## Contents

1. Introduction ................................................. 4  
2. Results ...................................................... 6  
3. Attendees ................................................... 8  
4. Conference .................................................. 14  
5. Exhibition ................................................... 20  
6. MWC Programmes ........................................... 24  
7. Event Highlights ............................................. 26  
8. Press Highlights ............................................. 28  
9. Sponsors and Partners ..................................... 30
DEAR COLLEAGUE

Thank you for making MWC19 Barcelona such an extraordinary success!

As underscored by our year-on-year growth, MWC Barcelona continues to be the place where industry leaders come to conduct business with the number of senior-level attendees continuing to be high at 59 per cent, including 7,900 CEOs. This year, 109,674 attendees from 198 countries and territories visited MWC Barcelona, an increase of 2 per cent over 2018.

With a focus on Intelligent Connectivity, MWC Barcelona focused on eight specific industry themes; Connectivity, AI, Industry 4.0, Immersive Content, Disruptive Innovation, Digital Wellness, Digital Trust and The Future. CEOs, senior executives and thought leaders from mobile operators and adjacent vertical industry organisations around the world, gathered to explore these themes while discussing key developments in the broad mobile ecosystem and their impact. In addition, more than 3,600 international print, broadcast and online media and industry analysts attended the event to report on and evaluate the many announcements made at MWC19.

Across 10 halls and outdoor areas at Fira Gran Via and Fira Montjuïc, exciting companies from across a wide spectrum of industries showcased their products, technologies and services via exhibition stands and hospitality spaces. The main exhibition at Fira Gran Via is simply vast; with more than 2,400 companies occupying over 120,000 sqm of exhibition and hospitality space. This arena provided opportunities for attendees to meet, network and examine the latest industry trends.

For a sixth year, MWC hosted the 4 Years from Now (4YFN) programme at Fira Montjuïc. This pioneering programme, jointly developed by Mobile World Capital Barcelona and the GSMA, brought together more than 23,000 attendees representing start-ups, investors and the wider mobile community for exhibition, education and networking opportunities. At La Farga de l’Hospitalet, more than 22,000 students and 3,000 educators and professionals gathered for the Youth Mobile Festival (YoMo), in collaboration with Mobile World Capital Barcelona. YoMo included over 13,000 sqm of space, with hands-on activities, deep-dive workshops and theatre shows covering a wide range of content across all areas of Science, Technology, Engineering, Arts (& Design), and Mathematics (STEAM).

We thank all of our attendees, exhibitors, sponsors and partners for helping us make MWC Barcelona such an amazing show for everyone. We also extend our gratitude to the Spanish Ministry of Energy, Tourism and the Digital Agenda, the Generalitat de Catalunya, the city of Barcelona, the city of Hospitalet, Turisme de Barcelona, the Fira de Barcelona, the Mobile World Capital Barcelona Foundation and all of our Barcelona partners for their ongoing support.

We look forward to seeing you next year on February 24 – 27 for MWC20 Barcelona.

Warm regards,

John Hoffman
CEO
GSMA Limited
More than 109,000 attendees from 198 countries and territories.

- 2,400 exhibitors over 120,000 square metres.
- 7,900 CEOs participated.
- 3,640 international media and industry analysts.
- MWC19 is the world’s largest tradeshow certified as carbon neutral.
- 4YFN connecting startups.
- 23,000+ attendees including 600 startups.
- 760+ exhibitors including 600 startups.
Global Influence from Key Decision Makers

MWC continues to offer thought-provoking content and foster world-class networking opportunities for senior-level attendees. Senior management (Director-level and higher) attendance was 59%, matching the percentage of senior management attendees in 2018. In 2019, 7,900 CEOs attended MWC, an increase of 2,000 from the previous year. The quality of attendees continues to maintain excellent levels year over year:

