


Region	Country	Operator	LTE	LTE-Advanced	LTE-Advanced Pro	5G
<b>Asia &amp; Pacific</b>			<b>162</b>	<b>72</b>	<b>5</b>	<b>23</b>
	<b>American Samoa</b>	<b>Total</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>
	American Samoa	American Samoa Telecom (BlueSky Communications)	1	1	0	0
	American Samoa	American Samoa Telecommunications Authority (ASTCA)	1	0	0	0
	<b>Australia</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>3</b>
	Australia	Optus Mobile	2	1	0	1
	Australia	Telstra	1	1	0	1
	Australia	Vodafone Hutchison Australia (VHA)	1	1	1	1
	<b>Bangladesh</b>	<b>Total</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Bangladesh	Banglalink	1	0	0	0
	Bangladesh	GrameenPhone (GP)	1	0	0	0
	Bangladesh	Robi Axiata	1	1	0	0
	Bangladesh	Teletalk	1	0	0	0
	<b>Bhutan</b>	<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Bhutan	Bhutan Telecom (BT)	1	0	0	0
	Bhutan	Tashi InfoComm (TashiCell)	1	0	0	0
	<b>Brunei</b>	<b>Total</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Brunei	Datastream Technology (DST Communications)	1	0	0	0
	Brunei	imagine (formerly Telekom Brunei)	1	0	0	0
	Brunei	Progresif	1	0	0	0
	Brunei	Unified National Networks (UNN)	1	0	0	0
	<b>Cambodia</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
	Cambodia	CamGSM (Cellcard)	1	1	0	0
	Cambodia	SEATEL (yes)	1	0	0	0
	Cambodia	Smart Axiata	1	1	0	0
	Cambodia	Viettel Cambodia (Metfone)	1	1	0	0
	<b>China</b>	<b>Total</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>3</b>
	China	China Mobile	2	0	0	1
	China	China Telecom Corporation	2	1	0	1
	China	China Unicom	2	0	0	1
	<b>Cocos (Keeling) Islands</b>	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cook Islands</b>	<b>Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
	Cook Islands	Vodafone Cook Islands (formerly Bluesky)	1	1	0	0
	<b>Fiji</b>	<b>Total</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>
	Fiji	Digicel Fiji	1	1	1	0
	Fiji	Vodafone Fiji	1	1	0	0
	<b>French Polynesia</b>	<b>Total</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
	French Polynesia	Ora (Viti)	1	0	0	0
	French Polynesia	Vini	1	0	0	0

French Polynesia	Vodafone French Polynesia (Pacific Mobile Telecom, PMT)	1	0	0	0
<b>Guam</b>	<b>Total</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>
Guam	Choice Phone (iConnect Guam)	1	0	0	0
Guam	DOCOMO Pacific (Guam)	1	0	0	0
Guam	GTA	1	0	0	0
Guam	IT&E (Guam)	1	0	0	0
<b>Hong Kong</b>	<b>Total</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>4</b>
Hong Kong	China Mobile Hong Kong (CMHK, formerly Peoples)	2	1	1	1
Hong Kong	HKT/PCCW (incl. CSL)	1	1	0	1
Hong Kong	Hutchison Telephone Company (3)	2	1	1	1
Hong Kong	SmarTone	1	1	0	1
<b>India</b>	<b>Total</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>
India	Bharat Sanchar Nigam Limited (BSNL)	1	0	0	0
India	Bharti Airtel	2	1	0	0
India	Reliance Communications (RCOM)	1	0	0	0
India	Reliance Jio Infocomm (Jio)	2	0	0	0
India	Vodafone Idea (previously Idea Cellular)	1	0	0	0
<b>Indonesia</b>	<b>Total</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>0</b>
Indonesia	Hutchison 3 Indonesia (Tri)	1	1	1	0
Indonesia	Indosat Ooredoo (incl. IM2)	1	1	0	0
Indonesia	Net1 Indonesia	1	0	0	0
Indonesia	PT Smart Telecom (Smartfren)	1	1	0	0
Indonesia	Telkomsel (Telekomunikasi Selular)	1	0	0	0
Indonesia	XL Axiata	1	1	0	0
<b>Japan</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>3</b>
Japan	KDDI (au)	1	1	0	1
Japan	NTT DOCOMO	1	1	0	1
Japan	Rakuten Mobile	1	0	0	0
Japan	SoftBank Corp	1	1	0	1
<b>Kazakhstan</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>
Kazakhstan	KaR-Tel (Beeline)	1	1	0	0
Kazakhstan	Kcell (incl. Activ)	1	1	0	0
Kazakhstan	Tele2-Altel (Mobile Telecom Service)	1	1	0	0
<b>Kiribati</b>	<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kiribati	Amalgamated Telecom Holdings Kiribati Limited (ATHKL)	1	0	0	0
Kiribati	Ocean Link	1	0	0	0
<b>Kyrgyzstan</b>	<b>Total</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>
Kyrgyzstan	MegaCom (Kyrgyzstan)	1	1	0	0
Kyrgyzstan	Nur Telecom (O!)	1	0	0	0
Kyrgyzstan	Saima Telecom	1	0	0	0
Kyrgyzstan	Sky Mobile (Beeline)	1	1	0	0
<b>Laos</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
Laos	Entreprise des Telecommunications Lao (ETL)	1	1	0	0

