

Estonia Profile (2018)

Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	26.1308
Mobile-cellular subscriptions per 100 inhabitants	145.438
Fixed (wired)-broadband subscriptions per 100 inhabitants	33.3484
Mobile-broadband subscriptions per 100 inhabitants	146.715
Households with a computer (%)	86.9054
Households with Internet access at home (%)	90.4849
Individuals using the Internet (%)	89.357

Regulatory Authority (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Kaur Kajak
Please provide the exact title of the Head of the Regulatory Authority.	Director General
Name of the telecom/ICT regulator	Estonian Technical Regulatory Authority

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 Economic Affairs and Communications
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Level of Competition (Latest data available: 2018)

Cable modem	C*
Cable Television	C*
Data2008	C
Domestic fixed long distance	C*
Fixed Satellite Services (FSS)	N
Fixed Wireless Broadband	C*
GMPCS (FSS/MSS)2007	C
IMT (3G, 4G, etc.)	C*
International Gateways	C*
International Fixed Long Distance	C*
Internet Services	C*
Leased Lines	C*
Wireless Local Loop	C*
Local Fixed Line Services	C*
Mobile	C*
Mobile Satellite Services (MSS)	N
Paging2005	C
VSAT	N
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)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2008]	Parliament (budget is part of the State Budget)
Legal document creating the regulator	Electronic communications act 2005 amended 200715
Sources of regulator's budget and % financed from each source	• Government appropriation, percentage: 100%,
Regulator also regulates other utilities	• Yes If Yes, specify utilities regulated: electricity, gas, posts, railway, general competition.,
Reporting requirements of the regulator	• Annual report to Sector Ministry
Year separate regulator created	2008

Structure Regulator (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	Kaur Kajak
Please provide the exact title of the Head of the Regulatory Authority.	Director General
Regulator is a collegial body	No
If Yes, please provide the total number of members/commissioners (including the Head).	
Is the Head of the Commission also responsible for day-to-day administrative matters?	
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2008]	Unlimited
Please provide the total number of staff in the Regulatory Authority.	83

Regulatory Functions (Latest data available: 2018)

Entity in charge of licensing	R	
Entity in charge of interconnection rates	R	
Entity in charge of price regulation	R	
Entity in charge of technical standards setting	O M*	M: Estonian Centre for Standardisation
Entity in charge of radio frequency allocation and assignment	S R M*	M: Frequency plan adopted by Minister
Spectrum Monitoring and Enforcement	R	
Entity in charge of numbering	S R M*	M: Numbering plan adopted by Minister
Entity in charge of type approval ²⁰⁰⁸	R	
Entity in charge of service quality monitoring ²⁰¹⁵	R	
Entity in charge of universal service/access	R	
Quality of service standards setting ²⁰¹⁵	Op	
Entity in charge of enforcement of quality of service obligations	R	
Broadcasting (sound transmission)	R	
Entity in charge of broadcasting content	R	
Entity in charge of Information Technology	O R M*	M: Information System Authority
Entity in charge of Internet content ²⁰¹⁵	Op	

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)

Definition of universal service/access exists	Yes
Universal access/service policy adopted	Yes
Voice services included in Universal service/access definition	<ul style="list-style-type: none"> • Voice telephony services • Fixed line public payphone service as part of universal service definition
Internet services included in Universal service/access definition	• Dial-up Internet access as part of universal service definition
Other services included in Universal service/access definition	• Emergency services as part of universal service definition
Operators under universal access/service obligation	• None of the above, please explain: We have not designated universal service provider in Estonia since end of 2011,
Operators/service providers required to offer below-cost prices	No

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

Means of financing operator(s) universal access/service obligations	• Other Explain: not defined,
Other financing mechanisms for the provision of Universal service	No
If Yes, please explain	
Operational Universal Service Fund	No
If Yes, when? [2005]	2006
Operators/ service providers required to contribute to USF	• None of the above, please identify: According to law, if the fund is created, then all operators with turnover above 6 000 000 kroons,
Means of calculating USF contribution amounts	• Percentage of total gross revenues (turnover) Percentage: According to law, if the fund is created, 0,01-1 % of turnover of previous year,
USF financed by other sources	No
USF budget financing by source (in percentage)	
Regulator administrating USF	No
If No, name the entity responsible [2008]	Ministry of Economic Affairs and Communications and Ministry of Finance

Interconnection issues (Latest data available: 2017)

Interconnection charging principle adopted • Symmetric

If asymmetric charging, how it was decided?

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

Approach used to regulate fixed termination rates FDC

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: 2017)

Stage of introduction of NGN system by operators • Implementation

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

NGN - Regulation of IP networks (Latest data available: 2017)

Regulations that govern the use of IP networks for Data Services |

Regulations that govern the use of IP networks for Voice Services |

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