

San Jose, California - December 3, 2024, 06:00 UTC

Global Semiconductor Market Poised for Strong Growth in 2024 and 2025

The World Semiconductor Trade Statistics (WSTS) organization has unveiled its latest projections for the global semiconductor market, highlighting robust growth expectations for 2024 and 2025.

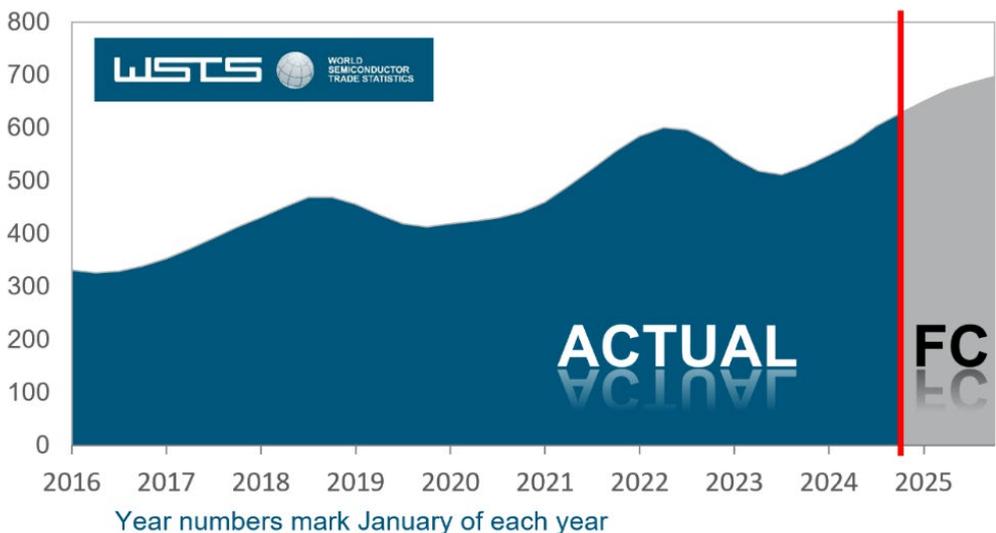
2024: A Year of Strong Rebound

In its updated fall forecast, WSTS has revised its 2024 projections upward, anticipating a significant 19.0% year-over-year growth in the semiconductor market. The global market value for 2024 is now estimated to reach \$627 billion, reflecting improved performance in second and third quarter of 2024, particularly in the computing sector.

Growth in 2024 will largely be fuelled by two Integrated Circuit segments: Memory, which is expected to increase by 81.0%, and Logic, with a projected increase of 16.9%. Meanwhile, other categories like Discrete, Optoelectronics, Sensors, and Analog Semiconductors are forecasted to see declines.

Regionally, the Americas and Asia Pacific are set to lead the recovery, with anticipated growth rates of 38.9% and 17.5%, respectively. In contrast, Japan is expected to post modest growth of 1.4%, while Europe may face a decline of 6.7%.

Global semiconductor billings (billion US\$) – 12MMA



2025: Momentum to Continue

Looking ahead, WSTS predicts broad based growth for the semiconductor market in 2025, with an 11.2% increase, bringing the global market valuation to an estimated \$697 billion. The growth will be driven predominantly by the Logic and Memory sectors, which together are projected to exceed \$400 billion in value. This includes a year-over-year growth of over 17% for Logic and 13% for Memory. Other semiconductor categories are expected to grow at more modest, single-digit rates, signalling steady overall expansion for the industry.

In 2025, all regions are poised for continued expansion. The Americas and Asia Pacific are expected to maintain their double-digit growth on a year-over-year basis.

WSTS Forecast Summary

Fall 2024	Amounts in US\$M			Year on Year Growth in %		
	2023	2024	2025	2023	2024	2025
Americas	134,377	186,635	215,309	-4.8	38.9	15.4
Europe	55,763	52,031	53,736	3.5	-6.7	3.3
Japan	46,751	47,410	51,866	-2.9	1.4	9.4
Asia Pacific	289,994	340,792	376,273	-12.4	17.5	10.4
Total World - \$M	526,885	626,869	697,184	-8.2	19.0	11.2
Discrete Semiconductors	35,530	31,546	33,377	4.5	-11.2	5.8
Optoelectronics	43,184	42,092	43,705	-1.6	-2.5	3.8
Sensors	19,730	18,732	20,034	-9.4	-5.1	7.0
Integrated Circuits	428,442	534,499	600,069	-9.7	24.8	12.3
Analog	81,225	79,433	83,157	-8.7	-2.2	4.7
Micro	76,340	79,291	83,723	-3.5	3.9	5.6
Logic	178,589	208,723	243,782	1.1	16.9	16.8
Memory	92,288	167,053	189,407	-28.9	81.0	13.4
Total Products - \$M	526,885	626,869	697,184	-8.2	19.0	11.2

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.

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.

Editorial Contacts:

For further information please consult the WSTS Administrator and CEO – Tobias Pröttel (tp@wsts.org).