


Region	Country	Operator	LTE	LTE-Advanced	5G
<b>Western Europe</b>			<b>88</b>	<b>69</b>	<b>40</b>
	<b>Andorra</b>	<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Andorra	Andorra Telecom	1	0	0
	<b>Austria</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>3</b>
	Austria	A1 Telekom Austria	1	1	1
	Austria	Hutchison Drei Austria	1	1	1
	Austria	T-Mobile Austria (Magenta Telekom)	1	1	1
	<b>Belgium</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>1</b>
	Belgium	Orange Belgium	1	1	0
	Belgium	Proximus	1	1	1
	Belgium	Telenet (incl. BASE)	1	1	0
	<b>Denmark</b>	<b>Total</b>	<b>5</b>	<b>4</b>	<b>1</b>
	Denmark	Hi3G Access (3)	1	1	0
	Denmark	Net 1 Denmark	1	0	0
	Denmark	TDC (YouSee)	1	1	1
	Denmark	Telenor Denmark	1	1	0
	Denmark	Telia Denmark	1	1	0
	<b>Finland</b>	<b>Total</b>	<b>5</b>	<b>3</b>	<b>3</b>
	Finland	Aland Telecommunications (Alcom)	1	0	0
	Finland	DNA Finland	1	1	1
	Finland	EDZCOM (formerly Ukkoverkot)	1	0	0
	Finland	Elisa Corporation	1	1	1
	Finland	Telia Finland	1	1	1
	<b>France</b>	<b>Total</b>	<b>4</b>	<b>4</b>	<b>0</b>
	France	Altice France (SFR)	1	1	0
	France	Bouygues Telecom	1	1	0
	France	Free Mobile	1	1	0
	France	Orange France	1	1	0
	<b>Germany</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>3</b>
	Germany	Telefonica Deutschland Holding	1	1	1
	Germany	Telekom Deutschland	1	1	1
	Germany	Vodafone Germany	1	1	1
	<b>Greece</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>
	Greece	Cosmote	1	1	0
	Greece	Vodafone Greece (incl. Hellas Online)	1	1	0
	Greece	Wind Hellas (incl. Tellas)	1	1	0
	<b>Greenland</b>	<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Greenland	TELE Greenland	1	0	0
	<b>Guernsey</b>	<b>Total</b>	<b>3</b>	<b>2</b>	<b>0</b>
	Guernsey	Airtel-Vodafone (Guernsey Airtel Limited)	1	0	0
	Guernsey	JT Guernsey	1	1	0
	Guernsey	Sure Guernsey	1	1	0
	<b>Iceland</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>
	Iceland	Nova (Iceland)	1	1	0
	Iceland	Siminn (Iceland Telecom)	1	1	0
	Iceland	Vodafone Iceland (Syn)	1	1	0
	<b>Ireland</b>	<b>Total</b>	<b>3</b>	<b>2</b>	<b>3</b>

Ireland	eir Mobile	1	0	1
Ireland	Hutchison 3G Ireland (Three Ireland)	1	1	1
Ireland	Vodafone Ireland	1	1	1
<b>Isle of Man</b>	<b>Total</b>	<b>2</b>	<b>2</b>	<b>0</b>
Isle of Man	Manx Telecom	1	1	0
Isle of Man	Sure (Isle of Man)	1	1	0
<b>Italy</b>	<b>Total</b>	<b>4</b>	<b>4</b>	<b>2</b>
Italy	Iliad Italia	1	1	0
Italy	Telecom Italia (TIM)	1	1	1
Italy	Vodafone Italy	1	1	1
Italy	WINDTRE (incl. Wind and 3 Italia)	1	1	0
<b>Jersey</b>	<b>Total</b>	<b>3</b>	<b>1</b>	<b>0</b>
Jersey	Airtel-Vodafone (Jersey Airtel Limited)	1	0	0
Jersey	JT Jersey (formerly Jersey Telecom)	1	1	0
Jersey	Sure Jersey	1	0	0
<b>Liechtenstein</b>	<b>Total</b>	<b>3</b>	<b>0</b>	<b>0</b>
Liechtenstein	Salt Liechtenstein (7acht)	1	0	0
Liechtenstein	Swisscom (Liechtenstein)	1	0	0
Liechtenstein	Telecom Liechtenstein (FL1)	1	0	0
<b>Luxembourg</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>2</b>
Luxembourg	Orange Luxembourg	1	1	0
Luxembourg	Post Luxembourg (formerly LuxGSM)	1	1	1
Luxembourg	Tango (Luxembourg)	1	1	1
<b>Malta</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>
Malta	GO	1	1	0
Malta	Melita	1	1	0
Malta	Vodafone Malta	1	1	0
<b>Monaco</b>	<b>Total</b>	<b>1</b>	<b>1</b>	<b>1</b>
Monaco	Monaco Telecom	1	1	1
<b>Netherlands</b>	<b>Total</b>	<b>4</b>	<b>4</b>	<b>3</b>
Netherlands	KPN	1	1	1
Netherlands	T-Mobile Netherlands	2	2	1
Netherlands	VodafoneZiggo	1	1	1
<b>Norway</b>	<b>Total</b>	<b>3</b>	<b>2</b>	<b>2</b>
Norway	ice (formerly ice.net)	1	0	0
Norway	Telenor Norge	1	1	1
Norway	Telia Norge	1	1	1
<b>Portugal</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>1</b>
Portugal	Nos	1	1	1
Portugal	PT Portugal (MEO)	1	1	0
Portugal	Vodafone Portugal	1	1	0
<b>San Marino</b>	<b>Total</b>	<b>1</b>	<b>1</b>	<b>0</b>
San Marino	Telefonia Mobile Sammarinese (TMS)	1	1	0
<b>Spain</b>	<b>Total</b>	<b>5</b>	<b>3</b>	<b>4</b>
Spain	Euskaltel Group (incl. R Cable and Telecable)	1	0	0
Spain	Grupo MASMOVIL (incl. Yoigo)	1	0	1
Spain	Orange Espana (incl. Jazztel)	1	1	1
Spain	Telefonica Espana (Movistar)	1	1	1
Spain	Vodafone Spain	1	1	1

<b>Svalbard and Jan Mayen</b>				
<b>Is.</b>	<b>Total</b>	<b>3</b>	<b>0</b>	<b>1</b>
	Svalbard and Jan Mayen Is. ice (Svalbard)	1	0	0
	Svalbard and Jan Mayen Is. Telenor Svalbard	1	0	1
	Svalbard and Jan Mayen Is. Telia Norge (Svalbard)	1	0	0
<b>Sweden</b>	<b>Total</b>	<b>6</b>	<b>5</b>	<b>4</b>
Sweden	Net1 Sweden (Teracom Mobil)	1	0	0
Sweden	Tele2 Sweden	1	1	1
Sweden	Telenor Sweden	1	1	1
Sweden	Telia Sweden	1	1	1
Sweden	Tre Sweden (Hi3G Access)	2	2	1
<b>Switzerland</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>2</b>
Switzerland	Salt (Switzerland)	1	1	0
Switzerland	Sunrise Communications	1	1	1
Switzerland	Swisscom	1	1	1
<b>United Kingdom</b>	<b>Total</b>	<b>4</b>	<b>4</b>	<b>4</b>
United Kingdom	EE	1	1	1
United Kingdom	Hutchison 3G UK (Three UK)	1	1	1
United Kingdom	O2 UK	1	1	1
United Kingdom	Vodafone UK	1	1	1
11/16/2020	 TeleGeography Source: TeleGeography Publication: GlobalComms Database			