

DESI (digitaalmajanduse ja -ühiskonna indeks): Eesti on 2017. aasta DESI indeksis 9. kohal. Eesti on veebis pakutavate avalike teenuste osas Euroopa liider ning ületab ELi keskmist digitaalsete oskuste ja kodanike internetikasutuse poolest. Eestis on tugev mobiilse lairiba kasutus, kuid lairiba püsivõrgu levik on vaatamata möödunud aasta saavutustele väike. Eesti peamine väljakutse on ettevõtluse digiteerimine.

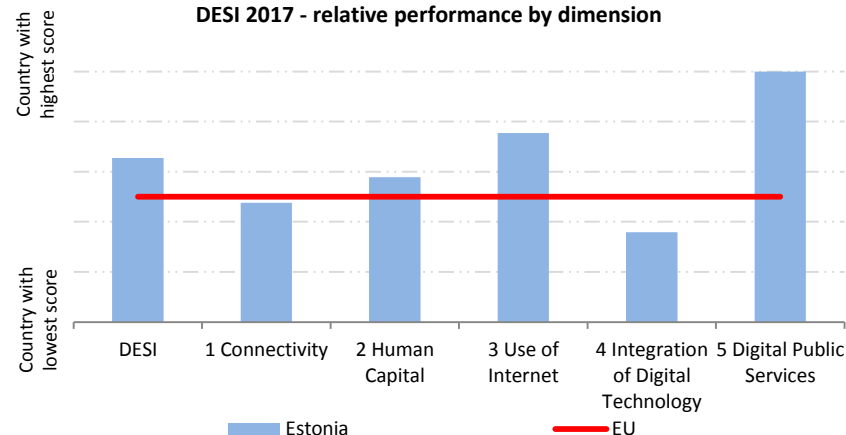
	Estonia		Cluster	EU
	rank	score	score	score
DESI 2017	9	0.58	0.63	0.52
DESI 2016 ¹	9	0.55	0.60	0.49

Digitaalmajanduse ja -ühiskonna indeks on liitindeks, millega mõõdetakse digitaalvaldkonna edusamme viie komponendi lõikes:

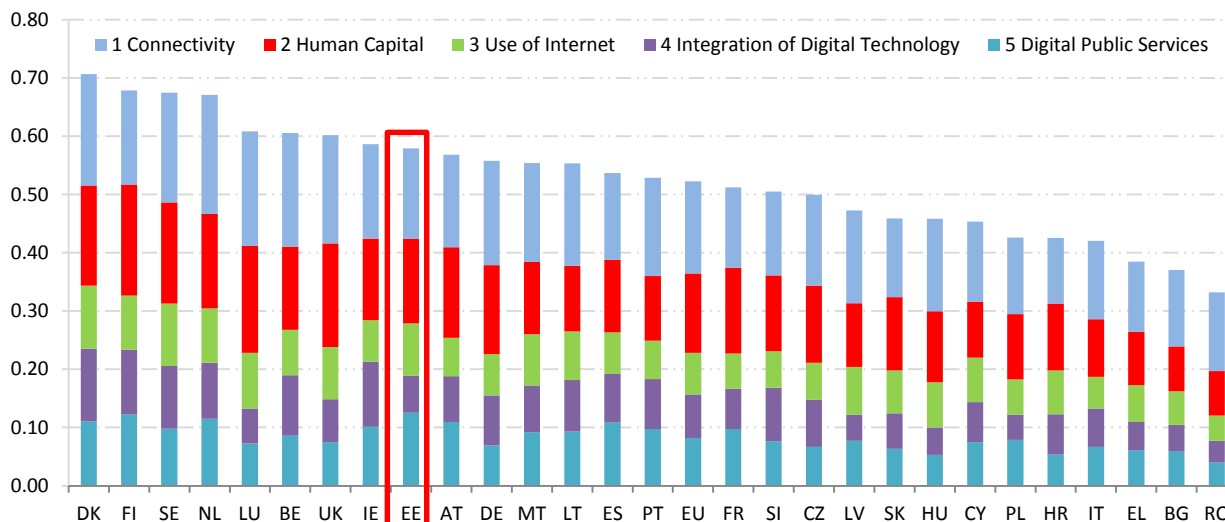
1. Ühenduvus	Püsivõrgu lairibaühendus, mobiilne lairibaühendus, lairibaühenduste kiirus ja hind
2. Inimkapital	Internetikasutus, digitaalsed baasoskused ja erioskused
3. Internetikasutus	Sisu, side ja veebitehingute kasutamine kodanike seas
4. Digitehnoloogia integreerimine	Ettevõtluse digiteerimine ja e-kaubandus
5. Avalikud digiteenused	E-valitsus