Laos	Lao Telecommunications Company (LTC)	1	1	0	0
Laos	TPLUS (formerly Beeline Lao)	1	1	0	0
Laos	Unitel (Laos)	1	0	0	0
<b>Macau</b>	<b>Total</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>
Macau	China Telecom Macau	1	0	0	0
Macau	Companhia de Telecomunicacoes de Macau (CTM)	2	1	0	0
Macau	Hutchison Telecom Macau (3)	1	0	0	0
Macau	SmarTone Macau	1	0	0	0
<b>Malaysia</b>	<b>Total</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>0</b>
Malaysia	Celcom Axiata	1	1	0	0
Malaysia	Digi Telecommunications	1	1	0	0
Malaysia	Maxis Mobile	1	1	0	0
Malaysia	Telekom Malaysia	2	1	0	0
Malaysia	U Mobile (Malaysia)	1	1	0	0
Malaysia	YTL Communications (Yes)	1	0	0	0
<b>Maldives</b>	<b>Total</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>
Maldives	Dhivehi Raajjeyge Gulhun (Dhiraagu)	1	1	0	1
Maldives	Ooredoo Maldives	1	1	0	0
<b>Mongolia</b>	<b>Total</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>
Mongolia	GMobile (Mongolia)	1	0	0	0
Mongolia	MobiCom (incl. MobiNet)	1	1	0	0
Mongolia	Skytel (Mongolia)	1	0	0	0
Mongolia	Unitel (Mongolia)	1	1	0	0
<b>Myanmar</b>	<b>Total</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>
Myanmar	Myanmar Post and Telecommunications (MPT)	1	1	0	0
Myanmar	Mytel	1	0	0	0
Myanmar	Ooredoo Myanmar	1	1	0	0
Myanmar	Telenor Myanmar	1	0	0	0
<b>Nepal</b>	<b>Total</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
Nepal	Ncell (Spice Nepal)	1	0	0	0
Nepal	Nepal Telecom (NT)	1	0	0	0
Nepal	Smart Telecom (Nepal)	1	0	0	0
<b>New Caledonia</b>	<b>Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
New Caledonia	Office des Postes et Telecoms de Nouvelle-Caledonie (OPT-NC)	1	1	0	0
<b>New Zealand</b>	<b>Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>
New Zealand	Spark	1	1	0	0
New Zealand	Two Degrees Mobile (2degrees)	1	0	0	0
New Zealand	Vodafone New Zealand	1	1	0	1
<b>North Korea</b>	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Northern Mariana Islands</b>	<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
Northern Mariana Islands	DOCOMO Pacific (CNMI)	1	0	0	0

