



Smartphones: worldwide trends and forecasts 2019–2024



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About this report

This report analyses the smartphone market and describes the key worldwide and regional trends that affect the sales and adoption of smartphones.

It is based on several sources:

- Analysys Mason’s internal research, including global and regional telecoms forecasts and the *Telecoms Market Matrix*
- secondary information from vendors, operators, regulators and other formal sources.

WHO SHOULD READ THIS REPORT

- Operator-based strategy executives and mobile device managers who are interested in smartphone market trends and the role of operators as smartphone distribution channels.
- Device manufacturers that want to identify worldwide and regional opportunities in terms of smartphone unit sales growth and primary regional drivers.
- Smartphone distributors and wholesale executives who are interested in learning more about operator and vendor initiatives for smartphone sales, regional growth expectations and key trends.

GEOGRAPHICAL COVERAGE	KEY METRICS
<ul style="list-style-type: none"> ▪ Worldwide ▪ Central and Eastern Europe (CEE) ▪ Developed Asia–Pacific (DVAP) ▪ Emerging Asia–Pacific (EMAP) ▪ Latin America (LATAM) ▪ Middle East and North Africa (MENA) ▪ North America (NA) ▪ Sub-Saharan Africa (SSA) ▪ Western Europe (WE) 	<p>Worldwide</p> <ul style="list-style-type: none"> ▪ Unit sales of mobile handsets (smartphones and non-smartphones) ▪ Mobile handset connections (smartphones and non-smartphones) ▪ Sales of 5G-enabled mobile handsets (smartphones) ▪ Connections from 5G-enabled mobile handsets (smartphones) ▪ Smartphone sales by manufacturer (2015–2019) <p>Regional</p> <ul style="list-style-type: none"> ▪ Unit sales of mobile handsets (smartphones and non-smartphones) ▪ Mobile handset connections (smartphones and non-smartphones) ▪ Sales of 5G-enabled mobile handsets (smartphones) ▪ Connections from 5G-enabled mobile handsets (smartphones)

Contents

5. Worldwide trends

- 6. Worldwide: smartphones sales will increase moderately over the forecast period, and growth will be particularly strong in emerging markets
- 7. Worldwide: most of the increase in global smartphone sales will come from emerging regions such as EMAP and SSA
- 8. Worldwide: feature phones sales will continue to dwindle, and will account for just 12% of all handset sales worldwide in 2024
- 9. Worldwide: smartphones sales for the 'big four' Chinese brands have more than doubled over the past 4 years
- 10. Worldwide: 5G is set to be the key driver for boosting smartphone sales in developed markets

11. Western Europe

- 12. Western Europe: smartphone sales will continue to decline until 2020, at which point moderate growth is expected

- 13. Western Europe: key regional trends

14. Central and Eastern Europe

- 15. Central and Eastern Europe: the demand for budget smartphones is high
- 16. Central and Eastern Europe: key regional trends

17. Middle East and North Africa

- 18. Middle East and North Africa: first-time prepaid users will continue to drive sales over the forecast period
- 19. Middle East and North Africa: key regional trends

20. Sub-Saharan Africa

- 21. Sub-Saharan Africa: low smartphone penetration and the increasing demand for mobile broadband will drive growth in smartphone sales

- 22. Sub-Saharan Africa: key regional trends

23. Emerging Asia–Pacific

- 24. Emerging Asia–Pacific: smartphone sales will continue to increase steadily until 2024

- 25. Emerging Asia–Pacific: key regional trends

26. Developed Asia–Pacific

- 27. Developed Asia–Pacific: the launch of 5G will lead to an increase in smartphone sales by 2024

- 28. Developed Asia–Pacific: key regional trends

29. North America

- 30. North America: 5G should boost smartphone sales over the forecast period

- 31. North America: key regional trends

32. Latin America

- 33. Latin America: the improving economic output will lead to an increase in smartphone sales over the forecast period

- 34. Latin America: key regional trends

35. Forecast methodology and assumptions

- 36. Forecast methodology and assumptions

37. About the authors and Analysys Mason

- 38. About the authors

- 39. Analysys Mason's consulting and research are uniquely positioned

- 40. Research from Analysys Mason

- 41. Consulting from Analysys Mason

List of figures

Figure 1: Mobile handset unit sales by type, and the smartphone share of connections, worldwide, 2016–2024

