

## Survey Results: Consumers on 5G



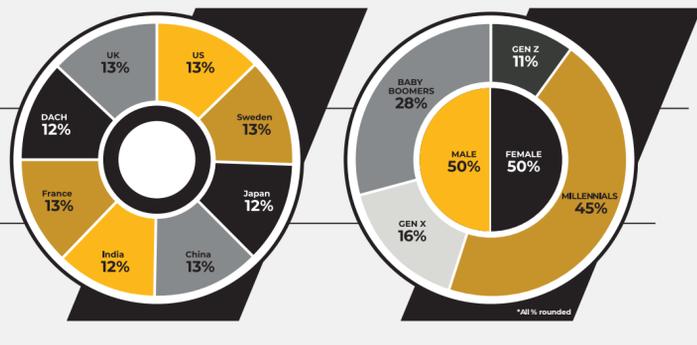
We've heard a lot about 5G: It's coming, it's here, it can't go there, it will change our lives, it will better the planet, it isn't secure, it will increase productivity and grow the economy, it's too expensive, etc.

What we haven't heard, however, is how consumers are processing all these different messages about the latest-and-greatest generation of wireless communication. Until now...

**16,037**  
RESPONDENTS

**10**  
COUNTRIES / REGIONS

**4**  
GENERATIONS

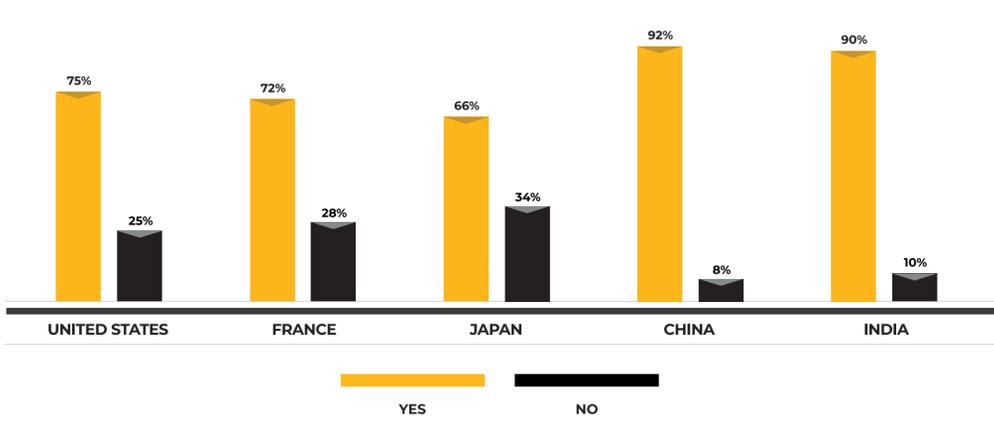


### What is 5G?

When asked, Do you know what 5G is, 78% of respondents said "yes." But, when we looked across geographies, we saw big differences between those in-the-know and those who answered "no":

- 92% in China vs. 66% in Japan responded "yes."
- 1 in 4 in the U.S. answered "no."

#### // DO YOU KNOW WHAT 5G IS?

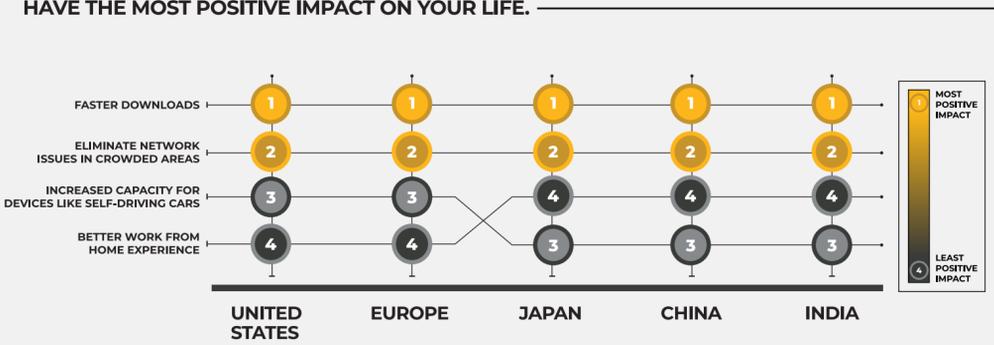


### What's in It for Me?

Across all geographies and generations, respondents believe "faster downloads" (#1) and elimination of "network issues" (#2) will have the most positive impact on their lives.

