


Region	Country	Operator	LTE	LTE-Advanced	LTE-Advanced Pro	5G
<b>Eastern Europe</b>			<b>93</b>	<b>57</b>	<b>4</b>	<b>6</b>
	<b>Albania</b>	<b>Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>
	Albania	ALBtelecom	1	0	0	0
	Albania	Telekom Albania	1	1	0	0
	Albania	Vodafone Albania	1	1	0	0
	<b>Armenia</b>	<b>Total</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Armenia	MTS Armenia (Viva-MTS)	1	0	0	0
	Armenia	Ucom	1	1	0	0
	Armenia	VEON Armenia (Beeline)	1	0	0	0
	<b>Azerbaijan</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
	Azerbaijan	Azercell	1	0	0	0
	Azerbaijan	Azerfon (Nar)	1	1	0	0
	Azerbaijan	Bakcell	1	1	0	0
	Azerbaijan	Naxtel (Nakhchivan)	1	1	0	0
	<b>Belarus</b>	<b>Total</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>
	Belarus	A1 Belarus (formerly VELCOM)	1	0	0	0
	Belarus	Belarusian Cloud Technologies (beCloud)	1	1	0	0
	Belarus	Belarusian Telecommunications Network (BeST, life:))	1	0	0	0
	Belarus	MTS Belarus	1	1	0	0
	<b>Bosnia-Herzegovina</b>	<b>Total</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Bosnia-Herzegovina	BH Telecom	1	1	0	0
	Bosnia-Herzegovina	HT Mostar (HT Eronet)	1	0	0	0
	Bosnia-Herzegovina	Telekom Srpske (m:tel)	1	0	0	0
	<b>Bulgaria</b>	<b>Total</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>
	Bulgaria	A1 Bulgaria (Mobiltel)	1	1	0	0
	Bulgaria	Bulsatcom	1	0	0	0
	Bulgaria	T.com (Bulgaria)	1	0	0	0
	Bulgaria	Telenor Bulgaria	1	1	0	0
	Bulgaria	Vivacom (BTC)	1	1	0	0
	<b>Croatia</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>0</b>
	Croatia	A1 Hrvatska (formerly VIPnet/B.net)	1	1	1	0
	Croatia	Hrvatski Telekom (HT)	1	1	0	0
	Croatia	Tele2 Croatia	1	1	0	0
	<b>Czech Republic</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
	Czech Republic	Nordic Telecom	1	0	0	0
	Czech Republic	O2 Czech Republic (incl. CETIN)	1	1	0	0
	Czech Republic	T-Mobile Czech Republic	1	1	0	0
	Czech Republic	Vodafone Czech Republic	1	1	0	0
	<b>Estonia</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>0</b>
	Estonia	Elisa Eesti (incl. Starman)	1	1	0	0
	Estonia	Tele2 Eesti	1	1	1	0
	Estonia	Telia Eesti (formerly Eesti Telekom, EMT, Elion)	1	1	1	0
	<b>Georgia</b>	<b>Total</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>0</b>

Georgia	A-Mobile (Abkhazia)	1	0	0	0
Georgia	AquaFon GSM (Abkhazia)	1	1	0	0
Georgia	MagtiCom	1	1	0	0
Georgia	Ostelecom (MegaFon) (South Ossetia)	1	0	0	0
Georgia	SilkNet (incl. Geocell)	1	1	0	0
Georgia	VEON Georgia (Beeline)	1	0	0	0
<b>Hungary</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>1</b>
Hungary	DIGI (Hungary)	1	0	0	0
Hungary	Magyar Telekom	1	1	0	0
Hungary	Telenor Hungary	1	1	0	0
Hungary	Vodafone Hungary	1	1	0	1
<b>Kosovo</b>	<b>Total</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kosovo	IPKO	1	0	0	0
Kosovo	MTS (Kosovo)	1	0	0	0
Kosovo	Telecom Kosovo (TK, Vala)	1	0	0	0
<b>Latvia</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>
Latvia	Bite Latvia	1	1	1	0
Latvia	Latvijas Mobilais Telefons (LMT)	1	1	0	1
Latvia	Tele2 Latvia	1	1	0	1
<b>Lithuania</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>
Lithuania	Bite Lithuania	1	1	0	0
Lithuania	Tele2 Lithuania	1	1	0	0
Lithuania	Telia Lietuva	1	1	0	0
<b>Moldova</b>	<b>Total</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>
Moldova	IDC (Transnistria)	1	0	0	0
Moldova	Moldcell	1	0	0	0
Moldova	Moldtelecom (Unite)	1	0	0	0
Moldova	Orange Moldova	1	1	0	0
<b>Montenegro</b>	<b>Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>
Montenegro	Crnogorski Telekom	1	1	0	0
Montenegro	m:tel (Montenegro)	1	0	0	0
Montenegro	Telenor Montenegro	1	1	0	0
<b>North Macedonia</b>	<b>Total</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>
North Macedonia	A1 Macedonia (Vip)	1	0	0	0
North Macedonia	Makedonski Telekom (Telekom)	1	1	0	0
<b>Poland</b>	<b>Total</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>0</b>
Poland	Aero2 (incl. A2 Mobile, CenterNet and Mobyland)	2	1	0	0
Poland	Orange Polska (incl. Telekomunikacja Polska, Centertel)	1	1	0	0
Poland	Play (P4)	1	1	0	0
Poland	Plus (Polkomtel)	2	1	0	0
Poland	T-Mobile Poland (Polska Telefonia Cyfrowa, PTC)	1	1	0	0
<b>Romania</b>	<b>Total</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>3</b>
Romania	Orange Romania	1	1	0	1
Romania	RCS&RDS (DIGI)	2	0	0	1
Romania	Telekom Romania Mobile Communications (formerly Cosmote)	1	0	0	0
Romania	Vodafone Romania	1	1	0	1

<b>Russia</b>	<b>Total</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>0</b>
Russia	Beeline (Russia)	1	1	0	0
Russia	MegaFon	1	1	0	0
Russia	Mobile TeleSystems (MTS)	2	1	0	0
Russia	MOTIV (Ekaterinburg-2000)	1	0	0	0
Russia	Tele2 Russia	1	0	0	0
Russia	Vainakh Telecom (Chechen Republic)	1	0	0	0
<b>Serbia</b>	<b>Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>
Serbia	Mobilkom Serbia (VIP Mobile)	1	1	0	0
Serbia	Telekom Srbija (MTS)	1	0	0	0
Serbia	Telenor Serbia	1	1	0	0
<b>Slovakia</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
Slovakia	O2 Slovakia	1	1	0	0
Slovakia	Orange Slovensko	1	1	0	0
Slovakia	Slovak Telekom (ST, incl. T-Mobile, DIGI)	1	1	0	0
Slovakia	SWAN Mobile (4ka)	1	0	0	0
<b>Slovenia</b>	<b>Total</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>
Slovenia	A1 Slovenia (formerly Si.mobil, Amis)	1	1	0	0
Slovenia	T-2	1	0	0	0
Slovenia	Telekom Slovenije (incl. Mobitel)	1	1	0	0
Slovenia	Telemach Mobil (formerly Tusmobil)	1	0	0	0
<b>Ukraine</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>
Ukraine	Kyivstar	1	1	0	0
Ukraine	Lifecell (formerly Astelit)	1	1	0	0
Ukraine	Vodafone Ukraine	1	1	0	0
3/17/20	 Source: TeleGeography Publication: GlobalComms Database				