Rühmitamine: Eesti kuulub hästi toimivate riikide rühma.

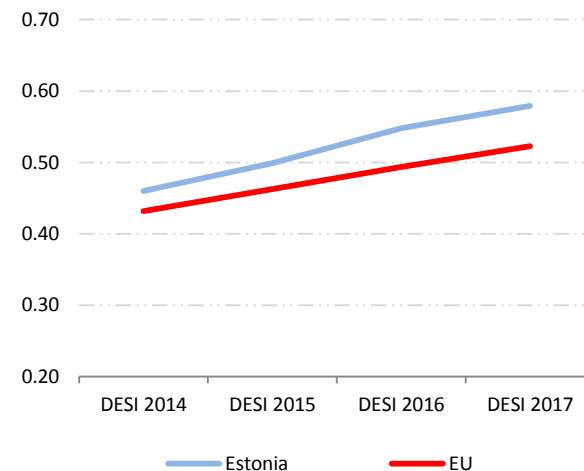
DESI 2017 - relative performance by dimension



Digital Economy and Society Index (DESI) 2017 ranking



DESI - evolution over time

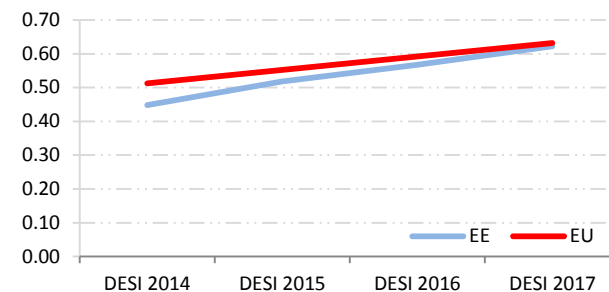


1) Ühenduvus: 4G võrgud on Eestis laialdaselt kättesaadavad ning mobiilse lairibaühenduse kasutuse määr on väga kõrge. Lairiba baaspüsivõrgu leviala on suurenenud, kuid on endiselt allpool ELi keskmist. Järgmise põlvkonna juurdepääsuvõrkude kättesaadavus on pisut üle keskmise ning kiire lairibaühenduse kasutuselevõtu tempo kasvab.

	Estonia				EU	
	DESI 2017		DESI 2016		DESI 2017	
	value	rank	value	rank	value	
1a1 Fixed Broadband Coverage % households	91% ↑	25	87%	26	98%	
	2016		2015		2016	
1a2 Fixed Broadband Take-up % households	77% →	8	77%	7	74%	
	2016		2015		2016	
1b1 Mobile Broadband Take-up Subscriptions per 100 people	116 ↑	4	105	4	84	
	June 2016		June 2015		June 2016	
1b2 4G coverage² % households (average of operators)	94%	8	NA		84%	
	2016				2016	
1b3 Spectrum³ % of the target	80% ↓	7	84%	6	68%	
	2016		2015		2016	
1c1 NGA Coverage % households	79% ↑	18	78%	16	76%	
	2016		2015		2016	
1c2 Subscriptions to Fast Broadband % subscriptions >= 30Mbps	31% ↑	20	27%	20	37%	
	June 2016		June 2015		June 2016	
1d1 Fixed Broadband Price⁴ % income	1.2% →	14	1.2%	14	1.2%	
	price 2016, income 2015		price 2015, income 2015		price 2016, income 2015	

