

**Middle East and
Africa Wireless
Statistics Forecast,
2016 – 2021**

Market Study
First Quarter 2017





Middle East and Africa Wireless Statistics Forecast, 2016 – 2021

A Market Study

Published First Quarter, 2017
Version 1.0
Report Number: 1Q2017-09

iGR
12400 W. Hwy 71
Suite 350 PMB 341
Austin TX 78738

Table of Contents

Abstract	1
Executive Summary	2
Figure A: Middle East and Africa Connections and Population, 2016-2021(000)	2
Figure B: Middle East and Africa Mobile Handset Sales by Handset Type, 2016-2021 (units) 3	
Figure C: Total Mobile Data Traffic (TB/month) in MEA, 2016-2021	4
Methodology	5
Middle East and Africa Mobile Connections Forecast, 2016-2021	6
Connections Forecast Assumptions	6
Connections Forecast	6
Table 1: Middle East and Africa Connections, Population, and Penetration, 2016-2021	7
Figure 1: Middle East and Africa Connections and Population, 2016-2021(000).....	7
Table 2: Middle East and Africa Connections by Technology Generation, 2016-2021(000) ...	8
Figure 2: Middle East and Africa Connections by Technology Generation, 2016-2021(000) ..	8
Table 3: Middle East and Africa Connections by Technology, 2016-2021(000)	9
Figure 3: Middle East and Africa Connections by Technology, 2016-2021(000).....	10
Middle East and Africa Smartphone Sales Forecast: 2016-2021	11
Smartphone Sales Forecast Assumptions	11
Handset Forecast	12
Table 4: MEA Mobile Handset Sales as a Percentage of Mobile Connections, 2016-2021 ...	12
Figure 4: MEA Mobile Handset Sales as a Percentage of Mobile Connections, 2016-2021 ..	13
Handset Sales Forecast by Type	13
Table 5: Middle East and Africa Mobile Handset Sales by Handset Type, 2016-2021	14
Figure 5: Middle East and Africa Mobile Handset Sales by Handset Type, 2016-2021 (units)	
.....	14
Smartphone Sales Forecast by Operating System	14
Table 6: Middle East and Africa Mobile OS Sales Forecast, 2016-2021 (units)	15
Figure 6: Middle East and Africa Mobile OS Forecast, 2016-2021 (units)	15
Table 7: Middle East and Africa Mobile OS Sales Forecast, 2016-2021 (Percentage Share) .	16
Figure 7: Middle East and Africa Mobile OS Sales Forecast, 2016-2021 (Percentage Share)	16
Middle East and Africa Tablet Sales Forecast: 2016-2021	17
Tablet Sales Forecast Assumptions	17
Tablet Sales Forecast	20
Table 8: Middle East and Africa Tablet Sales, 2016-2021 (units)	20
Figure 8: Middle East and Africa Tablet Sales, 2016-2021 (units)	20
Tablet Sales by Operating System	21
Table 9: Middle East and Africa Tablet Sales by OS, 2016-2021 (units)	21
Figure 9: Middle East and Africa Tablet Sales by OS, 2016-2021 (units)	21
Table 10: Middle East and Africa Tablet OS Sales Forecast, 2016-2021 (Percentage Share)	22

Quoting information from an iGillottResearch publication: external — any iGillottResearch information that is to be used in press releases, sales presentations, marketing materials, advertising, or promotional materials requires prior written approval from iGillottResearch. iGillottResearch reserves the right to deny approval of external usage for any reason. Internal-quoting individual sentences and paragraphs for use in your company's internal communications activities does not require permission from iGillottResearch. The use of large portions or the reproduction of any iGillottResearch document in its entirety does require prior written approval and may have some financial implications.

Copyright © 2017 iGillottResearch, Inc. Reproduction is forbidden unless authorized.

FOR INFORMATION PLEASE CONTACT IAIN GILLOTT (512) 263-5682.