However, while the U.S. and Europe reported "increased capacity" as a bigger positive than an improved "work from home" (WFH) experience, APAC countries reported the opposite.

#### // RANK THE FOLLOWING BENEFITS OF 5G IN ORDER OF WHICH ONES YOU BELIEVE WILL HAVE THE MOST POSITIVE IMPACT ON YOUR LIFE.

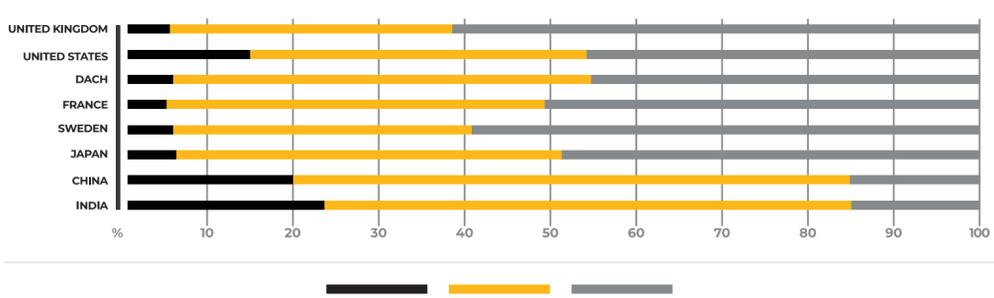


### 5G Access Expectations

Only 11% of respondents reported having access to 5G, while 42% expect 5G access to take one year or longer.

- 16% of millennials have access; 58% believe they'll have access within a year.
- Baby boomers are less optimistic: Only 5% have access; 29% believe they'll have access within a year.

#### // WHEN DO YOU EXPECT TO HAVE ACCESS TO 5G?

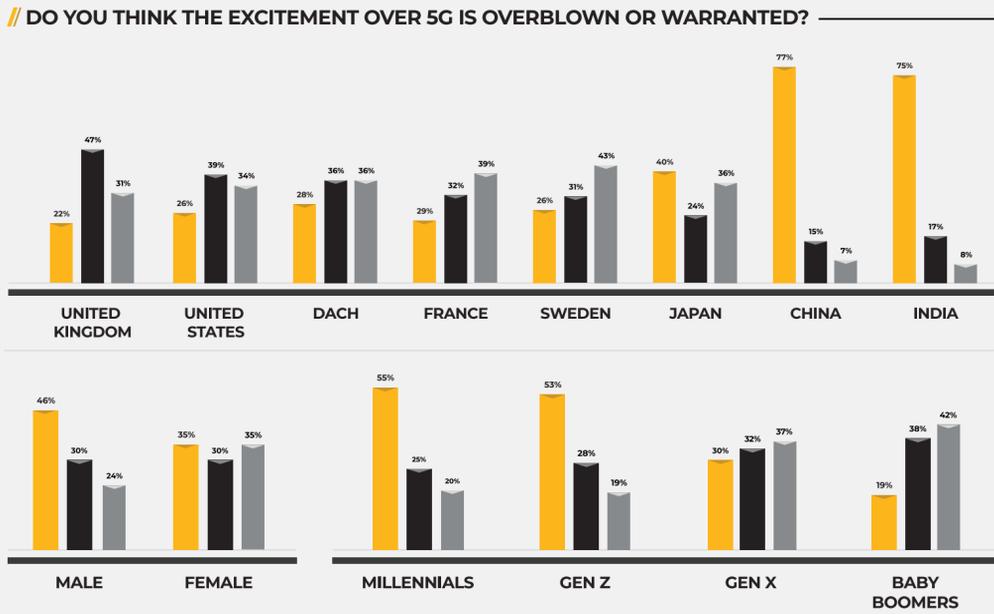


### Despite the Hype

To would-be consumers, 5G is touted as a game-changer. However, when asked if the excitement was "warranted" (and a drastic improvement over 4G) or "overblown," only 41% chose the former.

