

## Session IV. Data for Interim Years



**Availability of extrapolation data  
for interim years**

# Assessment of Extrapolation Data

## DATA FOR EXTRAPOLATION

- Extrapolation data is crucial to allow us to continue to test, fine-tune and ultimately enable the PPP time series approach
- Approach requires detailed time-series data for expenditures, deflators, CPIs, population and exchange rate (Potential addition: producer price indices)
- Biannual submission schedule agreed at the 2nd IACG meeting

## STATUS OF SUBMISSIONS

- All six regions (AFR, ASI, CIS, EUO, LAC, WAS) have reported or provided updated extrapolation data
- It has been a while since some regions submitted data

AFR	ASI	CIS	EUO	LAC	WAS
Oct. 2017	Mar. 2017	Oct. 2017	Oct. 2017	Nov. 2016	Sep. 2015

# Expenditures: GDP and Main Aggregates

<b>GDP</b>	<b>Year (2005-2016) / # of Country Submissions</b>											
<b>Region (# of countries)</b>	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	53	53	53	54	54	54	54	54	54	52	42	14
Asia and the Pacific (23)	4	4	4	4	4	5	7	7	7	7	7	6
CIS (9)	9	9	9	9	9	9	9	9	9	9	9	9
Eurostat-OECD (47+2)	48	48	48	48	48	49	49	49	49	49	49	46
Latin America (17+1-2)	13	13	15	15	15	15	15	15	15	15	0	0
The Caribbean (22+1)	15	16	16	16	16	15	16	16	13	12	0	0
Western Asia (12)	12	12	12	12	12	12	12	12	12	0	0	0

  

<b>Main Aggregates (7)</b>	<b>Year (2005-2016) / # of <u>Complete</u> Country Submissions</b>											
<b>Region (# of countries)</b>	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	48	48	48	48	48	48	48	48	48	47	41	14
Asia and the Pacific (23)	3	3	3	3	3	4	5	5	5	5	5	3
CIS (9)	9	9	9	9	9	9	9	9	9	9	9	7
Eurostat-OECD (47+2)	41	41	41	42	42	43	43	44	45	45	42	35
Latin America (17+1-2)	0	0	0	0	0	0	0	0	0	0	0	0
The Caribbean (22+1)	1	1	1	1	1	1	1	1	0	0	0	0
Western Asia (12)	10	9	10	10	10	9	12	12	12	0	0	0

# Expenditures: Categories

Categories under HHC (13)	Year (2005-2016) / # of <u>Complete</u> Country Submissions											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	48	48	48	48	48	48	48	48	48	47	41	14
Asia and the Pacific (23)	4	4	4	4	4	5	5	5	5	5	5	4
CIS (9)	8	3	3	3	4	4	5	2	0	0	0	0
Eurostat-OECD (47+2)	40	40	40	40	41	42	43	44	45	44	42	30
Latin America (17+1-2)	0	0	0	0	0	0	0	0	0	0	0	0
The Caribbean (22+1)	0	0	0	0	0	0	0	0	0	0	0	0
Western Asia (12)	7	6	7	7	7	6	12	12	12	0	0	0

Categories under GFCF (3)	Year (2005-2016) / # of <u>Complete</u> Country Submissions											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	48	48	48	48	48	48	48	48	48	47	41	14
Asia and the Pacific (23)	4	4	4	4	4	5	6	6	6	6	6	5
CIS (9)	7	0	0	0	0	0	5	1	1	0	0	0
Eurostat-OECD (47+2)	43	43	43	43	43	43	42	42	42	42	42	35
Latin America (17+1-2)	2	2	2	2	2	2	2	2	2	2	0	0
The Caribbean (22+1)	3	3	3	3	3	3	3	3	2	2	0	0
Western Asia (12)	7	6	7	7	7	6	12	11	11	0	0	0

