

Region	Country	Network	2G Closure		3G Closure	
			2G Status	Date	3G Status	Date
Africa	Ghana	Vodafone Ghana	Planned	12/31/2025	Closed	12/31/2020
Africa	South Africa	Telkom	Closed	3/31/2020		
Asia	Bahrain	Batelco, BHR Mobile	Closed	Dec 2019		
Asia	Bangladesh	Grameenphone	Planned	12/31/2025	Planned	12/31/2026
Asia	China	China Mobile			Closed	12/1/2020
Asia	Hong Kong	Smartone	Closed	12/1/2020		
Asia	Hong Kong	CSL	Closed	12/1/2020		
Asia	Hong Kong	HKT (CSL)	Closed	12/1/2020		
Asia	Hong Kong	3	Closed	12/1/2020		
Asia	Hong Kong	CMHK	Closed	12/1/2020		
Asia	India	Airtel Delhi	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Andhra Pradesh	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Chennai	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Gujarat	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Haryana	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Himachal Pradesh	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Karnataka	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Kerala	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Kolkata	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Madhya Pradesh	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Maharashtra & Goa	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Mumbai	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Punjab	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Rajasthan	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Tamilnadu	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Uttar Pradesh West	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel North East	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Assam	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Bihar	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Orissa	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel UP East	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel West Bengal	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Airtel Jammu&Kashmir	Planned	1/12/2023	Closed	3/31/2020
Asia	India	Vodafone Delhi			Closed	6/30/2020
Asia	India	Vodafone Gujarat			Closed	6/30/2020
Asia	India	Vodafone Kerala			Closed	6/30/2020
Asia	India	Vodafone Kolkata			Closed	6/30/2020
Asia	India	Vodafone Maharashtra & Goa			Closed	6/30/2020
Asia	India	Vodafone Mumbai			Closed	6/30/2020
Asia	India	Vodafone TamilNadu			Closed	6/30/2020
Asia	India	IDEA Andhra Pradesh			Closed	6/30/2020
Asia	India	IDEA Delhi			Closed	6/30/2020
Asia	India	IDEA Gujarat			Closed	6/30/2020
Asia	India	IDEA Haryana			Closed	6/30/2020
Asia	India	IDEA Himachal Pradesh			Closed	6/30/2020
Asia	India	IDEA Karnataka			Closed	6/30/2020
Asia	India	IDEA Kerala			Closed	6/30/2020
Asia	India	IDEA Madhya Pradesh			Closed	6/30/2020
Asia	India	IDEA Maharashtra & Goa			Closed	6/30/2020
Asia	India	IDEA Punjab			Closed	6/30/2020
Asia	India	IDEA Rajasthan			Closed	6/30/2020
Asia	India	IDEA UP West			Closed	6/30/2020
Asia	India	IDEA Uttar Pradesh East			Closed	6/30/2020

