



International Comparison Program  
for Asia and the Pacific 2021

# Regional Progress Report: Asia and the Pacific

**Inter-Agency Coordination Group (IACG) Meeting**

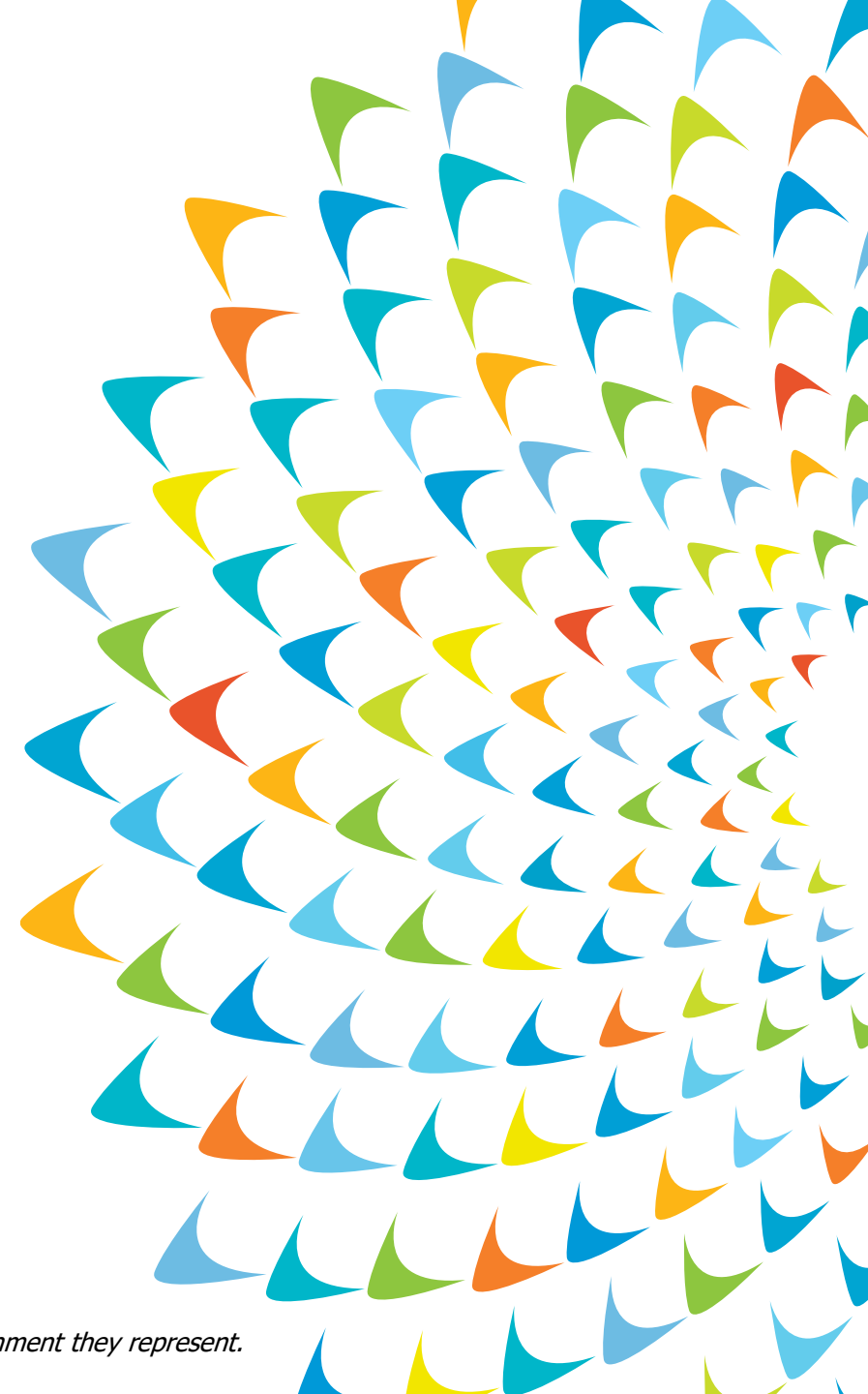
15-18 May 2023

World Bank Headquarters

**Asian Development Bank**

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# **2021 ICP Cycle: Participating Economies and Survey Implementation Status**



# Participating Economies Status

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

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

- Survey activities completed in Q4 2021 in more than half of the economies.
- Lao PDR, India, and Pakistan initiated survey activities in 2022.
- ADB provides limited financial support under its Technical Assistance program to eligible economies for implementing ICP activities and data collection.



