



International Comparison Program
for Asia and the Pacific 2021

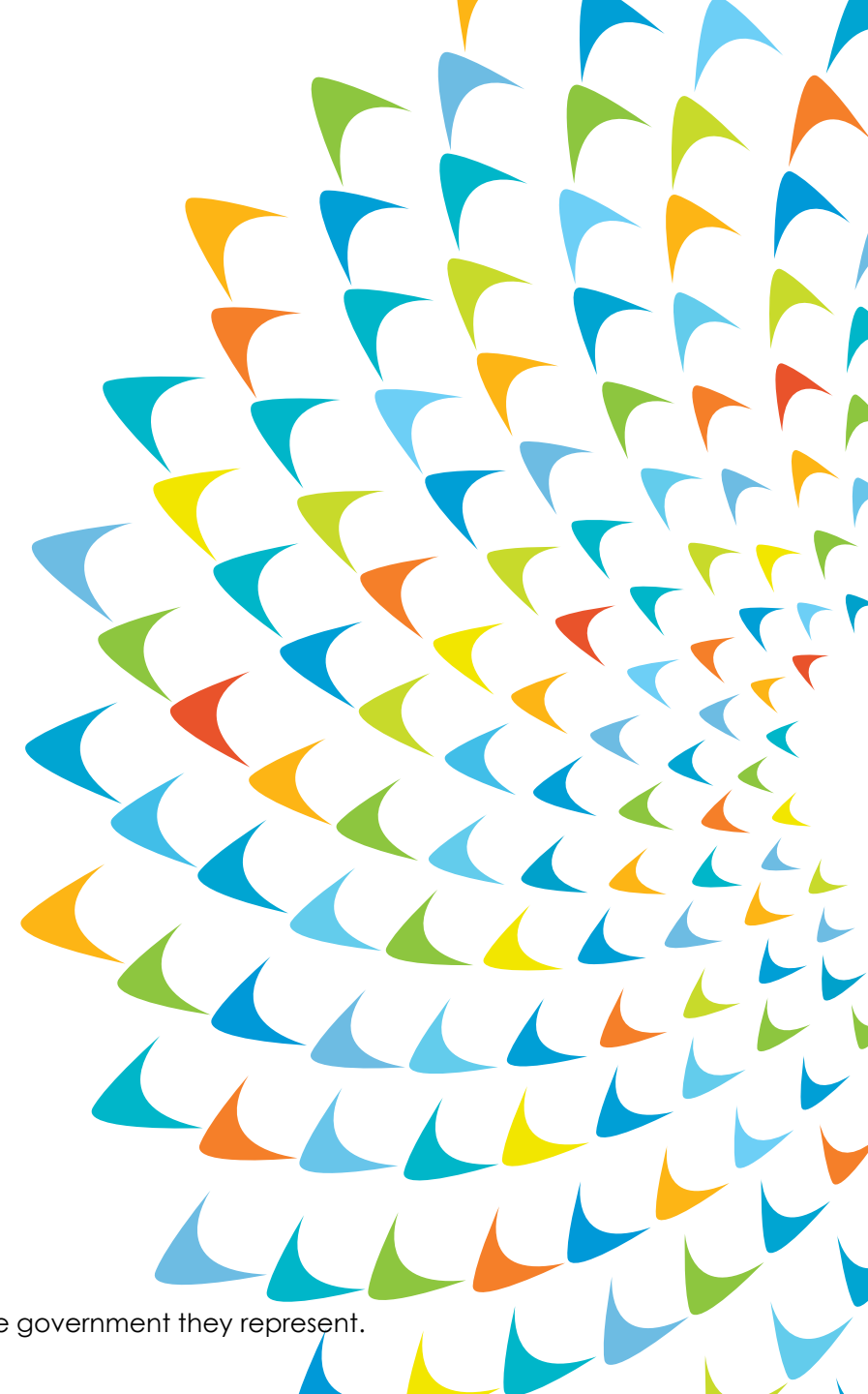
Regional Progress Report: Asia and the Pacific

Inter-Agency Coordination Group (IACG) Meeting

31 October – 3 November 2023

World Bank Headquarters

Asian Development Bank



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Outline

- Economy Participation
- Implementation status
 - Survey status
 - Data and metadata submission and validation status
 - Expenditure compilation status
 - Metadata questionnaire submission status
 - PPP estimation status (2021, 2017, timeseries)
- Recent and forthcoming workshops and meetings
- Outreach activities and announcements



2021 ICP Cycle: Participating Economies and Survey Implementation Status



Economy Participation

- **Twenty-one economies** are participating in the 2021 ICP cycle.

