

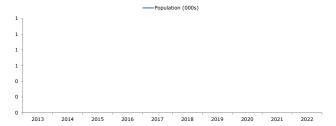
Qatar Telecommunications Market Indicators and Projections December 2018

DEMOGRAPHICS	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	COMPOUND ANNUAL GROWTH RATE CAGR 13-17 CAGR 18-22 CAGR 13-2:
											CAGR 13-17 CAGR 18-22 CAGR 13-2.
Population (000s)											
Population growth (000s)											‡
Population growth %											l
Number of households (000s)*											ļ
Households growth (000s)											+
Household size											1
*Estimated											
ECONOMY											ı
						-T					
GDP (US\$ millions) GDP per capita (US\$)						+					
IT AND INTERNET INFRASTRUCTURE						<u> </u>					
						,				,	
Fixed Internet accounts (000s)*											ļ
Fixed Internet accounts added (000s)											‡
Fixed Internet accounts penetration %											1
T1				1	1	1		1	1	1	I
Internet users (000s)* Internet users penetration %											
		1 1		1	I.	1	1	1	I .	1	•
Total country Int'l Internet bandwidth Mbps*											
Bandwidth added Mbps											i ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
Bandwidth growth %											Í
*Estimated										•	•
TELECOMS INFRASTRUCTURE											
Number of fixed voice operators											İ
Mainlines (000s)											
Mainlines added (000s)											r
Growth %											Í
Mainlines penetration %											ſ
Hammes penetration 70											•
Fixed broadband subscriptions (000s)*											í l
Fixed broadband subscriptions added (000s)											
Growth %											t .
Fixed broadband subscriptions as a % of total fixed Internet accounts											·
							1				T:
Number of cellular operators											l
Cellular subscriptions (000s)											
Cellular subscriptions added (000s)											1
Growth %											1
Cellular penetration %											1
				1	1	1		1	1	1	I
Prepaid cellular subscriptions (000s)											† L
Prepaid cellular subscriptions added (000s)											‡
Prepaid cellular subscriptions growth %											
Prepaid cellular subscriptions as a % of total cellular							1				I
subscriptions					1		1				1
Postpaid cellular subscriptions (000s)											
Postpaid cellular subscriptions (000s) Postpaid cellular subscriptions added (000s)		 									
Postpaid cellular subscriptions growth %		 									ſ
Postpaid cellular subscriptions growth % Postpaid cellular subscriptions as a % of total cellular		 					 				ſ
subscriptions											1
Mobile broadband accounts (000s)*											i l
Mobile broadband accounts added (000s)											i '
Mobile broadband growth %											ſ
Mobile broadband accounts as a % of total cellular											İ
subscriptions											1
	· · · · · · · · · · · · · · · · · · ·										T
Dedicated data SIMs (000s)*											
Dedicated data SIMs added (000s)							1				I.
Dedicated data SIMs growth %											Í
		 					 				ſ
Dedicated data SIMs as a % of total cellular subscriptions											l .
Handset SIMs (000s)*											
Handset SIMs added (000s)											!
Handset SIMs growth %		1			1	1	1			1	i .

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Handset SIMs as a % of total cellular subscriptions												
*Estimated												
TELECOM REVENUES												
TELECOM REVENUES												
FIXED VOICE												
Fixed voice revenues (US\$ 000)*												
Monthly ARPU (US\$)												
CELLULAR											_	
Cellular revenues (US\$ 000)												
Monthly ARPU (US\$)												
Postpaid cellular revenues (US\$ 000s)*												
Monthly ARPU (US\$)												
% of total cellular revenues												
				· · · · · · · · · · · · · · · · · · ·								
Prepaid cellular revenues (US\$ 000s)*												
Monthly ARPU (US\$)												
% of total cellular revenues												
Mobile data Revenues (US\$ 000s)*												
% of total cellular revenues												
Mobile voice revenues (US\$ 000s)*												
% of total cellular revenues												
FIXED INTERNET												
Fixed Internet revenues (US\$ 000)*												
Monthly ARPU (US\$)												
*Estimated												

Population



Total country bandwidth

----Total country Int'l Internet bandwidth Mbps* 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

Cellular and fixed voice lines

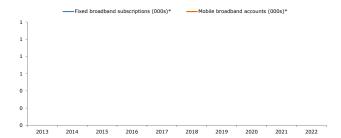
——Mainlines (000s) ——Cellular subscriptions (000s) 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

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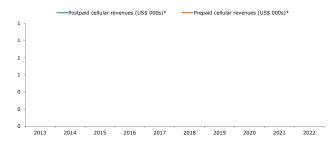
Postpaid/prepaid celllular subscriptions



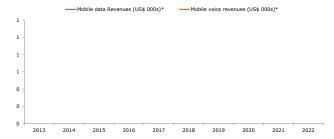
Mobile broadband and fixed broadband lines



Postpaid/prepaid revenues



Data/Voice mobile revenues



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