Figure 2: Smartphone unit sales by region, 2019 and 2024

Figure 3: Non-smartphone unit sales by region, 2019 and 2024

Figure 4: Smartphone unit sales by manufacturer, worldwide, 2015–2019

Figure 5: 5G-capable handset unit sales by region, 2021–2024, and the 5G-capable share of connections, worldwide, 2024

Figure 6: Mobile handset connections by type, and smartphone share of connections, Western Europe, 2016–2024

Figure 7: Smartphone unit sales and smartphone share of mobile handset unit sales, Western Europe, 2016–2024

Figure 8: Key regional trends in the handset market, Western Europe

Figure 9: Mobile handset connections by type, and smartphone share of connections, Central and Eastern Europe, 2016–2024

Figure 10: Smartphone unit sales and smartphone share of mobile handset unit sales, Central and Eastern Europe, 2016–2024

Figure 11: Key regional trends in the handset market, Central and Eastern Europe

Figure 12: Mobile connections by type, and smartphone share of connections, Middle East and North Africa, 2016–2024

Figure 13: Smartphone sales and smartphone share of mobile handset sales, Middle East and North Africa, 2016–2024

Figure 14: Key regional trends in the handset market, Middle East and North Africa

Figure 15: Mobile connections by type, and smartphone share of connections, Sub-Saharan Africa, 2016–2024

Figure 16: Smartphone unit sales and smartphone share of mobile handset unit sales, Sub-Saharan Africa, 2016–2024

Figure 17: Key regional trends in the handset market, Sub-Saharan Africa

Figure 18: Mobile connections by type, and smartphone share of connections, emerging Asia–Pacific, 2016–2024

Figure 19: Smartphone unit sales and smartphone share of mobile handset unit sales, emerging Asia–Pacific, 2016–2024

Figure 20: Key regional trends in the handset market, emerging Asia–Pacific

Figure 21: Mobile connections by type, and smartphone share of connections, developed Asia–Pacific, 2016–2024

Figure 22: Smartphone sales and smartphone share of mobile handset unit sales, developed Asia–Pacific, 2016–2024

Figure 23: Key regional trends in the handset market, developed Asia–Pacific

Figure 24: Mobile handset connections by type, and smartphone share of connections, North America, 2016–2024

Figure 25: Smartphone unit sales and smartphone share of mobile handset unit sales, North America, 2016–2024

Figure 26: Key regional trends in the handset market, North America

Figure 27: Mobile handset connections by type, and smartphone share of connections, Latin America, 2016–2024

Figure 28: Smartphone unit sales and smartphone share of mobile handset unit sales, Latin America, 2016–2024

Figure 29: Key regional trends in the handset market, Latin America

Figure 30: Main enablers and constraints for our smartphone forecasts

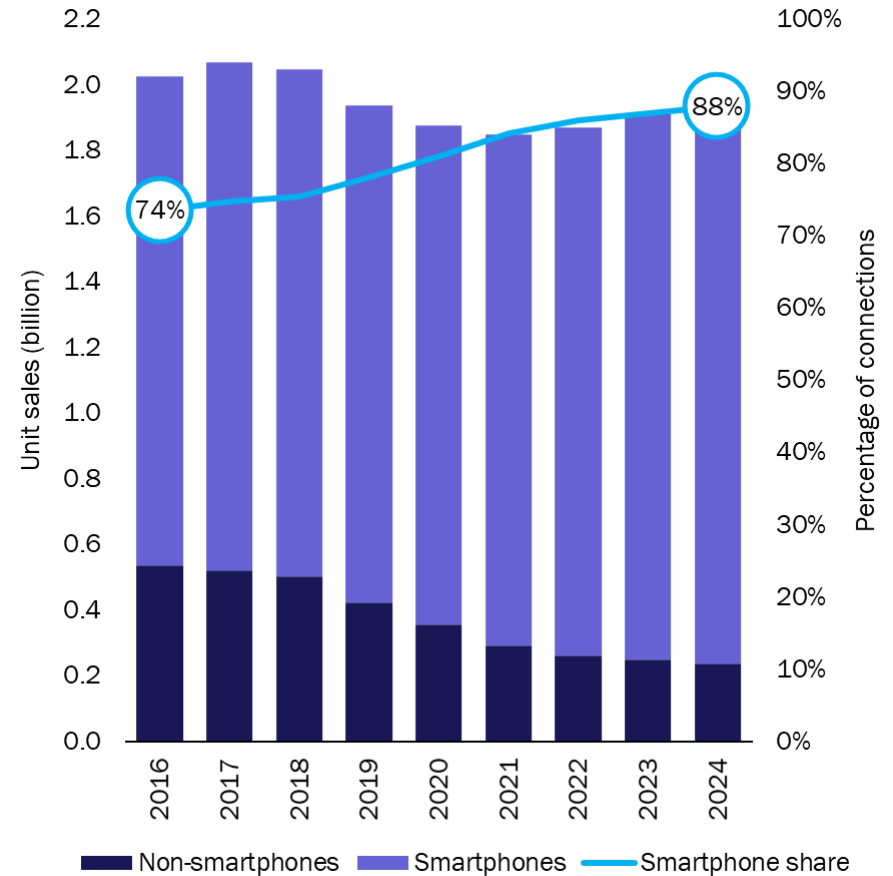
Worldwide: smartphones sales will increase moderately over the forecast period, and growth will be particularly strong in emerging markets

