

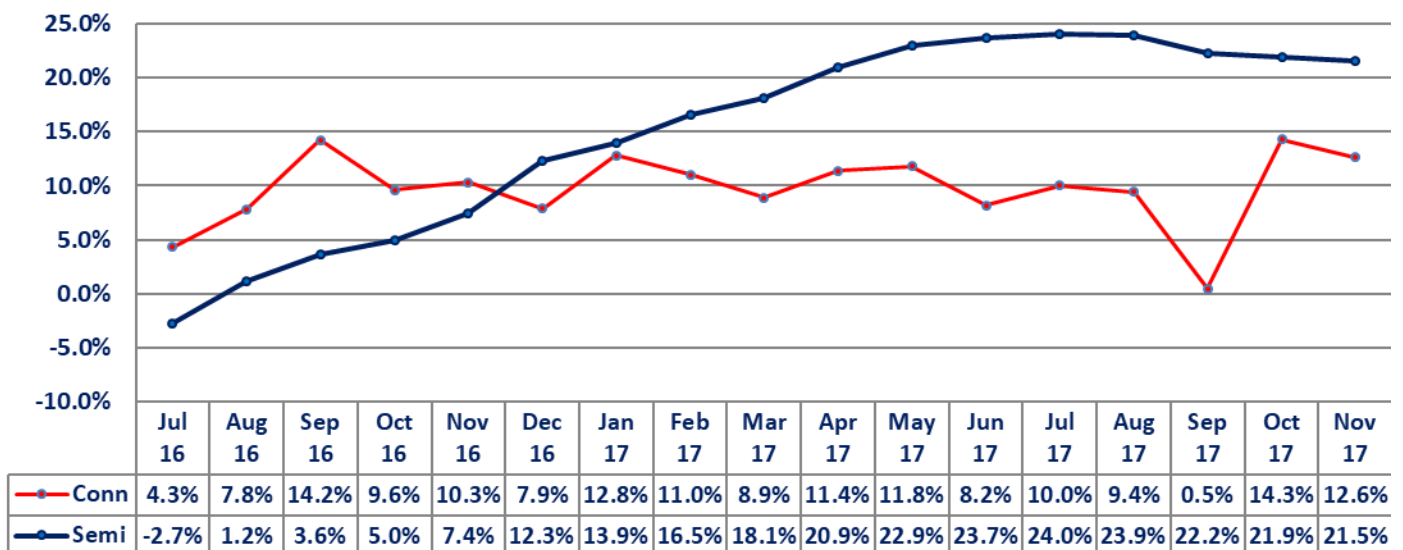
Semi Sales Up +21.5% in November Monthly Sales Reach \$37.7 Billion (Another Record)

The Semiconductor Industry Association (SIA) reported record November sales of \$37.7 billion, up +21.5% from November 2016 and up +1.6% sequentially. Regionally for November, the SIA reported that China grew +18.5% YOY, Japan grew +10.6%, Asia Pacific/Other grew +16.2%, the Americas grew +40.2% and Europe grew +18.8%.

The connector industry sales, measured in U.S. dollars, increased +12.6% to prior year in November and grew +10.3% sequentially. Regionally for November, YOY sales increased +11.3% in North America, +17.8% in Europe, +12.1% in China, +18.4% in ROW, +9.8% in Japan and Asia Pacific grew +6.2%

The following graph compares semiconductor sales performance to the connector industry.

Monthly Sales Performance
Year-Over-Year



- Semis grew for the 16th consecutive month and have outpaced Connectors for the last 12 months due to easier comparisons as their downturn started later than Connectors. Semis have grown in the lower 20% range for the last eight months.
- Semi sales growth may be plateauing as it is now moving into harder comparison to prior year.
- The record industry sales of semis demonstrate that the worldwide economies are strong.

The following table displays year-to-date performance, measured in U.S. dollars, by geographic region for both components.

**Sales Performance
November Year-To-Date**

	Semiconductors	Connectors
North America	31.6%	6.5%
Europe	15.1%	10.2%
Japan	12.8%	12.1%
China	23.3%	17.0%
Asia Pacific/Other	16.0%	4.1%
World	20.9%	10.3%

Source SIA & Bishop

Both components sales performance is tracking more closely on a regional basis and in total world sales. North America is the fastest growing region for semis followed by China.

High demand for semiconductors always leads to strong connector sales. It is apparent that both components will have a record year.

Semiconductors has upped its growth projection for the full-year 2017 to +20.6% which equals \$409 billion for the year. Their YTD growth is +20.9% indicating they will probably beat their forecast. Connectors is projecting +9.0% growth for 2017 to a value of \$59 billion. Their YTD growth is +10.3%.