

U.S. Health Care: Cellular In-Building Wireless Spending Forecast, 2020- 2025

Market Study
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Abstract

Many hospitals (inpatient buildings) and medical offices/facilities (outpatient buildings) in the U.S. are good candidates for in-building wireless (IBW) systems, which are deployed to handle the voice and data traffic of employees (doctors, nurses, etc.), support staff, third-party vendors, patients and visitors.

This market study provides a revised forecast of the cellular in-building wireless (IBW) market for inpatient and outpatient health care buildings. *iGR* found that due to the pandemic, the IBW market for 2020 and beyond is significantly different than it was previously, and pre-2020 trends are largely irrelevant now.

The 2021 revised forecast was modeled with:

- New data and assumptions regarding the (ongoing) COVID-19 pandemic
- Newly available data (November 2020) from the Commercial Buildings Energy Consumption Survey (CBECS)
- Information gathered from conversations with multiple solution providers in the IBW market.

Included in the market study is a five-year forecast for both network build spending and operational spending for the deployment of cellular IBW in U.S. health care buildings in the sub 6 GHz, CBRS, and mmWave bands.

Key questions addressed in this study:

- What are inpatient and outpatient health care buildings? What applications and services are enabled in a smart/connected health care building?
- How has COVID-19 impacted the IBW market for health care buildings?
- How much will be spent to build and operate sub 6 GHz, CBRS and mmWave IBW systems in U.S. inpatient and outpatient health care buildings from 2020 to 2025?
- What technologies are required for a smart health care building?
- What are 5G, CBRS, and mmWave, some of the technologies and spectrums that will support cellular IBW?



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This market study is recommended for:

- Mobile operators, particularly those servicing the U.S. market
- Mobile backhaul providers, including telcos and cable MSOs
- Wired and wireless backhaul vendors and solution providers
- Mobile OEMs, particularly those servicing the U.S. market
- Wired and wireless infrastructure vendors, particularly those servicing the U.S. market
- Financial and investment analysts.



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