

# Denmark Profile (2018)

## Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	19.6634
Mobile-cellular subscriptions per 100 inhabitants	125.119
Fixed (wired)-broadband subscriptions per 100 inhabitants	44.0593
Mobile-broadband subscriptions per 100 inhabitants	136.707
Households with a computer (%)	89.5484
Households with Internet access at home (%)	97.0007
Individuals using the Internet (%)	97.6443

## Regulatory Authority (Latest data available: 2012)

Please provide the name of the Head of the Regulatory Authority [2010]	Joergen Abild Andersen
Please provide the exact title of the Head of the Regulatory Authority. [2010]	Director General
Name of the telecom/ICT regulator	Danish Business Authority

## Policy Maker (Latest data available: 2010)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Ministry of Science technology and Innovation
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## Level of Competition (Latest data available: 2010)

Cable modem	C
Cable Television	C
Data	C
Domestic fixed long distance	C
Fixed Satellite Services (FSS)	C
Fixed Wireless Broadband	P
GMPCS (FSS/MSS)	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	P
Mobile Satellite Services (MSS)	C
Paging2001	M
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: 2013)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2010]	Parliament
Legal document creating the regulator	-
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> <li>• Government appropriation, percentage: 63,</li> <li>• Regulatory fees, percentage: 1,</li> <li>• Other • Other, Source: Services renders, percentage: 36,</li> </ul>
Regulator also regulates other utilities	
Reporting requirements of the regulator	• Annual report to Sector Ministry
Year separate regulator created	1991

### Structure Regulator (Latest data available: 2010)

Please provide the name of the Head of the Regulatory Authority	Joergen Abild Andersen
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?	No timelimit
Please provide the total number of staff in the Regulatory Authority.	297

### Regulatory Functions (Latest data available: 2010)

Entity in charge of licensing	O R Op	M: The specific responsibility depends on weather the license concerns agreements regarding telecommunication infrastructure or actual content (copyright, broadcasting rights etc.)
Entity in charge of interconnection rates	R Op	
Entity in charge of price regulation	R	
Entity in charge of technical standards setting	R Op	
Entity in charge of radio frequency allocation and assignment	R	
Spectrum Monitoring and Enforcement	R	
Entity in charge of numbering	R Op	
Entity in charge of type approval	Op	
Entity in charge of service quality monitoring	R Op	
Entity in charge of universal service/access	Op	
Quality of service standards setting	R Op	
Entity in charge of enforcement of quality of service obligations	R Op	
Broadcasting (sound transmission)	O Op	
Entity in charge of broadcasting content	O	
Entity in charge of Information Technology	O	
Entity in charge of Internet content	O	

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: 2010)

<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> </ul>
<b>Internet services included in Universal service/access definition</b>	<ul style="list-style-type: none"> <li>• Dial-up Internet access as part of universal service definition</li> </ul>
<b>Other services included in Universal service/access definition</b>	<ul style="list-style-type: none"> <li>• Emergency services as part of universal service definition</li> <li>• Services for impaired/ elderly</li> <li>• Directory services as part of universal service definition</li> <li>• Telecentres as part of universal service definition Explain: Radio based maritime distress and safety communications services,</li> </ul>
<b>Operators under universal access/service obligation</b>	<ul style="list-style-type: none"> <li>• Obligations allocated on competitive basis</li> </ul>
<b>Operators/service providers required to offer below-cost prices</b>	Yes

### Financing of Universal Service activities and/or Universal Service Funds (Latest data available: 2010)

<b>Means of financing operator(s) universal access/service obligations</b>	<ul style="list-style-type: none"> <li>• Other Explain: Cross subsidy between the USO services that the given provider is allocated, with a possible net loss financed either by the sector or by the state, depending on which services yield losses.,</li> </ul>
<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? [2005]</b>	n/a
<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: 2012)

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

### Approach used to regulate interconnection prices (Latest data available: 2012)

<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: 2012)

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

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

### NGN - Regulation of IP networks (Latest data available: 2012)

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

**Regulations that govern the use of IP networks for Voice Services** I

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