Germany 2024 Digital Decade Country Report

Germany's performance towards the Digital Decade targets and objectives.

In 2023, **Germany made notable progress** in the deployment of connectivity infrastructure, in particular 5G stand-alone-ready infrastructure. However, the country is still facing **important challenges** in reaching full Fibre to the Premises (FTTP) coverage as well as in the digitalisation of public services. In the past year, Germany progressed in enhancing basic digital skills.

2030 DIGITAL DECADE

Germany Country Report

Two main strengths or areas of progress

5G coverage

Germany is close to reaching full 5G coverage of households, with 98.1% of coverage already achieved in overall 5G and notable progress in stand-alone-ready 5G infrastructure.

Basic Digital Skills

Germany has made a good progress in enhancing basic digital skills, reaching 52.2% up from 48.9% the year before, so a 3.3% growth in only one year.

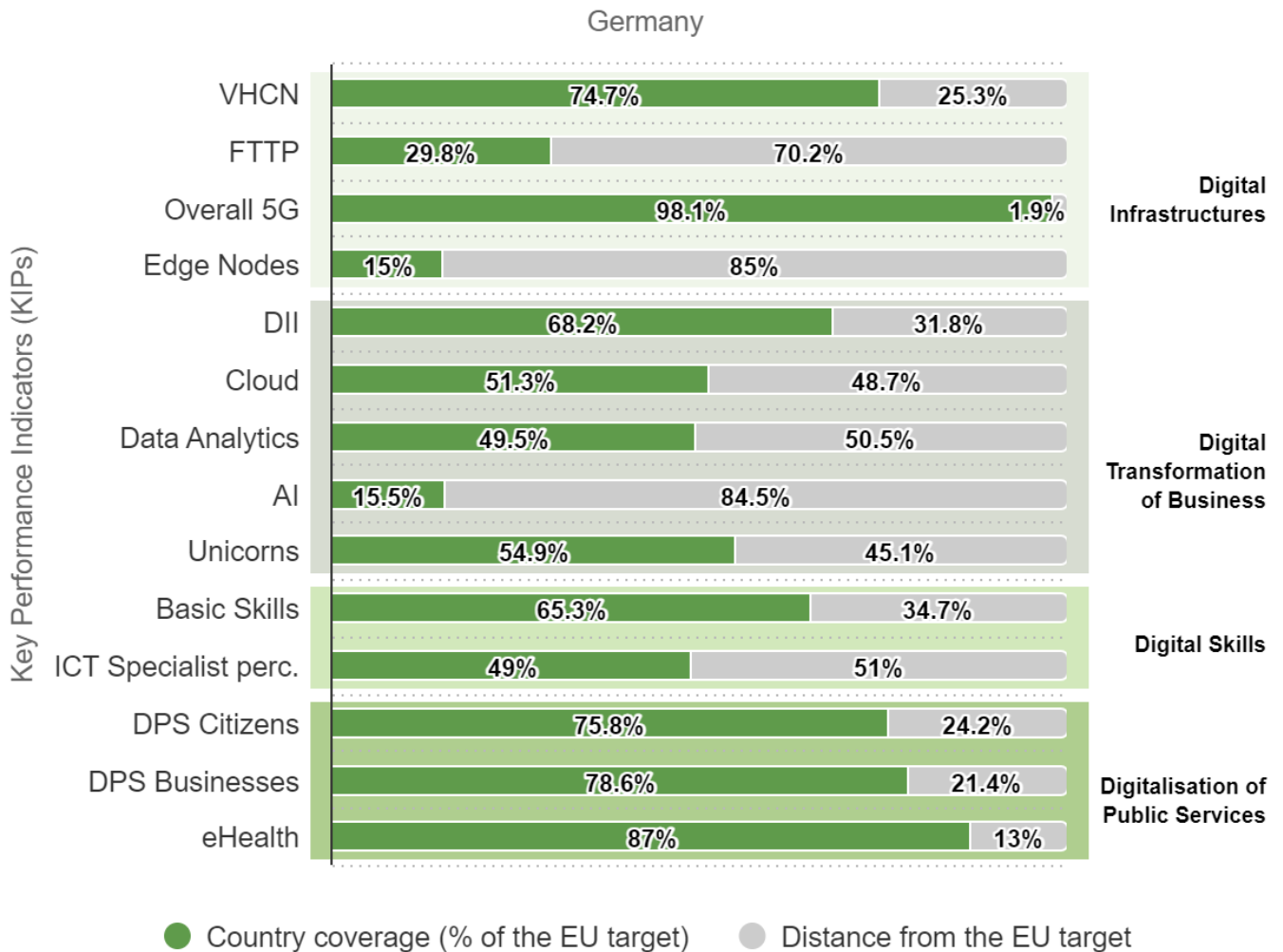## Two main weaknesses or areas to improve

