

# EQUIPMENT MARKET DATA SUBSCRIPTION

HISTORICAL SHIPMENTS • FORECASTS • TRENDS

GLOBAL MONTHLY BILLINGS,  
QUARTERLY STATISTICS, AND  
BIANNUAL FORECASTS ON  
SEMICONDUCTOR EQUIPMENT

Semiconductor equipment plays a vital role in the manufacturing of integrated devices (ICs). Global semiconductor equipment billings contracted 11% year-over-year to US \$25.6 billion in the third quarter of 2023, while quarter-over-quarter billings slipped 1%. The SEMI Equipment Market Data Subscription (EMDS) report provides comprehensive market data for the global semiconductor equipment market, covering 90% of suppliers. The subscription includes three reports:

- Monthly SEMI Billings Report, a perspective on equipment market trends.
- Monthly Worldwide Semiconductor Equipment Market Statistics (WWSEMS), a detailed report of semiconductor equipment billings for seven regions and 22 market segments.
- SEMI Semiconductor Equipment Forecast, an outlook for the semiconductor equipment market.



## SEMI Equipment Market Data Subscription Worldwide Semiconductor Equipment Market Statistics by Category Worldwide SEMS 2021 Actual Billings (U.S. Dollars in Thousands)

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
<b>Total Equipment</b>								
Europe	306,219	205,894	71,561	253,087	202,060	254,640	249,554	266,217
Japan	377,020	535,797	743,204	652,442	490,771	623,087	656,086	547,621
North America	420,413	323,128	598,092	732,491	375,536	572,232	607,191	706,826
Korea	2,484,925	1,888,349	2,932,101	2,306,129	2,107,212	2,202,389	2,037,713	1,174,206
Taiwan	1,584,986	1,680,850	2,447,089	1,705,669	1,020,399	2,316,893	2,226,710	1,986,070
China	1,874,201	1,436,961	2,646,582	2,810,151	2,587,437	2,809,428	2,942,433	1,805,580
Rest of the World	269,889	299,135	448,472	263,122	225,173	346,759	444,802	307,980
<b>Total</b>	<b>\$7,317,653</b>	<b>\$6,370,114</b>	<b>\$9,887,101</b>	<b>\$8,726,091</b>	<b>\$7,018,587</b>	<b>\$9,125,428</b>	<b>\$9,164,489</b>	<b>\$6,796,900</b>
MoM % Change	-14%	-13%	55%	-12%	-20%	30%	0%	-28%
<b>Mask/Reticle Equipment</b>								
Europe	12,429	12,313	1,484	4,811	14,048	24,273	1,482	12,778
Japan	5,774	18,084	7,281	2,097	10,865	2,880	3,108	3,169
North America	8,179	2,159	15,037	15,095	4,833	3,154	23,624	3,890
Korea	6,110	17,324	39,414	16,167	39,764	45,322	23,983	16,570
Taiwan	23,118	21,662	56,525	40,623	25,202	32,215	60,079	24,042
China	32,213	1,630	15,347	2,418	8,142	9,652	13,106	13,118
Rest of the World	316	494	31,687	8,067	2,578	2,577	107	107
<b>Total</b>	<b>\$88,139</b>	<b>\$73,666</b>	<b>\$166,655</b>	<b>\$89,078</b>	<b>\$105,422</b>	<b>\$120,073</b>	<b>\$126,387</b>	<b>\$73,672</b>
<b>Wafer Manufacturing Equipment</b>								
Europe	29	44	2,177	57	960	780	338	140
Japan	249	643	7,626	1,636	1,972	1,021	1,753	2,065
North America	0	95	18	73	146	886	740	761
Korea	191	73	1,975	59	117	2,562	1,397	1,975
Taiwan	201	2,987	145	1,641	259	882	301	1,666
China	1,149	3,243	4,826	701	789	5,338	6,603	8,277
Rest of the World	211	289	413	206	1,511	200	192	218
<b>Total</b>	<b>\$2,030</b>	<b>\$7,374</b>	<b>\$16,480</b>	<b>\$4,373</b>	<b>\$5,754</b>	<b>\$11,689</b>	<b>\$11,324</b>	<b>\$15,102</b>
<b>Wafer Processing Equipment</b>								
Europe	258,103	153,942	10,190	214,920	141,738	182,305	205,469	205,116
Japan	263,447	401,330	586,507	525,559	359,619	443,592	517,774	404,763
North America	343,151	255,980	498,476	652,179	301,415	498,830	518,777	632,537
Korea	2,273,692	1,659,006	2,655,598	2,122,883	1,856,795	1,904,517	1,836,105	962,918
Taiwan	1,361,075	1,412,164	1,952,879	1,332,328	686,809	1,780,243	1,581,029	1,676,323



REQUEST A SAMPLE

## REPORT HIGHLIGHTS

- Features the monthly SEMI Billings Report, quarterly Worldwide Semiconductor Equipment Market Statistics (WWSEMS) Report, and bi-annual Semiconductor Equipment Forecast.
- Learn valuable insights into the drivers of North America and other worldwide semiconductor equipment markets.
- Contains statistics for 22 semiconductor equipment categories, including etch, deposition, and more.

