

INSTITUTO NACIONAL DE ESTADISTICA



**Tourist Campsites
Price Index (TCSPI).
Base 2002**

Methodological note

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1 Background

The *Tourist Campsites Price Index*, TCPI, is a statistical measure of the monthly evolution of the series of main price rates used by campsites.

Information is provided by the **Tourist Accommodation Occupancy Survey**: with the information that is garnered, monthly, from all tourist campsites on the Spanish territory that are sent a questionnaire. This survey provides information on occupancy in campsites (number of travellers checked in, overnight stays, degree of occupancy, etc.), their structure (vacancies, personnel, etc.) and other variables of interest to the operation, with a vast geographical break down and separated by categories (luxury, first-, second- and third-class). The questionnaire requests the prices applied to different types of guests by occupancy of a pitch, as well as the percentage of application of each of the rates. The questionnaire requests the following rates:

- Normal rate
- Special rate for less than one month
- Special rate for over one month

2 Sample design

All campings in each Autonomous Community.

Tourist campsites, also called "Campings", are understood to be those land spaces which are duly delimited, equipped and conditioned, destined to habitually provide people, after the payment of a stipulated price, with a place to live outdoors for a limited period of time for holiday or tourism purposes, and using as a residence mobile homes, caravans, tents or other similar easily transportable elements.

Tourist campsites are classified, in accordance with their installations and the services offered, into the following categories: luxury, first-class, second-class and third-class.

3 Estimators

In order to calculate the TCPI, for the year 2002, in month s of year T , the operation uses a chain-linked Laspeyres price index, consisting in referring the prices for the current period to the prices of the year immediately before, based on the following general formula:

$${}_{s,02}IPAC^{sT} = \left(\sum_{j,k,t,n} {}_{s(T-1)}I_{jkt}^{sT} \cdot {}_{s(T-1)}W_{jkt} \right) \cdot \frac{{}_{s,02}IPAC^{s(T-1)}}{100}$$

where ${}_{s(T-1)}I_{jkt}^{sT} = \frac{\bar{M}_{jkt}^{sT}}{\bar{M}_{jkt}^{s(T-1)}} \cdot 100$, and the weighting: ${}_{s(T-1)}W_{jkt} = \frac{\bar{M}_{jkt}^{s(T-1)} \cdot QT_{jkt}^{s(T-1)}}{\sum_{j,k,t,n} \bar{M}_{jkt}^{s(T-1)} \cdot QT_{jkt}^{s(T-1)}}$

that represents the percentage of income received by the campsites for the pitches occupied using a specific rate, in a specific category, size (according to the number of vacancies, they are grouped into establishments with less than 71, between 71 and 150, between 151 and 300 and more than 300) and in a certain province compared to the total income obtained; and where,

\bar{M}_{jkt}^{sT} : average price of the establishments in a category k , a province j and a size n for a certain pitch (without VAT) using rate t , in month s of year T .

$QT_{jkt}^{s(T-1)}$: total number of occupied pitch in category k establishments, in a province j and size n which used rate t in month s of the year $T-1$.

$\bar{M}_{jkt}^{s(T-1)}$: average price of category k establishments, in a province j and size n for a pitch (without VAT) using rate t in month s of the year $T-1$.

Weightings (W) are calculated by level of province, category of the establishment, size of the establishment and rate, and then they are aggregated by rates, categories, sizes or provinces and autonomous communities according to the aggregate index to be obtained.

For the T year the weightings used have been calculated with the most updated data available (year $T-1$). Moreover, and given the high seasonal adjustment that is applicable throughout the year, different weightings are calculated for each month. In other words, from January to December the income structure by province/category/rate/size of the establishments differs from month to month. The chain-linked index ensures that the updating of the weightings, which are performed annually, does not create a break in the TCPI series.

4 Dissemination and statistical secrecy

The only indices published are those at domestic level, general level and broken down by categories (total, luxury and first, second and third) and by rates (total, normal, special for up to one month stays and special for over one month stays).

Some Autonomous Communities may be published as a customized petition, provided that there are at least 3 campings with data.

5 Information collection

The enquiry pertaining to basic data refers to one week of the month, randomly selected, in such a way that among all the establishments the whole month is covered.

Since January 2003, a second enquiry is performed regarding monthly totals; total number of travellers, overnight stays and pitches occupied during the whole month, alongside the number of days the establishment has been open during the reference month.

The information published for each variable -travellers, overnight stays and occupied pitches- is estimated on the basis of the data provided in the monthly module.

The questionnaires are received from the Campings at the Provincial Delegations of the INE, where they are filtered and the data is recorded.

Subsequently, they are forwarded to the central offices of the INE where a second filter is performed and the tables are elaborated and the comments drafted, which are published monthly, in accordance with the Availability Calendar of Short-term Statistics of the INE.

Annex. Questionnaire

Prices (in euros, does not include VAT)

Indicate the **average price per day of a pitch** irrespective of whether or not this price has been applied during the reference week. Also record the **approximate percentage** of occupied pitches, over the **total**, to which you applied each type of rate during the reference week. (this percentage may be zero in some cases).

	Price per day (in euros)	% occupied pitches
- Normal rate: Rate applied to occasional clients or clients passing through		
<i>Breakdown by concepts</i>		
Pitches _____		
Person (adult) ³ _____		
Family tent / RV ³ _____		
Car ³ _____		
- Special rates: Prices for long stays		
Up to one month _____		
More than one month _____		
- Other rates:		
<i>Specify:</i> _____		100% ⁴
- If there are bungalows or similar accommodations:		
Price per bungalow or similar accommodation and per day: _____		

³The concepts included in the price of the pitch are not to be completed.

⁴This percentage will be zero if not pitches have been occupied during the reference week.