Bangladesh	Bhutan	Brunei Darusslam	Cambodia	China, People's Rep. of
Fiji	Hongkong, China	India	Indonesia	Lao PDR
Malaysia	Maldives	Mongolia	Nepal	Pakistan
Philippines	Singapore	Sri Lanka	Taipei, China	Thailand
Viet Nam				

- ADB provides **limited financial support** under its Technical Assistance program to eligible economies for implementing ICP activities and data collection.



Survey Schedule

Survey/Activities	2021				2022				2023				2024	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Household Consumption ¹														
Machinery and Equipment ²														
Construction ²														
Government Compensation ³														
Housing Rental ⁴														
Housing Volume														
GDP Expenditures and Deflator Compilation														
Other Data Submissions ⁵														
Publication/Dissemination of results ⁶														

GDP = Gross Domestic Product., Q = Quarter.

¹ Price collection has been extended until December 2022 to cover a 12-month cycle.

² One-time price collection - preferably in June-July 2021 for Construction (CNS) and Q3 2021 for Machinery and Equipment (MEQ). Has been extended until Q4 2022 for some economies which were not able to start price collection in 2021..

³ Government Compensation - Based on administrative data with 2021 as reference year.

⁴ Preferably two-time price collection in June and December 2021 for annual rent collection. Has been extended until Q4 2022 for economies which were not able to start price collection in 2021.

⁵ Refers to Consumer Price Indices, Population, and Exchange Rates.

⁶ Publication of 2021 ICP Results in Q4 2023 will be subject to the assessment of progress made in economies and on account of the delays in implementing price surveys in some economies due by COVID-19 and/or and other challenges.

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Survey Status – Household Consumption [1]

Price Collection

- Price surveys started in Q1 2021 in half of the economies and completed in 21 by Q4 2022.
- Delayed start of surveys in others mainly due to COVID-19 - surveys extended up to 2022 to allow flexibility.
- Price collection surveys in India, Lao PDR, and Pakistan conducted in 2022.
- Back casting/extrapolation of 2022 prices to the reference year 2021 is required for comparisons. Extrapolation of prices from Q1 2020 to Q1 2021 for prices for BAN, MAL, and VIE.

NIA	2021				2022			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
BAN ¹								
BHU								
BRU								
CAM								
FIJ								
HKG								
IND ²								
INO								
LAO ²								
MAL ¹								
MLD								
MON								
NEP								
PAK ²								
PHI								
PRC								
SIN								
SRI								
TAP								
THA								
VIE ¹								

NIA = national implementing agency.

1 Prices collected in Q1 2020 to be extrapolated to Q1 2021.

2 Prices collected in 2022 to be back casted to 2021.



Survey Status – Household Consumption [2]

Data Submission and Validation

- Household items price data have been received on a quarterly basis for 18 economies.
- Lao PDR collected prices in 2022 and sourced prices from the CPI survey for some items. Prices collected in 2022 were back-casted to 2021.
- Pakistan, no price collection in 2021. Only limited prices were collected in 2022, mainly fast-moving items, administrative sources, and from CPI (2021). Where necessary, prices were back-casted to 2021.
- For Pakistan, prices for items not collected in 2021 and 2022, were extrapolated to 2021 from the 2017 ICP prices.
- India conducted full price collection in 2022 and prices were back-casted to 2021 and submitted.