## BENEFITS

- Validated and credible data to support your strategic business decisions with thorough review of current and future semiconductor equipment market dynamics.
- Learn timely insights into the drivers of key semiconductor equipment categories.
- Access to benchmark data used by financial institutions, industry experts, and top-tier companies worldwide.

## METHODOLOGY

Data is compiled from actual inputs by equipment suppliers from around the world. Key categories are updated each quarter with data supplied by participating semiconductor material companies to an independent third-party accounting firm, guaranteeing confidentiality of company specific information.



ORDER  
NOW

# EQUIPMENT MARKET DATA SUBSCRIPTION

## 2024 PRICING INFORMATION – SUBSCRIPTION

	SEMI MEMBER	NON-MEMBER
1 user	\$3,100	\$6,500
2-3 users	\$5,900	\$13,000
4+ users – Corporate License	\$15,500	\$32,500

**APPLICABLE TO:** Semiconductor Manufacturing Equipment and Materials suppliers, IDMs, Foundries, Fabless, EDA, Semiconductor IP, Design & Verification Services, other suppliers of goods and services to the semiconductor design and manufacturing ecosystem. Market analysts, strategic and technical consulting firms, investors and investment banks. Executives, sales and marketing, business development, supply chain management, engineers, and strategic planning organizations.

## REPORTS OF INTEREST

Explore our entire portfolio covering semiconductor manufacturing equipment, fab capacity and spending, wafer and packaging materials, and electronic design.



**Market Data** 

**WORLDWIDE ASSEMBLY & TEST FACILITY DATABASE**  
2021 EDITION  
SERVICES • TECHNOLOGIES • APPLICATIONS

The Worldwide Assembly & Test Facility Database is a comprehensive report tracking over 475 total back-end facilities of OEM and subcontracted semiconductor assembly and testing manufacturers in China, Taiwan, Korea, Japan, Southeast Asia, Europe, and the Americas. This report is an essential business tool for anyone interested to learn more about the semiconductor back-end supply chain.

Details include:

- Plant site technology capability: Test and final test
- Packaging assembly services offered: BGA, specific waferframe type such as QFP, QFN, SO, Flip chip bumping, WLP, Module/CSP, etc.
- Plant site specialization: TSV, RF, Cu Pillar, RDL, etc.

REQUEST A SAMPLE

**Market Data** 

**FABVIEW**  
ONLINE DATA AND FORECAST

FOUNDRY • MEMORY • MEMS & SENSORS • OPTO • POWER • COMPOUND

SEMI FabView is an online platform delivering immediate and interactive access to the power of the SEMI fab database.

SEMI FabView includes the latest information on semiconductor fab—R&D to volume—worldwide and gives unparalleled access and insight to past, present, and future fab activities, including equipment and construction spending, capacities, technology nodes, products, and wafer size. Enhance your strategic planning with the latest data, analysis and insight, anywhere, via the Web.

GET A FREE 30-DAY TRIAL

**Market Data** 

**MATERIALS**

**Market Data** 

**ELECTRONIC DESIGN MARKET DATA**  
REVENUE • REGIONS • HEADCOUNT

QUARTERLY REVENUE REPORT FROM THE DESIGN ECOSYSTEM INCLUDING EDA, SEMICONDUCTOR IP, SERVICES AND HEADCOUNT DATA

The Electronic Design Market Data report provides timely quarterly data on revenue and headcount trends from EDA, Semiconductor IP and Service providers that enable semiconductor chip design. Since the report is based on actual data reported by companies in the design ecosystem, it is widely used as a measure of the industry's performance and for identifying future opportunities.

REQUEST A SAMPLE

**REPORT HIGHLIGHTS**

- Features 4-year time span by quarter
- Quarterly data breakout by product category
- Quarterly data breakout by geographic region – Americas, EMEA, Japan, China, Korea, Taiwan, and India
- Historical data from 2006 to the current quarter presented via trend graphs
- Annual summary report summarizing 10% growth rates covering a 5-year period

**BENEFITS**

- Accumulate data – not a forecast. Confidential data is collected and aggregated by an independent third-party accounting firm.
- Gain insight into industry trends across product categories and geographies
- Headcount data shows hiring trends across geographic areas
- Reliable primary source of data for strategic planning, project funding, and resource allocation.