1 Connectivity	Estonia		Cluster	EU
	rank	score	score	score
DESI 2017	17	0.62	0.75	0.63
DESI 2016	17	0.57	0.73	0.59

1 Connectivity - evolution over time

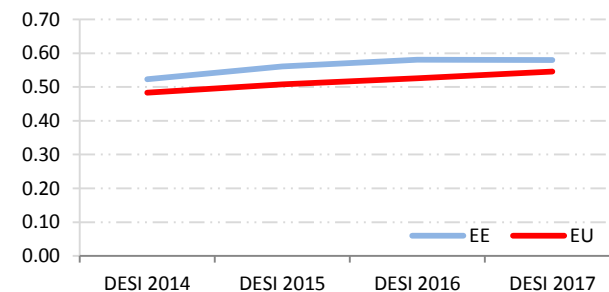


2) Inimkapital: Eesti tulemused on head internetikasutajate, digitaalsete baasoskuste taseme ning IKT-spetsialistide osakaalu poolest. Samas on ülikoolide loodusteaduste, tehnika, inseneriteaduste ja matemaatika erialade lõpetajate arv väike.

	Estonia				EU	
	DESI 2017		DESI 2016		DESI 2017	
	value	rank	value	rank	value	
2a1 Internet Users % individuals	85% ↓	8	86%	7	79%	
	2016		2015		2016	
2a2 At Least Basic Digital Skills % individuals	60% ↓	10	65%	8	56%	
	2016		2015		2016	
2b1 ICT Specialists⁵ % individuals	4.4% ↑	6	3.9%	8	3.5%	
	2015		2014		2015	
2b2 STEM Graduates Per 1000 individuals (aged 20-29)	14 →	24	14	21	19	
	2014		2013		2014	

2 Human Capital	Estonia		Cluster	EU
	rank	score	score	score
DESI 2017	10	0.58	0.68	0.55
DESI 2016	9	0.58	0.66	0.53

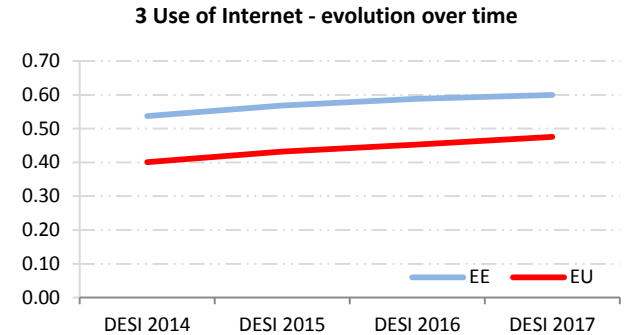
2 Human Capital - evolution over time



3) Internetikasutus: Eestlased kasutavad internetti rohkem kui ELi keskmine. E-panganduse kasutuselevõtu määr on üks ELi kõrgemaid (90%).

	Estonia				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
3a1 News	89%	↓ 3	91%	2	70%
% individuals who used Internet in the last 3 months	2016		2015		2016
3a2 Music, Videos and Games⁶	84%	9	NA		78%
% individuals who used Internet in the last 3 months	2016		2016		2016
3a3 Video on Demand⁷	24%	9	NA		21%
% individuals who used Internet in the last 3 months	2016		2016		2016
3b1 Video Calls	47%	↑ 12	46%	8	39%
% individuals who used Internet in the last 3 months	2016		2015		2016
3b2 Social Networks	66%	↑ 20	63%	20	63%
% individuals who used Internet in the last 3 months	2016		2015		2016
3c1 Banking	90%	↓ 4	91%	2	59%
% individuals who used Internet in the last 3 months	2016		2015		2016
3c2 Shopping	64%	↓ 13	66%	10	66%
% internet users (last year)	2016		2015		2016

