



Norway is among the most digital countries in Europe in DESI 2017. Norway scores very well in broadband connectivity, internet use, business digitisation and digital public services. Norway is also above average on digital skills.

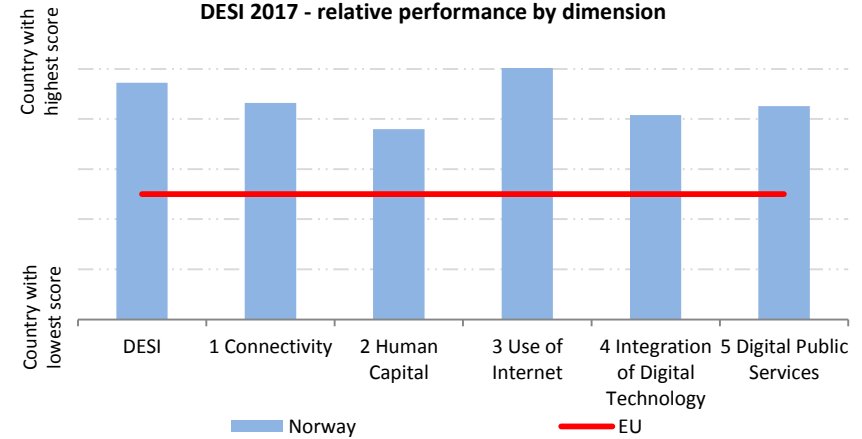
	Norway rank	Norway score	Cluster score	EU score
DESI 2017	NA	0.69	0.63	0.52
DESI 2016 ¹	NA	0.65	0.60	0.49

The Digital Economy and Society Index is a composite index measuring progress in digital through five components:

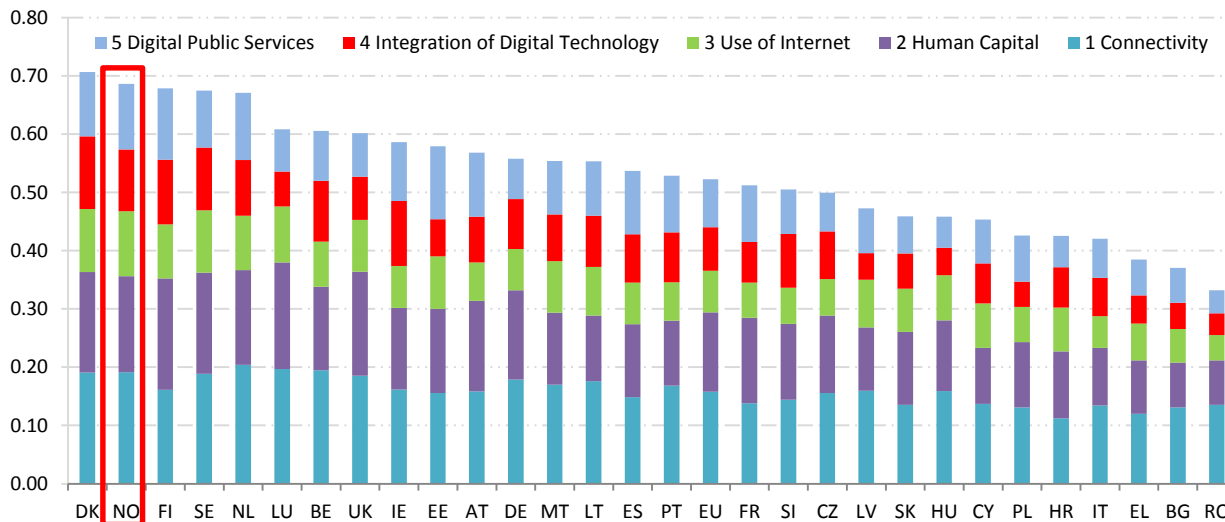
1 Connectivity	Fixed Broadband, Mobile Broadband, Broadband speed and prices
2 Human Capital	Basic Skills and Internet Use, Advanced skills and Development
3 Use of Internet	Citizens' use of Content, Communication and Online Transactions
4 Integration of Digital Technology	Business digitisation and eCommerce
5 Digital Public Services	eGovernment

Clustering: Norway belongs to the cluster of high performing countries.