<table>
<thead>
<tr>
<th>Category</th>
<th>Attendance 2019</th>
<th>Attendance 2018</th>
<th>Attendance 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Attendees</td>
<td>109,674</td>
<td>107,710</td>
<td>108,533</td>
</tr>
<tr>
<td>Total Senior-Level Attendees</td>
<td>59%</td>
<td>59%</td>
<td>58%</td>
</tr>
<tr>
<td>Total Senior-Level Conference Attendees</td>
<td>74%</td>
<td>78%</td>
<td>74%</td>
</tr>
<tr>
<td>Total Countries/Territories Represented</td>
<td>198</td>
<td>205</td>
<td>208</td>
</tr>
<tr>
<td>Female Representation</td>
<td>22%</td>
<td>24%</td>
<td>23%</td>
</tr>
</tbody>
</table>

All Attendees by Job Function

<table>
<thead>
<tr>
<th>Job Function</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Level/Owner</td>
<td>17%</td>
<td>16%</td>
<td>14%</td>
</tr>
<tr>
<td>Vice President</td>
<td>9%</td>
<td>9%</td>
<td>10%</td>
</tr>
<tr>
<td>Director</td>
<td>32%</td>
<td>33%</td>
<td>33%</td>
</tr>
<tr>
<td>Attorney/Counsel</td>
<td>1%</td>
<td>1%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Sub-Total C-Level / Board / VP / Director</td>
<td>59%</td>
<td>59%</td>
<td>58%</td>
</tr>
<tr>
<td>Manager</td>
<td>19%</td>
<td>24%</td>
<td>25%</td>
</tr>
<tr>
<td>Consultant</td>
<td>7%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Other</td>
<td>15%</td>
<td>13%</td>
<td>13%</td>
</tr>
</tbody>
</table>
A Diverse Industry Event Led by Mobile Operators

In 2019, we continued to attract new attendees to MWC including professionals from vertical industries, consumer brands and developers, while maintaining the core commitment of the mobile network operator (MNO). Nearly 11,000 attendees (10%) from the operator community participated at MWC representing an increase of 4,000 attendees from MNOs. Industries showing increases in attendees include App and Software Development Vendors, Consultancies and Broadcast, Media and Entertainment. New entries into the top industries include Manufacturing and Automotive. In addition, 2019 marked a continued strength in participation of emerging industries. Identified in the table as ‘Other,’ industries such as Virtual Reality/Augmented Reality, Fast Moving Consumer Goods, Healthcare/Bio-Tech, do not individually rank high, but collectively show the continuing diversification of the mobile ecosystem.

All Attendees by Company Type

<table>
<thead>
<tr>
<th>Main Company Activity</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>App/Software Development</td>
<td>15%</td>
<td>14%</td>
<td>13%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>8%</td>
<td>7%</td>
<td>8%</td>
</tr>
<tr>
<td>Consultancy</td>
<td>7%</td>
<td>6%</td>
<td>7%</td>
</tr>
<tr>
<td>Mobile Network Operator</td>
<td>9%</td>
<td>8%</td>
<td>9%</td>
</tr>
<tr>
<td>Network Infrastructure Vendor</td>
<td>9%</td>
<td>9%</td>
<td>9%</td>
</tr>
<tr>
<td>Cloud Services</td>
<td>5%</td>
<td>3%</td>
<td>4%</td>
</tr>
<tr>
<td>Retail/e-commerce</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Automotive/Transportation</td>
<td>3%</td>
<td>2%</td>
<td>3%</td>
</tr>
<tr>
<td>Finance/Banking/Insurance</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Government/Regulatory Bodies</td>
<td>4%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Broadcast/Media/Entertainment</td>
<td>5%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Iot/m2m</td>
<td>5%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Education/Training</td>
<td>5%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Other Industries</td>
<td>12%</td>
<td>13%</td>
<td>13%</td>
</tr>
</tbody>
</table>
Attendees Ready to Experience Everything Mobile

Attendees at MWC indicated interest in a variety of topics, most looking at the future of the mobile industry. Attendees were asked to select their top three areas of interest. Leading topics of interest included forward looking topics such as App/Mobile Services, Artificial Intelligence, Big Data/Analytics, Innovation and IoT.