Survey Status – Household Consumption [3]

Data Submission and Validation

- Intra-economy price data validations undertaken regularly, and five regional inter-economy data validation workshops conducted in July 2021, October 2021, February 2022, October 2022, and May 2023. The final outlier analysis is still ongoing with the NIAs.
- Prices for India, the Lao PDR, and Pakistan are still in the final stages of validation
- Prices as of the submitted date, have been sent to the ICP Global Office for global validations.



Survey Status – GFCF: Construction and Machinery & Equipment

Price Collection

- Data collection with reference year 2021, was conducted in 2021 for 18 economies. Whereas surveys in the Lao PDR, India, and Pakistan was in 2022.
- The Lao PDR and Pakistan data received earlier, while updated data for India received in September 2023.

Data Submission and Validation

- Six regional data validation workshops (3 for construction and 3 for MEQ) conducted for 18 economies. Final outlier analysis is ongoing with the NIAs.
- Data for the Lao PDR, India, and Pakistan were initially validated in the May 2023 regional workshop and some issues are still being addressed.
- Prices are submitted for global validations for the IACG meeting in October/November 2023.



Survey Status – Housing [1]

Rental Surveys: Price Collection

- Surveys for Housing Rental have all been conducted.
- Survey data received from the Lao PDR, Pakistan, and India.

Data Submission and Validation

- Three regional data validation workshops conducted.
- Final outlier analysis ongoing with NIAs.



Survey Status – Housing [2]

Housing Volume – Data Collection

- All economies have submitted data on various Housing Volume indicators.
- Three regional workshops in May 2022, September 2022, and June 2023. Review of preliminary results ongoing.

Data Submission and Validation

- Work on the development of hybrid methodology for estimating housing PPPs ongoing following TAG's recommendations made in the 2017 ICP.
- To be presented in the TAG meeting on 6 to 7 November 2023.



Survey Status – Government Compensation

- Surveys conducted during Q1-Q2 2022 in most economies.
- Data received for all 21 economies with some pending issues to be resolved with select economies. India will submit revised data soon for all occupations.
- Two inter-economy data validations for government compensation for all economies conducted in September 2022 and June/July 2023.



Gross Domestic Product (GDP) Expenditure Compilation Status

- Ongoing validation of GDP expenditures data for 2017 (revised) and 2021.
- Two regional workshops conducted in March 2022 and July 2023.
- All economies have submitted 2017 to 2021 GDP data up to the BH level, except for Bangladesh which submitted FY estimates only at the main aggregate and BH under ICEH.
- Some issues also pending with Brunei Darussalam. For this GO submission, ADB estimated BHs using the 2017 structure applied to the published data and aggregates submitted by Brunei Darussalam.
- Cambodia recently provided estimates for 2021, but not included in GO submission due to some discrepancies. The 2021 estimates submitted to GO are based on published levels and 2020 structure.
- Maldives is expected to submit revised GDP expenditures for a revised base year to 2019.
- Experts Group meeting suggested using the latest available structure for economies which did not provide BH-level details for some aggregates.



Metadata Questionnaire: Submission Status



ICP Survey Framework and Covid-19

- Except for India, all economies submitted Household Survey Framework
- Survey Framework and Covid-19 metadata to be submitted prior to the November 2023 regional workshop.



National Accounts Practices

- All 21 economies submitted
- Covid-19 metadata – submitted except for Brunei Darussalam
- Ongoing updates to be made based on recent data submissions



Housing

- Completed rental information submissions for 21 economies
- Volume information still pending for 5 economies
- Ongoing updates to be made based on recent data submissions



PPP Estimation Status



- The 2017 (revised) and 2021 preliminary PPPs have been generated based on October 2023 submission to ICP GO.
- The estimates have undergone assessment/review during the Experts Group meeting on 4-6 October 2023 and presented in the Regional Advisory Board (RAB) meeting on 9 October 2023.
- Estimates are further subject to revisions pending ongoing outlier validations, data submissions, and recommendations from the Experts Group and RAB.
- Housing PPPs estimated using both the reference volume and new hybrid method.



