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
- 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, DROPEDEUCLEVEL, 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
- 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**

• **Online publication in Statistics explained**

• **Online database**

• **Reference metadata**
  AES: [https://ec.europa.eu/eurostat/cache/metadata/en/trng_aes_12m0_esms.htm](https://ec.europa.eu/eurostat/cache/metadata/en/trng_aes_12m0_esms.htm)

• **Implementation manuals (incl. code books) and further methodological information on CIRCABC**
  [https://circabc.europa.eu/w/browse/eb98d658-92f5-4254-a21a-b4e410c75602](https://circabc.europa.eu/w/browse/eb98d658-92f5-4254-a21a-b4e410c75602)

• **Access to microdata**
  [https://ec.europa.eu/eurostat/web/microdata/overview](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)**