



**WSTS Semiconductor Market Forecast Fall 2020**

Due to the COVID-19 situation, WSTS was unable to have a forecast meeting. This forecast was developed using the online forecast tool by WSTS member companies.

**FOR IMMEDIATE RELEASE:**

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**The Worldwide Semiconductor Market is expected to increase 5.1 percent in 2020, accelerating to 8.4 percent in 2021**

**Worldwide Semiconductor Market is forecasted to be US\$ 433 billion in 2020 - an increase of 5.1 percent from 2019**

The World Semiconductor Trade Statistics (WSTS) has released its new semiconductor market forecast generated in November 2020.

WSTS expects the world semiconductor market to be up by 5.1 percent to US\$ 433 billion in 2020. This reflects expected growth in all major product categories except Optoelectronics and Discrete Semiconductors. The largest growth contributors are Memory with 12.2 percent followed by Sensors with 7.4 percent. In 2020, Americas and Asia Pacific regions are expected to grow.

## Worldwide Semiconductor Market growth is expected to accelerate in 2021

For 2021, the global semiconductor market is projected to grow by 8.4 percent, driven by double-digit growth of Memory and Optoelectronics. All other product categories are also expected to show positive growth rates. All regions are expected to grow in 2021.

The semiconductor market overall is not that negatively impacted by the COVID-19 pandemic as originally expected earlier this year.

### **About WSTS:**

World Semiconductor Trade Statistics (WSTS) was founded in 1986 as a non-profit organization of semiconductor product companies and is the industry's only source for monthly industry shipment statistics.

For more information, please visit the WSTS web site at [www.wsts.org](http://www.wsts.org).

## WSTS Forecast Summary

Fall 2020	Amounts in US\$M			Year on Year Growth in %		
	2019	2020	2021	2019	2020	2021
Americas	78,619	93,343	102,164	-23.7	18.7	9.5
Europe	39,816	36,452	38,543	-7.3	-8.4	5.7
Japan	35,993	35,759	37,841	-9.9	-0.6	5.8
Asia Pacific	257,879	267,590	290,854	-8.8	3.8	8.7
<b>Total World - \$M</b>	<b>412,307</b>	<b>433,145</b>	<b>469,403</b>	<b>-12.0</b>	<b>5.1</b>	<b>8.4</b>
Discrete Semiconductors	23,881	23,593	25,292	-0.9	-1.2	7.2
Optoelectronics	41,561	40,481	44,628	9.3	-2.6	10.2
Sensors	13,511	14,515	15,642	1.2	7.4	7.8
Integrated Circuits	333,354	354,556	383,840	-15.2	6.4	8.3
Analog	53,939	53,954	58,578	-8.2	0.0	8.6
Micro	66,440	67,744	68,444	-1.2	2.0	1.0
Logic	106,535	113,419	121,507	-2.5	6.5	7.1
Memory	106,440	119,440	135,311	-32.6	12.2	13.3
<b>Total Products - \$M</b>	<b>412,307</b>	<b>433,145</b>	<b>469,403</b>	<b>-12.0</b>	<b>5.1</b>	<b>8.4</b>

Note: Numbers in the table are rounded to whole millions of dollars, which may cause totals by region and totals by product group to differ slightly.