

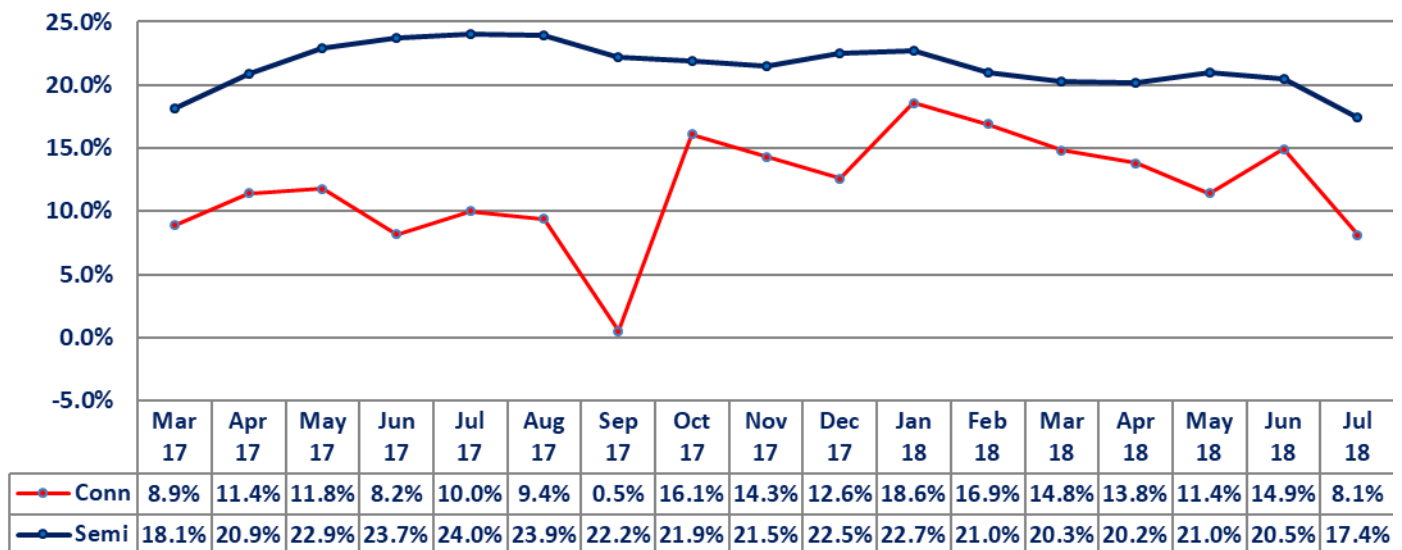
## Semi Sales Up +17.4% in July Ends Record 15 Months at >20% Growth

The Semiconductor Industry Association (SIA) reported record July sales of \$39.5 billion, up +17.4% from prior year and up +0.4% sequentially. Regionally for July, the SIA reported that China grew +29.4% YOY, Japan grew +11.5%, Asia Pacific/Other grew +5.7%, the Americas grew +20.7% and Europe grew +11.7%.

The connector industry sales, measured in U.S. dollars, increased +8.1% to prior year and contracted -5.2% sequentially. Regionally for July, YOY sales increased +11.9% in North America, +13.0% in Europe, +4.1% in China, +6.9% in Asia Pacific and +2.6% in ROW. Sales in Japan contracted -2.6% YOY.

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

Monthly Sales Performance  
Year-Over-Year



- Semis grew for the 24<sup>th</sup> consecutive month and have outpaced Connectors for the last 20 months. Semis had grown in the lower 20% range for the last 15 months but broke that string in July.
- Semi sales continue strong YOY growth despite difficult comparison to prior year, but the performance is continuing to tail down. Connector growth is also slowing down due to difficult comparisons to prior year.
- The continuing strong growth of sales of semis and connectors demonstrates strength in the worldwide economies, electronic industries and automotive.

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

**Sales Performance  
July Year-To-Date**

	<b>Semiconductors</b>	<b>Connectors</b>
<b>North America</b>	<b>32.1%</b>	<b>11.7%</b>
<b>Europe</b>	<b>18.9%</b>	<b>23.0%</b>
<b>Japan</b>	<b>13.8%</b>	<b>6.1%</b>
<b>China</b>	<b>23.6%</b>	<b>11.9%</b>
<b>Asia Pacific/Other</b>	<b>11.4%</b>	<b>10.8%</b>
<b>World</b>	<b>20.4%</b>	<b>14.1%</b>

Source SIA & Bishop

Both components sales growth performance is tracking more closely in total world sales. On a regional basis, however, performance is diverging in North America, Japan and China.

High demand for semiconductors always leads to strong connector sales. Both components had record sales in 2017 and have a very strong start in the first half 2018.

Connectors are projected to grow +10.8% in 2018 to \$66.6 billion. The SIA projects semiconductors to grow +12.4% in 2018 to \$463 billion.

The impact of the various tariffs between the major economies is not showing an obvious effect on the performance of either semis or connectors.