ICP Data Management Tools [1]

CAPI-ICP tool for household price collection

- The finalization of the CAPI-ICP tool for Household Consumption is in progress.
- Mongolia and Fiji are scheduled to pilot test the tool tentatively in November 2023.





ICP Data Management Tools [2]

Web-scraping Tool

- Development of web scraping tool is in progress
- Experience sharing with SINGSTAT on 29 August 2023 led to some system feature adoption

Online Survey tool for Updating 2024 HHC product list

- An online survey tool to seek feedback from economies for updating the household product list for 2024 ICP – deployed on 28 September.

ICP List Update Survey Tool
Household Consumption

The International Comparison Program (ICP) Household Consumption (HHC) List Survey Tool is an online tool that allows collaboration between the national implementing agencies (NIA) and the Asian Development Bank (ADB) towards its improvement for the 2024 ICP for Asia and the Pacific.

This tool collects survey inputs on the 2021 ICP HHC product list for Asia and the Pacific. We would like your suggestions on the updates on product characteristics, new emerging items, and on the deletion of obsolete items from the current product list.

As a collaborative tool, inputs and suggestions are visible to all users. Provision for suggestions of new items as well as deletion of no longer relevant items are also provided.

Num. of Submitted Survey Responses BY ECONOMY

33 TOTAL

Survey Dashboard

You have submitted 0 response(s). [View response summary.](#)

The purpose of this survey is to collect inputs on the updated ICP product list. You can select a product from the list below and (i) update a product, (ii) Mark a product for deletion, or (iii) propose a new product. Additionally, users are highly encouraged to provide indicative Brands, Makes, or Models for Well-Known Brand (WKB) products. Products with changes in SPDs since the previous cycle are highlighted yellow and new World Bank / ADB products are highlighted in green.

Once you have no further responses to add, please mark yourself as **DONE**.

SEARCH FILTERS

Type to search product...

Filter by Category

Filter by Group

Filter by Class

Filter by Basic Heading

Filter by Class

CUSTOM FILTERS

Household without Education

Household Private Education Only

PRODUCTS LIST - Responded | - New Proposal from NIA | - Marked for Deletion

1101111010	Basmati rice, WKB	1
1101111020	Broken rice, 25% BNR	
1101111030	Brown rice, family pack, BL	
1101111040	Brown rice, loose, BL	
1101111050	Jasmine rice, family pack, WKB	1
1101111060	Long grain rice, non-parboiled, BNR	
1101111070	Long grain rice, non-parboiled, Prepacked, BL	
1101111080	Long grain rice, family pack, BL	
1101111090	Long-grain rice, not parboiled, WKB	
1101111100	Long-grain rice, parboiled, WKB	
1101111110	Medium grain rice, parboiled, BNR	
1101111120	Medium-grain rice, not parboiled, BNR	
1101111130	Premium long grain rice, Prepacked, BL	
1101111140	Premium short grain rice, BNR	
1101111150	Premium short grain rice, Prepacked, BL	



2021 ICP Cycle: Workshops and Meetings



Regional Workshops/Meetings [1]

- **Nineteen (Virtual)** regional workshops since December 2020 (Appendix)
- **Two (In-person)** regional workshops in May and June-July 2023

Regional/Other Workshop	Objective
Twentieth Regional Workshop (in-person) , 25-27 May 2023 [# of participants: 43]	Inter-economy data validation of machinery & equipment prices
Twentieth Regional Workshop (in-person) , 29-31 May 2023 [# of participants: 38]	Inter-economy data validation of household consumption prices
Twenty-first Regional Workshop (in-person) , 29 June – 1 July 2023 [# of participants: 28]	Inter-economy data validation of government compensation & housing data
Twenty-first Regional Workshop (in-person) , 3-4 July 2023 [# of participants: 36]	Inter-economy data validation of gross domestic product expenditures



Regional Workshops/Meetings [2]

