

# Luxembourg Profile (2018)

## Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	45.2681
Mobile-cellular subscriptions per 100 inhabitants	132.165
Fixed (wired)-broadband subscriptions per 100 inhabitants	37.1207
Mobile-broadband subscriptions per 100 inhabitants	94.0016
Households with a computer (%)	95.4159
Households with Internet access at home (%)	92.9858
Individuals using the Internet (%)	97.0613

## Regulatory Authority (Latest data available: 2014)

Please provide the name of the Head of the Regulatory Authority	Paul Schuh
Please provide the exact title of the Head of the Regulatory Authority.	Directeur
Name of the telecom/ICT regulator	Institut Luxembourgeois de Régulation

## Policy Maker (Latest data available: 2014)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Ministère d'État - Service des Médias et des Communications
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## Level of Competition (Latest data available: 2014)

Cable modem	C*
Cable Television	C*
Data	C*
Domestic fixed long distance	C*
Fixed Satellite Services (FSS)	C*
Fixed Wireless Broadband	C*
GMPCS (FSS/MSS)2010	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)	C*
Paging2006	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: 2014)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2010]	Conseil d'administration de l'Institut
Legal document creating the regulator	Loi modifiée du 30 mai 2005 portant: 1) organisation de l'Institut Luxembourgeois de Régulation
Sources of regulator's budget and % financed from each source	<ul style="list-style-type: none"> <li>• Numbering fees, percentage;</li> <li>• Regulatory fees, percentage;</li> <li>• Regulated telecom operators • Regulated telecom operators percentage; percentage of operator revenue (turnover);</li> <li>• Financial income, percentage;</li> </ul>
Regulator also regulates other utilities	• Yes If Yes, specify utilities regulated;
Reporting requirements of the regulator	• Other Indicate: Rapport annuel (incluant rapport financier),
Year separate regulator created	1997

### Structure Regulator (Latest data available: 2014)

Please provide the name of the Head of the Regulatory Authority	Paul Schuh
Please provide the exact title of the Head of the Regulatory Authority.	Directeur
Regulator is a collegial body	Yes
If Yes, please provide the total number of members/commissioners (including the Head). [2013]	3
Is the Head of the Commission also responsible for day-to-day administrative matters?	Yes
What is the normal period of appointment for the members and the Head of the Regulatory Authority? [2010]	5 ans - les nominations sont renouvelables une fois
Please provide the total number of staff in the Regulatory Authority.	55

### Regulatory Functions (Latest data available: 2014)

Entity in charge of licensing	S R
Entity in charge of interconnection rates	R
Entity in charge of price regulation	R N
Entity in charge of technical standards setting	O
Entity in charge of radio frequency allocation and assignment	S
Spectrum Monitoring and Enforcement	R
Entity in charge of numbering	R
Entity in charge of type approval	O
Entity in charge of service quality monitoring	R
Entity in charge of universal service/access	S R
Quality of service standards setting	O
Entity in charge of enforcement of quality of service obligations	R
Broadcasting (sound transmission)	S
Entity in charge of broadcasting content	O
Entity in charge of Information Technology	S
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: 2012)

<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>	• Fixed line private residential service as part of universal service definition
<b>Internet services included in Universal service/access definition</b>	• Dial-up Internet access as part of universal service definition
<b>Other services included in Universal service/access definition</b>	• Emergency services as part of universal service definition • Directory services as part of universal service definition • Telecentres as part of universal service definition Explain: Fourniture de renseignements téléphoniques,
<b>Operators under universal access/service obligation</b>	• All operators
<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: 2012)

<b>Means of financing operator(s) universal access/service obligations</b>	• Universal service funds
<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>	
<b>Operators/ service providers required to contribute to USF</b>	• All operators • None of the above, please identify: Notified enterprises,
<b>Means of calculating USF contribution amounts</b>	
<b>USF financed by other sources</b>	No
<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: 2017)

<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: )

**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: 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: )

**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