

# The application of the TSA in a regional context: the case of Upper-Austria

**Egon Smeral**

Austrian Institute of Economic Research, Arsenal, Objekt 20, A-1030 Vienna, Austria and  
Modul-University, Am Kahlenberg 1, A-1190 Vienna Austria

E-mail: [Egon.Smeral@wifo.ac.at](mailto:Egon.Smeral@wifo.ac.at)

Tourism satellite accounts (TSA) are important tools for demonstrating the economic impact on a country and state level. A regional TSA (RTSA) offers the statistical base for theoretical as well as practical users to support their evaluations and analyses, providing a regionalized view of consumption by tourist. This paper aims to extend the TSA with respect to the indirect effects of tourism and the leisure demand of residents in their usual environment. The study is based on the recommended framework for TSA-building and is concentrated on Upper-Austria, one of the nine Austrian federal states. The case study of Upper Austria will demonstrate the valuable information of a RTSA as regional tourism is a very complex phenomenon and its impact is difficult to capture. The RTSA provides an analytical framework of issues related to tourism economics and tourism policy as well as for model building, tourism growth analysis and productivity measurement. For 2012, the Austrian Institute of Economic Research and Statistic Austria found that tourism made around 3½% of the Upper-Austrian gross regional product. Considering the direct and indirect effects, tourism contributed to the overall gross regional product almost 6%. This paper is one of the first papers about considering (beside the direct effects) additionally also the indirect effects of tourism and pointing out the true economic impact of tourism on the whole economy on a regional level.