# ICP 2021 Regional Surveys Schedule

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

GDP = Gross Domestic Product., Q = Quarter.

1 Price collection will be 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). Actual price collection may go upto Q2 2022 for some economies which did not collect prices in 2021.

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

4 Two-time price collection in June and December 2021 for annual rent collection or one time as convenient to the economies.

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

6 Publication of 2021 ICP Results in Q4 2023 will be subject to the progress made in economies and delays observed due to COVID-19 pandemic.



# Survey Status – Household Consumption [1]

## Price Collection

- Price surveys started in Q1 2021 in half of the economies. and completed in 18 by Q2 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.

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

1 Prices collected in Q12020 to be extrapolated to Q1 2021



# Survey Status – Household Consumption [2]

## Data Submission and Validation

- Household items price data have been received on a quarterly basis for 18 economies.
- For Lao PDR and Pakistan partial data has been received, data from India is awaited.
- Intra-economy price data validations conducted on an ongoing basis. Four regional inter-economy prices data validation workshops conducted since July 2021.
- Prices also submitted to the ICP Global Office for global validations.



# Survey Status – GFCF: Construction and Machinery & Equipment

## Price Collection

- Data collection, with reference year 2021, conducted during in 2021 in 18 economies whereas surveys conducted in Lao PDR, India, and Pakistan in 2022.
- LAO and PAK data received in Jan-Feb 2023 whereas data from India is awaited.

## Data Submission and Validation

- Four regional data validation workshops (2 for construction and 2 for MEQ) conducted for validations for 18 economies.
- Prices submitted to ICP Global Office for global validations.



# Survey Status – Housing [1]

## Rental Surveys Price Collection

- Surveys for Housing Rental implemented in all have been conducted.
- Survey data received recently from Lao PDR and Pakistan, submission from India is awaited.

## Data Submission and Validation

- Two regional data validation workshops conducted for data validations are ongoing.





# Survey Status – Housing [2]

## Data Submission and Validation

- So far 19 economies have submitted data on various HOV indicators. No data submitted yet by India and Fiji.
- One regional workshop in September 2022 reviewed HOV data for 17 economies and reviewed preliminary results.

## Data Submission and Validation

- Work on the development of new methodology for estimating housing PPPs ongoing following TAG's recommendations made in 2017 ICP.



# Survey Status – Government Compensation

## Government Compensation

- Surveys conducted during Q1-Q2 2022 in most economies.
- Data received so far from 20 economies. No data yet submitted by India.
- First inter-economy data validation for government compensation for 18 economies conducted in September 2022 and reviews ongoing.



# Gross Domestic Product Expenditures (GDP)

- Submissions and validations of GDP expenditures data for 2017 (revised) and for 2021 is ongoing and one regional workshop was conducted in March 2022.
- 19 economies have submitted GDP data up to BH level. IND no submission yet and MLD only main aggregates available.
- Submissions and validations of GDP expenditures is ongoing as detailed breakdown of GDP expenditures are still not finalized in many economies and GDP series are subject to revisions in coming months.



# PPP Estimation Status

- Prices and GDP expenditures data submission for 2021 is still ongoing. Price back-casting for periods collected in 2022 is also ongoing.
- Three lagging economies (India, Lao PDR, and Pakistan) not yet integrated into regional validations as data is either not complete or not available.
- 19 economies have submitted GDP data up to BH level for 2021 and 2017 (updated) and validations are in process. IND no submission yet and MLD only main aggregates available.
- PPPs for 2017 will be revised based on revisions in the BH PPPs for GOV compensation (productivity adjustments revisions and leave/public holidays data revisions) and GDP revisions.
- 2017 PPPs expected to be estimated by Q4 2023 along with PPPs for 2021 ICP provided pending data submissions and clarifications are received timely.