Connectivity infrastructure

Germany is second last in the EU when it comes to Fibre to the Premises (FTTP) coverage, currently standing at 29.8% and much below the EU average of 64%. The share of broadband retail lines with more than 1 Gbps speed is also well below the EU average (5.5% of fixed broadband subscriptions against an EU average of 18.5%).

Digitalisation of public services

The country will need to accelerate the pace of digitalisation of public services, as it is below the EU average (the digitalisation of public services for citizens scores 75.8 out of 100 against 79.4 at EU level and 78.6 against an EU average of 85.4 for businesses) and even saw a slight decline in the related indicators.

Germany's Key Performance Indicators

Observed and forecasted Key Performance Indicators as percentage of the EU target

Germany

Key Performance Indicator	Country coverage (% of the EU target)	Distance from the EU target	Category
VHCN	74.7%	25.3%	Digital Infrastructures
FTTP	29.8%	70.2%	Digital Infrastructures
Overall 5G	98.1%	1.9%	Digital Infrastructures
Edge Nodes	15%	85%	Digital Infrastructures
DII	68.2%	31.8%	Digital Transformation of Business
Cloud	51.3%	48.7%	Digital Transformation of Business
Data Analytics	49.5%	50.5%	Digital Transformation of Business
AI	15.5%	84.5%	Digital Transformation of Business
Unicorns	54.9%	45.1%	Digital Transformation of Business
Basic Skills	65.3%	34.7%	Digital Skills
ICT Specialist perc.	49%	51%	Digital Skills
DPS Citizens	75.8%	24.2%	Digitalisation of Public Services
DPS Businesses	78.6%	21.4%	Digitalisation of Public Services
eHealth	87%	13%	Digitalisation of Public Services

● Country coverage (% of the EU target)   ● Distance from the EU target

* 2023: last observed data (DESI 2024, SDDR24); 2024-2030: forecast as per Member States' trajectories

A fully interactive graph is available on the web page.

Germany's Digital Decade strategic roadmap

Germany's roadmap demonstrates that the country intends to allocate a **very significant effort** to achieve the Digital Decade objectives and targets. However, not all targets are covered in the roadmap, which sets 8 out of 14 key performance indicators (KPIs). To achieve its digital transformation, Germany plans to allocate a total budget (excluding private investments) estimated at **EUR 44.3 billion (1,1% GDP).**

Digital rights and principles

The Special Eurobarometer 'Digital Decade 2024' reveals that 41% of Germans believe the EU protects their digital rights effectively (-6% compared to 2023). Concerns have intensified, with 58% worried about children's online safety (+4%) and 44% about control over personal data (+2%). These findings underscore **the need to reinforce digital rights at national level.** On the positive side, 57% value freedom of expression online, and are satisfied with the level of digital skills, despite both figures remaining below the EU average.

Country-Specific Recommendations

Germany must improve its performance towards the Digital Decade targets and objectives, to foster competitiveness, resilience, sovereignty, and promote European values and climate action.

Connectivity infrastructure

Maintain the recent increased pace of deployment of fibre infrastructure to reach the Digital Decade target and encourage operators to continue the deployment of 5G stand-alone core networks.

Digitalisation of public services

Accelerate the level of digitalisation of public services for citizens and businesses.

Basic digital skills

Step up cooperation at all levels of administration to boost the digital skills of the population by 2030.

For more information and the full list of recommendations, please consult the report (https://digital-strategy.ec.europa.eu/en/library/digital-decade-2024-country-reports).

More on the Digital Decade Report 2024

Digital Decade 2024 report: Country fact pages (https://digital-strategy.ec.europa.eu/en/factpages/digital-decade-2024-report-country-fact-pages)

Check out the progress of all Member States and extracts of country-specific recommendations.