

## Integration of Digital Technology by Enterprises in the Digital Economy and Society Index

As new technologies emerge, the Commission monitors their integration in businesses and eCommerce.



### INTEGRATION OF DIGITAL TECHNOLOGY



## Digital Economy and Society Index Report 2020 - Integration of Digital Technology

Just prior to the pandemic, the data on the integration of digital technologies by businesses showed large variations depending on the company size, sector and also the Member State. **Enterprises were becoming more and more digitised, with large companies taking the lead. 38.5% of large companies relied already on advanced cloud services and 32.7% were using big data analytics. However, the vast majority of SMEs reported that they were not yet using these technologies**, with only 17% of them using cloud services and only 12% big data analytics. The highest-ranked countries, with regard to these indicators, are Malta with 24% of companies using big data and Finland with 50% relying on cloud services. As for e-commerce, only 17.5% of SMEs sold products online in 2019, following a very slight increase of 1.4 percentage points compared to 2016. In contrast, 39% of large enterprises made use of online sales in 2019. The top EU performers in the digitisation of businesses are Ireland, Finland, Belgium and the Netherlands.

Download (.pdf) the report: DESI 2020 - Integration of Digital Technology

Download (.pdf) the report: DESI 2020 - Emerging Technologies

Download (.pdf) the report: DESI 2020 - Cybersecurity

## **Other reports and analysis 2020**

### **European enterprise survey on the use of technologies based on Artificial Intelligence (AI)**

- Final report (EN) (PDF)
- Executive summary (EN) (PDF)
- Executive summary (FR) (PDF)
- Aggregate data (XLSX)

## **Archive Documents**

### **Documents 2019**

- DESI 2019 - Integration of Digital Technology (PDF)

### **Documents 2018**

- DESI 2018 - Integration of Digital Technology (PDF)

### **Documents 2017**

- Integration of Digital Technology in the EU 2017 (slides pdf)

### **Documents 2016**

- Integration of Digital Technology in the EU 2016 (ppt)

### **Documents 2015**

- Trends in European eCommerce in the EU 2015 (ppt )
- Trends in European eCommerce in the EU 2015 (pdf)
- Use of Cloud Services by Citizens and Enterprises in the EU 2015 (ppt)
- Use of Cloud Services by Citizens and Enterprises in the EU 2015 (pdf)

## **Related Content**

### **Big Picture**

The Digital Economy and Society Index (DESI)

The Digital Economy and Society Index (DESI) summarises indicators on Europe's digital performance and tracks the progress of EU countries.

## **See Also**

Telecoms in the Digital Economy and Society Index Report

The Commission follows developments of telecoms markets in each EU country, reporting on investment, regulation, and markets.

Research & Development in ICT in the Digital Economy and Society Index

The Commission follows updates in the ICT sector, including in research and development, which contributes significantly to the EU economy.

Use of Internet and Online Activities in the Digital Economy and Society Index

The Commission measures the number of people using the Internet across the EU and what activities they use it for.

Digital Public Services in the Digital Economy and Society Index

The Commission monitors indicators of digital public services in the EU to ensure citizens and governments are enjoying the full potential of this technology.

Human Capital and Digital Skills in the Digital Economy and Society Index

The Commission monitors 'internet user skills' and 'advanced skills and development' across the EU to ensure people are equipped for the digital decade.

Broadband Connectivity in the Digital Economy and Society Index

The Commission continues to monitor connectivity throughout the EU, measuring both supply and demand of fixed and mobile broadband.

The Digital Economy and Society Index — Countries' performance in digitisation

These reports present data from EU countries in areas such as connectivity, digital skills, digital public services, and more.

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