

WORLD FAB FORECAST

FORECASTS • CAPACITIES • INVESTMENTS

FOUNDRY, LOGIC, OPTO, POWER,
COMPOUND, MEMORY MEMS & SENSORS

The World Fab Forecast (WFF) report is your essential resource for monitoring global fab spending, construction, production capacity, and technology trends by device type. It tracks **1600+ semiconductor lines worldwide (from R&D to volume)**, including **future lines** with potential to initiate volume production in the next year and beyond.

Combining 30+ years of industry expertise with comprehensive modeling, the WFF delivers timely forecasts that enhance your business intelligence and strategic planning. It provides critical **insights into your customers, suppliers, competitors, and partners**, along with in-depth **breakdowns of semiconductor products produced at various facilities** and future changes. Additionally, the WFF report offers **quantitative analysis of semiconductor fab strategies** to better assess potential demand and supply imbalances within the market.



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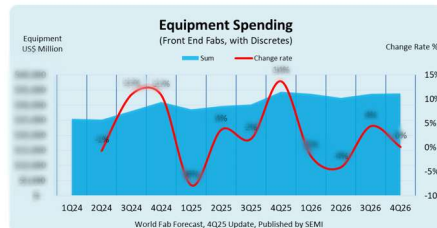


World Fab Forecast Graphs and

Jan 2024 to Dec 2026 from 4Q25 Edition

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All Data are from "Company Detail" page



Equipment in US\$ Million	2024	2025	2026	Change 2025	Change 2026
Americas					
China					
Europe & Mideast					
Japan					
Korea					
SE Asia					
Taiwan					
Sum					

World Fab Forecast, 4Q25 Update, Published by SEMI

Construction in US\$ Million	2024	2025	2026	Change 2025	Change 2026
Americas					
China					
Europe & Mideast					
Japan					
Korea					
SE Asia					
Taiwan					
Sum					

World Fab Forecast, 4Q25 Update, Published by SEMI

BENEFITS

- **Comprehensive Database Access**
Utilize a robust database for comprehensive market intelligence, access line-by-line details on customers, suppliers, competitors, and partners.
- **Product and Facility Insights**
Understand the semiconductor product types manufactured at various facilities, including future production plans.
- **Demand/Supply Analysis**
Quantitatively assess the impact of semiconductor fab plans on potential demand and supply imbalances in the market.
- **Precise Industry Benchmark**
Gain access to our trusted resource, built with 30+ years of industry experience, trusted by financial communities worldwide.
- **Consolidated Resource for Fab**
Streamline your research with a comprehensive, up-to-date view of key global fab activities & trends.

METHODOLOGY

The report is based primarily on a bottom-up analysis of individual fab projects. Data is compiled from industry sources, public filings, capital spending plans, investor presentations, production ramp schedules, and technology roadmaps. We leverage trusted global data sources, economic indicators, and WWSEMS benchmarking, applying best-educated estimates within our fab forecast model and continuously refining forecasts as new information becomes available.

REPORT HIGHLIGHTS

- **Quarterly Trends & Analysis**
High-level summaries and insights, updated quarterly, include 90+ tables and charts (6 quarters of historical results & forecasts).
- **Comprehensive Fab Cycle Coverage**
Line-by-line analysis from planning and construction through production and closure, providing full visibility of fab activities.
- **Spending & Capacity**
Detailed insights into spending, capacity ramp, product types, technology nodes, and wafer size transitions for each facility.
- **Latest Industry Updates**
Regular updates and commentary on more than 1,600+ front-end lines globally (R&D to volume), ensuring you stay informed on industry shifts.

SEMI FAB DATABASE PRODUCTS AT A GLANCE

	WORLD FAB WATCH	WORLD FAB FORECAST	FABVIEW	WORLD FAB FORECAST PREMIUM
Key Product Features	Detailed data include graphs, tables, analysis, and analyst comments	Detailed data include graphs, tables, analysis, and analyst comments	• Online, live, 24/7 access • Easy navigation • Summary and details	World Fab Forecast and FabView
Report Frequency	Quarterly: March, June, Sep., and Dec.	Quarterly: March, June, Sep., and Dec.	Real time update*—once data is verified	Real time update* and quarterly
Historical Data	Previous Quarter Snapshot	Past year	Past year	Past year
Forecast Data	Snapshot of Current Status	1 to 2 years	1 to 2 years	1 to 2 years
Line Coverage	1,600+	1,600+	1,600+	1,600+
Product Platforms	Excel Data File	Excel Data File	FabView Online Access	Excel Data File and FabView Online Access

APPLICABLE TO: Semiconductor equipment and materials suppliers, IDMs, foundries, fabless companies, EDA firms, semiconductor IP providers, market analysts, consulting firms, government agencies, investors, and financial institutions.

DETAILS:

Publication Schedule: Quarterly

Format: Excel

Principal Analysts: Christian Gregor Dieseldorff, SEMI



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REPORT

MORE THAN
ONE USER?

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