

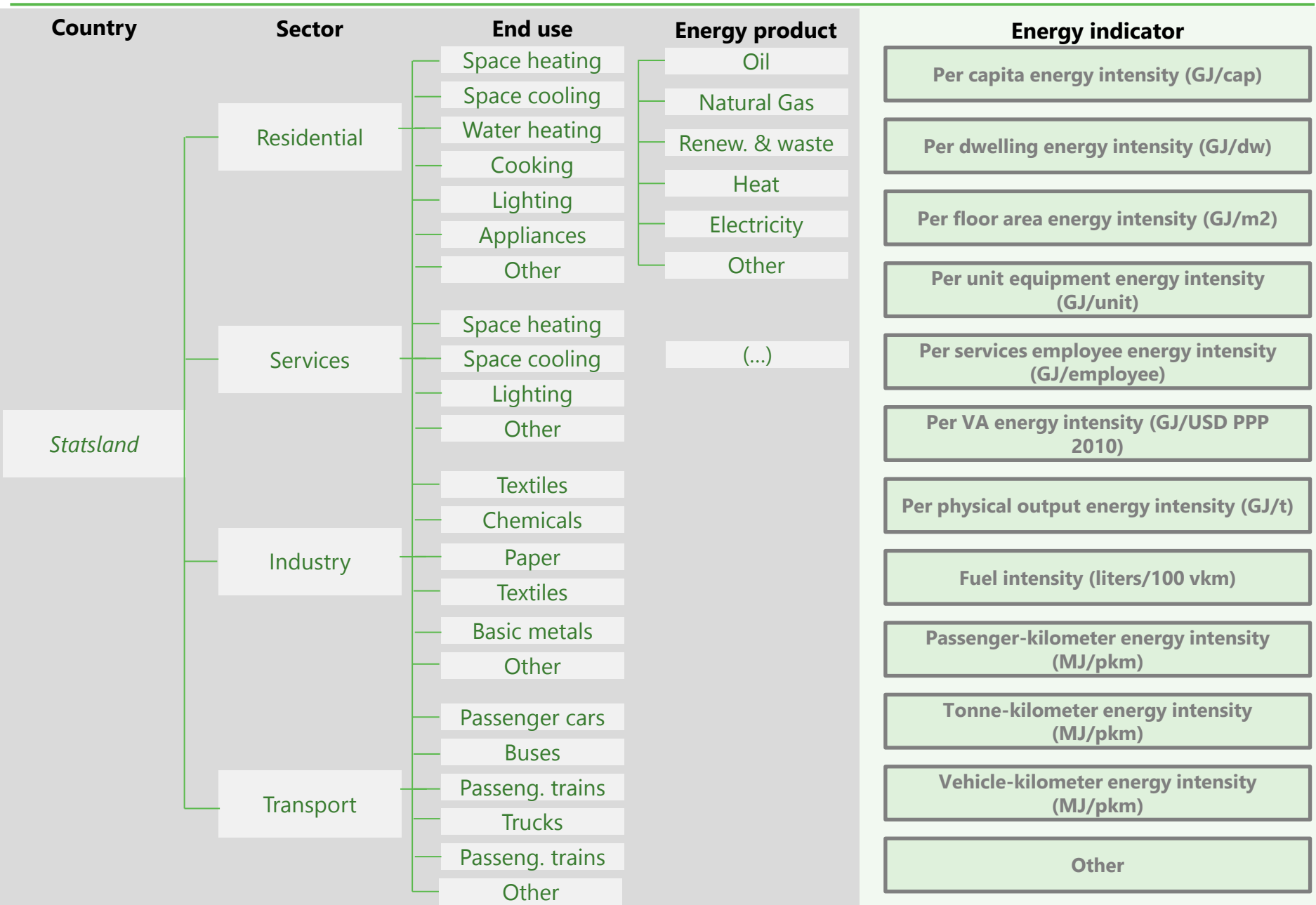


Guidance for areas alongside IRES: energy efficiency

Roberta Quadrelli – Head: Energy balances, prices, emissions, efficiency

2-3 October 2018 InterEnerStat meeting, Paris

The end-use data collected by the IEA: beyond IRES



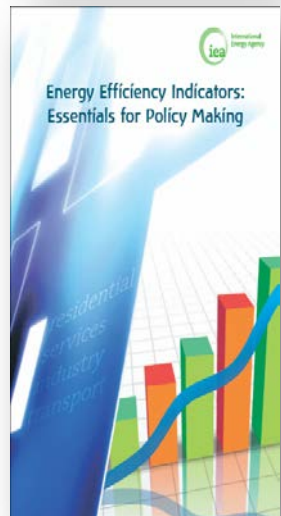
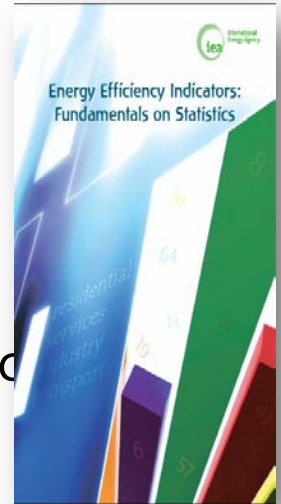
➤ **Fundamentals on statistics:**

to provide guidance on how to collect the data needed for indicators

- Includes a compilation of existing practices from across the world
- <https://goo.gl/Y8QD1G>

