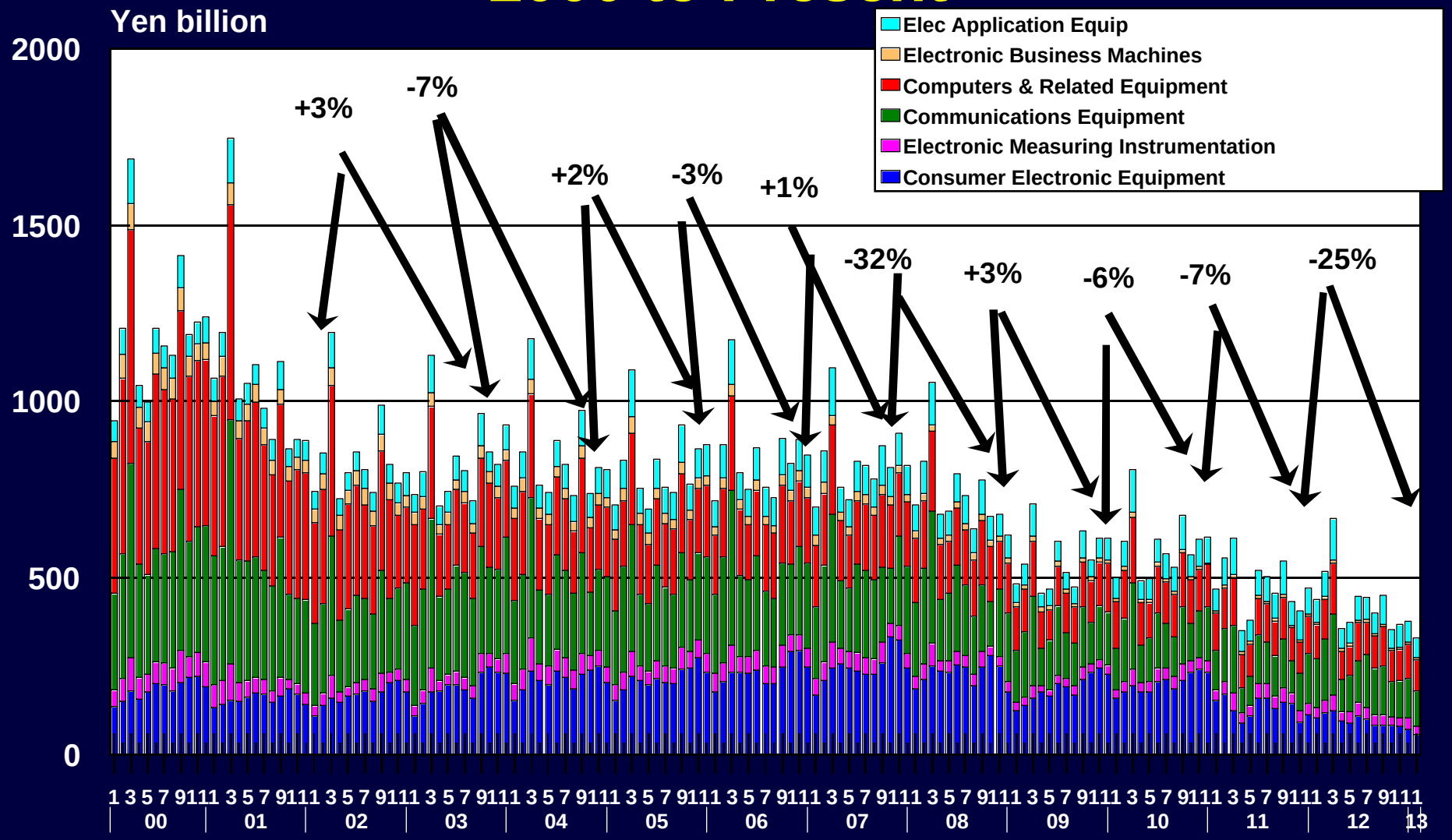
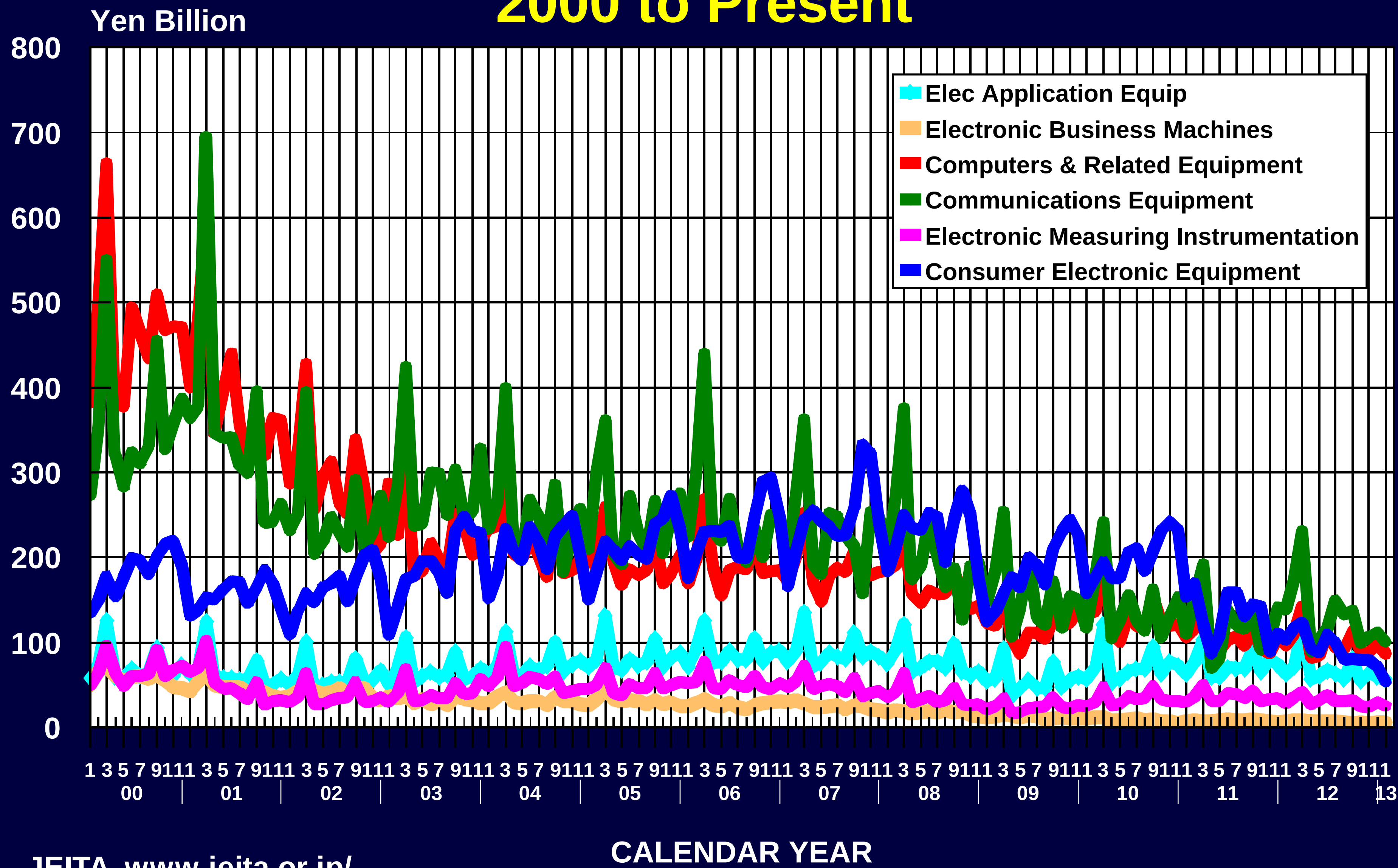
# Japan Electronic Equipment Production 2000 to Present




