

Spain Profile (2018)

Various statistics (Latest data available: 2018)

Fixed-telephone subscriptions per 100 inhabitants	42.0826
Mobile-cellular subscriptions per 100 inhabitants	115.871
Fixed (wired)-broadband subscriptions per 100 inhabitants	32.0318
Mobile-broadband subscriptions per 100 inhabitants	98.4758
Households with a computer (%)	79.5
Households with Internet access at home (%)	86.4
Individuals using the Internet (%)	86.1072

Regulatory Authority (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	José María Marín Quemada
Please provide the exact title of the Head of the Regulatory Authority.	Presidente de la Comisión Nacional de los Mercados y la Competencia (CNMC)
Name of the telecom/ICT regulator	Comisión Nacional de los Mercados y la Competencia

Policy Maker (Latest data available: 2018)

Please provide the name and contact details of the main Policy-Maker in charge of telecommunications/ICTs	Ministerio de Energía, Turismo y Agenda Digital
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Level of Competition (Latest data available: 2018)

Cable modem	C
Cable Television	C
Data2015	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
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: 2018)

Regulator autonomous in decision making	Yes
Who is responsible for approving the budget of the Regulator? [2010]	El regulador elabora el anteproyecto de presupuesto, que es finalmente aprobado por el Gobierno
Legal document creating the regulator	Ley 3/2013, de 4 de junio, de creación de la Comisión Nacional de los Mercados y la Competencia
Sources of regulator's budget and % financed from each source	• Government appropriation, percentage: 100%,
Regulator also regulates other utilities	
Reporting requirements of the regulator	<ul style="list-style-type: none"> • Annual report to the public • Report to Legislature/Parliament • Other Indicate: Informes sobre iniciativas legales relacionadas con el sector de las telecomunicaciones,
Year separate regulator created	2013

Structure Regulator (Latest data available: 2018)

Please provide the name of the Head of the Regulatory Authority	José María Marín Quemada
Please provide the exact title of the Head of the Regulatory Authority.	Presidente de la Comisión Nacional de los Mercados y la Competencia (CNMC)
Regulator is a collegial body	Yes
If Yes, please provide the total number of members/commissioners (including the Head). [2012]	7
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]	6
Please provide the total number of staff in the Regulatory Authority.	489

Regulatory Functions (Latest data available: 2018)

Entity in charge of licensing	S	
Entity in charge of interconnection rates	R	
Entity in charge of price regulation	R M*	M: Los mercados de comunicaciones electrónicas al por menor no están regulados, salvo los servicios de acceso a la red telefónica pública en una ubicación fija, cuyo abono mensual está sujeto a un precio máximo establecido por la CNMC. Existen diversas tarifas mayoristas reguladas (Ej. tarifas de terminación fija y móvil)
Entity in charge of technical standards setting	S	
Entity in charge of radio frequency allocation and assignment	S	
Spectrum Monitoring and Enforcement	S	
Entity in charge of numbering	S M*	M: La CNMC tendría competencias en materia de portabilidad numérica
Entity in charge of type approval	S	
Entity in charge of service quality monitoring	S M*	M: Las competencias generales en calidad de servicio las tiene el Ministerio del sector. El regulador tiene competencia únicamente respecto a los servicios mayoristas regulados.
Entity in charge of universal service/access	S R M*	M: La CNMC garantiza la adecuada financiación de las obligaciones de servicio público impuestas a los operadores, incluidas las de prestación de servicio universal, siendo la encargada del cálculo del coste neto del Servicio Universal

Quality of service standards setting	S M*	M: Las competencias generales en calidad de servicio las tiene el Ministerio del sector. El regulador tiene competencia únicamente respecto a los servicios mayoristas regulados.
Entity in charge of enforcement of quality of service obligations	S	
Broadcasting (sound transmission)	S	
Entity in charge of broadcasting content	R	
Entity in charge of Information Technology	S O	
Entity in charge of Internet content	N M*	M: La Autoridad Reguladora es competente del contenido de Internet en los casos concretos que establecen en la Ley 7/2010, de 31 de marzo, General de la Comunicación Audiovisual.

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 • Fixed line public payphone service as part of universal service definition
Internet services included in Universal service/access definition	<ul style="list-style-type: none"> • Dial-up Internet access as part of universal service definition • 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 • Directory services as part of universal service definition • Telecentres as part of universal service definition Explain: opciones y paquetes de tarifas para personas con necesidades sociales especiales,
Operators under universal access/service obligation	• Designated US Provider
Operators/service providers required to offer below-cost prices	Yes

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

Means of financing operator(s) universal access/service obligations	• Universal service funds
Other financing mechanisms for the provision of Universal service	Yes
If Yes, please explain	Existen mecanismos de financiación para la mejora de la conectividad a través de ayudas de estado pero se considera un ámbito distinto al del Servicio Universal
Operational Universal Service Fund	Yes
If Yes, when? [2008]	La Comisión del Mercado de las Telecomunicaciones prevee que el Fondo de Servicio Univeral entre en funcionamiento a lo largo del último trimestre de 2008.
Operators/ service providers required to contribute to USF	• None of the above, please identify: La CNMC determina los operadores que deben contribuir, así como la aportación de cada uno. A partir de la entrada en vigor de la Ley 9/2014 General de Telecomunicaciones, los operadores que deben contribuir son aquellos que superen la cifra de 100 millones de ingresos brutos de explotación.,
Means of calculating USF contribution amounts	• Other Indicate: La contribución de cada operador es proporcional a los ingresos brutos de explotación minorados por los pagos por mayoristas que se refleja en la base de reparto.,

USF financed by other sources	No
USF budget financing by source (in percentage)	
Regulator administrating USF	Yes
If No, name the entity responsible	

Interconnection issues (Latest data available: 2018)

Interconnection charging principle adopted	• Symmetric
If asymmetric charging, how it was decided?	Due to differences in economies of scale between SMP operator and alternatives.

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

Approach used to regulate fixed termination rates	LRIC
Approach used to regulate mobile termination rates	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	• Other please specify: Modelo BU-LRIC conciliados con top-down costes corrientes totalmente distribuidos.,

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

Regulations that govern the use of IP networks for Data Services	I O*	O: Obligación acceso conducto y postes + acceso "verticales" del edificio.
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