Northern Mariana Islands	IT&E (CNMI)	1	0	0	0
<b>Pakistan</b>	<b>Total</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>
Pakistan	Jazz (formerly Mobilink/Warid)	1	0	0	0
Pakistan	Pakistan Telecommunications Mobile Limited (PTML, Ufone)	1	0	0	0
Pakistan	Special Communication Organisation (SCO)	1	0	0	0
Pakistan	Telenor Pakistan	1	1	0	0
Pakistan	Zong	1	0	0	0
<b>Palau</b>	<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Palau	Palau National Communications Corp (PNCC, incl. PalauCel)	1	0	0	0
<b>Papua New Guinea</b>	<b>Total</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
Papua New Guinea	bmobile (PNG)	1	0	0	0
Papua New Guinea	Digicel PNG	1	0	0	0
Papua New Guinea	Telikom PNG	1	0	0	0
<b>Philippines</b>	<b>Total</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>
Philippines	Globe Telecom (incl. Innove)	1	1	0	0
Philippines	PLDT Inc. (incl. Smart Communications and Sun Cellular)	1	1	0	0
<b>Samoa</b>	<b>Total</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>
Samoa	BlueSky Samoa (formerly SamoaTel)	1	1	0	0
Samoa	Digicel Samoa	1	0	0	0
<b>Singapore</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
Singapore	M1	1	1	0	0
Singapore	Singtel	1	1	0	0
Singapore	StarHub	1	1	0	0
Singapore	TPG Telecom (TPG Mobile)	1	0	0	0
<b>Solomon Islands</b>	<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Solomon Islands	Solomon Telekom (Our Telekom)	1	0	0	0
<b>South Korea</b>	<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>3</b>
South Korea	KT Corp	1	1	0	1
South Korea	LG Uplus (formerly LG Telecom)	1	1	0	1
South Korea	SK Telecom (SKT)	1	1	0	1
<b>Sri Lanka</b>	<b>Total</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
Sri Lanka	Dialog Axiata	1	1	0	0
Sri Lanka	Hutchison Telecommunications Lanka	1	0	0	0
Sri Lanka	Mobitel (Sri Lanka)	1	0	0	0
<b>Taiwan</b>	<b>Total</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>3</b>
Taiwan	Asia Pacific Telecom (APT)	2	0	0	0
Taiwan	Chunghwa Telecom	1	1	0	1
Taiwan	Far EastTone (FET) (incl. NCIC)	1	1	0	1
Taiwan	Taiwan Mobile Company (incl. TWM Solution/TWM Broadband)	1	1	0	1
Taiwan	Taiwan Star (T STAR) (incl. Vibo Telecom)	1	1	0	0

<b>Tajikistan</b>	<b>Total</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>
Tajikistan	Babilon-M	1	0	0	0
Tajikistan	MegaFon Tajikistan (TT Mobile)	1	0	0	1
Tajikistan	Tacom (ZET-Mobile, formerly Beeline)	1	0	0	0
Tajikistan	Tcell	1	0	0	0
<b>Thailand</b>	<b>Total</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>1</b>
Thailand	Advanced Info Service (AIS)	1	1	0	1
Thailand	CAT Telecom	1	0	0	0
Thailand	Digital Total Access Communication (DTAC)	2	1	0	0
Thailand	TOT	2	0	0	0
Thailand	True Corp	1	1	0	0
<b>Timor-Leste</b>	<b>Total</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
Timor-Leste	Telin Timor-Leste (Telkomcel)	1	1	0	0
Timor-Leste	Timor Telecom	1	0	0	0
Timor-Leste	Viettel Timor-Leste (Telemor)	1	0	0	0
<b>Tonga</b>	<b>Total</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>
Tonga	Digicel Tonga	1	1	0	0
Tonga	Tonga Communications Corp (TCC, incl. U-Call Mobile)	1	0	0	0
<b>Turkmenistan</b>	<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Turkmenistan	TM-Cell (Altyn Asyr)	1	0	0	0
<b>Tuvalu</b>	<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Tuvalu	Tuvalu Telecommunications Corporation (TTC)	1	0	0	0
<b>Uzbekistan</b>	<b>Total</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>
Uzbekistan	Beeline (Unitel)	1	0	0	0
Uzbekistan	Ucell (Coscom)	1	0	0	0
Uzbekistan	UMS (Mobiuz)	1	0	0	0
Uzbekistan	Uzbektelecom (incl. Uzmobil)	1	0	0	0
<b>Vanuatu</b>	<b>Total</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>
Vanuatu	Digicel Vanuatu	1	1	0	0
Vanuatu	Telecom Vanuatu Limited (TVL)	1	1	0	0
<b>Vietnam</b>	<b>Total</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
Vietnam	MobiFone Telecommunications Corporation	1	1	0	0
Vietnam	Vietnamobile	1	1	0	0
Vietnam	Viettel Telecom	1	1	0	0
Vietnam	VNPT-Vinaphone	1	0	0	0
<b>Wallis and Futuna</b>	<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Wallis and Futuna	Service des Postes et des Telecommunications (SPT)	1	0	0	0
 TeleGeography Source: TeleGeography Publication: GlobalComms Database					
16-Jul-20					