

IC Revenues & Semiconductor Equipment Forecasts 2004 & 2005

Actuals vs Predictions by Forecaster

	Actual	Forecaster	Original Prediction*	Date/Revisions
2005 Semiconductor Equipment	-4.9%**	Advanced Forecasting	-3% - +1%	--
		Gartner	-17%	1/3 (-15.3%); 4/8 (-6.5%); 7/7 (-11.9%)
		IC Insights	-1.6%	4/21 (-5.6%)
		VLSI	Flat	1/8 (3.8%); 6/15 (2.1%)
2005 IC Revenues	7.8%***	Advanced Forecasting	0% - 3%	--
		Gartner	0%	1/3 (5.2%); 3/1 (3.4%); 7/11 (5.9%); 11/16 (6.9%)
		IC Insights	3.2%	5/26 (4%); 11/16 (8%)
		Semico	-4.7%	6/21 (2%); 9/19 (4%)
		VLSI	5% - 10%	1/3 (9.2%); 1/8 (8.8%); 6/15 (5.4%)
2004 Semiconductor Equipment	70%	Advanced Forecasting	65% - 70%	--
		IC Insights	48%	9/15 (51%), 12/1 (53%)
		Gartner	36%	4/27 (46%); 7/19 (63.5%); 10/6 (66.3%)
		Semico	42%	--
		VLSI	40.1%	4/26 (44.7%); 6/17 (66.5%)
2004 IC Revenues	30%	Advanced Forecasting	33% - 35%	--
		Gartner	20%	6/2 (21.6%), 6/7 (25%), 8/27 (27.4%), 12/21 (23%)
		IC Insights	27%	--
		Semico	26.8%	7/15 (33.8%), 7/22 (34% - 39%)
		VLSI	32.8%	8/19 (30%)

* First time forecast released publicly for given segment/year.

** Wafer Processing Equipment, based on a 3 month moving average

*** IC = Semiconductors excluding Discrete and Optoelectronics. Semiconductor growth = 6.8%