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Asia	India	BSNL			Planned	12/31/2024
Asia	India	Airtel Assam	Planned	1/12/2023	Closed	9/30/2020
Asia	India	Airtel Bihar	Planned	1/12/2023	Closed	9/30/2020
Asia	India	Airtel Orissa	Planned	1/12/2023	Closed	9/30/2020
Asia	India	Airtel UP East	Planned	1/12/2023	Closed	9/30/2020
Asia	India	Airtel West Bengal	Planned	1/12/2023	Closed	9/30/2020
Asia	India	Airtel Jammu&Kashmir	Planned	1/12/2023	Closed	9/30/2020
Asia	India	IDEA Assam			Closed	6/30/2020
Asia	India	IDEA Bihar			Closed	6/30/2020
Asia	India	IDEA Jammu & Kashmir			Closed	6/30/2020
Asia	India	IDEA Kolkata			Closed	6/30/2020
Asia	India	IDEA Mumbai			Closed	6/30/2020
Asia	India	IDEA North East			Closed	6/30/2020
Asia	India	IDEA Orissa			Closed	6/30/2020
Asia	India	IDEA TamilNadu			Closed	6/30/2020
Asia	India	IDEA West Bengal			Closed	6/30/2020
Asia	Indonesia	AXIS	Planned	1/12/2022		
Asia	Japan	DoCoMo			Planned	3/31/2026
Asia	Japan	Softbank			Planned	1/31/2024
Asia	Macau	Hutchison	Closed	9/30/2019		
Asia	Malaysia	Digi Telecom	Planned	12/31/2024	Planned	12/31/2024
Asia	Malaysia	U Mobile			Planned	12/31/2021
Asia	Malaysia	Maxis			Planned	12/31/2021
Asia	Malaysia	Celcom			Planned	12/31/2021
Asia	Myanmar	Telenor	Planned	12/31/2024	Planned	12/31/2025
Asia	Nepal	Nepal Telecommunications			Planned	12/31/2021
Asia	Pakistan	Telenor	Planned	12/31/2025	Planned	12/31/2025
Asia	Saudi Arabia	STC Al-Jawal			Planned	12/31/2022
Asia	Singapore	M1	Closed	4/1/2017		
Asia	Singapore	StarHub	Closed	4/1/2017		
Asia	Singapore	SingTel Mobile	Closed	4/1/2017		
Asia	Taiwan	Far Eas Tone	Closed	6/30/2017	Closed	1/8/2017
Asia	Taiwan	Chunghwa	Closed	7/1/2017	Closed	1/8/2017
Asia	Taiwan	Taiwan Mobile	Closed	6/30/2017	Closed	1/8/2017
Asia	Thailand	dtac	Planned	12/31/2021	Planned	12/31/2025
Asia	Turkey	Vodafone	Planned	12/31/2025	Planned	12/31/2022
Asia	United Arab Emii	Etisalat	Planned	12/31/2022		
Asia	United Arab Emii	DU	Planned	12/31/2022		
Asia	Vietnam	Viettel	Planned	1/1/2022		
Asia	Vietnam	Vietnamobile	Planned	1/2/2022		
Asia	Vietnam	Vinaphone	Planned	1/3/2022		
Asia	Vietnam	Mobifone	Planned	1/4/2022		
Asia	Vietnam	Gtel Mobile (Gmobile)	Planned	1/5/2022		
Australia & Ociar	Australia	Optus	Closed	4/1/2017		
Australia & Ociar	Australia	Telstra MobileNet	Closed	12/1/2016	Planned	6/30/2024
Australia & Ociar	Australia	Vodafone	Closed	6/1/2018		
Australia & Ociar	Guam	DoCoMo Pacific	Closed	10/31/2018		
Australia & Ociar	New Zealand	Vodafone New Zealand Ltd	Planned	12/1/2025		
Australia & Ociar	New Zealand	Two Degrees	Closed	3/15/2018		
Europe	Albania	Vodafone Albania	Planned	12/31/2025	Planned	12/31/2022
Europe	Austria	A1			Planned	12/31/2025
Europe	Bulgaria	M-Tel Gsm			Planned	12/31/2025
Europe	Croatia	VIPnet			Planned	12/31/2025