Figure 10: Middle East and Africa Tablet OS Sales Forecast, 2016-2021 (Percentage Share)	22
Tablet Sales by Form Factor	22
Table 11: Middle East and Africa Tablet Sales by Form Factor, 2016-2021	23
Figure 11: Middle East and Africa Tablet Sales by Form Factor, 2016-2021	23
Tablet Sales by Connectivity Option	23
Table 12: Middle East and Africa Tablet Sales by Connectivity Option, 2016-2021	24
Figure 12: Middle East and Africa Tablet Sales by Connectivity Option, 2016-2021	24
Middle East and Africa Mobile Data Usage Trends by Mobile Operator	25
Etisalat	25
Ooredoo	25
Vimpelcom	26
Table 13: Vimpelcom Algeria	26
Vodafone	26
Mobile Data Traffic Forecast Methodology	27
Connections, not Subscribers	28
Quartiles	28
The Middle East and Africa Mobile Data Traffic Forecast, 2016-2021	30
Table 14: Middle East and Africa Connections, Population, and Penetration, 2016-2021	30
Figure 13: Middle East and Africa Connections and Population, 2016-2021(000)	31
Table 15: Connection per Quartile in MEA, 2016-2021	31
Table 16: Per-Connection Mobile Data Use (MB/month) in MEA, 2016-2021	32
Figure 14: Per-Connection Mobile Data Use (MB/month) in MEA, 2016-2021	32
Table 17: Total Mobile Data Traffic (TB/month) in MEA, 2016-2021	33
Figure 15: Total Mobile Data Traffic (TB/month) in MEA, 2016-2021	33
Table 18: Percentage of Mobile Data Traffic by Quartile in MEA, 2016-2021	34
Figure 16: Percentage of Mobile Data Traffic by Quartile in MEA, 2016-2021	34
Definitions	35
General	35
Device Types	35
Services	36
Network Technology	37
About iGR	42
Disclaimer	42

Quoting information from an iGillottResearch publication: external — any iGillottResearch information that is to be used in press releases, sales presentations, marketing materials, advertising, or promotional materials requires prior written approval from iGillottResearch. iGillottResearch reserves the right to deny approval of external usage for any reason. Internal-quoting individual sentences and paragraphs for use in your company's internal communications activities does not require permission from iGillottResearch. The use of large portions or the reproduction of any iGillottResearch document in its entirety does require prior written approval and may have some financial implications.

Copyright © 2017 iGillottResearch, Inc. Reproduction is forbidden unless authorized.

FOR INFORMATION PLEASE CONTACT IAIN GILLOTT (512) 263-5682.

Abstract

Mobile subscribers in the Middle East and Africa increasingly depend on a variety of mobile devices, including smartphones, tablets and connected cars, to stay connected. At the same time, they are increasing their usage of mobile data.

This market study overviews the Middle East and Africa mobile market and includes detailed information and a five-year forecast for the following areas of the market:

- Mobile Connections
- Smartphone Sales
- Tablet Sales
- Mobile Data Traffic.

Key questions addressed:

- What is the population of the Middle East and Africa region and what is its mobile penetration?
- How many mobile connections exist and how are they expected to grow between 2016 and 2021?
- What is the split of those connections by technology type (GSM, CDMA, UMTS/HSPA and LTE) and generation (2G, 3G and 4G)?
- What are the anticipated global handset and smartphone sales for 2016 to 2021?
- What are the anticipated tablet sales for 2016 to 2021?
- What is mobile data usage today and at what rate is mobile data usage expected to grow over the forecast period?
- How does mobile data usage differ between quartiles?

Who should read this report?

- Mobile operators
- Device OEMs
- Mobile infrastructure and equipment OEMs
- Content providers and distributors

Quoting information from an iGillottResearch publication: external — any iGillottResearch information that is to be used in press releases, sales presentations, marketing materials, advertising, or promotional materials requires prior written approval from iGillottResearch. iGillottResearch reserves the right to deny approval of external usage for any reason. Internal-quoting individual sentences and paragraphs for use in your company's internal communications activities does not require permission from iGillottResearch. The use of large portions or the reproduction of any iGillottResearch document in its entirety does require prior written approval and may have some financial implications.

Copyright © 2017 iGillottResearch, Inc. Reproduction is forbidden unless authorized.

FOR INFORMATION PLEASE CONTACT IAIN GILLOTT (512) 263-5682.

- Financial analysts and investors.

Quoting information from an iGillottResearch publication: external — any iGillottResearch information that is to be used in press releases, sales presentations, marketing materials, advertising, or promotional materials requires prior written approval from iGillottResearch. iGillottResearch reserves the right to deny approval of external usage for any reason. Internal-quoting individual sentences and paragraphs for use in your company's internal communications activities does not require permission from iGillottResearch. The use of large portions or the reproduction of any iGillottResearch document in its entirety does require prior written approval and may have some financial implications.

Copyright © 2017 iGillottResearch, Inc. Reproduction is forbidden unless authorized.

FOR INFORMATION PLEASE CONTACT IAIN GILLOTT (512) 263-5682.