Worldwide smartphone sales have declined for two consecutive years, due to the saturation of developed markets.

The mobile markets in North America (NA), Western Europe (WE) and developed Asia–Pacific (DVAP) are saturated. Smartphone sales in these regions increased rapidly until 2015; they then plateaued for 2 years and subsequently declined. Sales in China have also been falling since 2016, despite the country having the largest smartphone market in the world (over 27% of worldwide sales).

This decline is largely due to lengthening replacement cycles because a lack of design innovation has slowed the demand for new models. Moreover, the increased penetration means that there are fewer first-time customers, and migration to SIM-only plans has hindered device sales growth. The declining trend in developed markets is expected to continue until the end of 2020, at which point 5G technology is anticipated to lead to a small boost in smartphones sales because vendors such as Apple will launch new, 5G-compatible devices, and Chinese manufacturers will address the lower-value market with affordable devices. This boost will drive an overall increase in global handset sales from 2021 onwards, but the level of sales achieved in 2015 will not be reached.

Figure 1: Mobile handset unit sales by type, and the smartphone share of connections, worldwide, 2016–2024



Source: Analysys Mason

Worldwide: 5G is set to be the key driver for boosting smartphone sales in developed markets

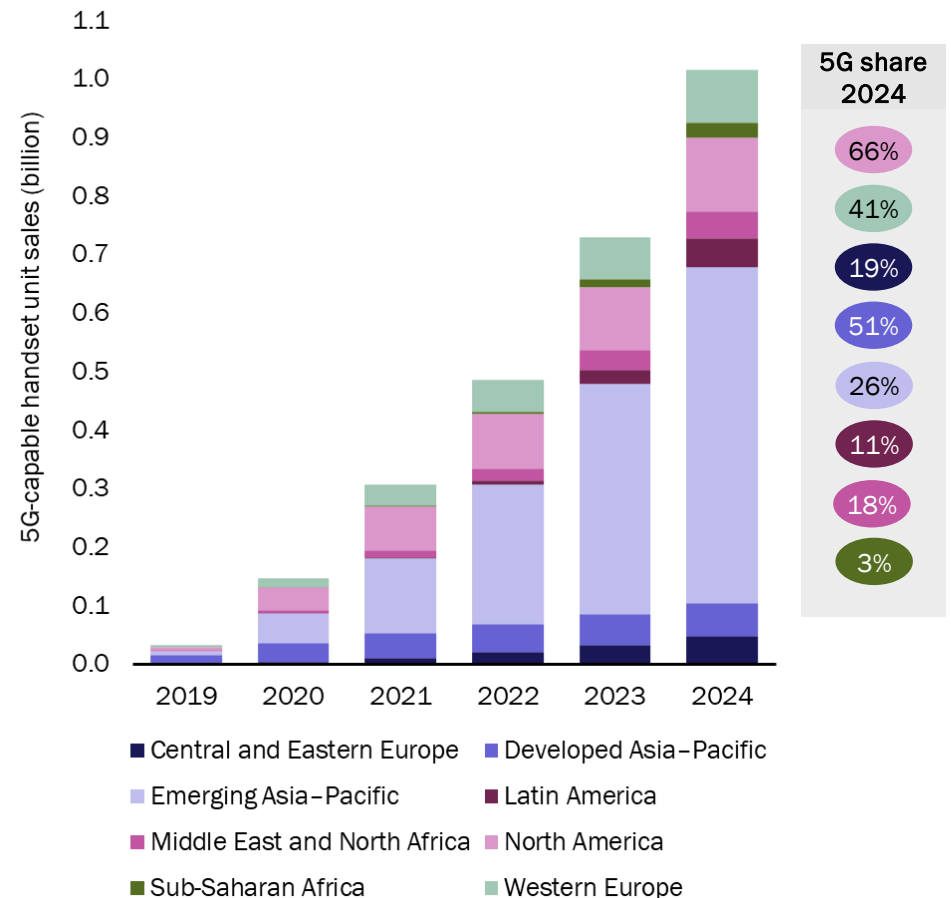
We forecast that the number of 5G-enabled smartphones worldwide will be more than 1.7 billion by 2024.

