

# Serbia Profile (2018)

## Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	27.605
Mobile-cellular subscriptions per 100 inhabitants	97.5831
Fixed (wired)-broadband subscriptions per 100 inhabitants	17.4377
Mobile-broadband subscriptions per 100 inhabitants	67.0245
Households with a computer (%)	72.0878
Households with Internet access at home (%)	72.906
Individuals using the Internet (%)	73.3607

## Regulatory Authority (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Dr Vladica Tintor
Please provide the exact title of the Head of the Regulatory Authority.	Director
Name of the telecom/ICT regulator	Regulatory Agency for Electronic Communications and Postal Services (RATEL)

## Policy Maker (Latest data available: 2018)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Ministry of Trade, Tourism and Telecommunications
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## Level of Competition (Latest data available: 2018)

Cable modem	C
Cable Television	C
Data2012	C
Domestic fixed long distance	C
Fixed Satellite Services (FSS)	C
Fixed Wireless Broadband	C
GMPCS (FSS/MSS)	
IMT (3G, 4G, etc.)	C
International Gateways	C
International Fixed Long Distance	C
Internet Services	C
Leased Lines	C
Wireless Local Loop	N
Local Fixed Line Services	C
Mobile	C
Mobile Satellite Services (MSS)	C
Paging2006	P
VSAT	C
DSL	C

M: Monopoly  
P: Partial competition (year when competition was introduced)  
C: Full competition (year when competition was introduced)  
N: N/A

### Institutional Details (Latest data available: 2018)

<b>Regulator autonomous in decision making</b>	Yes
<b>Who is responsible for approving the budget of the Regulator? [2010]</b>	Government
<b>Legal document creating the regulator</b>	Telecommunications Law (2003), Law on Electronic Communications (2010)
<b>Sources of regulator's budget and % financed from each source</b>	<ul style="list-style-type: none"> <li>• Licence fees, percentage;</li> <li>• Numbering fees, percentage;</li> <li>• Spectrum fees, percentage;</li> </ul>
<b>Regulator also regulates other utilities</b>	
<b>Reporting requirements of the regulator</b>	<ul style="list-style-type: none"> <li>• Report to Board of ICT regulator</li> <li>• Report to Legislature/Parliament</li> </ul>
<b>Year separate regulator created</b>	2005

### Structure Regulator (Latest data available: 2018)

<b>Please provide the name of the Head of the Regulatory Authority</b>	Dr Vladica Tintor
<b>Please provide the exact title of the Head of the Regulatory Authority.</b>	Director
<b>Regulator is a collegial body</b>	Yes
<b>If Yes, please provide the total number of members/commissioners (including the Head). [2012]</b>	6
<b>Is the Head of the Commission also responsible for day-to-day administrative matters?</b>	No
<b>What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2010]</b>	3, 4, 5 years
<b>Please provide the total number of staff in the Regulatory Authority.</b>	132

### Regulatory Functions (Latest data available: 2018)

<b>Entity in charge of licensing</b>	S R	
<b>Entity in charge of interconnection rates</b>	R Op	
<b>Entity in charge of price regulation</b>	R	
<b>Entity in charge of technical standards setting</b>	S R	
<b>Entity in charge of radio frequency allocation and assignment</b>	S R	
<b>Spectrum Monitoring and Enforcement</b>	S R	
<b>Entity in charge of numbering</b>	R	
<b>Entity in charge of type approval</b>	R	
<b>Entity in charge of service quality monitoring</b>	S R	
<b>Entity in charge of universal service/access</b>	R	
<b>Quality of service standards setting</b>	M*	M: Institute for Standardization of Serbia
<b>Entity in charge of enforcement of quality of service obligations</b>	S R	
<b>Broadcasting (sound transmission)</b>	R	
<b>Entity in charge of broadcasting content</b>	R	
<b>Entity in charge of Information Technology</b>	S	

<b>Entity in charge of Internet content</b>	M*	M: Special Prosecution Office for High Tech Crime of the Republic of Serbia
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S: Sector Ministry  
O: Other Ministry or Government body  
R: Regulatory Authority  
Op: Operator  
N: Not regulated  
M: If more than one entity or another body is involved in this function, please explain

### Universal Service - services covered and operator obligations (Latest data available: 2018)

<b>Definition of universal service/access exists</b>	Yes
<b>Universal access/service policy adopted</b>	Yes
<b>Voice services included in Universal service/access definition</b>	<ul style="list-style-type: none"> <li>• Fixed line private residential service as part of universal service definition</li> <li>• Fixed line public payphone service as part of universal service definition</li> </ul>
<b>Internet services included in Universal service/access definition</b>	• Broadband as part of universal service definition
<b>Other services included in Universal service/access definition</b>	• Services for impaired/ elderly
<b>Operators under universal access/service obligation</b>	• Designated US Provider
<b>Operators/service providers required to offer below-cost prices</b>	No

### Financing of Universal Service activities and/or Universal Service Funds (Latest data available: 2018)

<b>Means of financing operator(s) universal access/service obligations</b>	• Cross-subsidy between own services
<b>Other financing mechanisms for the provision of Universal service</b>	No
<b>If Yes, please explain</b>	
<b>Operational Universal Service Fund</b>	No
<b>If Yes, when?</b>	2019
<b>Operators/ service providers required to contribute to USF</b>	
<b>Means of calculating USF contribution amounts</b>	
<b>USF financed by other sources</b>	
<b>USF budget financing by source (in percentage)</b>	
<b>Regulator administrating USF</b>	Yes
<b>If No, name the entity responsible</b>	

### Interconnection issues (Latest data available: 2018)

<b>Interconnection charging principle adopted</b>	• Symmetric
<b>If asymmetric charging, how it was decided?</b>	

### Approach used to regulate interconnection prices (Latest data available: 2014)

<b>Approach used to regulate fixed termination rates</b>	FDC
<b>Approach used to regulate mobile termination rates</b>	

LRIC: LRIC cost model  
FDC: FDC cost model  
B: Benchmarking  
O: Other  
N: None

## NGN (Latest data available: 2018)

**Stage of introduction of NGN system by operators** • Implementation

**Cost model used (or planned) to calculate costs/tariffs of NGN Services** • FDHC model

## NGN - Regulation of IP networks (Latest data available: 2018)

**Regulations that govern the use of IP networks for Data Services** No

**Regulations that govern the use of IP networks for Voice Services** No

USO: Regulatory arrangements subject to universal service obligations

I: Regulatory interconnection arrangements with networks using switching circuits

B: Banning of services based on IP

No: No regulatory arrangements defined at present

O: Other