European Commission

50 YEARS SHAPING LEARNING AND SKILLS FOR EUROPE

CEDEFOP
European Centre for the Development of Vocational Training

Germany

Skills development, labour and skills shortages

More about skills in Germany

BASIC SKILLS

Many people do not have sufficient basic skills, such as literacy, numeracy and digital skills

Average student underachievement rate
15 year-olds; reading, maths, and science

26% 27%

Source: OECD PISA

% of low-performing adults
literacy and numeracy

17% 20%

Source: OECD PIAAC

% of adults with at least basic digital skills
16-74 year-olds

52% 56%

Source: Eurostat Basic digital skills

SKILLS DEVELOPMENT

Not enough people are gaining the skills they need for the jobs of today and tomorrow

Participation rate in adult learning

54%

40% 60%
EU TARGET

Source: Eurostat Adult education survey

Employment rate of vocational education and training graduates

93%

81%

Source: Eurostat Labour force survey

Work-based learning in vocational education and training

94%

64%

Source: Eurostat Labour force survey

Share of young people with higher education

38%

43%

Source: Eurostat Labour force survey

Share of students enrolled in STEM* fields in initial medium-level VET

34%

Source: UOE data collection

Share of students enrolled in STEM fields at tertiary level

36%

(*) science, technology, engineering and mathematics

4.8 BILLION

EUROPEAN SOCIAL FUND+ AND RECOVERY AND RESILIENCE FACILITY*
2021-27 estimated investment in skills

(*) ex ante cost estimates

LABOUR & SKILLS SHORTAGES

Businesses are struggling to find workers with the right skills to grow and innovate

Companies reporting shortages of skilled workers as an investment barrier

90% 77%

Source: EIB Investment Survey

SMEs reporting difficulties to find employees with the right skills

42% 54%

Source: Eurobarometer SMEs and skills shortages

Top-3 In-demand occupations

- Researchers & engineers
- Technical labourers
- Office associate professionals

Source: Cedefop skillsOVATE/ ELA-EURES

Top-3 Growing occupations

- Legal, social, cultural & related associate professionals
- Agricultural, forestry & fishery labourers
- Customer services clerks

Source: Cedefop skills forecast