JEITA www.jeita.or.jp/

# Japan Electronic Equipment Production by Month 2000 to Present



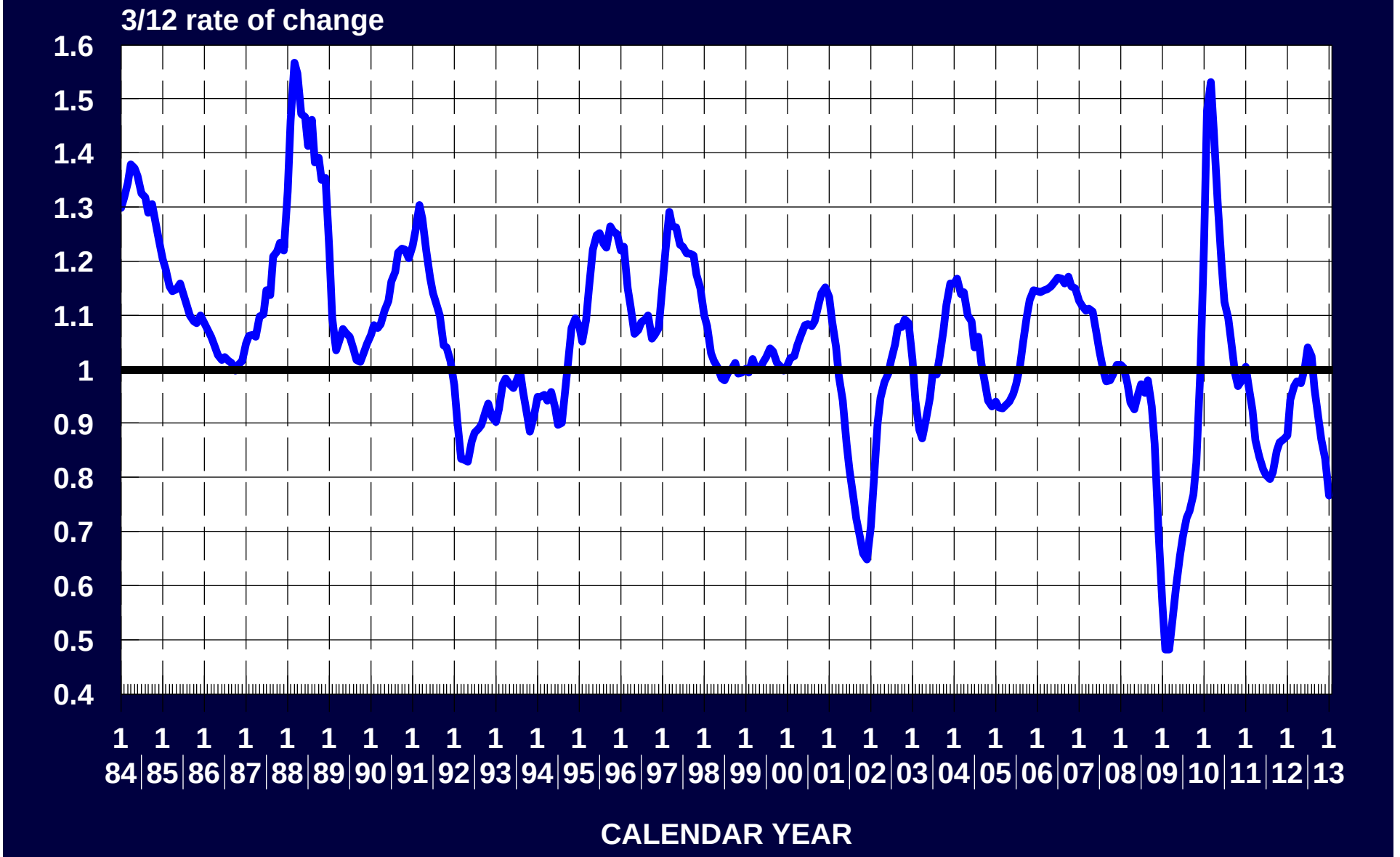

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# Japan PCB Shipments



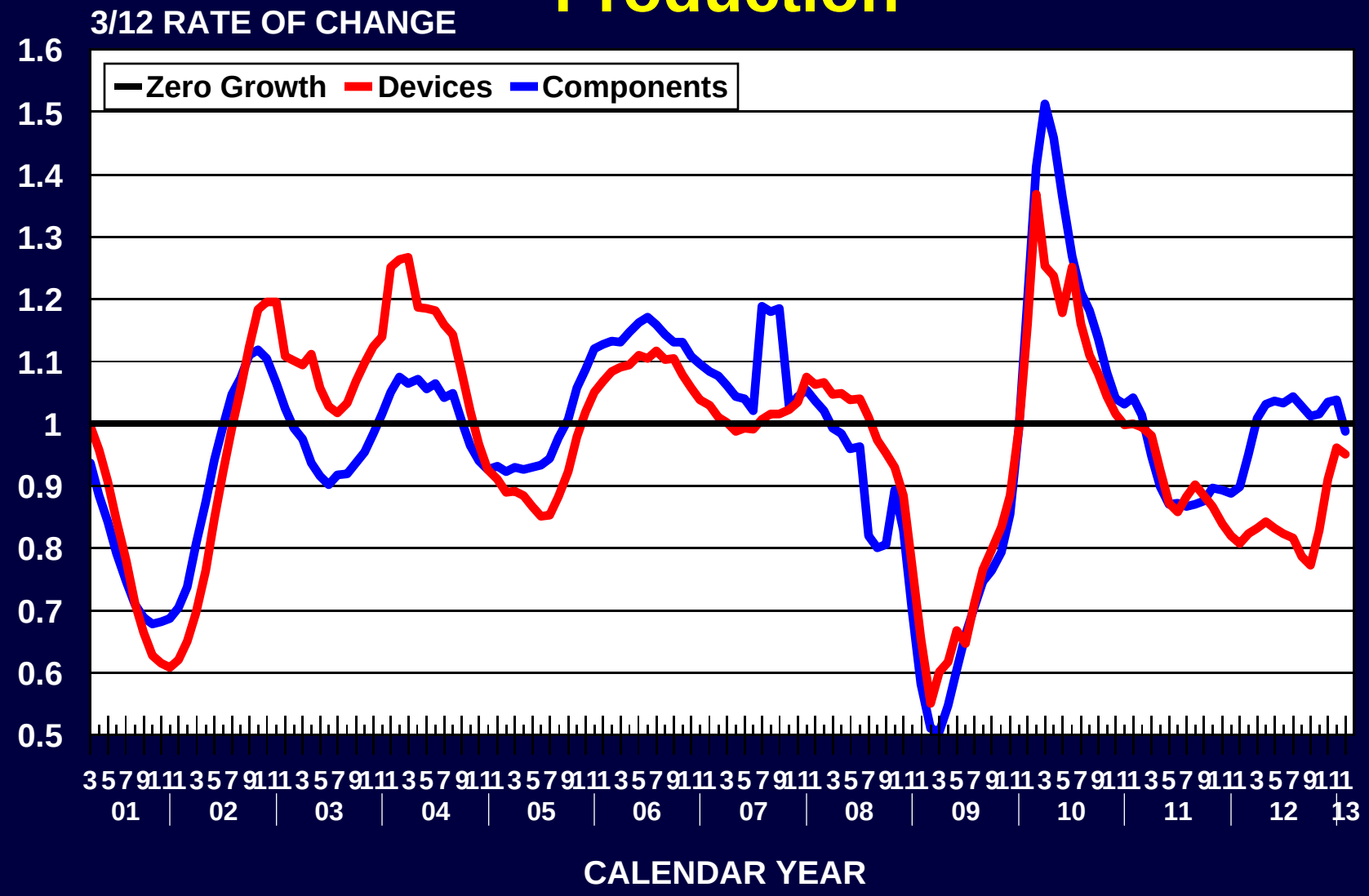

www.jpca.org/kikaitoukei/kikai2012.xls

# Japan PCB Shipments



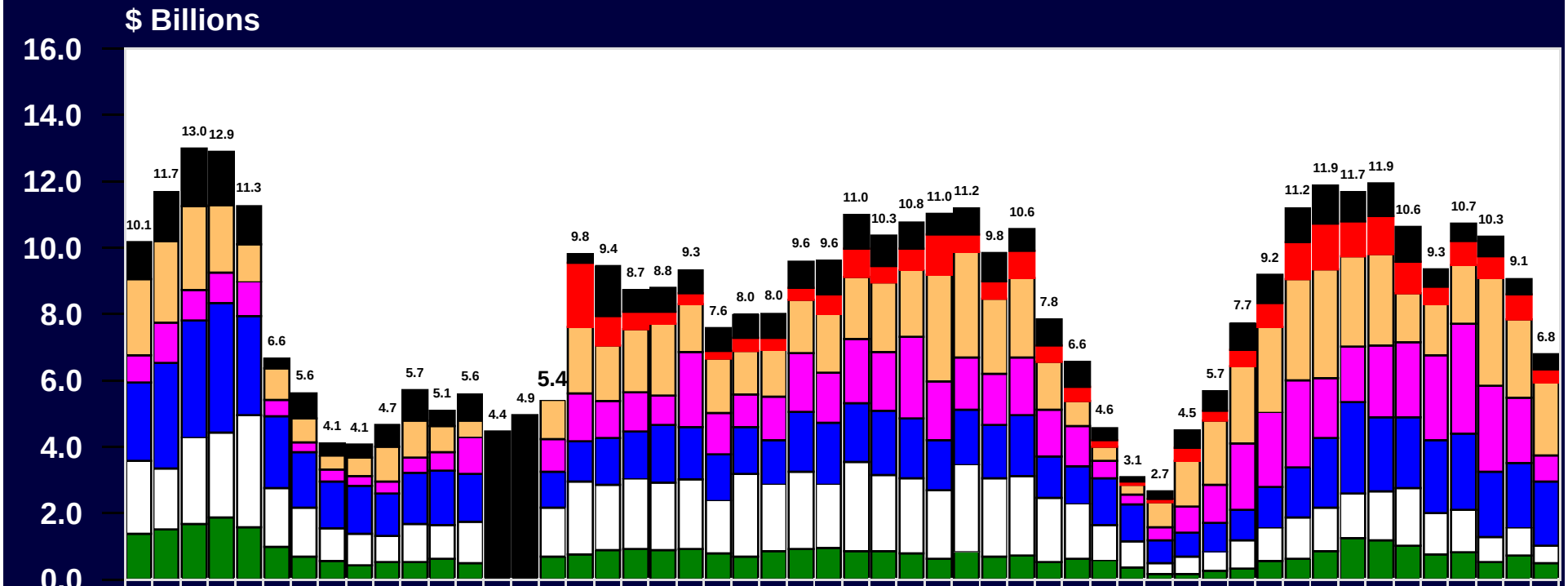

www.jpca.org/kikaitoukei/kikai2011.xls

# Japanese Electronic Component & Device Production




JEITA www.jeita.or.jp/

# Semiconductor Capital Equipment Shipments by Area

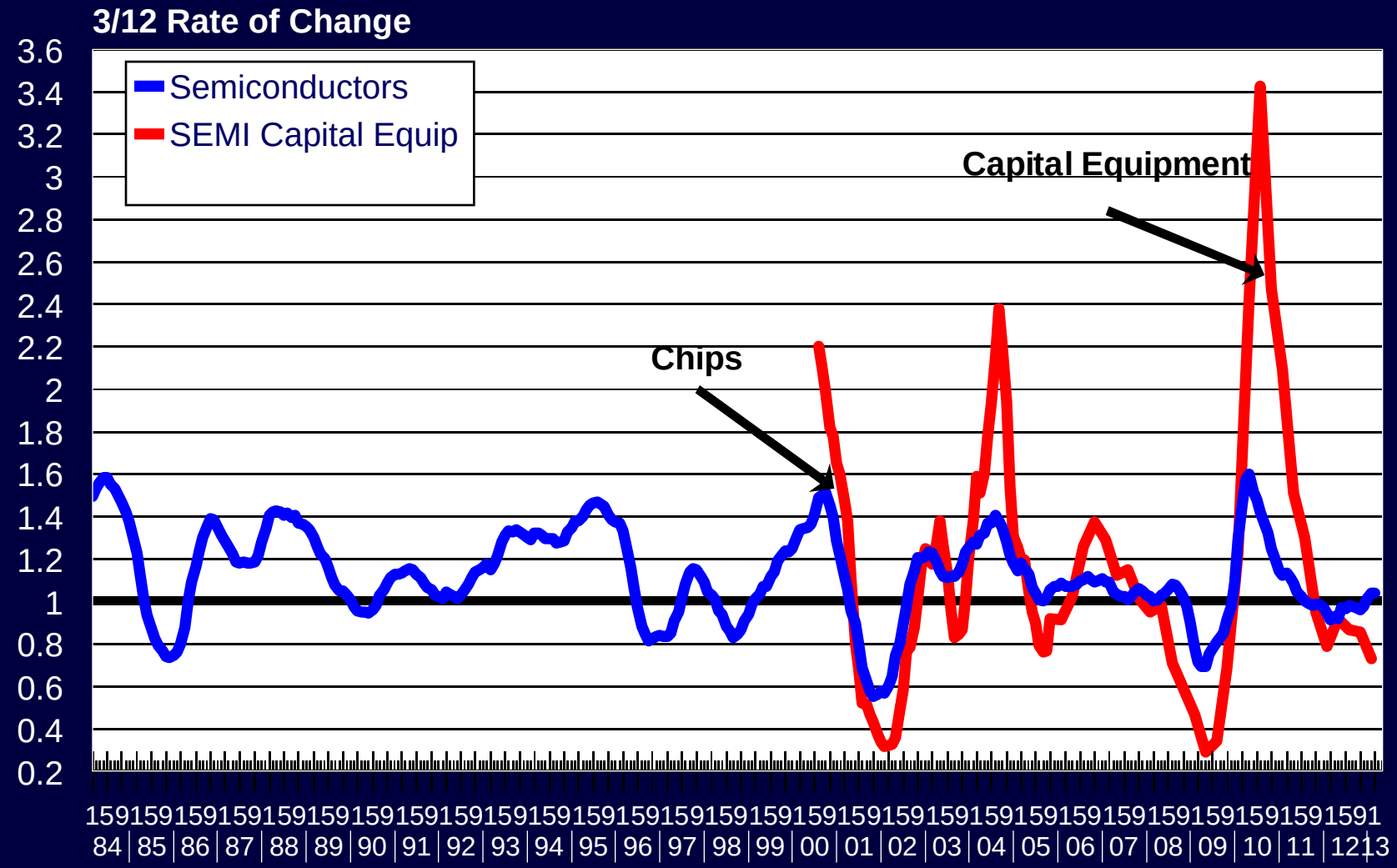



| | 00 1 | 00 2 | 00 3 | 00 4 | 01 1 | 01 2 | 01 3 | 01 4 | 02 1 | 02 2 | 02 3 | 02 4 | 03 1 | 03 2 | 03 3 | 03 4 | 04 1 | 04 2 | 04 3 | 04 4 | 05 1 | 05 2 | 05 3 | 05 4 | 06 1 | 06 2 | 06 3 | 06 4 | 07 1 | 07 2 | 07 3 | 07 4 | 08 1 | 08 2 | 08 3 | 08 4 | 09 1 | 09 2 | 09 3 | 09 4 | 10 1 | 10 2 | 10 3 | 10 4 | 11 1 | 11 2 | 11 3 | 11 4 | 12 1 | 12 2 | 12 3 | 12 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROW | 1.1 | 1.5 | 1.7 | 1.6 | 1.2 | 0.3 | 0.8 | 0.4 | 0.4 | 0.7 | 0.9 | 0.5 | 0.8 | 4.4 | 4.9 | | 0.3 | 1.5 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 1.0 | 1.0 | 0.9 | 0.8 | 0.6 | 0.8 | 0.8 | 0.7 | 0.8 | 0.8 | 0.4 | 0.1 | 0.2 | 0.5 | 0.6 | 0.8 | 0.9 | 1.0 | 1.2 | 0.9 | 1.0 | 1.0 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 |
| China | | | | | | | | | | | | | | | | | 1.9 | 0.9 | 0.5 | 0.4 | 0.3 | 0.2 | 0.4 | 0.4 | 0.4 | 0.6 | 0.9 | 0.5 | 0.7 | 1.2 | 0.5 | 0.5 | 0.8 | 0.5 | 0.4 | 0.2 | 0.1 | 0.1 | 0.4 | 0.3 | 0.5 | 0.7 | 1.1 | 1.4 | 1.0 | 1.1 | 0.9 | 0.5 | 0.7 | 0.6 | 0.8 | 0.4 |