Most major developed markets should have active 5G networks by the end of 2020, representing a potential opportunity for smartphone vendors. However, unlike 4G, the mass-market consumer use case for 5G (beyond improved speeds and latency) is currently unclear. 4G's success was largely due to the support for mobile video, whereas much of 5G's potential for differentiation lies in the support for new types of content such as AR gaming. 5G adoption is already strong in South Korea, but the market in this country can be considered to be an outlier due to its advanced content ecosystem.

The established nature of smartphone vendors and the high level of competition means that 5G device development is evolving at pace, and fears over short battery life and unwieldy device sizes have been allayed. Most significant vendors launched devices in 2019 (although Apple is not expected to release its device until 2020). The launch of 5G gives mid-market brands such as Xiaomi, Oppo and Vivo the opportunity to increase their market share in developed markets because their initial 5G devices undercut the premium competition from Samsung. Xiaomi already sells a device for less USD300.

The buzz around 5G and increasing device innovation (such as folding phones) will temporarily shorten replacement cycles in most developed markets, and will lead to an increase in sales.

Figure 5: 5G-capable handset unit sales by region, 2021–2024, and the 5G-capable share of connections, worldwide, 2024



Source: Analysys Mason



Worldwide trends

Regional trends

Western Europe

Central and Eastern Europe

Middle East and North Africa

Sub-Saharan Africa

Emerging Asia–Pacific

Developed Asia–Pacific

North America

Latin America

Forecast methodology and assumptions

About the authors and Analysys Mason

About the authors



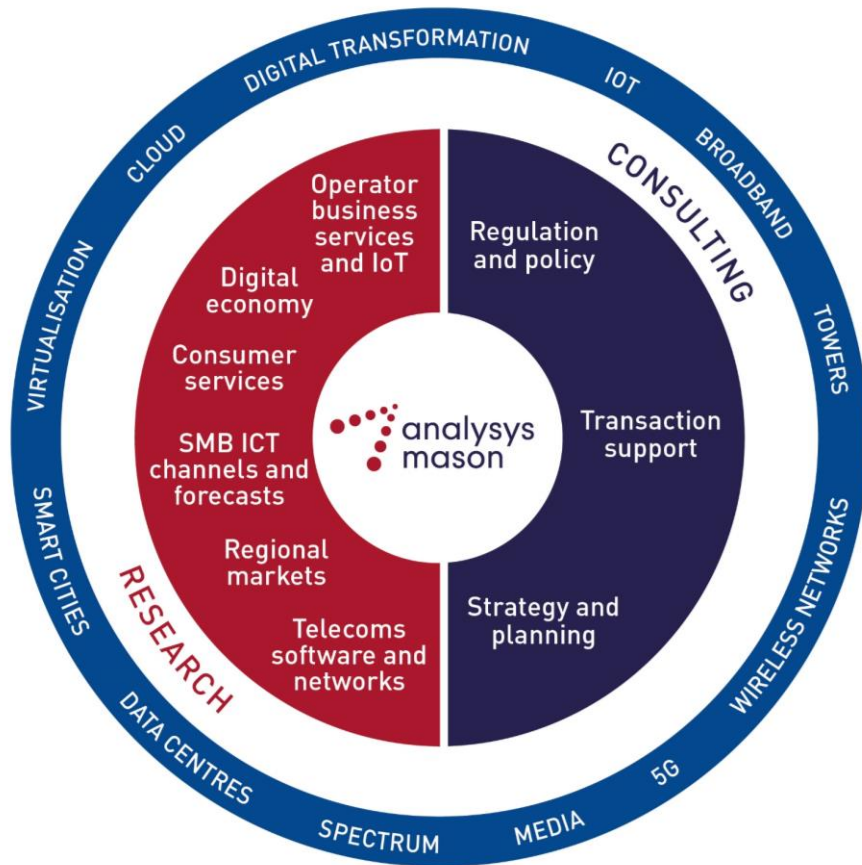
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