Region	Country	Network	2G Closure		3G Closure	
			2G Status	Date	3G Status	Date
Europe	Croatia	T-Mobile			Planned	12/31/2022
Europe	Czech Republic	Vodafone	Planned	12/31/2025	Planned	2/28/2022
Europe	Czech Republic	T-Mobile	Planned	12/31/2025	Planned	12/31/2021
Europe	Denmark	Telenor	Planned	12/31/2025	Planned	7/31/2022
Europe	Denmark	Hi3G Access AB 2			Planned	12/31/2025
Europe	Denmark	Telia	Planned	12/31/2025	Planned	12/31/2025
Europe	Estonia	Telia	Planned	12/31/2025	Planned	12/31/2025
Europe	Faroe Islands	Kall Vodafone	Planned	12/31/2022	Planned	12/31/2022
Europe	Finland	DNA	Planned	12/31/2025	Planned	12/31/2023
Europe	Finland	Telia	Planned	12/31/2025	Planned	12/31/2025
Europe	Finland	Elisa			Planned	12/31/2023
Europe	Germany	Telekom Deutschland			Planned	6/30/2021
Europe	Germany	Vodafone	Planned	12/31/2025	Planned	6/30/2021
Europe	Germany	Telefonica O2			Planned	12/31/2021
Europe	Greece	Vodafone	Planned	12/31/2025	Planned	12/31/2022
Europe	Hungary	Vodafone	Planned	12/31/2025	Planned	12/31/2022
Europe	Ireland	Vodafone	Planned	12/31/2025	Planned	12/31/2023
Europe	Ireland	Liffey Telecom	Planned	10/1/2025	Planned	4/1/2023
Europe	Ireland	3	Planned	10/1/2025	Planned	4/1/2023
Europe	Italy	Vodafone	Planned	12/31/2025	Planned	1/31/2021
Europe	Liechtenstein	Swisscom, Swissom FL	Planned	1/1/2021		
Europe	Liechtenstein	FL1	Planned	1/31/2021		
Europe	Lithuania	Telia	Planned	12/31/2025	Planned	12/31/2022
Europe	Luxembourg	Tango			Planned	12/31/2025
Europe	Luxembourg	Post			Planned	7/31/2022
Europe	Malta	Vodafone	Planned	12/31/2025	Planned	12/31/2021
Europe	Malta	Vodafone (Maritime)	Planned	12/31/2025	Planned	12/31/2021
Europe	Netherlands	T-Mobile	Closed	12/31/2020		
Europe	Netherlands	KPN			Planned	1/31/2022
Europe	Netherlands	Vodafone	Planned	12/31/2025	Closed	2/4/2020
Europe	Norway	Telenor	Planned	12/31/2025	Planned	12/31/2021
Europe	Norway	Telia	Planned	12/31/2025		
Europe	Norway	Network Norway	Planned	12/31/2025		
Europe	Portugal	Vodafone	Planned	12/31/2025	Planned	3/31/2022
Europe	Romania	Vodafone	Planned	12/31/2025	Planned	12/31/2023
Europe	Serbia	Vip			Planned	12/31/2025
Europe	Slovakia	Telekom			Planned	12/31/2021
Europe	Slovenia	SI.Mobil			Planned	12/31/2025
Europe	Spain	Vodafone	Planned	12/31/2025		
Europe	Spain	Movistar			Planned	12/31/2025
Europe	Sweden	Telenor	Planned	12/31/2025	Planned	12/31/2025
Europe	Sweden	Tele2	Planned	12/31/2025	Planned	12/1/2025
Europe	Sweden	Telia	Planned	12/31/2025	Planned	12/1/2025
Europe	Switzerland	Swisscom, Swissom FL	Closed	12/31/2020		
Europe	Switzerland	Sunrise	Planned	12/31/2022		
Europe	United Kingdom	EE (T-Mobile UK)	Planned	12/31/2025	Planned	12/31/2021
Europe	United Kingdom	EE (Orange)	Planned	12/31/2025	Planned	12/31/2021
Europe	United Kingdom	Vodafone	Planned	12/31/2025	Planned	12/31/2022
North America & Antigua and Barb	Apua		Closed	1/4/2018		
North America & Bermuda	Karibik (Cingular)				Planned	3/2/2022
North America & Canada	Rogers Wireless		Closed	12/31/2020	Planned	12/31/2022
North America & Cayman Islands	Digicel		Closed	7/1/2020		
North America & Mexico	Isuacell (AT&T)		Closed	9/1/2019		

Roaming Services Sunset



Region	Country	Network	2G Closure		3G Closure	
			2G Status	Date	3G Status	Date
North America & Mexico		Movistar	Planned	1/30/2021		
North America & Puerto Rico		T-mobile			Closed	12/31/2020
North America & USA		T-Mobile	Planned	12/31/2021	Closed	12/31/2020
North America & USA		AT&T	Closed	1/1/2017	Planned	2/22/2022