

Data revision in ODYSSEE database (version of November 2011)

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This document summarizes the data revision observed in the ODYSSEE database in November 2011 after the last update of the database. It is organized by country and sector.

Austria

No major revision

Belgium

- **Transport**

- Data on energy consumption by road modes : deleted due to a problem of data reliability

Bulgaria

- **Macro**

- Revision of economic data since 2007

Croatia

- **Macro**

- Revision of the value added of agriculture and tertiary

Cyprus

- **Residential, tertiary**

- Revision of oil consumption (2000-2006)
- Revision of the energy consumption for water heating, space heating (mainly for oil and biomass)

Czech Rep

- **Industry**

- Revision of the oil consumption (1990/2001)
- Split of the energy consumption for machinery and transport vehicles

- **Transport**

- Revision of the split of energy consumption by transport modes and fuels.
- Revision of the electricity consumption of rail (Eurostat)
- Revision of the jet fuel consumption (1990/93)

- **Households**

- Revision of the consumption of biomass (< 2002)
- Revision/update of the split of energy consumption by end uses (space heating; water heating, cooking, electrical appliances)
- Revision of the data on stock appliances

Denmark

- **Industry**
 - Revision of energy consumption for some branches (non metallic 2003/08, textile 2005/08, transport vehicle (2007/08)
- **Tertiary**
 - Revision of data on consumption, employment for hotel, restaurant (2002-2008)

Estonia

- **Industry**
 - Energy consumption of machinery and transport vehicles (given separately)

Finland

- **Macro**
 - Revision of value added for industry and tertiary
- **Industry**
 - Revision of energy consumption by industrial branches from 2000 to 2009
 - Revision of value added for transport vehicles, paper industries, energy sector
- **Transport**
 - Revision of the number of air passengers (Arrivals, departure and transfer passengers)
- **Residential**
 - Revision of the energy consumption of oil (> 2006), biomass (since 1990) and electricity (> 2008)
 - Revision of the energy consumption by end uses (Estimations provided by modeling from Statistics Finland. The revision includes an estimate for water heating (previously included in space heating))

France

- **Macro**
 - Revision of economic data (nomenclature nace rev 2)
 - Revision of energy consumption for residential-tertiary-agriculture to take into account heat consumption (national balances from the Ministry did not take into account heat as a final energy)
- **Industry**
 - Revision of the energy consumption by energy (oil since 2003, gas since 2000, biomass since 1995)
 - Revision of value added and production index (chained-prices of 2005 and 2005 as reference for production index)
- **Transport**
 - Revision of gasoline and diesel consumption by vehicle type ; bioethanol and biodiesel are now given separately

Germany

- **Macro**
 - Revision of the consumption of agriculture since 2006.
- **Transport**
 - Revision of number of air passengers since 2001

- Revision of energy consumption of cars and trucks & light vehicles mainly since 2003 (biofuel given separately from fuels)
 - **Households**
- Revision of the energy consumption by end uses since 2008 (mainly for specific electricity)
 - **Services**
- Revision of energy consumption since 2001 based on survey data (revision for the years 2006-2007 and for the branch “public services”)

Greece

- **Households**
 - Revision of oil consumption since 2002
 - Revision of the degree days since 1998
- **Industry**
 - Revision of value added since 2000
 - Split of the energy consumption for machinery and transport vehicles
- **Transport**
 - Revision of the energy consumption by road modes since 2000
 - Revision of the electricity consumption of rail (Eurostat)
 - Revision of the consumption of inland waterways (domestic sea)
- **Tertiary**
 - Revision of the number of employees since 2000

Hungary

- **Transport**
 - Biofuel given separately from fuel (gasoline and diesel mainly since 2008)

Ireland

- **Macro**
 - Revision of degree days : now weighted figure based on a number of different weather stations throughout Ireland (and weighted by population)
- **Industry**
 - Revision of the oil consumption since 1995, gas since 2008
 - Revision of production index for paper
 - Revision of energy consumption of textile and machinery since 1998 and 2003 respectively, and for all the branches since 2007 (based on the new 2008-2009 expenditure survey)
- **Transport**
 - Revision of the average annual mileages for private cars. As consumption are modeling using the average annual mileages this changed the energy consumption of private cars since 2000
 - Revision of the specific consumption for cars in litre per 100 km
- **Households**
 - Revision of the biomass energy consumption for heating since 2005

Italy

- **Residential**
 - Revision of oil consumption for households and tertiary since 1999
 - Revision of electricity consumption for heating
- **Transport**
 - Revision of electricity consumption for rail
 - Revision of data on energy consumption by cars (revision of the split gasoline vs diesel)

