

**JULY 28, 2021**

## **IC Insights Forecasts a 21% Surge in IC Unit Shipments This Year**

*A 21% jump would be the largest increase in IC unit shipments since the boom year of 2010.*

This week, IC Insights will release its *Mid-Year Update to The McClean Report 2021* that includes its most current forecast for the global IC market from 2021 through 2025.

After a 6% drop in IC unit shipments in 2019, and an 8% increase in 2020, IC Insights forecasts a huge 21% jump in IC unit shipments this year. Unit shipments in 2021 are forecast to reach 391.2 billion, more than 11x the 34.1 billion units shipped over 30 years ago in 1990.

### **MORE INFORMATION CONTACT**

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The 2020-2025 IC unit volume CAGR is forecast to be 11%, five points more than the unit CAGR from 2015-2020.

***When ignoring the 5-year CAGR timeperiods with abnormally high or low endpoints, IC Insights believes that the long-term outlook for IC unit shipments is for a CAGR of 7%-8%, just below its 30-year rate of 9%.***

Illustrating how rare a drop in IC units shipments is, 2019 was only the fifth time in the history of the IC industry that IC unit volumes declined (the previous four years were 1985, 2001, 2009, and 2012) and there have never been two consecutive years of declining IC unit shipments.

Figure 1 shows the quarterly IC unit volume shipments as compared to the trend line from 2005 through a forecast for 2021. In 2008, underlying demand for ICs plummeted as the global economic recession hit with full force in the second half of the year.

The CAGR trend line for IC unit volume from mid-2008 through 2015 was reduced to 6% from the historical CAGR of 9%. One of the primary reasons for this was that worldwide GDP increased at an average of only 2.1% over this eight-year period. Moreover, even with a 6% decline in IC unit shipments in 2019, the expected 2016-2021 quarterly IC unit volume shipment trend line is forecast to increase three percentage points to 9%, spurred by the expected huge 21% jump in IC unit shipments in 2021.

## 2005-2021F Quarterly IC Unit Volume Shipment Trend

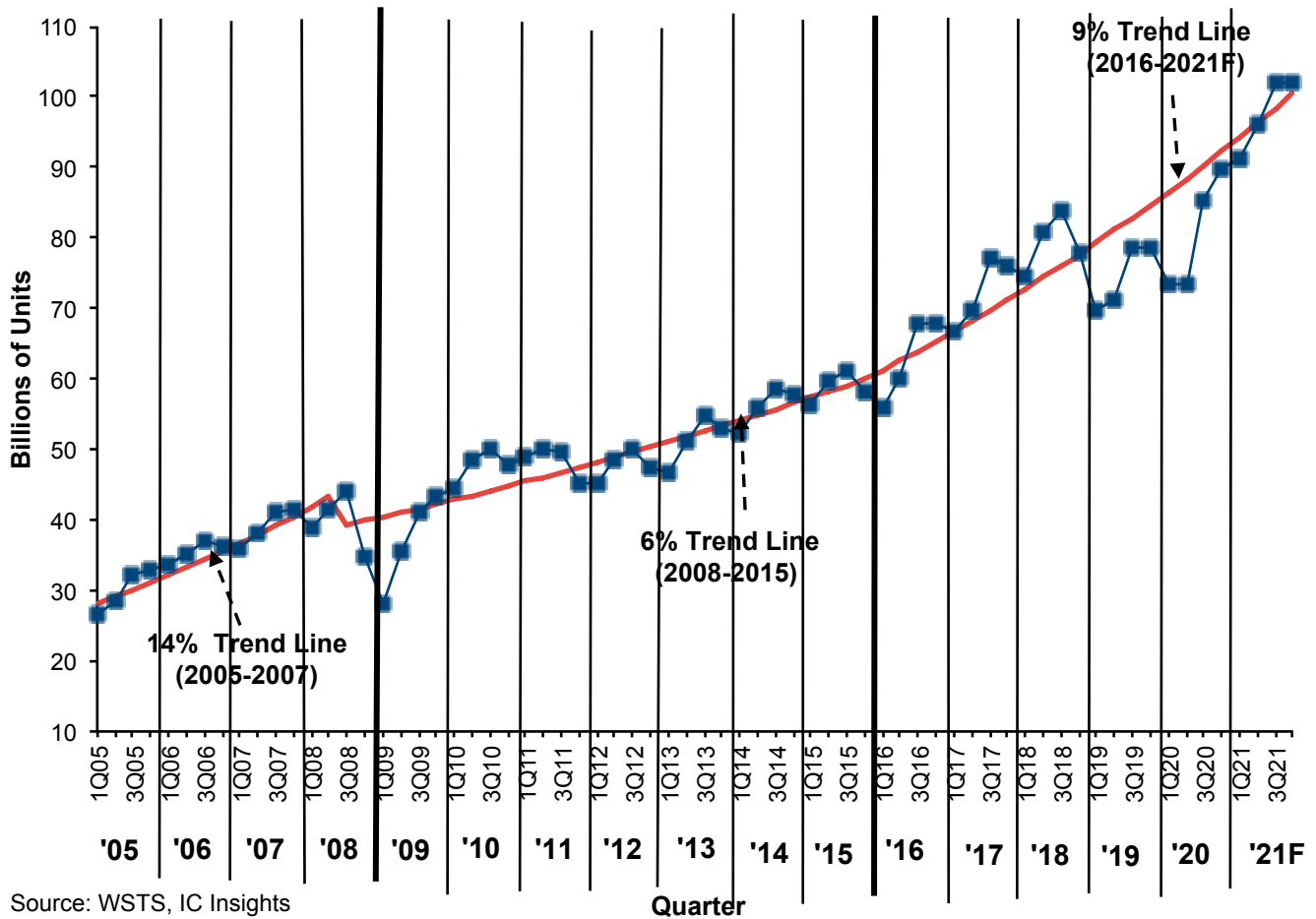


Figure 1

### Report Details: The 2021 McClean Report

The 2021 edition of *The McClean Report—A Complete Analysis and Forecast of the Integrated Circuit Industry* was released in January 2021 and the *Mid-Year Update* in July 2021. A subscription to *The McClean Report* includes **free** monthly updates from March through November (including a 180+ page *Mid-Year Update*), and **free** access to subscriber-only pre-recorded webcasts through November. An individual user license to the 2021 edition of *The McClean Report* is available for \$5,390 and a multi-user worldwide corporate license is available for \$8,590. The Internet access password and the information accessible to download will be available through November 2021.

<https://www.icinsights.com/services/mcclean-report/pricing-order-forms/>

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### **About IC Insights**

IC Insights, Inc., based in Scottsdale, Arizona USA, is dedicated to providing high-quality, cost-effective market research for the semiconductor industry. Founded in 1997, IC Insights offers coverage of global economic trends, the semiconductor market forecast, capital spending and fab capacity trends, product market details, and technology trends, as well as complete IC company profiles and evaluations of end-use applications driving demand for ICs.

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