Regional/Other Workshop	Objective
<p>Expert Group Meeting (in-person), 4-6 October 2023 [# of participants: 10]</p>	<p>Review of prices and GDP data quality, estimation methods including a new methodology for Housing, and review of preliminary 2021 regional PPPs and results.</p>
<p>ICP Asia Pacific Regional Advisory Board Meeting (in-person), 9 October 2023 [# of participants: 24]</p>	<p>Pending data concerns, methods including Housing, preliminary results, and recommendations done by the Expert Group for timely completion in line with the global timelines</p>





Upcoming Events/Workshops [1]

Workshop	Objective
<p>Twenty-second Technical Evaluation and Review Workshop (Mode: In-person), 20-24 November 2023</p>	<ul style="list-style-type: none"> • Pending data concerns • 2021 preliminary PPPs and results • 2021 HHC survey framework & metadata • 2024 product list & sampling frame • Innovations in ICP - CAPI tool, web-scraping, • Research agenda
<p>Meeting of the heads of national implementing agencies and national coordinators – 2021 ICP results presentation (Mode: In-person), Q1/Q2 2024 (to be determined)</p>	<p>Present full range of regional results of 2021 ICP based on 2021 PPPs and revised 2017 following implementation of recommendations of ICP Experts Group.</p>



Upcoming Events/Workshops [2]

- Bilateral meetings and in-country missions will be conducted on need basis to resolve pending issues.
- Finalization of 2021 ICP results in Q1 2024 and publications and dissemination of 2021 ICP results/reports Q1/Q2 2024 (Tentative)



2021 ICP Cycle: Outreach Activities and Announcements



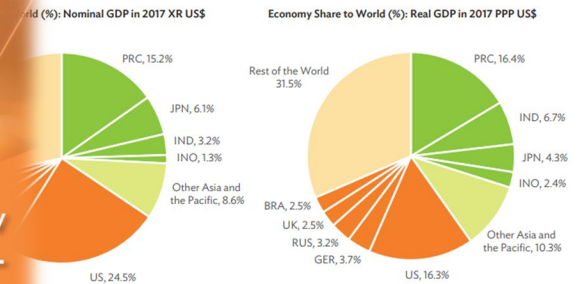
Outreach Activities [1]

- **Key Indicators for Asia and the Pacific 2023 – one section on ICP implementation,** highlighting contribution of economies, was published in August 2023 and featured on the ICP Global Office website <https://www.worldbank.org/en/programs/icp>.

Results of the 2017 ICP provide data on purchasing power parities and real expenditures prior to the COVID-19 pandemic, making them especially useful to track post-pandemic economic recovery.⁶

During the 2017 ICP, 32 Asia Pacific economies participated, 22 of which were directly coordinated by ADB. These 32 regional economies account for about 56% of the global results show these economies contributed 40% of the world's GDP PPPs, higher than the contribution of 34% when measured at market exchange rates.

Figure 4.5: Contribution to Global GDP, Nominal and Real



Domestic Product, GER = Germany, IND = India, INO = Indonesia, JPN = Japan, PRC = People's Republic of China, RUS = Russian Federation, UK = United Kingdom, US = United States, US\$ = United States dollar,

International Comparison Program databank <https://databank.worldbank.org/source/icp-2017> (October 2020).

PART IV Stories Behind Data— Using Price Data and Statistics to Track Socioeconomic Development

Highlights



BLOG

Over 3.1 billion people could not afford a healthy diet in 2021

This blog presents 2021 estimates of the Cost and Affordability of a Healthy Diet (CoAHD) indicators from Food Prices for Nutrition which draw extensively on ICP price and expenditure data.



BLOG

Global poverty estimates to be updated using ICP 2017 PPPs

September 2022 update of global poverty lines and poverty headcounts is based on the ICP 2017 PPPs. The international poverty line has been adjusted from \$1.90 to



PUBLICATION

ICP featured in the Asian Development Bank's flagship report

The Key Indicators for Asia and the Pacific 2023 features an extensive report on the role of the ICP in the region and the use made of the program's results.



NEWSLETTER

ICP Highlights

The ICP Highlights newsletter covers recent ICP events, governance meetings, results, publications, blogs, and uses of ICP data and purchasing power parities (PPPs).



