

# New Report Shows Skyrocketing Demand for Wi-Fi Across U.S. Businesses & Need to Expand Unlicensed Spectrum

Wi-Fi use within the American business landscape is booming, with skyrocketing demand demonstrating that businesses are increasingly relying on Wi-Fi throughout the entire 6 GHz spectrum band for today's wireless connectivity solutions.

A new report from ABI Research underscores the critical need to protect and expand unlicensed spectrum to support growing Wi-Fi demand for residential and enterprise use. Key highlights of the report include:

- **Skyrocketing Demand:** The report makes clear that demand for Wi-Fi in business settings continues to skyrocket. Annual global shipments of 6 GHz-enabled Wi-Fi chipsets soared from 200 million in 2022 to 1.1 billion in 2025 and are projected to reach 2.6 billion in 2030 – a 136% increase in just five years!
- **Need Across Critical Industries:** Explosive demand is seen across critical industries. For example, the overwhelming majority (nearly 74%) of the education market is expected to transition to 6 GHz-enabled technology by 2030. Healthcare is also seeing rapid adoption, with a 151% surge in 6 GHz-enabled Wi-Fi infrastructure shipments between 2023 and 2025, and a further projected increase of almost 60% by 2030.
- **Fully Utilizing the 6 GHz Band:** U.S. businesses are utilizing the entirety of the 6 GHz band and capitalizing on the forward-thinking spectrum policies that give them a competitive edge and make the U.S. a leader in global wireless policy. Any attempts to disrupt access to the band for unlicensed use would be detrimental to the industries that rely on this connectivity, as well as the broader U.S. economy.
- **Expansion Needed to Meet Demand:** To meet the rapid increases in demand, the report underscores the need to expand unlicensed spectrum allocation into the lower 7 GHz band. Allocating just the 7125 – 7250 MHz portion of the lower 7 GHz band would serve as a natural continuation and unlock an additional 320 MHz channel, which would result in significantly lower latencies for next-generation Wi-Fi technology.

**Bottom line: Policymakers should not only protect the 6 GHz band for unlicensed use but also expand unlicensed spectrum to adjacent bands to keep up with demand, support critical industries, and maintain America's competitive edge on the global stage. Smart policy decisions now will ensure that Wi-Fi can continue its proven track record of delivering for American families and businesses every day.**