| Taiwan | 2.3 | 2.5 | 2.5 | 2.0 | 1.1 | 1.0 | 0.7 | 0.4 | 0.5 | 1.1 | 1.1 | 0.8 | 0.5 | | | 1.2 | 2.0 | 1.7 | 1.9 | 2.2 | 1.4 | 1.6 | 1.3 | 1.4 | 1.6 | 1.8 | 1.9 | 2.1 | 2.0 | 3.2 | 3.2 | 2.3 | 2.4 | 1.5 | 0.8 | 0.4 | 0.3 | 0.7 | 1.4 | 2.0 | 2.3 | 2.6 | 3.0 | 3.3 | 2.7 | 2.8 | 1.5 | 1.6 | 1.8 | 3.3 | 2.3 | 2.2 |
| S Korea | 0.8 | 1.2 | 0.9 | 0.9 | 1.0 | 0.5 | 0.3 | 0.4 | 0.3 | 0.4 | 0.5 | 0.6 | 1.1 | | | 1.0 | 1.5 | 1.1 | 1.2 | 0.9 | 2.3 | 1.2 | 1.0 | 1.3 | 1.8 | 1.5 | 2.0 | 1.8 | 2.5 | 1.8 | 1.6 | 1.6 | 1.7 | 1.4 | 1.2 | 0.5 | 0.3 | 0.4 | 0.8 | 1.1 | 2.0 | 2.2 | 2.6 | 1.8 | 1.7 | 2.2 | 2.3 | 2.6 | 3.3 | 2.6 | 2.0 | 0.8 |
| N America | 2.4 | 3.2 | 3.5 | 3.9 | 3.0 | 2.2 | 1.7 | 1.4 | 1.5 | 1.3 | 1.6 | 1.6 | 1.4 | | | 1.1 | 1.2 | 1.4 | 1.4 | 1.7 | 1.6 | 1.4 | 1.4 | 1.3 | 1.8 | 1.8 | 