



Slovakia ranks 20th in DESI 2017. Slovakia is catching up in most domains, making substantial progress except for connectivity and integration of digital technologies. Mobile broadband take-up increased significantly and digital public services improved, also thanks to the use of structural funds for new innovative projects.

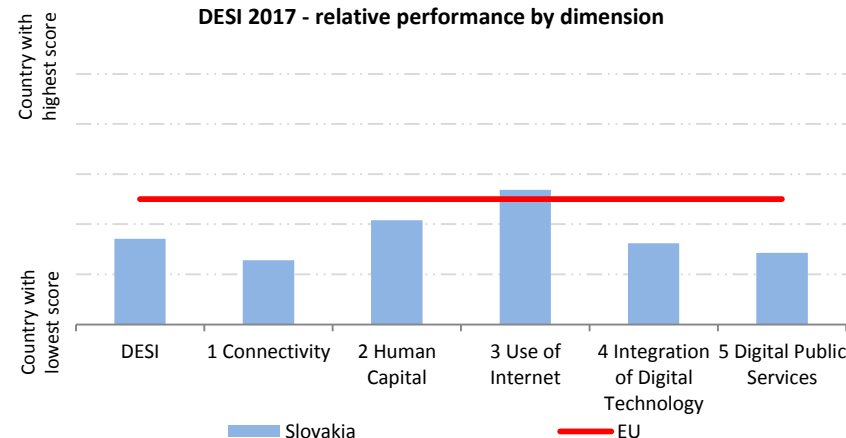
The Digital Economy and Society Index is a composite index measuring progress in digital through five components:

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

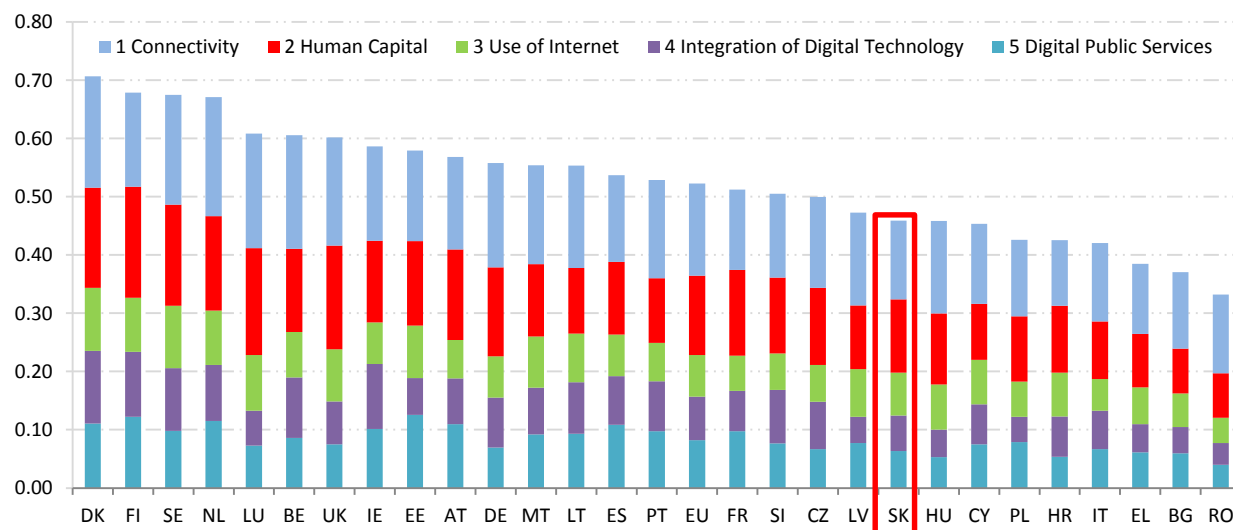
Clustering: Slovakia belongs to the cluster of low performing countries.

	Slovakia rank	Slovakia score	Cluster score	EU score
DESI 2017	20	0.46	0.41	0.52
DESI 2016 ¹	22	0.41	0.38	0.49

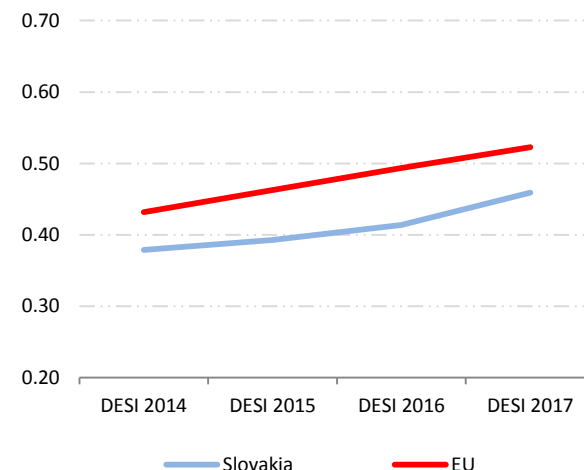
DESI 2017 - relative performance by dimension



