



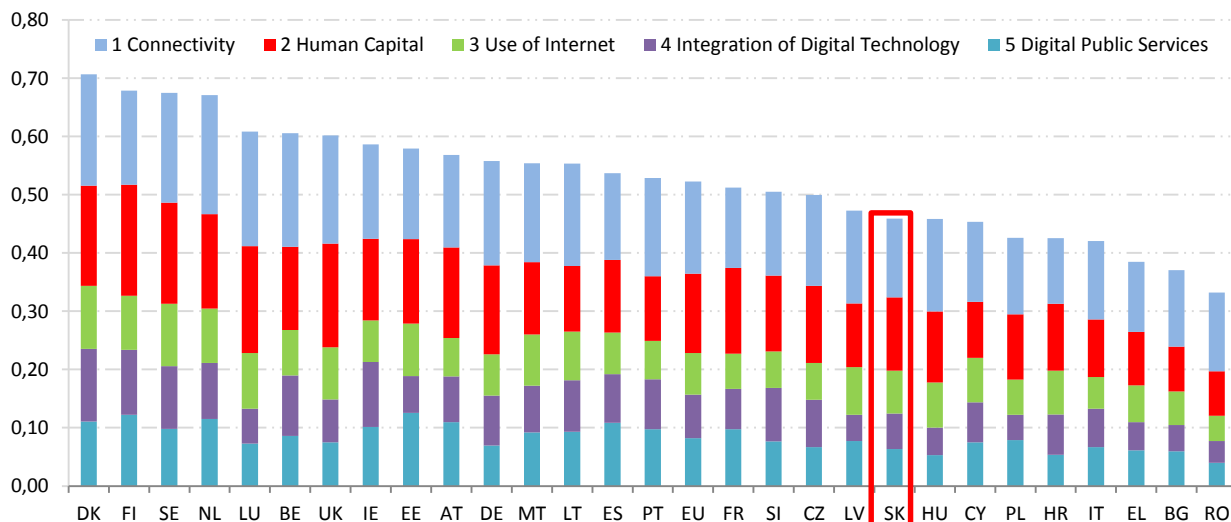
Slovensko v indexe DESI za rok 2017 obsadilo 20. priečku. Napreduje a dosahuje výrazný pokrok vo väčšine oblastí s výnimkou pripojenia na internet a integrácie digitálnych technológií. Výrazne sa rozšírilo využívanie mobilného širokopásmového pripojenia a zlepšili sa digitálne verejné služby, a to aj vďaka čerpaniu prostriedkov zo štrukturálnych fondov na nové inovatívne projekty.

Index digitálnej ekonomiky a spoločnosti je zložený index na meranie pokroku v oblasti digitálnych technológií prostredníctvom piatich zložiek:

| | |
|--------------------------------------|--|
| 1 Pripojenie na internet | pevné širokopásmové pripojenie, mobilné širokopásmové pripojenie, rýchlosť a cena širokopásmového pripojenia |
| 2 Ľudský kapitál | používanie internetu, základné a pokročilé digitálne zručnosti |
| 3 Používanie internetu | využívanie internetového obsahu, komunikácie a online transakcií občanmi |
| 4 Integrácia digitálnych technológií | digitalizácia podnikania a elektronický obchod |
| 5 Digitálne verejné služby | elektronická štátna správa |

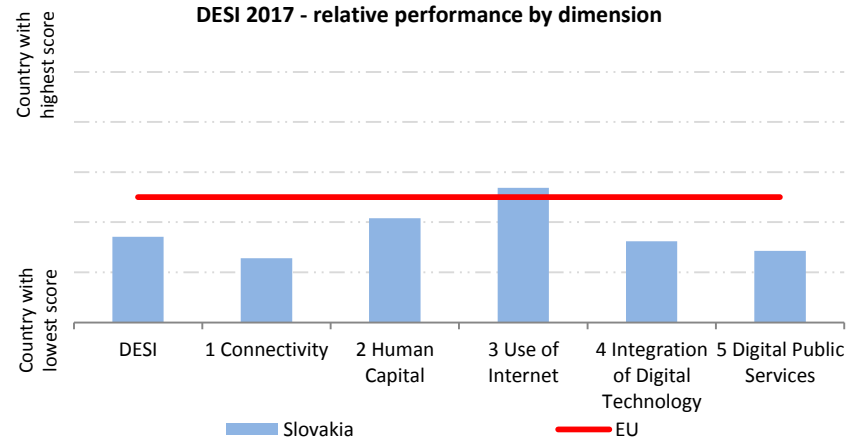
Umiestnenie podľa skupín: Slovenská republika patrí do skupiny krajín so slabšími výsledkami.

Digital Economy and Society Index (DESI) 2017 ranking

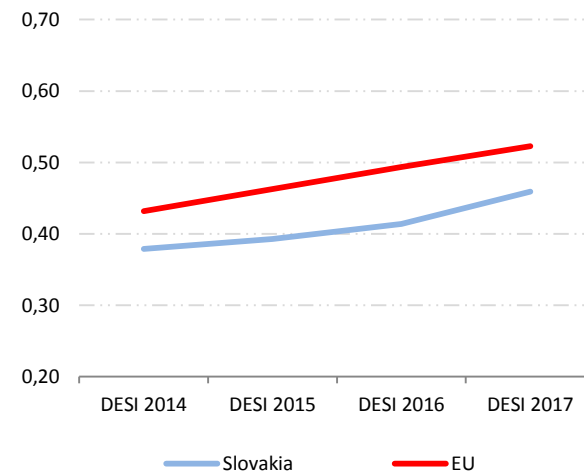


| | Slovakia | | Cluster | EU |
|------------------------|----------|-------|---------|-------|
| | rank | score | score | score |
| DESI 2017 | 20 | 0.46 | 0.41 | 0.52 |
| DESI 2016 ¹ | 22 | 0.41 | 0.38 | 0.49 |

