable,
- **Lack of collaboration in FAS system,**
- Lack of knowledge about what others produce,
- **Short period for SSAQ,**
- Not satisfactory responses,
- **Augmented responses for dissemination,**

Country Visits



Case Study Countries

Countries	Group	Region	IASD	Category
Afghanistan	Asian	South Asia	86	D
Cameroon	African	Central Africa	129	A
Iran	Asian	South Asia	128	A
Malaysia	Asian	Southeast Asia	92	C
Morocco	Arab	North Africa	131	A
Sudan	Arab	North Africa	80	D
Turkey	Asian	Western Asia	142	A
Uganda	African	East Africa	110	C

Case Study Structure

Organization of
the FAS System

Outputs of the
FASS

Resources
Allocated

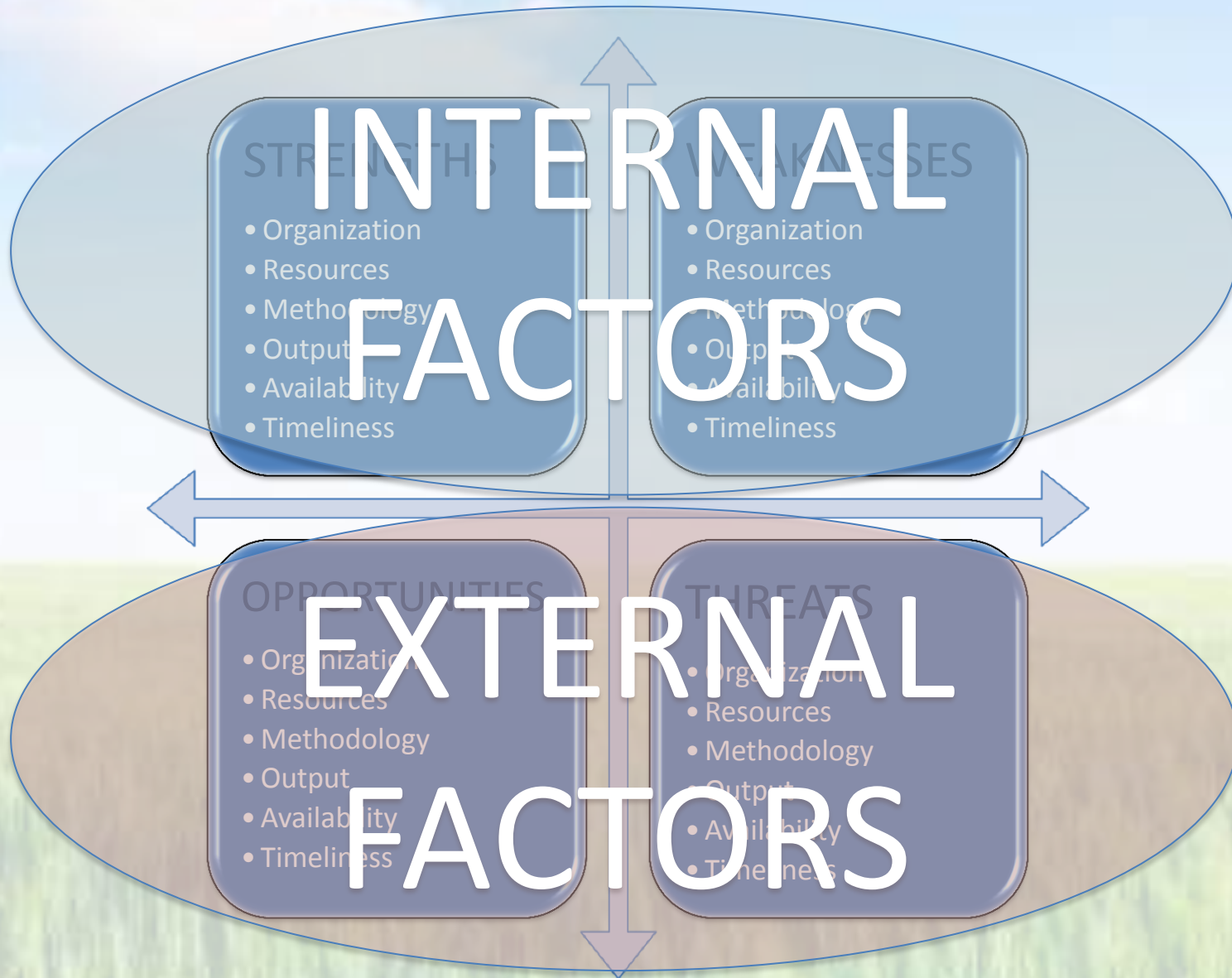
Methodological
issues

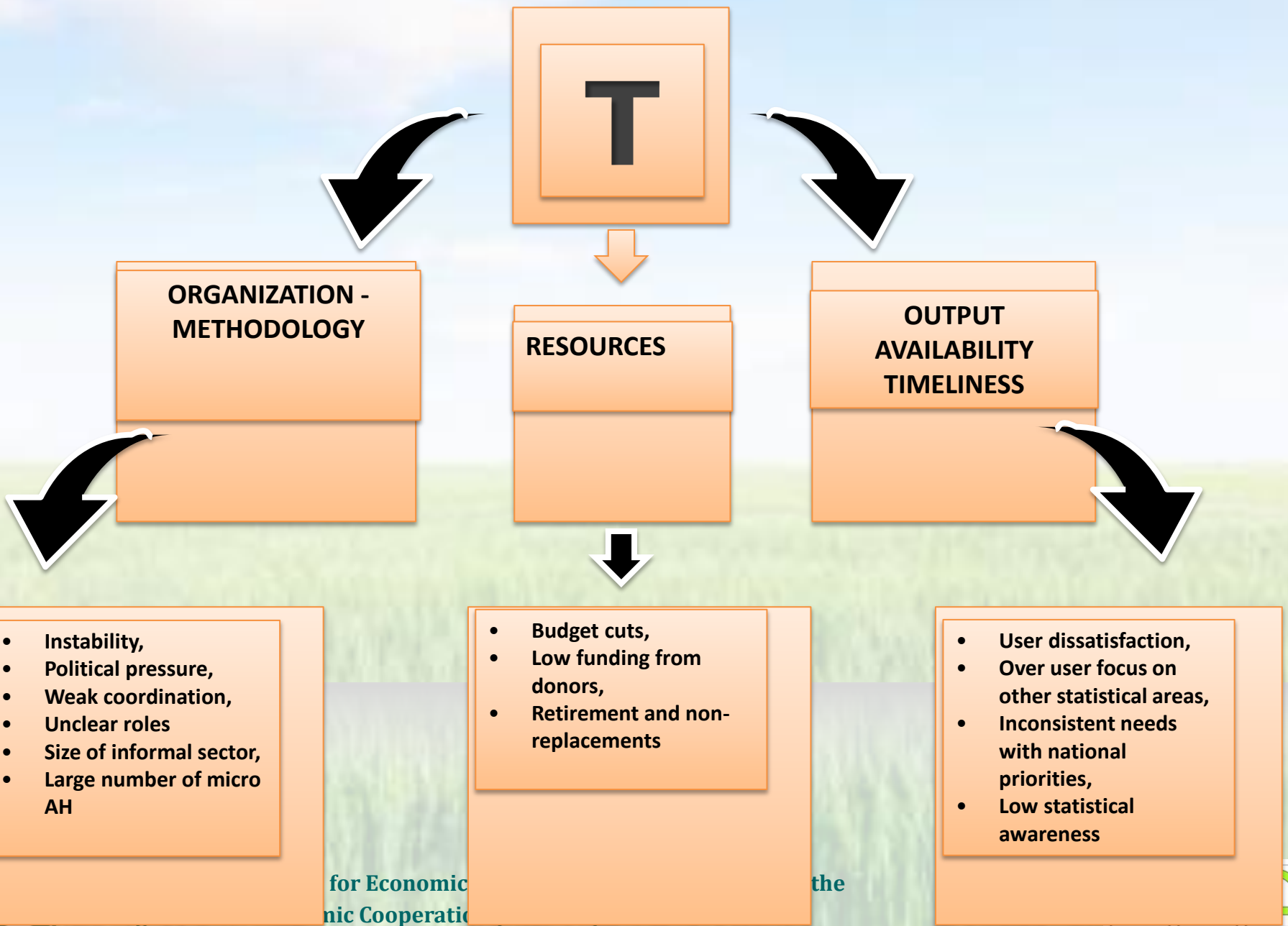
Dissemination

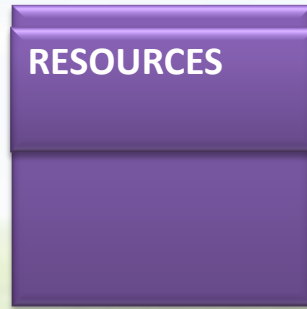
SWOT & Need
Analysis

Main Observations

- Good collaboration but everybody does their own job,
- Difficulty in estimation of budget, staff & equipment dedicated for production of FAS,
- Difficult to get broad view,
- Limited information about qualitative aspects,
- Variations in components of aggregated indicators







