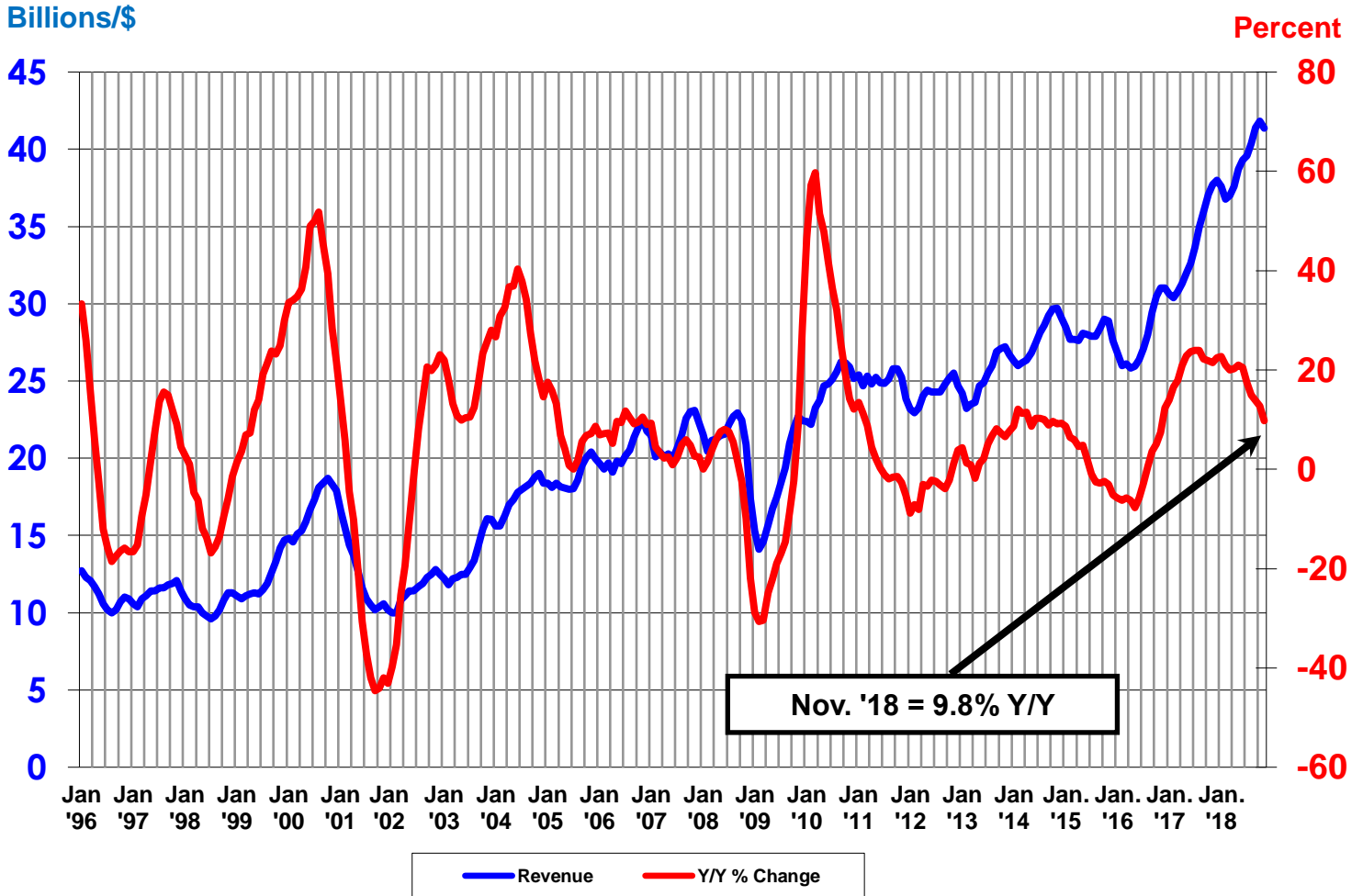


<b>November 2018</b>			
Billions			
Month-to-Month Sales			
Market	Last Month	Current Month	% Change
Americas	9.75	9.54	-2.2%
Europe	3.61	3.62	0.5%
Japan	3.37	3.39	0.4%
China	14.37	13.97	-2.7%
Asia Pacific/All Other	10.72	10.84	1.1%
<b>Total</b>	<b>41.82</b>	<b>41.37</b>	<b>-1.1%</b>
Year-to-Year Sales			
Market	Last Year	Current Month	% Change
Americas	8.77	9.54	8.8%
Europe	3.42	3.62	5.8%
Japan	3.21	3.39	5.6%
China	11.90	13.97	17.4%
Asia Pacific/All Other	10.39	10.84	4.4%
<b>Total</b>	<b>37.69</b>	<b>41.37</b>	<b>9.8%</b>
Three-Month-Moving Average Sales			
Market	Jun/Jul/Aug	Sept/Oct/Nov	% Change
Americas	8.82	9.54	8.2%
Europe	3.54	3.62	2.2%
Japan	3.39	3.39	0.1%
China	14.14	13.97	-1.2%
Asia Pacific/All Other	10.50	10.84	3.2%
<b>Total</b>	<b>40.39</b>	<b>41.37</b>	<b>2.4%</b>

# Worldwide Semiconductor Revenues

Year-to-Year Percent Change



Source: WSTS