# Workshops/Meetings Since Nov 2022

- Since the last IACG meeting, the focus is on lagging economies of Lao PDR, Pakistan, and individual meetings on validations and price back-casting

Regional/Other Workshops	Objective
<p><b>In-country Workshop with the Lao Statistics Bureau (face-to-face), Vientiane</b> 21-25 November 2022 [# of participants: 12]</p>	<ul style="list-style-type: none"> <li>Discussions on HHC, MEQ, CNS, GOV, REN, HOV, and GDP data</li> <li>Training to validate/manage data collected</li> <li>Training for surveys to be conducted MEQ, CNS, and REN</li> </ul>
<p><b>In-country Workshop with the Philippine Statistics Authority (face-to-face), Manila</b> 14-16 February 2023 [# of participants: 5]</p>	<ul style="list-style-type: none"> <li>Discussion on – HHC prices and back casting and conversion from Capital to National; GOV, REN, and HOV data issues</li> </ul>



## Other Workshops/Meetings [3]

Regional/Other Workshops	Objective
<p><b>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]</b></p>	<ul style="list-style-type: none"> <li>Review/validation of available prices of HHC, back-casting of HHC prices, MEQ, CNS, GOV, REN, and HOV.</li> </ul>



# Upcoming Workshops [1]

Workshop	Objective
<p><b>20<sup>th</sup> Regional Workshop – Household Consumption, Construction, Machinery and Equipment</b> (Mode: In-person), 25-31 May 2023</p>	<ul style="list-style-type: none"> <li>• Inter-economy validation of annual average prices and preliminary unweighted 2021 PPPs for               <ul style="list-style-type: none"> <li>• HHC,</li> <li>• MEQ, and</li> <li>• CNS.</li> </ul> </li> </ul>
<p><b>21<sup>st</sup> Regional Workshop – GDP Expenditures, Housing Services, and Government</b> (Mode: In-person), 29 June - 4 July 2023</p>	<ul style="list-style-type: none"> <li>• Review/validate GDP expenditures data for 2017 to 2021.</li> <li>• Review/validate data and preliminary unweighted 2021 PPPs for               <ul style="list-style-type: none"> <li>• REN,</li> <li>• HOV, and</li> <li>• GOV (including productivity adjustments) and preliminary unweighted PPPs for 2021.</li> </ul> </li> <li>• New housing methodology,</li> </ul>



# Upcoming Workshops - Tentative [2]

Workshop	Objective
<p><b>Meetings of the ICP Experts Group -</b> (Mode: In-person), Q3 2023 and Q4 2023</p>	<ul style="list-style-type: none"> <li>Review of the full range of data and preliminary regional results of 2021 ICP based on 2021 PPPs and revised 2017 ICP results.</li> </ul>
<p><b>Meeting of the heads of national implementing agencies – 2021 ICP results presentation</b> (Mode: In-person), Q4 2023</p>	<ul style="list-style-type: none"> <li>Present full range of regional results of 2021 ICP based on 2021 PPPs and revised 2017 following implementation of recommendations of ICP Experts Group.</li> </ul>
<p><b>Pre-survey preparatory activities for 2024 ICP cycle</b> (Mode: In-person), Q3 2023</p>	<ul style="list-style-type: none"> <li>Updating of household product list and its representativity for regional comparisons. Guidelines for household consumption.</li> <li>Innovations in ICP - CAPI tool, web-scraping,</li> <li>Sub-national PPPs methods.</li> </ul>





# **2021 ICP Cycle: Risks, Mitigation, Outreach Activities and Announcements**



# Risks, Challenges, and Mitigation Measures [1]

- **Delayed commencement and COVID-19 restrictions** in nearly half of the participating economies, leading to different data collection periods during 2021-2022. Three economies with data collection started in 2022 are lagging in data submissions and validations.
- **Survey period extended** up to end of 2022 to ensure full participation.
- **Additional metadata collection** to understand expenditures/prices affected due to COVID-19.
- **Rigorous data validation** at the regional level pursued and additional data Tools developed to aid NIAs in price extrapolation /back casting.



# Risks, Challenges, and Mitigation Measures [2]

- **Lagging Economies – Lao PDR, India, and Pakistan surveys in 2022**
  - **India** – No data submissions yet. ADB Chief Economist met with the Chief Statistician of India requesting submission of data.
  - **Lao PDR and Pakistan** – Data submissions are partial and ADB working with the NIAs for expeditious submissions as well as on validating their data. Data validation workshop with PBS and LSB held in March 2023.
  - **Challenges therefore remain** in receiving complete data and regional validations with full set of 21 target economies and calculation of PPPs and publication of results by end 2023 is subject to timely receipt of data. ADB is continuously providing support to PBS and LSB and pursuing with India.

