

**U.S. Fixed Wireless
Access Forecast,
2018-2023:
*Banding together –
Cellular, CBRS and
mmWave***

Market Study
2Q 2019





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Abstract

The fixed wireless access (FWA) market has been the unremarked provider of broadband Internet service to millions of Americans for decades. It is only recently with the advent of 5G and mmWave spectrum bands that the FWA market has begun to heat up and receive considerable attention.

In this report, *iGR* identifies several sub-categories in the FWA market: the traditional fixed wireless bands, CBRS, mmWave and cellular-based fixed wireless.

This report builds off the methodology *iGR* used in its fixed wireless reports that were published in 2018 and provides a total addressable market (TAM) forecast for FWA in terms of household and cellsites. This report also forecasts the actual number of households subscribing to FWA in the U.S. between 2018 and 2023.

Key questions addressed:

- What is the traditional fixed wireless access market?
- What is millimeter wave and how will it be used? Why is millimeter wave important?
- What is mid-band spectrum and how will it be used?
- What is the goal of 5G NR-based mmWave solutions as deployed by some of the new market entrants?
- What are the pros and cons to deploying mmWave? What are the challenges?
- How big is the traditional fixed wireless access market? How many households use that service?
- Which FWA markets are addressable by the various wireless bands available?
- How big is the mmWave-based fixed wireless access market? How many households will use that service?
- How big is the market opportunity for CBRS fixed wireless service? How many households are expected to use these services?

Who should read this report?

- Mobile network operators
- Microwave spectrum holders and operators
- CBRS solution providers

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- Cable MSOs
- Wireline telcos
- Fixed wireless solution vendors
- Financial analysts and investors.

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