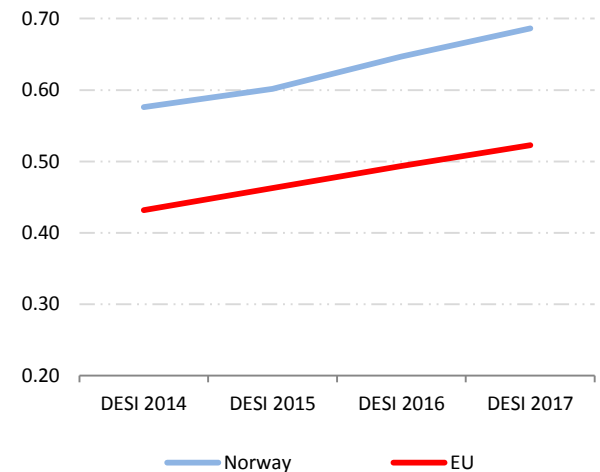
DESI 2017 - relative performance by dimension



Digital Economy and Society Index (DESI) 2017 ranking



DESI - evolution over time

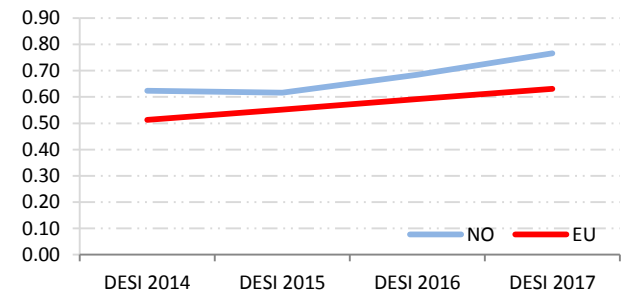


1) Connectivity: Norway has improved its score thanks to the large increase in fixed and mobile broadband take-up. Fast broadband (NGA) coverage and take-up have also increased. Norway features full 4G coverage.

	Norway				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
1a1 Fixed Broadband Coverage % households	95% →	NA	95%	NA	98%
	2016		2015		2016
1a2 Fixed Broadband Take-up % households	94% ↑	NA	83%	NA	74%
	2016		2015		2016
1b1 Mobile Broadband Take-up Subscriptions per 100 people	101 ↑	NA	92	NA	84
	June 2016		June 2015		June 2016
1b2 4G coverage² % households (average of operators)	100%	NA	NA	NA	84%
	2016				2016
1b3 Spectrum³ % of the target	83% ↓	NA	84%	NA	68%
	2016		2015		2016
1c1 NGA Coverage % households	81% ↑	NA	80%	NA	76%
	2016		2015		2016
1c2 Subscriptions to Fast Broadband % subscriptions >= 30Mbps	61% ↑	NA	42%	NA	37%
	June 2016		June 2015		June 2016
1d1 Fixed Broadband Price⁴ % income	1.1% ↑	NA	1.3%	NA	1.2%
	price 2016, income 2015		price 2015, income 2015		price 2016, income 2015

1 Connectivity	Norway		Cluster	EU
	rank	score	score	score
DESI 2017	NA	0.77	0.75	0.63
DESI 2016	NA	0.68	0.73	0.59

1 Connectivity - evolution over time

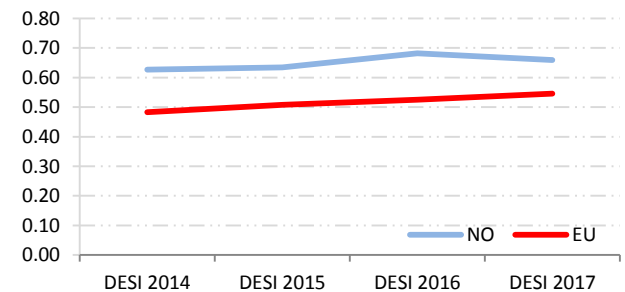


2) Human Capital: Norway is a leader in internet users (96%) and in basic digital skills (75%). The percentage of Science, Technology, Engineering and Mathematics graduates has improved but is still below EU average.