DESI 2017 - relative performance by dimension



DESI - evolution over time

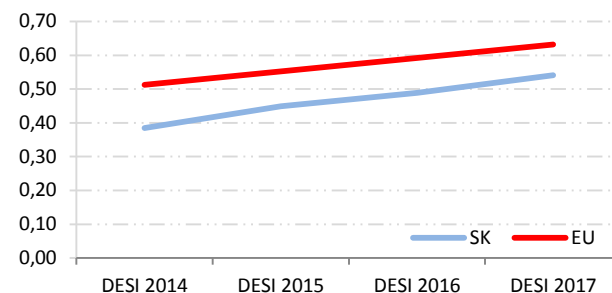


1) Pripojenie na internet: Hoci celkové výsledky Slovenska v oblasti pripojenia na internet do určitej miery stagnujú, viaceré ukazovatele zlepšili. Napríklad sa v minulom roku rozšírilo využívanie mobilného širokopásmového pripojenia a pokrytie prístupovými sieťami novej generácie.

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

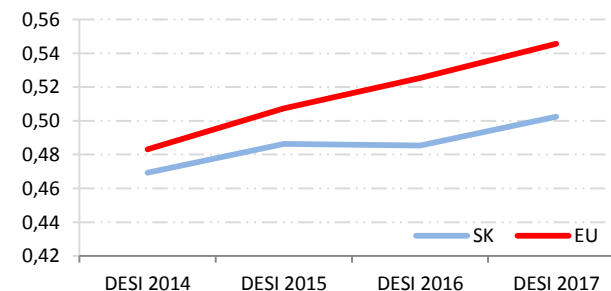


2) Ľudský kapitál: 78 % všetkých občanov Slovenska používa internet a 55 % všetkých osôb má aspoň základné digitálne zručnosti. Pokrok pri dobiehaní ostatných krajín EÚ v tejto oblasti je však pomalý.

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

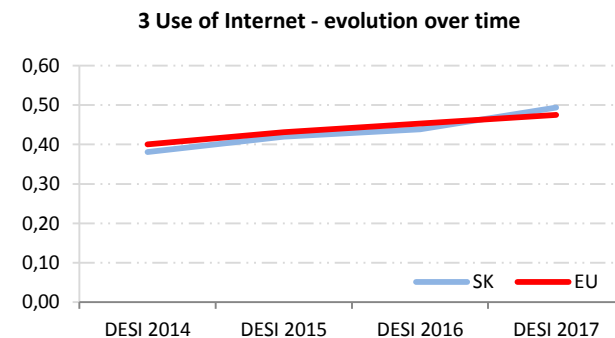
2 Human Capital - evolution over time



3) Používanie internetu: Počas uplynulého roka sa zvýšil počet slovenských občanov, ktorí používali internet na čítanie správ, počúvanie hudby, sledovanie filmov a televíznych programov, na telefonovanie alebo využívanie sociálnych médií. Slováci sú mimoriadne aktívnymi používateľmi videohovorov (piate miesto v indexe DESI 2017) a veľmi aktívne nakupujú online (desiata priečka).

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

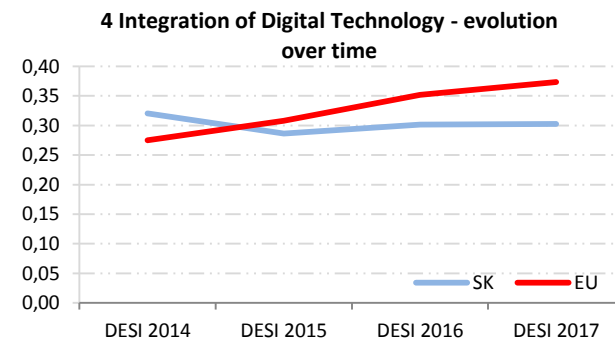
| 3 Use of Internet | Slovakia | | Cluster | EU |
|-------------------|----------|-------|---------|-------|
| | rank | score | score | score |
| DESI 2017 | 15 | 0.49 | 0.39 | 0.48 |
| DESI 2016 | 17 | 0.44 | 0.37 | 0.45 |



4) Integrácia digitálnych technológií: Slovenské podniky sú pri osvojovaní si digitálnych technológií na zlepšenie produktivity alebo predaja pomalé. Výsledky Slovenska v tejto oblasti sú vo všetkých smeroch podpriemerné.

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

| 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 |

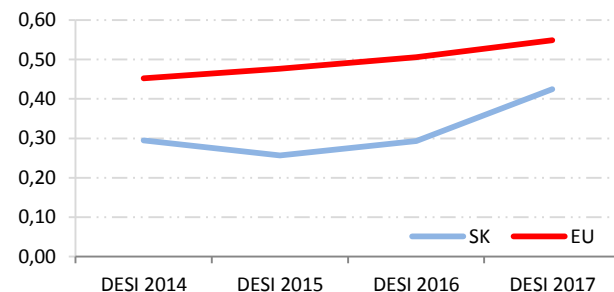


5) Digitálne verejné služby: V oblasti digitalizácie verejných služieb Slovensko rýchlo napreduje, no stále je pod priemerom EÚ. Polepšilo si najmä vo využívaní otvorených údajov a medzi krajinami EÚ sa posunulo z 15. na deviate miesto.

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

| 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.