1.8 | 1.9 | 1.8 | 1.5 | 1.7 | 1.6 | 1.8 | 1.3 | 1.1 | 1.4 | 1.1 | 0.7 | 0.7 | 0.9 | 0.9 | 1.2 | 1.5 | 2.1 | 2.8 | 2.2 | 2.1 | 2.2 | 2.3 | 2.0 | 2.0 | 1.9 |
| Japan | 2.2 | 1.8 | 2.6 | 2.6 | 3.4 | 1.8 | 1.5 | 1.0 | 0.9 | 0.8 | 1.1 | 1.0 | 1.3 | | | 1.5 | 2.2 | 2.0 | 2.1 | 2.0 | 2.1 | 1.6 | 2.5 | 2.0 | 2.3 | 1.9 | 2.7 | 2.3 | 2.3 | 2.1 | 2.6 | 2.4 | 2.4 | 1.9 | 1.7 | 1.1 | 0.8 | 0.3 | 0.5 | 0.6 | 0.9 | 1.0 | 1.2 | 1.3 | 1.3 | 1.5 | 1.7 | 1.2 | 1.3 | 0.8 | 0.9 | 0.5 |
| Europe | 1.4 | 1.5 | 1.7 | 1.9 | 1.6 | 1.0 | 0.7 | 0.6 | 0.4 | 0.5 | 0.5 | 0.6 | 0.5 | | | 0.7 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 | 0.9 | 0.9 | 1.0 | 0.9 | 0.9 | 0.8 | 0.6 | 0.8 | 0.7 | 0.7 | 0.5 | 0.6 | 0.6 | 0.4 | 0.2 | 0.2 | 0.3 | 0.3 | 0.6 | 0.6 | 0.9 | 1.3 | 1.2 | 1.0 | 0.8 | 0.8 | 0.5 | 0.7 | 0.5 |