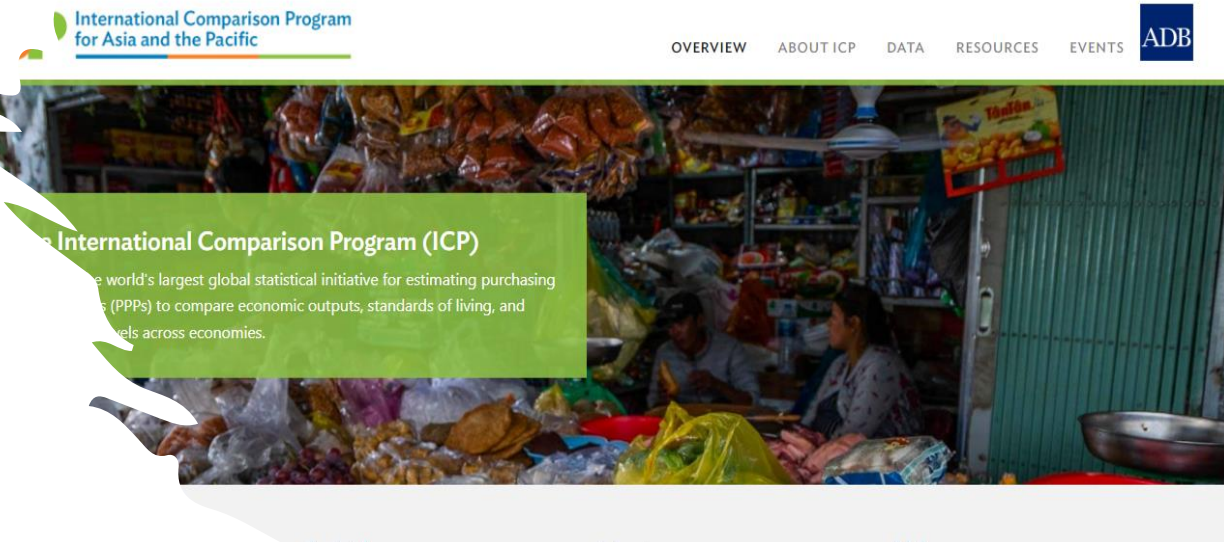


# Risks, Challenges, and Mitigation Measures [3]

- **Financial and human resource constraints** – general budget cuts, turnover of ICP trained staff also affected progress.
- **Competing statistical priorities** – population census; post enumeration census activities, or other major surveys in 2021 and 2022, especially for economies with limited manpower for data collection.
- **Virtual regional and bi-lateral workshops** – 19 regional workshops and several bi-lateral workshops conducted virtually due to travel restrictions. Have served the purpose but not optimal for data discussions. Face-to-face meetings to resume in Q1 2023.
- Participating economies have exhibited tremendous **resilience** in implementing ICP surveys in adverse circumstances due to COVID-19.