All Attendees Area of Interest

- **App/Mobile Services** 12%
- **Artificial Intelligence** 10%
- **Big Data/Analytics** 7%
- **Innovations** 7%
- **IoT** 7%
- **Cloud Services** 6%
- **Device Hardware** 5%
- **Network Technology** 5%
- **Automotive/Transportation** 4%
- **Smart Cities** 3%
- **Enterprise & Business IT** 3%
- **User Experience** 2%
- **Digital Commerce / Finance** 2%
- **Media/Content/Entertainment** 2%
- **Virtual Reality / Augmented Reality** 2%
- **Security / Digital Identity / Authentication** 2%
Nearly 200 Countries and Territories Represented

The geographical breakdown of attendees remains relatively constant year over year. MWC continues to attract a global audience with 198 countries and territories represented in 2019. Once again, Europe is the most represented region with 64% of attendees, Asia Pacific continues to be the second-largest region, followed by North America.

All Attendees by Region

2019:
- Europe: 64%
- Asia Pacific: 16%
- Americas: 3%
- Africa: 1%
- North America: 10%

2018:
- Europe: 65%
- Americas: 3%
- Africa: 1%
- North America: 10%
- Middle East: 7%

2017:
- Europe: 65%
- Americas: 3%
- Africa: 2%
- North America: 11%
- Middle East: 5%
- Asia Pacific: 14%
Top 10 Countries

The top 10 countries (or 12, given the similarity at the 10th position) represented at MWC continue to remain constant year over year. In 2017 the top countries remain the same as the previous year. Overall, four of the six geographic regions continue to be represented in the top 10 countries. Attendance from Spain was again positively impacted by the continued success of 4YFN and additional local appeal.

### Attendees Top 10 Countries

<table>
<thead>
<tr>
<th>Countries</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain</td>
<td>32%</td>
<td>32%</td>
<td>31%</td>
</tr>
<tr>
<td>United States</td>
<td>9%</td>
<td>9%</td>
<td>10%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>8%</td>
<td>8%</td>
<td>8%</td>
</tr>
<tr>
<td>China, People's Republic of</td>
<td>6%</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Germany</td>
<td>5%</td>
<td>4%</td>
<td>5%</td>
</tr>
<tr>
<td>France</td>
<td>4%</td>
<td>4%</td>
<td>5%</td>
</tr>
<tr>
<td>South Korea</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Italy</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Japan</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Israel</td>
<td>1%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Russia</td>
<td>1%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Sweden</td>
<td>1%</td>
<td>2%</td>
<td>2%</td>
</tr>
</tbody>
</table>
An unparalleled roster of speakers across the mobile ecosystem shared their views on the future of the mobile industry: 350 speakers - over 10 keynote sessions and 42 track sessions - including the following outstanding keynote speakers:

Dr. Amani Abou-Zeid  
Commissioner for Infrastructure and Energy  
African Union Commission (AUC)

Simon Segars  
CEO  
ARM

Chuck Robbins  
Chairman & CEO  
Cisco

James Forese  
President  
Citi

Dieter Zetsche  
Chairman  
Daimler AG & Mercedes Benz

Hatem Dowidar  
CEO  
Etisalat International

Mariya Gabriel  
Commissioner, Digital Economy & Society  
EU

Rich Williams  
CEO  
Groupon

Mats Granryd  
Director General  
GSMA

Cer Wang  
Founder & CEO  
HTC

Guo Ping  
Rotating Chairman  
Huawei

Marieme Jamme  
Founder  
iamtheCODE

Francesco Rocca  
President  
International Federation of Red Cross and Red Crescent Societies (IFRC)

Thomas Bach  
President  
IOC

Chang-Gyu Hwang  
Chairman & CEO  
KT Corporation

Mike Fries  
CEO & Vice Chairman  
Liberty Global

Dave Grannan  
CEO & Co-Founder  
Light

Satya Nadella  
CEO  
Microsoft

John Hanke  
Founder & CEO  
Niantic Inc.

Stephane Richard  
CEO & Chairman  
Orange Group

Anastasia Leng  
Founder & CEO  
Picasso Labs
Mickey Mikitani
Founder, CEO & Chairman
Rakuten

Vivian Chan
Founder & CEO
Sparrho

Amina J. Mohammed
Deputy Secretary General
United Nations

Anjali Sud
CEO
Vimeo

Chua Sock Koong
CEO
Singtel Group

José María Álvarez-Pallete López
Chairman & CEO
Telefónica S.A.