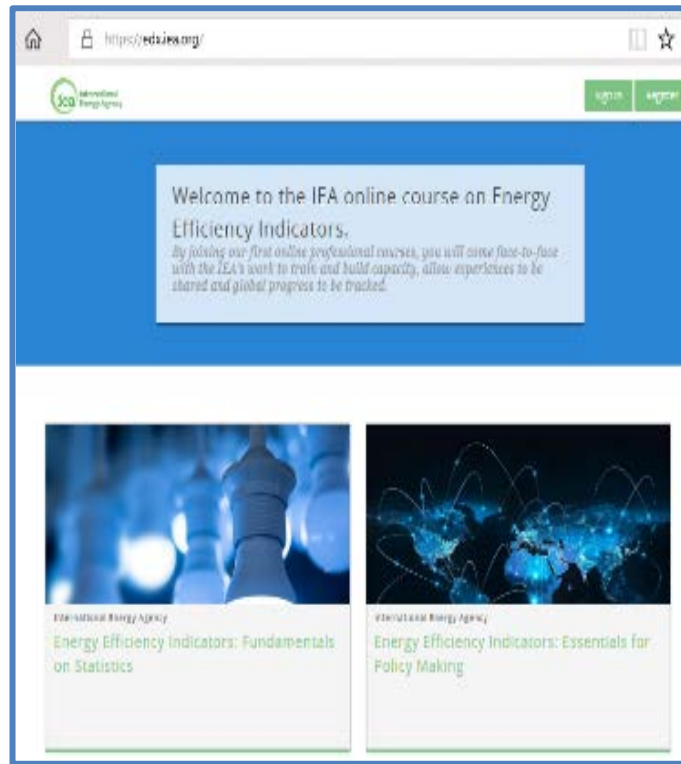
➤ **Essentials for policy makers:**

- to provide guidance to develop and interpret energy efficiency indicators
- <https://goo.gl/agcNg2>

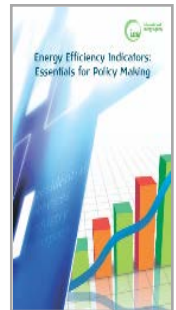
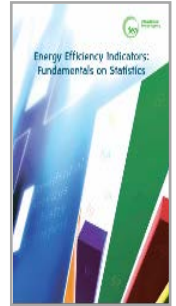