# Deflators: GDP and Main Aggregates

GDP	Year (2005-2016) / # of Country Submissions											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	47	47	47	47	48	48	48	48	47	44	38	9
Asia and the Pacific (23)	5	5	5	5	5	6	8	8	8	8	8	6
CIS (9)	9	9	9	9	9	9	9	9	9	9	9	9
Eurostat-OECD (47+2)	46	46	46	46	46	46	47	47	47	47	47	45
Latin America (17+1-2)	14	14	16	16	16	16	16	16	16	16	2	0
The Caribbean (22+1)	6	7	8	8	8	8	8	8	8	8	0	0
Western Asia (12)	12	12	12	12	12	12	12	12	12	0	0	0

Main Aggregates (5)	Year (2005-2016) / # of <u>Complete</u> Country Submissions											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	45	45	45	45	45	45	45	45	44	41	37	9
Asia and the Pacific (23)	3	3	3	3	3	4	4	4	4	4	4	2
CIS (9)	8	8	8	8	8	8	8	8	8	8	8	6
Eurostat-OECD (47+2)	36	36	36	36	36	36	37	37	37	36	36	31
Latin America (17+1-2)	1	1	1	1	1	1	1	1	1	1	1	0
The Caribbean (22+1)	1	1	1	1	1	1	1	1	1	1	0	0
Western Asia (12)	6	6	7	7	7	7	7	7	6	0	0	0

# CPIs: General and COICOP-12

General	Year (2005-2016) / # of Country Submissions											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	50	50	52	52	52	52	52	52	52	52	49	14
Asia and the Pacific (23)	12	11	12	13	13	13	16	16	16	16	16	15
CIS (9)	9	9	9	9	9	9	9	9	9	9	9	9
Eurostat-OECD (47+2)	44	45	45	45	45	45	45	45	45	45	45	45
Latin America (17+1-2)	15	15	15	15	15	15	15	15	15	15	0	0
The Caribbean (22+1)	17	19	19	19	20	20	20	21	21	21	0	0
Western Asia (12)	12	12	12	12	12	12	12	12	12	0	0	0

COICOP-12	Year (2005-2016) / # of <u>Complete</u> Country Submissions											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	42	42	42	43	45	45	45	45	44	44	42	14
Asia and the Pacific (23)	9	10	11	11	11	10	12	12	14	14	14	12
CIS (9)	3	3	3	3	3	4	4	4	4	4	4	4
Eurostat-OECD (47+2)	37	38	39	39	40	42	42	42	42	42	42	42
Latin America (17+1-2)	8	8	8	9	10	11	11	11	11	11	0	0
The Caribbean (22+1)	6	8	8	9	10	11	14	15	15	15	0	0
Western Asia (12)	7	8	11	11	12	12	12	12	12	0	0	0

# CPIs: COICOP-12 (Partial Submissions)

COICOP-12	Year (2005-2016) / # of <u>Partial</u> Country Submissions											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	7	7	8	8	6	6	6	6	7	7	6	0
Asia and the Pacific (23)	4	3	3	4	4	5	7	7	6	6	6	5
CIS (9)	5	5	6	6	6	5	5	5	5	5	5	5
Eurostat-OECD (47+2)	6	6	5	5	4	2	2	2	2	2	2	2
Latin America (17+1-2)	7	7	7	6	5	4	4	4	4	4	0	0
The Caribbean (22+1)	11	11	11	11	11	10	7	7	7	7	0	0
Western Asia (12)	0	0	0	0	0	0	0	0	0	0	0	0

COICOP-12	Year (2005-2016) / # of Countries <u>Without</u> data											
Region (# of countries)	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
Africa (50+4)	5	5	4	3	3	3	3	3	3	3	6	40
Asia and the Pacific (23)	10	10	9	8	8	8	4	4	3	3	3	6
CIS (9)	1	1	0	0	0	0	0	0	0	0	0	0
Eurostat-OECD (47+2)	6	5	5	5	5	5	5	5	5	5	5	5
Latin America (17+1-2)	1	1	1	1	1	1	1	1	1	1	16	16
The Caribbean (22+1)	6	4	4	3	2	2	2	1	1	1	23	23
Western Asia (12)	5	4	1	1	0	0	0	0	0	12	12	12