Sir Lucian Grainge
Chairman & CEO
Universal Music Group

Nick Read
CEO
Vodafone

Dr Aisha Bin Bishr
Director General
Smart Dubai

Andrew Penn
CEO
Telstra

Heba Bevan, OBE
Founder & CEO
UtterBerry
Continued Success in Attracting Senior-Level Attendees

Consistent with previous years, conference attendees tend to be more senior (74% Director-Level and above) than overall MWC19 attendees (59% Director-Level and above). We saw a continuing trend of strong senior-level participation in the conference, with ten straight years of more than 70% senior-level participation.

<table>
<thead>
<tr>
<th>Job Function</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-Level/Owner</td>
<td>28%</td>
<td>27%</td>
<td>23%</td>
</tr>
<tr>
<td>Vice President</td>
<td>13%</td>
<td>14%</td>
<td>14%</td>
</tr>
<tr>
<td>Director</td>
<td>33%</td>
<td>36%</td>
<td>36%</td>
</tr>
<tr>
<td>Attorney/Counsel</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Sub-Total C-Level / Board / VP / Director</td>
<td>74%</td>
<td>78%</td>
<td>78%</td>
</tr>
<tr>
<td>Manager</td>
<td>10%</td>
<td>12%</td>
<td>14%</td>
</tr>
<tr>
<td>Consultant</td>
<td>5%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Other</td>
<td>11%</td>
<td>7%</td>
<td>9%</td>
</tr>
</tbody>
</table>

A commitment to increasing rates of female participation

Female participation in Keynotes jumped to 35%, up from 29% in 2018 while overall conference participation remained constant at 28%. MWC is working to align with the United Nations Sustainable Development Goals (SDGs), including Goal 5: Achieving Gender Equality and Empowering Women, through programmes such as Women4Tech, which focuses on successfully addressing and reducing the gender gap in the mobile industry.
As with MWC19 attendees overall, the geographical profile of conference attendees was consistent with the 2018 profile. The top 10 countries for conference attendees were Spain, United States, United Kingdom, China, France, South Korea, Germany, Japan, Turkey, United Arab Emirates.
Thought Leadership for a Diverse Audience

The mobile industry gathered to exchange ideas and thought leadership through its participation in the conference programme. Conference attendees highlighted the diversification of the industry with continued growth represented in adjacent industries. Industries with 2% or less of total conference attendees (shown in the chart as ‘Other Industries’) include Automotive/Transportation, Cloud Services, Cybersecurity, Healthcare/Biotechnology, and Finance/Banking/Insurance.
A Worldwide Exhibition

MWC19 exhibitors came from 69 countries and territories. Europe remains the largest region, providing 45% of exhibitors, with North America and Asia rounding out the top three regions, in line with the geographic profile of the attendee population.
Exhibitors Represent a Wide Spectrum of the Mobile Ecosystem

Companies and organisations exhibiting in 2019 represented all facets of the industry. The top 100 exhibitors utilised over 40,000 net square meters of space.

