

Generation Data—Global 3G Market Review

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Report Summary

4G, whatever that might actually be, tends to suck all the air out of the room when people are talking about mobile broadband. This overlooks today's mobile broadband networks, generically called 3G, and the fact that there remains a lot of life left in 3G. For at least the next half-decade, more people will experience mobile broadband via a 3G network than they will from either of the two technologies (LTE, WiMAX) commonly referred to as 4G. Of two of the most populace countries of the world, one of them, China, has just started deploying 3G, and the other, India, hasn't even licensed spectrum to operators. Even in the US, T-Mobile just launched its 3G network last year. The advent of the next wireless technology generation hardly means the end of the previous. This report provides:

- All base station forecasts segmented by GSM, CDMA2000, CDMA EV-DO, WCDMA/HSPA+, TD-SCDMA, and LTE
- Base station forecasts for both total deployed and yearly shipments
- Handset forecasts by GSM, CDMA, WCDMA/HSPA+, LTE, and TD-SCDMA
- Data revenue forecasts broken down by 2G & 3G, across six global regions
- 2G & 3G data ARPU across six global regions
- 3G network deployments by region and infrastructure vendor
- Vendor profiles

HIGHLIGHTS

- In 2013, 2G, 3G, and LTE will combine for 5.6 billion subscriptions.
- The three biggest markets for mobile data are Asia/Pacific, Western Europe, and North America.
- Shipments of phone handsets will decline in 2009, but rebound in 2010.

For more information or to purchase, see the [report online](#) or call 1.480.483.4441.

Companies Mentioned in this Report

- Alcatel-Lucent
- Ericsson
- Fujitsu
- Huawei
- Intel
- LG
- NEC
- Nokia Siemens
- Samsung
- Texas Instruments
- ZTE

Whose Needs Does This Report Address?

- Equipment, chip, and device vendors
- Companies interested in entering the mobile broadband space

What Questions Does This Report Answer?

- How many base stations ship annually?
- What is the data service revenue ARPU across different regions and by technology?
- Who the leading suppliers are in the market?
- What are the regional impacts on the market?
- How big will the 3G market be for handsets, infrastructure, and services in 2013?

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Methodology

Primary research was conducted through direct interviews, face-to-face, over the phone, or via email, with device and infrastructure vendors, service providers, and semiconductor companies with an interest in WCDMA, CDMA EV-DO, LTE, and WiMAX. The interviews were conducted during the third and fourth quarters of 2008 and first quarter of 2009.

Other data used in this report comes from In-Stat's proprietary database and secondary sources, such as industry publications and financial reports.

Subscription forecasts come from both publicly available data and data provided to In-Stat under non-disclosure agreements. When forecasting, In-Stat factors in the following: service provider and government broadband goals, service provider business models, modeling data from similar services, local economic conditions, and existing in-country communication services. Infrastructure forecasts are driven by expected network coverage, infrastructure vendor data, and expected subscription levels.

Numbers shown in tables and figures may not calculate exactly due to rounding—data is calculated at a higher precision than is shown. All numbers in forecasts, unless specified, are global. All revenue figures are in US dollars.

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