# Observed Issues

## OBSERVED ISSUES

- Sparse coverage of detailed time-series data for many countries
- Inconsistency between COICOP and General CPI series inflation (CPI)
- Breaks in series (CPI and DEF)
- Chained series reported, but we require fixed-based series (CPI and DEF)
- Scale of unit inconsistent or reported incorrectly (EXP, POP)
- Statistical discrepancy / fiscal year data reported (EXP)
- Problems in the summation of aggregation levels (EXP)
- Reported in a different currency than previously reported (EXP, XR)



# Reporting more detailed data

## BASIC HEADING LEVEL

- Currently, data for category level (/main aggregate for DEF) are requested. However some regions kindly shared more detailed data for interim years:
  - OECD shared CPI for basic heading level
  - Eurostat-OECD released DEF and EXP for group level
  - Western Asia shared expenditures for basic heading level (2011-13)

## NEW DATA SUBMISSION FORMAT

- New data submission format allows regions to submit more detailed data for extrapolation
- It is recommended to submit extrapolation data in the submission format to minimize adjustments at GIU

# Clarification of the Primary Reporting Region (1)

## COUNTRIES THAT JOINED FROM 2017 CYCLE

Country	Extrapolation Data Reporting Region	2017 Cycle Region	2011 Round Region
Argentina	OECD	LAC	-
Guyana	LAC	LAC	-
Turkmenistan	CIS	CIS	-
Uzbekistan	CIS	CIS	-
Libya	WAS	WAS	-

## COUNTRIES THAT WERE IN THE PREVIOUS ROUNDS

Country	Extrapolation Data Reporting Region	2017 Cycle Region	2011 Round Region
Macao SAR, China	-	-	ASI
Cuba	LAC	-	LAC
Venezuela	LAC	-	LAC
Lebanon	-	-	(WAS – 2005)
Syria	-	-	(WAS – 2005)
Yemen	-	-	WAS

# Clarification of the Primary Reporting Region (2)

## COUNTRIES THAT MOVED REGIONS

Country	Extrapolation Data Reporting Region	2017 Cycle Region	2011 Round Region
Colombia	OECD	OECD	LAC
Costa Rica	OECD	OECD	LAC

## COUNTRIES LINKED THROUGH A REGION

Country	Extrapolation Data Reporting Region	2017 Cycle Region	2011 Round Region
Ukraine	Eurostat	(through Eurostat)	CIS
Georgia	Eurostat	(through Eurostat)	Singleton
Iran, Islamic Rep.	NIA	(through WAS)	Singleton

# Clarification of the Primary Reporting Region (3)

## DUAL PARTICIPATION COUNTRIES

Country	Extrapolation Data Reporting Region	2017 Cycle Region	2011 Round Region
Egypt	WAS	AFR & WAS	AFR & WAS
Sudan	WAS	AFR & WAS	AFR & WAS
Morocco	WAS	AFR & WAS	AFR
Tunisia	AFR	(AFR & WAS?)	AFR
Russia	CIS	CIS & OECD	CIS & OECD

# Schedule Ahead

## SUBMISSION SCHEDULE

- Inputs expected twice a year before IACG meetings

	2017				2018				2019			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Governance Meetings and Reports</b>												
IACG meetings	Mar			Oct	Mar		Sep		Mar		Sep	
Meeting of TF1. PPP Compilation and Computation				Oct			Sep				Sep	
Report and Activities of TF.1 for building interim time series	Preliminary research					R	I		R			F
<b>Global PPP time series for the years 2012-2016</b>												
Extrapolation Data Submission	Feb		Sep		Feb		Aug		Feb		Aug	
Results and publication									PR		PR	FR+P

**Acronyms:** Report to TAG (R); Interim output (I); Final output (F); Preliminary Results (PR); Final Results (FR); Publication (P)



**THANK YOU**