www.semi.org, www.seaj.or.jp/ 9/12

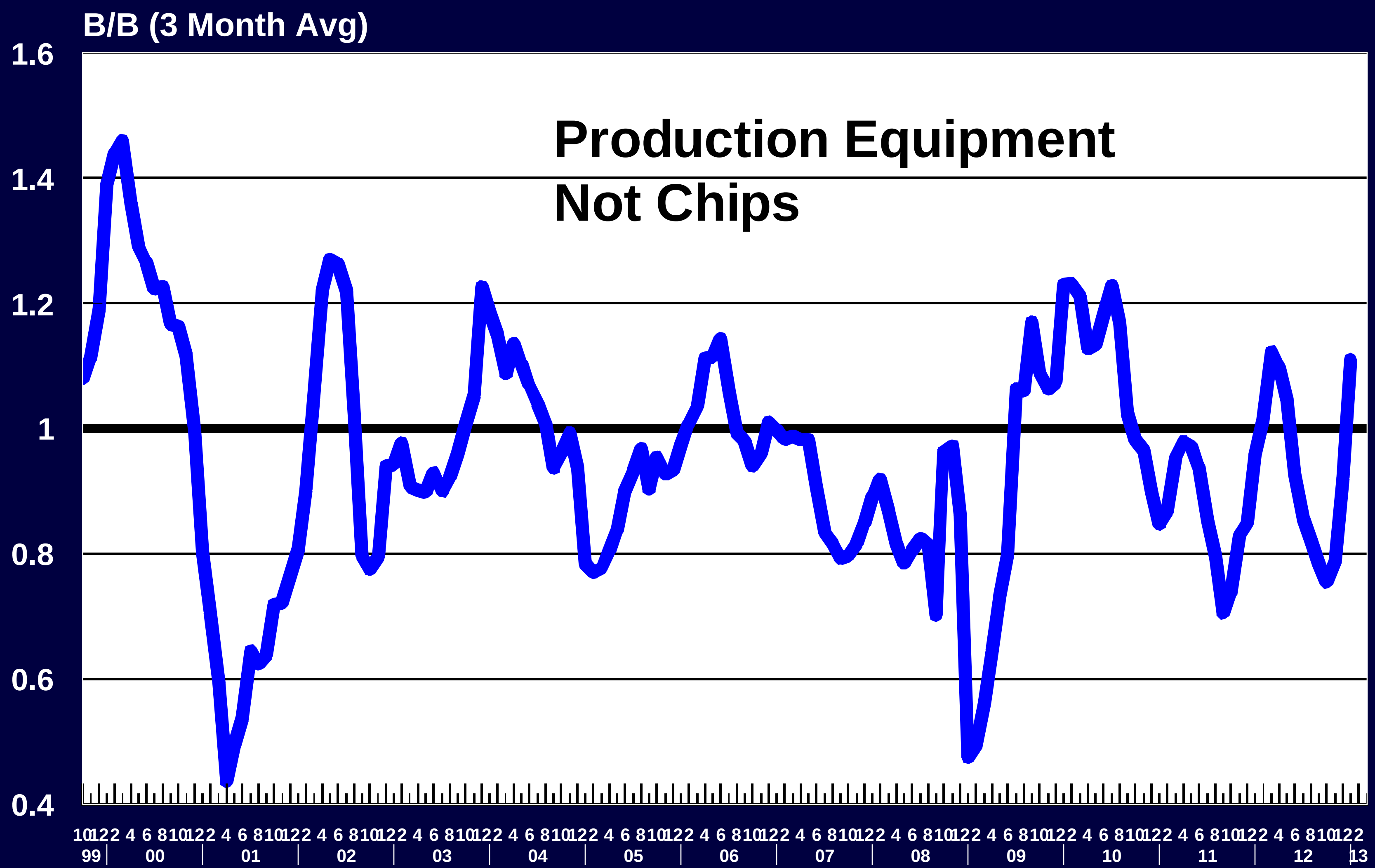
# Global Semiconductor & Semiconductor Capital Equipment

## 3-Month Shipment Growth Rates on $ Basis



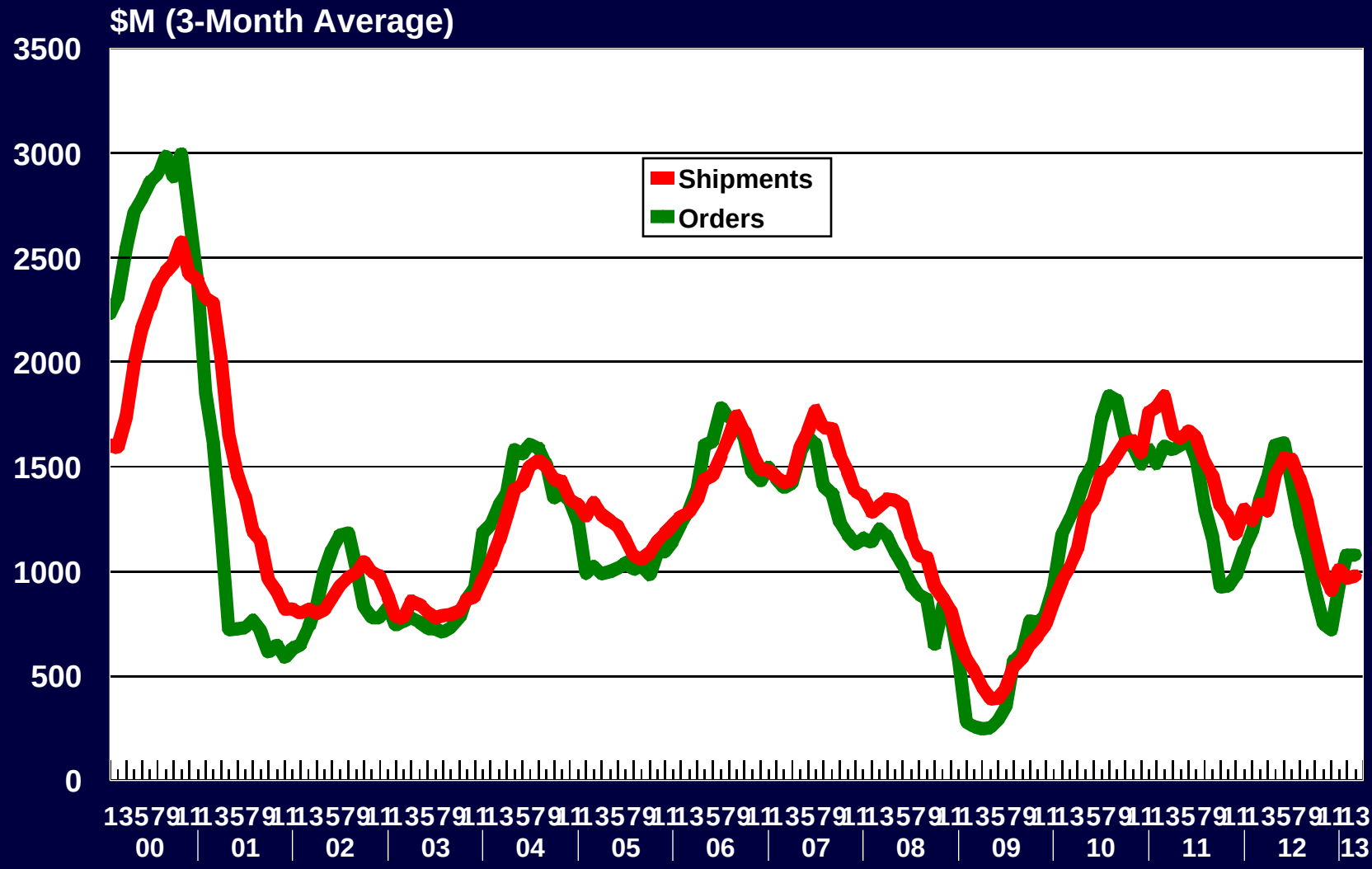

**Sources: SIA; Semiconductor Equipment Association of Japan, www.semi.org, Custer Consulting Group SEMI equipment sector composite 2012 growth**

