

**North America LTE
Metrocell Forecast,
2013 - 2018:
*Addressable Market,
Deployments and
Spending***

Market Study
Third Quarter, 2014





North America LTE Metrocells Forecast, 2013 - 2018: *Addressable Market, Deployments and Spending*

A Market Study

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Abstract

As compared to macrocells, metrocells are low power cell sites that operate on an operator's licensed frequency to provide additional coverage and/or capacity in a given urban area. This report provides a forecast for both the North American total addressable market for LTE metrocells and a forecast for the expected actual North American deployments of LTE metrocells.

As part of the "small cell" category, metrocells are part of the heterogeneous network concept that many global wireless operators are moving toward in order to meet the rising demand for mobile data. This approach – typically referred to as the heterogeneous network or het-net – combines RAN upgrades, new licensed spectrum, WiFi, small cells of various types and distributed antenna systems (DAS).

The assumptions underlying *iGR's* LTE metrocell forecasts are explained in this report. The forecasts are further based on *iGR's* global connections forecast report and *iGR's* mobile data forecast report, as well as *iGR's* primary and secondary research, and various other sources.

Key questions addressed in this report include:

- What is a metrocell?
- How do metrocells fit into operators' evolving networks?
- Where are metrocells most likely to be located? What is their role?
- How much mobile data do end users in the U.S. consume per month?
- How much mobile data capacity will be required in the next five years?
- How many metrocells are forecast to be deployed?
- How does the forecast for actual metrocell deployments compare to the metrocell total addressable market (TAM)?
- How much would deploying these LTE metrocells cost?

Who should read this report?

- Mobile operators
- Infrastructure OEMs
- Small cell product and solution vendors
- Backhaul service providers and equipment OEMs

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- Financial analysts and investors.

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