The British, by far, deem 5G "overblown," while the Chinese and Indian respondents overwhelmingly believe the hype is warranted.

#### // DO YOU THINK THE EXCITEMENT OVER 5G IS OVERBLOWN OR WARRANTED?

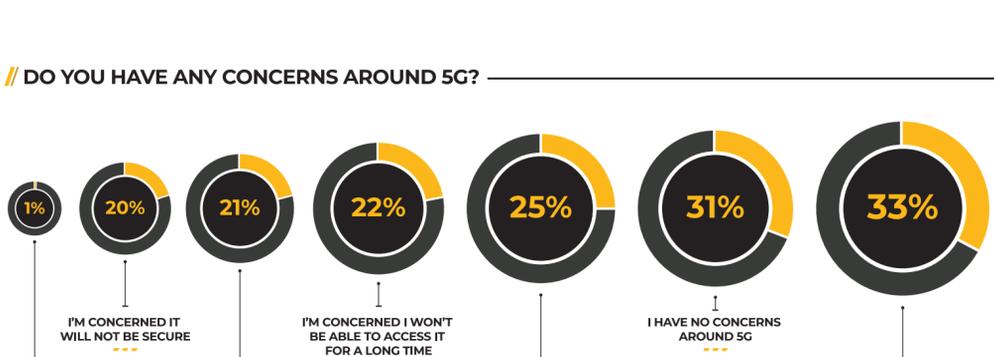


### No Worries

Survey participants in all geographies — with the important exception of APAC — most often selected "no concerns around 5G" from the list of provided responses.

- 46% of respondents from Sweden have "no concerns" versus from China (15%) and India (12%).
- 44% of baby boomers have "no concerns" versus 23% of millennials.
- Respondents, most notably in China and India, were most concerned that 5G will be "too expensive"; concerns about battery drainage was a close second.

#### // DO YOU HAVE ANY CONCERNS AROUND 5G?

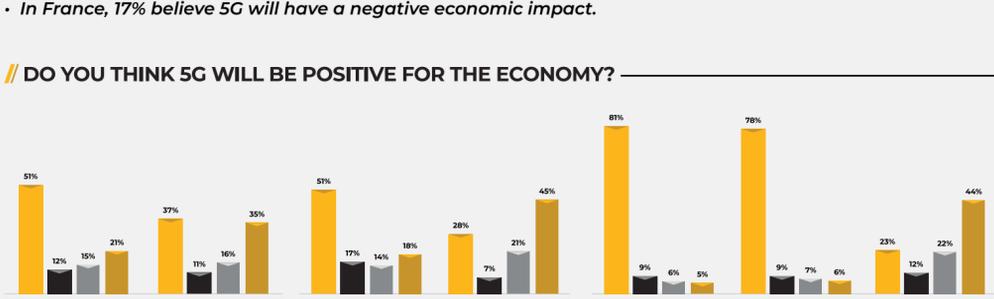


### Show Me the Money

Do you think 5G will be positive for the economy? It depends whom you ask — and which gender, generation and country boxes they ticked.

- While 44% of respondents believe the impact will be positive, 28% "don't know" (16% think neither positive nor negative, 11% think "negative").
- In France, 17% believe 5G will have a negative economic impact.

#### // DO YOU THINK 5G WILL BE POSITIVE FOR THE ECONOMY?



For more insights from the Ansys 5G consumer survey and to learn more about Ansys 5G solutions, visit <https://www.ansys.com/5g-survey>.

#### Survey Methodology:

Ansys enlisted Atomik Research and its team of MRS-certified researchers to conduct the online survey in March 2020. The sample included 16,037 adults 18-and-over, from the U.K., U.S., DACH (Austria, Germany and Switzerland), France, Sweden, Japan, China and India.