Digital Economy and Society Index (DESI) 2017 ranking



DESI - evolution over time

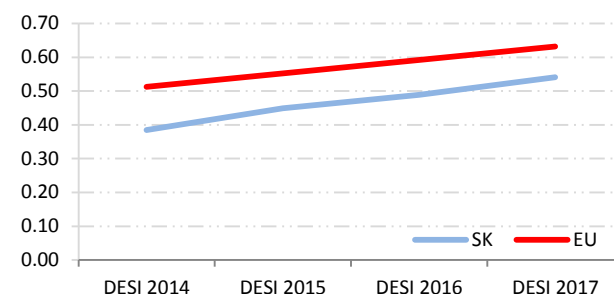


1) Connectivity: Although Slovakia's overall performance in connectivity is somewhat stagnating, several indicators have improved. For example, mobile broadband take-up and NGA coverage have been growing last year.

	Slovakia				EU	
	DESI 2017		DESI 2016		DESI 2017	
	value	rank	value	rank	value	
1a1 Fixed Broadband Coverage	88% ↑	27	86%	27	98%	
% households	2016		2015		2016	
1a2 Fixed Broadband Take-up	72% →	13	72%	11	74%	
% households	2016		2015		2016	
1b1 Mobile Broadband Take-up	73 ↑	20	63	22	84	
Subscriptions per 100 people	June 2016		June 2015		June 2016	
1b2 4G coverage²	80%	22	NA		84%	
% households (average of operators)	2016				2016	
1b3 Spectrum³	80% ↓	6	86%	5	68%	
% of the target	2016		2015		2016	
1c1 NGA Coverage	75% ↑	19	67%	23	76%	
% households	2016		2015		2016	
1c2 Subscriptions to Fast Broadband	32% ↑	19	30%	16	37%	
% subscriptions >= 30Mbps	June 2016		June 2015		June 2016	
1d1 Fixed Broadband Price⁴	1.1% →	13	1.1%	13	1.2%	
% income	price 2016, income 2015		price 2015, income 2015		price 2016, income 2015	

1 Connectivity	Slovakia		Cluster	EU
	rank	score	score	score
DESI 2017	23	0.54	0.53	0.63
DESI 2016	22	0.49	0.46	0.59

1 Connectivity - evolution over time

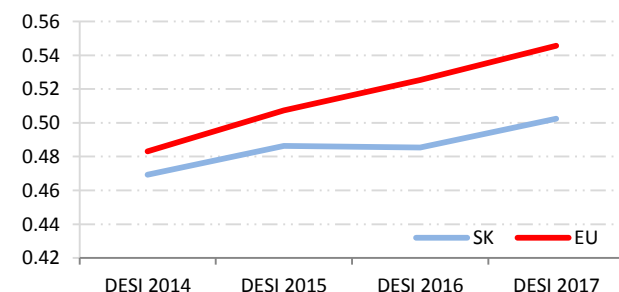


2) Human Capital: 78% of all citizens in Slovakia are using the internet and 55% of all individuals have at least basic digital skills. However, progress in this domain to catch up with other EU countries is slow.

	Slovakia				EU	
	DESI 2017		DESI 2016		DESI 2017	
	value	rank	value	rank	value	
2a1 Internet Users	78% ↑	14	74%	17	79%	
% individuals	2016		2015		2016	
2a2 At Least Basic Digital Skills	55% ↑	12	53%	14	56%	
% individuals	2016		2015		2016	
2b1 ICT Specialists⁵	2.8% →	17	2.8%	18	3.5%	
% individuals	2015		2014		2015	
2b2 STEM Graduates	17 ↓	14	18	13	19	
Per 1000 individuals (aged 20-29)	2014		2013		2014	

2 Human Capital	Slovakia		Cluster	EU
	rank	score	score	score
DESI 2017	15	0.50	0.40	0.55
DESI 2016	17	0.49	0.38	0.53

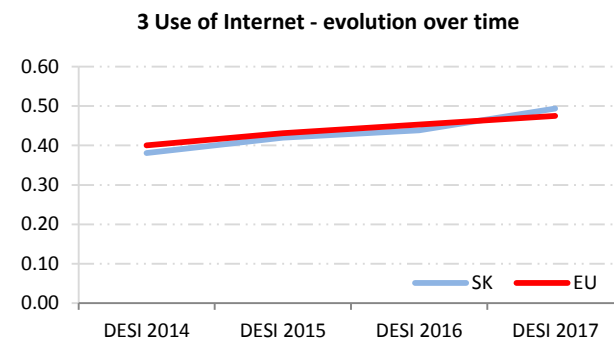
2 Human Capital - evolution over time



3) Use of Internet: Over the last year more Slovaks have been using the internet to read news, listen to music, watch films and TV-programmes, make calls or to use social media. Slovaks are particularly active users of video calls (rank 5 in DESI) and online shoppers (rank 10).