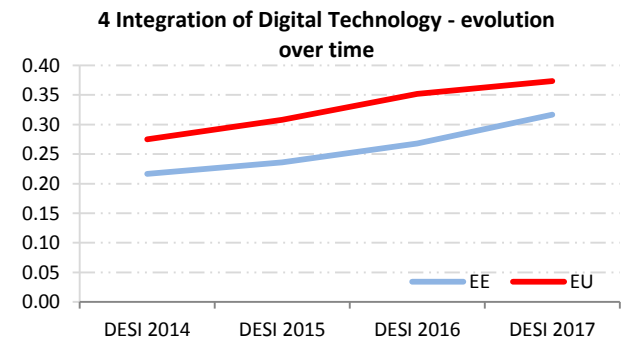
3 Use of Internet	Estonia		Cluster	EU
	rank	score	score	score
DESI 2017	6	0.60	0.60	0.48
DESI 2016	5	0.59	0.57	0.45



4) Digitehnoloogia integreerimine: paljud Eesti ettevõtjad kasutavad e-arveid ja pilvandmeside teenuseid. Üldiselt jääb Eesti ettevõtluse digiteerimises siiski ELi keskmisest maha. Selle peamiseks põhjuseks on madalad näitajad teabe elektroonilise jagamise ning sotsiaalmeedia ja RFID kasutamise osas.

	Estonia				EU
	DESI 2017		DESI 2016		DESI 2017
	value	rank	value	rank	value
4a1 Electronic Information Sharing	22%	23	22%	23	36%
% enterprises	2015		2015		2015
4a2 RFID	2.7%	25	2.7%	25	3.9%
% enterprises	2014		2014		2014
4a3 Social Media	12%	↑ 23	9%	25	20%
% enterprises	2016		2015		2016
4a4 eInvoices	19%	↑ 12	14%	11	18%
% enterprises	2016		2015		2016
4a5 Cloud	17%	8	NA		13%
% enterprises	2016		2015		2016
4b1 SMEs Selling Online	15%	↑ 16	12%	19	17%
% SMEs	2016		2015		2016
4b2 eCommerce Turnover	10.7%	↑ 8	8.1%	15	9.4%
% SME turnover	2016		2015		2016
4b3 Selling Online Cross-border	6.1%	19	6.1%	19	7.5%
% SMEs	2015		2015		2015

4 Integration of Digital Technology	Estonia		Cluster	EU
	rank	score	score	score
DESI 2017	20	0.32	0.44	0.37
DESI 2016	21	0.27	0.41	0.35

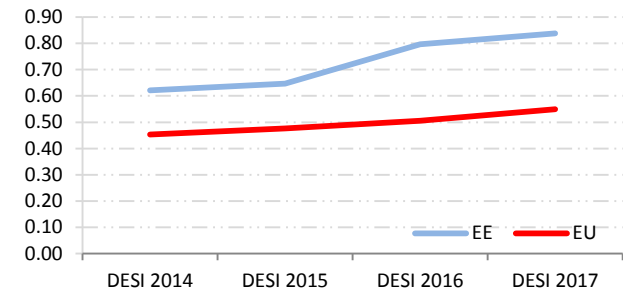


5) Avalikud digiteenused: Eesti on e-valitsuse kasutamisel Euroopa liider. Peale selle on Eesti avalike digiteenuste kvaliteedi vallas kogu ELis teisel kohal. Avatud andmete valdkonnas on Eesti näitajad pisut paranenud, kuid jäävad siiski ELi keskmisele alla.

	Estonia				EU	
	DESI 2017 value	rank	DESI 2016 value	rank	DESI 2017 value	
5a1 eGovernment Users % internet users (last year)	78% ↓	1	80%	1	34%	
5a2 Pre-filled Forms Score (0 to 100)	89 ↓	2	95	1	49	
5a3 Online Service Completion Score (0 to 100)	97 ↑	2	96	4	82	
5a4 Open Data⁸ % of maximum score	55% ↑	17	29%	23	59%	

5 Digital Public Services	Estonia		Cluster	EU
	rank	score	score	score
DESI 2017	1	0.84	0.59	0.55
DESI 2016	2	0.80	0.57	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.