

# Improving the statistical process in the Hotel Occupancy Survey

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### Tourism in Spain



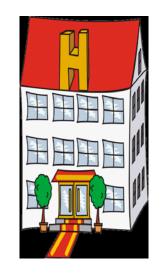


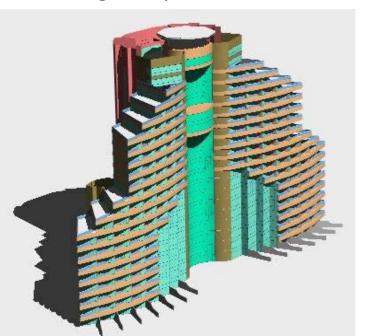
#### Tourism in Spain

In 2015, 68.2 million visitors spent 56.5 billion dollars

421.9 million overnight stays in tourist accommodations, 269 of which are of non-residents

Non-residents prefer sun and beach: 88% of non-residents overnight stays are on the coast





73% of total overnight stays were accounted for at hotels

The average daily rate in 2015 was 78.7 €, 179€ in 5\* hotels in Madrid, 84€ in 4\* hotels in Canary Islands

Tourism is really important in the Spanish economy



#### The Hotel Occupancy Survey

Monthly survey according to Regulation 692/2011.

Sampled units are establishments, the sample varies from 9,000 units in winter to 11,000 units in summer.

Collects information about travellers and overnight stays, bedrooms, staff and prices.

There are two questionnaires: week-long and month-long.

Both can be replaced by an XML file.

#### Number of guests, overnight stays and rooms occupied during the reference month

Please, indicate the total number of guests, overnight stays and rooms occupied registered at your establishment during the reference month.

Guests

Overnight stays

Rooms occupied

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#### 2016 Administrative Register and the HOS

Spanish Autonomous Comunities, NUTS-2, send periodically to INE the Administrative Register of Tourism Boards with each establishment's capacity.

$$\widehat{Y}_{h}^{rat} = rac{P_{U_{F,h}}^{reg.open}}{\widehat{P}_{U_{h}}^{HT^{\circ}}} \cdot \widehat{Y}_{U_{h}}^{HT^{\circ}}$$

From the **week-long** questionnaire:

Bed-places 
$$p_k^{\circ} = \mathcal{S}_k^{\mathit{resp.week}} \cdot p$$

Bed-places 
$$p_k^\circ = \delta_k^{resp.week} \cdot p_k$$

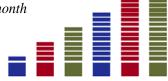
Variables of analysis (overnight stays, travelers,...)  $y_h^\circ = \delta_k^{fld.open} \cdot \delta_k^{resp.week} \left( \frac{D}{7} \right) y_k^{week}$ 

From the **month-long** questionnaire:

Bed-places 
$$p_k^{\circ} = \delta_k^{resp.month} \cdot p_k$$

Variables of analysis (overnight stays, travelers,...)

$$y_h^\circ = \delta_k^{\textit{fld.open}} \cdot \delta_k^{\textit{resp.month}} \cdot y_k^{\textit{month}}$$



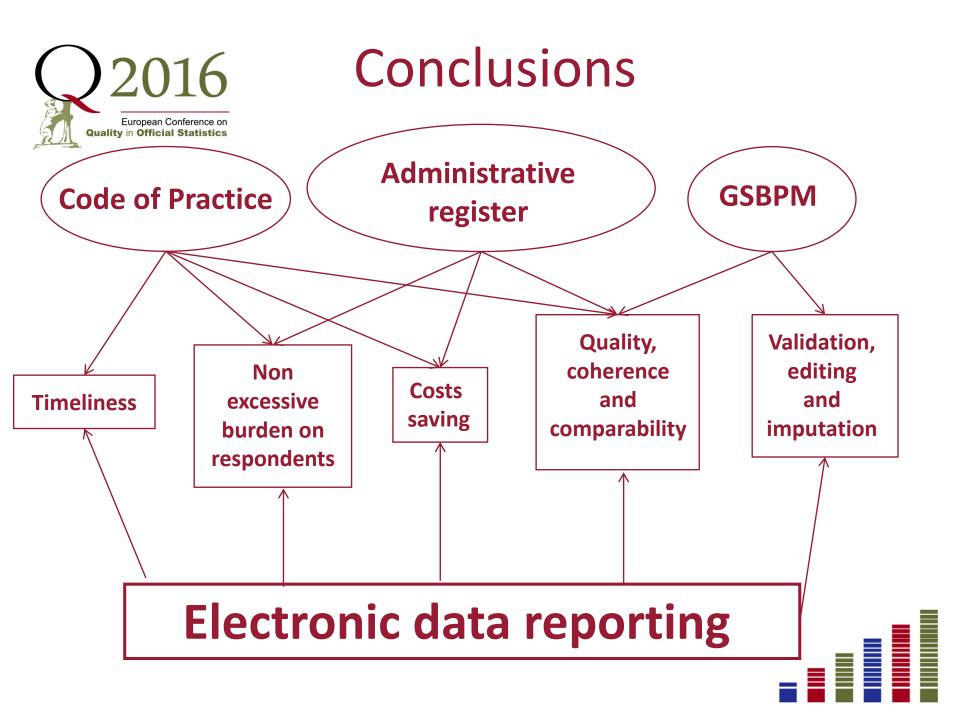
## 2016 Electronic Data Reporting European Conference on Quality in Official Statistics

#### XML file

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### Thank you very much for your attention