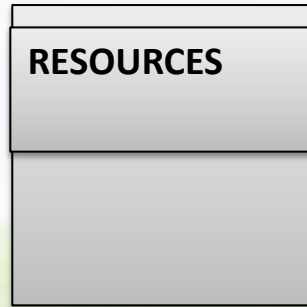
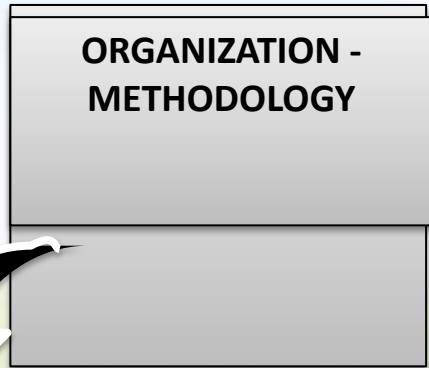
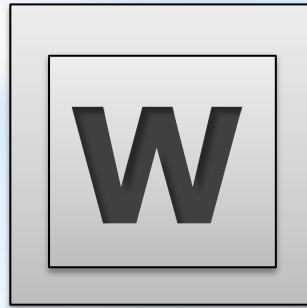
- Growing needs for statistics,
- Emerging issues of food poverty & global warming,
- International common methodologies
- Construction of common databases,
- Fast development in new technologies

- Increasing international funding,
- Use of common resources for collection of data

- Recognition of importance,
- Growing markets,
- Participation in external databases

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- Structures, roles & responsibilities
- Policies, plans & procedures,
- Common standards
- Response arrangements

- Lack of financial resources,
- No sustainability,
- Staffing capacity,
- Physical resources,
- Databases

- Lack of knowledge,
- Registers,
- Obsolete definitions and methodologies,
- Non-availability of metadata & microdata,
- Limited e-dissemination,
- Administrative records
- Missing domains



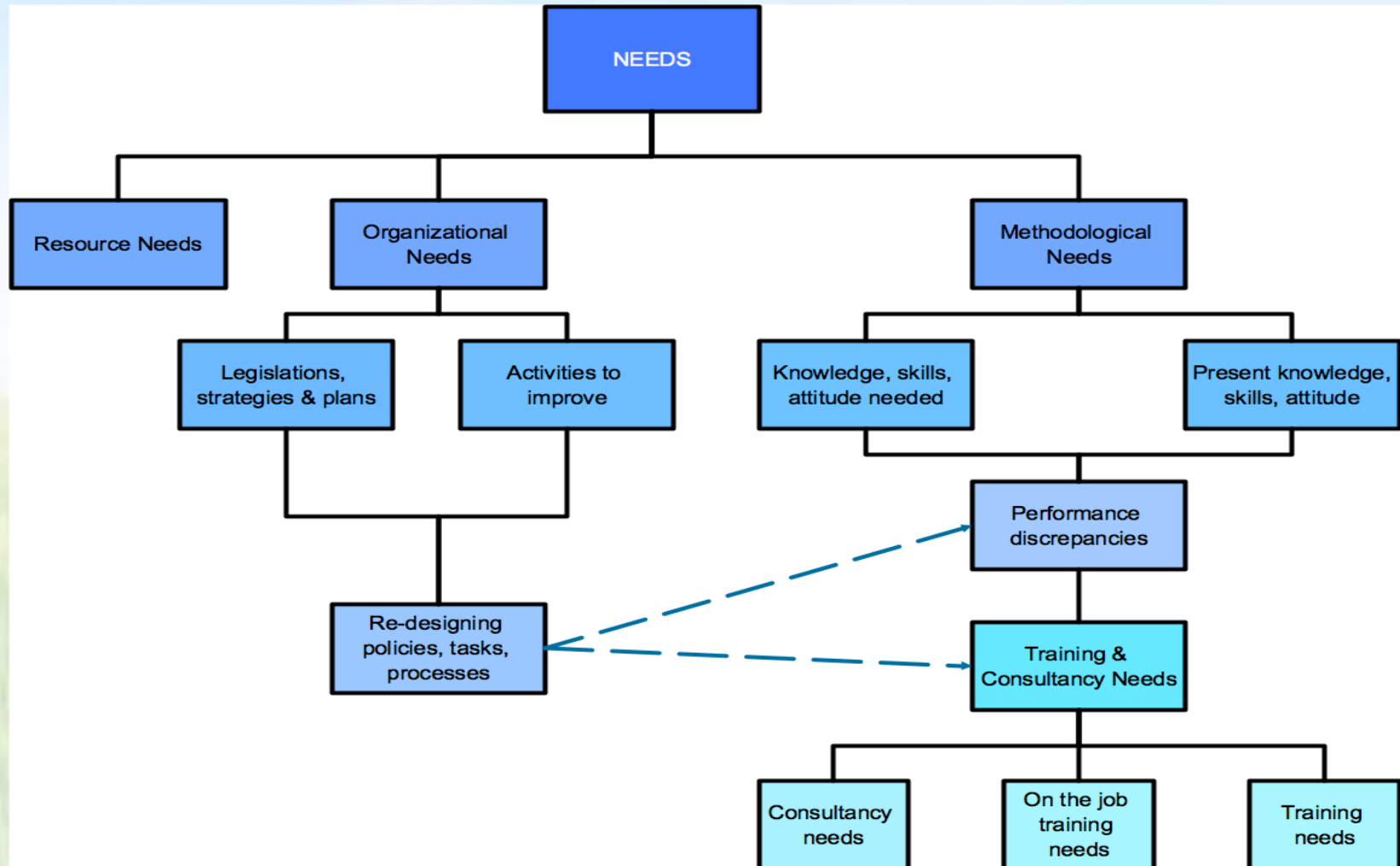
- Structures, roles & responsibilities
- Policies, plans & procedures,
- Good knowledge and use of international methodologies, standards,
- Use of new technologies,