Latvia

- **Macro**
 - Revision of economic data since 2000
- **Industry**
 - Revision of value added by branch, production index since 2000
 - Unit consumption of paper: not relevant
- **Households**
 - Revision of energy consumption by end uses since 2000 (data more coherent)
 - Specific consumption of major electrical appliances : available for 2010
- **Tertiary**
 - Revision of number of employees (full working time)

Luxemburg (version May 2011)

- **Industry**
 - Revision of energy consumption for food, textile, mineral non metallic and chemicals (Eurostat)
- **Transport**
 - Revision of stock of cars since 2002

Norway (version May 2011)

- **Industry**
 - Revision of value added by industrial branches and production index
 - Revision of energy consumption in machinery and other industries
- **Transport**
 - Revision of the stock of trucks
 - Revision of the traffic of cars and rail for passengers
 - Revision of data on traffic for goods for road and rail

Netherlands

- **Industry**
 - Revision of value added by branch, mainly machinery and transport vehicles, paper, other branch
 - Revision of energy consumption of biomass
 - Revision of data on production index
 - Revision of energy consumption for chemicals, paper and machinery
- **Transport**
 - Revision of gasoline consumption for trucks and light vehicles since 2006
 - Revision of gasoline / diesel consumption since 2007 due to the separation of biofuel

Poland

- No major revision

Portugal

- **Macro**
 - Revision of economic data since 1995
- **Industry**
 - Revision of production index since 1995

Romania

- **Transport**
 - Revision of the number of motorbikes
 - Revision of the split of cars (between gasoline and diesel)
 - Number of air passenger : available since 2004 (no data previously)
 - Revision of the consumption of diesel for road (Eurostat as source)
 - Revision of the energy consumption for rail and inland waterways (Eurostat as source)

Slovenia

- **Macro**
 - Economic data : revision of GDP and value added since 1995
- **Residential**
 - Estimation of the specific consumption per electrical appliances since 1994

Slovakia

- **Industry**
 - Revision of energy consumption for steel, other branch
- **Transport**
 - Revision of electricity consumption of rail since 2005
 - Revision of jet fuel consumption
- **Residential**
 - Revision of energy consumption of biomass since 2007

Spain

- **Transport**
 - Revision of data on traffic of bus since 1996
- **Residential**
 - Revision of energy consumption for space heating / water heating in 2001-2002

Sweden

- **Macro**
 - Revision of economic data since 2000 mainly agriculture
- **Transport**
 - Revision of the diesel consumption of trucks and light vehicles
- **Residential**
 - Energy consumption by end uses : New calculation from model since 2000
 - Revision of the specific consumption per appliances (refrigerators since 1996, freezers and dishwashers since 2006)
- **Tertiary**
 - Revision of the floor area in all sub branches since 2006

UK

Time series inconsistency : data revision since 1996 (disruption in data before 1996)

- **Industry**
 - Revision of coal consumption in industry, steel industry
 - Revision of energy consumption by branch since 2004
- **Transport**
 - Revision of jet fuel since 2004
 - Revision of the passenger traffic for bus since 2004
 - Revision of the traffic of inland waterways, domestic sea since 2001
 - Revision of the number of air passenger since 1999 (estimation before)
 - Revision of the energy consumption by road vehicles since 1999
- **Residential**
 - Revision of oil, gas and biomass consumption since 2004
 - Revision of the electricity consumption for heating and specific electricity
 - Revision of the energy consumption for water heating
- **Tertiary**
 - Revision of the energy consumption by branch since 2005

EU

- **Macro**
 - Revision in value added of industry and agriculture since 1995
 - Revision of energy consumption for heat in industry, residential and tertiary (1991-93, 2003-2006)
 - Energy consumption of tertiary: Eurostat data (commerce, public services and et none specified) : calculated by difference between residential-tertiary-agriculture minus households, minus agriculture.
- **Industry**
 - Revision in value added by industrial branches from Eurostat (except for "other industries" calculated by difference). Strong revision for machinery and other industries
 - Revision of production index by branch since 1990 (due to the revision of nomenclature NACE Rev2)
 - Energy consumption by branches : slight revision in Eurostat, and mainly in machinery, transport vehicles ("other industries" calculated by difference)

- **Transport**

- Revision of the number of air passenger (revision in countries such as Finland, UK, Sweden)
- Energy consumption by modes: calculated as a sum of EU countries (revision for cars and trucks and light vehicles coherent with total road from Eurostat). Gasoline and diesel consumption by mode of transport exclude biofuel (biofuel is given separately).
- Revision of electricity consumption of rail from Eurostat
- Revision of energy consumption of inland waterways from Eurostat (1990-2002)

- **Households**

- Revision of energy consumption for water heating and cooking (end uses energy consumption are calculated as a sum of EU countries)

- **Tertiary**

- Revision of energy consumption of tertiary (strict tertiary calculated as a sum of ODYSSEE EU countries) – disruption in Eurostat data from 2000 to 2005