# Outreach Activities

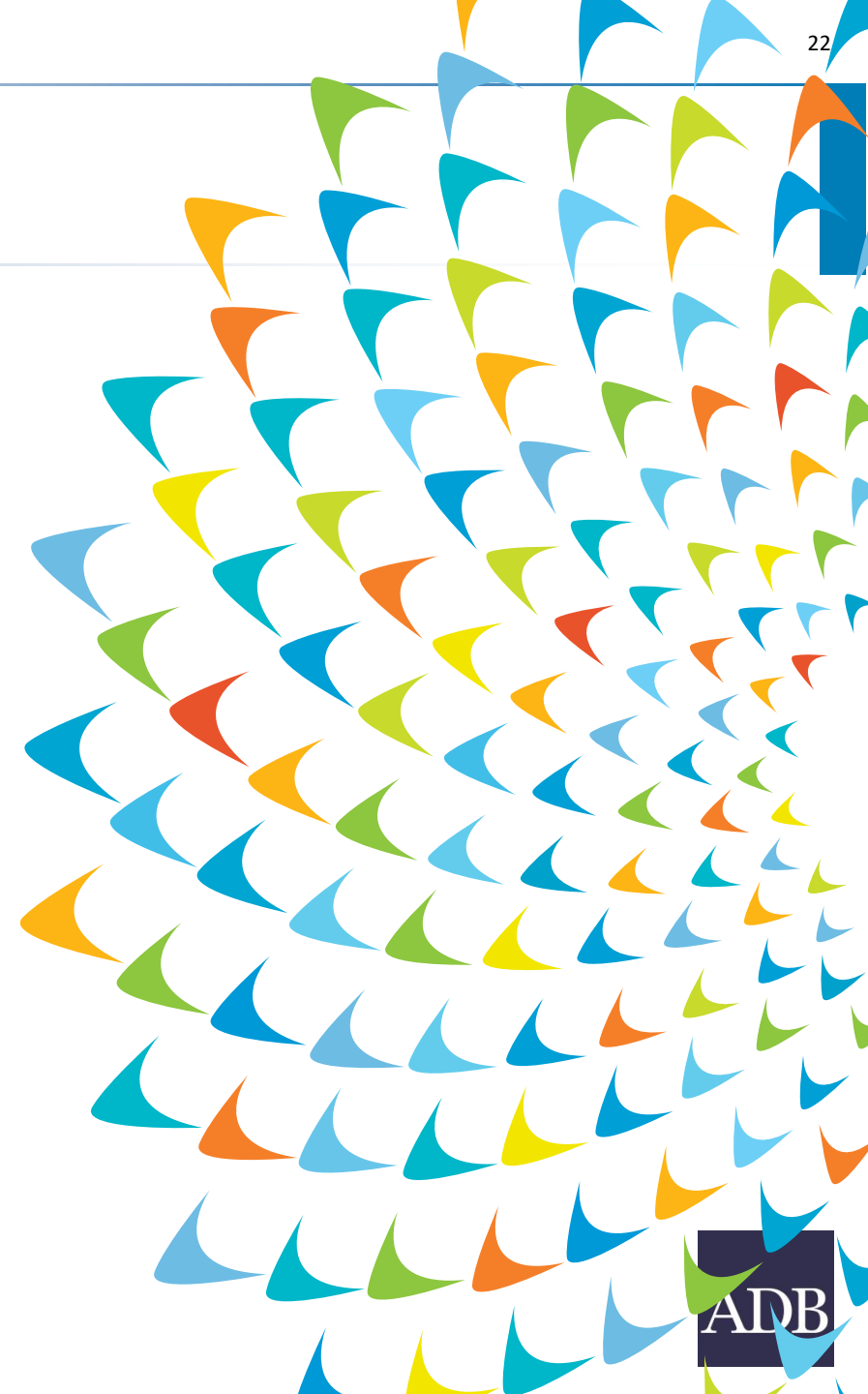
- Updated the **ICP microsite** <https://icp.adb.org> in October 2022 for events, publications, added a new page information on national implementing agencies.
- Plan to include corresponding 2011 and 2017 indicators with US as reference economy to the website.
- **Key Indicators for Asia and the Pacific 2023** – one section on ICP describing the program in general, its uses, and contributions of participating economies.



# Thank You!

<https://icp.adb.org>

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





# **Annex**

# **2021 ICP Cycle: Workshops and Meetings**



# ICP 2021: Regional Workshops/Meetings [1]

## Nineteen Regional Workshops since December 2020

Regional/Other Workshop	Objective
<b>First Regional Workshop (virtual),</b> 1 to 3 December 2020 [# of participants: 110]	<b>ICP Household Consumption</b> Surveys preparations and sharing country experiences
<b>Second Regional Workshop (virtual),</b> 7 to 8 April 2021 [# of participants: 95]	Product list and operational guidelines of <b>Construction survey</b>
<b>Third Regional Workshop (virtual),</b> 21 to 22 April 2021 [# of participants: 90]	Household Consumption <b>price data validation methods</b> , ICP APSS, and <b>Housing Rental</b> Survey guidelines
<b>Fourth Regional Workshop (virtual),</b> 22, 23, and 25 June 2021 [# of participants: 99]	<b>Machinery and Equipment</b> Survey product list and operational guidelines





# ICP 2021: Regional Workshops/Meetings [2]

Regional/Other Workshops	Objective
<b>Fifth Regional Workshop (virtual),</b> 6 to 8 July 2021 [# of participants: 109]	<b>Inter-economy validation of Q1 2021</b> household consumption prices
<b>Sixth Regional Workshop (virtual),</b> 25,26, and 28 October 2021 [# of participants: 102]	<b>Inter-economy validation of revised Q1 and Q2 2021</b> household consumption prices
<b>Seventh Regional Workshop (virtual),</b> 16-17 November 2021 [# of participants: 92]	<b>Inter-economy validation of housing rental</b> and discussion of <b>housing volume concepts</b>
<b>Eighth Regional Workshop (virtual),</b> 24-25 November 2021 [# of participants: 80]	<b>Inter-economy validation of construction</b> price data