Outreach Activities [2]



ICP International Comparison Program
for Asia and the Pacific

OVERVIEW ABOUT ICP DATA RESOURCES EVENTS **ADB**

The International Comparison Program (ICP)
The ICP is the world's largest global statistical initiative for estimating purchasing power parities (PPPs) to compare economic outputs, standards of living, and relative price levels across economies.

Statistics Singapore Newsletter
ISSN 2591-7382
ISSUE 1, 2022

**The International Comparison Program:
An Overview and the Latest Results**
by Wendy Low, Economics Accounts Division
and Sarah Ng, Prices Division
Singapore Department of Statistics

- Updated the **ICP microsite** **icp.adb.org** in October 2023 for events, publications, and a new page for implementing agencies information.
- Singapore Department of Statistics published a newsletter which highlighted national implementation of the ICP 2021 cycle.



Thank You!

<https://icp.adb.org>

<https://www.adb.org/what-we-do/data/economic-data/icp>



Appendix – List of Events (Regional workshops)



Regional Workshops/Meetings [1]

Regional/Other Workshop	Objective
<p>First Regional Workshop (virtual), 1 to 3 December 2020 [# of participants: 121]</p>	<p>Household consumption survey: Pre-survey preparations, product list, operational guidelines, and sharing economy experiences on CPI collection during COVID-19</p>
<p>Second Regional Workshop (virtual), 7 to 8 April 2021 [# of participants:108]</p>	<p>Construction survey: Methodology, product list, data requirements, operational guidelines, and survey tools.</p>
<p>Third Regional Workshop (virtual), 21 to 22 April 2021 [# of participants:101]</p>	<p>Household consumption survey: Data validation methods, and ICP APSS tool Housing rental survey: Housing methodology, product list, and operational guidelines.</p>
<p>Fourth Regional Workshop (virtual), 22, 23, and 25 June 2021 [# of participants: 110]</p>	<p>Machinery and equipment survey: Product list, data requirements, operational guidelines, and survey tools.</p>



Regional Workshops/Meetings [2]

Regional/Other Workshop	Objective
<p>Fifth Regional Workshop (virtual), 6 to 8 July 2021 [# of participants: 120]</p>	<p>Household consumption survey: Inter-economy validation of Q1 2021 household consumption items prices.</p>
<p>Sixth Regional Workshop (virtual), 25,26, and 28 October 2021 [# of participants: 102]</p>	<p>Household consumption survey: Inter-economy validation of revised Q1 and fresh Q2 2021 household consumption items prices.</p>
<p>Seventh Regional Workshop (virtual), 16-17 November 2021 [# of participants: 92]</p>	<p>Housing rental survey: Inter-economy validation of housing rental data Housing volume survey: Housing volume methodology, concepts, data sources, and tools.</p>
<p>Eighth Regional Workshop (virtual), 24-25 November 2021 [# of participants: 80]</p>	<p>Construction survey: Inter-economy validation of prices of construction inputs.</p>



Regional Workshops/Meetings [3]

Regional/Other Workshop	Objective
<p>Ninth Regional Workshop (virtual), 13-15 December 2021, [# of participants: 90]</p>	<p>Machinery and equipment survey: Inter-economy validation of price data of MEQ items.</p>
<p>Tenth Regional Workshop (virtual), 22-24 February 2022, [# of participants: 110]</p>	<p>Household consumption survey: Inter-economy validation of revised Q1-Q2 and fresh Q3 2021 household consumption items prices.</p>
<p>Eleventh Regional Workshop (virtual), 10 March 2022, [# of participants: 120]</p>	<p>Government compensation survey: Concepts, product list, data requirements, operational guidelines, and survey tools.</p>
<p>Twelfth Regional Workshop (virtual), 23-24 March 2022 [# of participants: 115]</p>	<p>National Accounts and GDP Expenditures: ICP and national accounts framework, GDP expenditures splitting, and ICP COVID-19 Guidance Note on National Accounts Expenditures Data.</p>



Regional Workshops/Meetings [4]

Regional/Other Workshop	Objective
Thirteenth Regional Workshop (virtual) , 10 May 2022 [# of participants: 77]	Housing rental survey: Status of surveys and Inter-economy validation for housing rental data.
Fourteenth Regional Workshop (virtual) , 12 May 2022 [# of participants: 71]	Housing volume survey: Status of data submission and Intra-economy validation of housing volume indicators.
Fifteenth Regional Workshop (virtual) , 24-25 May 2022 [# of participants: 85]	Construction survey: Status of surveys and Inter-economy validation of construction items price data.



