

Finland Profile (2018)

Various statistics (Latest data available: 2018)

| | |
|---|---------|
| Fixed-telephone subscriptions per 100 inhabitants | 5.84872 |
| Mobile-cellular subscriptions per 100 inhabitants | 132.185 |
| Fixed (wired)-broadband subscriptions per 100 inhabitants | 31.4527 |
| Mobile-broadband subscriptions per 100 inhabitants | 156.449 |
| Households with a computer (%) | 87.1571 |
| Households with Internet access at home (%) | 88.9477 |
| Individuals using the Internet (%) | 88.89 |

Regulatory Authority (Latest data available: 2018)

| | |
|---|------------------|
| Please provide the name of the Head of the Regulatory Authority | Kirsi Karlamaa |
| Please provide the exact title of the Head of the Regulatory Authority. | Director General |
| Name of the telecom/ICT regulator | FICORA |

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 Transport and Communications |
|---|--|

Level of Competition (Latest data available: 2018)

| | |
|-----------------------------------|----|
| Cable modem | C* |
| Cable Television | C* |
| Data2014 | C* |
| Domestic fixed long distance | C* |
| Fixed Satellite Services (FSS) | C* |
| Fixed Wireless Broadband | C* |
| GMPCS (FSS/MSS)2010 | P |
| 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) | C* |
| Paging2006 | N |
| 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)

| | |
|--|--|
| Regulator autonomous in decision making | Yes |
| Who is responsible for approving the budget of the Regulator? [2010] | The sector ministry |
| Legal document creating the regulator | Telecommunications Act of 1987 |
| Sources of regulator's budget and % financed from each source | <ul style="list-style-type: none"> • Government appropriation, percentage: 19, • Numbering fees, percentage: , • Spectrum fees, percentage: 70 (including spectrum, numbering, regulatory and turnover based, • Regulatory fees, percentage: , • Other • Other, Source: domain names, percentage: 11, |
| Regulator also regulates other utilities | <ul style="list-style-type: none"> • Yes If Yes, specify utilities regulated: Postal services. Spectrum management. Postal services., |
| Reporting requirements of the regulator | <ul style="list-style-type: none"> • Annual report to Sector Ministry |
| Year separate regulator created | 1987 |

Structure Regulator (Latest data available: 2018)

| | |
|---|------------------|
| Please provide the name of the Head of the Regulatory Authority | Kirsi Karlamaa |
| 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? [2010] | 5 years |
| Please provide the total number of staff in the Regulatory Authority. | 227 |

Regulatory Functions (Latest data available: 2018)

| | |
|---|------|
| Entity in charge of licensing | S R |
| Entity in charge of interconnection rates | R Op |
| Entity in charge of price regulation | R |
| Entity in charge of technical standards setting | R |
| Entity in charge of radio frequency allocation and assignment | R |
| Spectrum Monitoring and Enforcement | R |
| Entity in charge of numbering | R |
| Entity in charge of type approval | R |
| Entity in charge of service quality monitoring | R |
| Entity in charge of universal service/access | R |
| Quality of service standards setting | N |
| Entity in charge of enforcement of quality of service obligations | R |
| Broadcasting (sound transmission) | S R |
| Entity in charge of broadcasting content | N |
| Entity in charge of Information Technology | N |
| Entity in charge of Internet content | N |

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"> • Fixed line private residential service as part of universal service definition • Individual mobile cellular service as part of universal service definition |
| Internet services included in Universal service/access definition | <ul style="list-style-type: none"> • Broadband as part of universal service definition |
| Other services included in Universal service/access definition | <ul style="list-style-type: none"> • Emergency services as part of universal service definition • Services for impaired/ elderly |
| Operators under universal access/service obligation | <ul style="list-style-type: none"> • Designated US Provider |
| 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 | <ul style="list-style-type: none"> • Other Explain: So far no subsidies, but the possibility to get subsidies from the government exist, |
| Other financing mechanisms for the provision of Universal service | No |
| If Yes, please explain [2010] | State subsidies can be applied for in specific cases, when the US obligations constitute an unreasonable financial encumbrance. |
| Operational Universal Service Fund | No |
| If Yes, when? [2009] | 2010 |
| Operators/ service providers required to contribute to USF | |
| Means of calculating USF contribution amounts | |
| USF financed by other sources | |
| USF budget financing by source (in percentage) | |
| Regulator administrating USF | |
| If No, name the entity responsible | |

Interconnection issues (Latest data available: 2018)

| | |
|--|---|
| Interconnection charging principle adopted | <ul style="list-style-type: none"> • Symmetric |
| If asymmetric charging, how it was decided? | |

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

Approach used to regulate fixed termination rates

Approach used to regulate mobile termination rates

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 • Other, please specify: There are dozens of fixed network operators carrying out different types NGN -deployments. The stage of NGN -deployment differs from one operator to another.,

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

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

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