IEA indicators manuals are now an online course accessible to all

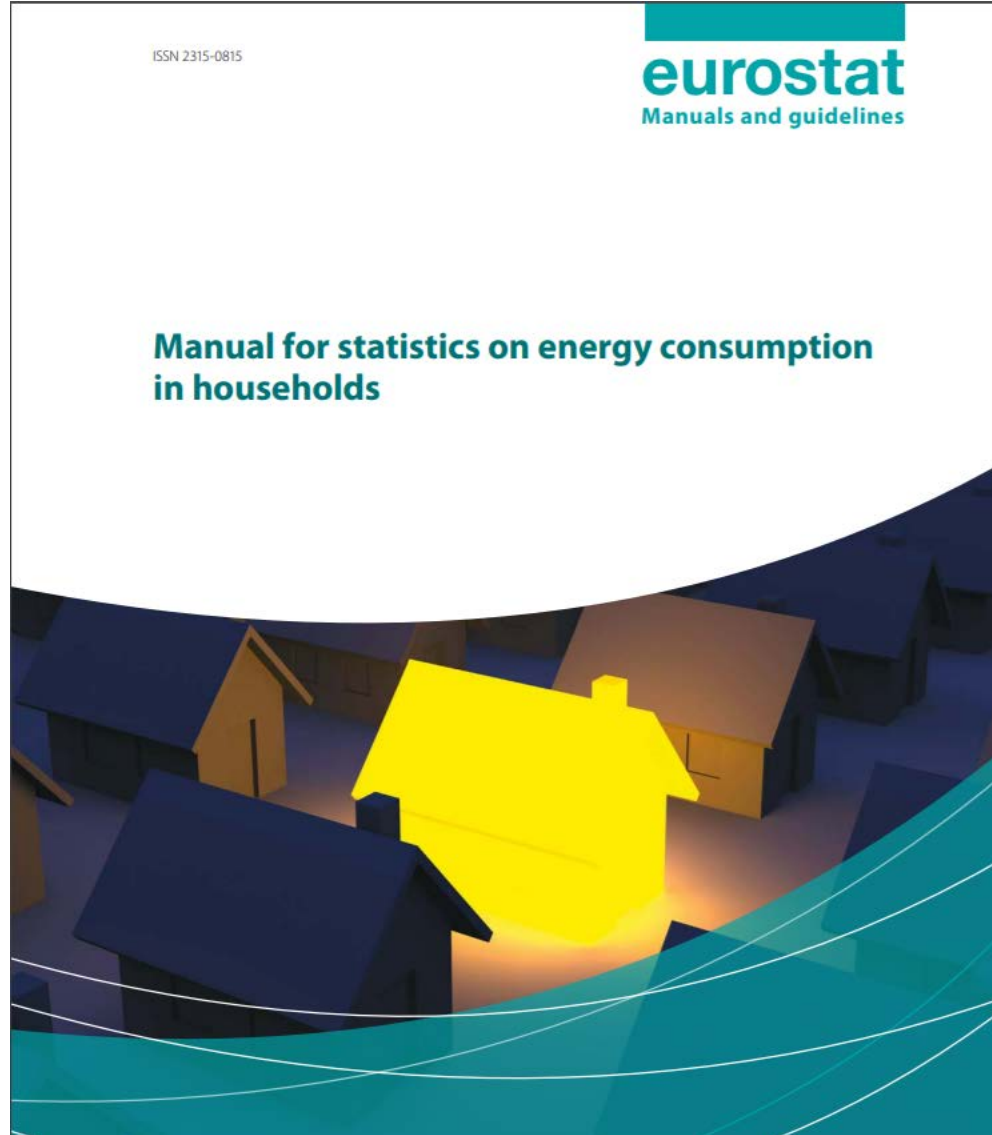
- Global tool; self-paced and interactive
- For policy makers and statisticians
- Use by all countries is welcome



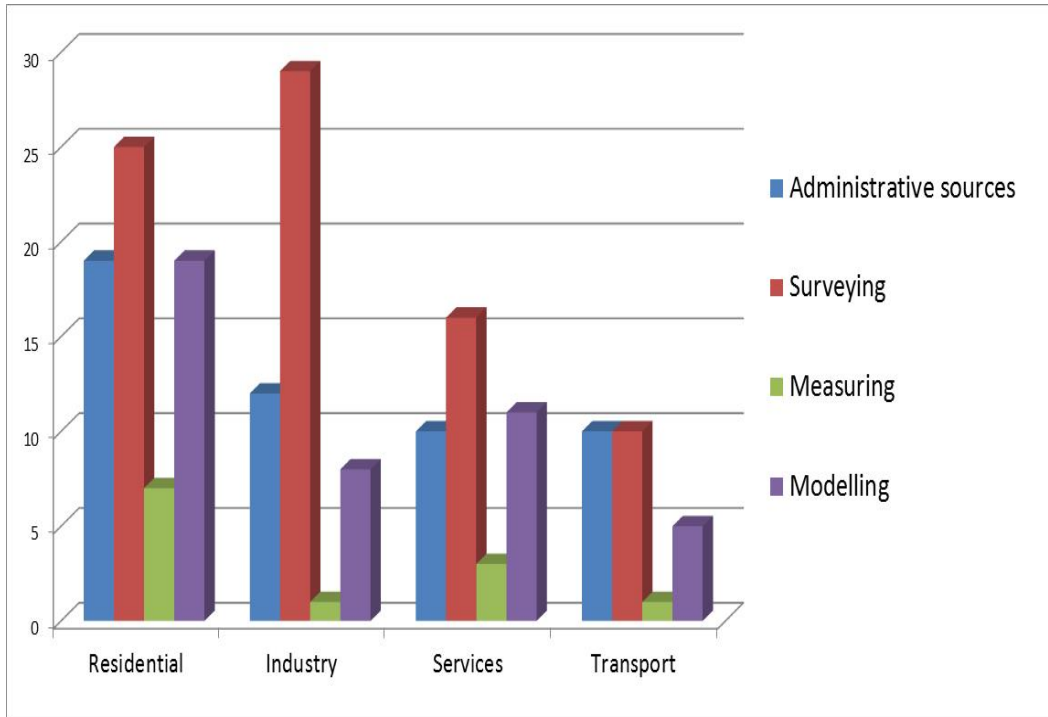
<https://edx.iea.org/>



Recently launched by IEA



How are countries collecting end-use data?



