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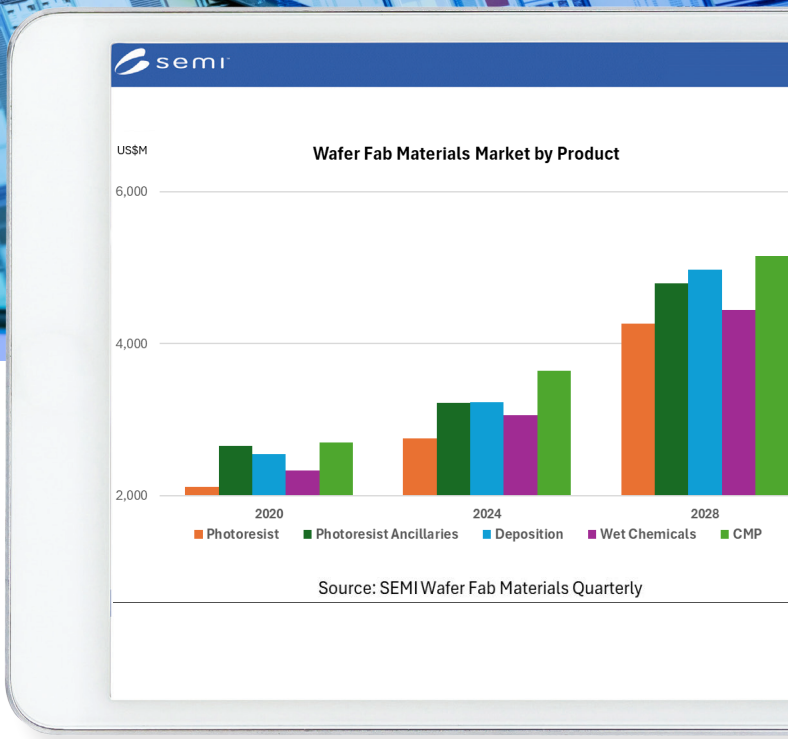

WAFER **FAB**

MATERIALS QUARTERLY

WFM MARKETS · SALES · CAPACITY · MACROECONOMICS ANALYSIS

WAFER FAB MATERIALS MARKET INSIGHTS & FORECASTS

The Wafer Fab Materials Quarterly (WFMQ) report provides a comprehensive analysis and forecast of the global semiconductor wafer materials landscape. Created in collaboration with Linx Consulting, this report provides quarterly insights for informed decision-making and strategic planning. It also explores factors influencing the industry, including economic context, trends, sales, capacity, materials usage, and supply chain dynamics. The WFMQ report encompasses key materials (see reverse side) ensuring comprehensive coverage of the wafer fab materials sector.

This report provides an analysis of quarterly and annual trends, featuring historical market data with two years of quarterly forecasts and four years of annual projections extending into the future. It serves as an essential resource for strategic sourcing and procurement planning, market sizing, as well as technology and investment decision-making within the semiconductor ecosystem.

GET REPORT PRICING

BENEFITS

- **Strategic Support with Economic Context**
  Market-specific and macroeconomic intelligence for robust scenario planning against risks & volatility.
- **Operational Optimization**
  Holistic snapshot of industry performance: Semiconductor sales, CapEx, fab capacity & materials intensity to enable greater operational efficiencies.
- **Competitive Advantage**
  Proprietary insights unavailable in other reports, enabling faster client reactions to competitor & market shifts.
- **Technology & Innovation Planning**
  Supports R&D and product development teams with key material trends, new process and technologies data.

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METHODOLOGY

The report is developed through a blend of primary and secondary market research.

SEMI utilizes its proprietary industry data collection from 49 global material suppliers, supplemented by secondary research analyzing public information including company financial reports and earnings calls.

The Wafer fab materials forecast is based on a robust modeling framework supported by in-depth macroeconomic analysis, silicon shipment trends, fab capacity developments, and technology advancements, updated quarterly.

DOWNLOAD SAMPLE REPORT

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KEY MATERIAL SEGMENTS REVENUE & INDUSTRY DEMAND INDICATORS

Quarterly and annual forecasts for critical semiconductor materials broken down by segment and application:

HISTORICAL DATA AND FORECASTS

- **Silicon Wafers**
- **Specialty Gases**
- **Bulk Gases**
- **Wet Chemicals**
- **Photoresists**
- **Photoresists Ancillaries**
- **Deposition Materials**
- **CMP Chemicals & Pads**
- **Semiconductor Sales**
- **CapEx Trends**
- **Inventory Index**
- **Utilization Rates**

- **Company Performance Tracking:** Exclusive quarterly sales insights on key suppliers & semiconductor firms benchmarking.
- **Macroeconomic Analysis:** High-level global economic indicators like GDP, industrial production, consumer price index (CPI) - to contextualize semiconductor market trends.
- **Capacity & Materials Intensity Analysis:** Wafer fab capacity forecasts by product type and region, plus materials cost per wafer by segment.
- **Quarterly Data Coverage:** 7 years of historical and forecast data.
- **Annual Data Coverage:** 9 years of historical and forecast data.

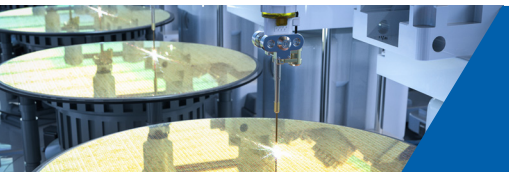
APPLICABLE TO: Semiconductor equipment and materials suppliers, IDMs, foundries, fabless companies, EDA firms, semiconductor IP providers, market analysts, consulting firms, government agencies, investors, and financial institutions.

DETAILS:

- **Publication Schedule:** Quarterly (January, April, July, October)
- **Format:** Excel and PowerPoint
- **Principal Analysts:** Clark Tseng, SEMI and Linx Consulting

RELATED REPORTS:

- **Materials Market Data Subscription (MMDS)**
- **Silicon Wafer Market Monitor**



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