Regional Workshops/Meetings [5]

Regional/Other Workshop	Objective
Sixteenth Regional Workshop (virtual) , 28 - 30 June 2022 [# of participants: 84]	Inter-economy data validation of machinery & equipment prices
Seventeenth Regional Workshop (virtual) , 27 September 2022 [# of participants: 66]	Inter-economy data validation of housing volume data
Eighteenth Regional Workshop (virtual) , 29 September 2022 [# of participants: 70]	Inter-economy data validation of government compensation data
Nineteenth Regional Workshop (virtual) , 18 - 20 June 2022 [# of participants: 80]	Inter-economy data validation of household consumption prices



Regional Workshops/Meetings [6]

Regional/Other Workshop	Objective
Twentieth Regional Workshop (in-person), 25-27 May 2023 [# of participants: 43]	Inter-economy data validation of machinery & equipment prices
Twentieth Regional Workshop (in-person), 29-31 May 2023 [# of participants: 38]	Inter-economy data validation of household consumption prices
Twenty-first Regional Workshop (in-person), 29 June – 1 July 2023 [# of participants: 28]	Inter-economy data validation of government compensation & housing data
Twenty-first Regional Workshop (in-person), 3-4 July 2023 [# of participants: 36]	Inter-economy data validation of gross domestic product expenditures



Other Workshops/Meetings [1]

Regional/Other Workshop	Objective
<p>Country workshop with Fiji Bureau of Statistics (virtual), 12 to 15 April 2021, [# of participants:16]</p>	<p>Household survey: Pre-survey preparations, product list, operational guidelines, Construction survey: Product list, data requirements, operational guidelines and tools.</p>
<p>Workshop with Brunei Darussalam, Fiji, and Malaysia (virtual), 4 to 5 May 2021, [# of participants: 33]</p>	<p>Household consumption survey: Data validation methods, and ICP APSS tool Housing rental survey: Housing methodology, product list, and operational guidelines.</p>



Other Workshops/Meetings [2]

Regional/Other Workshop	Objective
<p>Country workshop with Ministry of Ministry of Statistics and Programme Implementation (virtual), 28-29 December 2021, [# of participants:27]</p>	<p>2021 ICP surveys: Product lists, ICP data requirements, ICP APSS, timelines and other survey related matters.</p>
<p>Online Workshop with LSB on National Accounts Framework and Data Requirements (virtual), 1 July 2022 [# of participants: 13]</p>	<p>Discussion of the national accounts framework and ICP expenditure classification; GDP splitting; NA expenditures during the pandemic</p>
<p>In-country workshop with LSB to discuss ICP implementation and data concerns (face-to-face), 21-25 November 2022 [# of participants: 15]</p>	<p>Discussion of the status of ICP implementation and data issues</p>



Other Workshops/Meetings [3]

Regional/Other Workshop	Objective
<p>Technical Review Workshop with the Philippine Statistics Authority, Philippines (In-person) 14-16 February 2023, [# of participants:10]</p>	<p>Discussion of data concerns based on the validation of prices for household consumption and back casting of prices; conversion of household consumption average prices, housing rental and volume surveys; and government compensation data.</p>
<p>Technical Review of ICP Price Data with the Lao Statistics Bureau, Pakistan Bureau of Statistics, and Trade Policy and Strategy Office, Bangkok (face-to-face), 27-31 March 2023 [# of participants: 18]</p>	<p>Review/validation of available prices of HHC, back-casting of HHC prices, MEQ, CNS, GOV, REN, and HOV.</p>