

# AMECO DATA FILE CODING

## 1. Introduction

In the AMECO data files, a series code such as EU27.1.0.0.0.NPTD consists of a country code at the beginning, the AMECO variable code at the end, and four numeric values representing, in order:

TRN: Transformations over time

AGG: Aggregation modes

UNIT: Unit codes

REF: Codes for relative performance

Labels for country and variable codes are included directly in the data file. The four numerical codes are explained in the following sections.

## 2. TRN: Transformations over time (first numerical code)

Standard codes are 1 (levels), 6 (annual percentage changes) and 3 (index numbers). AMECO also knows other codes, most of which are not used in the AMECO data files:

- 1 Levels (and moving arithmetic mean for time periods)
- 2 Levels (and moving geometric mean for time periods)
- 3 Index numbers (and moving arithmetic mean for time periods)
- 4 Index numbers (and moving geometric mean for time periods)
- 5 Annual percentage changes (and moving arithmetic mean for time periods)
- 6 Annual percentage changes (and moving geometric mean for time periods)
- 7 Absolute value of annual percentage changes (and moving arithmetic mean for time periods)
- 8 Moving percentage changes
- 9 Annual changes (and moving arithmetic mean for time periods)
- 10 Absolute value of annual changes (and moving arithmetic mean for time periods)
- 11 Moving changes

## 3. AGG: Aggregation mode (second numerical code)

Aggregation mode only concerns aggregation of data of individual countries into a larger geographical aggregate, e.g. the EU or the euro area. The following standard codes are foreseen, but not all are used in AMECO data files:

- |   |   |
|---|---|
| 0 | Standard aggregations (data converted to a common currency and summed)    |
| 1 | Weighted mean of t/t-1 national ratios, weights current prices in ECU/EUR |
| 2 | Weighted mean of t/t-1 national ratios, weights current prices in PPS     |

For interest rate variables in the AMECO13 data file, the following aggregation codes apply:

- |   |   |
|---|---|
| 1 | Weighted geometric mean (weights: GDP in current ECU/EUR)                 |
| 2 | Weighted geometric mean (weights: GDP in current PPS)                     |
| 3 | Weighted geometric mean (weights: Private consumption in current ECU/EUR) |
| 4 | Weighted geometric mean (weights: Private consumption in current PPS)     |

For variables such as the effective exchange rates in the AMECO13 data file, data can be expressed in terms of performance relative to a group of competitor countries. For these variables, the aggregation mode 0 means that for the competitor group, the weighted geometric mean of the evolution of the variable (t/t-1) has been used. (Weights are double export weights.)

#### **4. UNIT: Unit codes (third numerical code)**

The standard code is:

0 Original units (e.g. national currency, persons, etc.)

Other commonly used currencies are:

99 ECU/EUR

212 PPS (purchasing power standards)

Unit codes are also used for variables at current prices expressed as a percentage of another variable, to indicate that other variable, not all of which are used in the AMECO data files:

- 300 Final demand
- 310 Gross domestic product at market prices
- 311 Net domestic product at market prices
- 312 Gross domestic product at current factor cost
- 313 Net domestic product at current factor cost
- 315 Trend gross domestic product at market prices
- 316 Potential gross domestic product at market prices
- 318 Total gross value added
- 319 Gross domestic product at market prices (excessive deficit procedure)
- 320 Gross national product at market prices
- 321 National income at market prices
- 322 Gross national disposable income at market prices
- 323 National disposable income at market prices
- 338 Gross value added at market prices; manufacturing industry
- 380 Current revenue general government
- 390 Total expenditure general government
- 391 Current expenditure general government
  
- 410 Total population, demographic statistics
- 411 Population, 15 to 64 years
- 412 Total labour Force
- 413 Civilian labour force
- 414 Population 15 to 74 years
- 420 Total population (national accounts)

#### **5. REF: Codes for relative performance (fourth numerical code)**

Certain variables can be expressed with reference to a geographic aggregate, e.g. the EU or a competitor group for certain competitiveness indicators. For those, the REF value indicates which aggregate has been used for reference area. For all other variables simply including a value for the reporting country, the code is 0. Other codes used in the AMECO data files are:

- 215 former EU-15
- 315 former EU-15
- 328 former EU-28
- 415 former EU-15
- 424 24 industrial countries: former EU-15 & CH NR TR US CA MX JP AU NZ
- 437 37 industrial countries: EU-27 & CH NR TR UK US CA MX JP AU NZ