# N American Semiconductor Equipment Industry Book/Bill Ratio



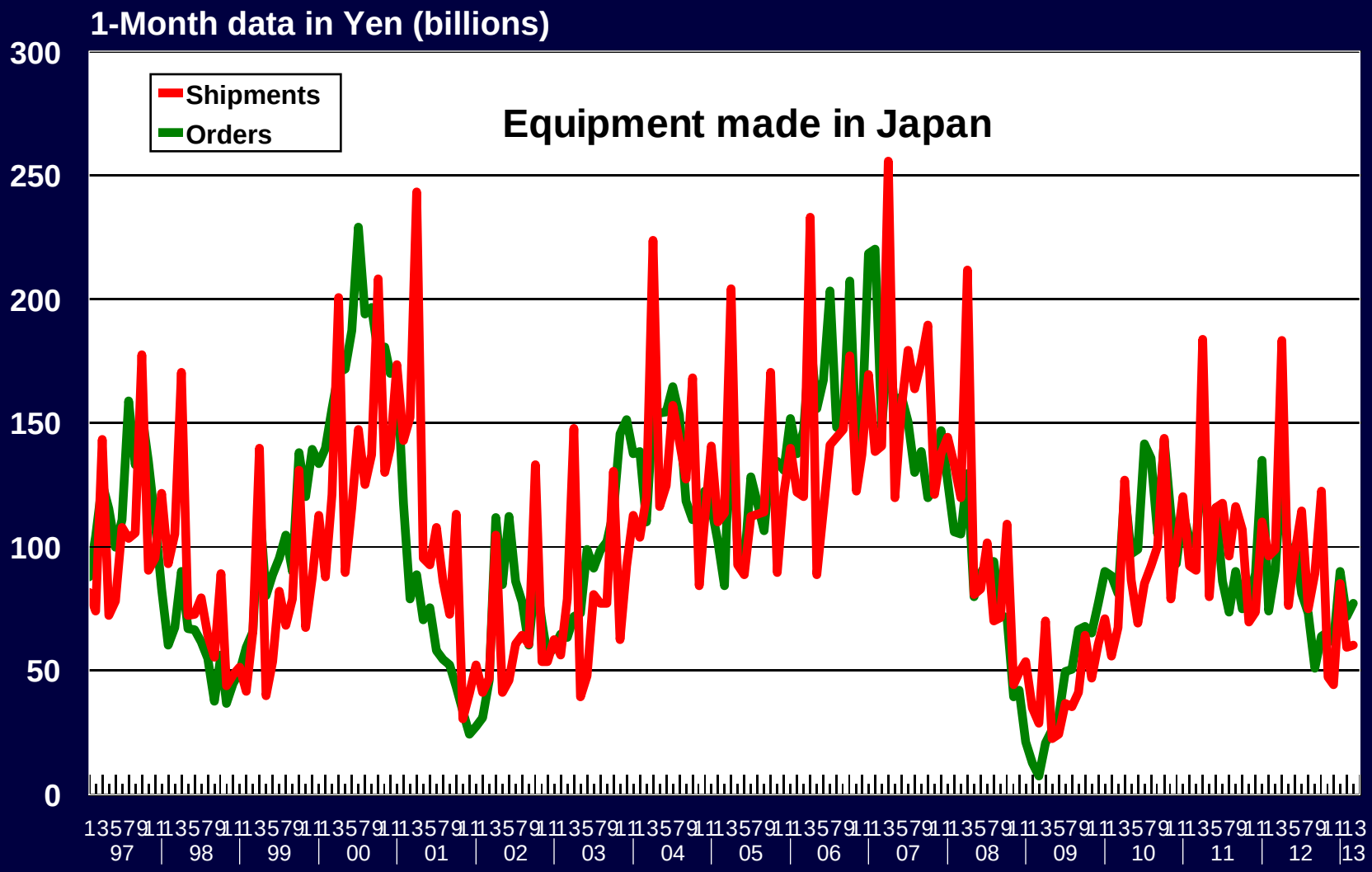

SOURCE Semiconductor Equipment and Materials International
http://www.semi.org

# N American Semiconductor Equipment Industry Shipments & Orders



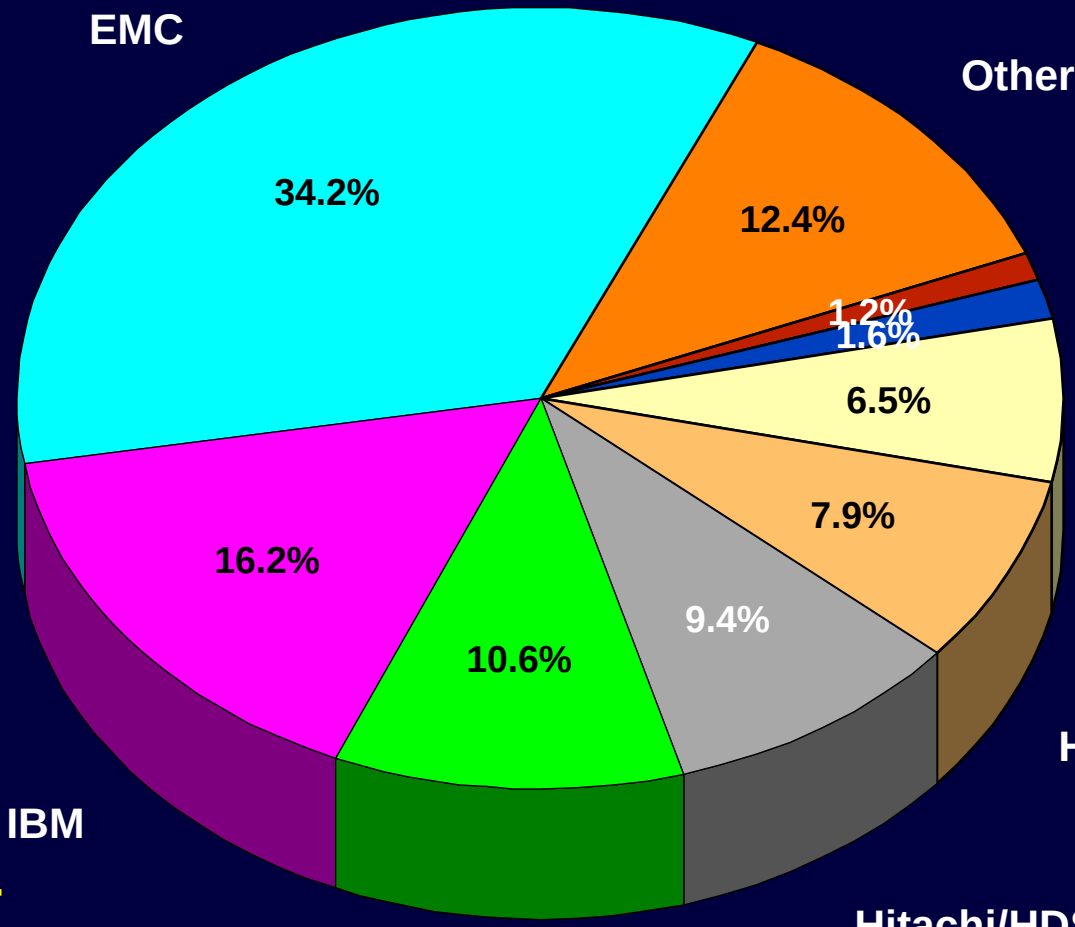

SOURCE Semiconductor Equipment and Materials International
http://www.semi.org