Results from an IEA survey for 160 practices from 40 countries

HOME ABOUT US TOPICS COUNTRIES NEWSROOM & EVENTS PUBLICATIONS

International Energy Agency > EE Indicators Manual

Energy Efficiency Indicators Statistics: Country Practices Database

A supplement to the publication Energy Efficiency Indicators: Fundamentals on Statistics, this database presents practices on collection of data from a variety of OECD and non-OECD countries.

Practices are searchable by country, sector, methodology and type of available documentation. By sharing these experiences, we hope to help countries develop their own energy efficiency indicators programmes.

Countries	Sector	Methodology	Available content
<input type="checkbox"/> Denmark	<input type="checkbox"/> Industry	<input type="checkbox"/> Administrative sources	<input type="checkbox"/> methodology
<input type="checkbox"/> Italy	<input type="checkbox"/> Residential	<input type="checkbox"/> Measuring	<input type="checkbox"/> project web site
<input type="checkbox"/> Japan	<input type="checkbox"/> Services	<input type="checkbox"/> Modelling	<input type="checkbox"/> questionnaire
<input type="checkbox"/> Kazakhstan	<input type="checkbox"/> Transport	<input type="checkbox"/> Surveying	<input type="checkbox"/> report
<input type="checkbox"/> Korea, Republic of			<input type="checkbox"/> results
<input type="checkbox"/> Mexico			
<input type="checkbox"/> Netherlands			
<input type="checkbox"/> New Zealand			
<input type="checkbox"/> Norway			
<input type="checkbox"/> Portugal			
<input type="checkbox"/> Slovenia			

<http://www.iea.org/statistics/>

IEA online database of country practices
<http://www.iea.org/eeindicatorsmanual>

Sharing experiences and learning from each other is very important

Background	
Country	Philippines
Sector	Residential
Methodology	Surveying
Organisation	Department of Energy / Philippine Statistics Authority (formerly National Statistics Office)
Name	2011 Household Energy Consumption Survey (HECS)
Purpose	The primary goal of HECS is to generate comprehensive and reliable data/information and analyze consumption in the residential sector of the country which is essential in formulating and implementing programs that aim to improve the quality of life of the Filipinos, in accordance with the government's policy, particularly expanding energy access and strengthening consumer and welfare protection.
Data collection purpose	<p>The specific objectives are as follows:</p> <ul style="list-style-type: none"> Provide detailed information on the changing energy consumption patterns in Filipino household conditions affecting energy use; Establish the fuel/energy mix of the residential sector based on its energy consumption; Determine the most energy consuming appliances, devices and equipment used for household ; Assess the current energy efficiency and conservation techniques in the residential sector vis-a-vis implementation of energy consumption regulation for household appliances and equipment; Measure and analyze the incidence of inter-fuel substitution in the households; and Determine awareness and/or perception of the household on major energy issues (i.e. nuclear energy, renewable energy, natural gas) in the energy sector.
Data collection	
Sample design	Multi stage sampling design using the 2003 Master Sample (MS) developed by the Philippine Statistics Authority

HECS FORM 1
NSCB Approval No.: NSO-1114-01
Expires: December 31, 2012

CONFIDENTIALITY
This survey is authorized by Commonwealth Act 591.
All information obtained will be strictly held confidential.

2011 HOUSEHOLD ENERGY CONSUMPTION SURVEY

Booklet ___ of ___ booklets

PART I - A. GEOGRAPHIC IDENTIFICATION AND OTHER INFORMATION

GEOGRAPHIC IDENTIFICATION CODES

Province _____

Mun/City _____

Barangay _____

EA

SHSN

HCN

Number of Households in the Housing Unit _____

INTERVIEW RECORD

Visit Indicator	1	2	3
Date of Visit			
Time Began			
Time Ended			
Result Code*			

FINAL RESULT CODE* _____

Name of Respondent _____

Sex 1 Male 2 Female

Relationship to the Household Head _____

Address _____

***RESULT CODES**

- 01 - Completed Interview
- 02 - Refusal
- 03 - No household member at home or No competent respondent at home at time of visit
- 04 - Entire household absent for extended period of time
- 05 - Vacant housing unit
- 06 - Housing unit destroyed
- 07 - Address not a housing unit
- 08 - Housing unit not found
- 09 - Critical or flooded area
- 10 - Others (specify) _____

CERTIFICATION

I hereby certify that the data gathered in this questionnaire were obtained/reviewed by the undersigned personally and in accordance with instructions.

Signature over Printed Name of Enumerator	Date Accomplished	Signature over Printed Name of Supervisor	Date Reviewed
---	-------------------	---	---------------

How can we value internationally all the existing guidance work for areas beyond IRES, such as end-use data?

