



Digital Economy and Society Index (DESI) 2021

Norway

About the DESI

The European Commission has monitored Member States' progress on digital and published annual Digital Economy and Society Index (DESI) reports since 2014. Each year, the reports include country profiles, which help Member States identify areas for priority action, and thematic chapters providing an EU-level analysis in the key digital policy areas.

In 2021, the Commission adjusted DESI to reflect the two major policy initiatives that will have an impact on digital transformation in the EU over the coming years: the Recovery and Resilience Facility and the Digital Decade Compass.

To align DESI with the four cardinal points and the targets under the Digital Compass, to improve the methodology and take account of the latest technological and policy developments, the Commission made a number of changes to the 2021 edition of the DESI. The indicators are now structured around the four main areas in the Digital Compass, replacing the previous five-dimension structure. 11 of the DESI 2021 indicators measure targets set in the Digital Compass. In future, the DESI will be aligned even more closely with the Digital Compass to ensure that all targets are discussed in the reports.

In addition, DESI now includes an indicator measuring the level of support that adopted ICT technologies provided companies in taking more environmentally-friendly measures (ICT for environmental sustainability) and the take up of gigabit services, plus the percentage of companies offering ICT training and using e-invoicing.

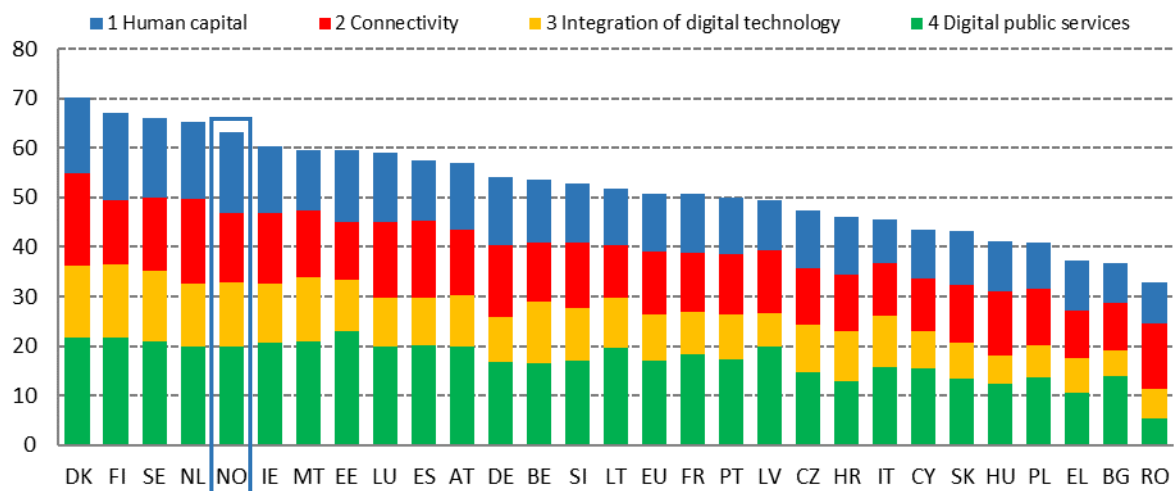
The DESI scores and rankings of previous years were re-calculated for all countries to reflect the changes in the choice of indicators and corrections made to the underlying data.

For further information, see the DESI website: <https://digital-strategy.ec.europa.eu/en/policies/desi>.

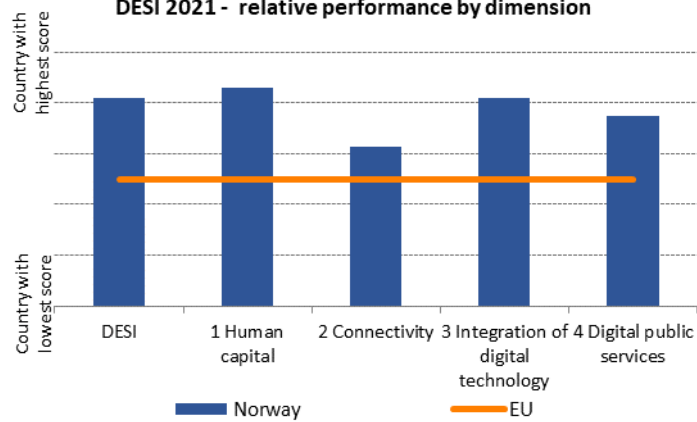
Overview

	Norway		EU
	rank	score	score
DESI 2021	NA	63.2	50.7

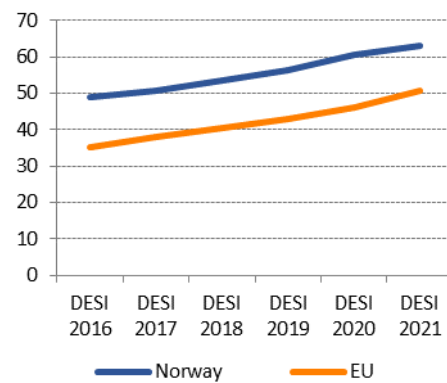
Digital Economy and Society Index (DESI) 2021 ranking



DESI 2021 - relative performance by dimension

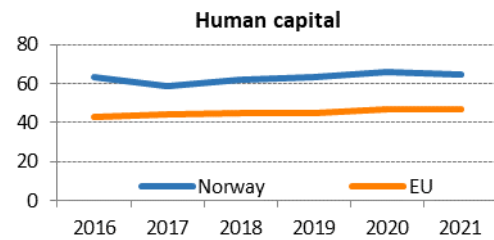


DESI - evolution over time



1 Human capital

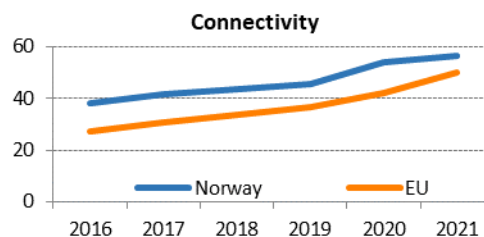
1 Human capital	Norway		EU
	rank	score	score
DESI 2021	NA	64.4	47.1



