

# EU KLEMS Growth and Productivity Accounts 2017 Release, Statistical Module<sup>1</sup>

## Country notes for EU-16 (growth accounting)

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### Synopsis of the main points

- EU-16 refers to aggregate of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Italy, Latvia, Luxembourg, Netherlands, Slovakia, Slovenia, Spain, Sweden, and United Kingdom.
- Own aggregates of output and labour data in NACE 2 are released for 1995-2015, but the content of the output file is reduced compared to the individual country files, see Table 5 below.
- Aggregated capital data in NACE 2 from Eurostat are not released.
- Growth accounts are released only for 2009-2015.

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Table 5 summarizes the general coverage of the main variables in the 2017 release. Possible scattered gaps in industries or years are not shown in this table.

Table 5: Coverage of main variables in the output file and the capital file

Variable	Period
LAB_QI	NA
VA	1995-2015
VA_QI, VA_P	NA
GO, II	1995-2015
GO_P, II_P	NA
COMP	NA
LAB, CAP	NA
EMP, EMPE	2000-2015
H_EMP, H_EMPE	2000-2015
I_, Ip_, Iq_	NA
K_, Kq_	NA
Growth accounts VA/LP1/LP2	2009-2015

### Output and labour

Nominal variables in the single country output files are denoted in national currency. To obtain these nominals in millions of Euros for the aggregate EU-16, we downloaded official output data in NACE2 from Eurostat in millions of Euros for all 16 countries. The aggregation of value added, gross output, intermediate input, number of persons engaged, number of employees hours worked, and number of workers is done by straightforward summation.

All growth accounting related variables are the value added weighted average of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Italy, Latvia, Luxembourg, Netherlands, Slovakia, Slovenia, Spain, Sweden, and United Kingdom. These variables and all four labour variables are not available for all subindustries of 'total manufacturing' (C), 'wholesale and retail trade; repair of motor vehicles and motorcycles' (G), 'transportation and storage' (H), and 'information and communication' (J) due to the data constraints in Latvia. Given the fact that Spanish gross fixed capital formation and capital stocks are only released for 'arts, entertainment, recreation and other service activities' (R-S), growth accounts for the child industries 'arts, entertainment and recreation' (R) and 'other service activities' (S) are not released for the aggregate in this file. Growth accounts are not available for the Czech Republic, Italy, Latvia, Slovenia, and Sweden in 2015 (Slovenia also 2014). The aggregate growth accounts therefore exclude these countries in 2014 and 2015. Value added for the Czech Republic and gross output and intermediate input for Sweden and the United Kingdom are missing in 2015 and therefore not part of the aggregate. Chemicals and chemical products (20-21) growth accounts are not given and therefore also excluded from the 20-21 aggregate.