	Norway				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
2a1 Internet Users % individuals	96% →	NA	96%	NA	79%
	2016		2015		2016
2a2 At Least Basic Digital Skills % individuals	75% ↓	NA	80%	NA	56%
	2016		2015		2016
2b1 ICT Specialists⁵ % individuals	4.3% ↓	NA	4.7%	NA	3.5%
	2015		2014		2015
2b2 STEM Graduates Per 1000 individuals (aged 20-29)	14 ↑	NA	13	NA	19
	2014		2013		2014

2 Human Capital	Norway		Cluster	EU
	rank	score	score	score
DESI 2017	NA	0.66	0.68	0.55
DESI 2016	NA	0.68	0.66	0.53

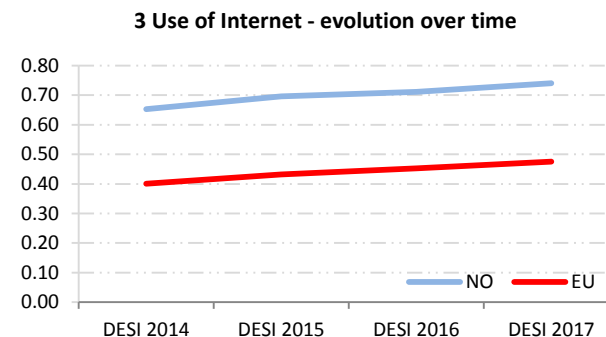
2 Human Capital - evolution over time



3) Use of Internet: The use of Internet services is widespread in Norway, with a leading position in online banking which is close to being universally adopted. Norwegians are intensive readers of online news.

	Norway				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
3a1 News	94%	↑ NA	93%	NA	70%
% individuals who used Internet in the last 3 months	2016		2015		2016
3a2 Music, Videos and Games⁶	89%	NA	NA	NA	78%
% individuals who used Internet in the last 3 months	2016				2016
3a3 Video on Demand⁷	54%	NA	NA	NA	21%
% individuals who used Internet in the last 3 months	2016				2016
3b1 Video Calls	48%	↑ NA	46%	NA	39%
% individuals who used Internet in the last 3 months	2016		2015		2016
3b2 Social Networks	78%	↑ NA	76%	NA	63%
% individuals who used Internet in the last 3 months	2016		2015		2016
3c1 Banking	94%	↑ NA	93%	NA	59%
% individuals who used Internet in the last 3 months	2016		2015		2016
3c2 Shopping	79%	↑ NA	78%	NA	66%
% internet users (last year)	2016		2015		2016

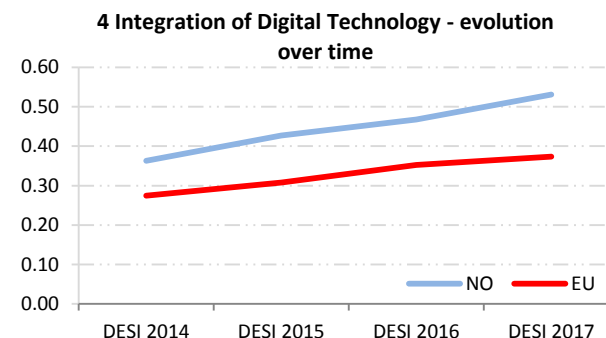
3 Use of Internet	Norway		Cluster	EU
	rank	score	score	score
DESI 2017	NA	0.74	0.60	0.48
DESI 2016	NA	0.71	0.57	0.45



4) Integration of Digital Technology: Norway scores well in business digitisation, in particular regarding invoicing and cloud computing. SMEs' online sales are high.