	Slovakia				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
3a1 News	74%	↑ 17	65%	23	70%
% individuals who used Internet in the last 3 months	2016		2015		2016
3a2 Music, Videos and Games⁶	69%	25	NA		78%
% individuals who used Internet in the last 3 months	2016				2016
3a3 Video on Demand⁷	7%	25	NA		21%
% individuals who used Internet in the last 3 months	2016				2016
3b1 Video Calls	57%	↑ 5	55%	6	39%
% individuals who used Internet in the last 3 months	2016		2015		2016
3b2 Social Networks	71%	↑ 12	69%	11	63%
% individuals who used Internet in the last 3 months	2016		2015		2016
3c1 Banking	56%	↑ 17	48%	18	59%
% individuals who used Internet in the last 3 months	2016		2015		2016
3c2 Shopping	68%	↑ 10	61%	14	66%
% internet users (last year)	2016		2015		2016

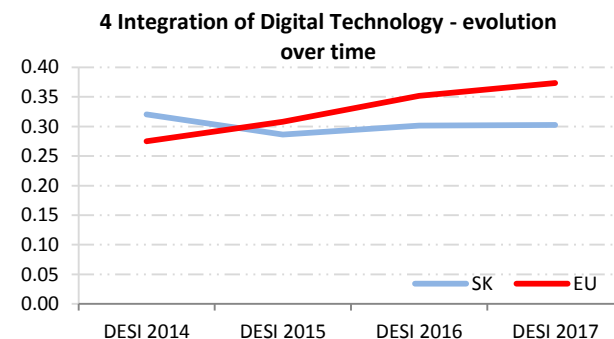
3 Use of Internet	Slovakia		Cluster	EU
	rank	score	score	score
DESI 2017	15	0.49	0.39	0.48
DESI 2016	17	0.44	0.37	0.45



4) Integration of Digital Technology: Slovak businesses are slow adopters of digital technologies to improve productivity or sales. The performance of Slovakia in this area is below average in most domains.

	Slovakia				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
4a1 Electronic Information Sharing	30%	17	30%	17	36%
% enterprises	2015		2015		2015
4a2 RFID	3.0%	20	3.0%	20	3.9%
% enterprises	2014		2014		2014
4a3 Social Media	13%	↑ 22	12%	19	20%
% enterprises	2016		2015		2016
4a4 eInvoices	15%	↑ 17	11%	17	18%
% enterprises	2016		2015		2016
4a5 Cloud	12%	↓ 15	13%	9	13%
% enterprises	2016		2015		2016
4b1 SMEs Selling Online	11%	↓ 21	12%	18	17%
% SMEs	2016		2015		2016
4b2 eCommerce Turnover	10.5%	↓ 9	10.9%	8	9.4%
% SME turnover	2016		2015		2016
4b3 Selling Online Cross-border	6.3%	17	6.3%	17	7.5%
% SMEs	2015		2015		2015

4 Integration of Digital Technology	Slovakia		Cluster	EU
	rank	score	score	score
DESI 2017	21	0.30	0.27	0.37
DESI 2016	19	0.30	0.25	0.35

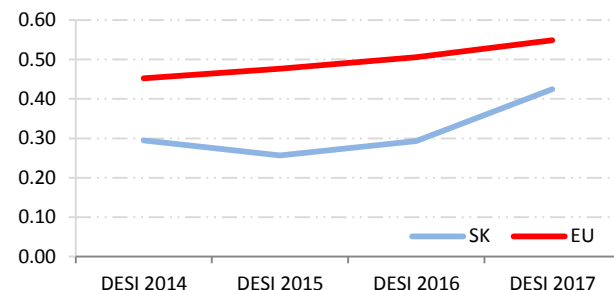


5) Digital Public Services: Slovakia is catching up fast in the digitisation of public services but remains below the EU average. In particular, the use of open data has improved from rank 15 to rank 9 amongst EU countries.

	Slovakia				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
5a1 eGovernment Users % internet users (last year)	19% 2016	↑ 24	16% 2015	25	34% 2016
5a2 Pre-filled Forms Score (0 to 100)	28 2016	↑ 21	19 2015	24	49 2016
5a3 Online Service Completion Score (0 to 100)	67 2016	↑ 24	59 2015	25	82 2016
5a4 Open Data⁸ % of maximum score	74% 2016	↑ 9	46% 2015	15	59% 2016

5 Digital Public Services	Slovakia		Cluster	EU
	rank	score	score	score
DESI 2017	23	0.42	0.43	0.55
DESI 2016	27	0.29	0.42	0.51

5 Digital Public Services - evolution over time



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.