- Yearly budget allocation,
- Size and quality of human resource,
- New ICT equipment,
- Databases,
- International funding

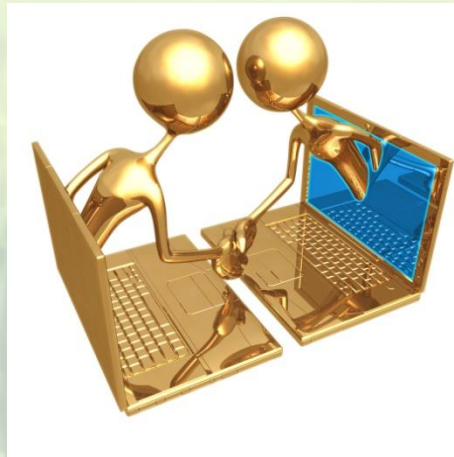
- Registers,
- Administrative records,
- Interactive databases for dissemination,
- Appropriate metadata,
- Micro data availability

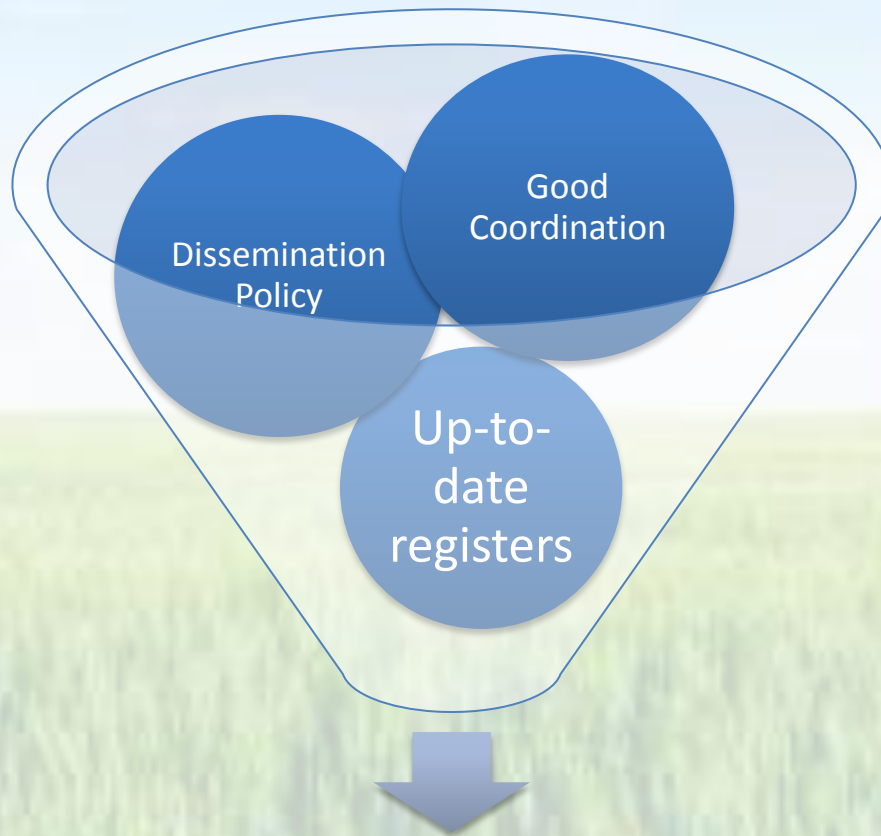


General Need Analysis



Resource Needs





Organizational needs

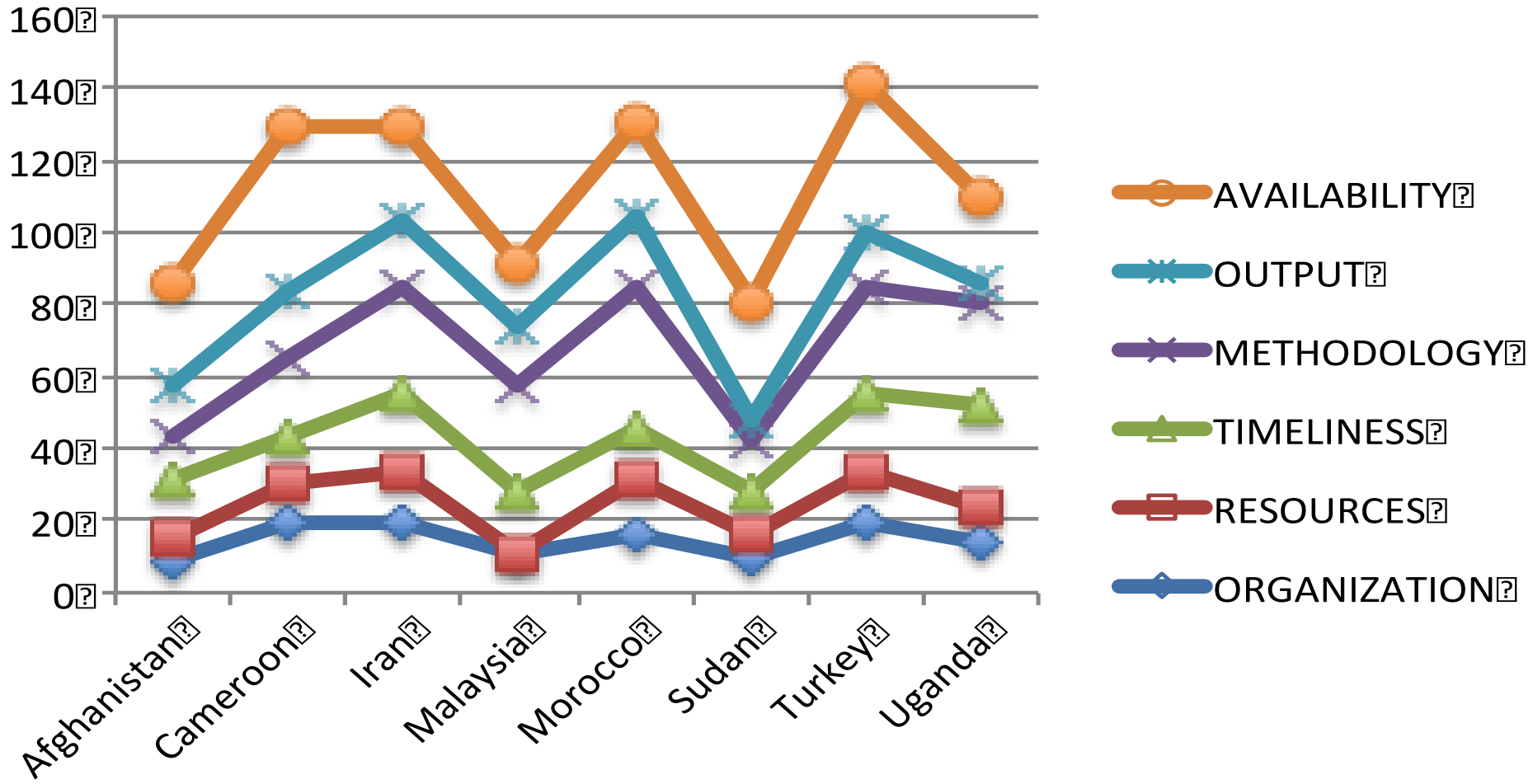
Methodological Needs



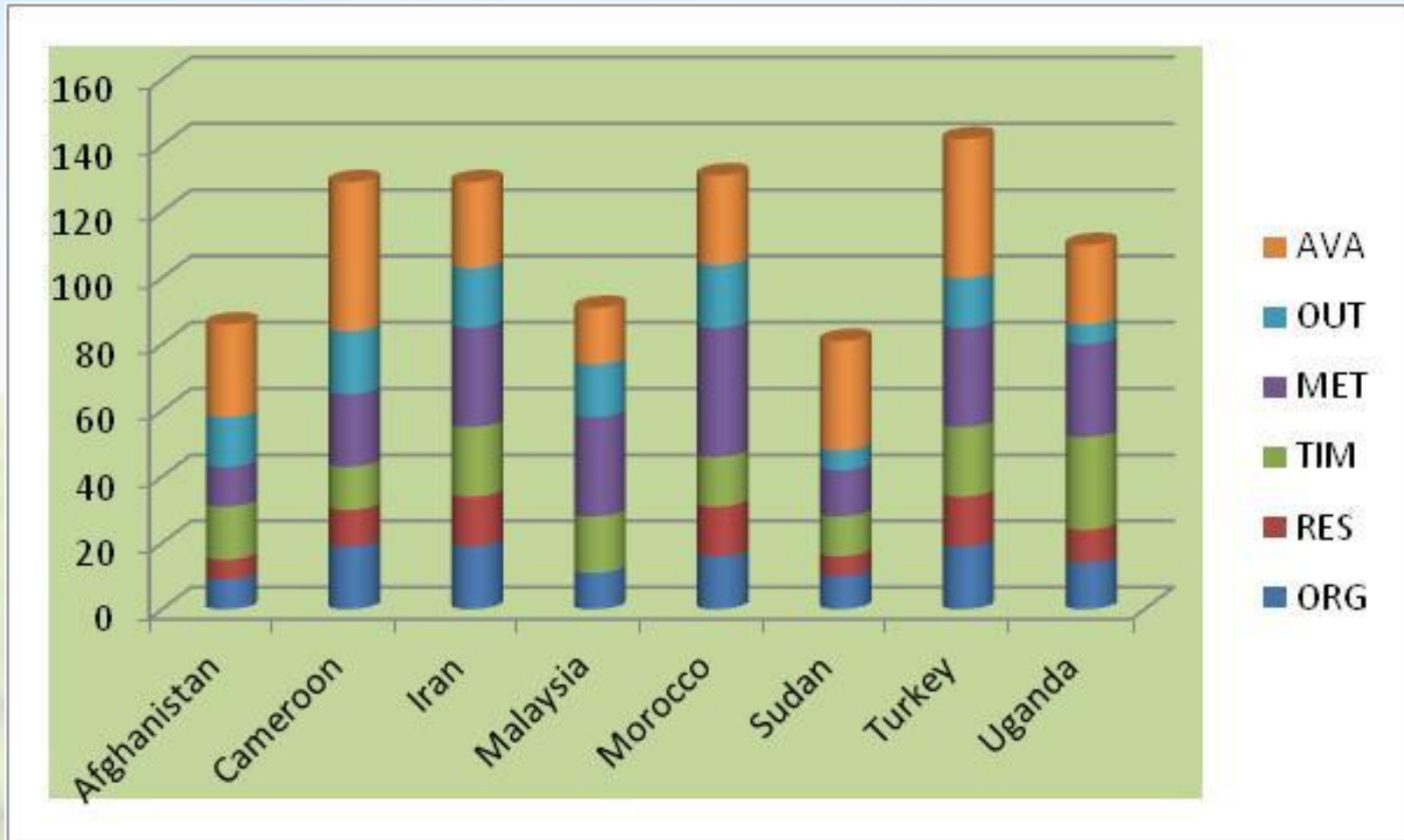
IASD and DIMENSIONS

	Afghanistan	Cameroon	Iran	Malaysia	Morocco	Sudan	Turkey	Uganda
ORG	9	19	19	11	16	10	19	14
RES	6	11	15	0	15	6	15	10
TIM	16	13	21	17	15	12	21	28
MET	12	22	30	30	39	14	30	28
OUT	15	19	18	16	19	6	15	6
AVA	28	45	26	17	27	33	42	24
TOTAL	86	129	128	92	131	81	143	110

IASD Dimensions - Weights



IASD Dimensions – By Countries



THANK YOU!



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