

# ***Asian Development Bank***

RETA 6482 – Improving Price Collection and  
Updating PPP Estimates for Selected DMCs

## ***First Data Review Workshop***

**Intra & Inter-country Data Validation**

11-14 May 2009

ADB Headquarters  
Manila, Philippines



# Data Validation Guidelines

## Intra-country

- Number of price quotations between 5 and 15. And for the large countries BAN, PRC, IND, INO, MAL, PAK, PHI, SRI, THA & VIE at least 15 prices.
- ICP average prices are suggested to be validated against CPI prices for same/similar products



# Data Validation Guidelines

## Intra-country

- Maximum CV is 20% because survey is only for the capital city
- Check for min/max price ratios < 0.60



# Data Validation Guidelines

## Intra-country

- When outliers are present, make sure the same product was priced in all the outlets
- Review high end products collected from high-end outlets
- Check if product priced is within the specified quantity range
- Check for data entry errors



# Data Validation Guidelines

## Intra-country

- Check UOM and preferred quantity used
- Countries must collect same/similar type/quality from all sample outlets
- Unless a brand is specified in the product catalogue, countries should choose, popular/commonly used medium quality product/item
- Check for products priced in 2005 but not priced in 2009 but still available in the countries



# Data Validation: Inter-country

- Ideally, CVs of the average XR prices for each of the products should not be  $> 30\%$
- Sub-regional classification of countries to review CVs of average XR prices
- Countries with prices deemed to be “outliers” requested to review prices collected



# Data Validation: Inter-country

- Inter-quarter comparison of average prices to be conducted when more quarterly data become available
- Preparation of Quaranta tables to determine products with prices that need to be reviewed



# Data Validation: Inter-country

- Sub-regionalization of the Quaranta tables
  - a) High Income: Brunei, Hong Kong, Singapore & Taipei.
  - b) Southeast Asia: Cambodia, Indonesia, Malaysia, Philippines, Thailand & Vietnam. Fiji and Mongolia are included in this group.
  - c) South Asia: Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan & Sri Lanka.



Thank you!

