


Region	Country	Operator	LTE	LTE-Advanced	LTE-Advanced Pro	5G
Western Europe			88	69	1	20
	Andorra	Total	1	0	0	0
	Andorra	Andorra Telecom	1	0	0	0
	Austria	Total	3	3	0	2
	Austria	A1 Telekom Austria	1	1	0	1
	Austria	Hutchison Drei Austria	1	1	0	1
	Austria	T-Mobile Austria (Magenta Telekom)	1	1	0	0
	Belgium	Total	3	3	0	0
	Belgium	Orange Belgium	1	1	0	0
	Belgium	Proximus	1	1	0	0
	Belgium	Telenet (incl. BASE)	1	1	0	0
	Denmark	Total	5	4	0	0
	Denmark	Hi3G Access (3)	1	1	0	0
	Denmark	Net 1 Denmark	1	0	0	0
	Denmark	TDC (YouSee)	1	1	0	0
	Denmark	Telenor Denmark	1	1	0	0
	Denmark	Telia Denmark	1	1	0	0
	Finland	Total	5	3	0	3
	Finland	Aland Telecommunications (Alcom)	1	0	0	0
	Finland	DNA Finland	1	1	0	1
	Finland	Elisa Corporation	1	1	0	1
	Finland	Telia Finland (formerly Sonera)	1	1	0	1
	Finland	Ukkovertkot (Ukko Mobile)	1	0	0	0
	France	Total	4	4	0	0
	France	Altice France (SFR)	1	1	0	0
	France	Bouygues Telecom	1	1	0	0
	France	Free Mobile (Iliad)	1	1	0	0
	France	Orange France	1	1	0	0
	Germany	Total	3	3	0	2
	Germany	Telefonica Deutschland Holding	1	1	0	0
	Germany	Telekom Deutschland	1	1	0	1
	Germany	Vodafone Germany	1	1	0	1
	Greece	Total	3	3	0	0
	Greece	Cosmote	1	1	0	0
	Greece	Vodafone Greece (incl. Hellas Online)	1	1	0	0
	Greece	Wind Hellas (incl. Tellas)	1	1	0	0
	Greenland	Total	1	0	0	0
	Greenland	TELE Greenland	1	0	0	0
	Guernsey	Total	3	2	0	0
	Guernsey	Guernsey Airtel Limited (Airtel-Vodafone)	1	0	0	0
	Guernsey	JT Guernsey (formerly Wave Telecom)	1	1	0	0
	Guernsey	Sure Guernsey (formerly Guernsey Telecom)	1	1	0	0
	Iceland	Total	3	3	0	0
	Iceland	Nova (Iceland)	1	1	0	0
	Iceland	Siminn (Iceland Telecom)	1	1	0	0

Iceland	Vodafone Iceland (Syn)	1	1	0	0
Ireland	Total	3	2	0	2
Ireland	eir Mobile (formerly Meteor Mobile)	1	0	0	1
Ireland	Hutchison 3G Ireland (Three Ireland)	1	1	0	0
Ireland	Vodafone Ireland	1	1	0	1
Isle of Man	Total	2	1	0	0
Isle of Man	Manx Telecom	1	0	0	0
Isle of Man	Sure (Isle of Man)	1	1	0	0
Italy	Total	4	4	1	2
Italy	Iliad (Italy)	1	1	0	0
Italy	Telecom Italia (TIM)	1	1	0	1
Italy	Vodafone Italy	1	1	1	1
Italy	Wind Tre	1	1	0	0
Jersey	Total	3	1	0	0
Jersey	Jersey Airtel Limited (Airtel-Vodafone)	1	0	0	0
Jersey	JT Jersey (formerly Jersey Telecom)	1	1	0	0
Jersey	Sure Jersey (formerly Cable & Wireless)	1	0	0	0
Liechtenstein	Total	3	0	0	0
Liechtenstein	Salt Liechtenstein (7acht)	1	0	0	0
Liechtenstein	Swisscom (Liechtenstein)	1	0	0	0
Liechtenstein	Telecom Liechtenstein (FL1)	1	0	0	0
Luxembourg	Total	3	3	0	0
Luxembourg	Orange Luxembourg	1	1	0	0
Luxembourg	Post Luxembourg (formerly LuxGSM)	1	1	0	0
Luxembourg	Tango (Luxembourg)	1	1	0	0
Malta	Total	3	3	0	0
Malta	GO (formerly Maltacom)	1	1	0	0
Malta	Melita	1	1	0	0
Malta	Vodafone Malta	1	1	0	0
Monaco	Total	1	1	0	1
Monaco	Monaco Telecom	1	1	0	1
Netherlands	Total	5	5	0	0
Netherlands	KPN	1	1	0	0
Netherlands	T-Mobile Netherlands	2	2	0	0
Netherlands	Tele2 NL (part of T-Mobile Netherlands)	1	1	0	0
Netherlands	VodafoneZiggo	1	1	0	0
Norway	Total	3	2	0	0
Norway	ice (formerly ice.net)	1	0	0	0
Norway	Telenor Norge	1	1	0	0
Norway	Telia Norge (formerly NetCom)	1	1	0	0
Portugal	Total	3	3	0	1
Portugal	Nos	1	1	0	1
Portugal	PT Portugal (MEO)	1	1	0	0
Portugal	Vodafone Portugal	1	1	0	0
San Marino	Total	1	1	0	0
San Marino	Telefonia Mobile Sammarinese (TMS)	1	1	0	0
Spain	Total	5	3	0	1

Spain	Euskaltel Group (incl. R Cable and Telecable)	1	0	0	0
Spain	Grupo MASMOVIL (incl. Yoigo)	1	0	0	0
Spain	Orange Espana (incl. Jazztel)	1	1	0	0
Spain	Telefonica Espana (Movistar)	1	1	0	0
Spain	Vodafone Spain	1	1	0	1
Svalbard and Jan Mayen Is. Total		2	0	0	0
Svalbard and Jan Mayen Is.	Telenor Svalbard	1	0	0	0
Svalbard and Jan Mayen Is.	Telia Norge (Svalbard)	1	0	0	0
Sweden Total		6	5	0	0
Sweden	Net1 Sweden	1	0	0	0
Sweden	Tele2 Sweden	1	1	0	0
Sweden	Telenor Sweden	1	1	0	0
Sweden	Telia Sweden	1	1	0	0
Sweden	Tre Sweden (Hi3G Access)	2	2	0	0
Switzerland Total		3	3	0	2
Switzerland	Salt (Switzerland)	1	1	0	0
Switzerland	Sunrise Communications	1	1	0	1
Switzerland	Swisscom	1	1	0	1
United Kingdom Total		4	4	0	4
United Kingdom	EE	1	1	0	1
United Kingdom	Hutchison 3G UK (Three UK)	1	1	0	1
United Kingdom	O2 UK	1	1	0	1
United Kingdom	Vodafone UK	1	1	0	1
3/17/20	 TeleGeography Source: TeleGeography Publication: GlobalComms Database				