- Accenture
- Alibaba
- Amazon
- Amdocs
- AMDIE
- AMS AG
- Android
- AppsFlyer
- Arm
- AT&T
- BMW AG
- Braze
- Brightstar
- Business France
- Casa Systems
- China Mobile Limited
- Ciena
- Cisco Systems, Inc
- Citibank N.A.
- Civic Entertainment Group, LLC
- CloudMinds Technologies Co. Ltd
- CommScope Technologies AG
- Corning Incorporated
- Daimler AG
- DarkMatter LLC
- Deutsche Telekom AG
- Emirates Telecommunication Group
- Ericsson
- Facebook
- Fujitsu
- Google
- Government of Catalonia
- Great Britain Pavilion
- GTI
- HMD Global
- HP Inc
- HTC Corporation
- Huawei Device Co., Ltd
- Huawei Technologies Co Ltd
- i4D Event Services
- IDEMIA
- IMA Alliance
- Industrial Technology Research Institute
- Intel Corporation
- InterDigital Inc
- Israel Export Institute
- Istanbul Chamber of Commerce
- Juniper Networks
- Kazakhtelecom JSC
- Keysight Technologies
- Korea Information & Communication Technology Industry Association (KICTA)
- Korea Trade–Investment Promotion Agency (KOTRA)
- KT Corporation
- Lenovo
- LG Electronics Inc
- Mastercard
- Mavenir
- McKinsey & Company
- MediaTek Singapore Pte Ltd
- Microsoft
- Ministerio de Energía, Turismo y Agenda Digital
- NEC Corporation
- Netekeeper Technology
- NetScout Systems, Inc.
- Nexign
- Nokia
- NTT Advertising
- Ooredoo Group LLC.
- Oracle Corporation
- Orange
- PricewaterhouseCoopers LLP
- Qualcomm Technologies, Inc
- Rakuten, Inc.
- Remade
- Rohde & Schwarz
- Salesforce
- Samsung Electronics Co Ltd (IM Division)
- Samsung Electronics Networks
- Samsung Semiconductors
- SAP SE
- Saudi Telecom Company (STC)
- SEAT, S.A.
- Shenzhen Tinno Mobile Technology Corp
- SK Telecom Co., Ltd.
- Sony Mobile Communications Inc
- STMicroelectronics International NV
- Synchronoss
- Syniverse
- TCT Mobile Europe SAS
- Telefónica S.A.
- Toyota
- Turkcell İletişim Hizmetleri A.S.
- Tuya Global Inc.
- Vestel
- Viettel Group
- Visa
- VMware International Ltd
- Vodafone España, S.A.U.
- Volkswagen Group
- Western Digital
- WIKO SAS
- Wipro Limited
- ZTE Corporation
- Xiaomi

*Top exhibitors by square meters purchased, listed alphabetically*
World's Largest Carbon Neutral Tradeshow

MWC was re-certified in July 2018 as carbon neutral by BSI (British Standards Institute), verifying that the GSMA successfully completed the certification process under the PAS 2060 international standard and that MWC had achieved carbon neutrality. For 2019, the GSMA focused on further reducing the environmental impact and carbon footprint of the event, offsetting any outstanding emissions as necessary. The GSMA is continuing to pursue certification of its offices and events, including MWC for 2020.
In 2019 we developed 8 core themes around which all content was focused. Industry leaders from across the globe and mobile ecosystem convened to share their insights around expertise in Connectivity, AI, Industry 4.0, Immersive Content, Disruptive Innovation, Digital Wellness, Digital Trust and The Future.

**Global Mobile Awards (GLOMOs)**

The annual Global Mobile Awards (GLOMOs) again recognised companies and individuals for remarkable achievement and cutting-edge innovation in the mobile industry.

Across ten categories, winners were honoured for everything from best content and devices to mobile innovations for health and education, commerce, and social good. The GSMA congratulates all the winners of the 2019 GLOMOs, which were announced during a series of ceremonies and live TV presentations on Mobile World Live TV throughout the week.

**Partner Programmes**

We collaborated with forty mobile visionaries as they explored how advancements in technology impacts the ever-changing landscape of mobile. Partner Events, Power Hour Sessions, and Technology Training centred around a variety of topics which included 5G, AI, Automotive, and IoT.

**GSMA Seminars**

At MWC19, the GSMA hosted a range of seminars designed to provide insights and updates on key GSMA industry programmes and advocacy initiatives. Held across all four days of the show, GSMA seminars focused on topics such as Mobile Connect, 5G, the Internet of Things (IoT), Mobile for Development, Future Networks and Identity.

**Ministerial Programme**

The GSMA’s prestigious Ministerial Programme brings together the most influential telecommunications leaders from across the world. In 2019, the programme of activities broadened the traditional policy and regulation discussion and focused on mobile and the emerging digital citizen. Participating in the event were delegations from 150 countries and 40 international organisations – including 71 ministers, 85 regulatory authority heads – and 191 CEOs, with total attendance of 2,000 attendees.
Women4Tech
Over four days, the Women4Tech programme championed gender equality, demonstrating how diversity can impact business success in the mobile and tech industry. This year’s programme included Speed Coaching, Networking events, Interactive Workshops, a MWLive Panel Discussion and a dedicated MWC Tour, as well as several activities at 4YFN. The programme culminated at the Women4Tech Summit.

