

Standard-documentation Meta information

(Definitions, comments, methods, quality)

on

Electricity and gas journal

This documentation is valid for the reference period:

2008-2016

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Executive Summary

The voluntary sample survey *Electricity and gas journal* focuses on the detailed electricity and gas consumption by purposes of private households. It is ordered by E-Control and the Federal Ministry of Agriculture and Forestry, Environment and Water Management. Up to now it was conducted three times for the reporting years 2008, 2012 and 2016. With the 2016 survey the pilot phase, during that the methodology was tested and modified, is closed.

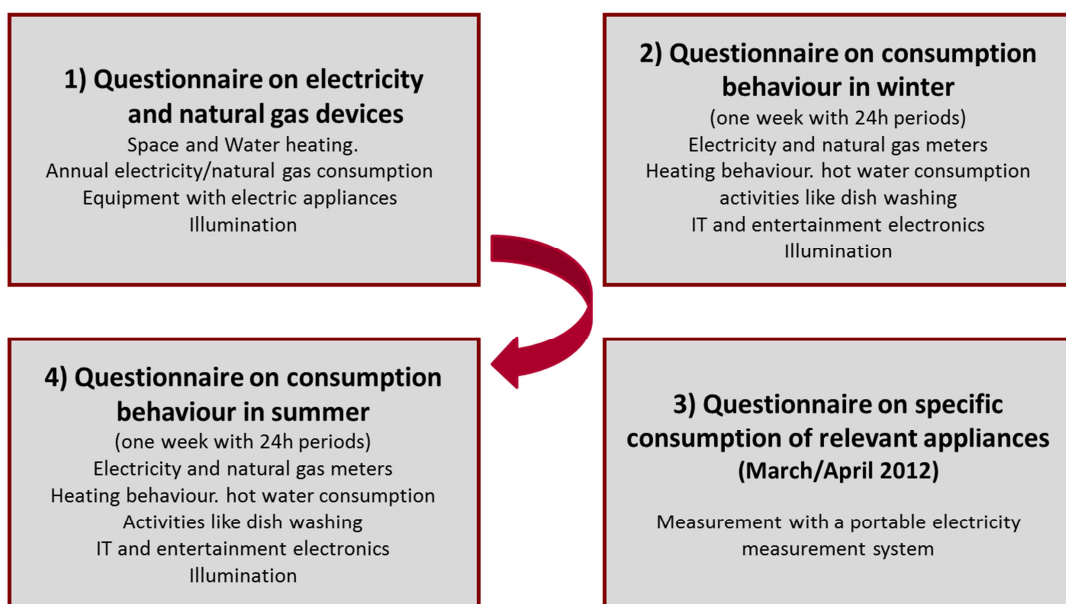
The gross sample is 500 households and the universe is the Austrian population living in private households on their main residence.

The main goal of the survey is the detailed insight into the use of electricity in private households, especially for electrical appliances and lightning. In the pilot phase it was tested if the mix of data collection by questionnaires and the metering of electricity by the respondents is a working instrument to obtain valid information on electricity saving potentials.

With four questionnaires that are distributed over the reporting period the equipment of households with electrical appliances as well as data on space and water heating and illumination are collected. For one week during winter and one week during summer the respondents have to record the use of these appliances and to read out the electricity meters every 24 hours. Additionally the respondents have to meter the specific consumption of their consumption relevant appliances. If the respondents are connected to the natural gas grid they have to do all this for natural gas, too. Overview 1 shows the survey procedure.

Overview 1

Survey Procedure



The reports (available in German language only) are published on the [homepage](#) of Statistics Austria.

Electricity and gas journal – Main Features

Subject Matter	equipment of households with electrical appliances, age and power-rating of the appliances, electricity and natural gas consumption by purpose
Population	Private households on their main residence
Type of statistics	Sample survey, sample size 500 households
Data sources/ Survey techniques	Voluntary survey with 4 questionnaires
Reference period or due day	Calendar years
Periodicity	Four-yearly
Survey participation (in case of a survey)	Voluntary
Main legal acts	Federal statistical act 2000 as amended
Most detailed regional breakdown	NUTS1
Availability of results	6 month after closing the survey
Other	The results of the survey are subject of a complex data validation procedure and are linked to the survey on household energy consumption by means of statistical matching