# ICP 2021: Regional Workshops/Meetings [3]

Regional/Other Workshops	Objective
<b>Ninth Regional Workshop (virtual),</b> 13-15 December 2021, [# of participants: 90]	<b>Inter-economy validation of machinery and equipment price data</b>
<b>Tenth Regional Workshop (virtual),</b> 22-24 February 2022, [# of participants: 111]	<b>Inter-economy validation of revised Q1-Q3 2021 household consumption prices</b>
<b>Eleventh Regional Workshop (virtual),</b> 10 March 2022, [# of participants: 99]	Discussion of <b>government compensation concepts and requirements</b>
<b>Twelfth Regional Workshop (virtual),</b> 23-24 March 2022, [# of participants: 103]	Discussion of <b>national accounts framework and ICP expenditure classification</b>
<b>Thirteenth Regional Workshop (virtual),</b> 10 May 2022, [# of participants: 77]	<b>Inter-economy validation of housing rental price data</b>



# ICP 2021: Regional Workshops/Meetings [4]

Regional/Other Workshops	Objective
<b>Fourteenth Regional Workshop (virtual),</b> 12 May 2022, [# of participants: 71]	<b>Overview of intra-economy validation of housing volume</b> indicators and extrapolation of indicators
<b>Fifteenth Regional Workshop (virtual),</b> 24-25 May 2022, [# of participants: 77]	<b>Inter-economy validation of construction price data/review of relevance indicators &amp; resource mix</b>
<b>Sixteenth Regional Workshop (virtual),</b> 28-30 June 2022, [# of participants: 84]	<b>Inter-economy validation of machinery &amp; equipment price data</b>



# ICP 2021: Regional Workshops/Meetings [5]

Regional/Other Workshops	Objective
<p><b>Seventeenth Regional Workshop (virtual), 27 September 2022</b> [# of participants: 66]</p>	<p>Inter-economy data validation of <b>housing volume</b> indicators</p>
<p><b>Eighteenth Regional Workshop (virtual), 29 September 2022</b> [# of participants: 70]</p>	<p>Inter-economy data validation of <b>government compensation</b> data</p>
<p><b>Nineteenth Regional Workshop (virtual), 18 - 20 October 2022</b> [# of participants: 80]</p>	<p>Inter-economy data validation of <b>household consumption</b> prices</p>



# Other Workshops/Meetings [1]

Regional/Other Workshops	Objective
<p><b>Country workshop with Fiji Bureau of Statistics (virtual)</b>, 12 to 15 April 2021 [# of participants:16]</p>	<p>ICP Surveys <b>of Household and Construction</b></p>
<p><b>Workshop with Brunei Darussalam, Fiji, and Malaysia (virtual)</b>, 4 to 5 May 2021 [# of participants: 33]</p>	<p><b>Household Consumption price data validation</b> methods and <b>Housing Rental Survey guidelines</b></p>
<p><b>Country workshop with Ministry of Ministry of Statistics and Programme Implementation (virtual)</b>, 28-29 December 2021, [# of participants:27]</p>	<p>Discussion on <b>2021 ICP data requirements</b> and <b>timeline</b> and <b>changes</b> in the product lists; and other related matters</p>



# Other Workshops/Meetings [2]

Regional/Other Workshops	Objective
<p><b>Country workshop with the Lao Statistics Bureau (virtual), 1 July 2022</b> [# of participants:7]</p>	<p>Discussion on <b>GDP requirements</b> and <b>ICP expenditure classification</b></p>
<p><b>In-country Workshop with the Lao Statistics Bureau (face-to-face), 21-25 November 2022</b> [# of participants: 12]</p>	<p>Discussion on ICP data concerns</p>
<p><b>In-country Workshop with the Philippine Statistics Authority (face-to-face), 14-16 February 2023</b> [# of participants: 5]</p>	<p>Discussion on ICP data concerns – back casting and conversion of average prices; government compensation and housing services-related concerns</p>