	Norway			EU
	DESI 2019	DESI 2020	DESI 2021	DESI 2021
1a1 At least basic digital skills	77%	83%	83%	56%
% individuals	2017	2019	2019	2019
1a2 Above basic digital skills	51%	51%	51%	31%
% individuals	2017	2019	2019	2019
1a3 At least basic software skills	78%	83%	83%	58%
% individuals	2017	2019	2019	2019
1b1 ICT specialists	4.5%	4.6%	5.0%	4.3%
% individuals in employment aged 15-74	2018	2019	2020	2020
1b2 Female ICT specialists	22%	21%	19%	19%
% ICT specialists	2018	2019	2020	2020
1b3 Enterprises providing ICT training	42%	44%	33%	20%
% enterprises	2018	2019	2020	2020
1b4 ICT graduates	3.7%	3.9%	4.1%	3.9%
% graduates	2017	2018	2019	2019

2 Connectivity

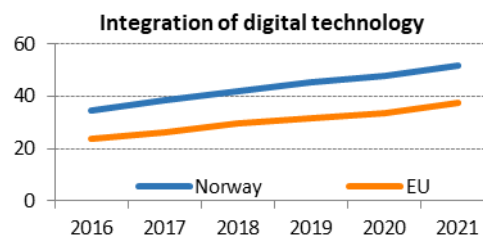
2 Connectivity	Norway		EU
	rank	score	score
DESI 2021	NA	56.7	50.2



	Norway			EU
	DESI 2019	DESI 2020	DESI 2021	DESI 2021
2a1 Overall fixed broadband take-up % households	89% 2018	93% 2019	90% 2020	77% 2020
2a2 At least 100 Mbps fixed broadband take-up % households	30% 2018	39% 2019	48% 2020	34% 2020
2a3 At least 1 Gbps take-up % households	NA	NA 2019	1.45% 2020	1.3% 2020
2b1 Fast broadband (NGA) coverage % households	83% 2018	89% 2019	93% 2020	87% 2020
2b2 Fixed Very High Capacity Network (VHCN) coverage % households	59% 2018	71% 2019	74% 2020	59% 2020
2c1 4G coverage % populated areas	99.8% 2018	>99.9% 2019	>99.9% 2020	99.7% 2020
2c2 5G readiness Assigned spectrum as a % of total harmonised 5G spectrum	NA 2019	49% 2020	49% 2021	51% 2021
2c3 5G coverage % populated areas	NA	NA	5% 2020	14% 2020
2c4 Mobile broadband take-up % individuals	85% 2018	91% 2019	91% 2019	71% 2019
2d1 Broadband price index Score (0-100)	NA	NA 2019	NA 2020	69 2020

3 Integration of digital technology

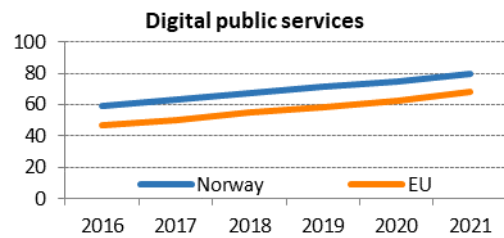
3 Integration of digital technology	Norway		EU
	rank	score	score
DESI 2021	NA	51.7	37.6



	DESI 2019	Norway DESI 2020	DESI 2021	EU DESI 2021
3a1 SMEs with at least a basic level of digital intensity % SMEs	NA	NA	82% 2020	60% 2020
3b1 Electronic information sharing % enterprises	30% 2017	34% 2019	34% 2019	36% 2019
3b2 Social media % enterprises	20% 2017	20% 2019	20% 2019	23% 2019
3b3 Big data % enterprises	15% 2018	15% 2018	19% 2020	14% 2020
3b4 Cloud % enterprises	43% 2018	43% 2018	58% 2020	26% 2020
3b5 AI % enterprises	NA	NA	27% 2020	25% 2020
3b6 ICT for environmental sustainability % enterprises having medium/high intensity of green action through ICT	NA	NA	70% 2021	66% 2021
3b7 e-Invoices % enterprises	54% 2018	54% 2018	65% 2020	32% 2020
3c1 SMEs selling online % SMEs	27% 2018	26% 2019	21% 2020	17% 2020
3c2 e-Commerce turnover % SME turnover	19% 2018	22% 2019	14% 2020	12% 2020
3c3 Selling online cross-border % SMEs	6% 2017	6% 2019	6% 2019	8% 2019

4 Digital public services

4 Digital public services	Norway		EU
	rank	score	score
DESI 2021	NA	80.0	68.1



	Norway			EU
	DESI 2019	DESI 2020	DESI 2021	DESI 2021
4a1 e-Government users	92%	88%	94%	64%
% internet users	2018	2019	2020	2020
4a2 Pre-filled forms	NA	NA	84	63
Score (0 to 100)			2020	2020
4a3 Digital public services for citizens	NA	NA	86	75
Score (0 to 100)			2020	2020
4a4 Digital public services for businesses	NA	NA	93	84
Score (0 to 100)			2020	2020
4a5 Open data	NA	NA	51%	78%
% maximum score			2020	2020