

# Sweden Profile (2018)

## Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	23.9919
Mobile-cellular subscriptions per 100 inhabitants	125.12
Fixed (wired)-broadband subscriptions per 100 inhabitants	39.1349
Mobile-broadband subscriptions per 100 inhabitants	123.028
Households with a computer (%)	92.82
Households with Internet access at home (%)	94.73
Individuals using the Internet (%)	92.1417

## Regulatory Authority (Latest data available: 2016)

Please provide the name of the Head of the Regulatory Authority	Catarina Wretman
Please provide the exact title of the Head of the Regulatory Authority.	Acting General Director
Name of the telecom/ICT regulator	PTS

## Policy Maker (Latest data available: 2016)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Peter Eriksson
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## Level of Competition (Latest data available: 2016)

Cable modem	C
Cable Television	C
Data2005	C
Domestic fixed long distance2014	C
Fixed Satellite Services (FSS)	P
Fixed Wireless Broadband	P
GMPCS (FSS/MSS)2005	C
IMT (3G, 4G, etc.)	P
International Gateways2014	C
International Fixed Long Distance2014	C
Internet Services	C
Leased Lines	C
Wireless Local Loop	C
Local Fixed Line Services	C
Mobile	P
Mobile Satellite Services (MSS)	P
Paging2005	C
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: 2016)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2005]	Parliament
Legal document creating the regulator	The Act on Telecommunications (Telelagen) (1993:957) and The Act on Radio Communications (1993:599)
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> <li>• Licence fees, percentage: 29.9%,</li> <li>• Government appropriation, percentage: 22.4%,</li> <li>• Numbering fees, percentage: 5.9%,</li> <li>• Spectrum fees, percentage: 30%,</li> <li>• Regulated telecom operators • Regulated telecom operators percentage: 29.9%, percentage of operator revenue (turnover): 0.174%,</li> </ul>
Regulator also regulates other utilities	• Yes If Yes, specify utilities regulated: Post (1994),,
Reporting requirements of the regulator	• Annual report to the public
Year separate regulator created	1992

### Structure Regulator (Latest data available: 2016)

Please provide the name of the Head of the Regulatory Authority	Catarina Wretman
Please provide the exact title of the Head of the Regulatory Authority.	Acting General Director
Regulator is a collegial body	No
If Yes, please provide the total number of members/commissioners (including the Head). [2000]	10
Is the Head of the Commission also responsible for day-to-day administrative matters? [2005]	No
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2005]	One year, usually prolonged
Please provide the total number of staff in the Regulatory Authority. [2014]	270

### Regulatory Functions (Latest data available: 2016)

Entity in charge of licensing	O R
Entity in charge of interconnection rates	R
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	N
Entity in charge of service quality monitoring <sup>2014</sup>	N
Entity in charge of universal service/access	R
Quality of service standards setting <sup>2014</sup>	N
Entity in charge of enforcement of quality of service obligations	R
Broadcasting (sound transmission)	O
Entity in charge of broadcasting content	S O
Entity in charge of Information Technology	R
Entity in charge of Internet content <sup>2014</sup>	S

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: 2016)

<b>Definition of universal service/access exists</b>	Yes
<b>Universal access/service policy adopted</b>	No
<b>Voice services included in Universal service/access definition</b>	• Voice telephony services
<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>	• Obligations allocated on competitive basis
<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: 2016)

<b>Means of financing operator(s) universal access/service obligations</b>	• Other Explain: PTS does have some government funding which can be used to procure technical solutions for telephony or functional access (1 Mbit/sec) to the Internet on individual basis in order to make sure that everyone that once have had access to telephony and functional access to the Internet still has access after a technology shift,
<b>Other financing mechanisms for the provision of Universal service</b>	Yes
<b>If Yes, please explain</b>	As mentioned in question 5.1.4. PTS does have some government funding which can be used to procure technical solutions for telephony or functional access (1 Mbit/sec) to the Internet on individual basis in order to make sure that everyone that once have had access to telephony and functional access to the Internet still has access after a technology shift
<b>Operational Universal Service Fund</b>	No
<b>If Yes, when?</b>	
<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>	
<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>	LRIC
<b>Approach used to regulate mobile termination rates</b>	LRIC

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** • Completed

**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** 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