4YFN Startup Event
As always, 4YFN put the focus on the future of innovation, giving start-ups the opportunity to bring their ideas to the global stage. More than 23,000 attendees visited this cutting-edge programme at Fira Montjuic, which brought together start-ups, investors, corporations and public institutions to discover, network, create and launch new ventures together. The programme was attended by big names in the industry showcasing elevating future technology.

YoMo
YoMo: The Youth Mobile Festival in its third year welcomed more than 22,000 students and 3,000 educators and industry professionals from across Catalonia, Spain and around the world. Held at La Farga L’Hospitalet, this educational event taught kids about the latest in science, technology, engineering, design/art and math (STEAM), encouraging them to pursue careers in mobile and the broader tech industries. Presented by the Ajuntament de L’Hospitalet, YoMo expanded to include an inaugural public day with over 4,500 from local families in attendance. YoMo is an event of MWC, held in collaboration with Mobile World Capital.
Mobile World Scholar

For the second year, GSMA executed the Mobile World Scholar Challenge, which highlights new and impactful ideas from the academic and research communities across the globe. GSMA selected five Finalists, each receiving a cash prize and an invitation to attend MWC19 in Barcelona to present their technologies. At the conclusion of the event, GSMA selected a Grand Prize Winner who received the title of Mobile World Scholar and an additional cash prize.

Graphene Pavilion

In its fourth year at MWC, the Graphene Pavilion featured exhibiting partners from across Europe showcasing exciting ideas for bringing the benefits of graphene to new applications. Attendees visiting the Graphene Pavilion discovered the development of large scale graphene fabrication and cutting-edge new technologies, with interactive demonstrations showing what this novel material can do for Sensors and IoT, Wearables and Health, Datacom and Energy.

Topic Tours

Guided topic tours are led by industry experts through the mobile ecosystem while visiting exhibitors that educated attendees on the topic of their choice, provided insights, and inspired their thinking. Attendees with similar specific topic interests had the opportunity to network with like-minded tour participants.

Seven topic tours took place in 2019, including: 5G & NFV, IoT, Mobile Advertising & Apps, Retail & Digital Commerce, Sustainable Smart Cities, Transformative AI and What’s Hot at MWC.

Custom Experiences

At MWC19 our clients were provided curated access to relevant exhibitors, attendees and peers. They participated in transformational tech experiences, learned about latest technology affecting their business, met with future clients, generated leads, forged new connections, and enjoyed networking events.

In 2019 Custom Experiences programme offered a wide range of services and attracted companies from vertical industries such as: Retail, Automotive, Agriculture, Mental Health and Tourism.
3,624 press/industry analysts attended MWC19 from 88 countries and territories

### Region

<table>
<thead>
<tr>
<th>Region</th>
<th>2019</th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>68%</td>
<td>70%</td>
<td>72%</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>16%</td>
<td>12%</td>
<td>11%</td>
</tr>
<tr>
<td>North America</td>
<td>7%</td>
<td>7%</td>
<td>8%</td>
</tr>
<tr>
<td>Americas</td>
<td>3%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Middle East</td>
<td>6%</td>
<td>7%</td>
<td>3%</td>
</tr>
<tr>
<td>Africa</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>1%</td>
</tr>
</tbody>
</table>
Press Highlights

The GSMA’s Innovation City at MWC19

Mobile World Congress 2019

Meet Sophia – the robot with 50 facial expressions

Mobile World Congress 2019

The IoT Litterbox and Other Gadgets From the MWC in Barcelona

Mobile World Congress 2019

5G is revolutionary but will anybody pay for it?
Will 5G be a saviour for struggling smartphones?

Mobile World Congress 5G, foldable phones and gadgets galore

Phone Companies Decide They Can’t Face 5G Spending Burden Alonge

GSMA bats for free flow of data, says restrictions will create islands of information

5G Will Account For 15% Of Global Mobile Market By 2025
Sponsors & Partners
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