

# Luxembourg 2024 Digital Decade Country Report

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

In 2023, Luxembourg made notable progress in increasing 5G coverage, including in the 3.4-3.8 GHz band. Some challenges persist in the adoption of advanced technologies, such as cloud, by enterprises and in the spread of at least basic digital skills among the general population. However, in the last year, Luxembourg progressed in the share of ICT specialists in employment.



## Two main strengths or areas of progress

### Connectivity infrastructure

Luxembourg can rely on a widely deployed connectivity infrastructure in fixed very-high-capacity network (VHCN), with 94.7% of households covered, and 5G, with 99.6% of households covered, well above the EU average (78.8% and 89.3% respectively).

### ICT specialists

Luxembourg has increased its already high share of ICT specialists in employment (8.0%), well above the EU average (4.8%).



## Two main weaknesses or areas to improve

### Adoption of advanced technologies by enterprises

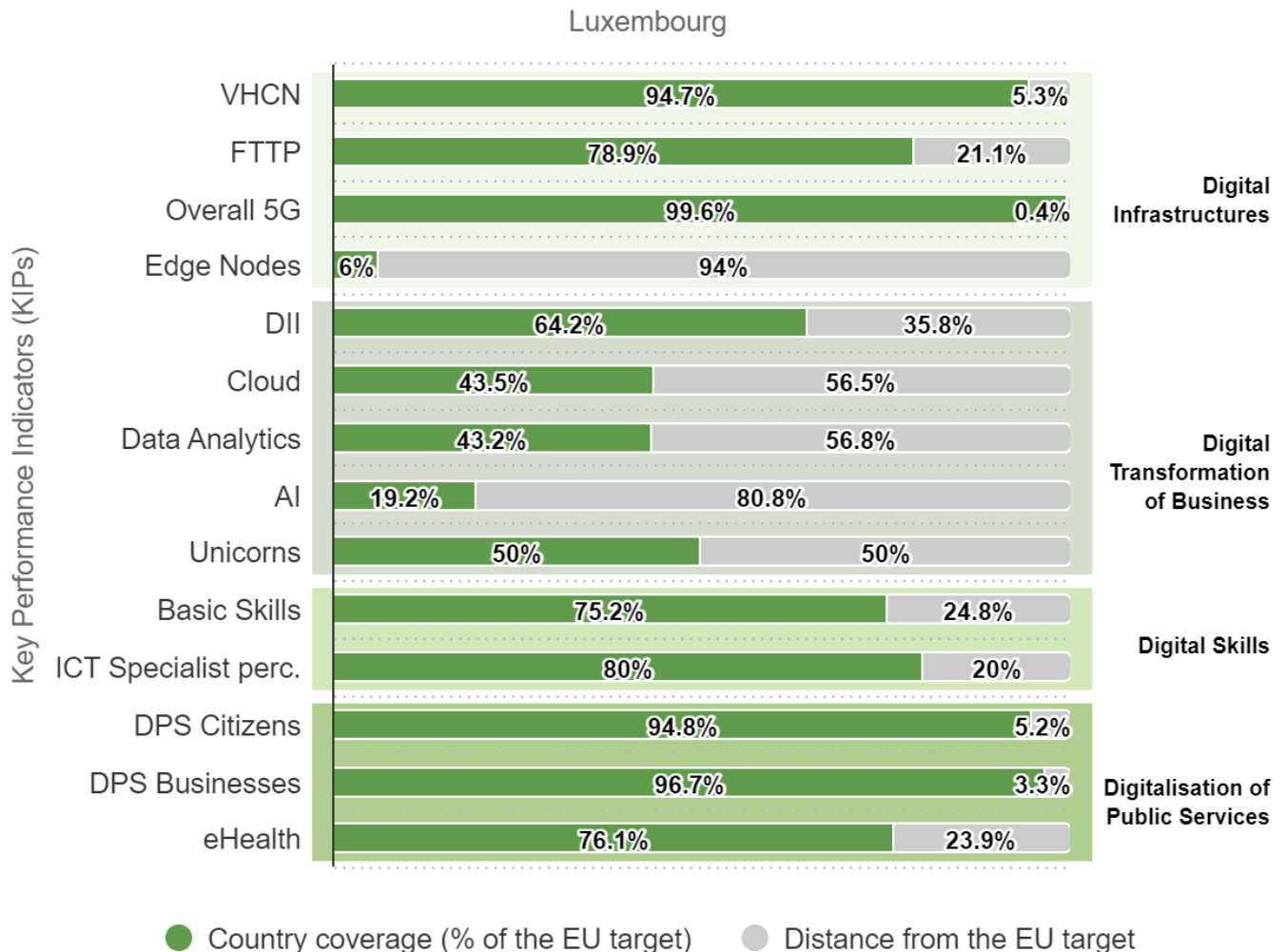
Performance is mixed and, overall, there is room to improve on the share of enterprises making use of AI, cloud, or data analytics (52% vs 54.6% in the EU).

### Basic digital skills

60.1% of the population in Luxembourg had at least basic digital skills, which is above the EU average (55.6%). However, recent annual progress is slow. Luxembourg nonetheless highlights that equipping people with digital skills and fostering digital inclusion is a national priority.

## Luxembourg's Key Performance Indicators

### Observed and forecasted Key Performance Indicators as percentage of 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.

## Luxembourg's Digital Decade strategic roadmap

Luxembourg's roadmap demonstrates that the country plans a **significant effort** to achieve the Digital Decade objectives and targets. The roadmap sets targets for 12 out of 14 key performance indicators (KPIs), which are aligned with the EU 2030 ambitions. To achieve its digital transformation, Luxembourg plans to allocate a total budget (excluding private investments) estimated at **EUR 302 million (0.4% GDP)**.



## Digital rights and principles

The Special Eurobarometer 'Digital Decade 2024' provides insight into the perception of digital rights. It indicates that, despite an 8-point decrease since last year, 56% of respondents in Luxembourg believe the EU protects their digital rights, still above the EU average of 45%. Positive trends include the high importance of digital technologies for accessing public services online and connecting with friends and family (90%), significantly above the EU average of 83%. However, concerns have increased (+2 percentage points) among Luxembourgish respondents over the online safety for children (40%). These findings underscore **the need to reinforce digital rights at national level**.



## Country-Specific Recommendations

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

### Digitalisation of SMEs

Consider adopting further measures to convince less digitalised SMEs to engage in a digital transition and boost their growth.

### Adoption of advanced digital technologies by enterprises

Consider further awareness-raising measures and/or training directed at SMEs to adopt AI and data analytics as means to boost competitiveness.

### Basic digital skills

Strengthen the strategy to develop the population's basic digital skills.

### e-Health

Make the data types of e-prescription and e-dispensation available to people through online access service and make it accessible through a notified e-ID. Make more health data types available to citizens through the online access service and increase the supply of health data by onboarding more categories of healthcare providers.

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) (<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.□