	Norway				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
4a1 Electronic Information Sharing	32%	NA	32%	NA	36%
% enterprises	2015		2015		2015
4a2 RFID	2.6%	NA	2.6%	NA	3.9%
% enterprises	2014		2014		2014
4a3 Social Media	20%	↑ NA	19%	NA	20%
% enterprises	2016		2015		2016
4a4 Invoices	47%	↑ NA	30%	NA	18%
% enterprises	2016		2015		2016
4a5 Cloud	32%	↑ NA	28%	NA	13%
% enterprises	2016		2015		2016
4b1 SMEs Selling Online	26%	→ NA	26%	NA	17%
% SMEs	2016		2015		2016
4b2 eCommerce Turnover	18.5%	↑ NA	16.6%	NA	9.4%
% SME turnover	2016		2015		2016
4b3 Selling Online Cross-border	5.3%	NA	5.3%	NA	7.5%
% SMEs	2015		2015		2015

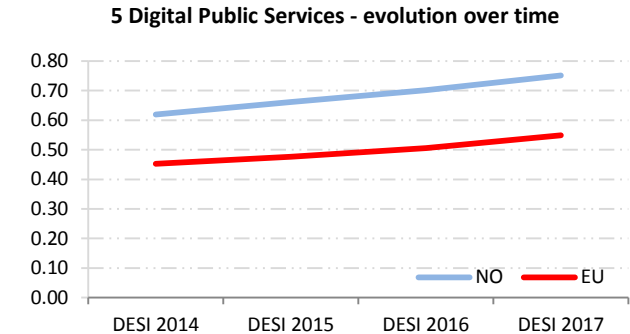
4 Integration of Digital Technology	Norway		Cluster	EU
	rank	score	score	score
DESI 2017	NA	0.53	0.44	0.37
DESI 2016	NA	0.47	0.41	0.35



5) Digital Public Services: Norway performs very well in the provision of online public services. The sophistication of digital public services is high but the re-use of information is lower than a year ago.

	Norway				EU	
	DESI 2017 value	rank	DESI 2016 value	rank	DESI 2017 value	
5a1 eGovernment Users % internet users (last year)	63% ↑	NA	59%	NA	34%	
	2016		2015		2016	
5a2 Pre-filled Forms Score (0 to 100)	75 ↓	NA	79	NA	49	
	2016		2015		2016	
5a3 Online Service Completion Score (0 to 100)	91 ↑	NA	90	NA	82	
	2016		2015		2016	
5a4 Open Data⁸ % of maximum score	62% ↑	NA	44%	NA	59%	
	2016		2015		2016	

5 Digital Public Services	Norway		Cluster	EU
	rank	score	score	score
DESI 2017	NA	0.75	0.59	0.55
DESI 2016	NA	0.70	0.57	0.51



Methodological note

- ¹ **DESI 2016** was re-calculated for all countries to reflect slight changes in the choice of indicators and corrections to the underlying indicator data. As a result, country scores and rankings may have changed from the previous publication.
- ² **4G coverage**: This is a new DESI indicator measuring the average coverage of telecom operators' 4G networks.
- ³ **Spectrum**: There is a decrease in most of the Member States due to the additional EU harmonisation of the 700 MHz band in April 2016.
- ⁴ **Fixed Broadband Price**: Due to a slight methodological change, historical data was re-calculated.
- ⁵ **ICT Specialists**: Historical data have been revised by Eurostat.
- ⁶ **Music, Videos and Games**: Break in series due to a change in the Eurostat survey.
- ⁷ **Video on Demand**: Break in series due to a change of data source. New source is Eurostat.
- ⁸ **Open Data**: Change of data source. The historical data have also been restated. The new source is the European Data Portal.