



Lifelong learning (LLL): information available from adult education survey and continuing vocational training survey

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Eurostat, unit F3 – labour market and lifelong learning

Eurostat's main data sources on education and training / LLL

Microdata from sample surveys

- Adult education survey (AES)
- Continuing vocational training survey (CVTS)
- Labour force survey (LFS)

Tabular data from administrative sources

- Joint UNESCO-OECD-Eurostat (UOE) data collection on formal education systems
 - Enrolments, graduates, teachers, expenditure

AES – general information (1)

- Topic: adult participation in learning
- Definition for learning activities: ISCED 2011 and classification of learning activities (CLA)
- Coverage: resident population aged 25-64
- Reference period: 12 months prior to the interview
- Periodicity: every 5 years
- Available waves
 - 2016, 2011, 2007
- Based on EU legislation since 2011 AES

AES – general information (2)

- **Variables on:**

- Access to information on learning possibilities
- Participation in different learning activities and details
 - Formal education
 - Non-formal education and training
 - Informal learning
- Reasons for not participating and obstacles to participation
- Self-reported language skills
- Background variables, such as educational attainment, labour status, occupation, country of birth, country of citizenship

AES – general information (3)

- **Formal education (FE)**

- Most recent FE activity
- Level, field, reason, time spent (instruction hours), use, outcomes, etc.

- **Non-formal education and training (NFE)**

- Some information for up to seven NFE
 - Purpose, during working time, paid by the employer
 - Participation rates in job-related / employer-sponsored NFE
- Further details for two randomly selected NFE
 - Field, reason, provider, time spent (instruction hours), costs (for fees, books, ...), use, outcomes etc.
 - Statistics on NFE activities, e.g. distribution by field, provider

AES – information available in SUFs

- **2016 AES**

- 32 countries
- All EU countries but IE, and NO, CH, MK, BA and RS
- Net sample size: 235 000 individuals

- **2011 AES**

- 30 countries
- All EU countries but HR, and NO, CH and RS
- Net sample size: 225 000 individuals

- **2007 AES**

- 26 countries
- All EU countries but IE, LU and MT, and NO
- Net sample size: 183 000 individuals

AES – main anonymization rules

- **Main rules**

- REGION – removed
- REFMONTH – recoded into quarters
- LOCNACE – aggregated to 1-digit level of NACE
- CITIZEN, BIRTHPLACE, BIRTHFATHER, BIRTHMOTHER – aggregated into 3 groups (national, another EU country, non-EU country)
- HATLEVEL, DROPEUCLEVEL, FEDLEVEL:
 - ISCED 1997 level 5 and 6 conflated
 - ISCED 2011 level 7 and 8 conflated
- For each wave: document with standard rules and country-specific additional rules

CVTS – general information (1)

- Topic: continuing vocational training in enterprises
- Definition of CVT: education or training activities financed in total or at least partly by the enterprise
- Coverage: enterprises with 10+ persons employed in NACE Rev. 2 sections B-N and R+S
- Reference period: calendar year
- Periodicity: every 5 years
- Available waves
 - Reference year 2015, 2010, 2005, (1999, 1993)
- Based on EU legislation since 2005 CVTS

CVTS – general information (2)

- **Variables on:**

- Provision of CVT courses and other forms of CVT
 - CVT courses: internal or external courses
 - Other forms of CVT: guided on-the-job training, job rotation, exchanges, secondments, study visits, conferences/workshops, self-directed learning
- CVT strategies
- Details for CVT courses
 - Participants, costs, hours spent, characteristics such as skills targeted, providers
- Assessment of CVT activities
- Factors limiting or reasons for not providing CVT
- Information on initial vocational training (IVT)
- Background variables such as size, NACE, total hours worked, total labour costs

CVTS – information available in SUFs

- **2015 CVTS**

- 24 countries
- All EU countries but IE, EL, HR, NL, AT, and NO
- Net sample size: 111 000 enterprises

- **2010 CVTS**

- 22 countries
- All EU countries but IE, EL, HR, LV, NL, AT, SI, and NO
- Net sample size: 101 000 enterprises

- **2005 CVTS**

- 19 countries
- All EU countries but IE, EL, HR, IT, LT, MT, NL, AT, SI, SK, and NO
- Net sample size: 78 000 enterprises

CVTS – main anonymization rules

- **Main rules**
 - NACE – aggregated
 - Standard dataset: NACE 5
 - Optional dataset (10-999 persons employed): NACE 20
 - Quantitative variables (costs, participants, time spent) – expressed as ratios for big enterprises (1000+ persons employed)
 - Region – removed
- For each wave: document with standard rules and country-specific additional rules

EU-LFS – educational variables

Variables on:

- Educational attainment
 - Level, field, year of attainment
- Participation in education and training
 - FE: participation and level; NFE: participation; no INF
- LFS vs. AES variables on participation
 - Same concepts / definitions
 - ISCED 2011, CLA
 - NFE in LFS excludes guided on-the-job training
 - Reference period: 4 weeks in LFS vs. 12 months in AES
 - LFS annual data vs. AES every 5 years
 - Implementation / questions differ due to different survey context, in particular for NFE

Links

- Education and training statistics – overview
<https://ec.europa.eu/eurostat/web/education-and-training/overview>
- Online publication in Statistics explained
[https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Education and training in the EU - facts and figures](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Education_and_training_in_the_EU_-_facts_and_figures)
- Online database
<https://ec.europa.eu/eurostat/web/education-and-training/data/database>
- Reference metadata
AES: https://ec.europa.eu/eurostat/cache/metadata/en/trng_aes_12m0_esms.htm
CVTS: https://ec.europa.eu/eurostat/cache/metadata/en/trng_cvt_esms.htm
LFS – LLL: https://ec.europa.eu/eurostat/cache/metadata/en/trng_lfs_4w0_esms.htm
LFS – attainment and transition: https://ec.europa.eu/eurostat/cache/metadata/en/edat1_esms.htm
- Implementation manuals (incl. code books) and further methodological information on CIRCABC
<https://circabc.europa.eu/w/browse/eb98d658-92f5-4254-a21a-b4e410c75602>
- Access to microdata
<https://ec.europa.eu/eurostat/web/microdata/overview> - special pages for AES, CVTS, LFS

Policy context

- **Europe 2020 strategy**

EU's agenda for growth and jobs, including two headline targets on education

- **European pillar of social rights**

Delivering new and more effective rights for citizens, including the right to quality and inclusive education, training and lifelong learning

- **European Policy Cooperation (ET2020 framework)**

Forum allowing Member States to exchange best practices and learn from each other

- **EU policy in the field of adult learning**

- **EU policy in the field of vocational education and training (VET)**