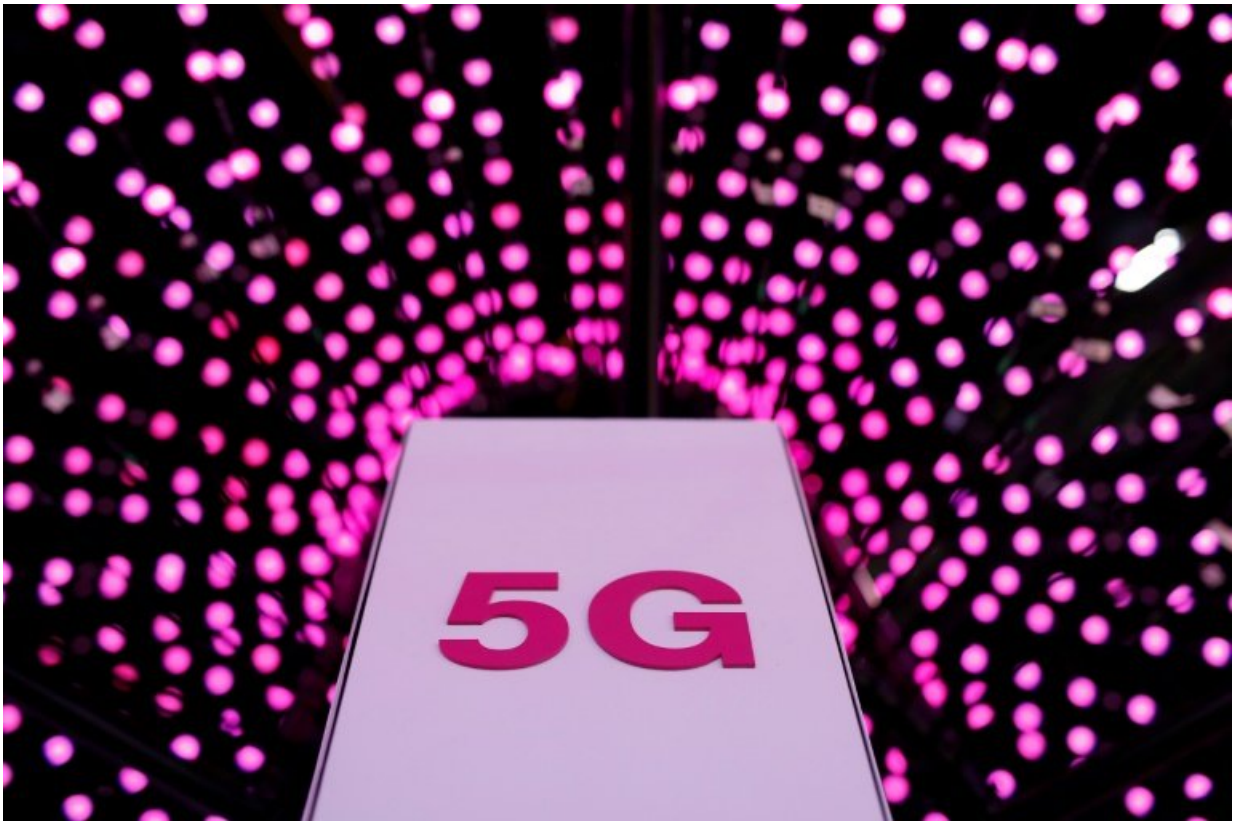


# In race for 5G, China leads South Korea, US: study

April 16 2018

---



A new study shows China and South Korea most prepared for deployment of 5G, or fifth generation wireless networks, followed by the United States and Japan

China is slightly ahead of South Korea and the United States in the race to develop fifth generation wireless networks, or 5G, a US study showed

Monday.

The study released by the CTIA, a US-based industry association of wireless carriers, suggested that the United States is lagging in the effort to deploy the superfast wireless systems that will be needed for self-driving cars, telemedicine and other technologies.

The report prepared by the research firm Analysys Mason found that all major Chinese providers have committed to specific launch dates and the government has committed to allocate spectrum for the carriers.

The 10-nation study said the US is in the "first tier" of countries in preparing deployment of 5G, along with China, South Korea and Japan. In the second tier are key European markets including France, Germany and Britain, with Singapore, Russia and Canada in the third tier.

Industry officials say 5G deployment will reap important [economic benefits](#) for the leaders, and that lagging could have negative effects.

"The United States will not get a second chance to win the global 5G race," said Meredith Attwell Baker, CTIA president and chief executive.

"I'm confident that America can win and reap the significant economic benefits of 5G wireless due to our world-leading commercial investments."

Baker said the US still needs to enact measures to reform local zoning rules and unlock access to spectrum as part of a broader plan for 5G.

"I'm optimistic we will leapfrog China because key leaders in the administration, on Capitol Hill, and at the FCC (Federal Communications Commission) are focused on the reforms needed to win the race."

According to the study, Europe led that way in 2G, the second generation, while Japan was ahead in 3G and the United States in 4G.

The first commercial 5G roll-outs begin this year and next in the United States, Korea and Japan, and the wireless industry is counting on the new technology to trigger a wave of growth in equipment sales and mobile services.

© 2018 AFP

Citation: In race for 5G, China leads South Korea, US: study (2018, April 16) retrieved 9 April 2024 from <https://techxplore.com/news/2018-04-5g-china-south-korea.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--