# Japanese Semiconductor Equipment Global Shipments & Orders




SOURCE Semiconductor Equipment Association of Japan, www.seaj.or.jp/english/

# World External Controller-based Disk Storage Market 4Q'12



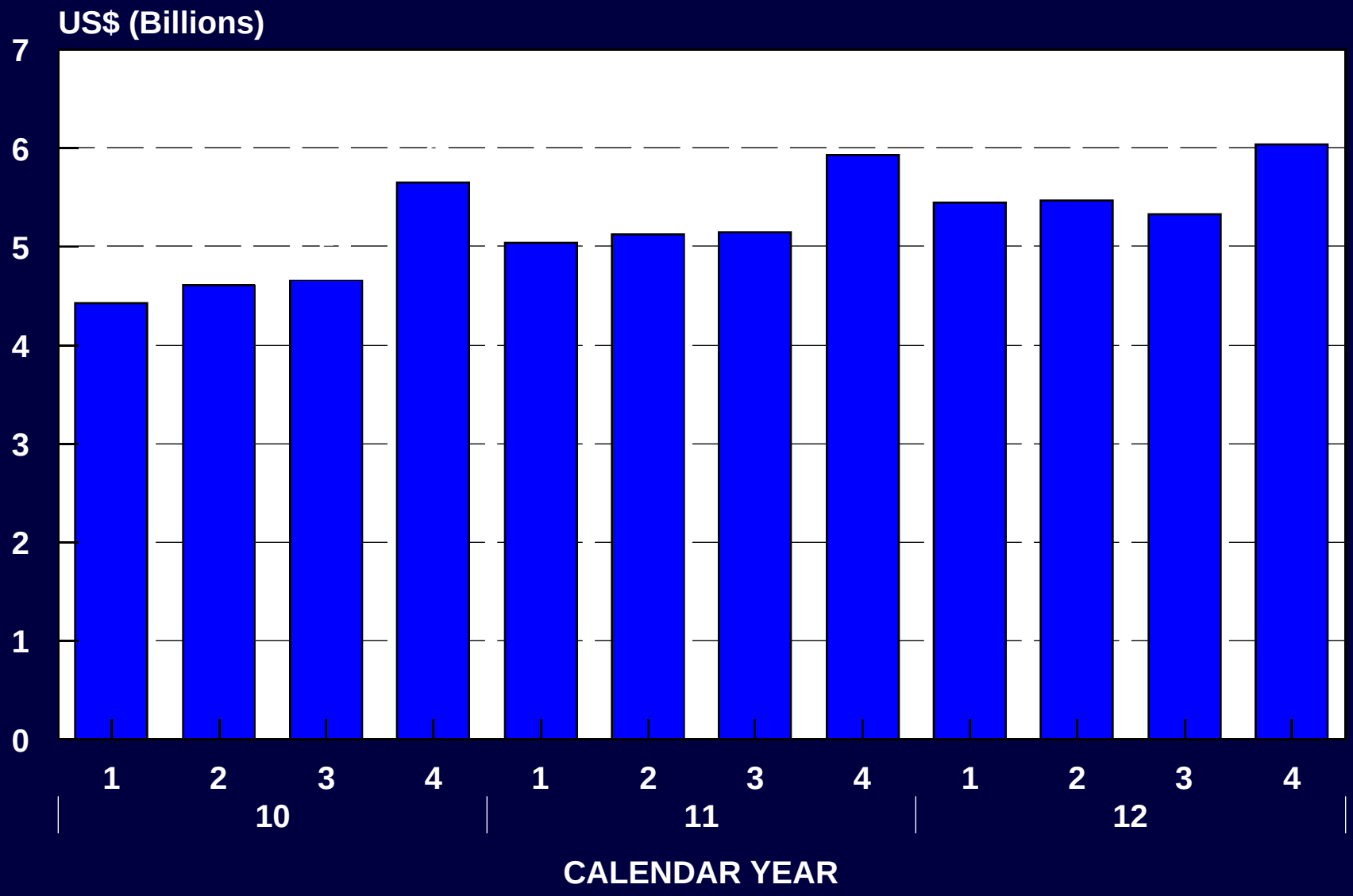

4Q'11
$5,924

1.9%

Total: $6,039 Million

Gartner 3/2012

# World External Controller-based Disk Storage Revenue




Gartner 4/13